

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118132.D
 Acq On : 7 Dec 2019 16:39
 Operator : JU
 Sample : K6141-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:44:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127315	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	505075	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273135	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	531018	20.00	ng	0.00
76) Chrysene-d12	14.06	240	343067	20.00	ng	0.00
87) Perylene-d12	15.54	264	322234	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	773251	106.38	ng	0.00
7) Phenol-d6	6.50	99	980768	111.55	ng	0.00
23) Nitrobenzene-d5	7.43	82	584428	65.10	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	350412	105.61	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1136066	63.29	ng	0.00
79) Terphenyl-d14	13.00	244	1470129	73.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	115041	37.534	ng	98
3) Pyridine	3.42	79	291724	36.891	ng	99
4) n-Nitrosodimethylamine	3.37	42	148386	43.619	ng	99
6) Aniline	6.53	93	286283	25.455	ng	100
8) 2-Chlorophenol	6.65	128	377545	46.062	ng	95
9) Benzaldehyde	6.42	77	128679	24.637	ng	98
10) Phenol	6.52	94	467153	46.590	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	320099	44.140	ng	94
12) 1,3-Dichlorobenzene	6.81	146	405473	42.347	ng	97
13) 1,4-Dichlorobenzene	6.89	146	408950	42.415	ng	99
14) 1,2-Dichlorobenzene	7.04	146	390072	43.081	ng	99
15) Benzyl Alcohol	7.01	79	315947	46.035	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	370873	42.535	ng	99
17) 2-Methylphenol	7.12	107	296043	45.412	ng	99
18) Hexachloroethane	7.38	117	148668	41.847	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	238316	44.607	ng	98
20) 3+4-Methylphenols	7.27	107	380951	46.523	ng	91
22) Acetophenone	7.28	105	505959	41.697	ng	# 93
24) Nitrobenzene	7.45	77	371349	42.100	ng	99
25) Isophorone	7.69	82	663558	43.599	ng	99
26) 2-Nitrophenol	7.77	139	212994	45.178	ng	95
27) 2,4-Dimethylphenol	7.80	122	320203	50.917	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	415456	41.776	ng	99
29) 2,4-Dichlorophenol	8.01	162	325745	44.433	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	350722	40.936	ng	100
31) Naphthalene	8.17	128	1101977	43.443	ng	99
32) Benzoic acid	7.93	122	212397	37.406	ng	97
33) 4-Chloroaniline	8.22	127	107100	9.778	ng	97
34) Hexachlorobutadiene	8.29	225	205317	39.964	ng	99
35) Caprolactam	8.60	113	58230	25.756	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	351571	45.570	ng	99
37) 2-Methylnaphthalene	8.87	142	755715	44.006	ng	99
38) 1-Methylnaphthalene	8.97	142	705517	43.755	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	339554	41.037	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118132.D
 Acq On : 7 Dec 2019 16:39
 Operator : JU
 Sample : K6141-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:44:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

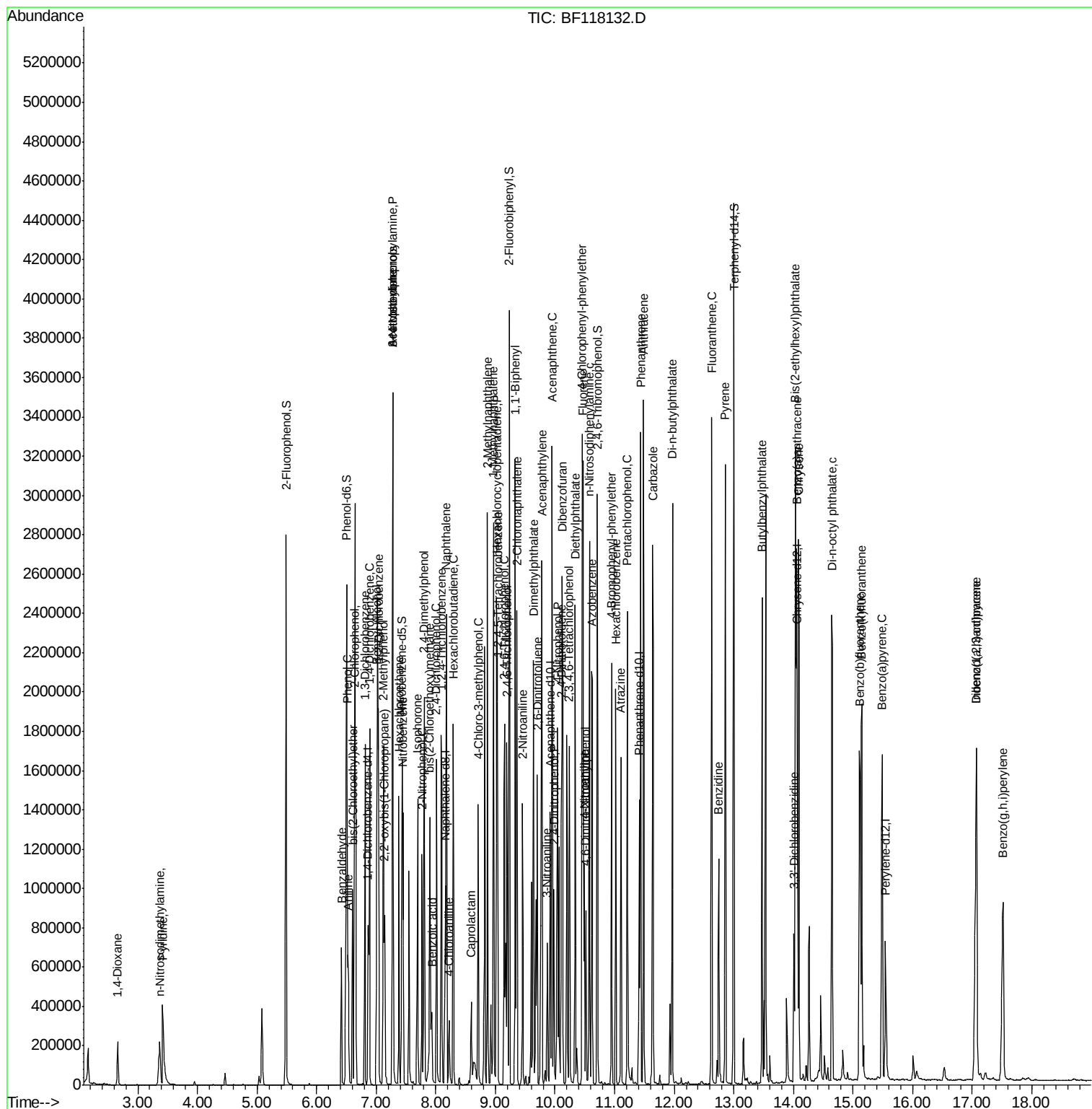
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	362629	97.816	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	238620	43.193	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	257994	45.075	ng	96
46) 1,1'-Biphenyl	9.33	154	918868	42.655	ng	99
47) 2-Chloronaphthalene	9.36	162	722242	41.680	ng	98
48) 2-Nitroaniline	9.46	65	205643	41.615	ng	98
49) Acenaphthylene	9.78	152	1158819	45.340	ng	100
50) Dimethylphthalate	9.64	163	978128	48.482	ng	99
51) 2,6-Dinitrotoluene	9.70	165	198195	45.179	ng	94
52) Acenaphthene	9.95	154	669980	42.948	ng	100
53) 3-Nitroaniline	9.87	138	112585	21.807	ng	98
54) 2,4-Dinitrophenol	9.98	184	135186	61.939	ng	90
55) Dibenzofuran	10.12	168	1018670	44.565	ng	100
56) 4-Nitrophenol	10.04	139	314336	87.733	ng	98
57) 2,4-Dinitrotoluene	10.11	165	270273	46.158	ng	91
58) Fluorene	10.47	166	804379	44.281	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	218602	46.293	ng	100
60) Diethylphthalate	10.34	149	875147	44.027	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	391979	42.886	ng	97
62) 4-Nitroaniline	10.49	138	220333	40.920	ng	98
63) Azobenzene	10.62	77	762829	44.955	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	115479	39.378	ng	85
66) n-Nitrosodiphenylamine	10.58	169	725750	43.765	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	255844	42.207	ng	95
68) Hexachlorobenzene	11.02	284	291462	40.851	ng	# 90
69) Atrazine	11.11	200	226083	55.837	ng	98
70) Pentachlorophenol	11.22	266	289380	86.247	ng	98
71) Phenanthrene	11.43	178	1232031	43.645	ng	99
72) Anthracene	11.49	178	1271223	45.143	ng	99
73) Carbazole	11.64	167	1125376	44.542	ng	100
74) Di-n-butylphthalate	11.97	149	1412396	44.668	ng	99
75) Fluoranthene	12.63	202	1283854	44.484	ng	98
77) Benzidine	12.75	184	411890	45.607	ng	98
78) Pyrene	12.86	202	1293248	47.836	ng	99
80) Butylbenzylphthalate	13.47	149	586582	47.909	ng	95
81) Benzo(a)anthracene	14.05	228	999012	42.113	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	154490	19.830	ng	99
83) Chrysene	14.09	228	960277	42.378	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	825658	51.141	ng	# 99
85) Di-n-octyl phthalate	14.64	149	1238931	50.659	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	970982	50.927	ng	100
88) Benzo(b)fluoranthene	15.11	252	913715	42.874	ng	99
89) Benzo(k)fluoranthene	15.14	252	822854	40.192	ng	99
90) Benzo(a)pyrene	15.49	252	831318	44.167	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	813090	50.365	ng	100
92) Benzo(g,h,i)perylene	17.52	276	820490	52.890	ng	99

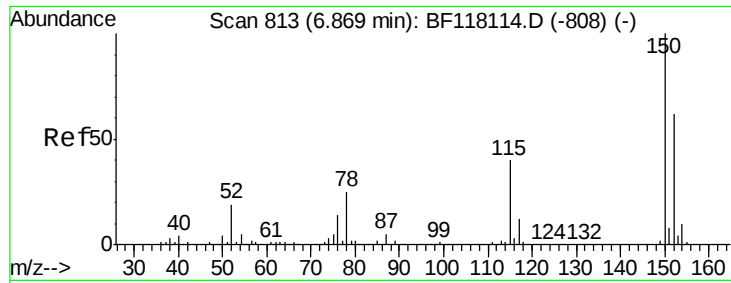
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118132.D
Acq On : 7 Dec 2019 16:39
Operator : JU
Sample : K6141-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Dec 09 05:44:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



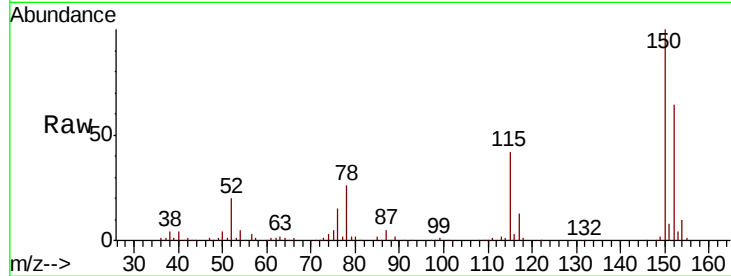


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.3	192.5
115	65.3	51.1	76.7

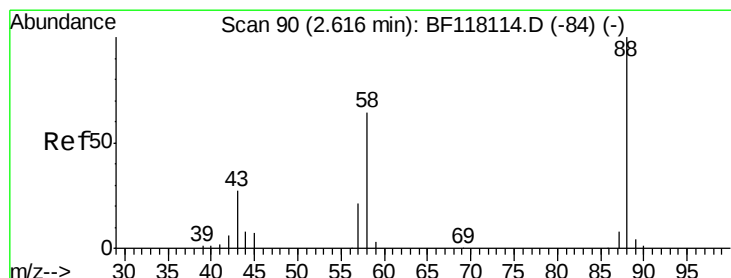
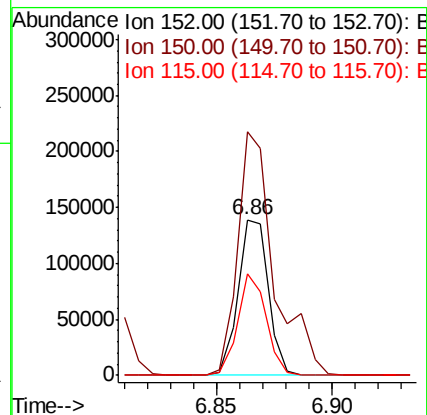
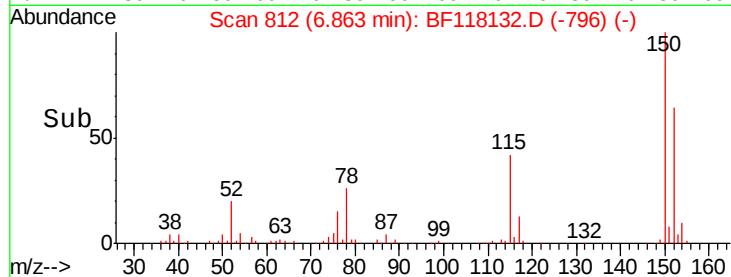


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

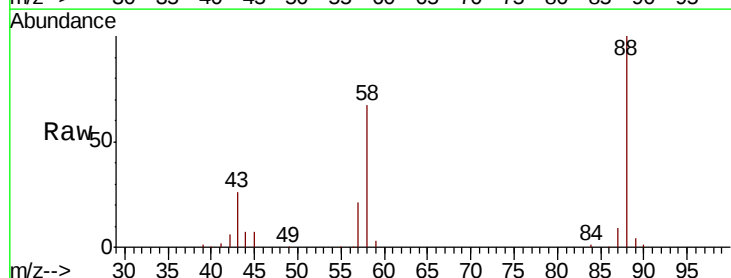
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 37.534 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.05 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	52.2	78.4
43	27.3	21.4	32.2

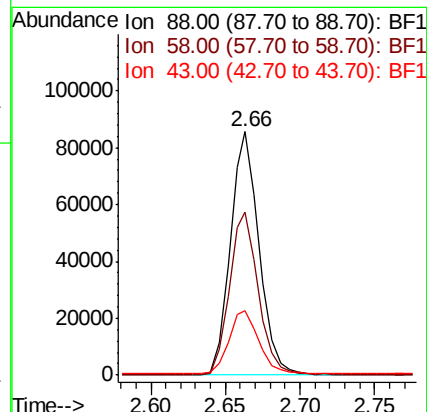
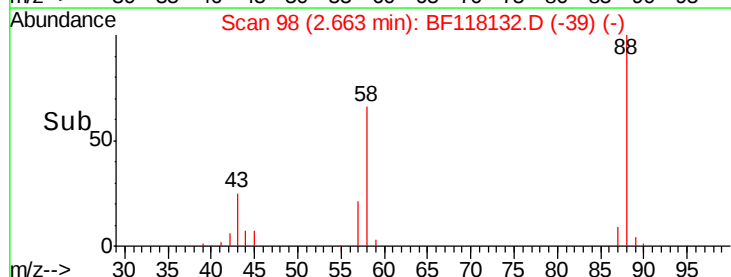


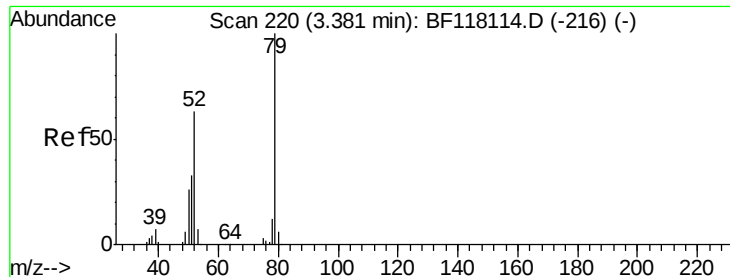
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.891 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.04 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

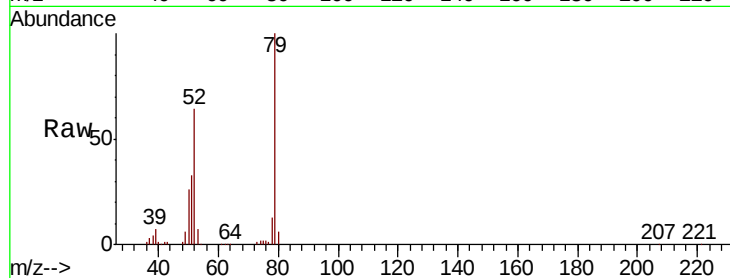
Tot Ion: 79 Resp: 291724

Ion Ratio Lower Upper

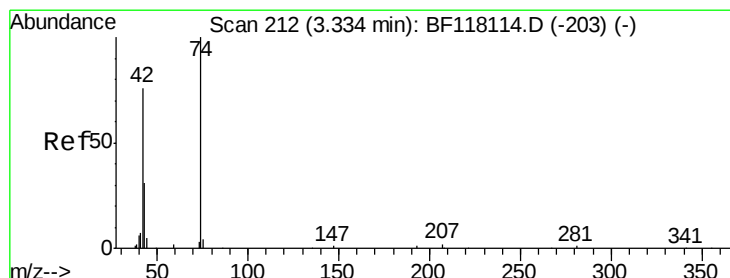
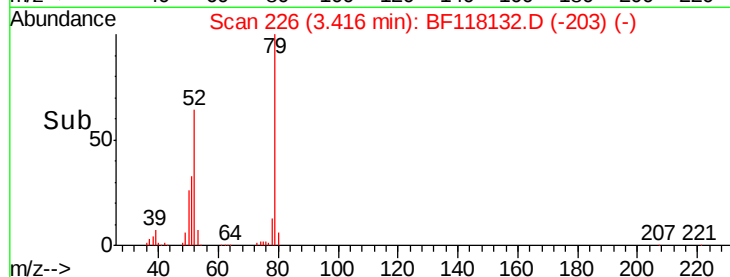
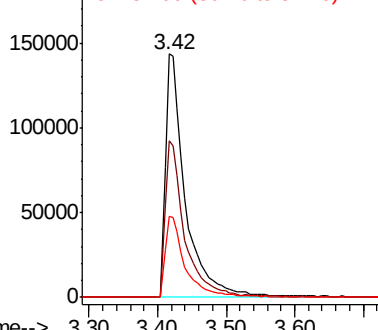
79 100

52 64.3 50.7 76.1

51 33.4 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.619 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

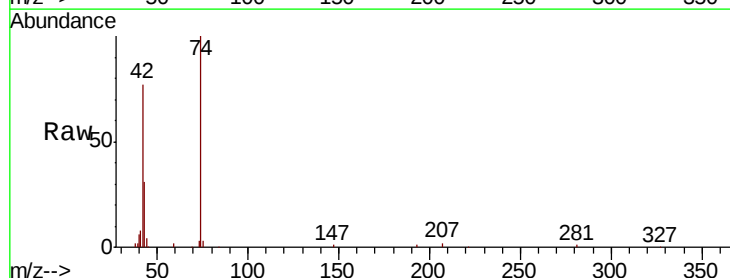
Tgt Ion: 42 Resp: 148386

Ion Ratio Lower Upper

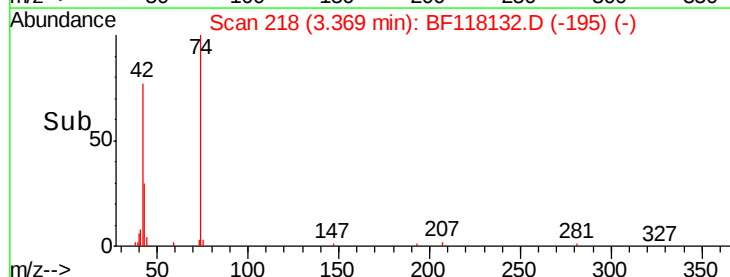
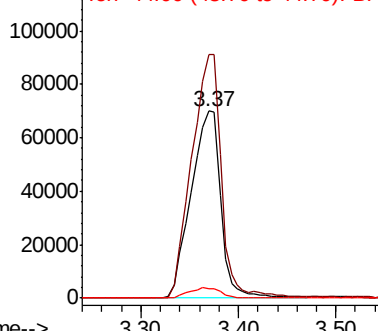
42 100

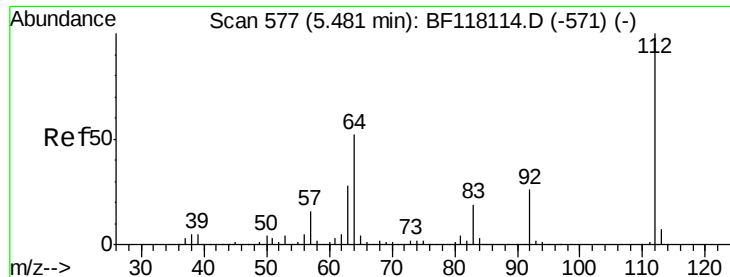
74 130.3 104.6 157.0

44 5.1 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.376 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118132.D

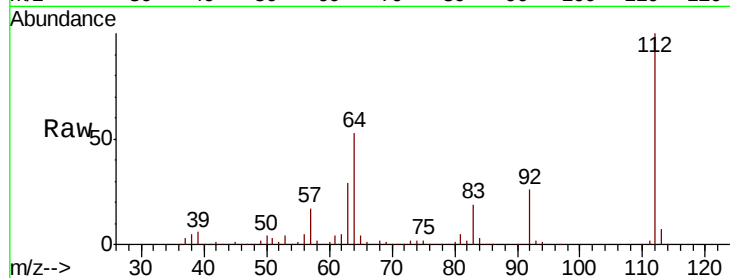
Acq: 7 Dec 2019 16:39

Instrument :

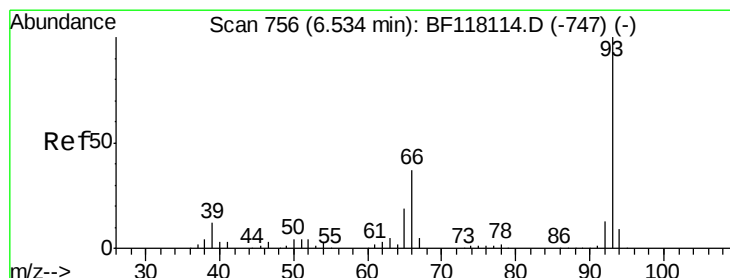
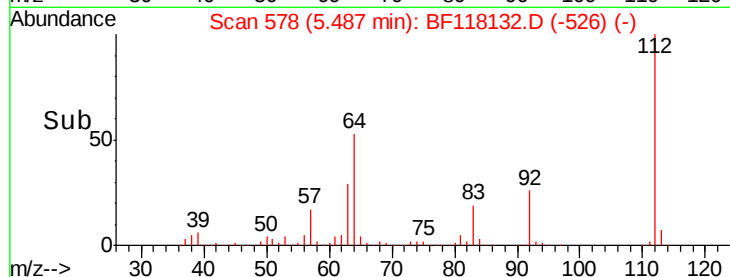
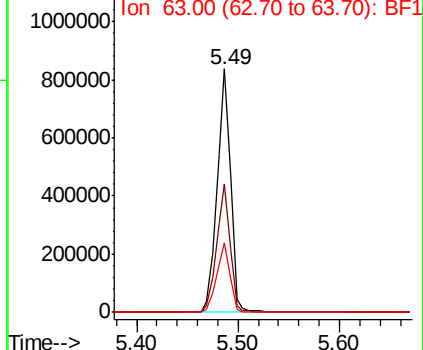
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	773251
Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.3	61.9
63	28.7	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 25.455 ng

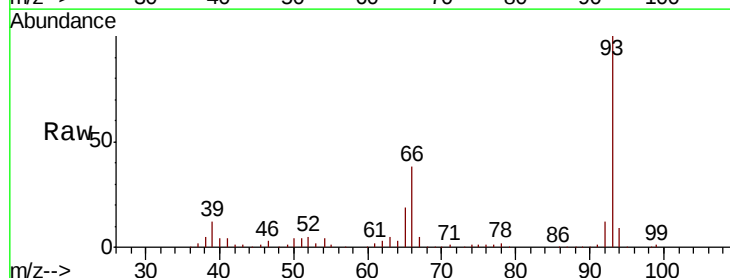
RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

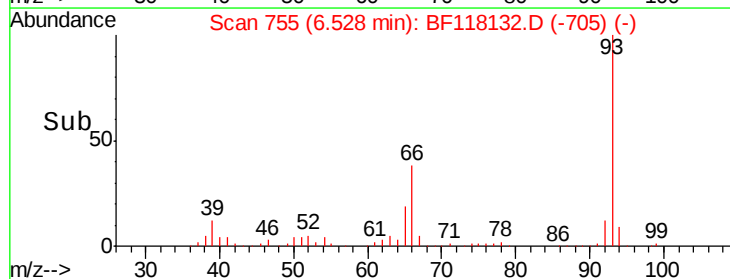
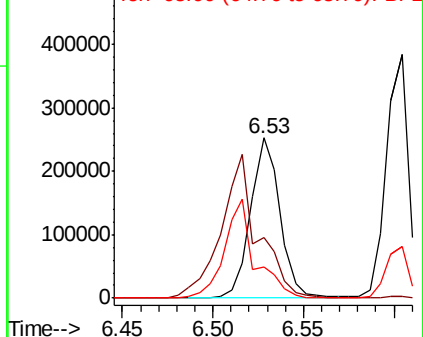
Lab File: BF118132.D

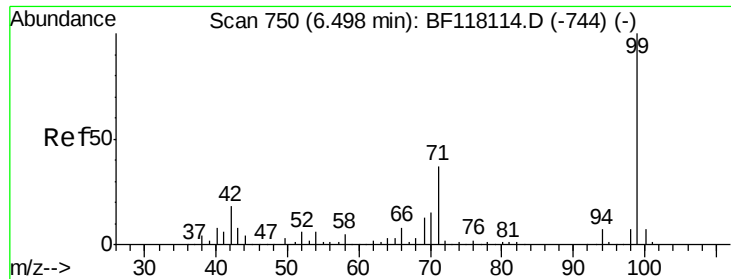
Acq: 7 Dec 2019 16:39

Tgt Ion:	93	Resp:	286283
Ion	Ratio	Lower	Upper
93	100		
66	37.9	30.2	45.2
65	19.2	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 111.550 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampled :

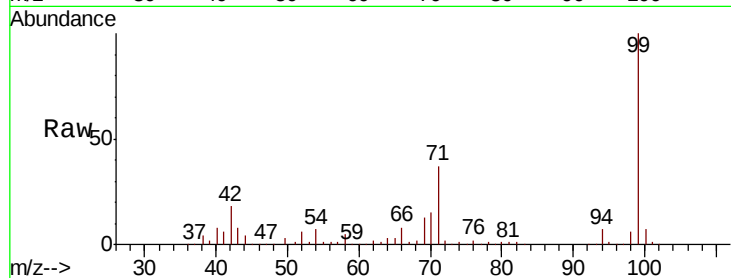
Tot Ion: 99 Resp: 980768

Ion Ratio Lower Upper

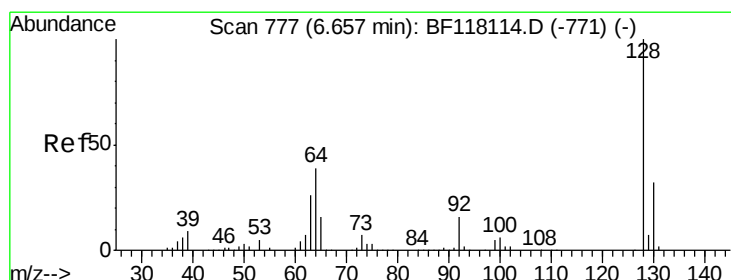
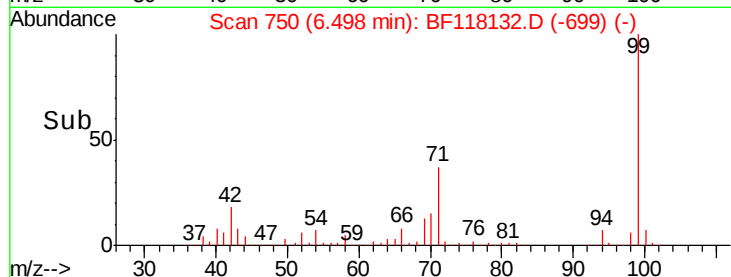
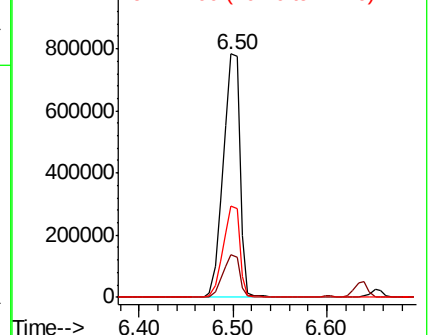
99 100

42 17.6 14.1 21.1

71 37.3 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.062 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

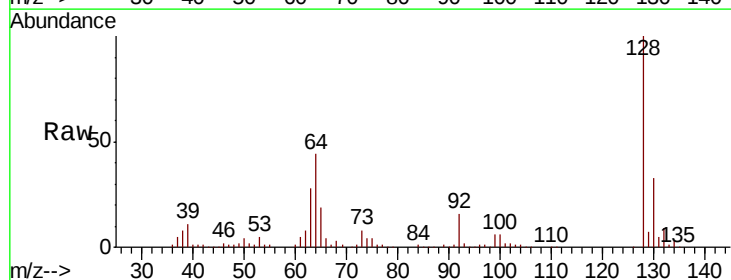
Tgt Ion: 128 Resp: 377545

Ion Ratio Lower Upper

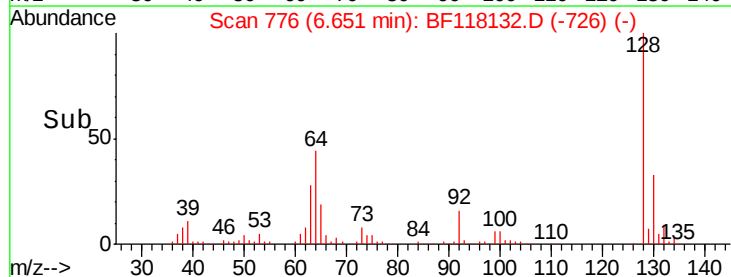
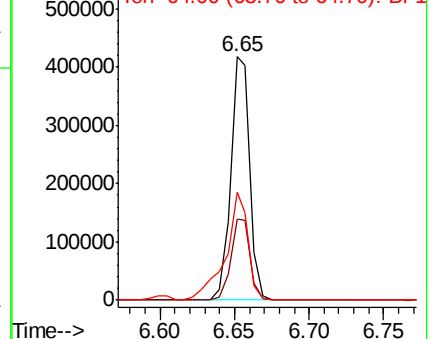
128 100

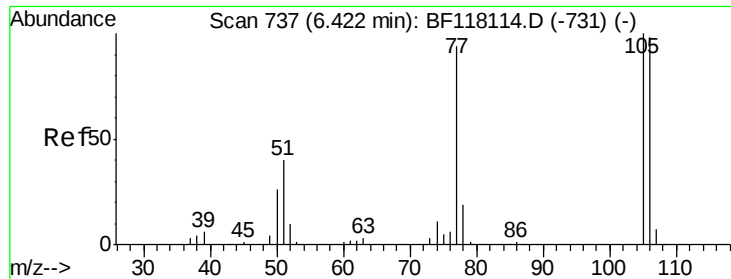
130 33.1 12.1 52.1

64 44.5 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.637 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

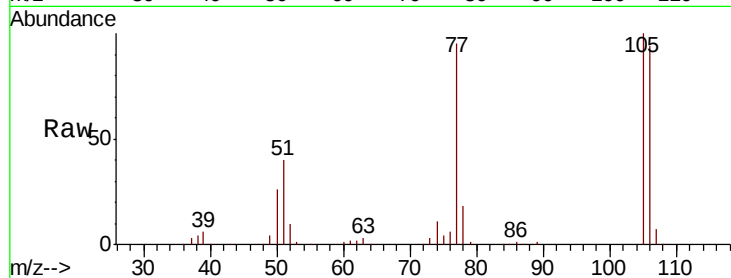
Tot Ion: 77 Resp: 128679

Ion Ratio Lower Upper

77 100

105 105.6 86.4 126.4

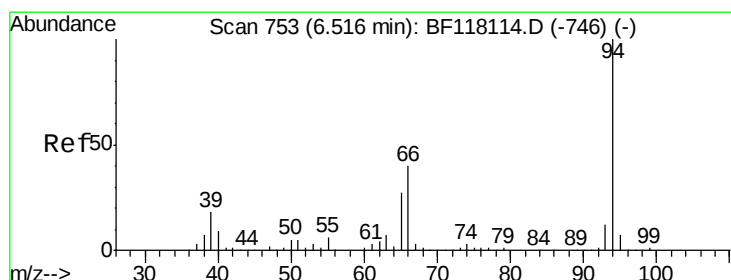
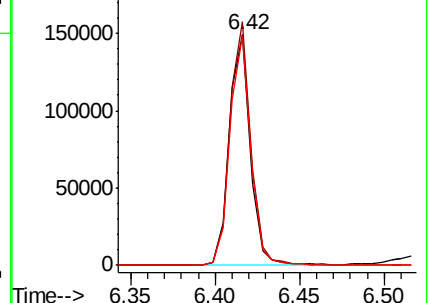
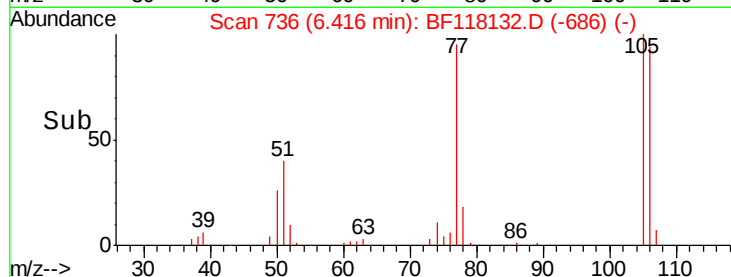
106 99.6 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.590 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

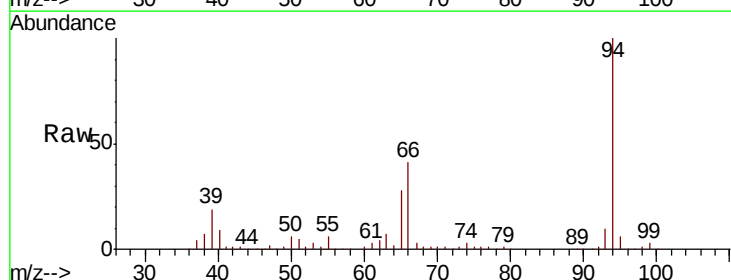
Tgt Ion: 94 Resp: 467153

Ion Ratio Lower Upper

94 100

65 28.1 7.3 47.3

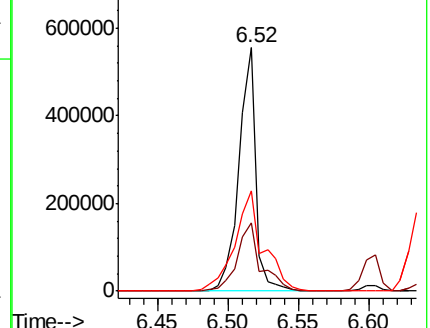
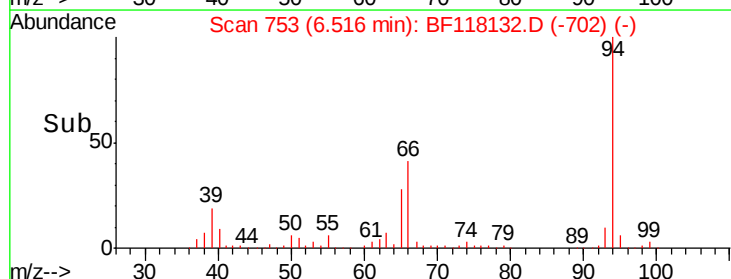
66 40.9 20.2 60.2

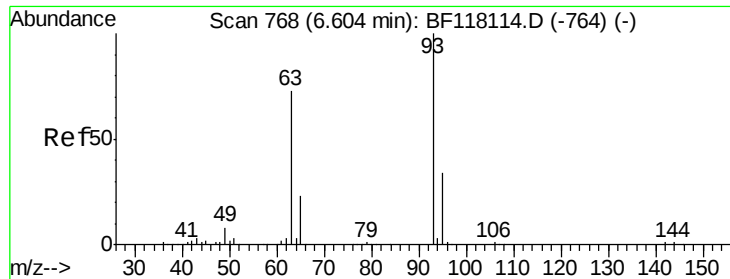


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

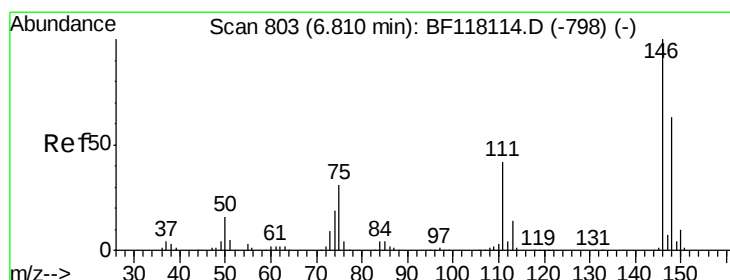
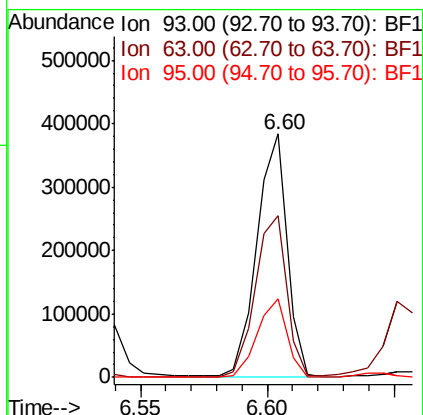
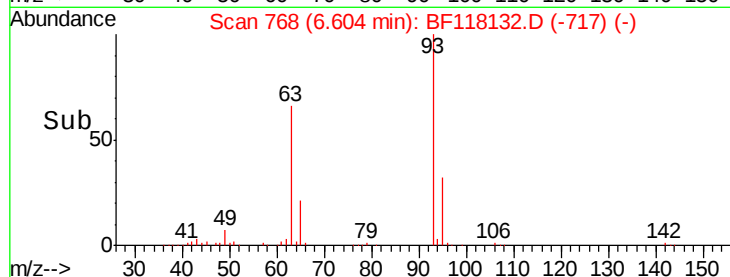
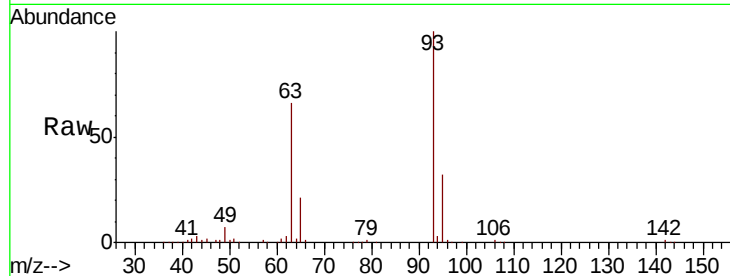




#11
bis(2-Chloroethyl)ether
Concen: 44.140 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

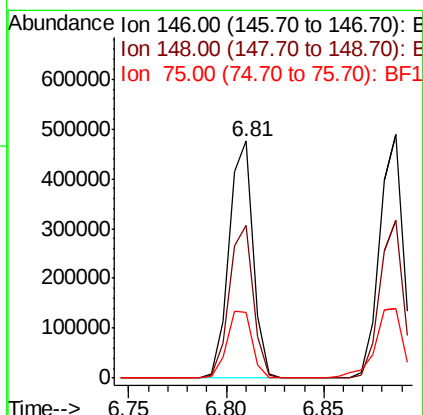
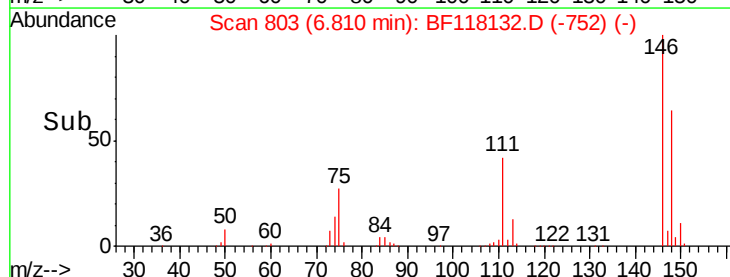
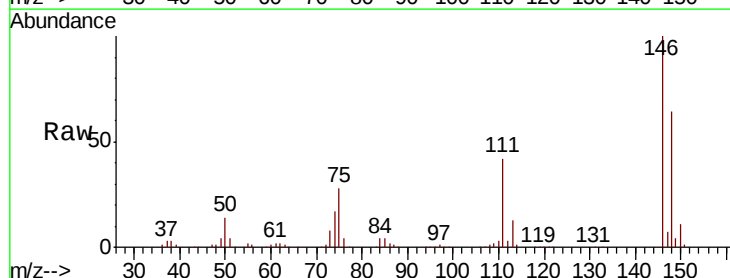
Instrument :
BNA_F
ClientSampled :

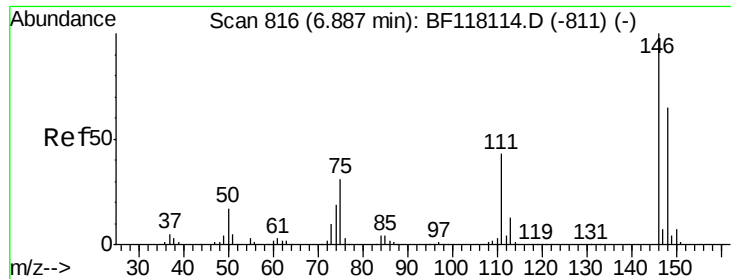
Tot Ion: 93 Resp: 320099
Ion Ratio Lower Upper
93 100
63 66.4 53.2 93.2
95 32.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 42.347 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion: 146 Resp: 405473
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
75 27.7 24.6 37.0

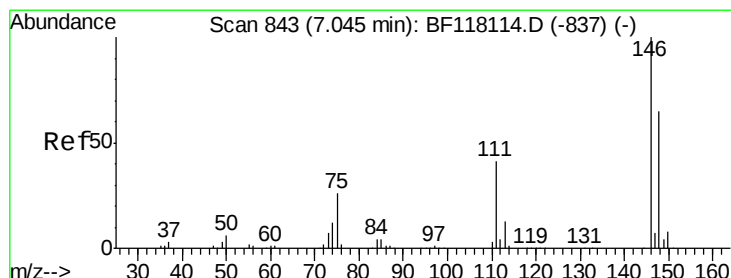
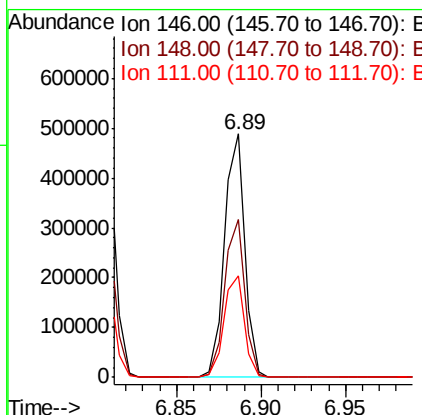
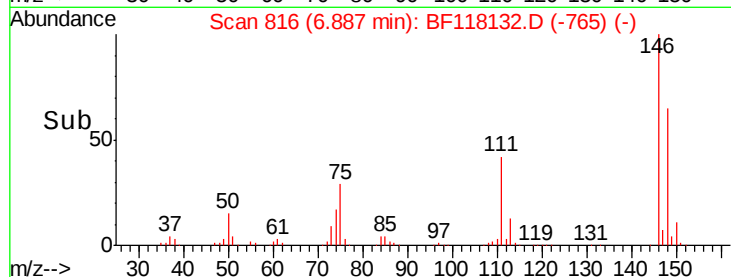
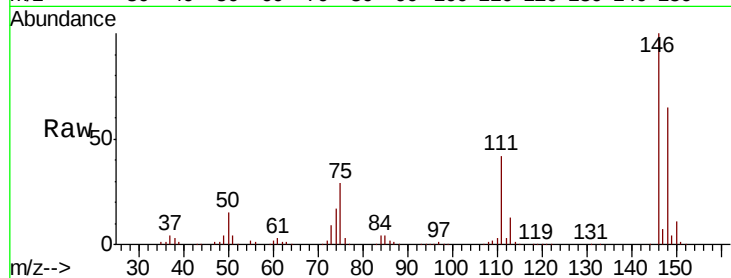




#13
 1,4-Dichlorobenzene
 Concen: 42.415 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

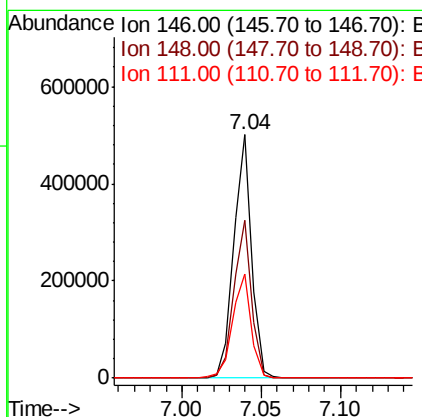
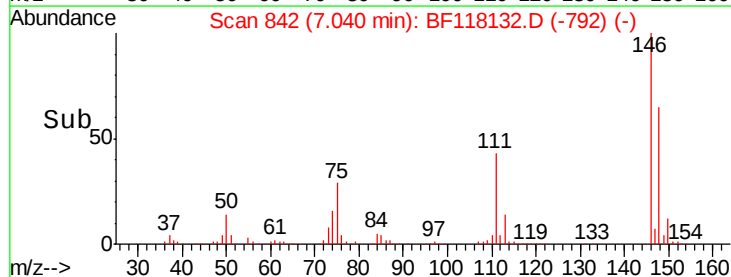
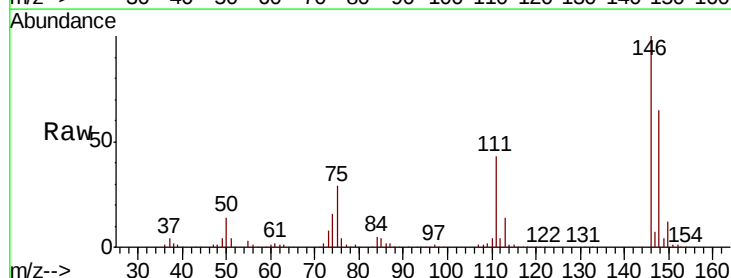
Instrument :
 BNA_F
 ClientSampleId :

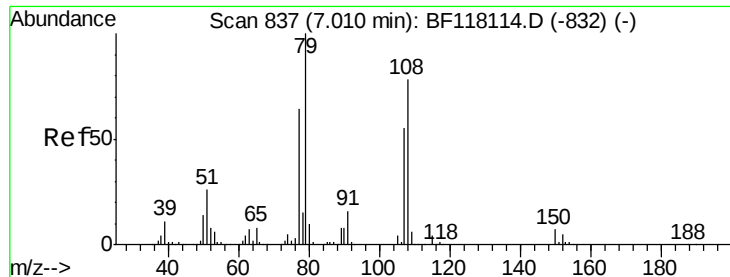
Tot Ion:146 Resp: 408950
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.1 78.1
 111 41.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 43.081 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion:146 Resp: 390072
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 42.9 33.1 49.7

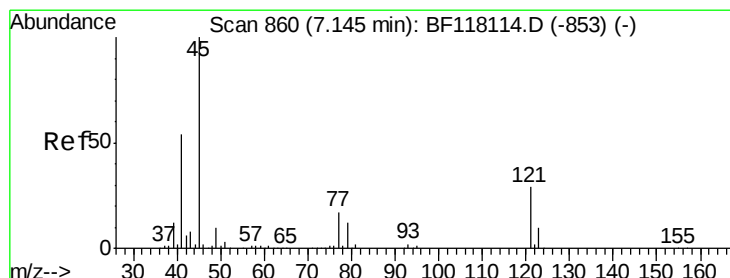
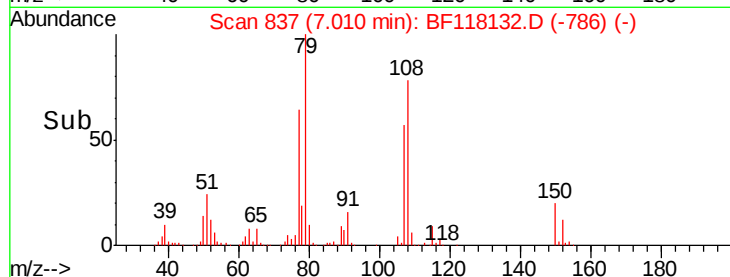
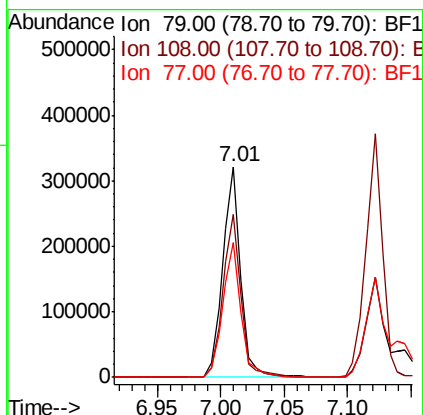
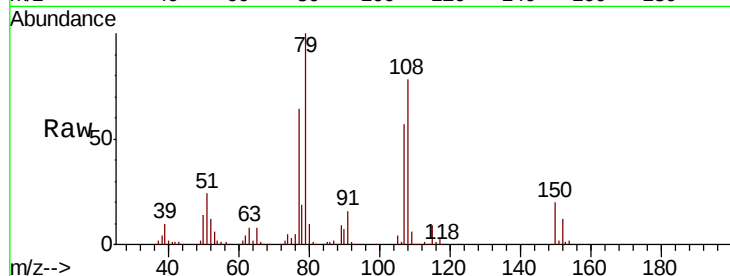




#15
Benzyl Alcohol
Concen: 46.035 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

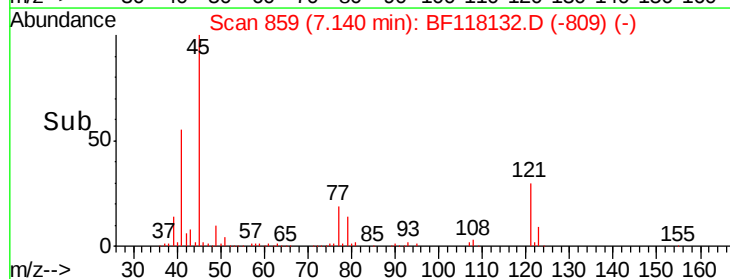
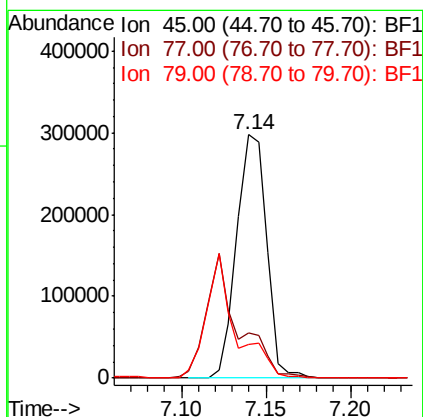
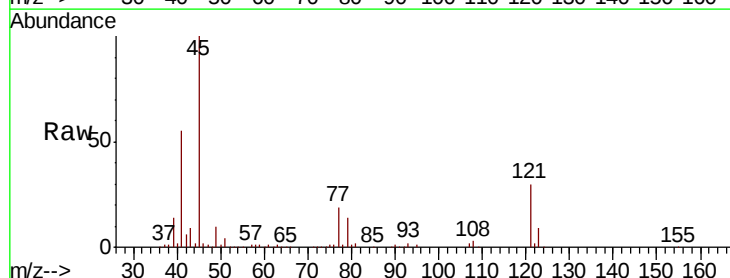
Instrument :
BNA_F
ClientSampleId :

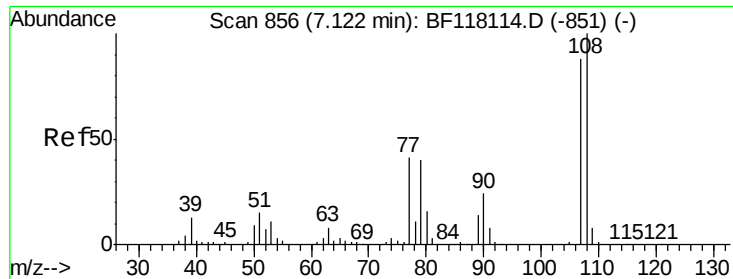
Tot Ion: 79 Resp: 315947
Ion Ratio Lower Upper
79 100
108 77.5 62.7 94.1
77 64.0 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.535 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion: 45 Resp: 370873
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.0
79 13.7 0.0 33.2

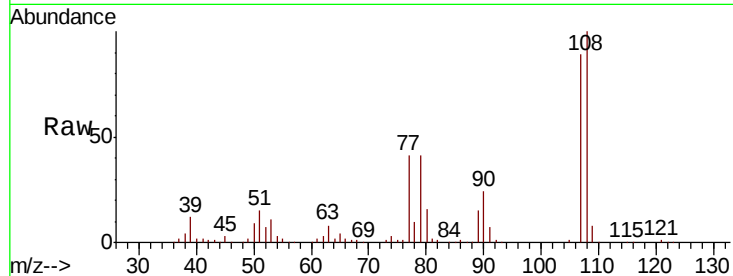




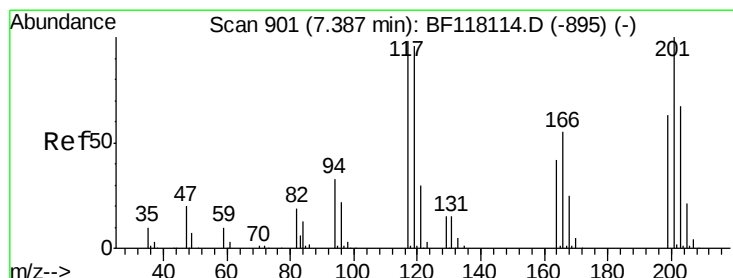
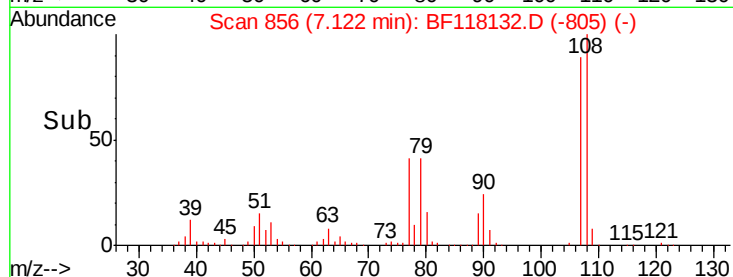
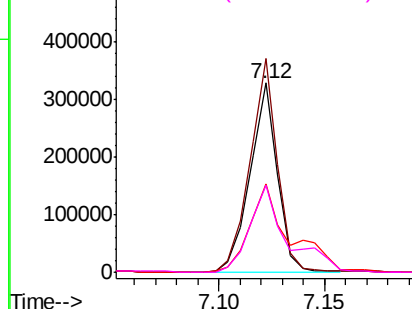
#17
2-Methylphenol
Concen: 45.412 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 296043
Ion Ratio Lower Upper
107 100
108 112.8 91.1 136.7
77 46.5 37.8 56.6
79 46.2 37.0 55.6

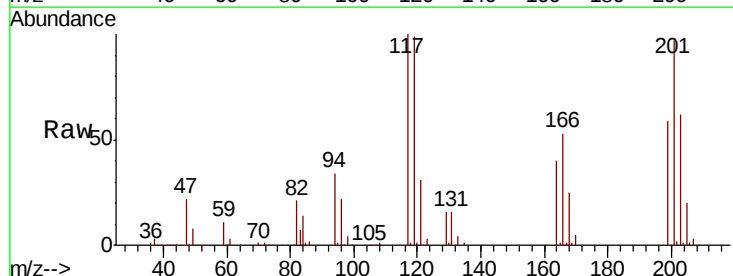


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

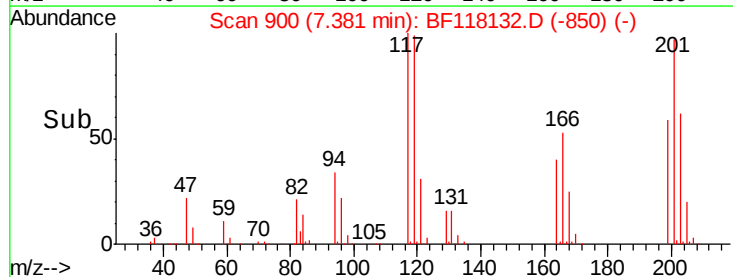
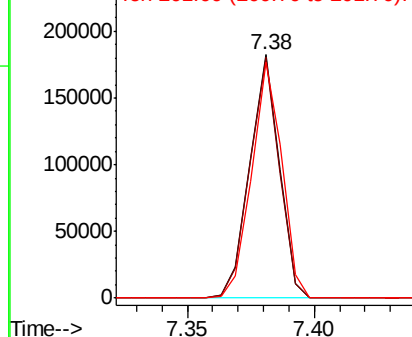


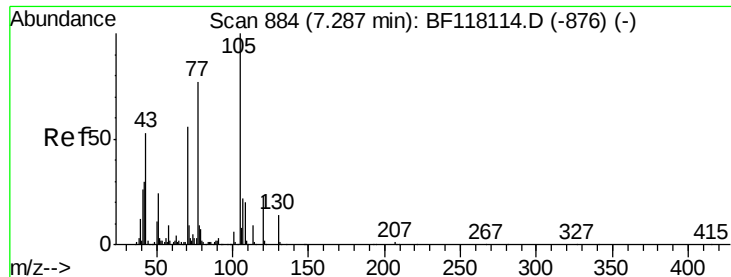
#18
Hexachloroethane
Concen: 41.847 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:117 Resp: 148668
Ion Ratio Lower Upper
117 100
119 98.9 78.2 117.4
201 96.8 81.6 122.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

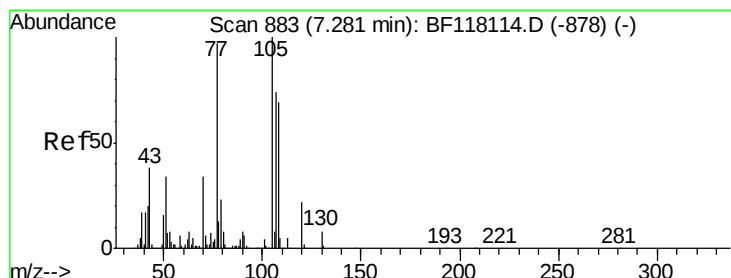
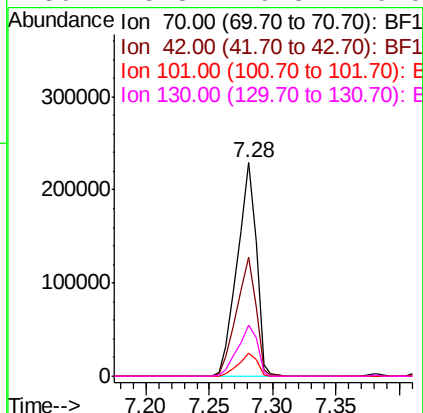
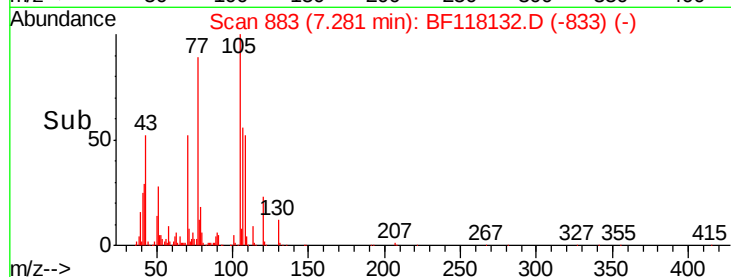
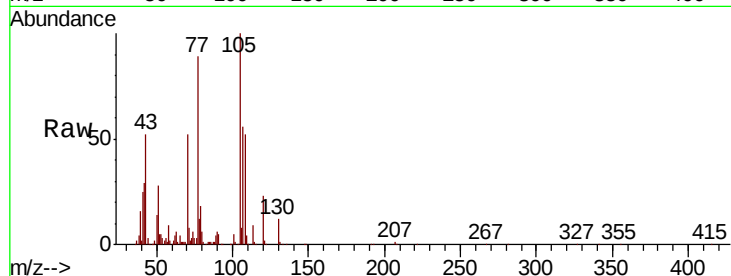




#19
n-Nitroso-di-n-propylamine
Concen: 44.607 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

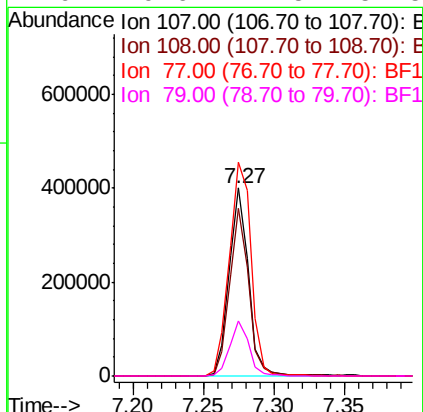
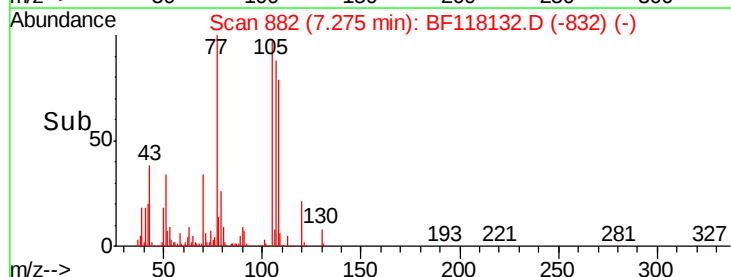
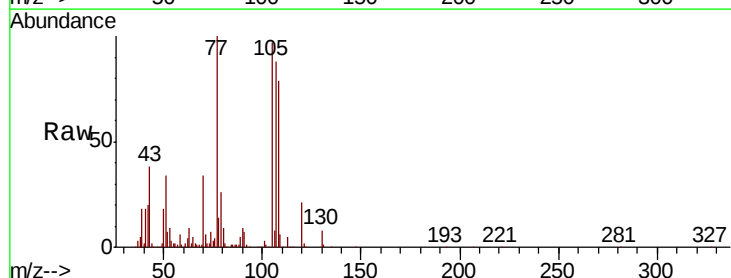
Instrument :
BNA_F
ClientSampleId :

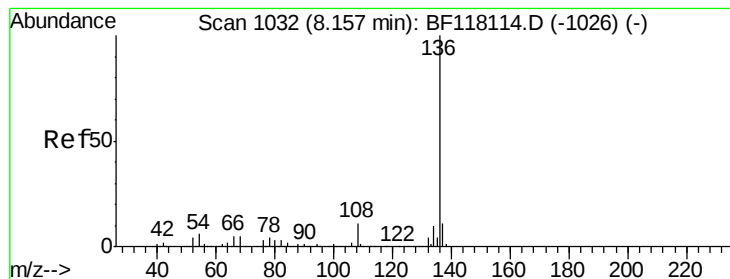
Tot Ion:	70	Resp:	238316
Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.2	64.8
101	10.6	8.1	12.1
130	23.8	19.8	29.8



#20
3+4-Methylphenols
Concen: 46.523 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:	107	Resp:	380951
Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.2	113.2
77	113.6	110.9	150.9
79	29.6	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 505075

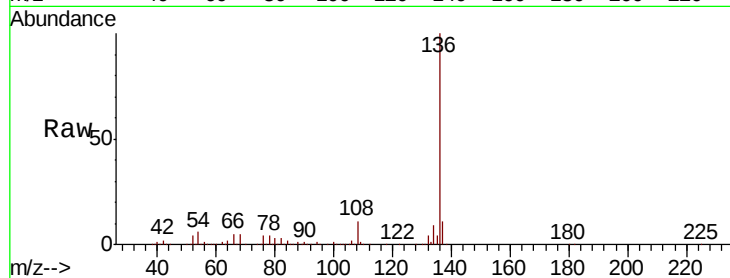
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.5 5.0 7.6

68 4.7 3.8 5.8

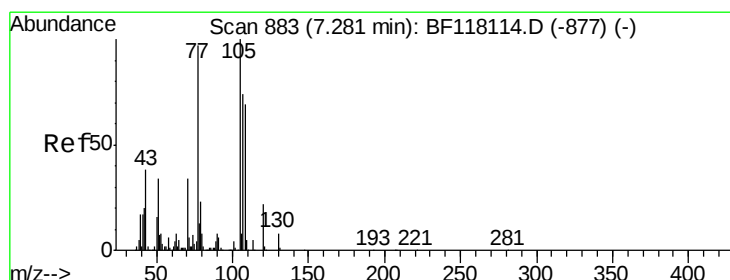
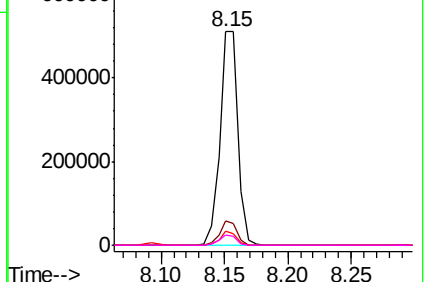
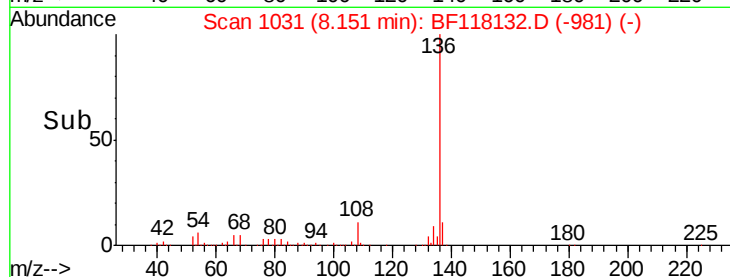


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.697 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:105 Resp: 505959

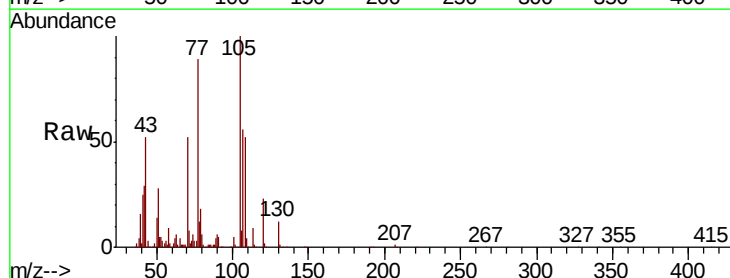
Ion Ratio Lower Upper

105 100

71 8.4 4.7 7.1#

51 28.4 27.1 40.7

120 23.2 17.8 26.6

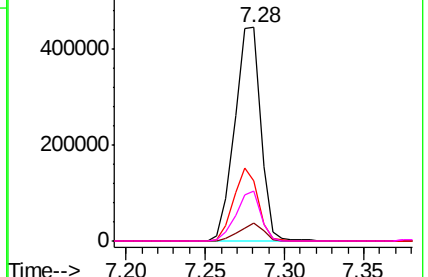
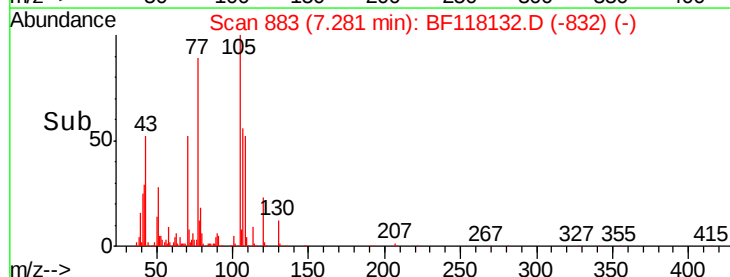


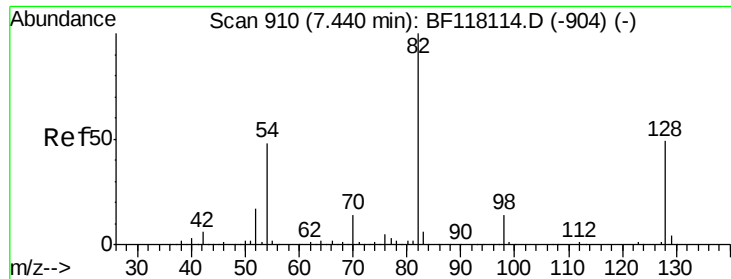
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

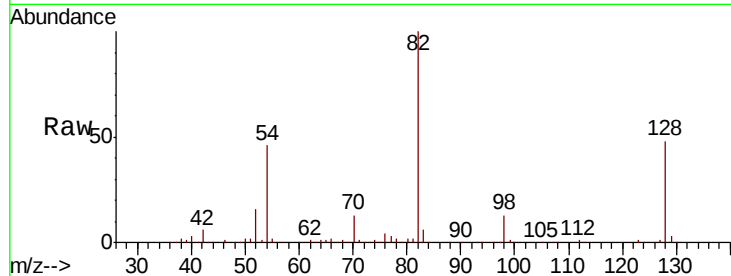




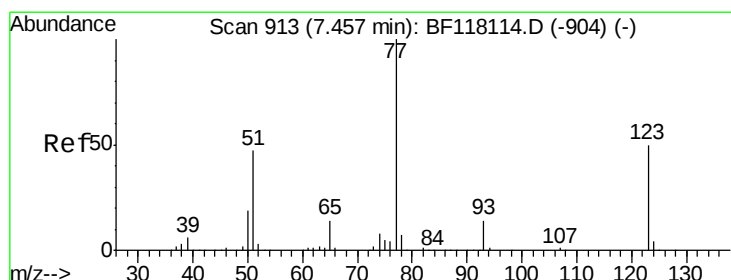
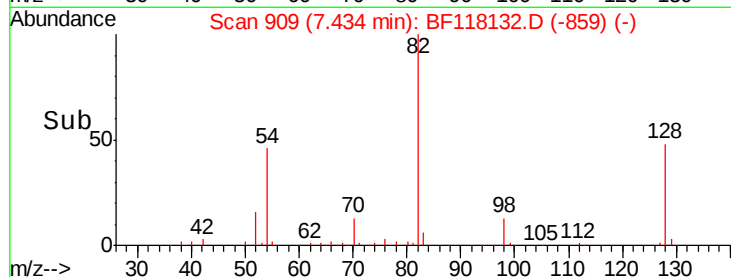
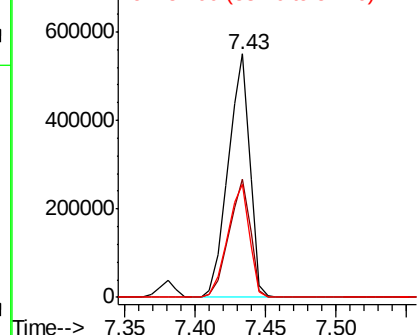
#23
 Nitrobenzene-d5
 Concen: 65.097 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.1	58.7
54	46.4	38.2	57.2

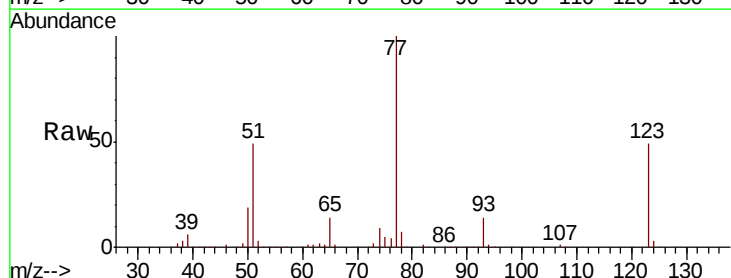


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

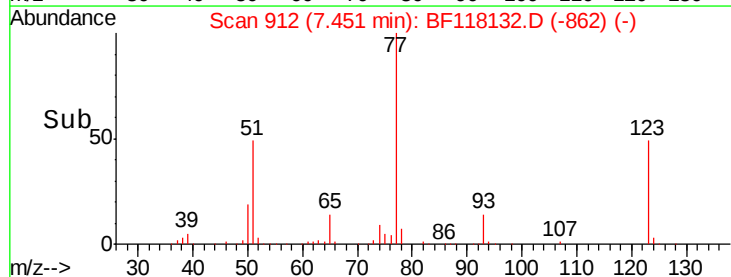
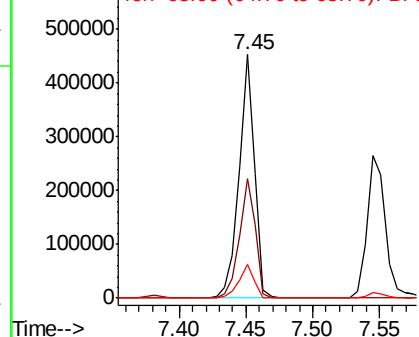


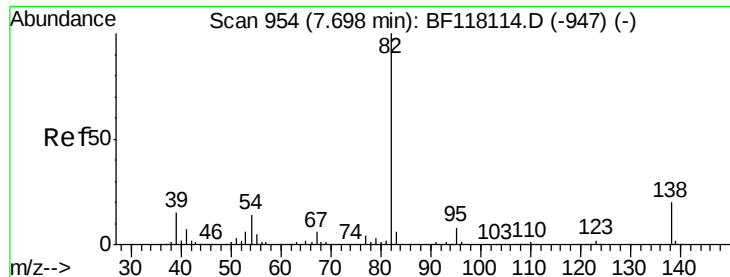
#24
 Nitrobenzene
 Concen: 42.100 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	40.1	60.1
65	13.7	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.599 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

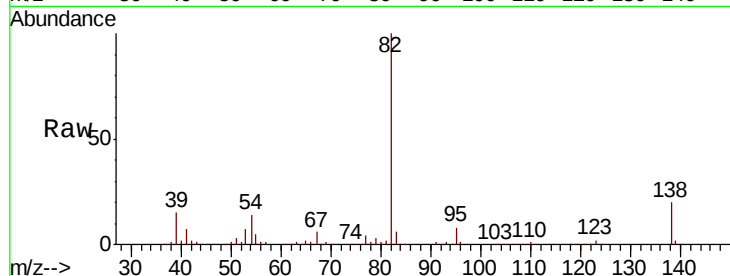
Tot Ion: 82 Resp: 663558

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

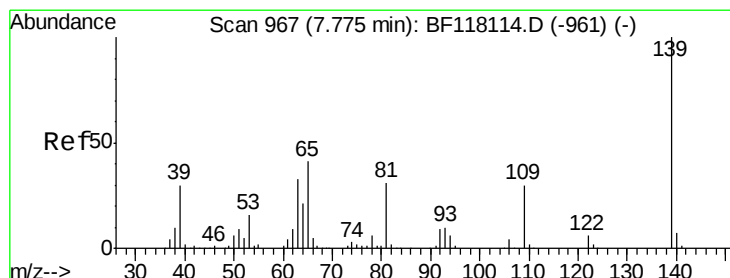
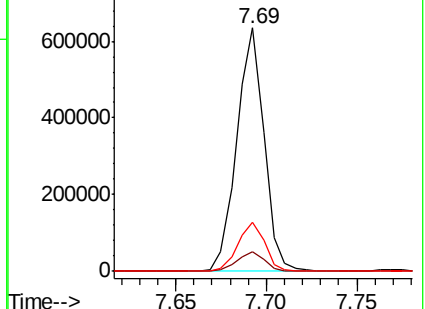
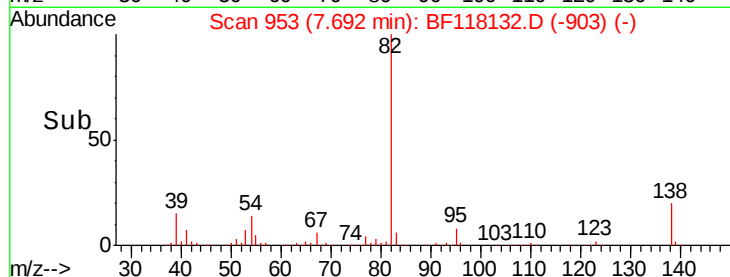
138 20.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.178 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

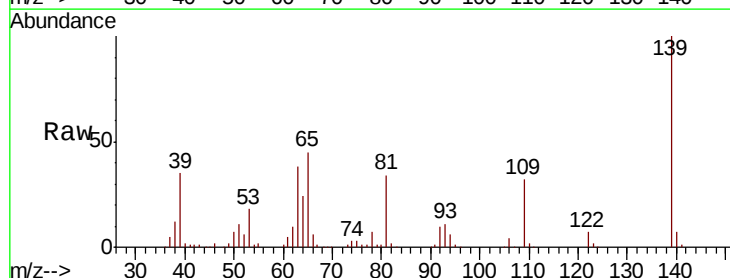
Tgt Ion: 139 Resp: 212994

Ion Ratio Lower Upper

139 100

109 31.8 23.9 35.9

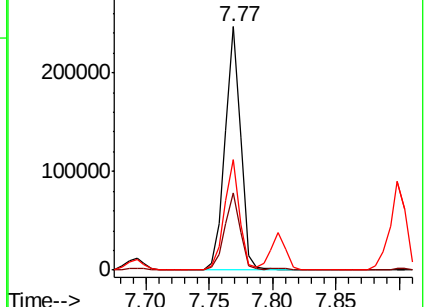
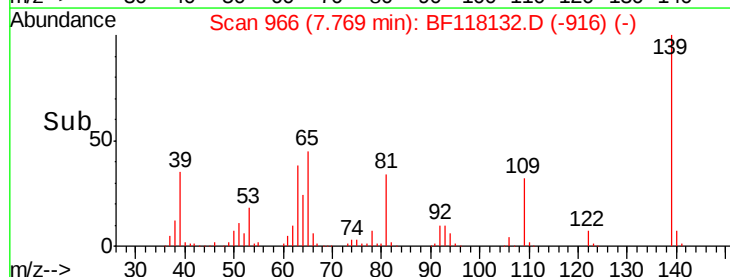
65 45.5 33.0 49.6

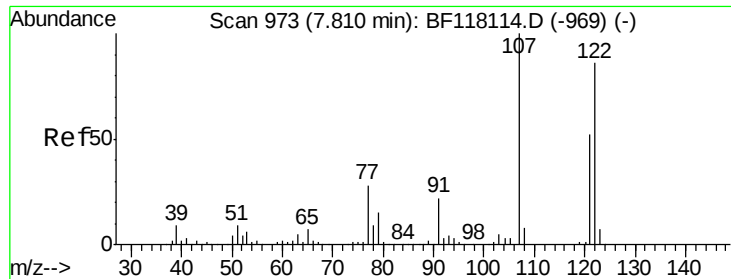


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

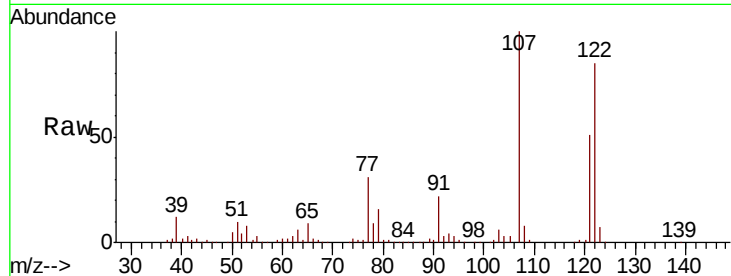




#27
2,4-Dimethylphenol
Concen: 50.917 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.9	139.3
121	60.3	48.3	72.5

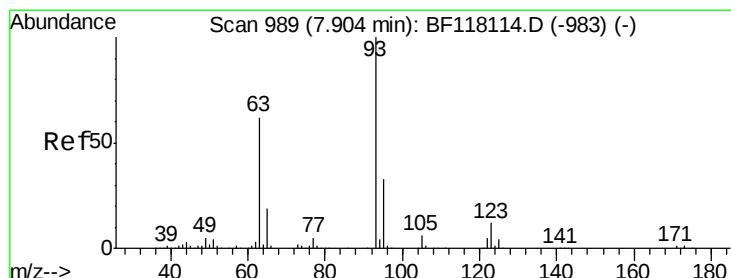
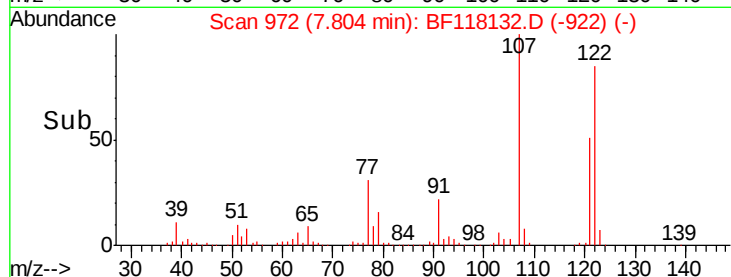
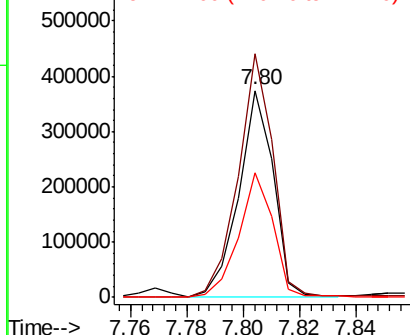


Abundance

Ion 122.00 (121.70 to 122.70): E

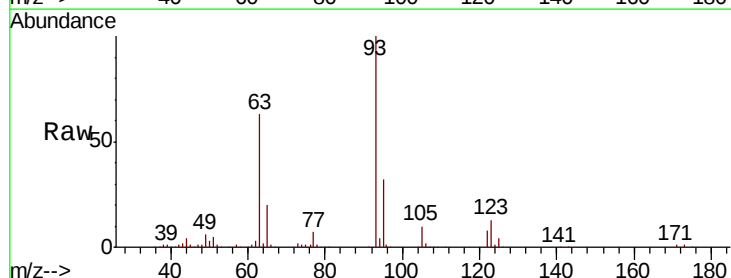
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.776 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.7	40.1
123	12.7	10.0	15.0

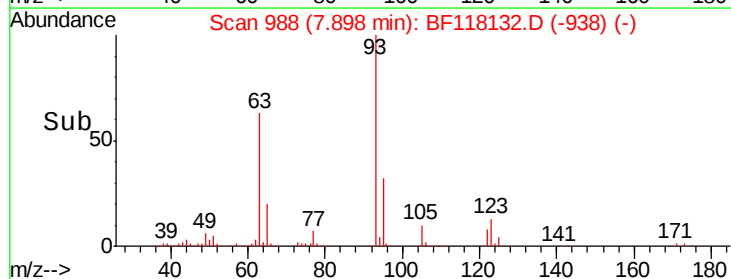
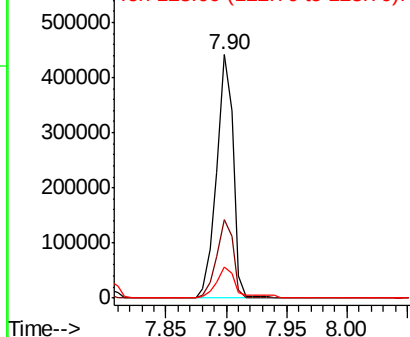


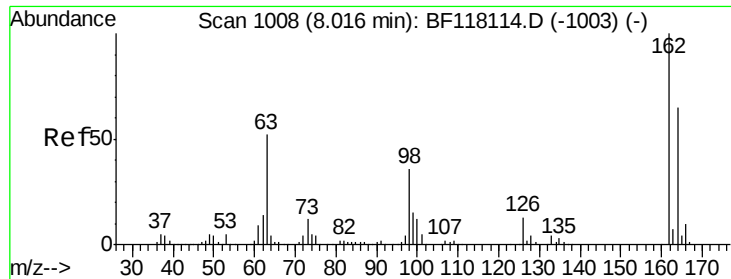
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

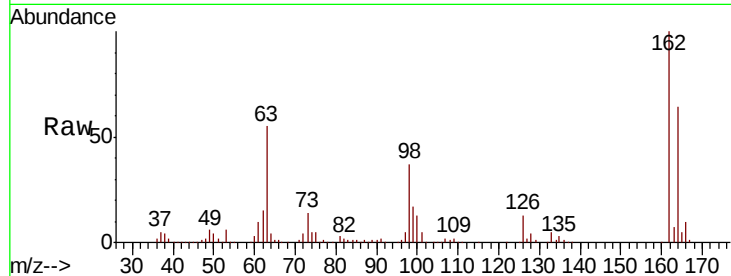




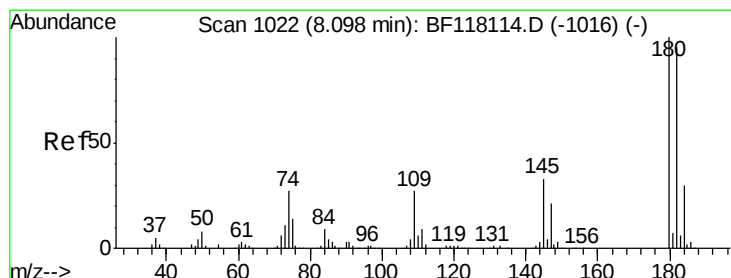
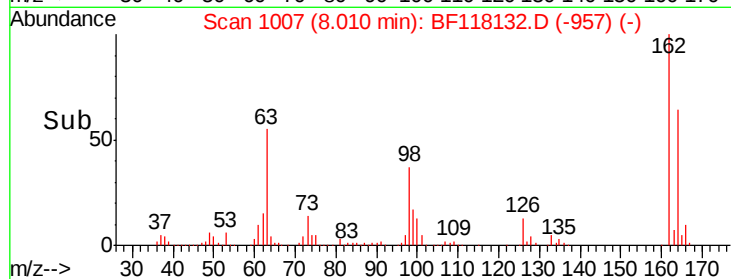
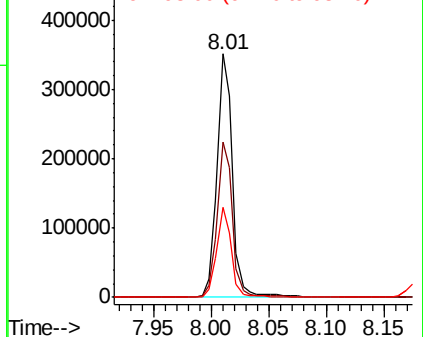
#29
2,4-Dichlorophenol
Concen: 44.433 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.2	85.2
98	37.0	15.9	55.9

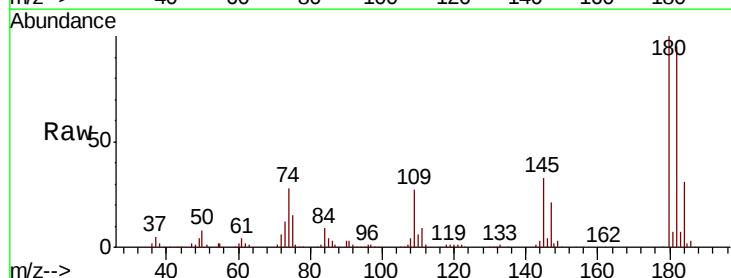


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

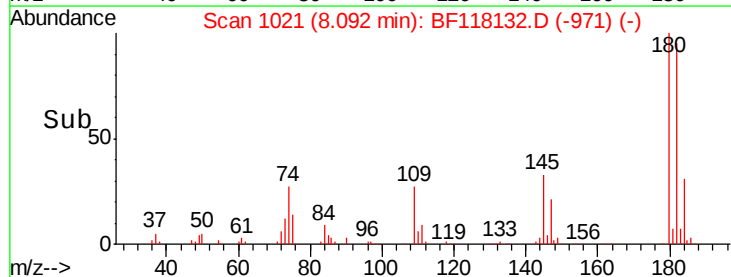
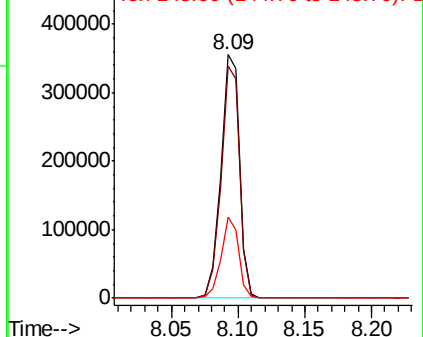


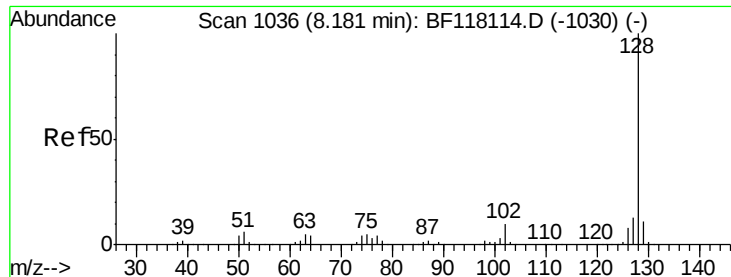
#30
1,2,4-Trichlorobenzene
Concen: 40.936 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.1	114.1
145	33.2	26.1	39.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

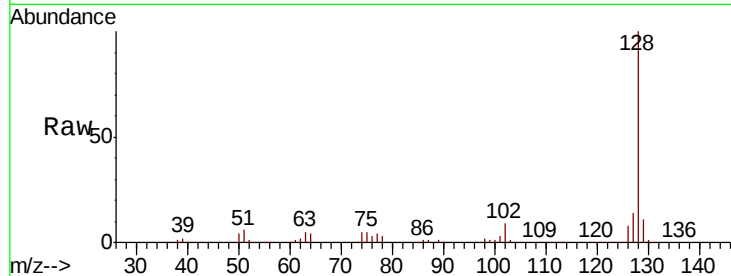




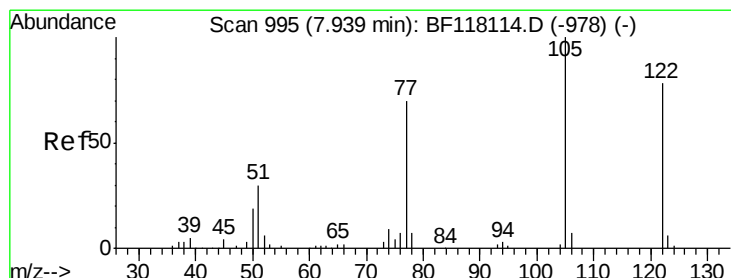
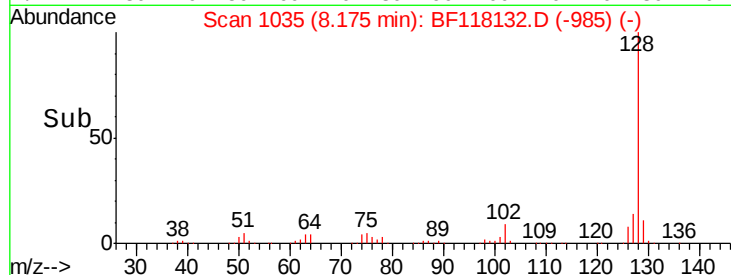
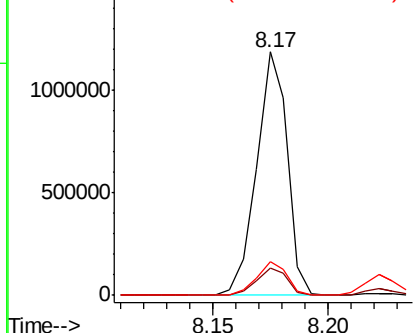
#31
Naphthalene
Concen: 43.443 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1101977
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.7 10.6 16.0

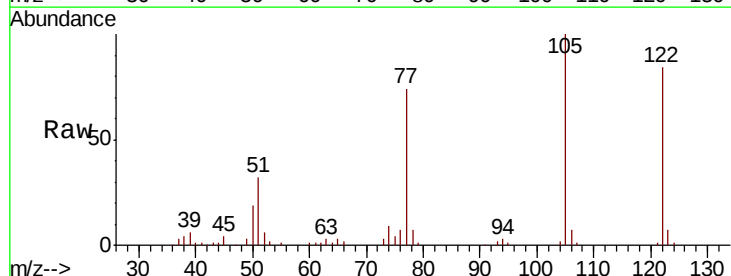


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

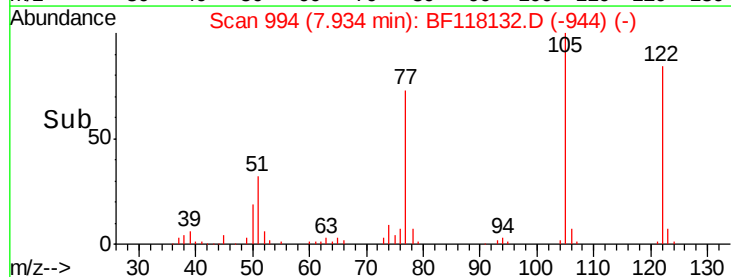
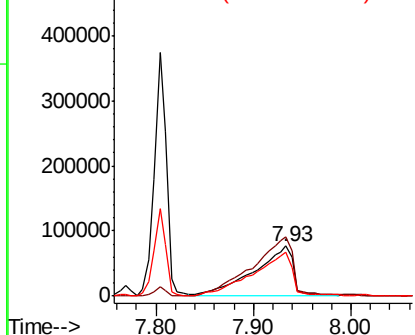


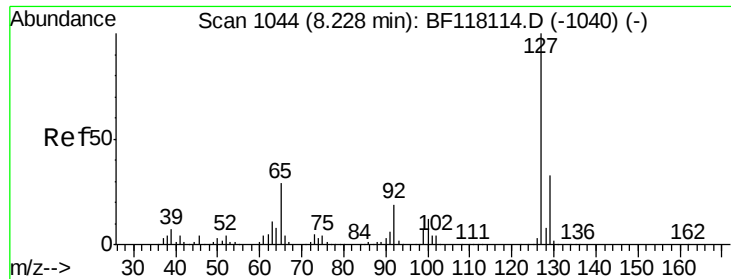
#32
Benzoic acid
Concen: 37.406 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:122 Resp: 212397
Ion Ratio Lower Upper
122 100
105 118.7 104.7 144.7
77 88.3 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

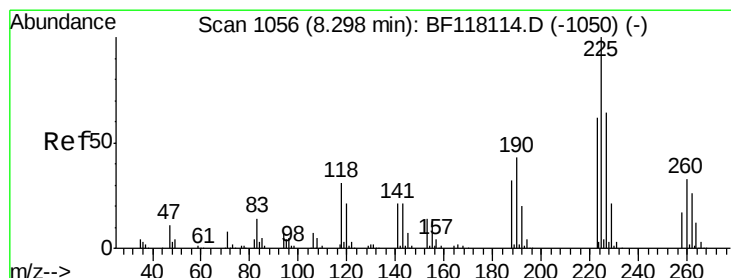
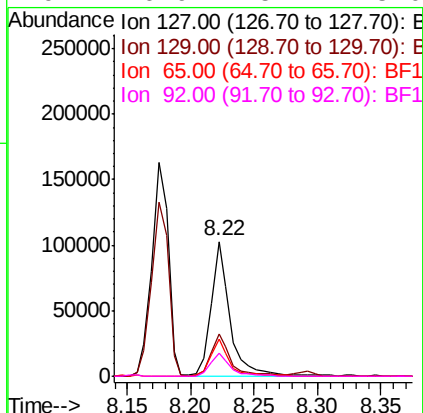
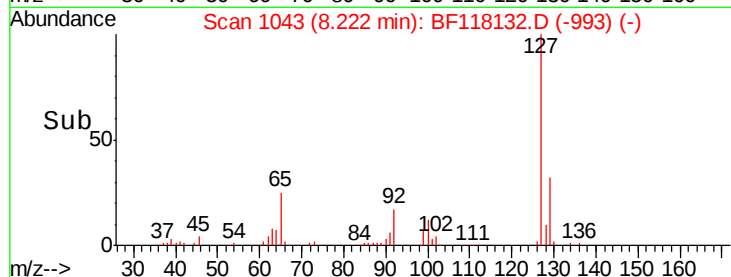
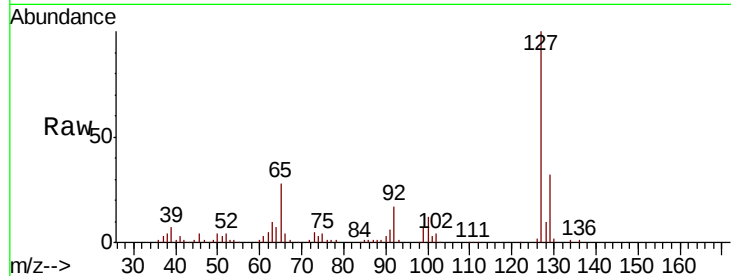




#33
4-Chloroaniline
Concen: 9.778 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

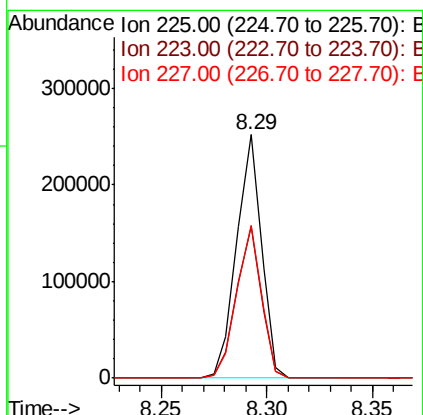
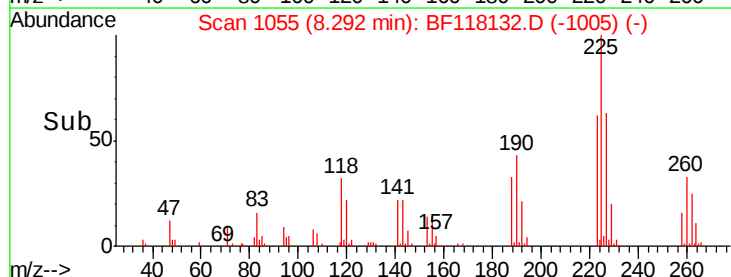
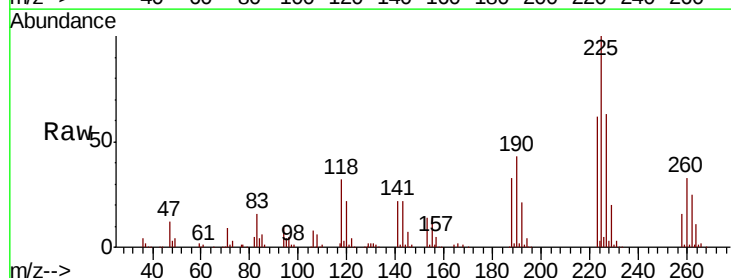
Instrument :
BNA_F
ClientSampled :

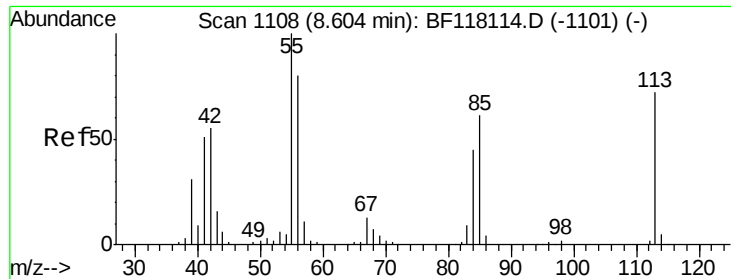
Tot Ion:	127	Resp:	107100
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	27.5	23.2	34.8
92	16.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.964 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:	225	Resp:	205317
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.6	74.4
227	62.6	51.0	76.6

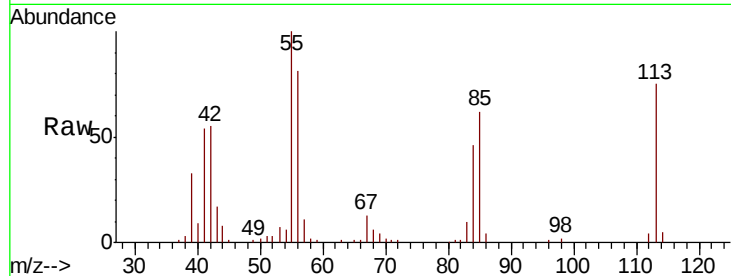




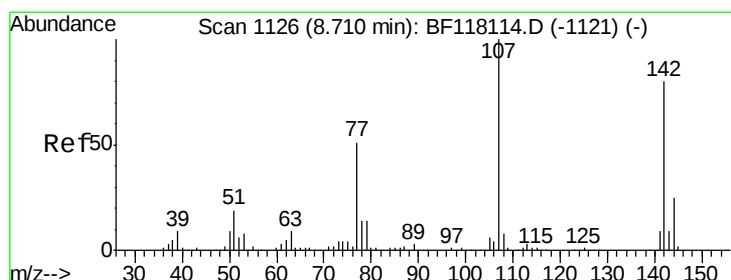
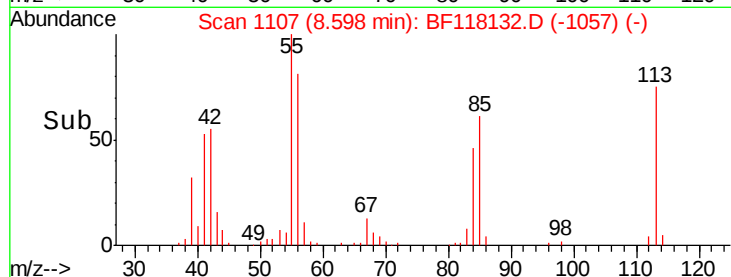
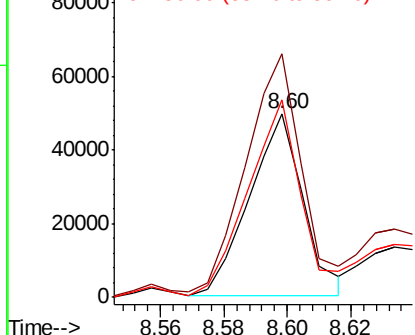
#35
Caprolactam
Concen: 25.756 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 58230
Ion Ratio Lower Upper
113 100
55 132.6 118.9 158.9
56 107.6 91.4 131.4

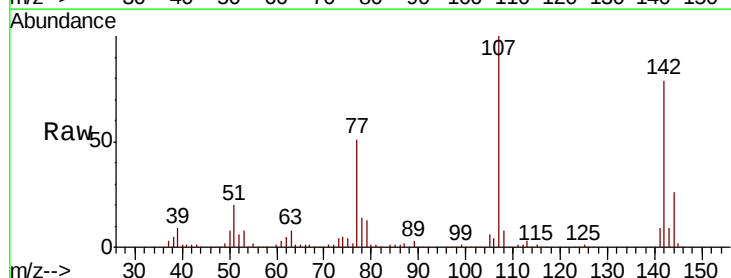


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

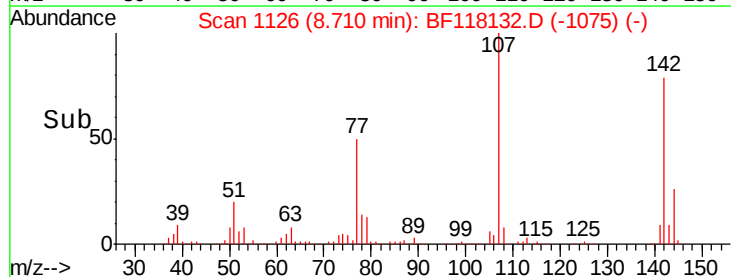
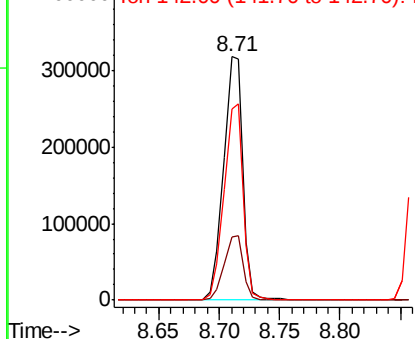


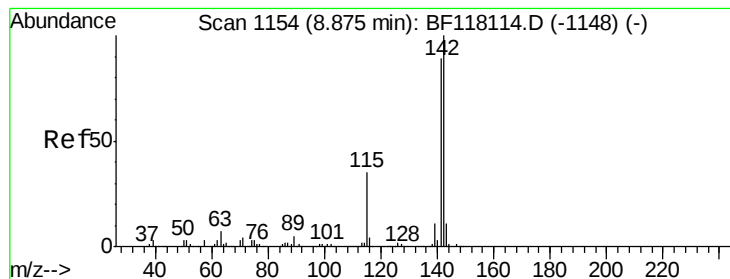
#36
4-Chloro-3-methylphenol
Concen: 45.570 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:107 Resp: 351571
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 78.5 63.7 95.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.006 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampled :

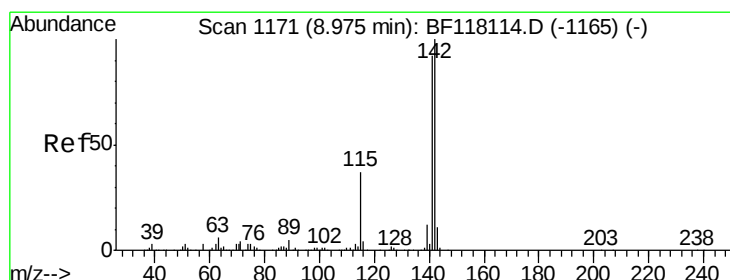
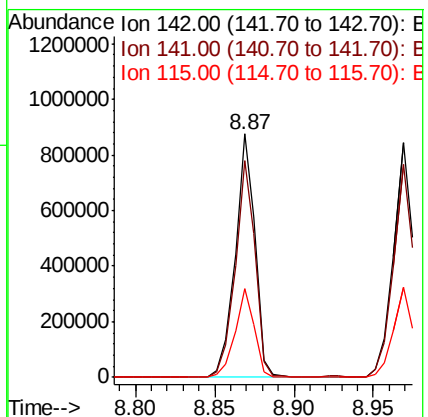
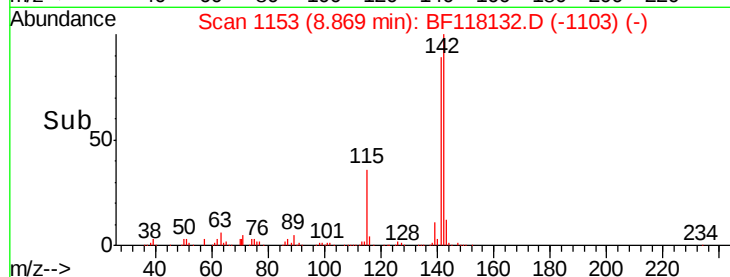
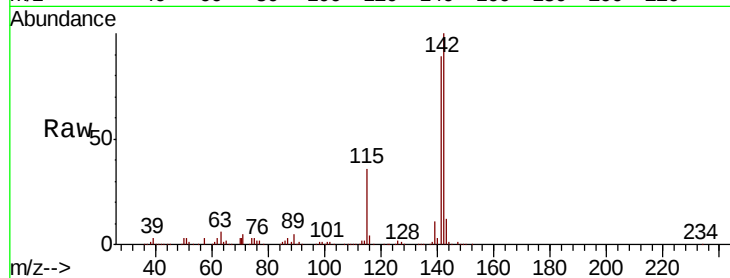
Tot Ion:142 Resp: 755715

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.0

115 36.4 28.2 42.4



#38

1-Methylnaphthalene

Concen: 43.755 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

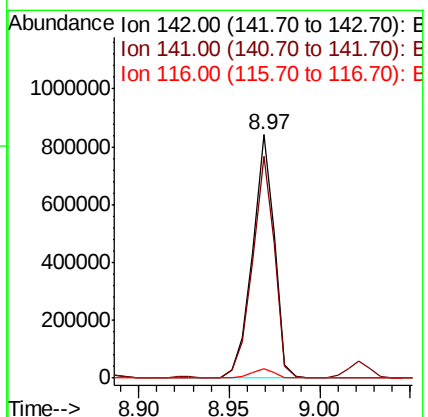
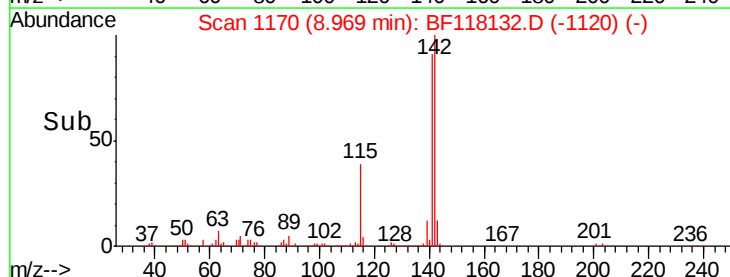
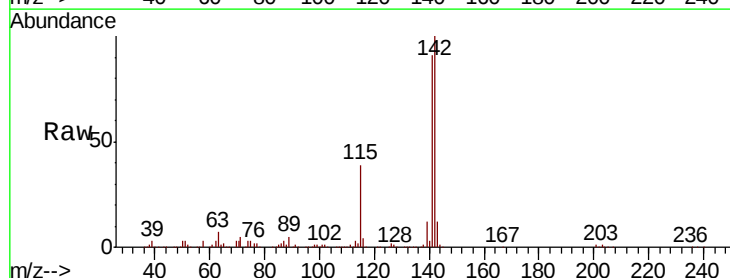
Tgt Ion:142 Resp: 705517

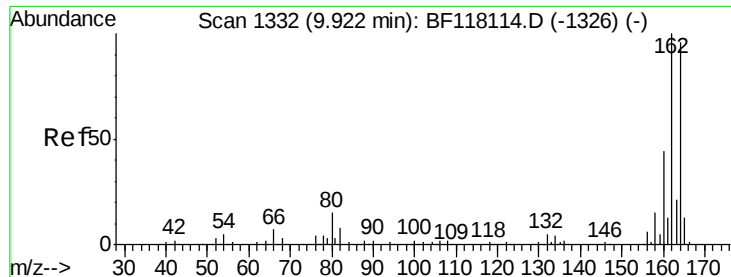
Ion Ratio Lower Upper

142 100

141 91.0 74.0 111.0

116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

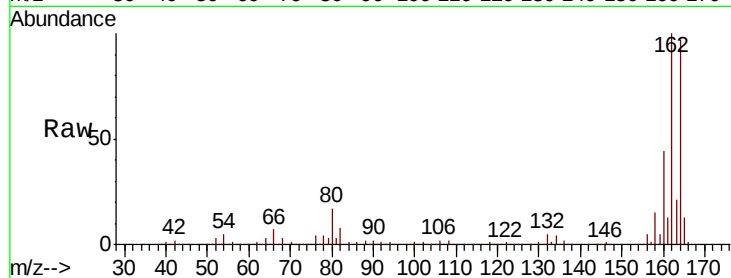
Tot Ion:164 Resp: 273135

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

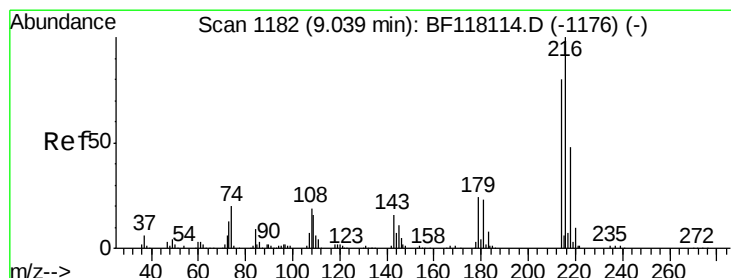
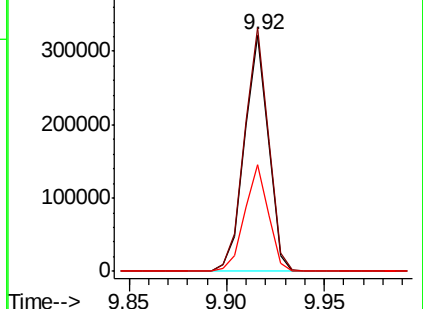
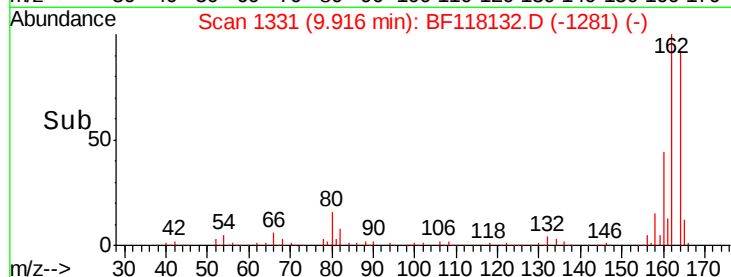
160 45.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.037 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:216 Resp: 339554

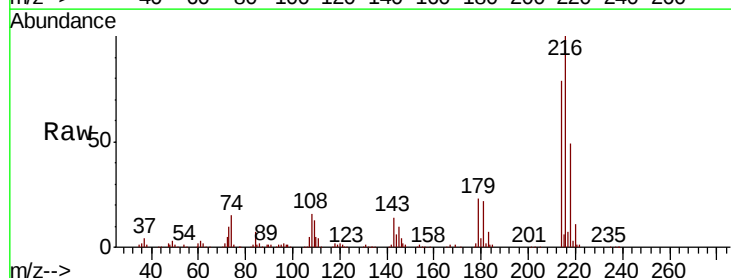
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 23.5 18.6 27.8

108 21.3 15.4 23.0

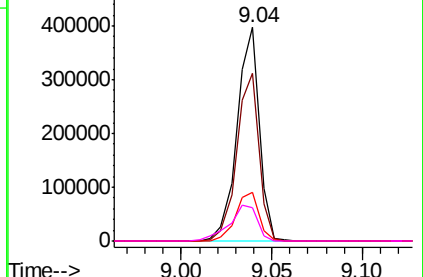
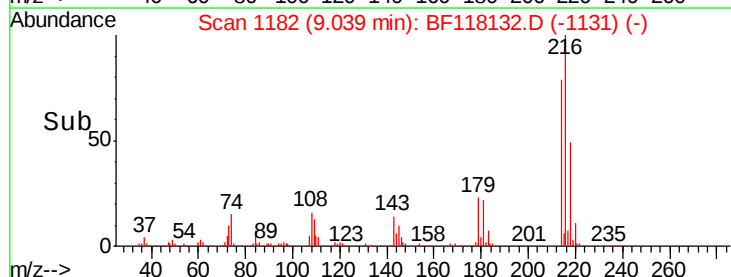


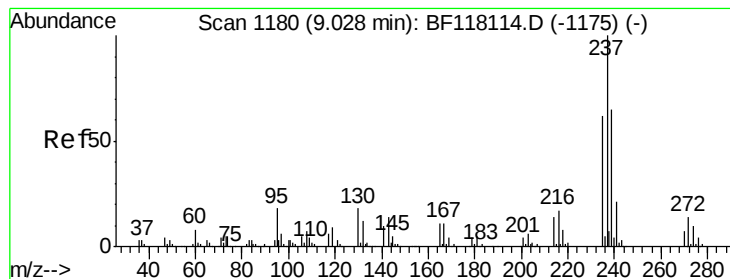
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.816 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampled :

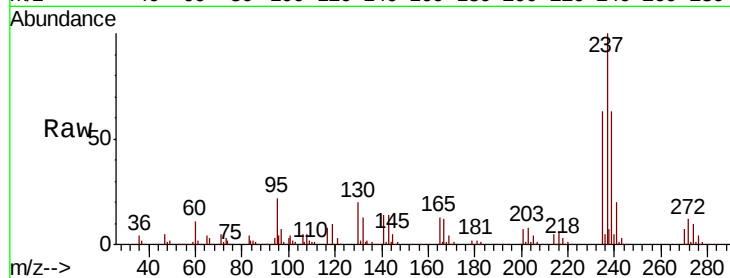
Tot Ion:237 Resp: 362629

Ion Ratio Lower Upper

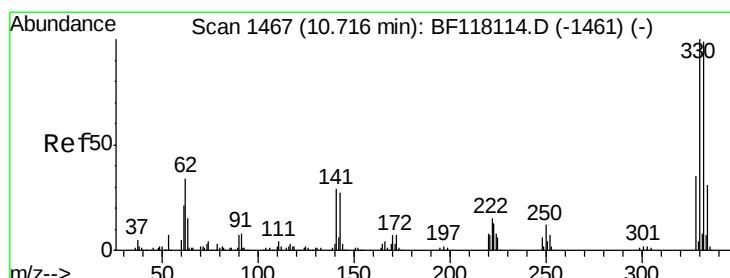
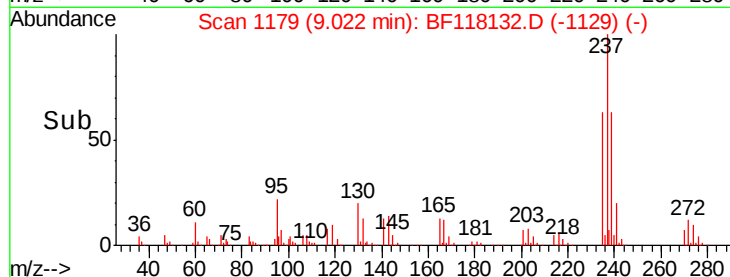
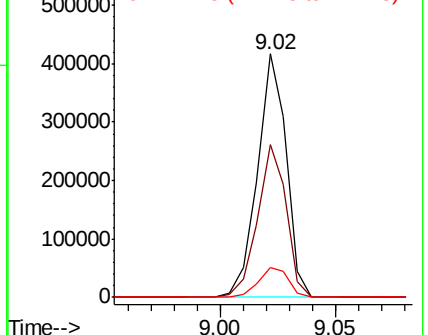
237 100

235 62.8 41.5 81.5

272 12.2 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.606 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

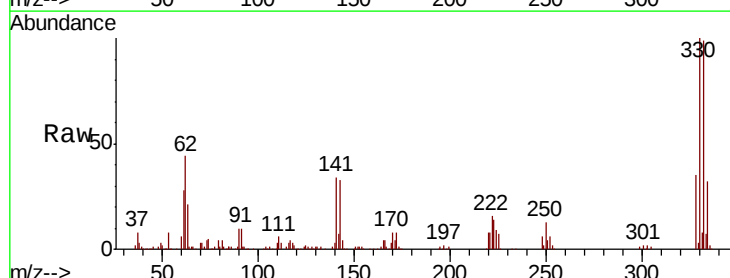
Tgt Ion:330 Resp: 350412

Ion Ratio Lower Upper

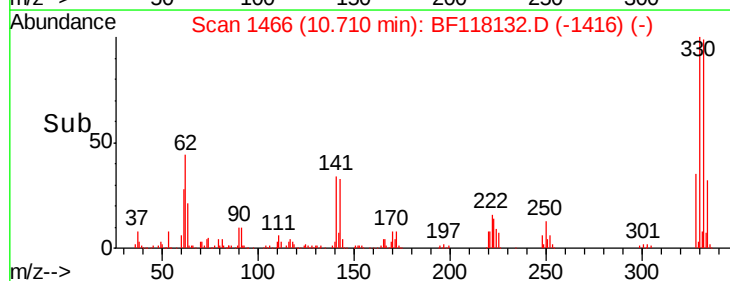
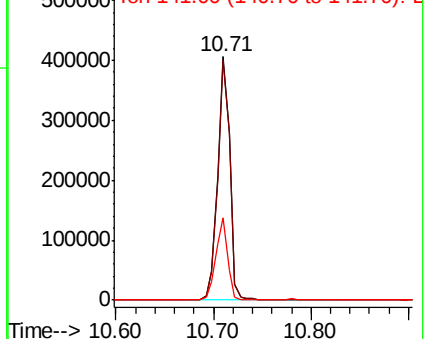
330 100

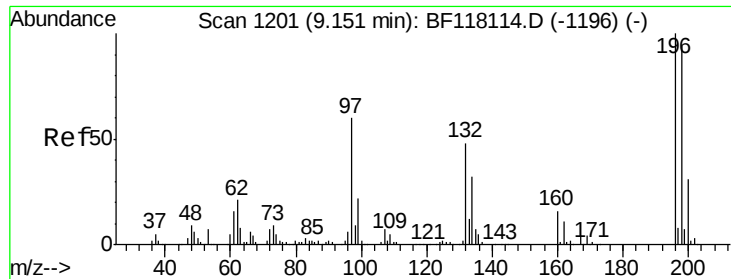
332 98.7 78.1 117.1

141 32.7 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

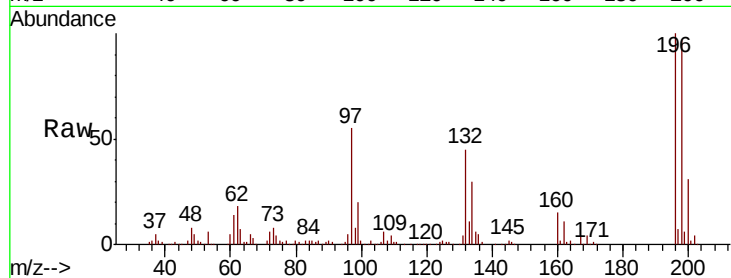




#43
 2,4,6-Trichlorophenol
 Concen: 43.193 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	238620
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.0	112.4
200	30.8	24.5	36.7

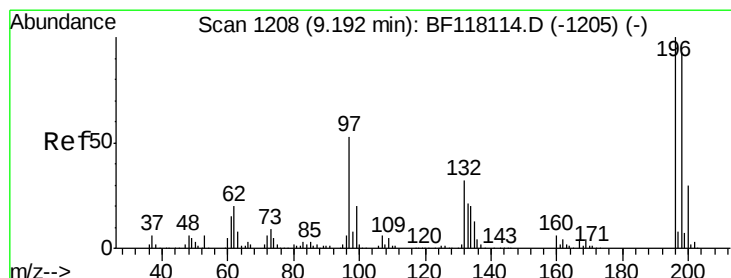
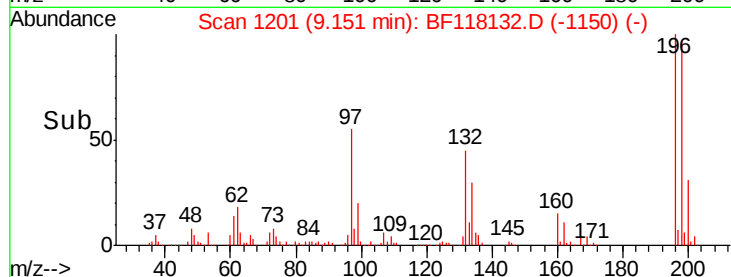
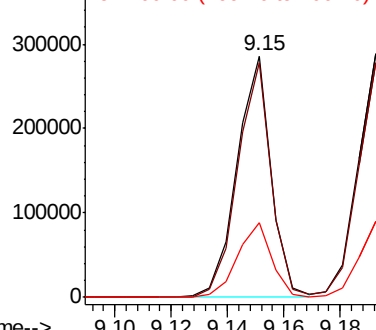


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.075 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	196	Resp	257994
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.2	111.4
97	50.9	42.5	63.7
132	30.2	25.4	38.2

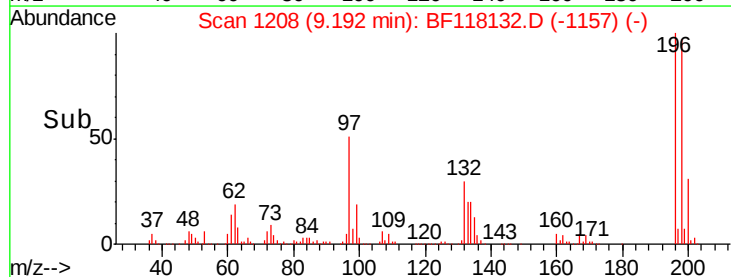
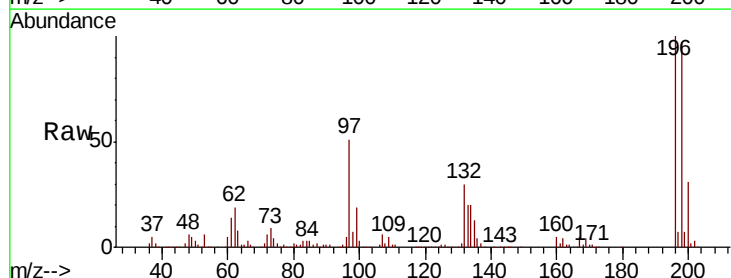
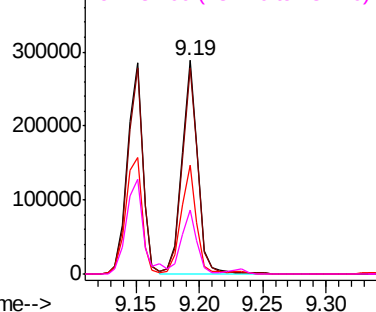
Abundance

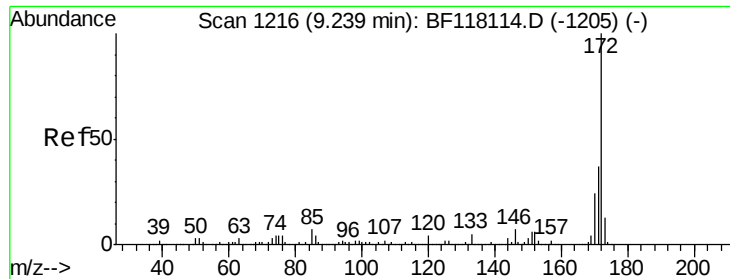
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

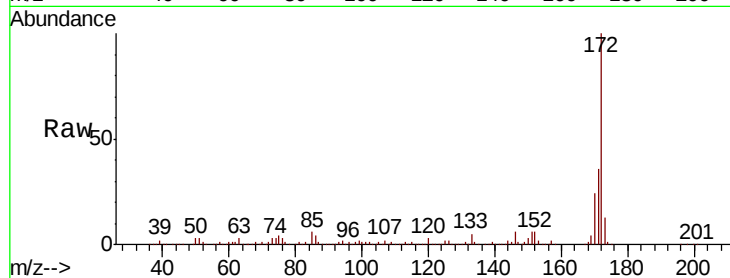




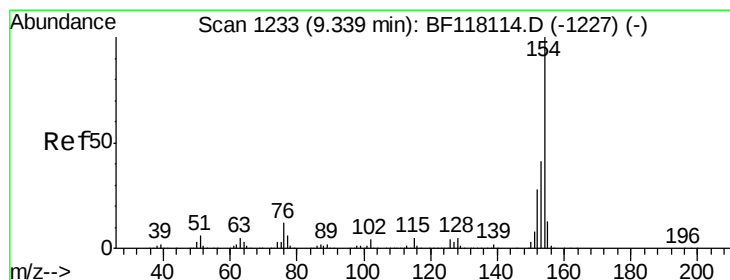
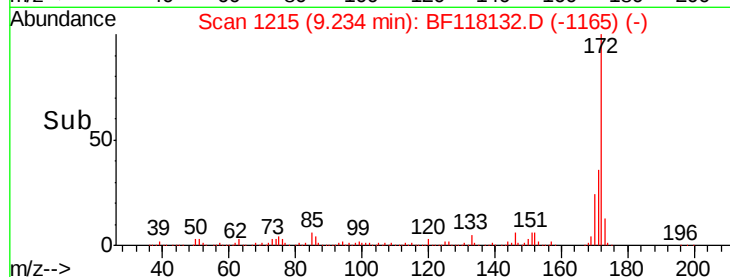
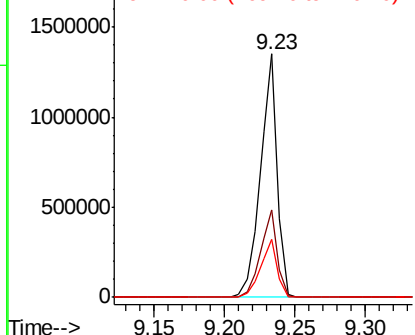
#45
2-Fluorobiphenyl
Concen: 63.291 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1136066
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.0 19.4 29.2

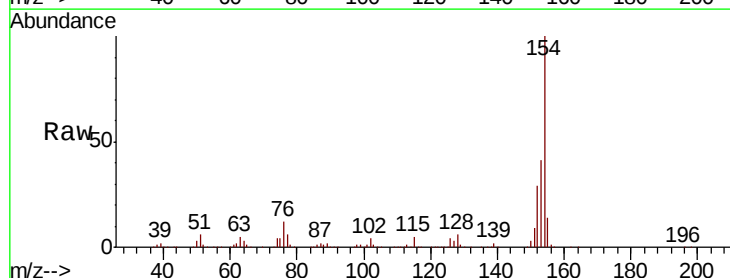


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

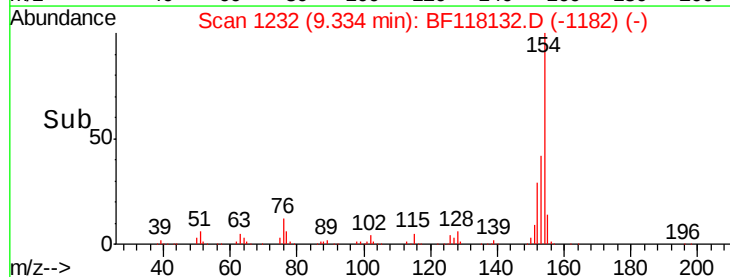
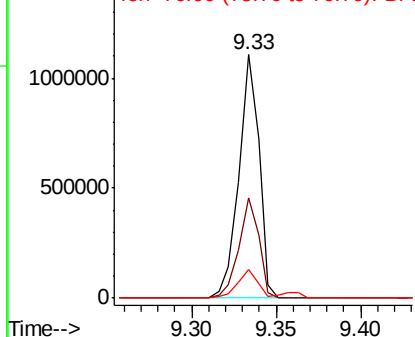


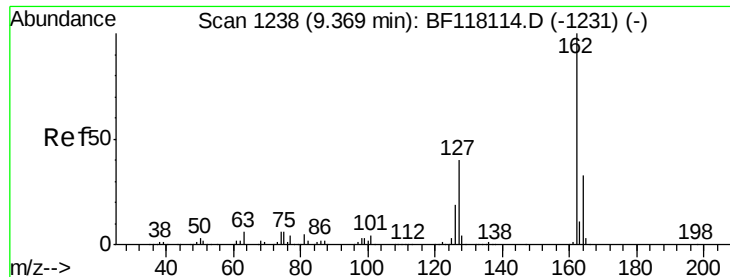
#46
1,1'-Biphenyl
Concen: 42.655 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:154 Resp: 918868
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 11.8 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

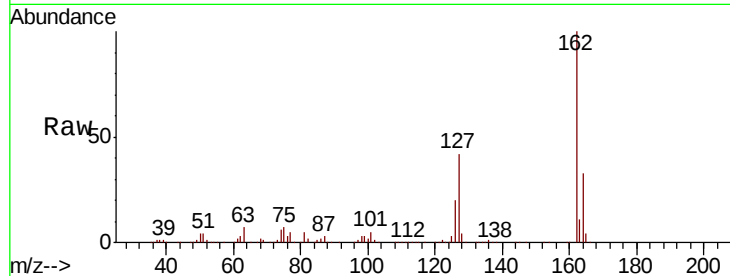




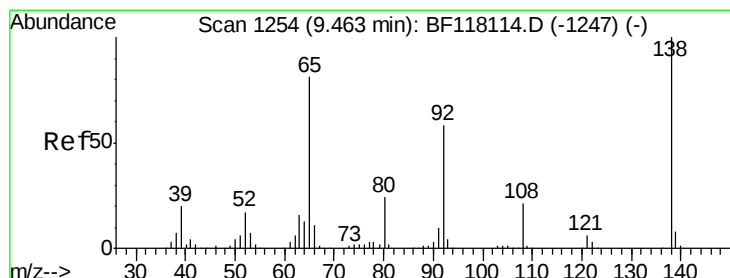
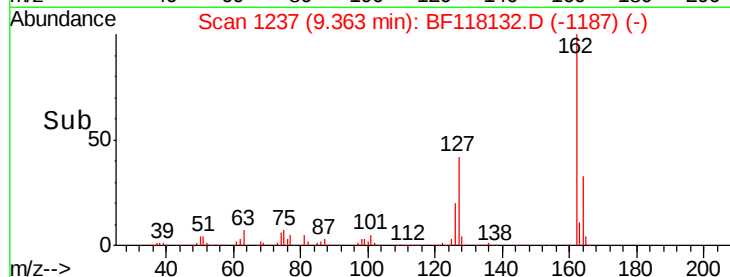
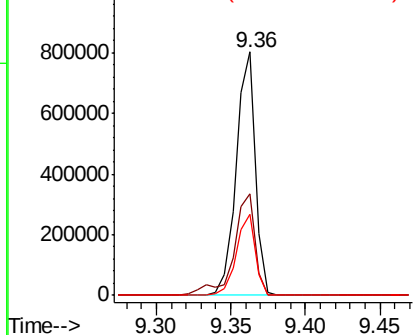
#47
 2-Chloronaphthalene
 Concen: 41.680 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.0	48.0
164	33.2	26.1	39.1

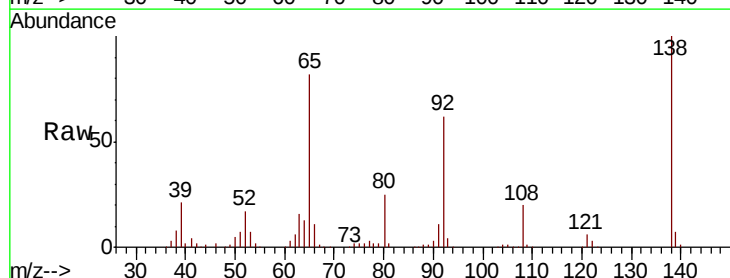


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

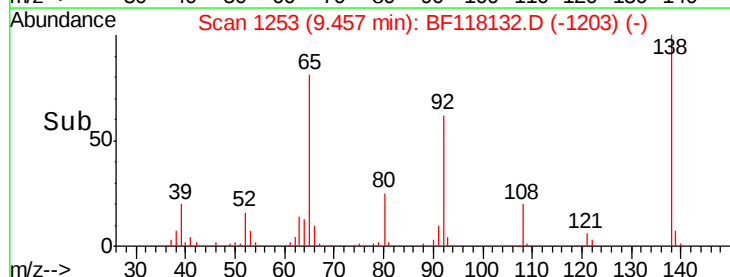
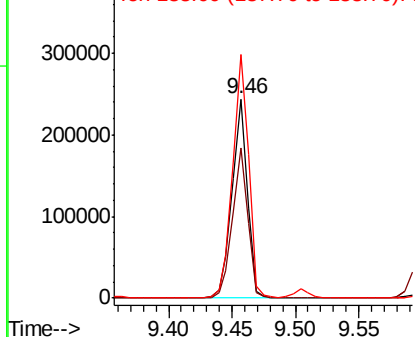


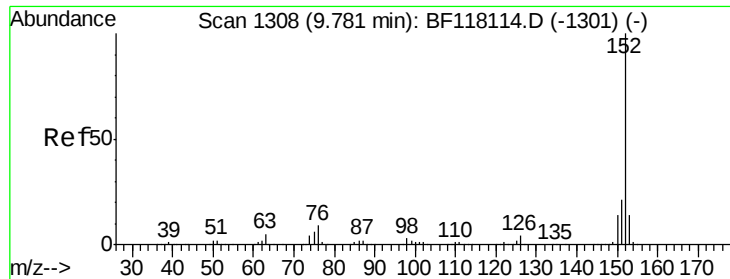
#48
 2-Nitroaniline
 Concen: 41.615 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	57.8	86.6
138	122.1	98.8	148.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.340 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

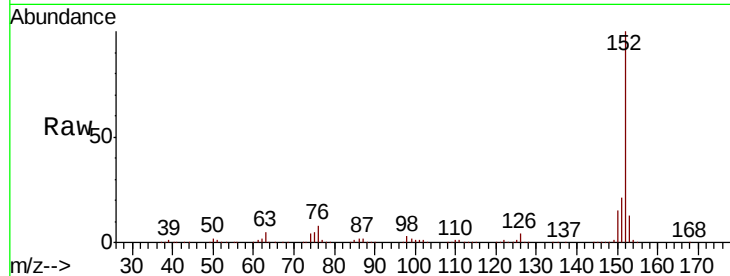
Tot Ion:152 Resp: 1158819

Ion Ratio Lower Upper

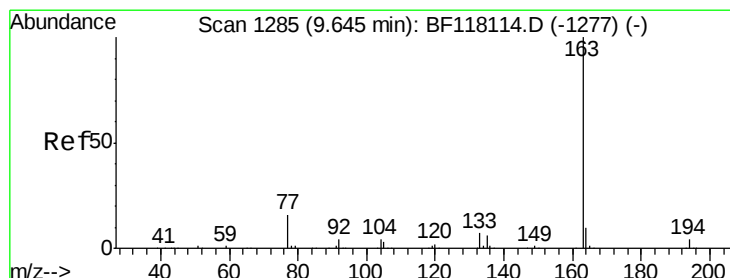
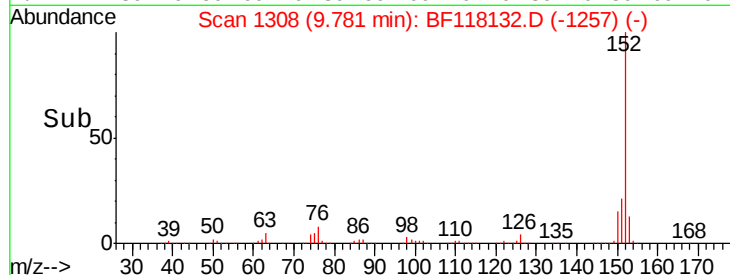
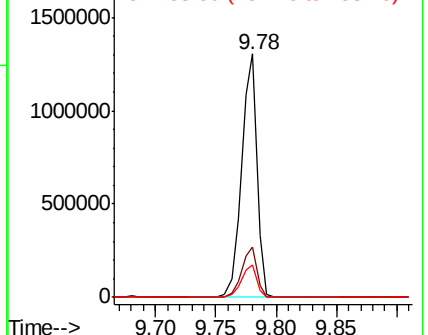
152 100

151 20.5 16.4 24.6

153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.482 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

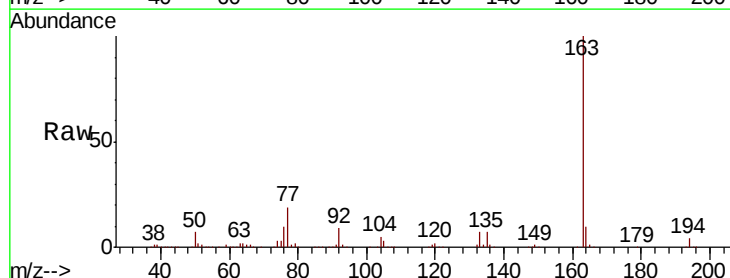
Tgt Ion:163 Resp: 978128

Ion Ratio Lower Upper

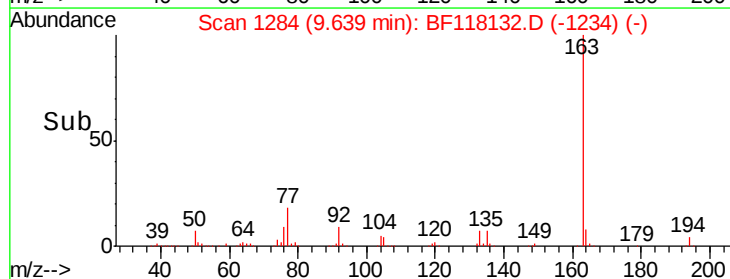
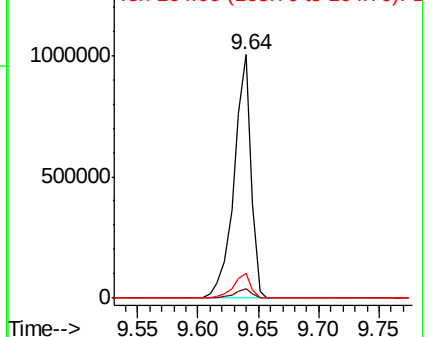
163 100

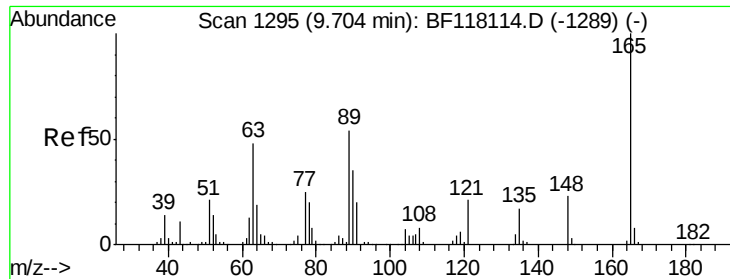
194 3.9 3.1 4.7

164 10.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

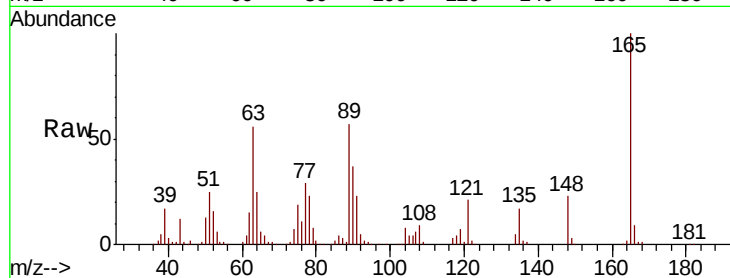




#51
2,6-Dinitrotoluene
Concen: 45.179 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	41.4	62.0
89	57.4	42.9	64.3

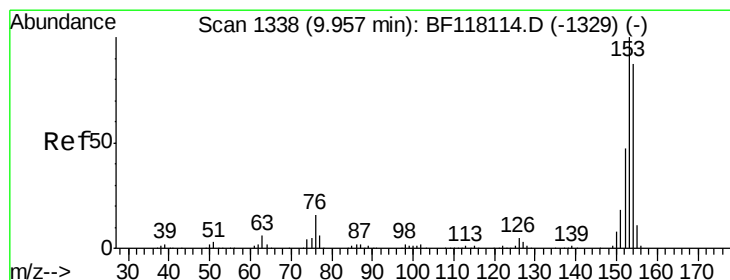
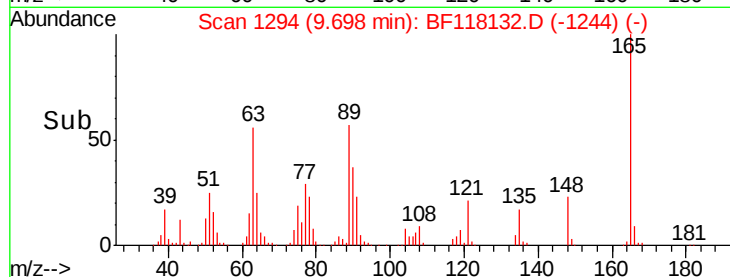
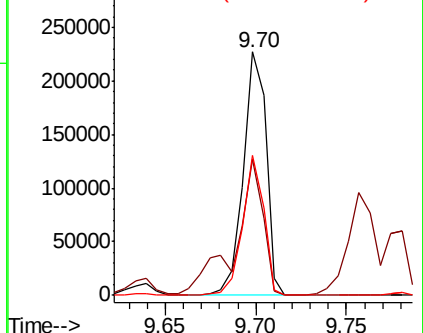


Abundance

Ion 165.00 (164.70 to 165.70): E

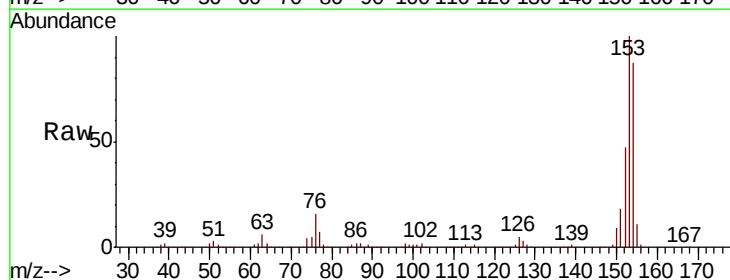
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 42.948 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.8	137.6
152	53.6	43.3	64.9

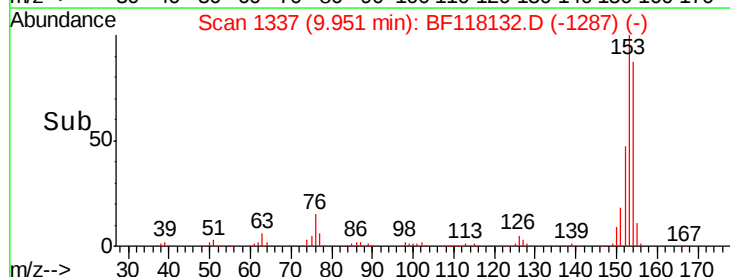
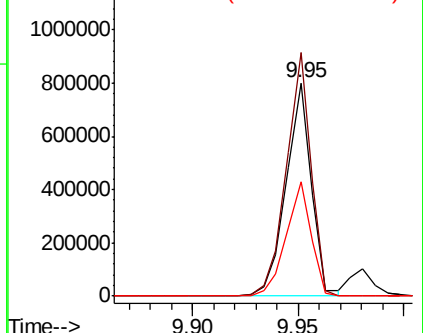


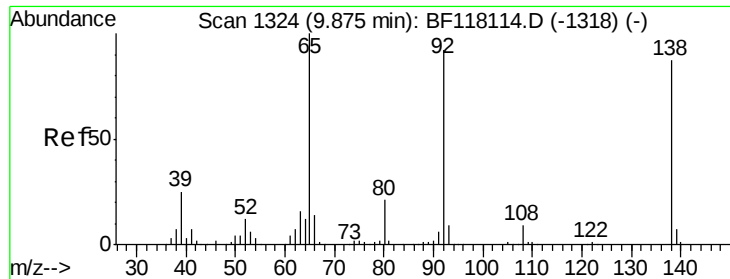
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

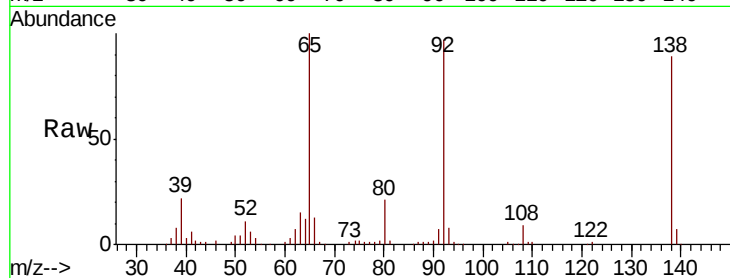




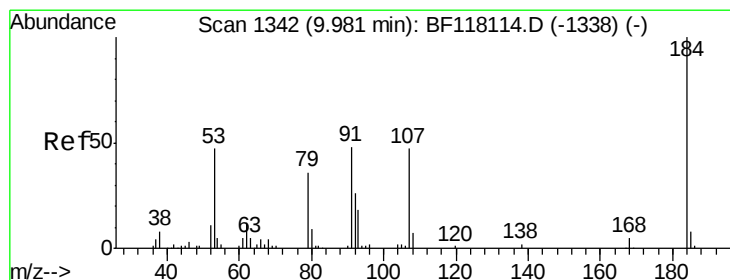
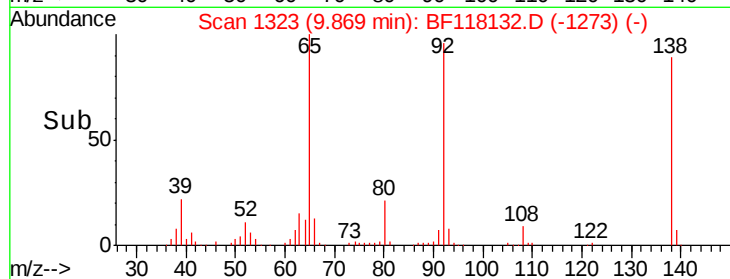
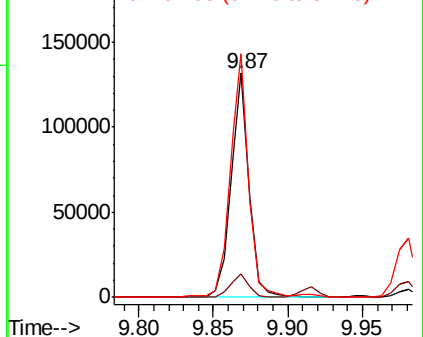
#53
3-Nitroaniline
Concen: 21.807 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 112585
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 108.5 84.9 127.3

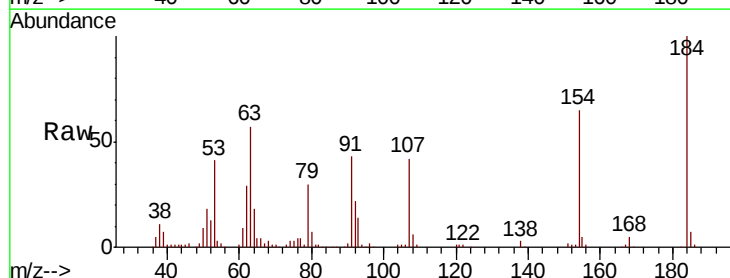


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

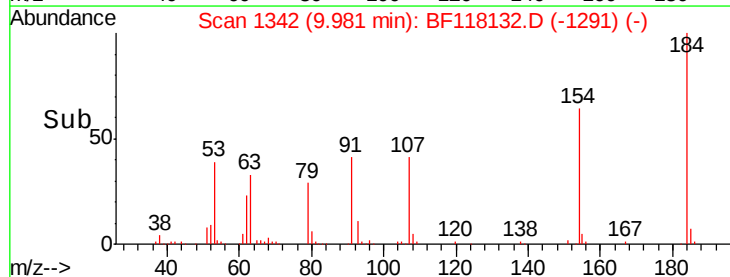
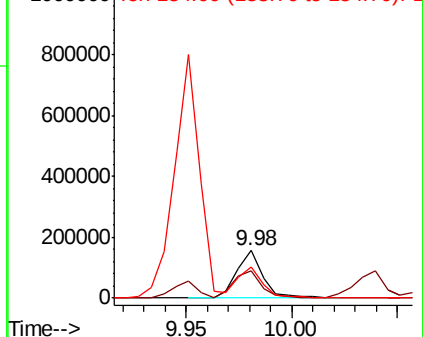


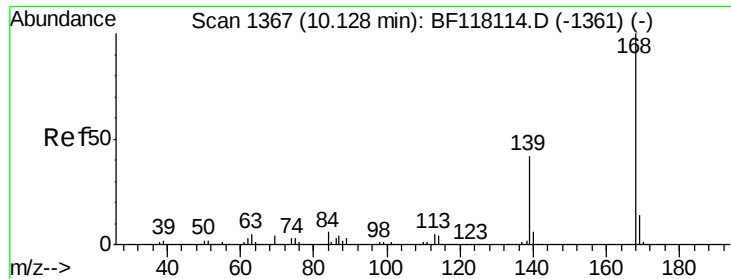
#54
2,4-Dinitrophenol
Concen: 61.939 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:184 Resp: 135186
Ion Ratio Lower Upper
184 100
63 57.1 53.9 80.9
154 64.7 56.3 84.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

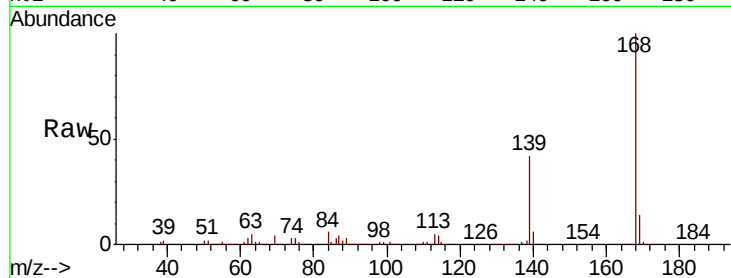




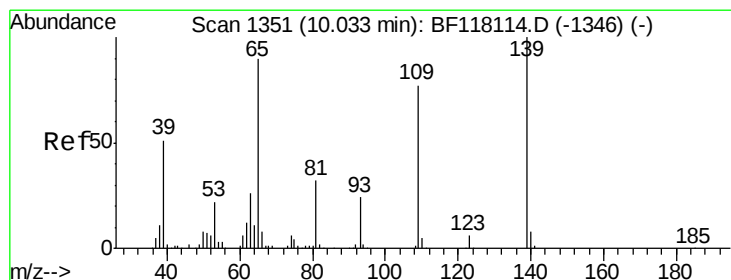
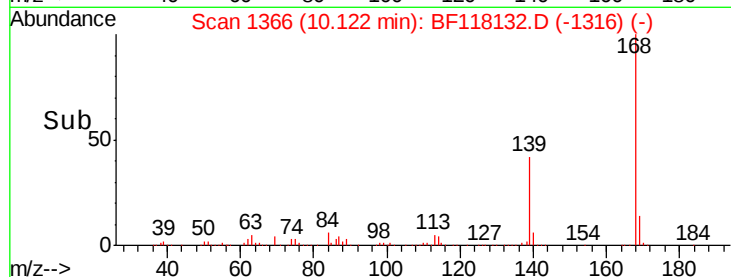
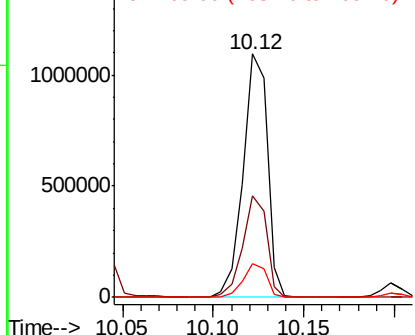
#55
Dibenzenofuran
Concen: 44.565 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1018670
Ion Ratio Lower Upper
168 100
139 41.8 33.4 50.0
169 13.9 11.0 16.6

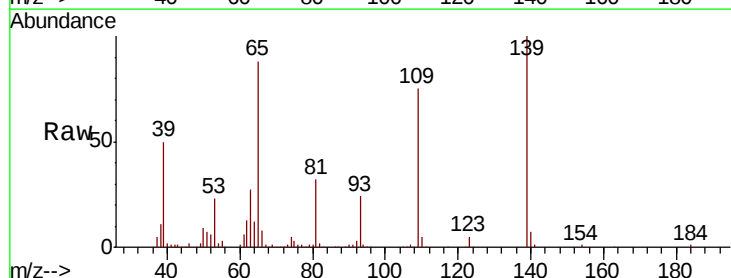


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

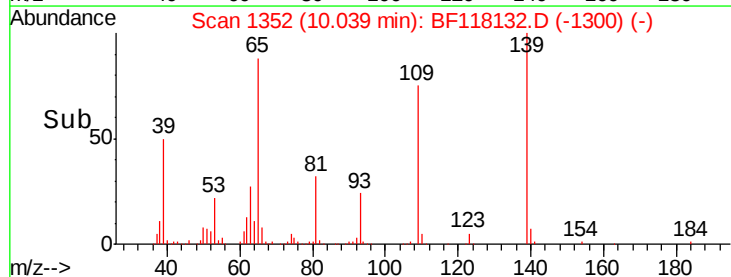
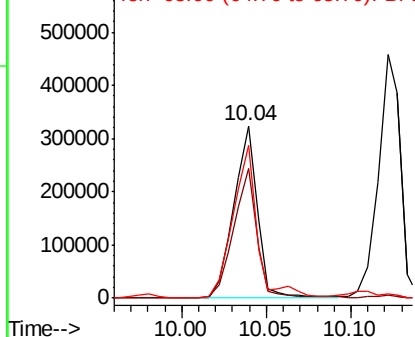


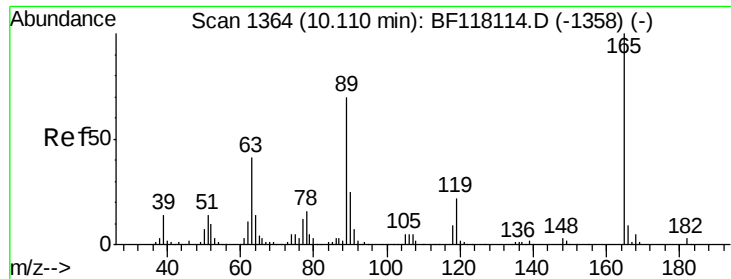
#56
4-Nitrophenol
Concen: 87.733 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:139 Resp: 314336
Ion Ratio Lower Upper
139 100
109 75.4 57.3 97.3
65 88.4 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

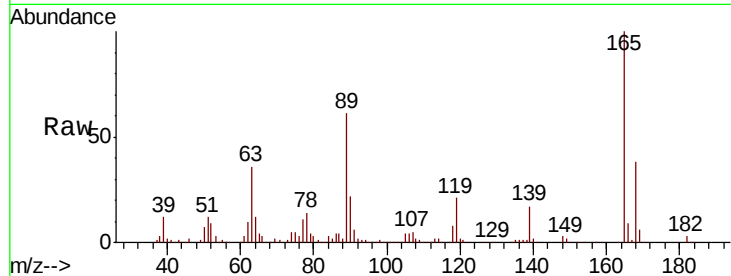




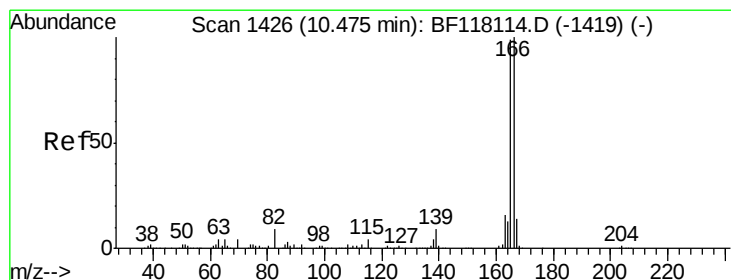
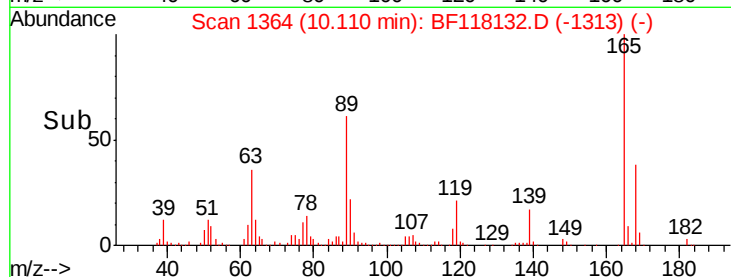
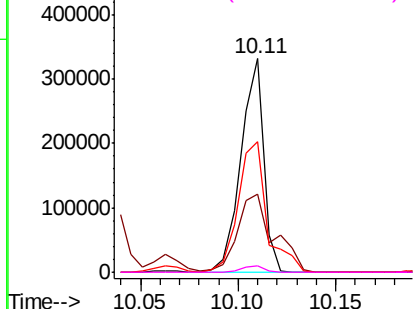
#57
2,4-Dinitrotoluene
Concen: 46.158 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp: 270273
Ion Ratio	Lower Upper
165 100	
63 36.3	32.6 49.0
89 61.0	56.1 84.1
182 2.8	2.1 3.1

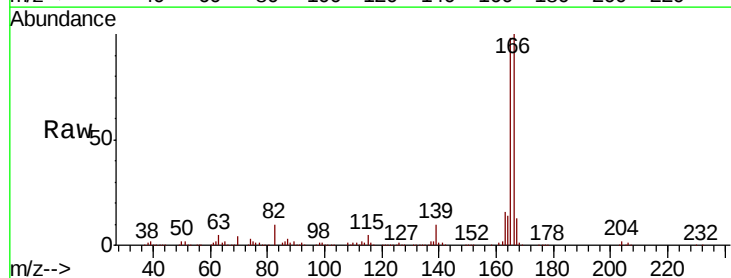


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

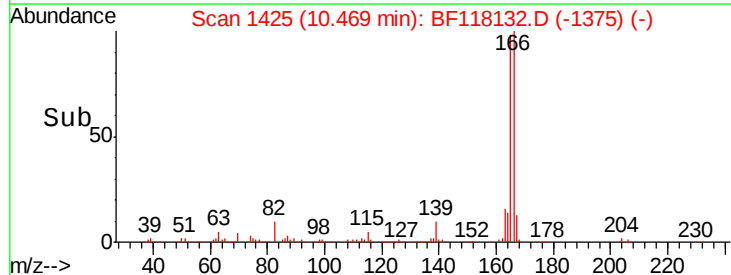
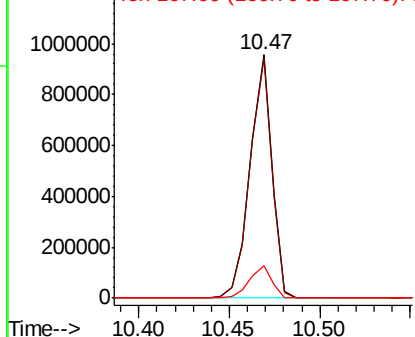


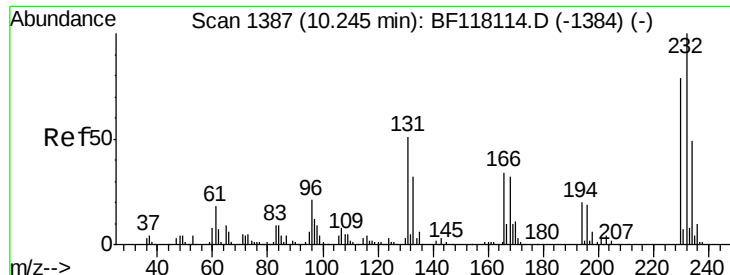
#58
Fluorene
Concen: 44.281 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt	Ion:166	Resp:	804379
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.3	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

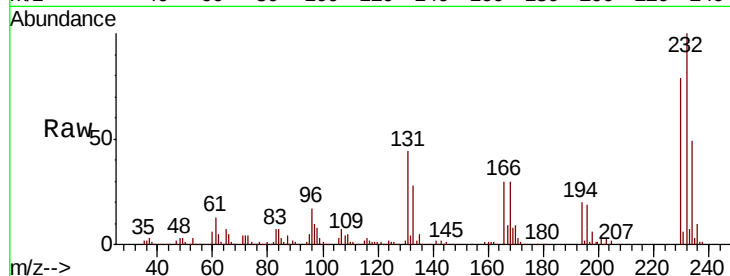




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.293 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	38.8	58.2
130	2.4	1.9	2.9
166	31.4	25.4	38.0



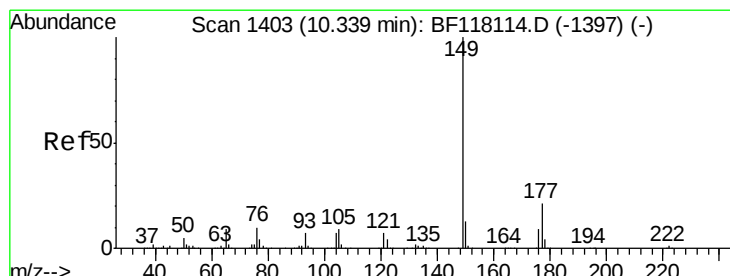
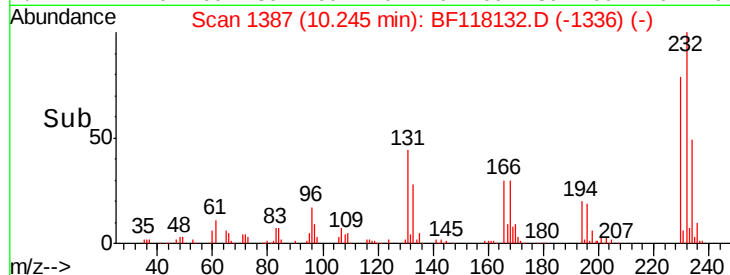
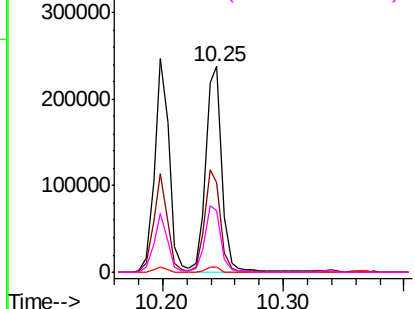
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

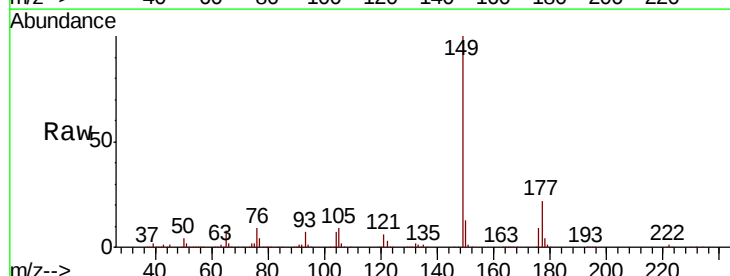
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.027 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.4
150	12.6	10.1	15.1

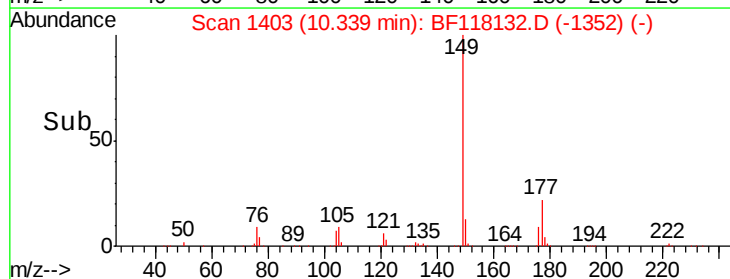
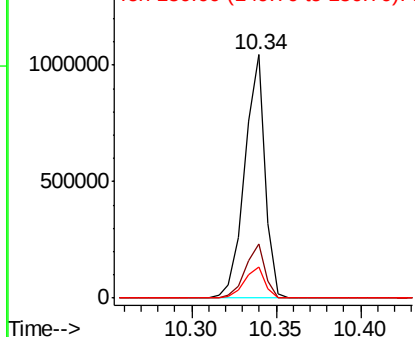


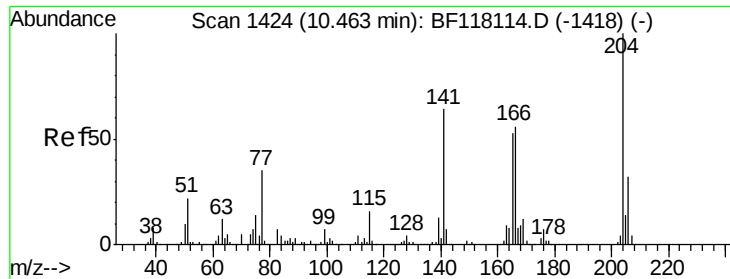
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

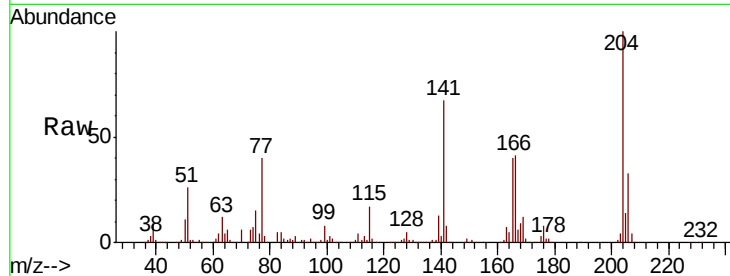




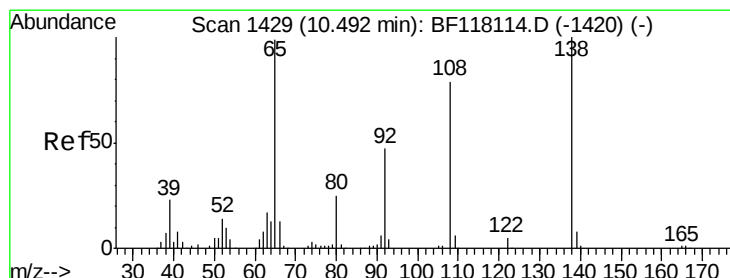
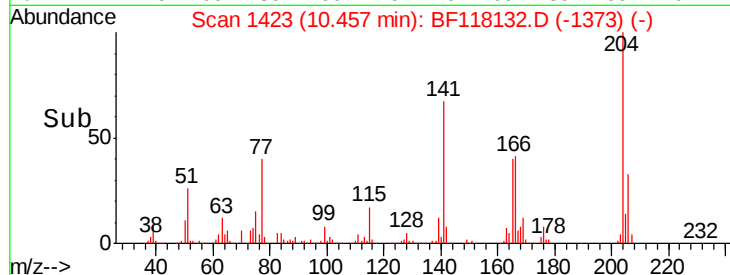
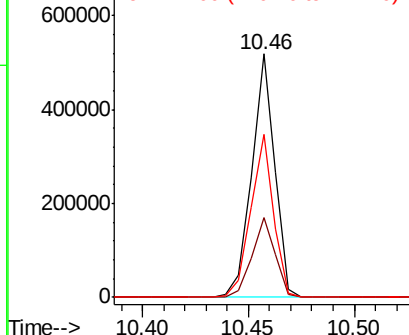
#61
4-Chlorophenyl-phenylether
Concen: 42.886 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 391979
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 66.9 51.0 76.6

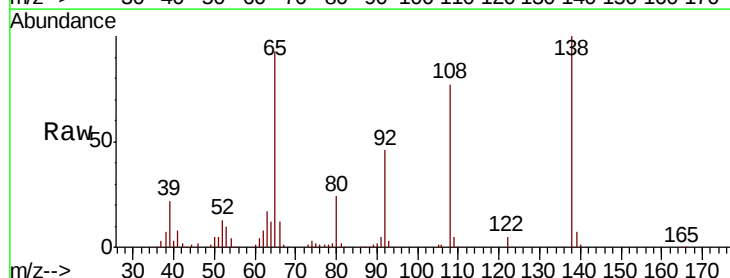


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

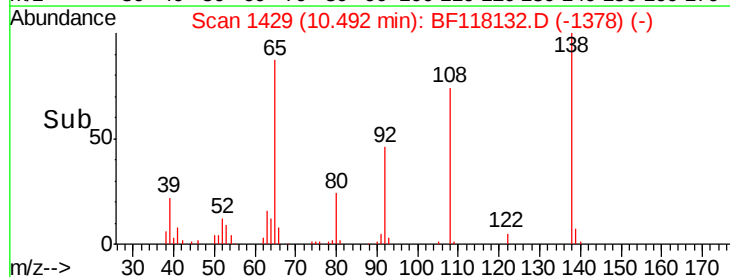
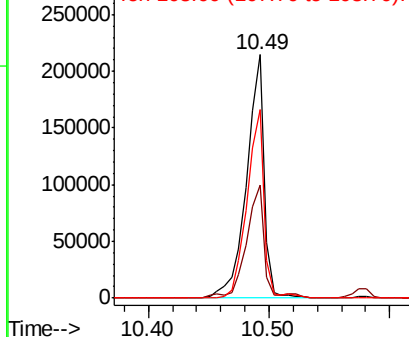


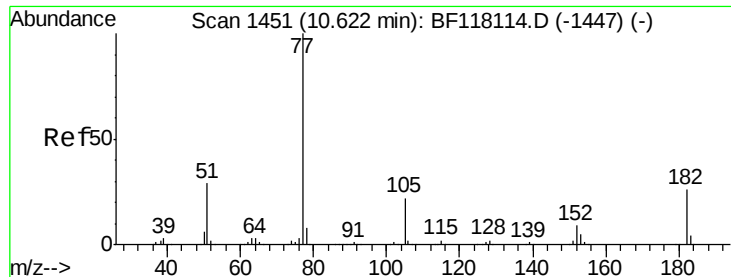
#62
4-Nitroaniline
Concen: 40.920 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:138 Resp: 220333
Ion Ratio Lower Upper
138 100
92 46.5 27.1 67.1
108 77.2 59.0 99.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

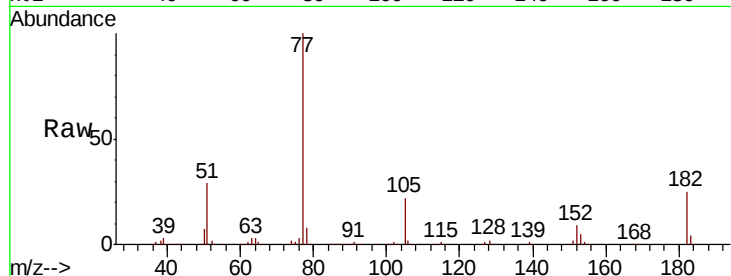




#63
Azobenzene
Concen: 44.955 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	5.7	45.7	
105	22.1	2.2	42.2	
51	29.2	9.6	49.6	



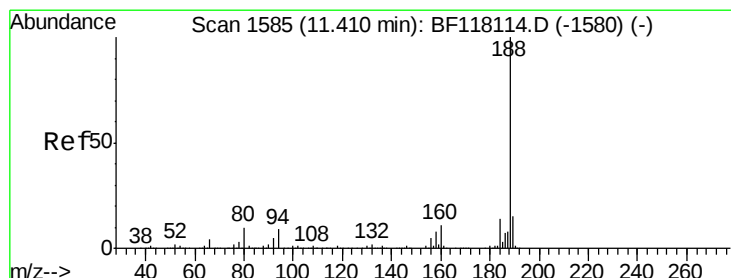
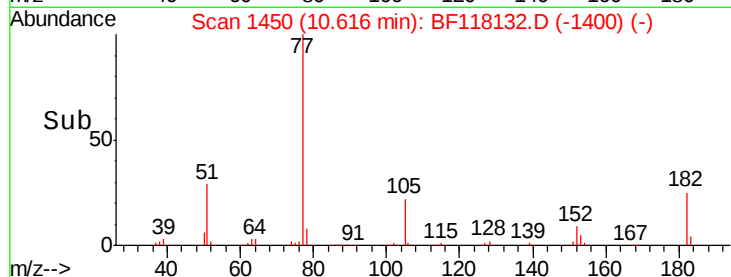
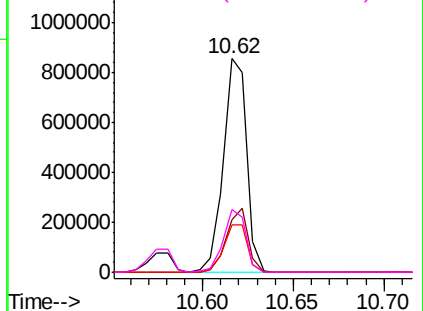
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

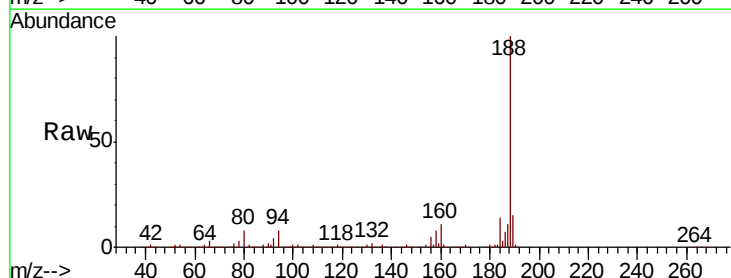
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	8.2	7.9	11.9	

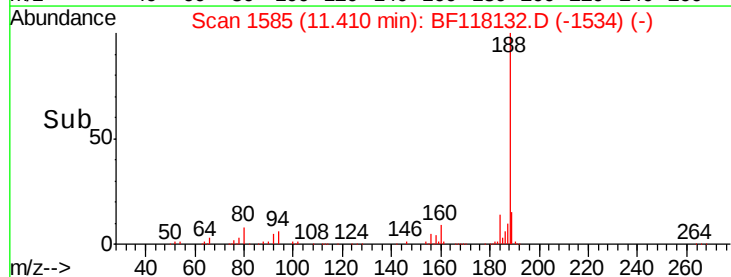
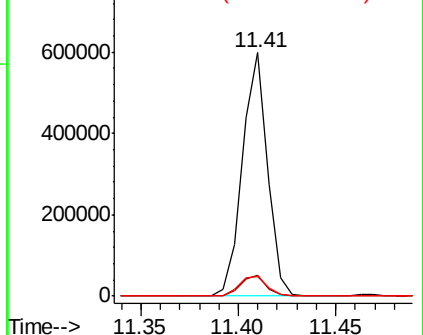


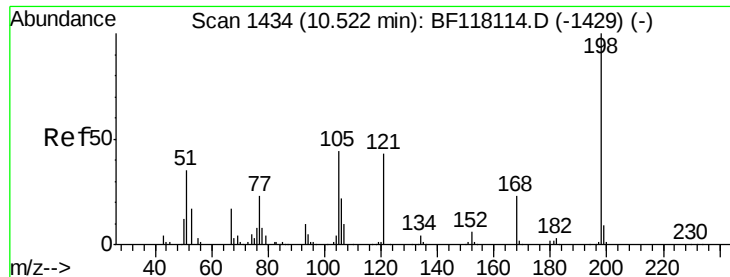
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.378 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

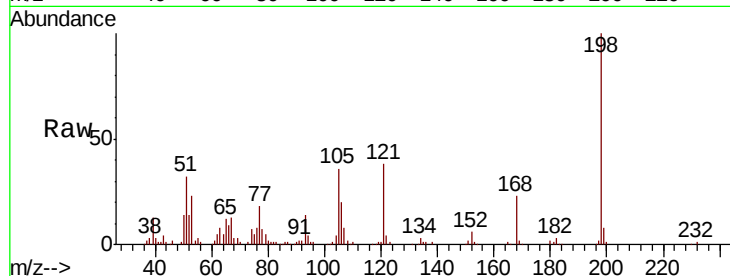
Tot Ion:198 Resp: 115479

Ion Ratio Lower Upper

198 100

51 31.8 22.0 62.0

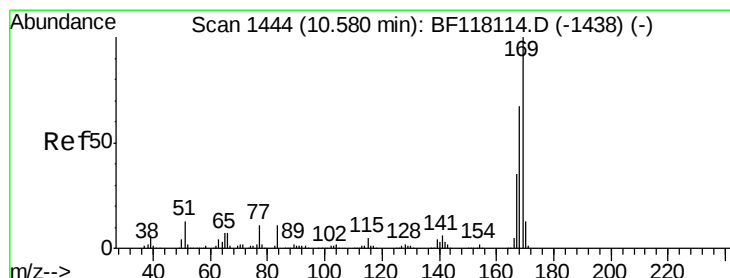
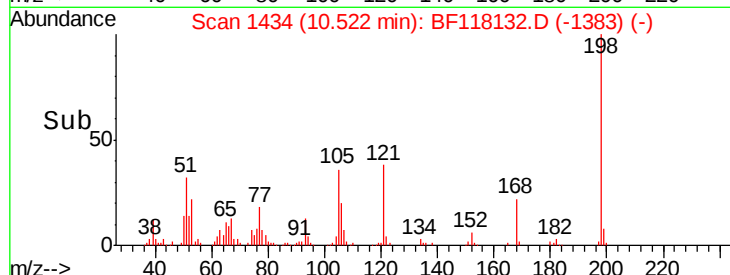
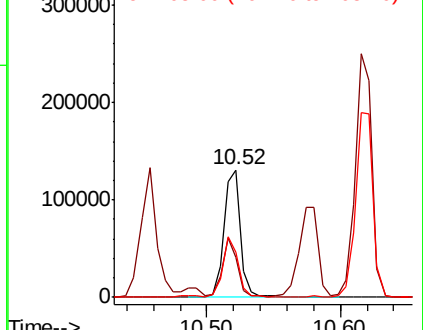
105 36.0 25.6 65.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.765 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

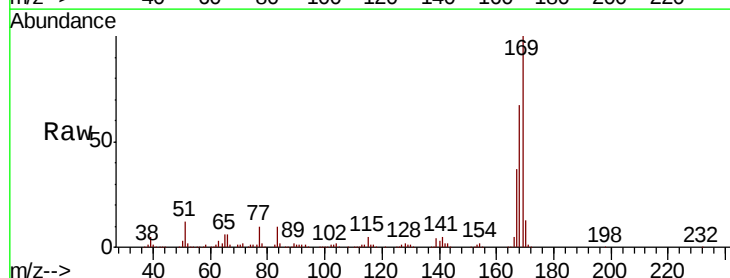
Tgt Ion:169 Resp: 725750

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.2

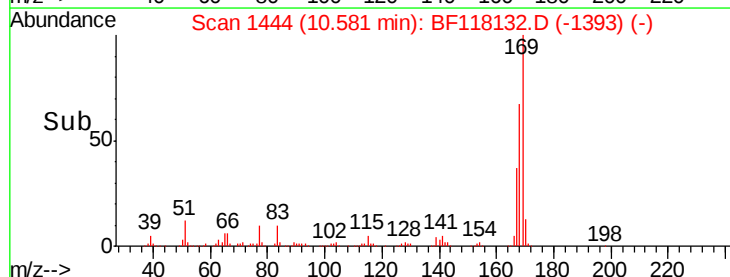
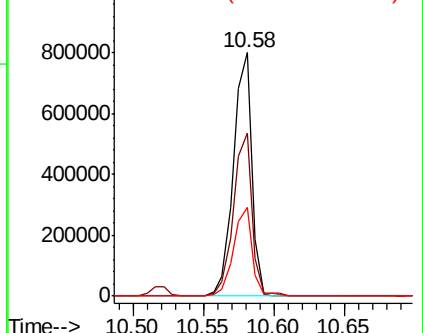
167 36.7 28.4 42.6

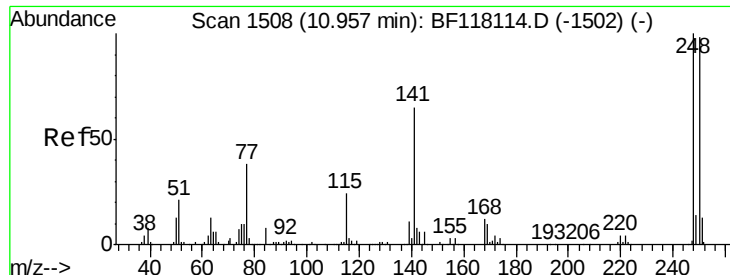


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

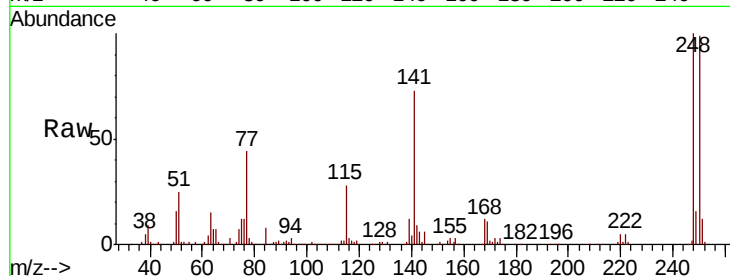




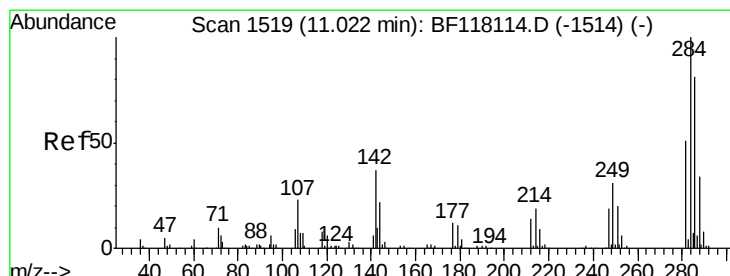
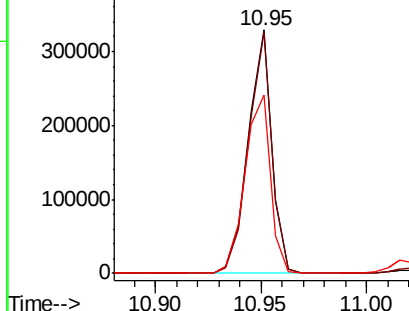
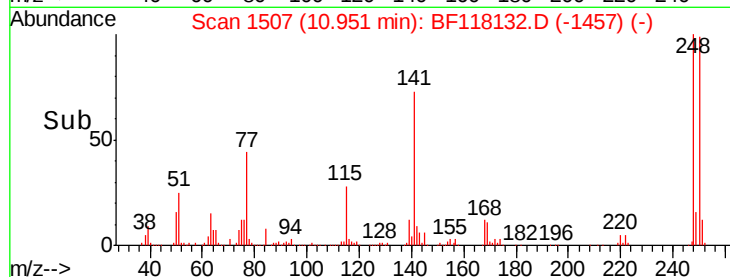
#67
 4-Bromophenyl-phenylether
 Concen: 42.207 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 255844
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.3 117.5
 141 73.4 52.2 78.4

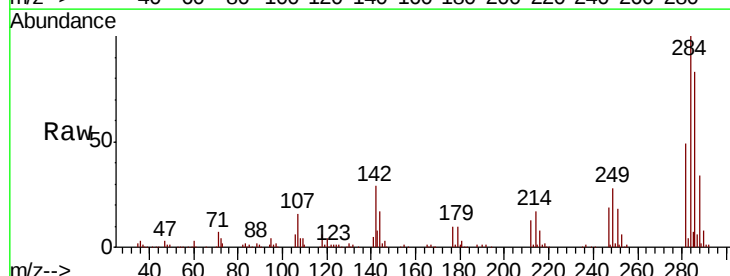


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

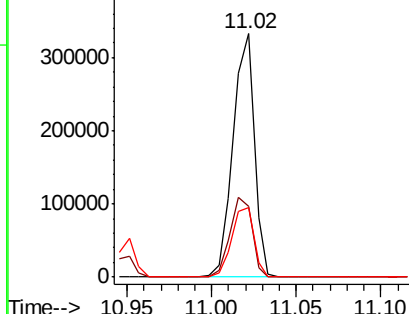
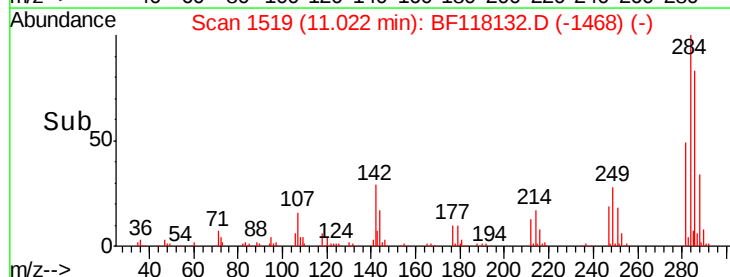


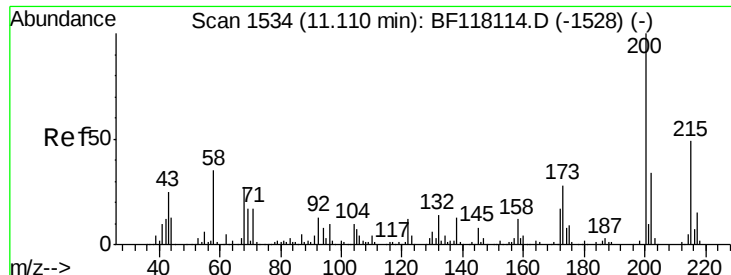
#68
 Hexachlorobenzene
 Concen: 40.851 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion:284 Resp: 291462
 Ion Ratio Lower Upper
 284 100
 142 28.9 29.7 44.5#
 249 28.3 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

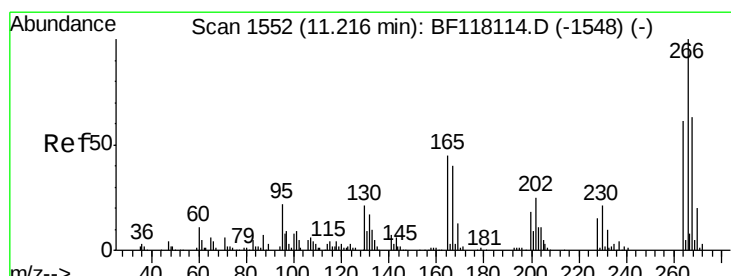
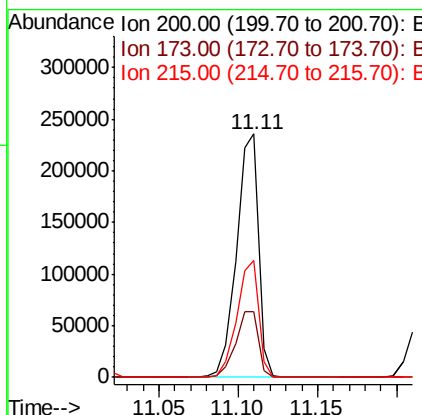
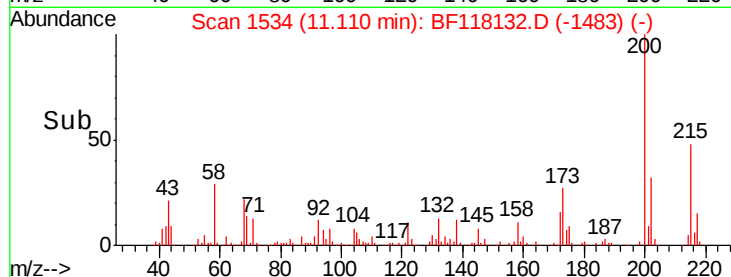
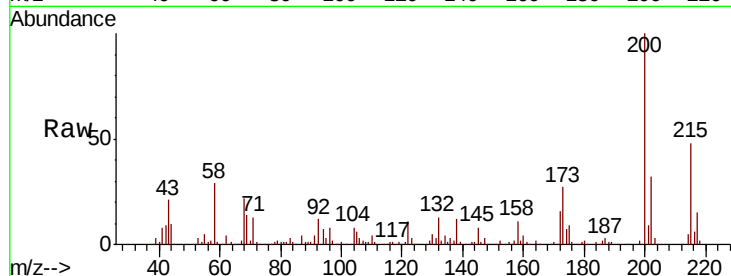




#69
 Atrazine
 Concen: 55.837 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

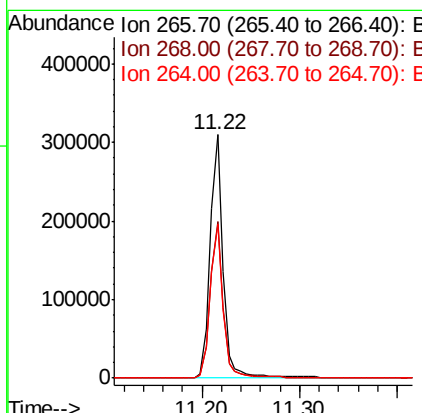
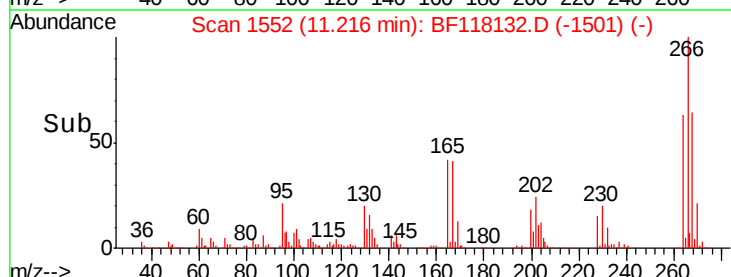
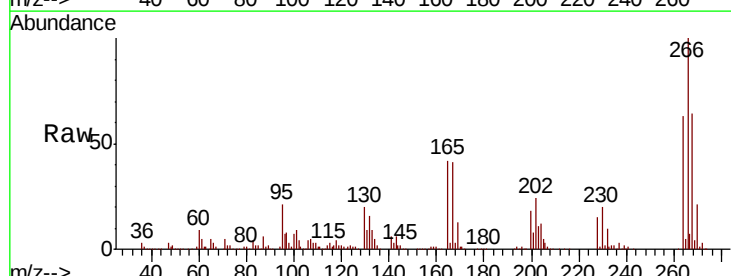
Instrument :
 BNA_F
 ClientSampleId :

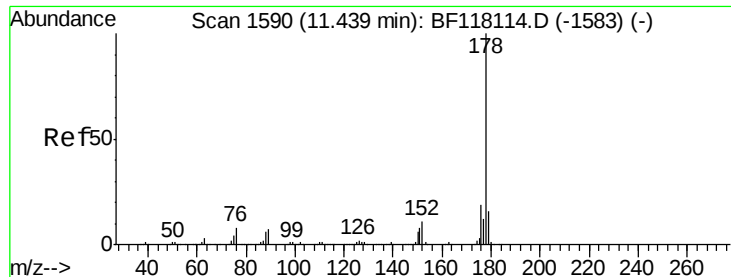
Tot Ion:200 Resp: 226083
 Ion Ratio Lower Upper
 200 100
 173 26.9 8.1 48.1
 215 48.0 29.0 69.0



#70
 Pentachlorophenol
 Concen: 86.247 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion:266 Resp: 289380
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.7 76.1
 264 63.3 48.7 73.1





#71

Phenanthrene

Concen: 43.645 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

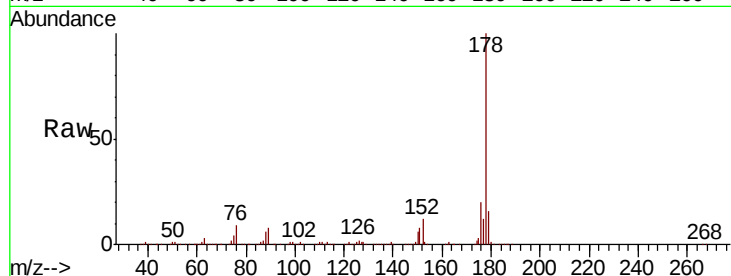
Tot Ion:178 Resp: 1232031

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

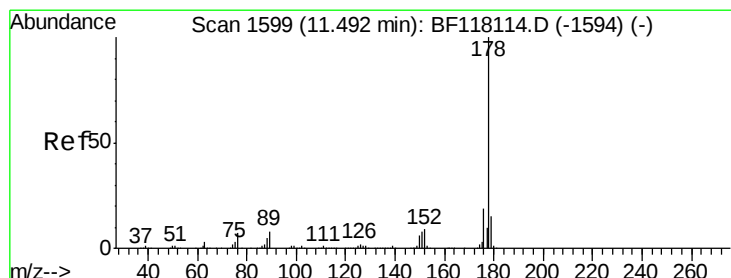
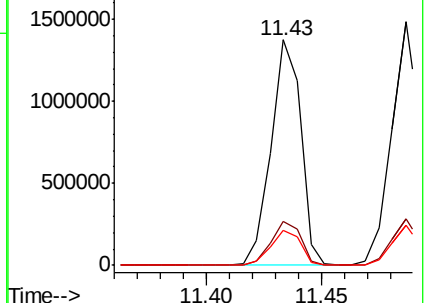
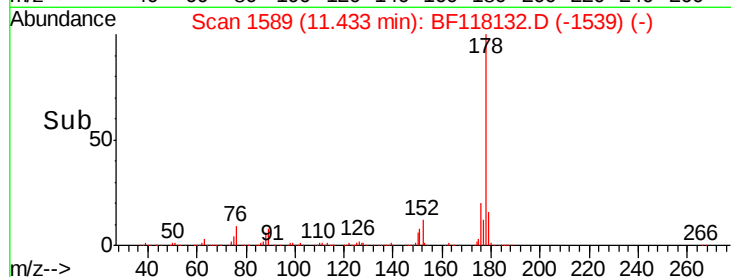
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.143 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

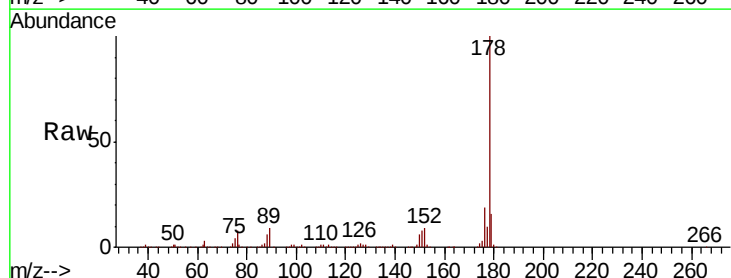
Tgt Ion:178 Resp: 1271223

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

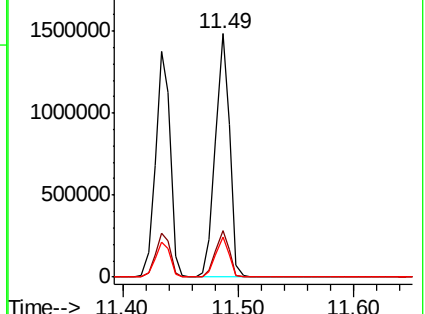
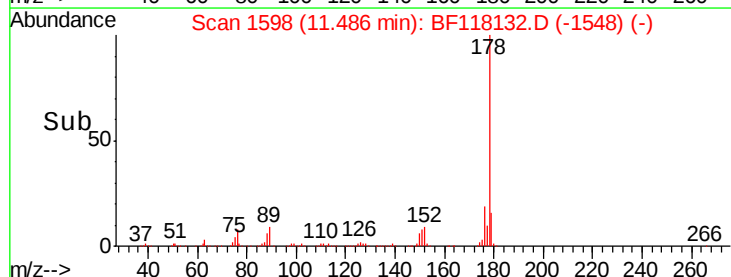
179 16.2 12.2 18.4

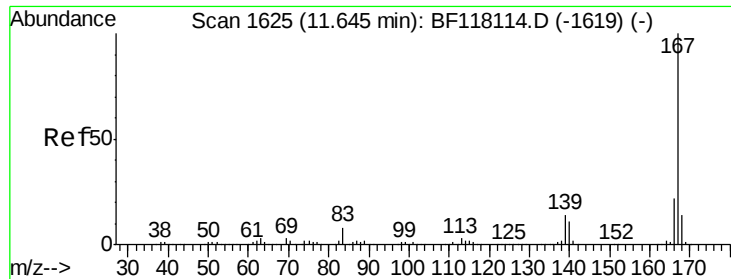


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.542 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

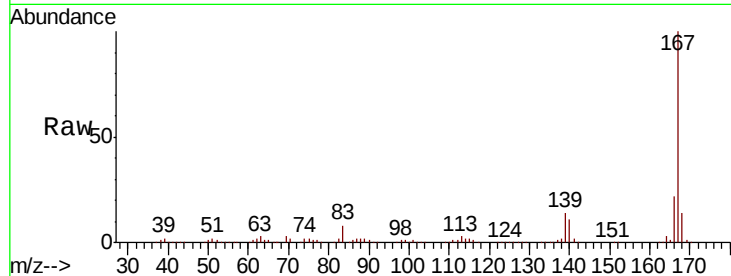
Tot Ion:167 Resp: 1125376

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

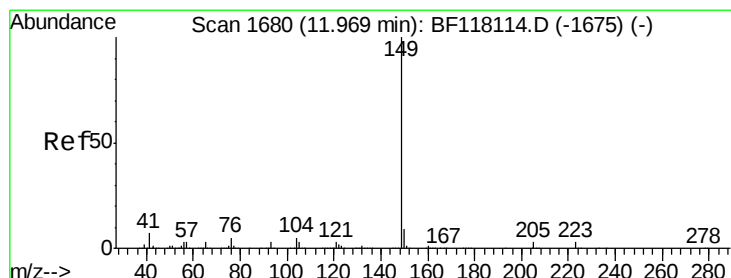
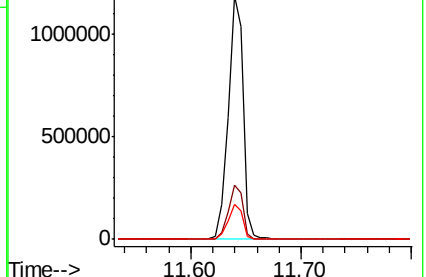
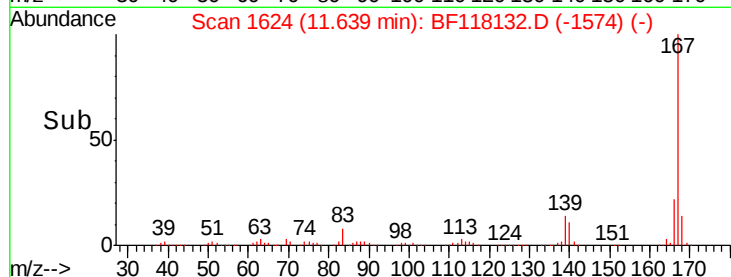
139 14.1 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.668 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

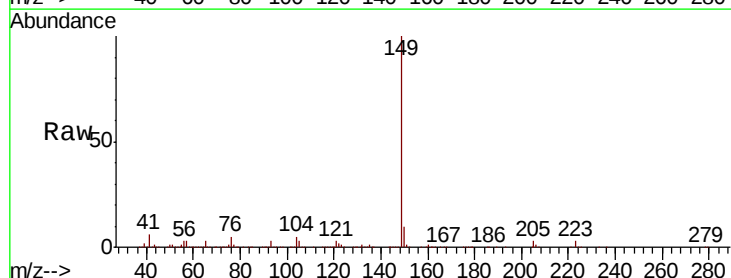
Tgt Ion:149 Resp: 1412396

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

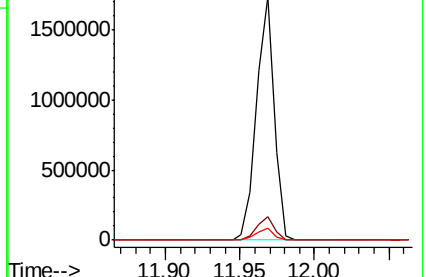
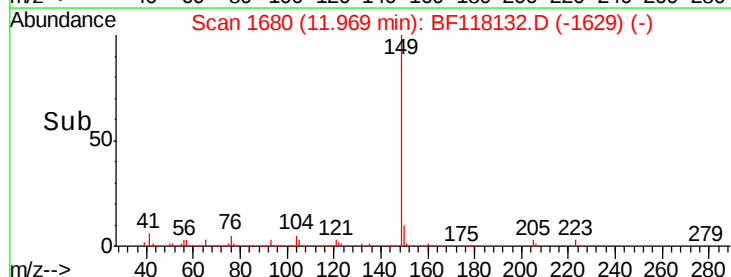
104 5.0 4.3 6.5

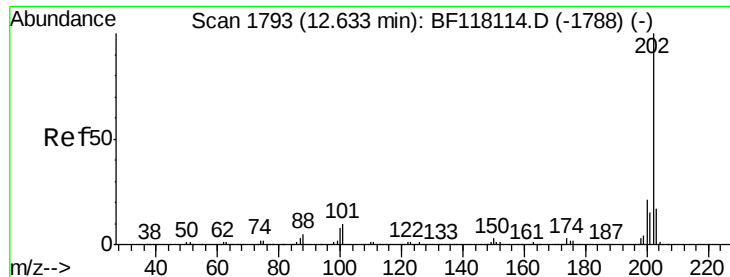


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.484 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

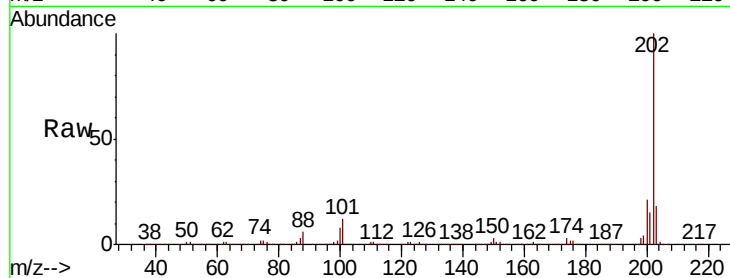
Tot Ion:202 Resp: 1283854

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.4

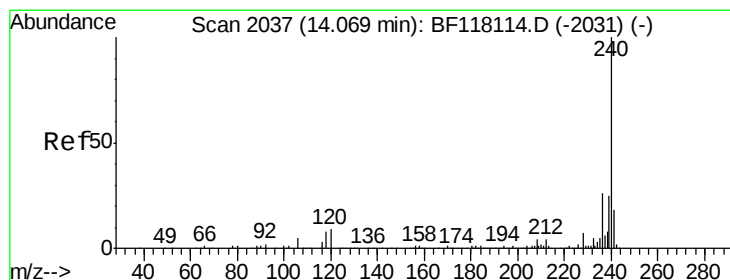
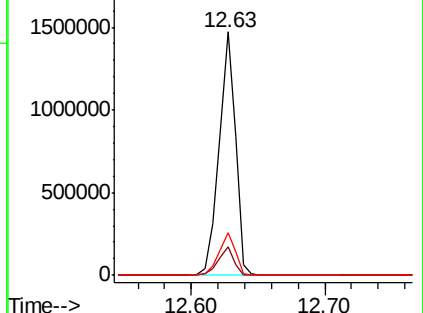
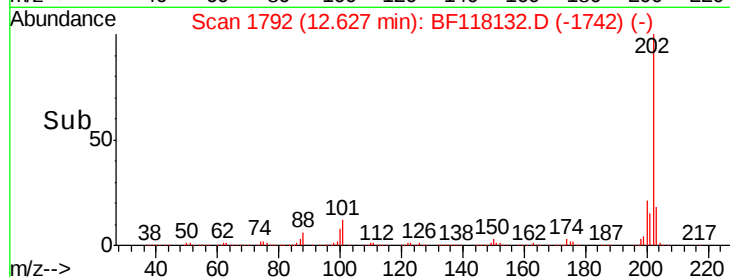
203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

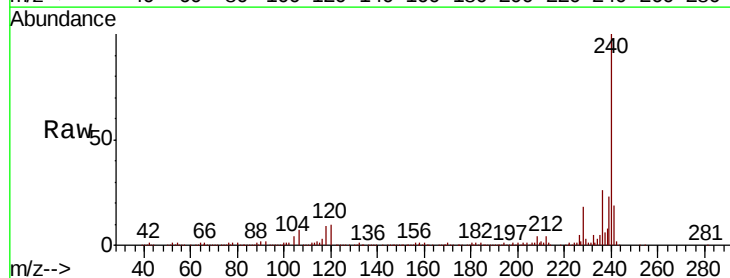
Tgt Ion:240 Resp: 343067

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

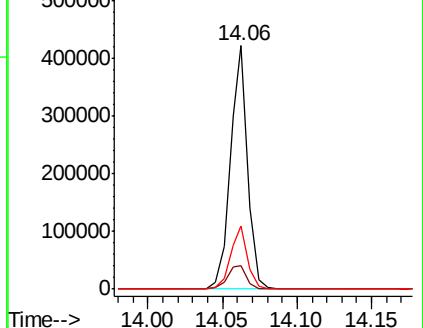
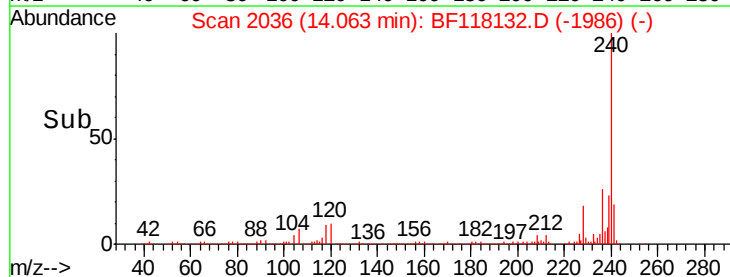
236 25.8 21.0 31.6

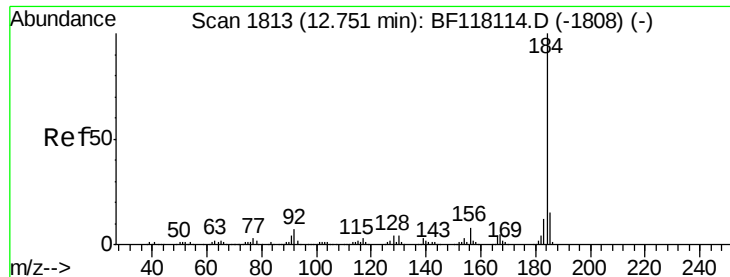


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.607 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

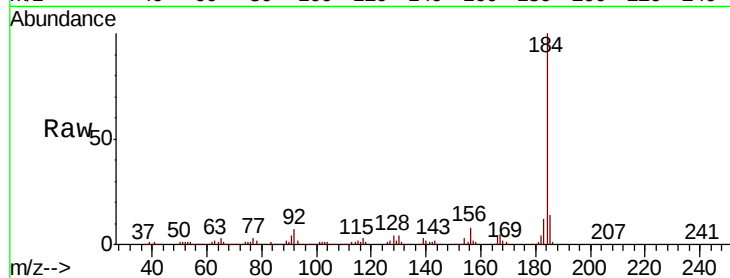
Tot Ion:184 Resp: 411890

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

183 11.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.75

600000

500000

400000

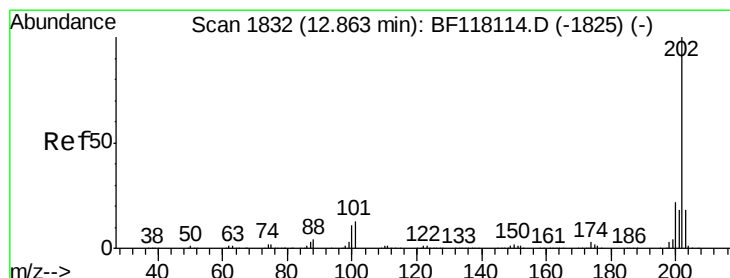
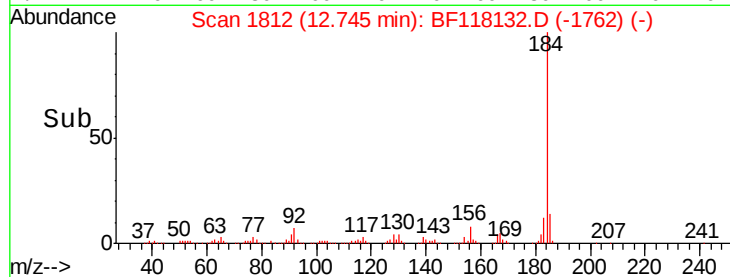
300000

200000

100000

0

Time-->



#78

Pyrene

Concen: 47.836 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

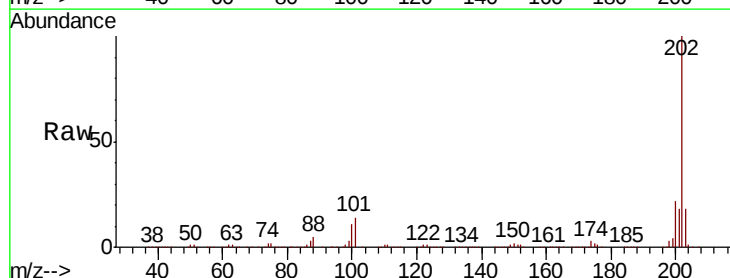
Tgt Ion:202 Resp: 1293248

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

203 17.6 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.86

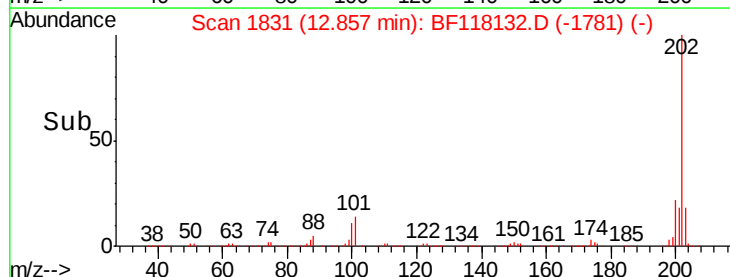
1500000

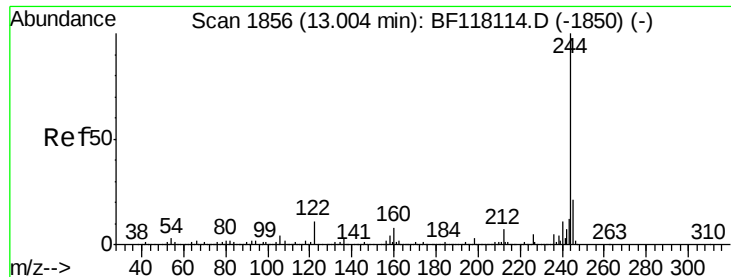
1000000

500000

0

Time-->





#79

Terphenyl-d14

Concen: 73.690 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

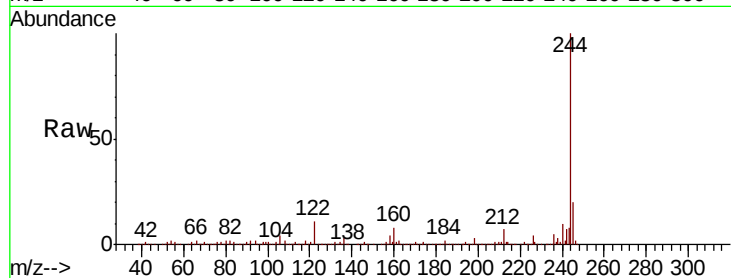
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1470129

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.4	9.0	13.6

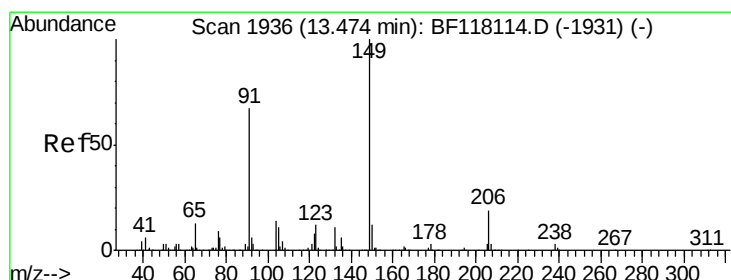
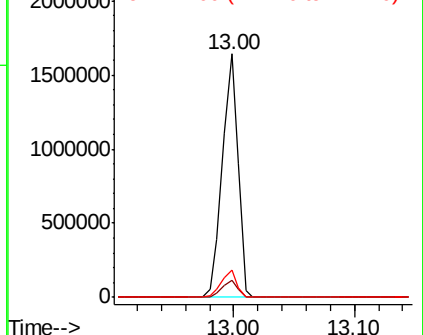
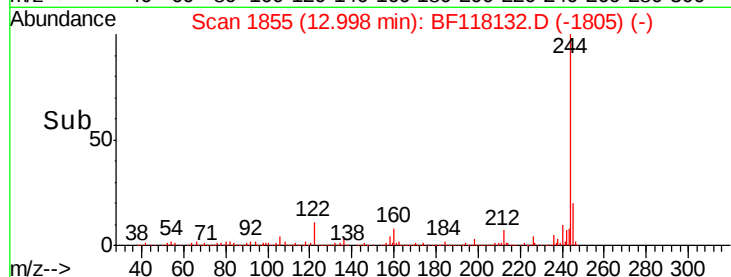


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.909 ng

RT: 13.47 min Scan# 1936

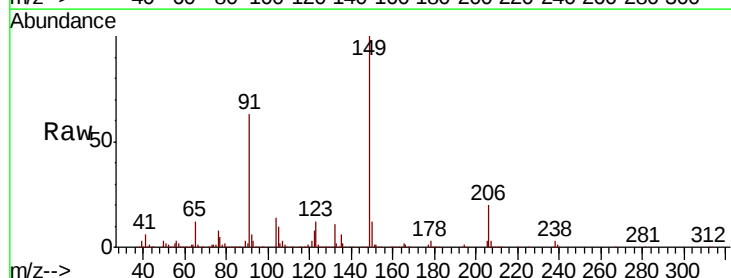
Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:149 Resp: 586582

Ion	Ratio	Lower	Upper
149	100		
91	63.3	53.9	80.9
206	20.1	15.2	22.8

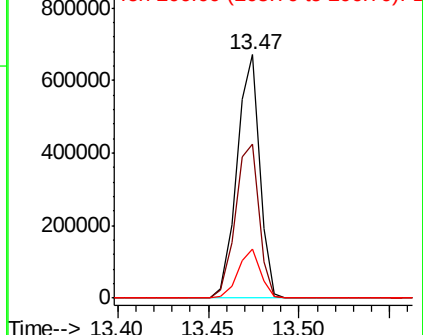
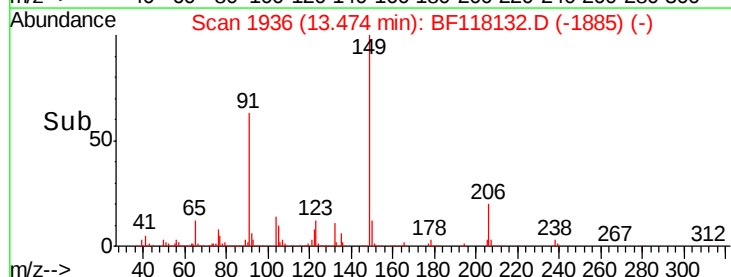


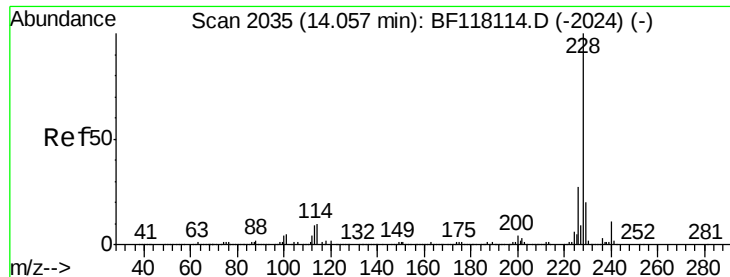
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

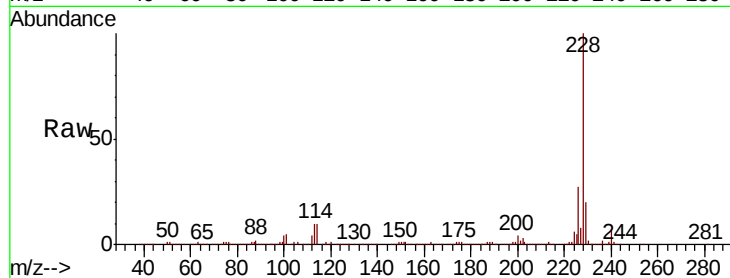




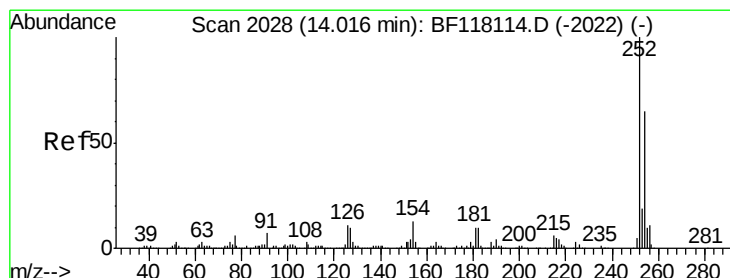
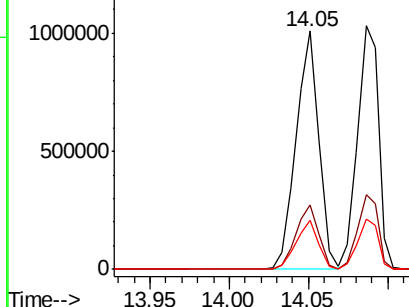
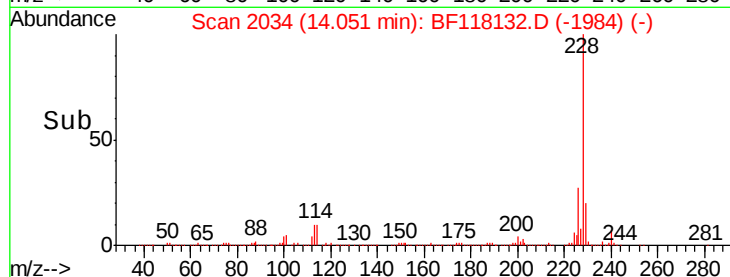
#81
Benzo(a)anthracene
Concen: 42.113 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 999012
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.3 15.8 23.8

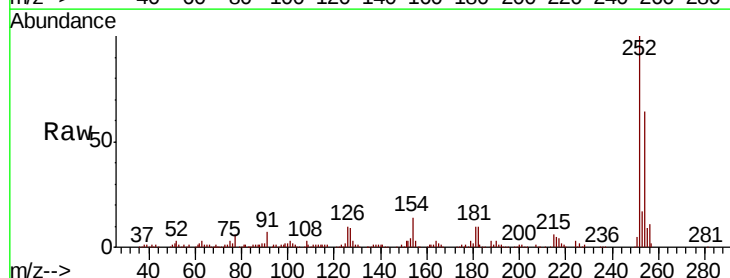


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

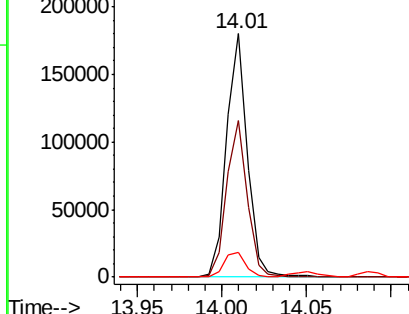
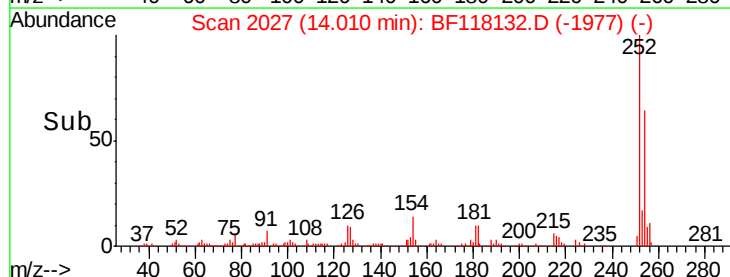


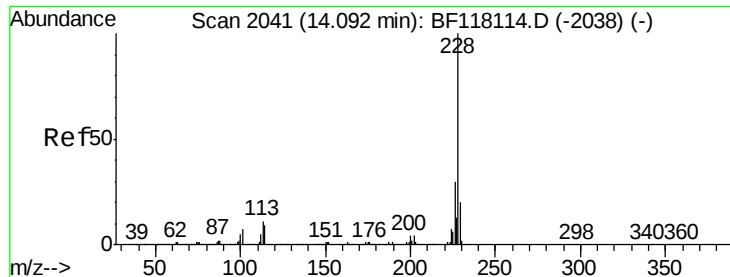
#82
3,3'-Dichlorobenzidine
Concen: 19.830 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:252 Resp: 154490
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.4
126 10.1 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.378 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

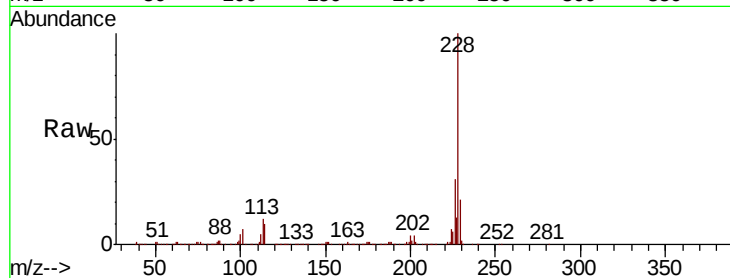
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 960277

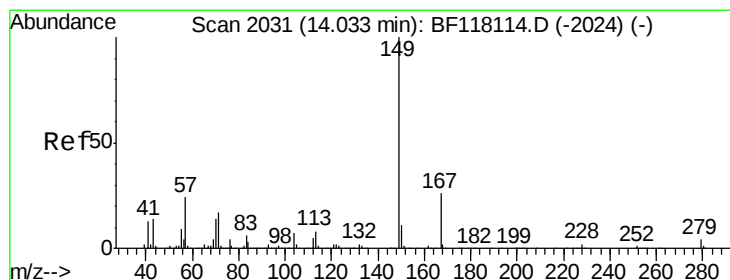
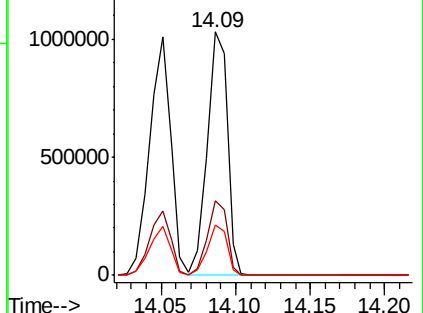
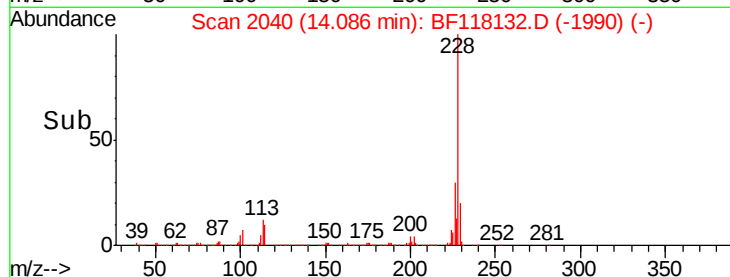
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	20.5	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.141 ng

RT: 14.03 min Scan# 2031

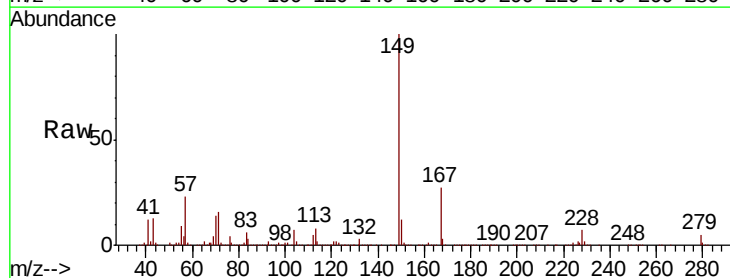
Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:149 Resp: 825658

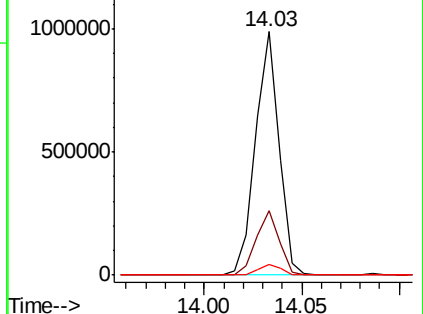
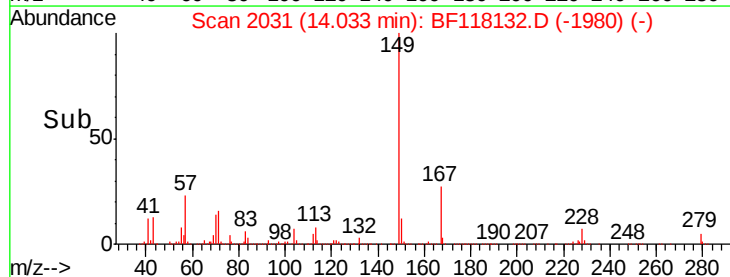
Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	4.5	2.9	4.3#

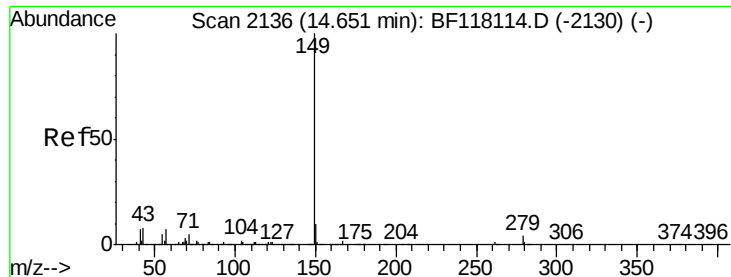


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.659 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

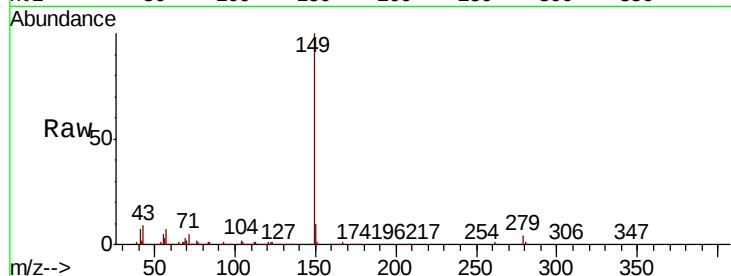
Tot Ion:149 Resp: 1238931

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

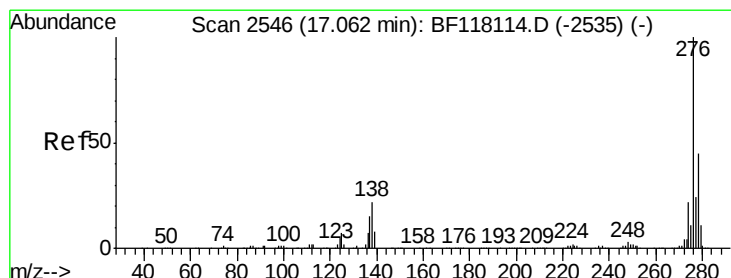
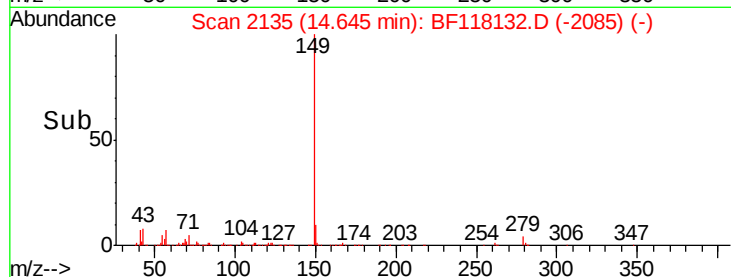
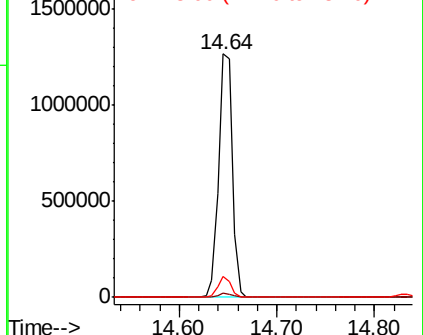
43 7.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.927 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

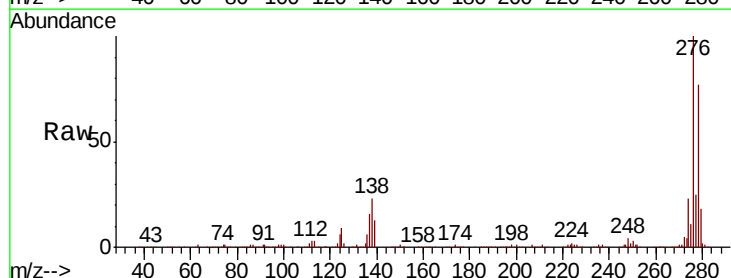
Tgt Ion:276 Resp: 970982

Ion Ratio Lower Upper

276 100

138 24.0 18.9 28.3

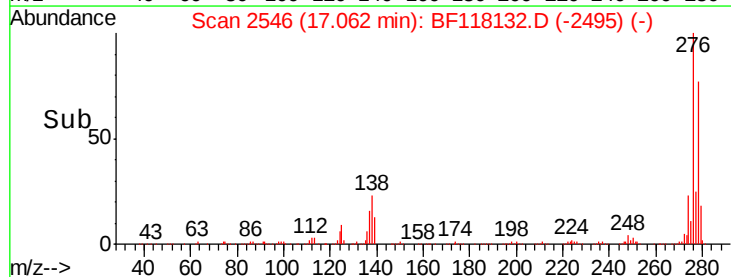
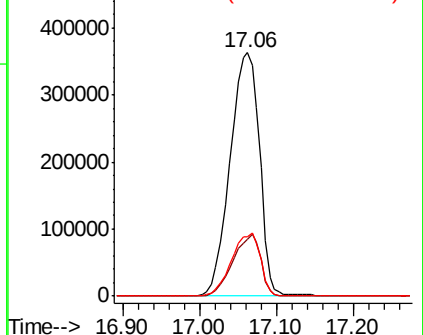
277 25.5 20.4 30.6

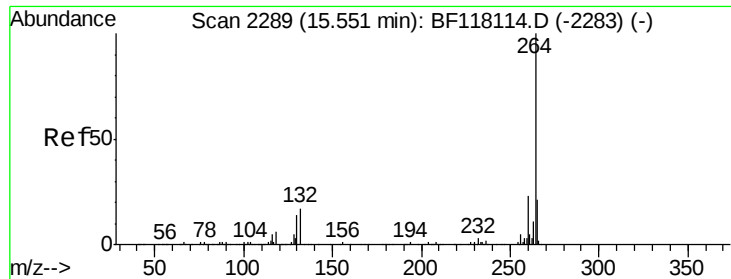


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



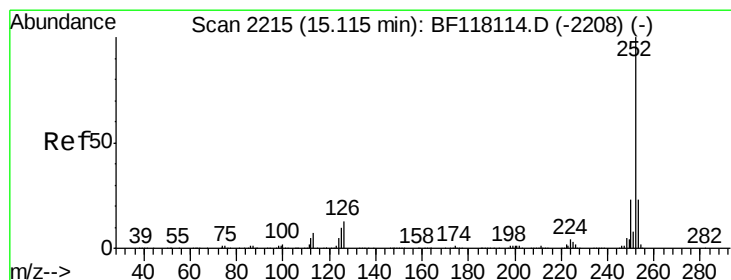
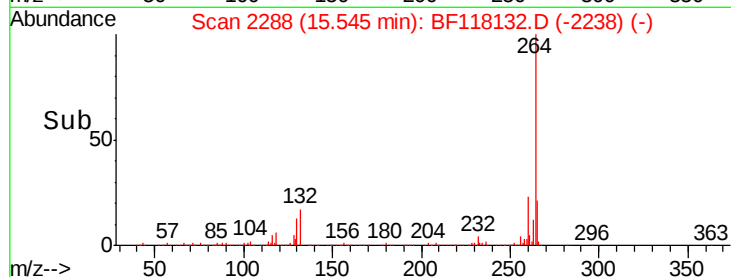
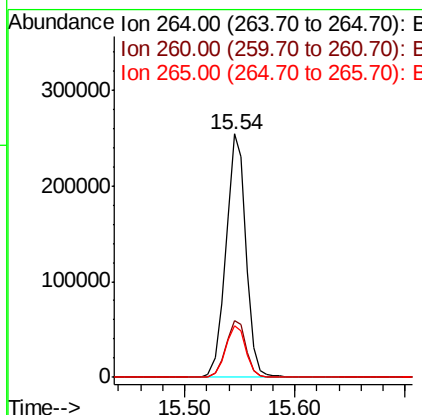
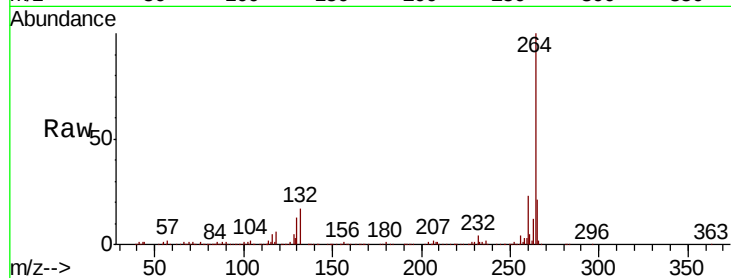


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 322234

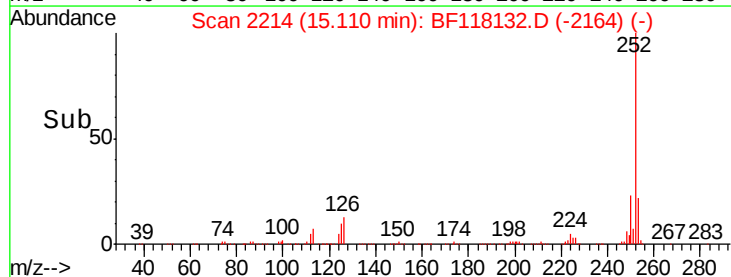
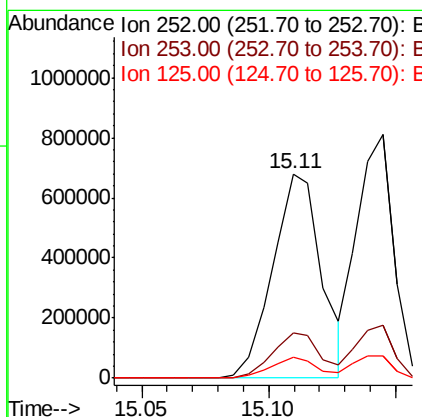
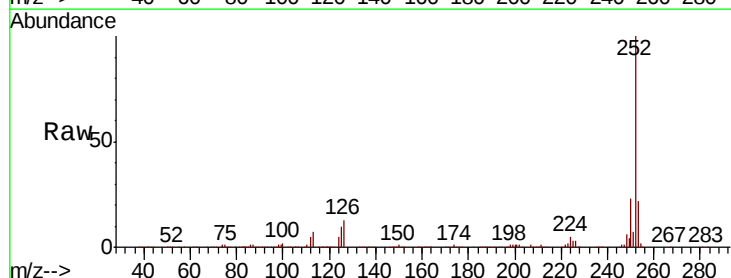
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.2	16.8	25.2

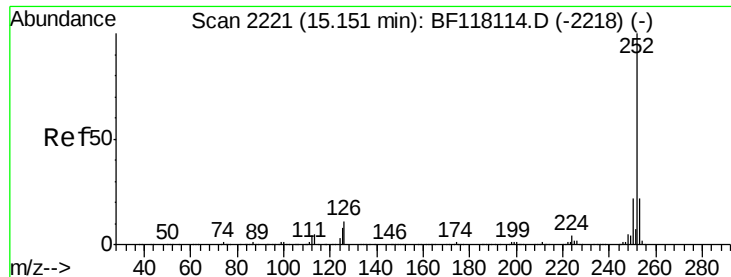


#88
Benzo(b)fluoranthene
Concen: 42.874 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:252 Resp: 913715

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.4	8.3	12.5

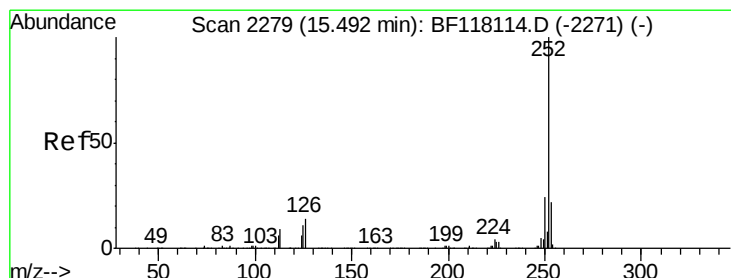
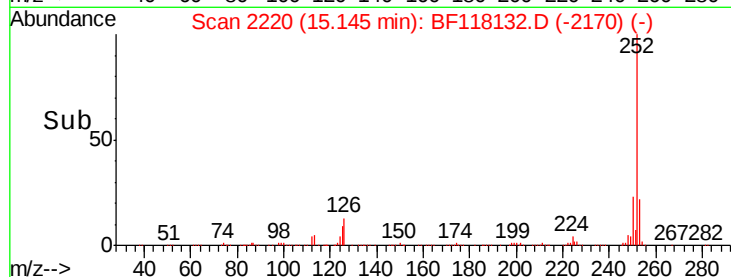
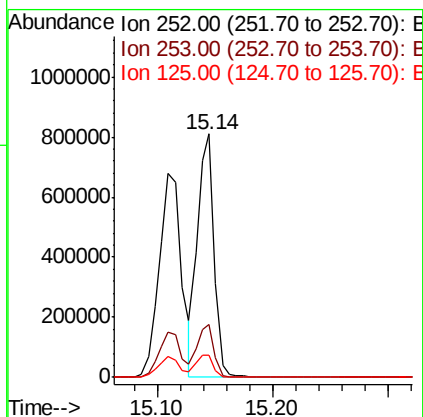
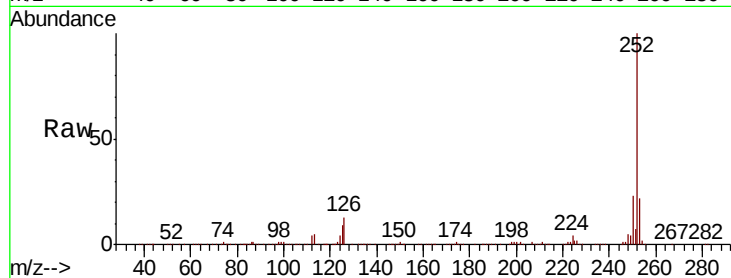




#89
Benzo(k)fluoranthene
Concen: 40.192 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

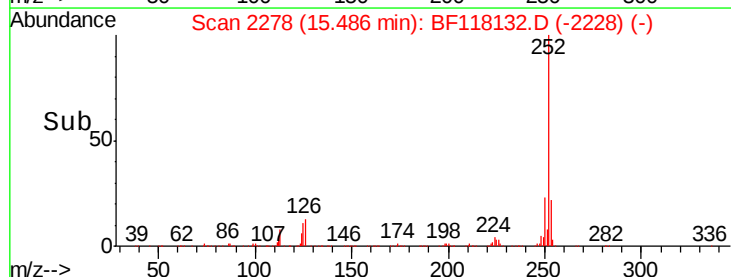
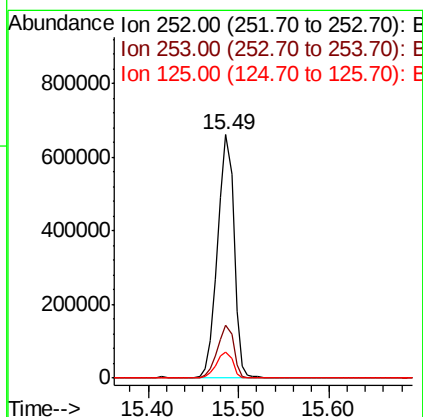
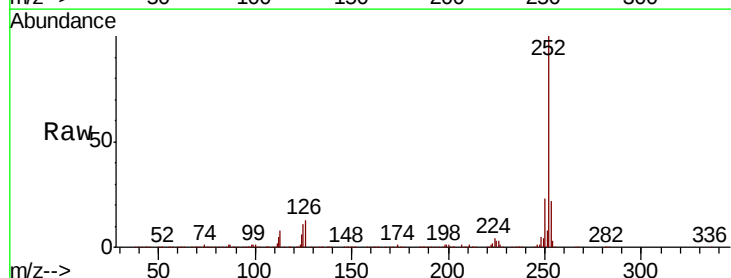
Instrument :
BNA_F
ClientSampleId :

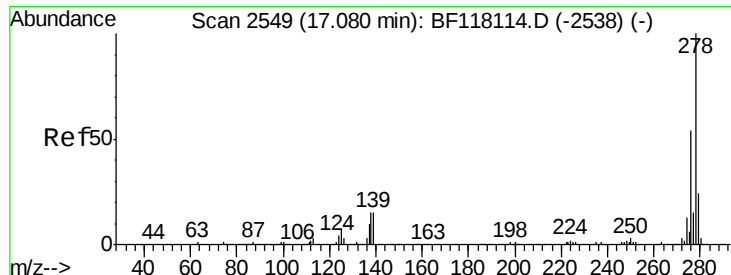
Tot Ion:252 Resp: 822854
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.1 6.7 10.1



#90
Benzo(a)pyrene
Concen: 44.167 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:252 Resp: 831318
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 9.1 13.7

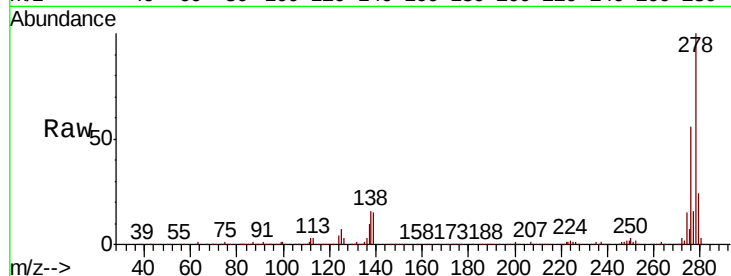




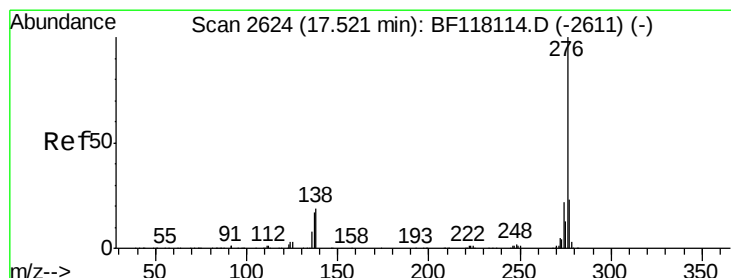
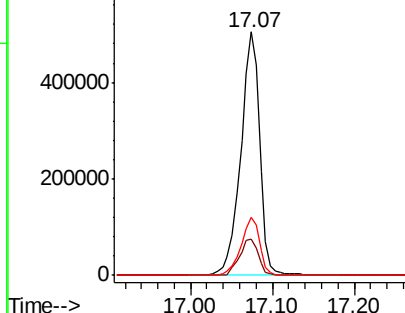
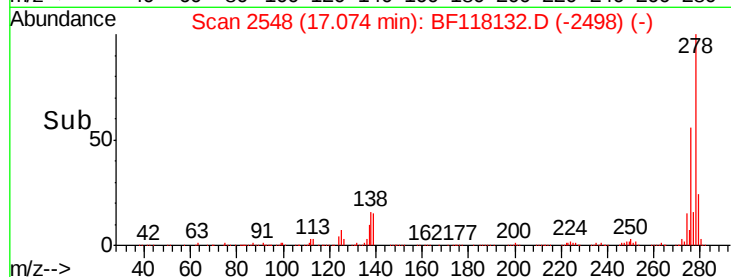
#91
Dibenzo(a,h)anthracene
Concen: 50.365 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 813090
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 23.6 19.0 28.4

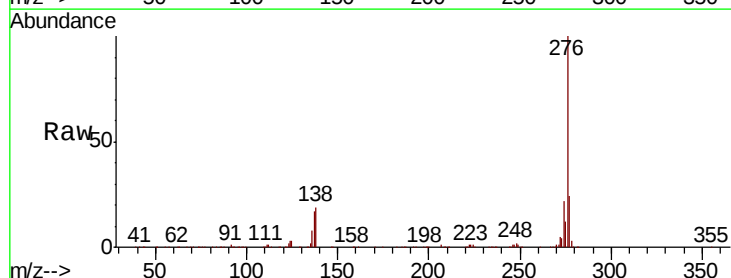


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.890 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:276 Resp: 820490
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.4
138 19.4 15.5 23.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

