

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118202.D
 Acq On : 16 Dec 2019 17:53
 Operator : JU
 Sample : K6110-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:06:17 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	98839	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	377506	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	199735	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	375022	20.00	ng	0.00
76) Chrysene-d12	14.06	240	274064	20.00	ng	0.00
87) Perylene-d12	15.55	264	255367	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	672132	119.10	ng	0.01
7) Phenol-d6	6.50	99	773730	113.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	552407	82.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	316032	130.25	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1139395	86.80	ng	-0.01
79) Terphenyl-d14	13.00	244	1409094	88.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	81272	34.155	ng	98
3) Pyridine	3.46	79	167714	27.319	ng	96
4) n-Nitrosodimethylamine	3.38	42	103851	39.323	ng	94
6) Aniline	6.53	93	85891	9.837	ng	# 85
8) 2-Chlorophenol	6.65	128	270444	42.501	ng	97
9) Benzaldehyde	6.42	77	71036	15.463	ng	99
10) Phenol	6.51	94	271892	34.929	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	231830	41.179	ng	98
12) 1,3-Dichlorobenzene	6.80	146	301271	40.530	ng	99
13) 1,4-Dichlorobenzene	6.88	146	302042	40.353	ng	98
14) 1,2-Dichlorobenzene	7.03	146	287101	40.844	ng	97
15) Benzyl Alcohol	7.01	79	229836	43.137	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	275829	40.748	ng	95
17) 2-Methylphenol	7.12	107	209876	41.469	ng	99
18) Hexachloroethane	7.37	117	110489	40.060	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	178660	43.075	ng	97
20) 3+4-Methylphenols	7.27	107	266767	41.964	ng	# 85
22) Acetophenone	7.27	105	380176	41.918	ng	# 96
24) Nitrobenzene	7.45	77	268921	40.790	ng	98
25) Isophorone	7.69	82	486992	42.811	ng	98
26) 2-Nitrophenol	7.77	139	150695	42.765	ng	98
27) 2,4-Dimethylphenol	7.80	122	237384	50.504	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	304623	40.982	ng	99
29) 2,4-Dichlorophenol	8.01	162	233888	42.684	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	260289	40.647	ng	99
31) Naphthalene	8.17	128	811054	42.779	ng	100
32) Benzoic acid	7.92	122	146308	34.475	ng	95
33) 4-Chloroaniline	8.22	127	40090	4.897	ng	99
34) Hexachlorobutadiene	8.29	225	150832	39.280	ng	98
35) Caprolactam	8.59	113	29939	17.717	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	243323	42.197	ng	98
37) 2-Methylnaphthalene	8.87	142	557240	43.414	ng	100
38) 1-Methylnaphthalene	8.97	142	515053	42.737	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	248476	41.066	ng	99

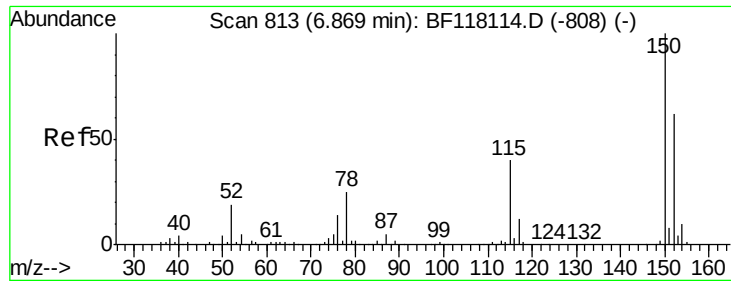
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	253709	93.585	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	171363	42.417	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	181211	43.295	ng	97
46) 1,1'-Biphenyl	9.33	154	674553	42.821	ng	98
47) 2-Chloronaphthalene	9.36	162	522518	41.235	ng	97
48) 2-Nitroaniline	9.46	65	143356	39.671	ng	96
49) Acenaphthylene	9.77	152	835850	44.722	ng	99
50) Dimethylphthalate	9.63	163	666597	45.183	ng	99
51) 2,6-Dinitrotoluene	9.70	165	137676	42.916	ng	94
52) Acenaphthene	9.95	154	481384	42.198	ng	98
53) 3-Nitroaniline	9.87	138	32266	8.547	ng	95
54) 2,4-Dinitrophenol	9.98	184	135102	84.649	ng	94
55) Dibenzofuran	10.12	168	732207	43.804	ng	99
56) 4-Nitrophenol	10.04	139	196062	74.832	ng	94
57) 2,4-Dinitrotoluene	10.10	165	183504	42.856	ng	98
58) Fluorene	10.46	166	576554	43.403	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	150054	43.455	ng	99
60) Diethylphthalate	10.33	149	607883	41.820	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	284711	42.597	ng	98
62) 4-Nitroaniline	10.49	138	145259	36.891	ng	99
63) Azobenzene	10.62	77	534505	43.075	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	91005	43.941	ng	99
66) n-Nitrosodiphenylamine	10.57	169	504294	43.061	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	176177	41.154	ng	# 89
68) Hexachlorobenzene	11.02	284	205263	40.737	ng	97
69) Atrazine	11.10	200	151587	50.851	ng	99
70) Pentachlorophenol	11.22	266	215161	90.801	ng	96
71) Phenanthrene	11.43	178	861730	43.225	ng	100
72) Anthracene	11.49	178	898242	45.166	ng	99
73) Carbazole	11.64	167	787614	44.140	ng	100
74) Di-n-butylphthalate	11.97	149	967893	43.343	ng	98
75) Fluoranthene	12.63	202	901166	44.213	ng	99
77) Benzidine	12.74	184	280589	38.891	ng	97
78) Pyrene	12.86	202	908526	42.066	ng	98
80) Butylbenzylphthalate	13.47	149	408535	41.768	ng	99
81) Benzo(a)anthracene	14.05	228	791334	41.758	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	99081	15.920	ng	95
83) Chrysene	14.09	228	767729	42.411	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	570002	44.195	ng	100
85) Di-n-octyl phthalate	14.64	149	891980	45.655	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	719477	47.237	ng	100
88) Benzo(b)fluoranthene	15.12	252	705504	41.773	ng	98
89) Benzo(k)fluoranthene	15.14	252	675648	41.643	ng	98
90) Benzo(a)pyrene	15.49	252	655639	43.954	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	603528	47.173	ng	99
92) Benzo(g,h,i)perylene	17.52	276	607918	49.448	ng	100

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

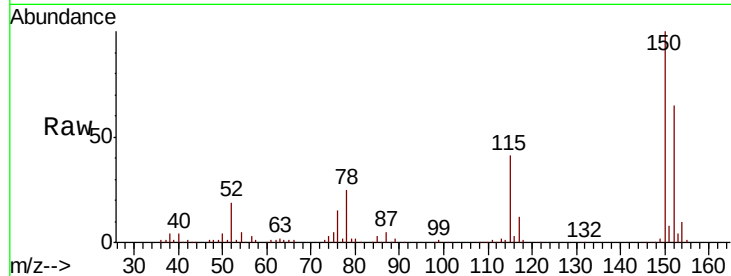


#1

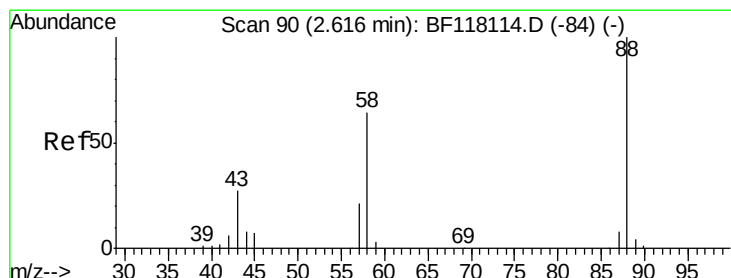
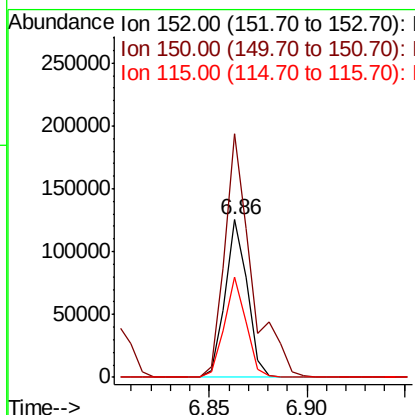
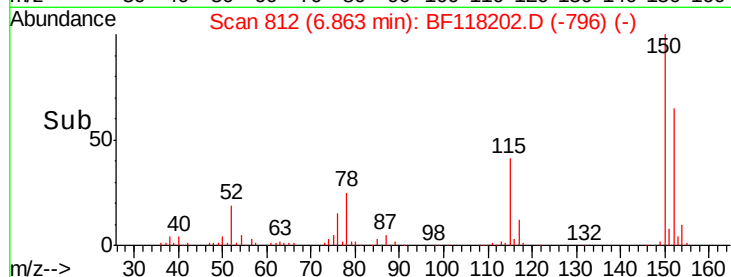
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98839
Ion Ratio Lower Upper
152 100
150 154.4 128.3 192.5
115 63.5 51.1 76.7



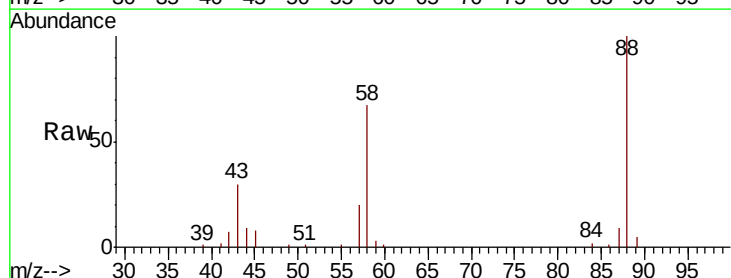
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



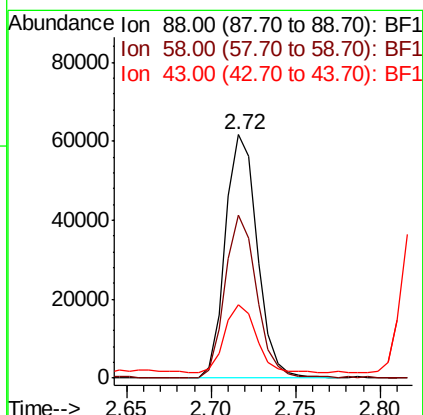
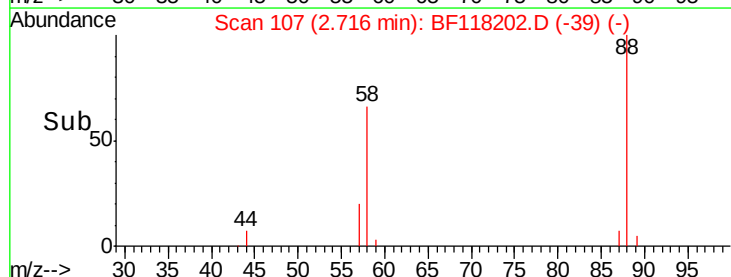
#2

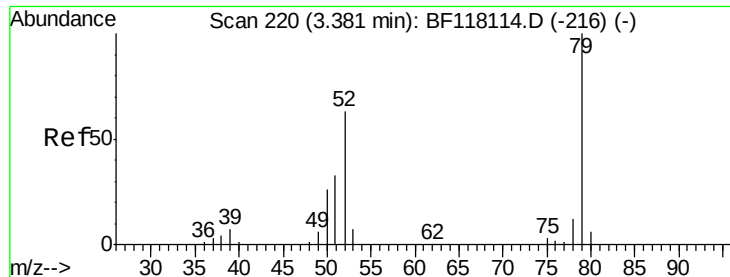
1,4-Dioxane
Concen: 34.155 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.10 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion: 88 Resp: 81272
Ion Ratio Lower Upper
88 100
58 66.5 52.2 78.4
43 27.9 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: 27.319 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.08 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampled :

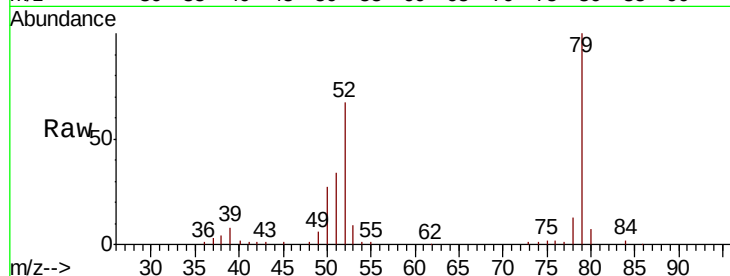
Tot Ion: 79 Resp: 167714

Ion Ratio Lower Upper

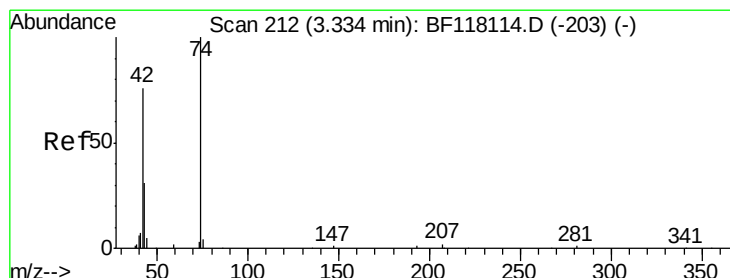
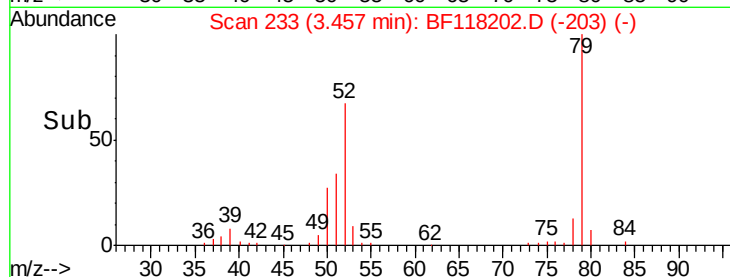
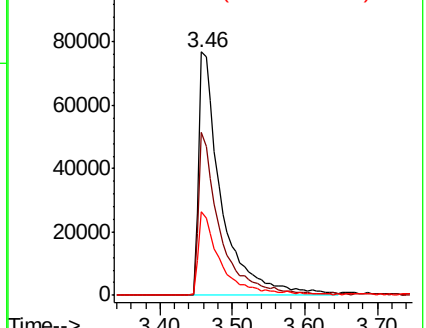
79 100

52 66.8 50.7 76.1

51 34.4 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: 39.323 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.05 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

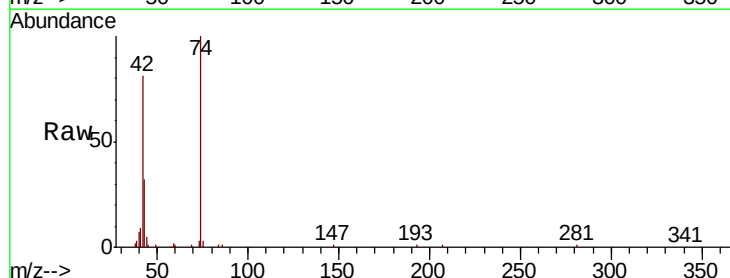
Tgt Ion: 42 Resp: 103851

Ion Ratio Lower Upper

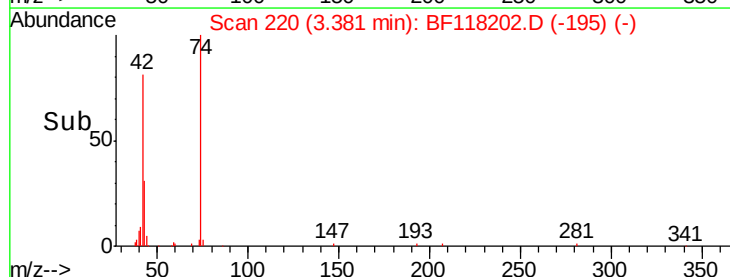
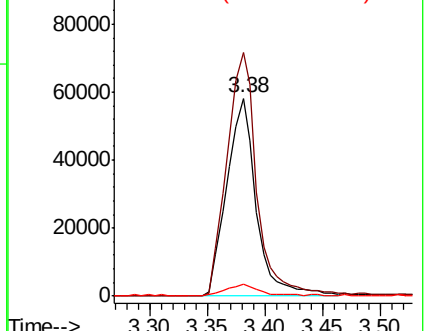
42 100

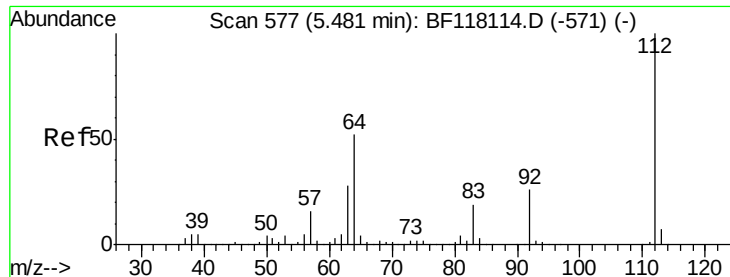
74 123.0 104.6 157.0

44 6.0 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: 119.104 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118202.D

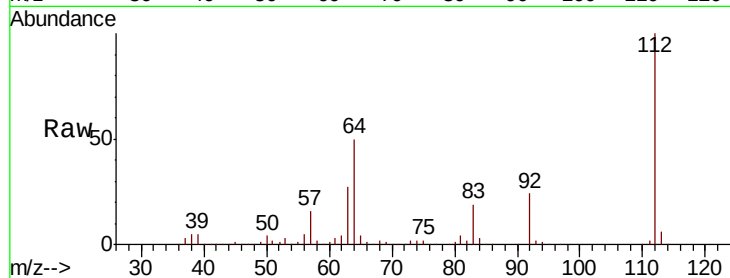
Acq: 16 Dec 2019 17:53

Instrument :

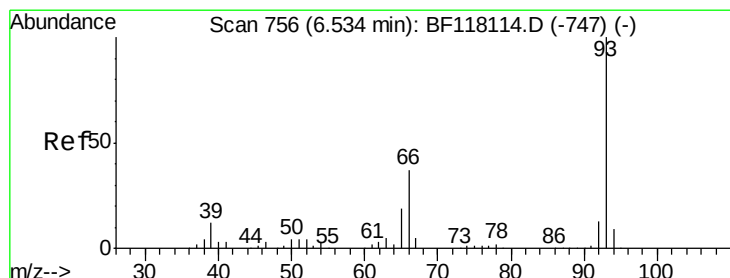
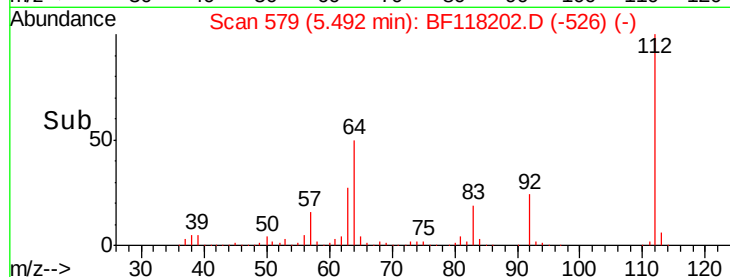
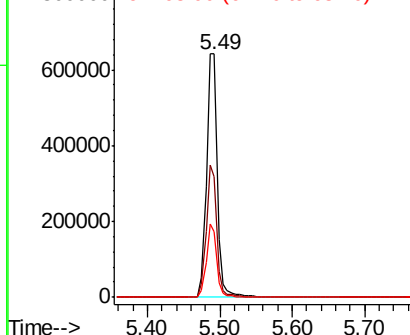
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	672132
Ion	Ratio	Lower	Upper
112	100		
64	49.8	41.3	61.9
63	27.0	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.837 ng

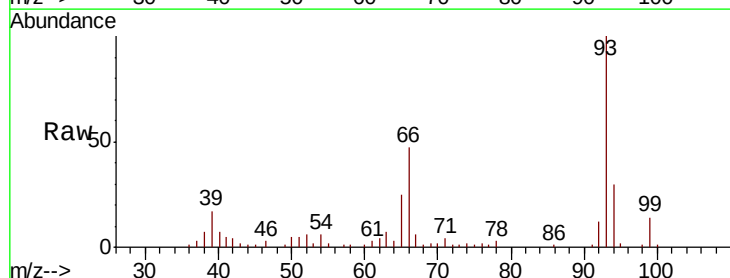
RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

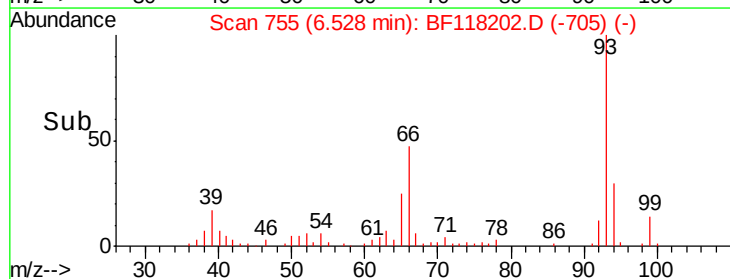
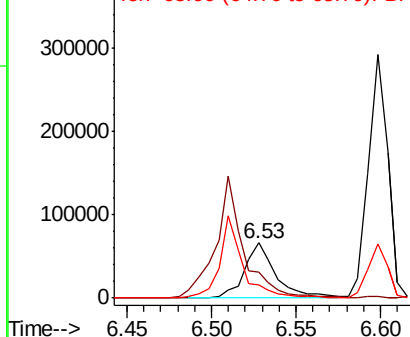
Lab File: BF118202.D

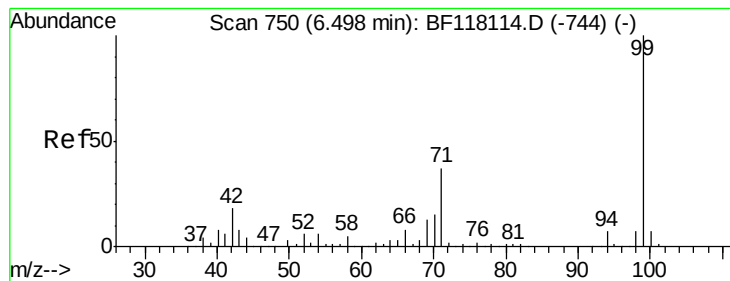
Acq: 16 Dec 2019 17:53

Tgt Ion:	93	Resp:	85891
Ion	Ratio	Lower	Upper
93	100		
66	47.2	30.2	45.2#
65	25.1	15.5	23.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.356 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

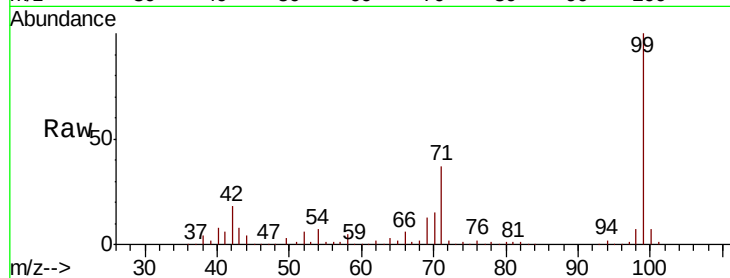
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 773730

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	36.9	29.7	44.5

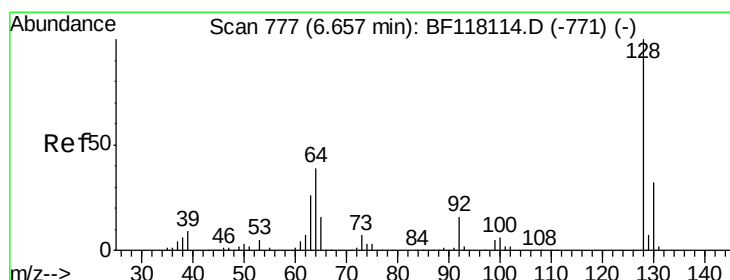
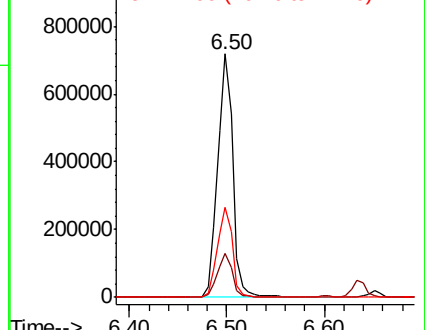
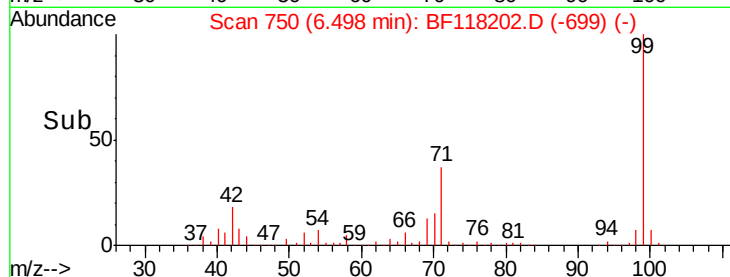


Abundance

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: 42.501 ng

RT: 6.65 min Scan# 776

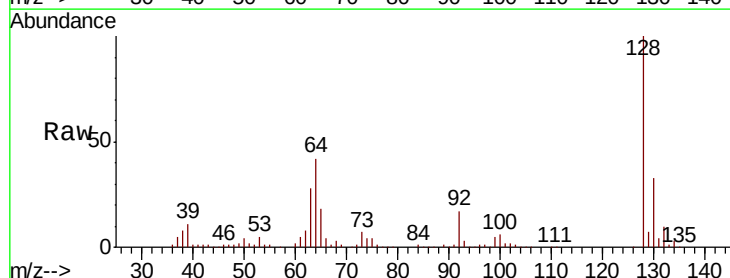
Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Tgt Ion: 128 Resp: 270444

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.1	52.1
64	41.7	19.3	59.3

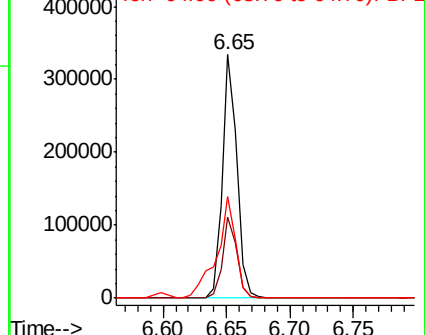
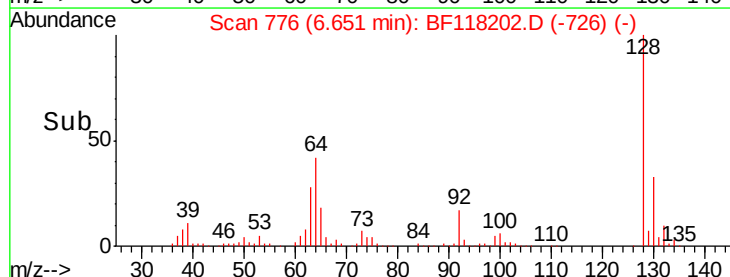


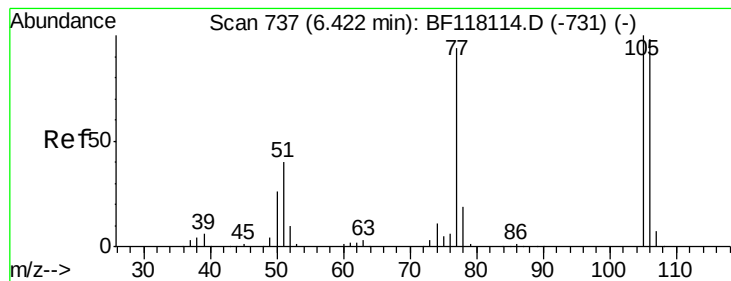
Abundance

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: 15.463 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampled :

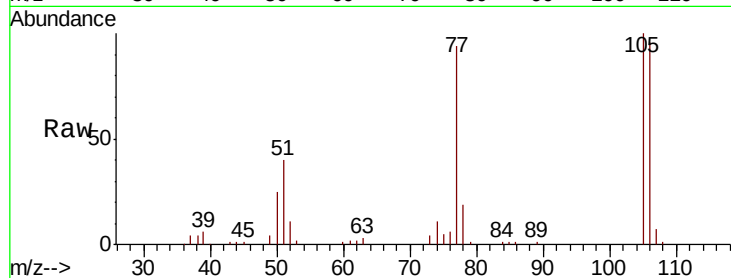
Tot Ion: 77 Resp: 71036

Ion Ratio Lower Upper

77 100

105 106.2 86.4 126.4

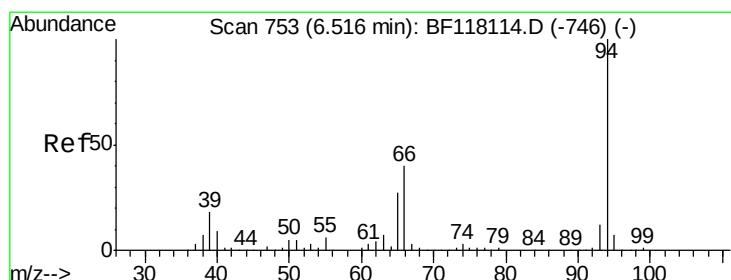
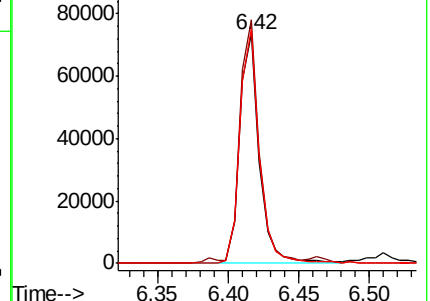
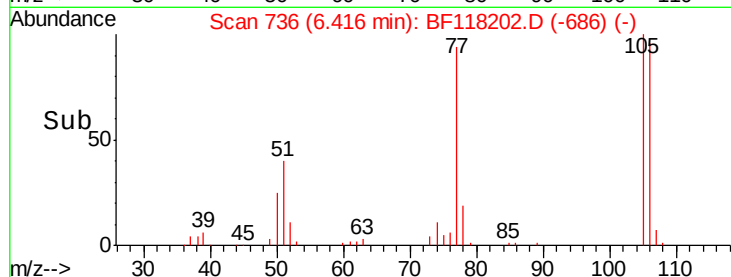
106 102.4 83.8 123.8



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: 34.929 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

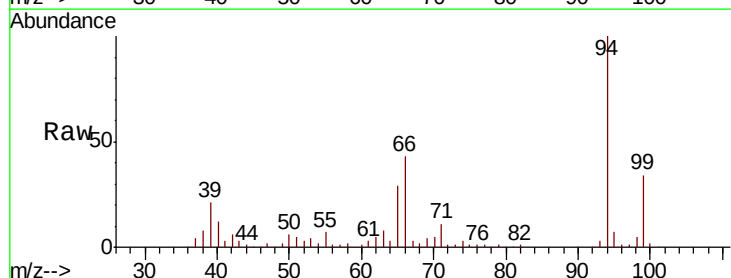
Tgt Ion: 94 Resp: 271892

Ion Ratio Lower Upper

94 100

65 29.0 7.3 47.3

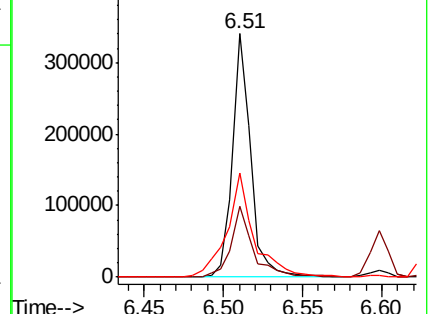
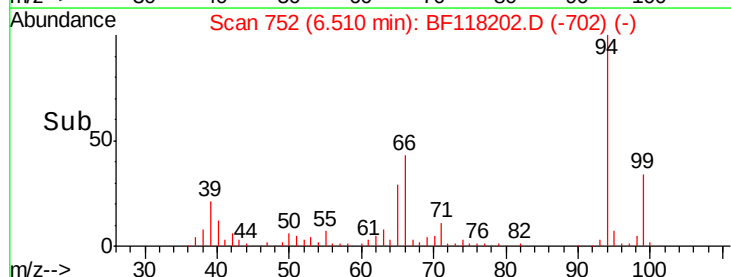
66 42.9 20.2 60.2

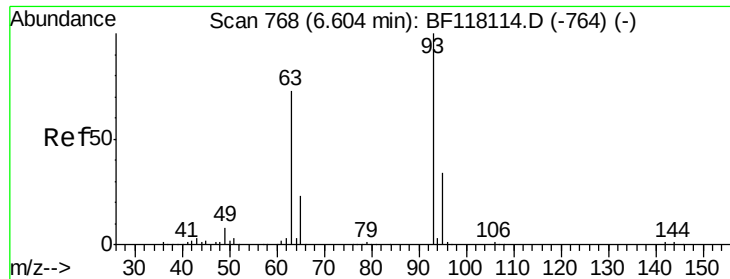


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.179 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

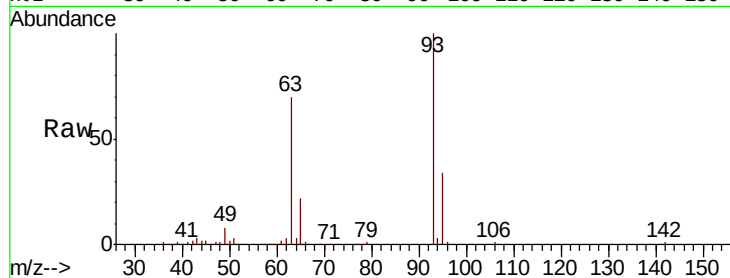
Tot Ion: 93 Resp: 231830

Ion Ratio Lower Upper

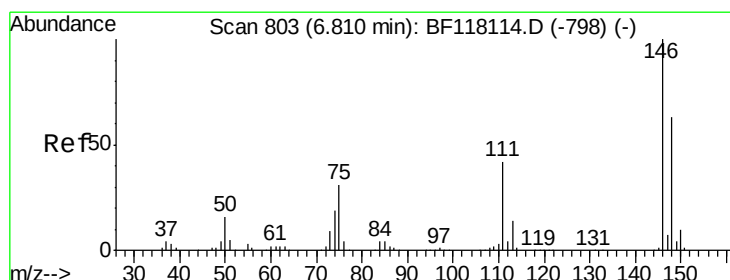
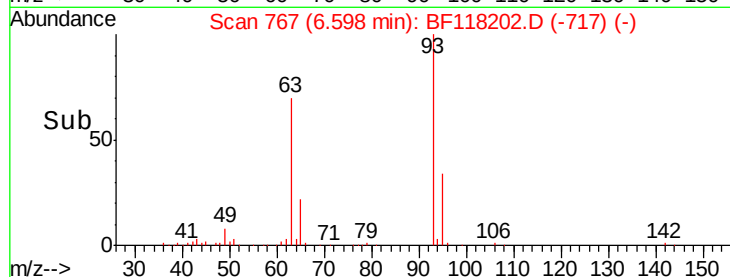
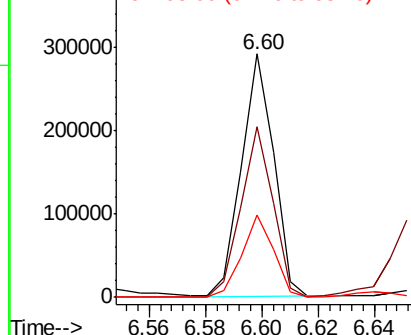
93 100

63 70.2 53.2 93.2

95 33.8 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.530 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

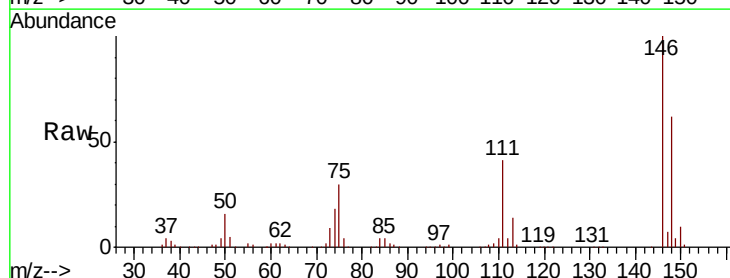
Tgt Ion: 146 Resp: 301271

Ion Ratio Lower Upper

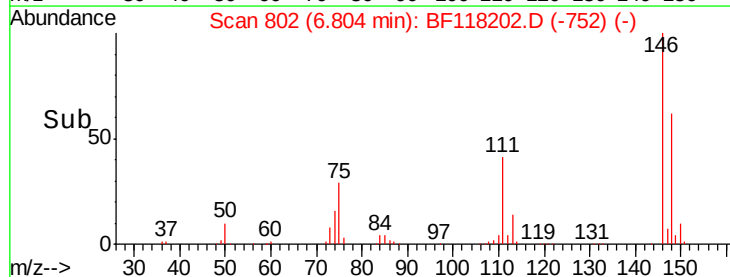
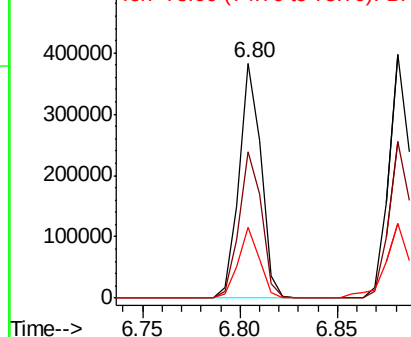
146 100

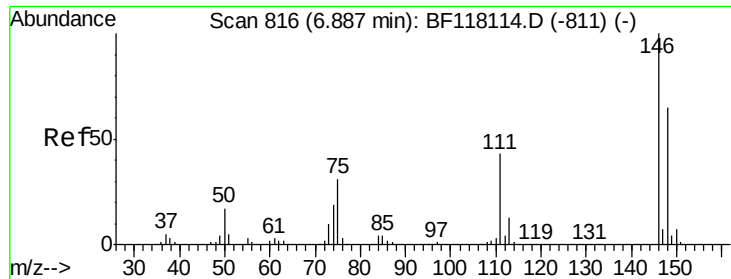
148 62.3 50.2 75.4

75 30.3 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

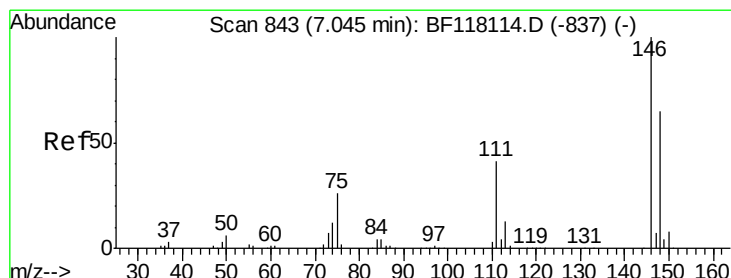
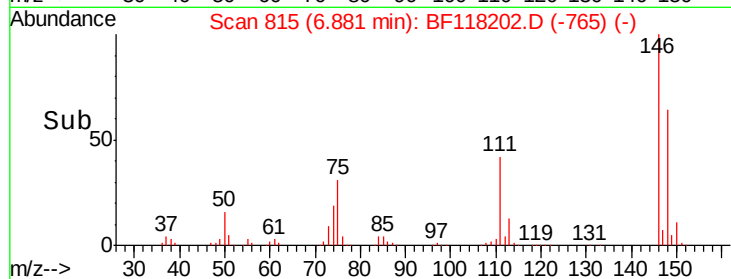
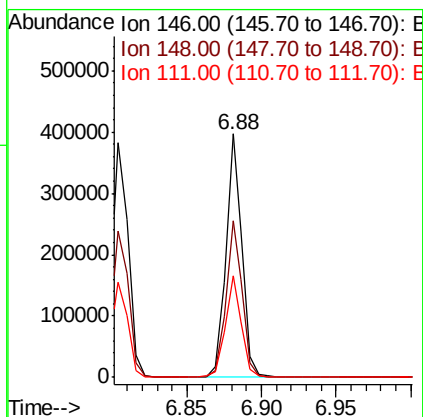
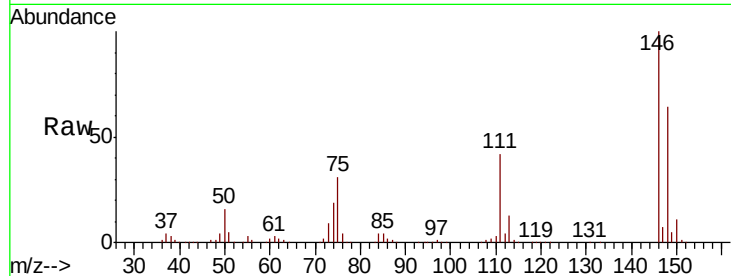




#13
 1,4-Dichlorobenzene
 Concen: 40.353 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

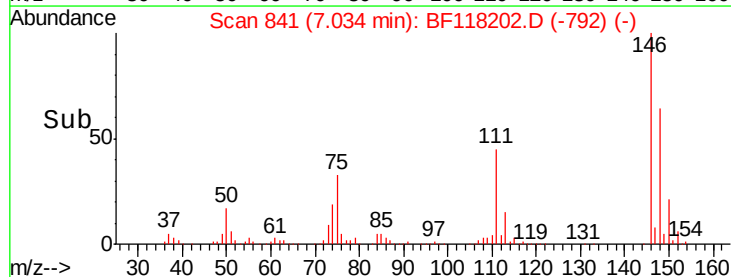
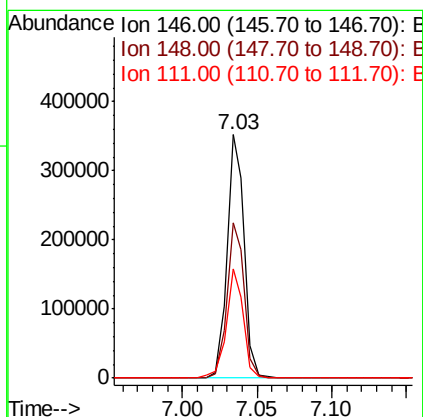
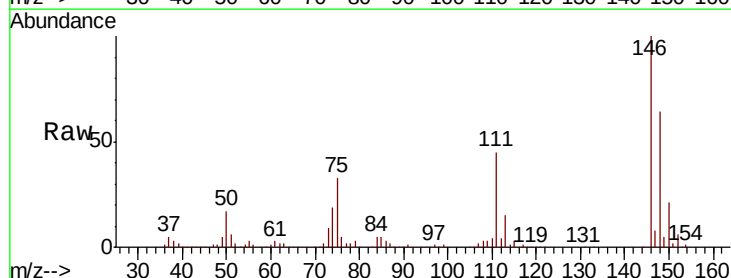
Instrument :
 BNA_F
 ClientSampled :

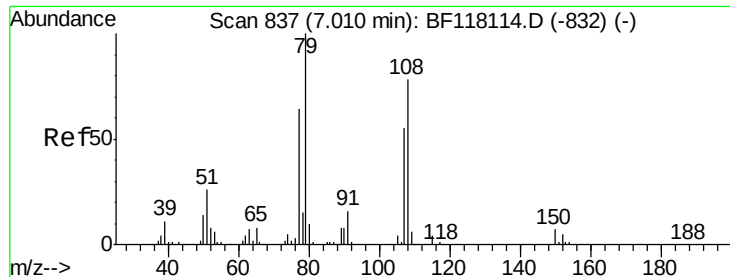
Tot Ion:146 Resp: 302042
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 41.5 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 40.844 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion:146 Resp: 287101
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 44.7 33.1 49.7





#15

Benzyl Alcohol

Concen: 43.137 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

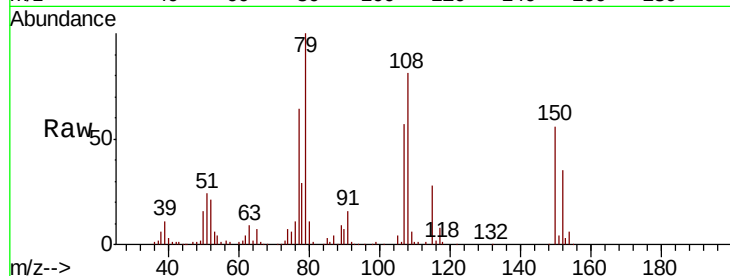
Tot Ion: 79 Resp: 229836

Ion Ratio Lower Upper

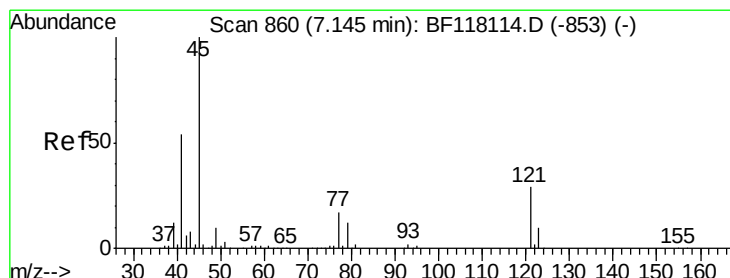
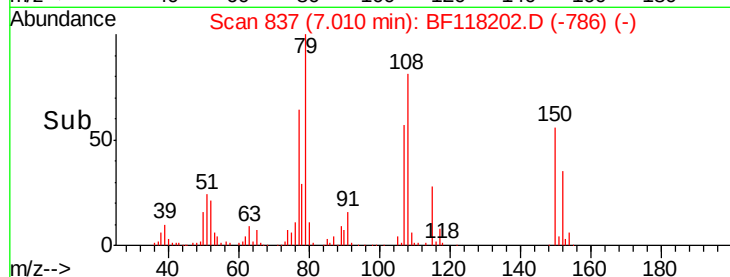
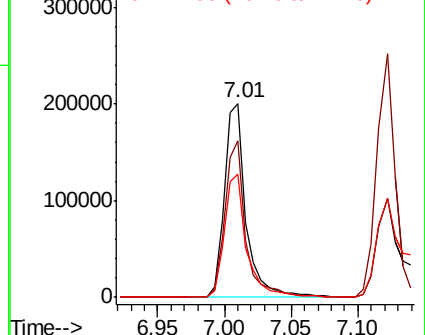
79 100

108 80.9 62.7 94.1

77 63.6 51.4 77.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.748 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

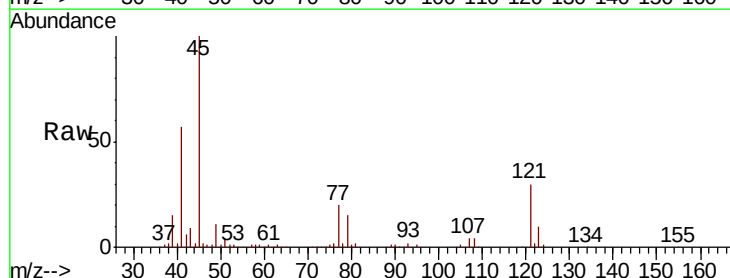
Tgt Ion: 45 Resp: 275829

Ion Ratio Lower Upper

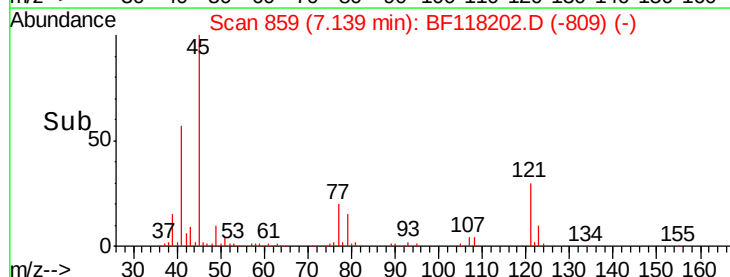
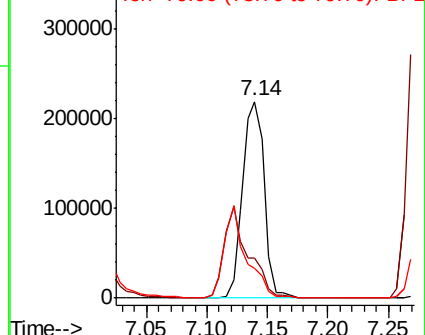
45 100

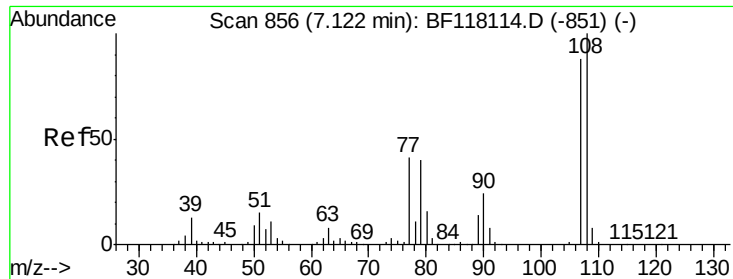
77 20.1 0.0 38.0

79 15.4 0.0 33.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

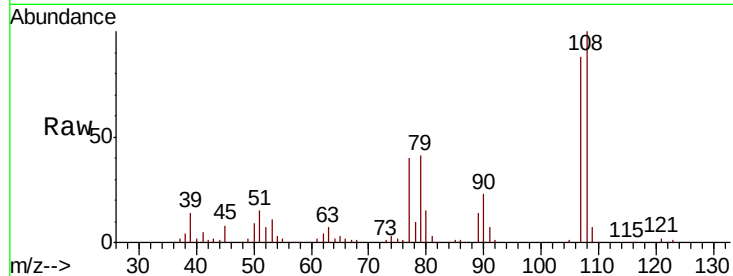




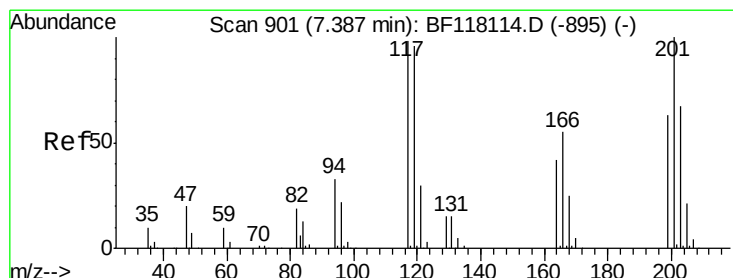
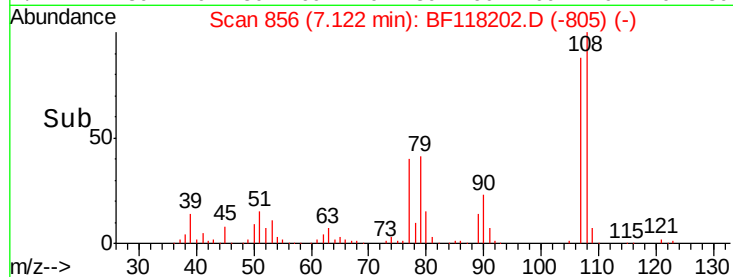
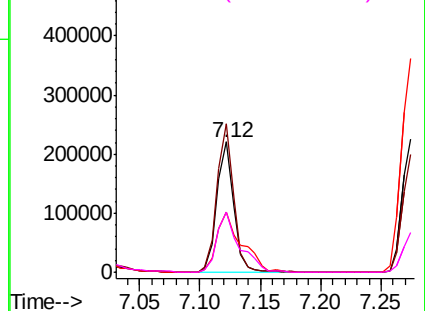
#17
2-Methylphenol
Concen: 41.469 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	209876
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.1	136.7
77	46.2	37.8	56.6
79	46.5	37.0	55.6

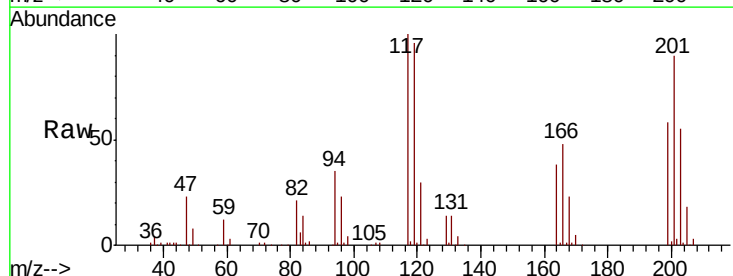


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

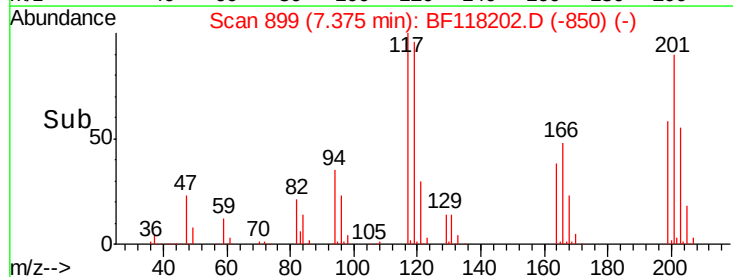
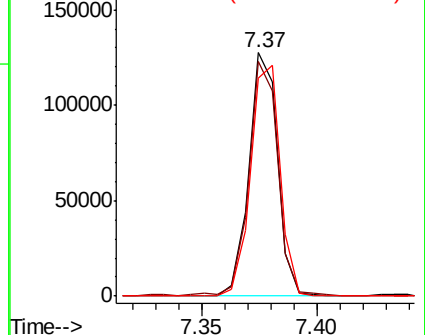


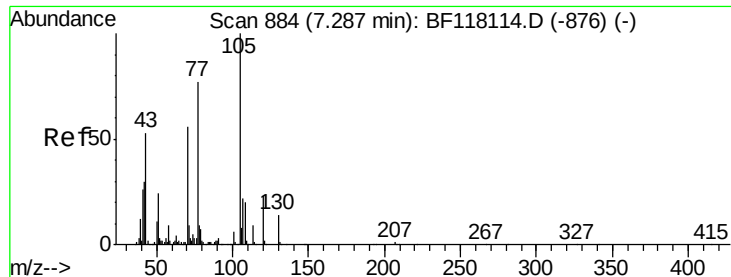
#18
Hexachloroethane
Concen: 40.060 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:	117	Resp:	110489
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.4
201	89.6	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

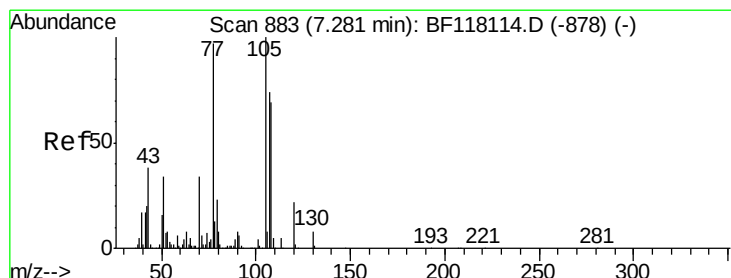
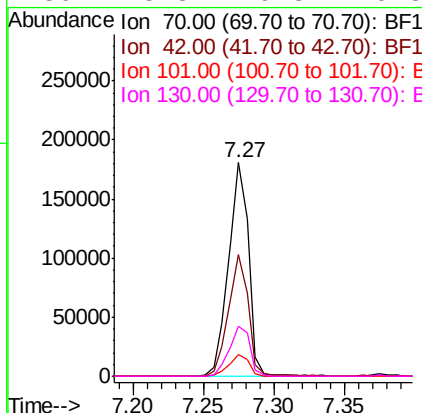
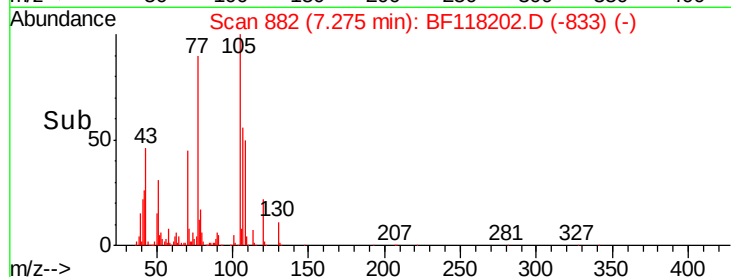
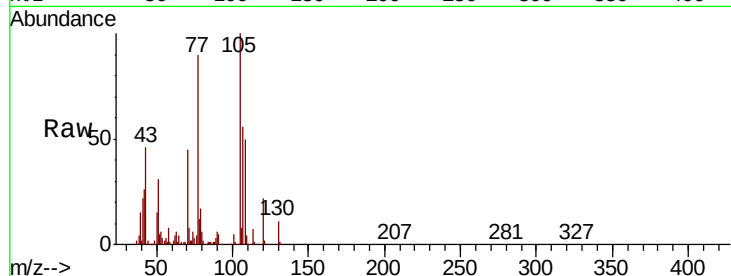




#19
n-Nitroso-di-n-propylamine
Concen: 43.075 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

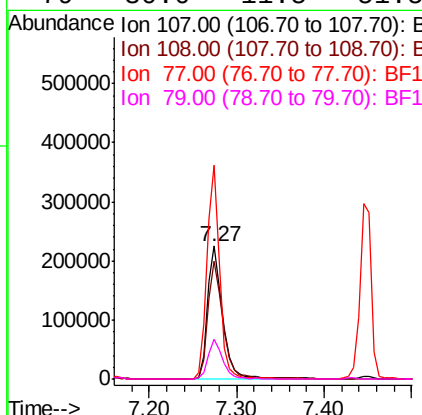
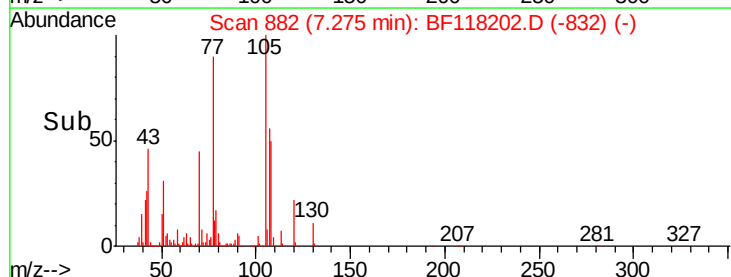
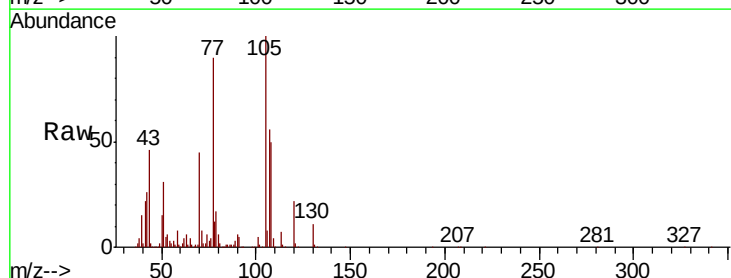
Instrument :
BNA_F
ClientSampled :

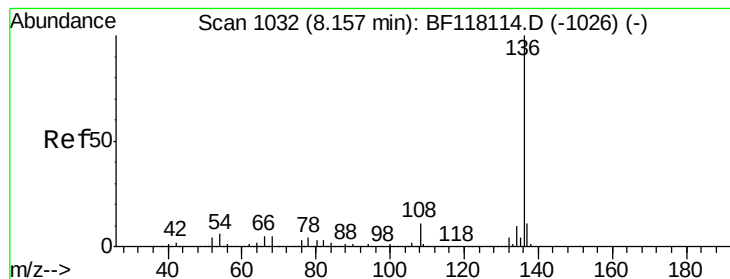
Tot Ion: 70 Resp: 178660
Ion Ratio Lower Upper
70 100
42 56.8 43.2 64.8
101 10.2 8.1 12.1
130 23.3 19.8 29.8



#20
3+4-Methylphenols
Concen: 41.964 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:107 Resp: 266767
Ion Ratio Lower Upper
107 100
108 88.4 73.2 113.2
77 160.7 110.9 150.9#
79 30.0 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: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 377506

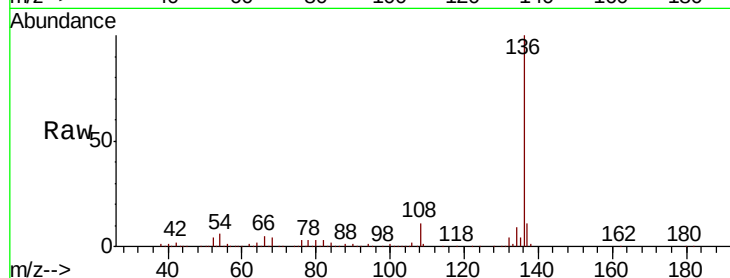
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.1 5.0 7.6

68 4.3 3.8 5.8

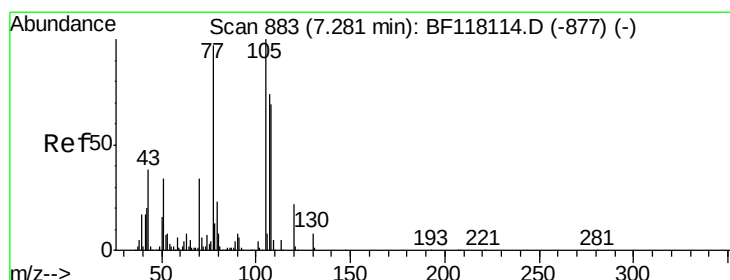
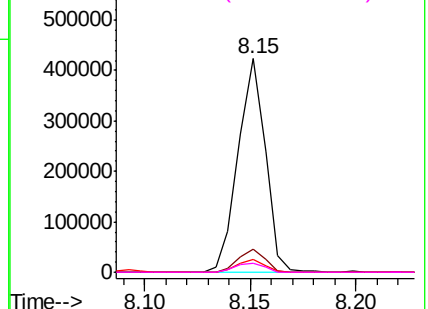
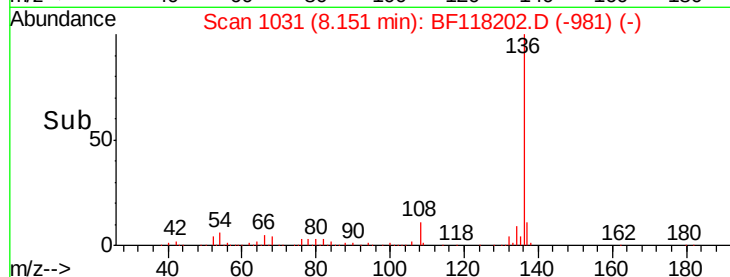


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.918 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Tgt Ion:105 Resp: 380176

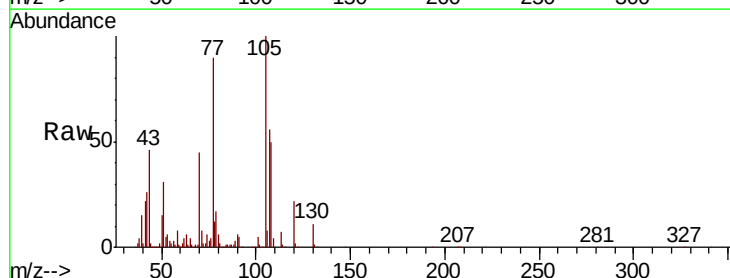
Ion Ratio Lower Upper

105 100

71 7.6 4.7 7.1#

51 30.7 27.1 40.7

120 21.8 17.8 26.6

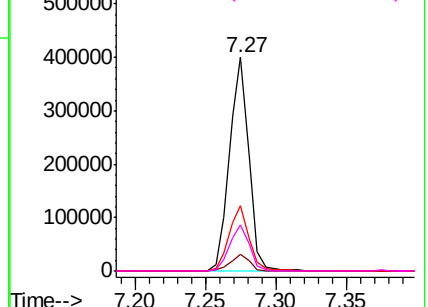
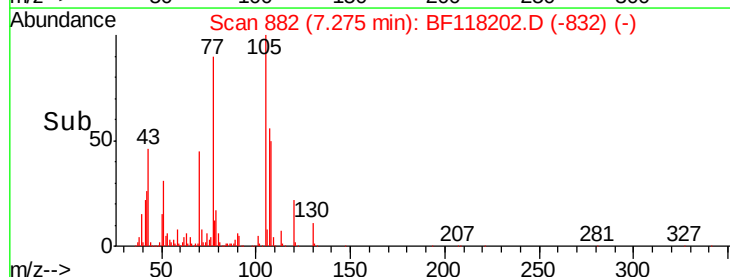


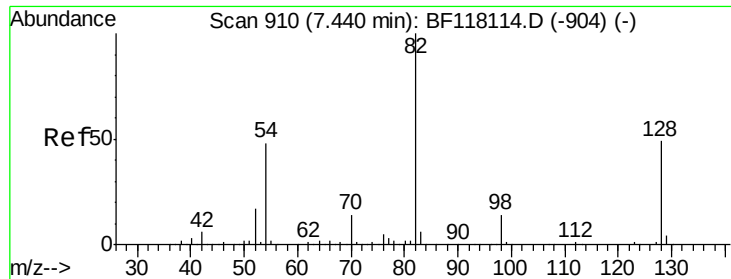
Abundance Ion 105.00 (104.70 to 105.70): E

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

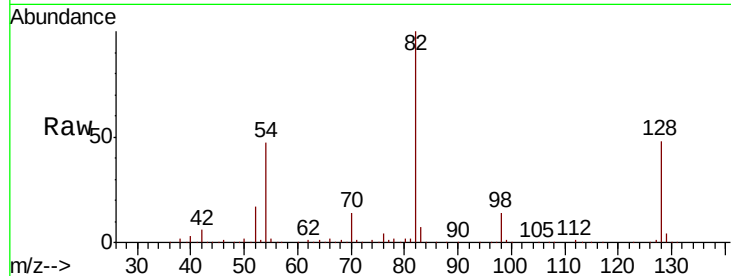




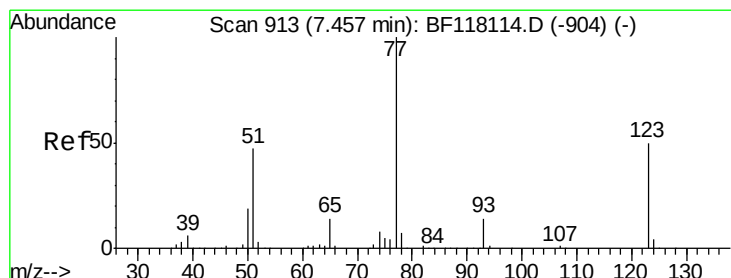
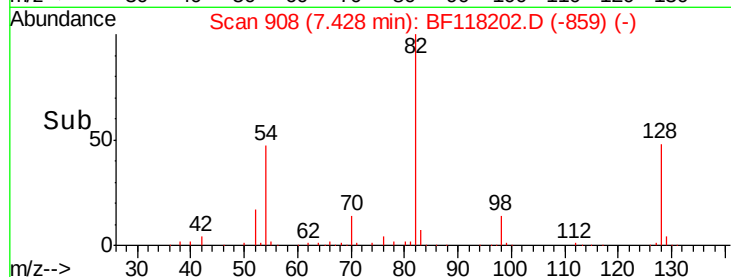
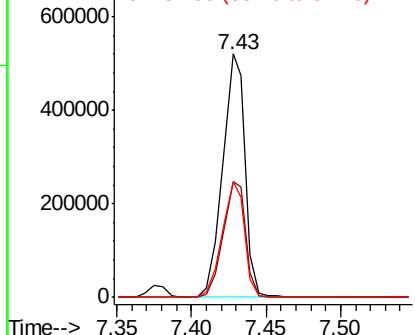
#23
 Nitrobenzene-d5
 Concen: 82.322 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	552407
Ion Ratio	Lower	Upper	
82	100		
128	47.7	39.1	58.7
54	47.4	38.2	57.2

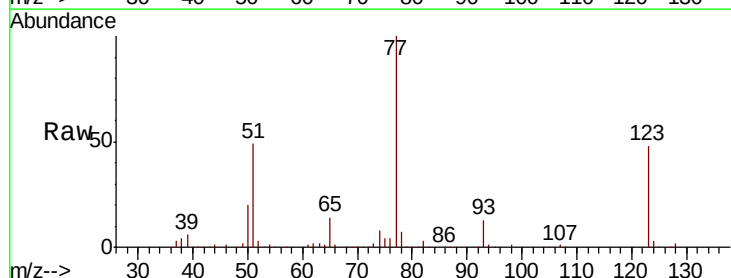


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

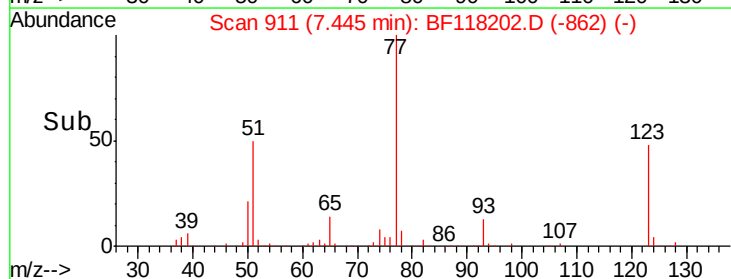
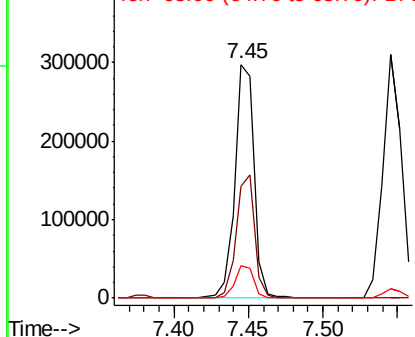


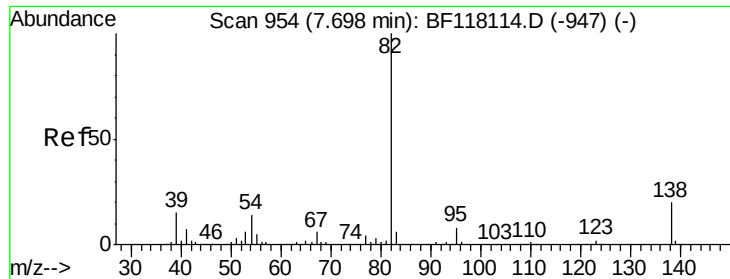
#24
 Nitrobenzene
 Concen: 40.790 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion	77	Resp	268921
Ion Ratio	Lower	Upper	
77	100		
123	48.1	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: 42.811 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

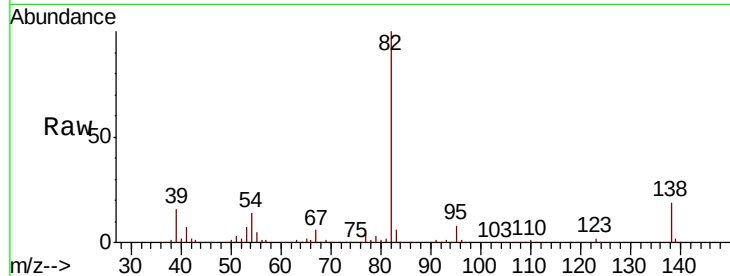
Tot Ion: 82 Resp: 486992

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

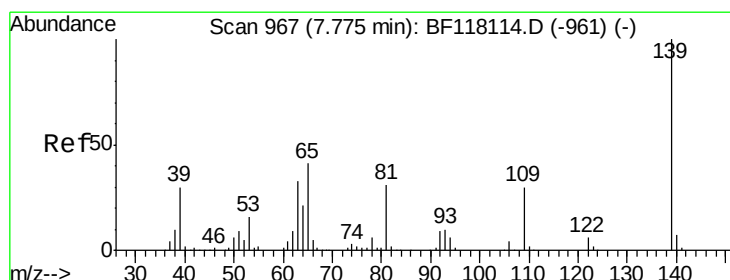
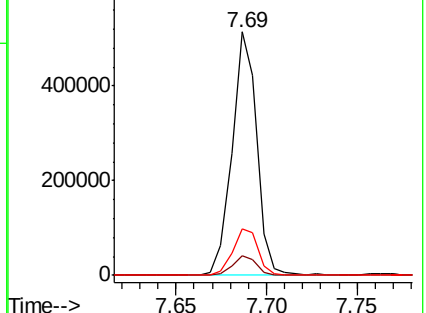
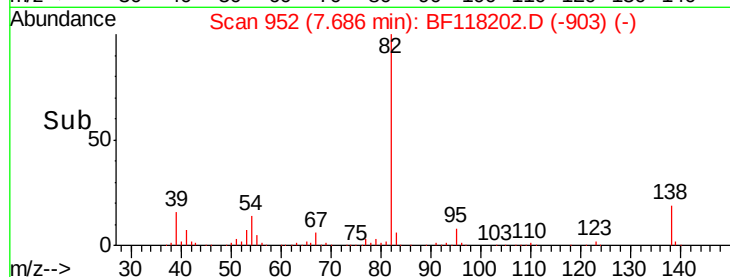
138 18.9 16.3 24.5



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: 42.765 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

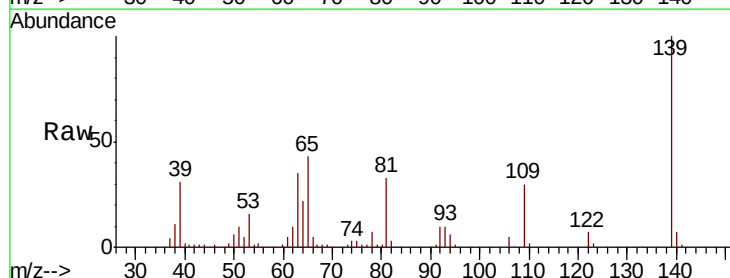
Tgt Ion: 139 Resp: 150695

Ion Ratio Lower Upper

139 100

109 30.4 23.9 35.9

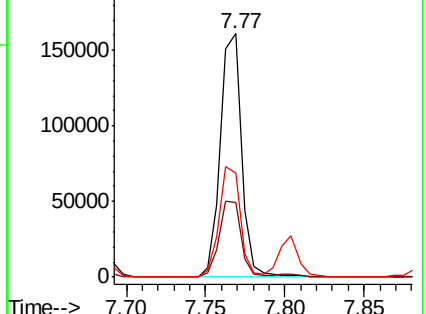
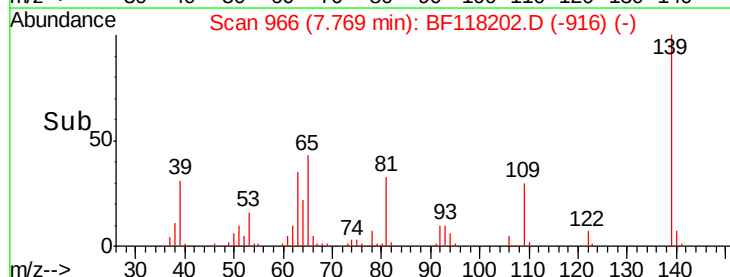
65 42.5 33.0 49.6

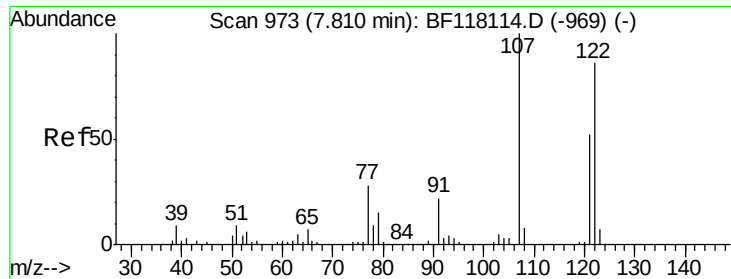


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.504 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

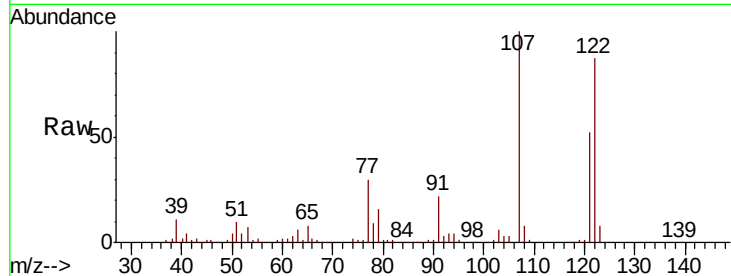
Tot Ion:122 Resp: 237384

Ion Ratio Lower Upper

122 100

107 114.5 92.9 139.3

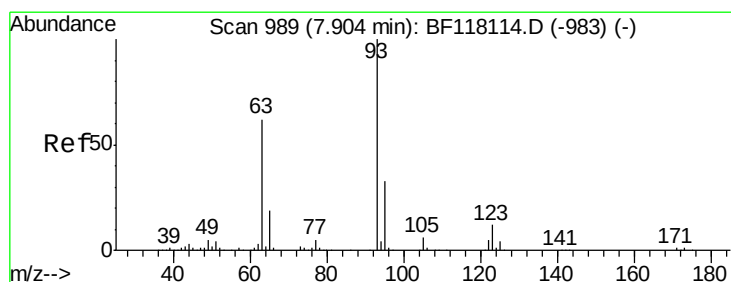
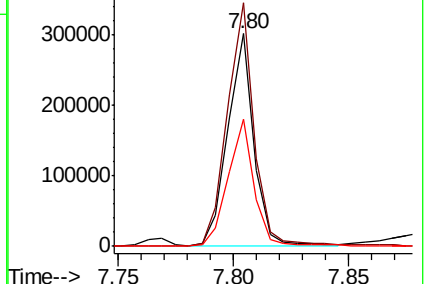
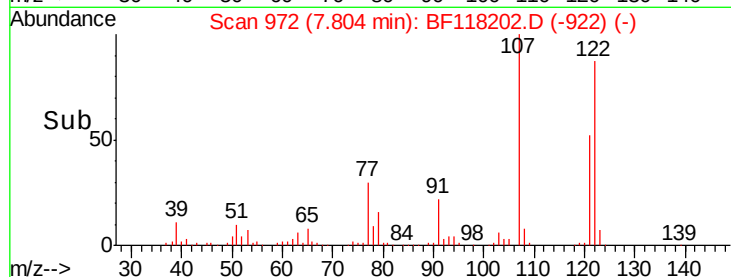
121 60.1 48.3 72.5



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: 40.982 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

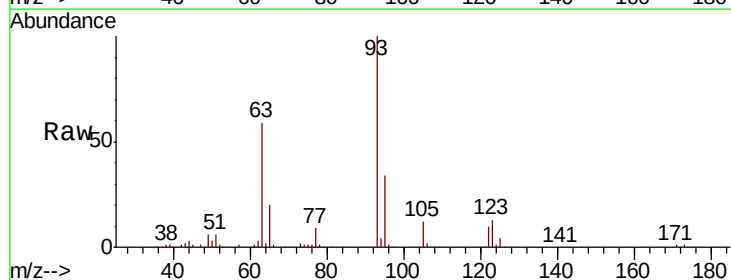
Tgt Ion: 93 Resp: 304623

Ion Ratio Lower Upper

93 100

95 33.8 26.7 40.1

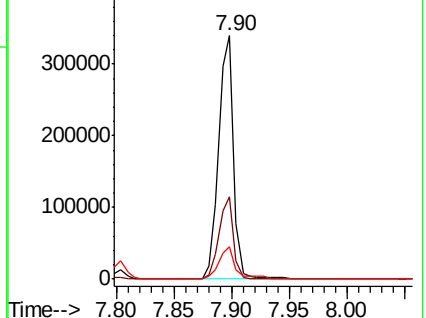
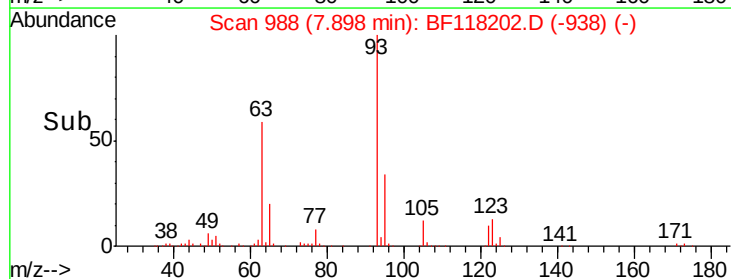
123 13.1 10.0 15.0

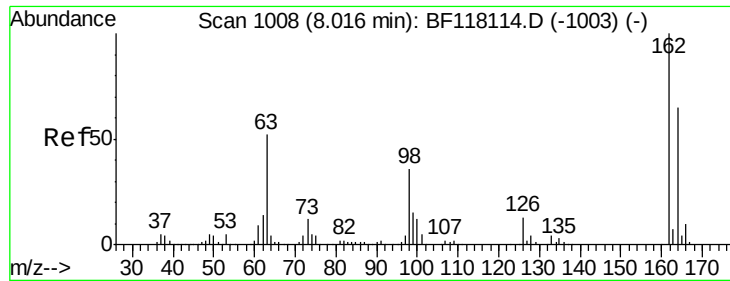


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

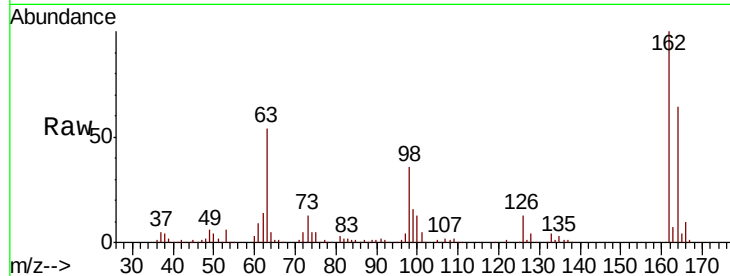




#29
 2,4-Dichlorophenol
 Concen: 42.684 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.2	85.2
98	36.1	15.9	55.9

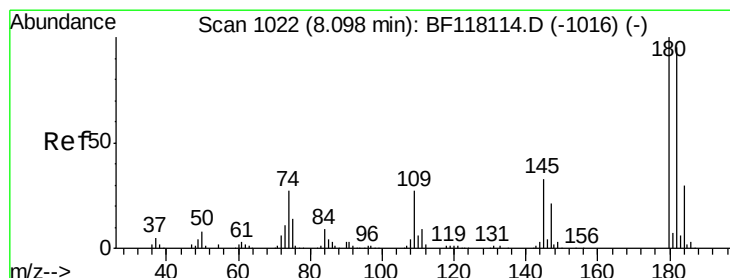
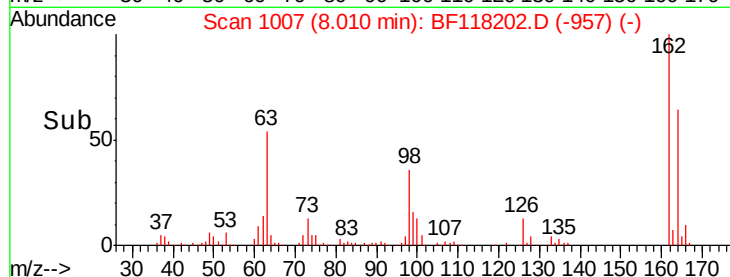
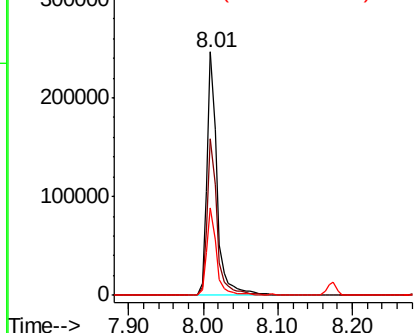


Abundance

Ion 162.00 (161.70 to 162.70): E

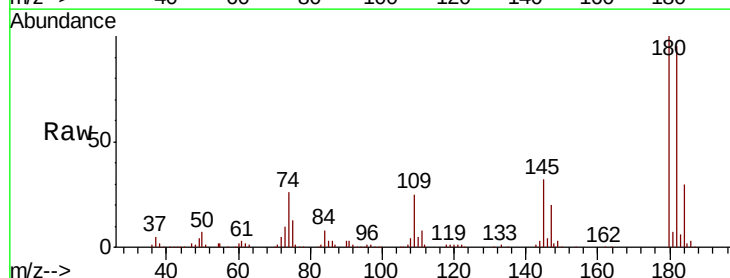
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.647 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	31.9	26.1	39.1

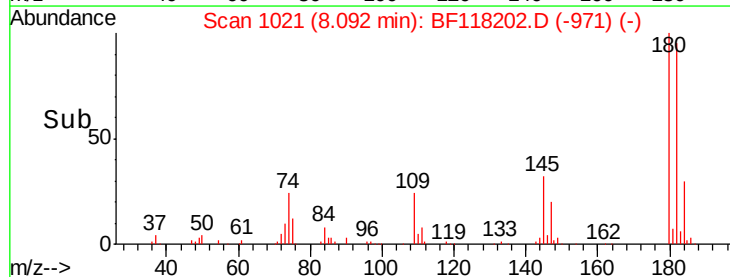
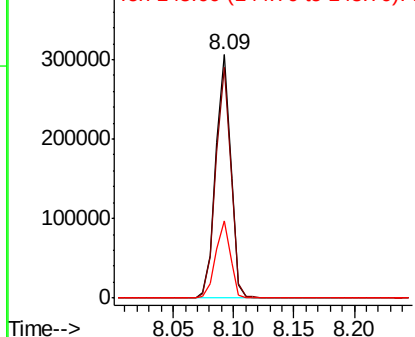


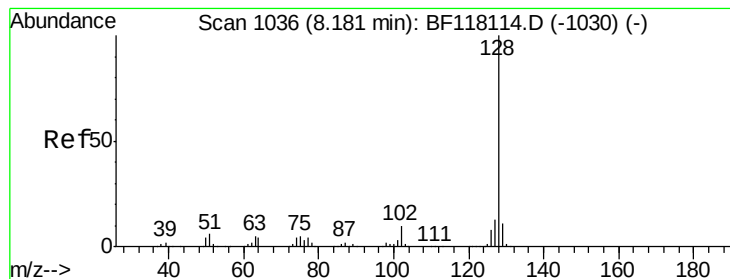
Abundance

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: 42.779 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

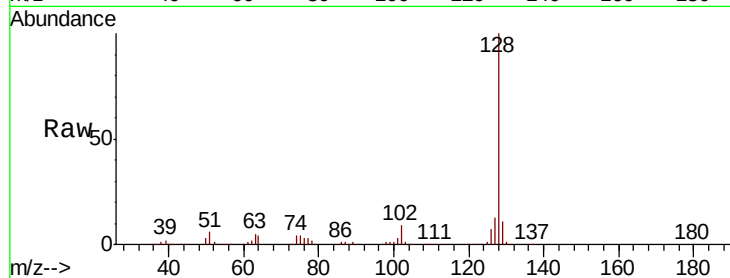
Tot Ion:128 Resp: 811054

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

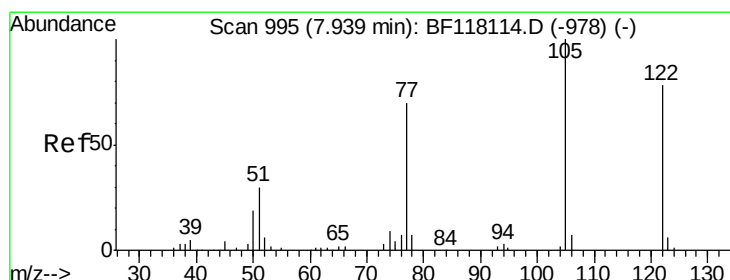
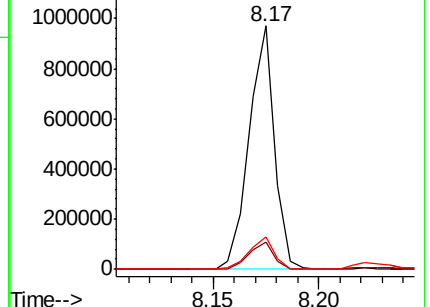
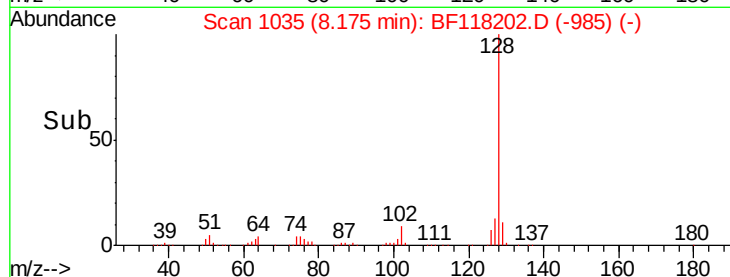
127 13.4 10.6 16.0



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: 34.475 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

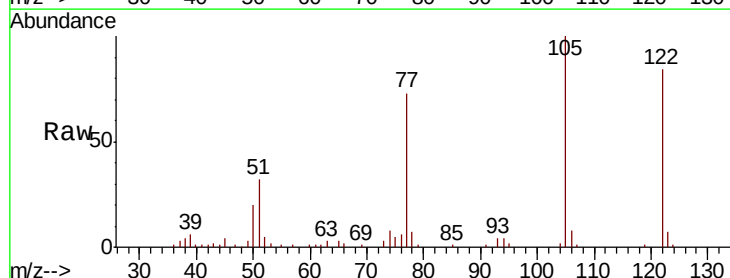
Tgt Ion:122 Resp: 146308

Ion Ratio Lower Upper

122 100

105 118.4 104.7 144.7

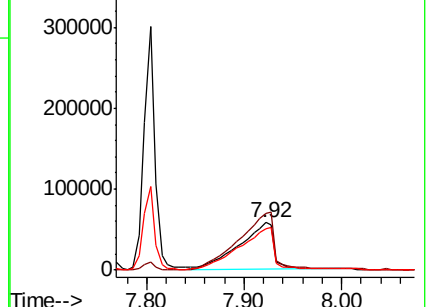
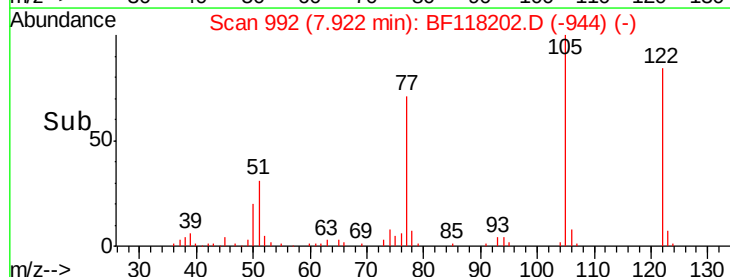
77 86.1 69.1 109.1

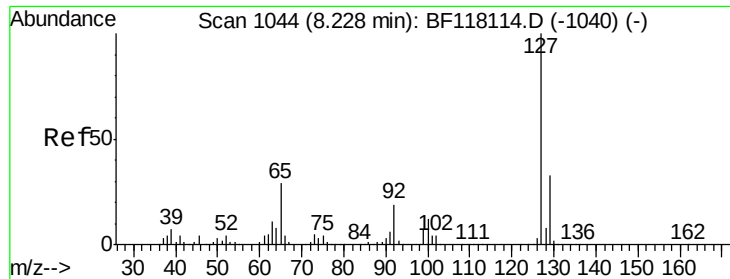


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

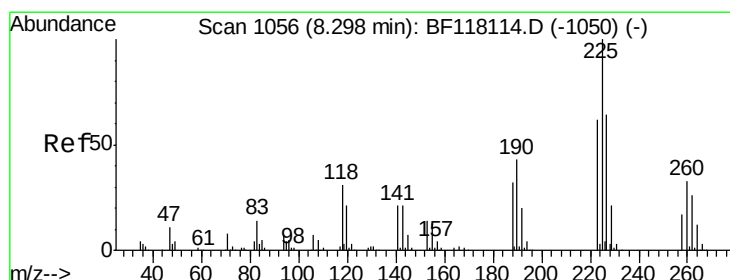
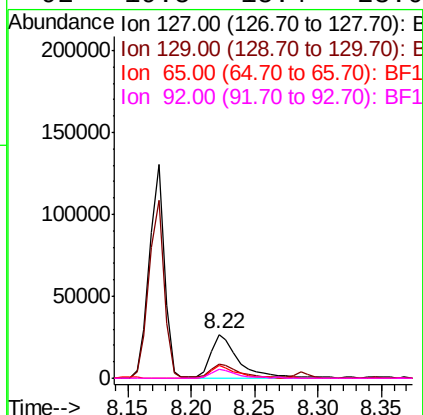
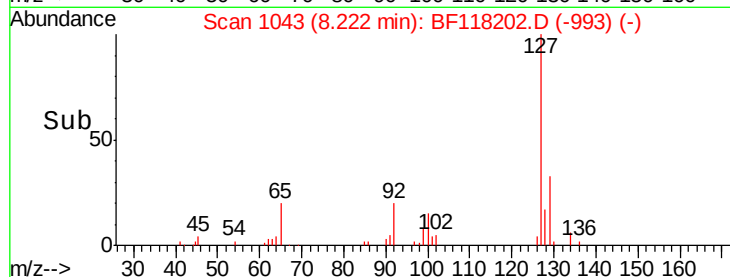
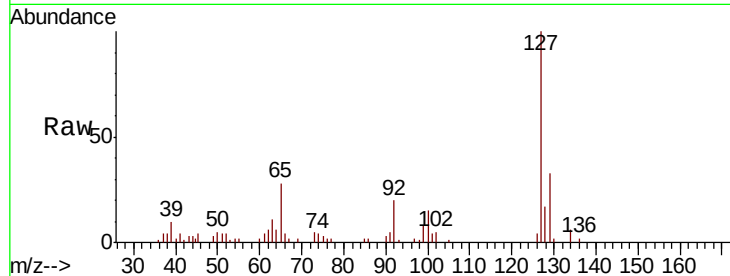




#33
4-Chloroaniline
Concen: 4.897 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

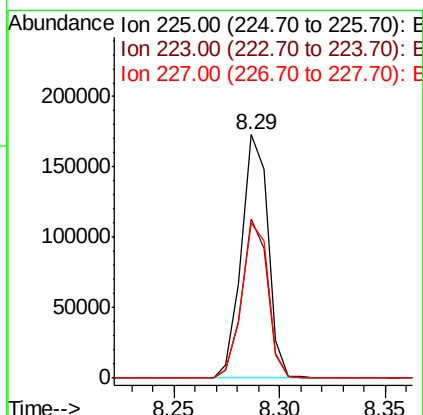
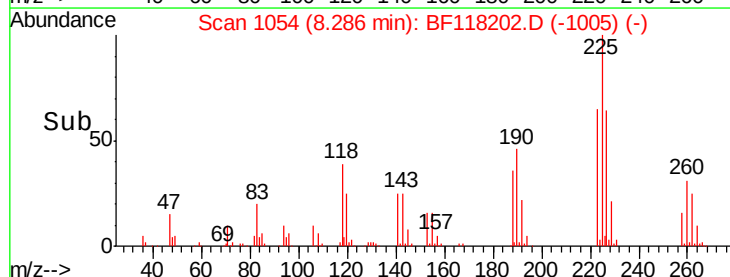
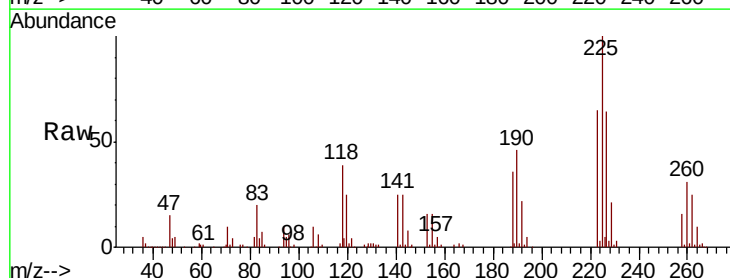
Instrument :
BNA_F
ClientSampleId :

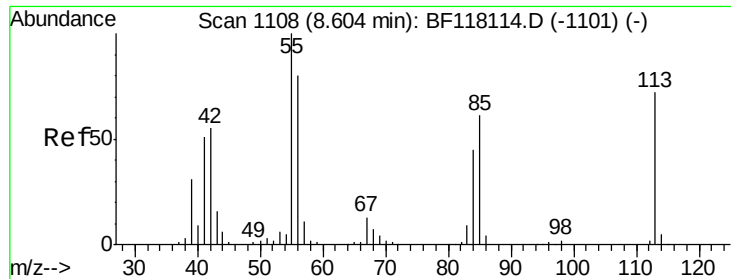
Tot Ion:127	Resp:	40090
Ion	Ratio	Lower Upper
127	100	
129	32.7	26.6 40.0
65	28.2	23.2 34.8
92	19.5	15.4 23.0



#34
Hexachlorobutadiene
Concen: 39.280 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:225	Resp:	150832
Ion	Ratio	Lower Upper
225	100	
223	65.3	49.6 74.4
227	63.7	51.0 76.6

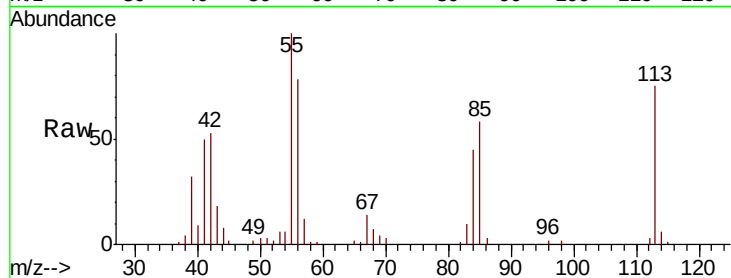




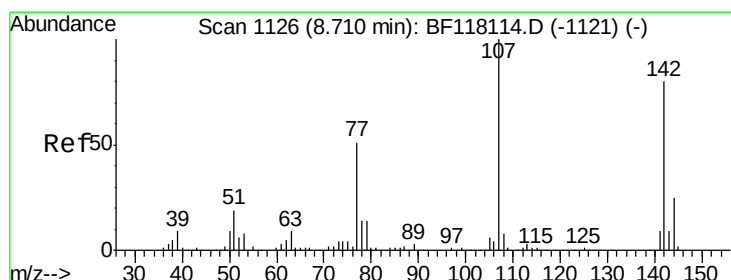
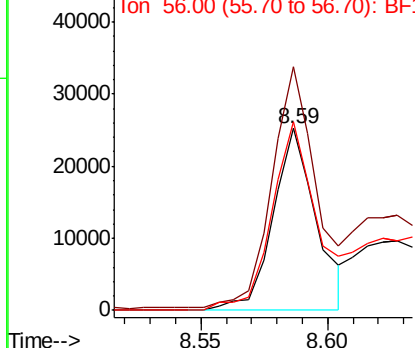
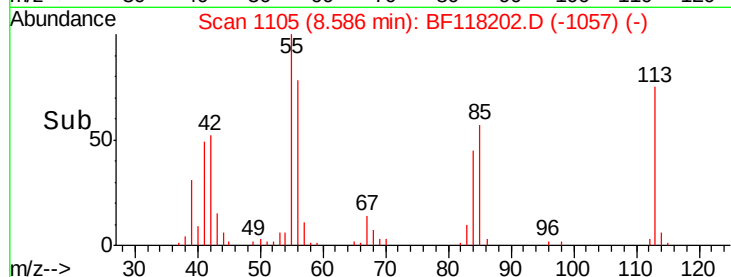
#35
 Caprolactam
 Concen: 17.717 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 29939
 Ion Ratio Lower Upper
 113 100
 55 133.8 118.9 158.9
 56 103.9 91.4 131.4

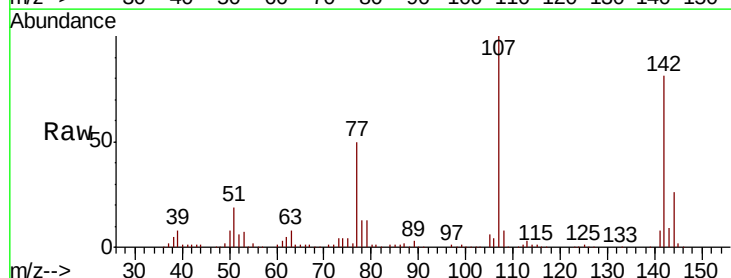


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

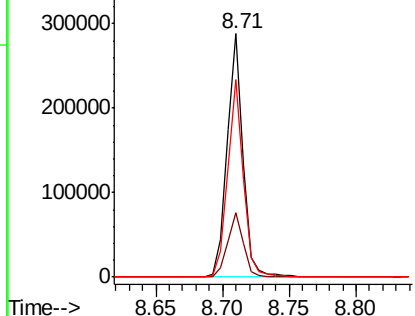
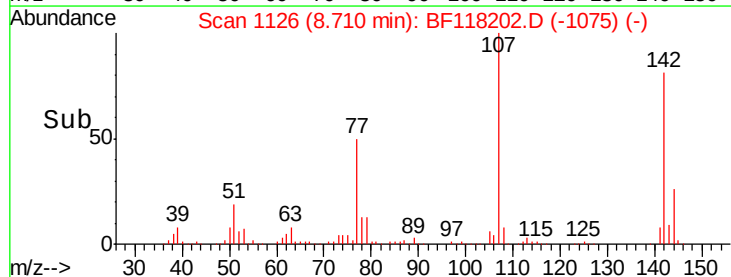


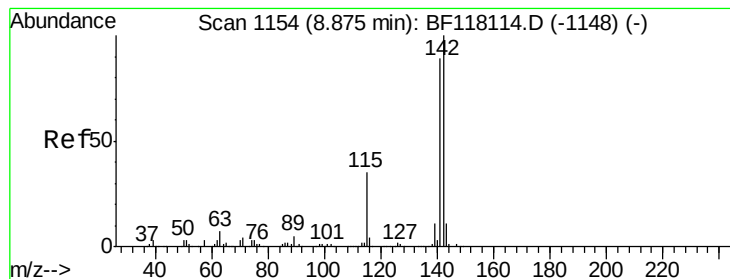
#36
 4-Chloro-3-methylphenol
 Concen: 42.197 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion:107 Resp: 243323
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.3 30.5
 142 80.9 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: 43.414 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

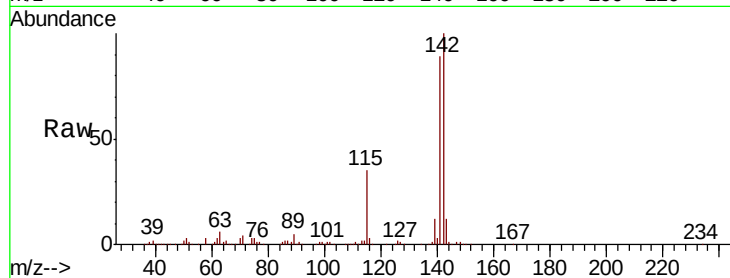
Tot Ion:142 Resp: 557240

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.0

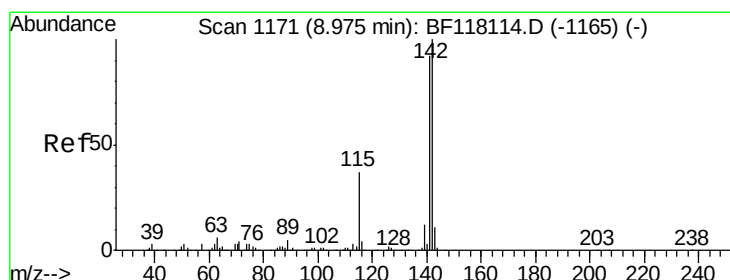
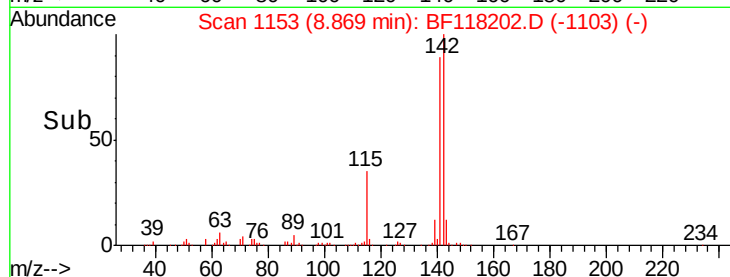
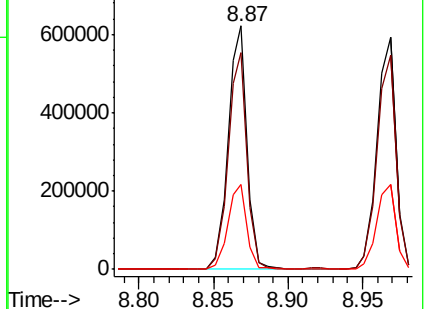
115 34.9 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.737 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

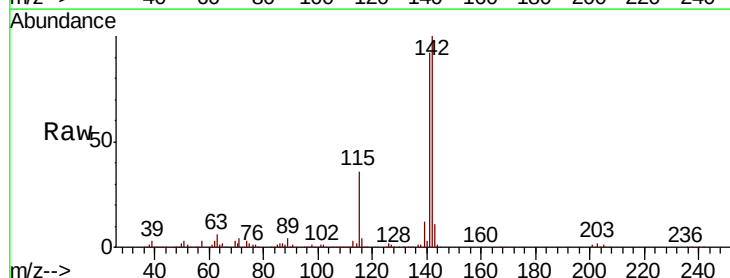
Tgt Ion:142 Resp: 515053

Ion Ratio Lower Upper

142 100

141 92.4 74.0 111.0

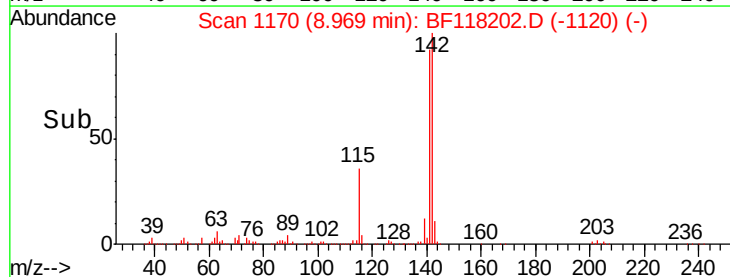
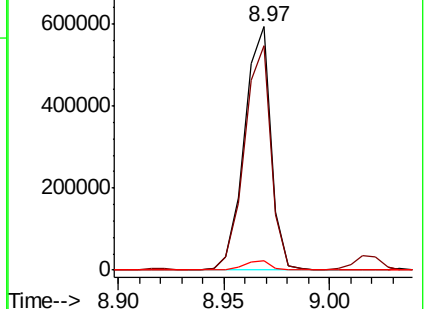
116 3.7 3.2 4.8

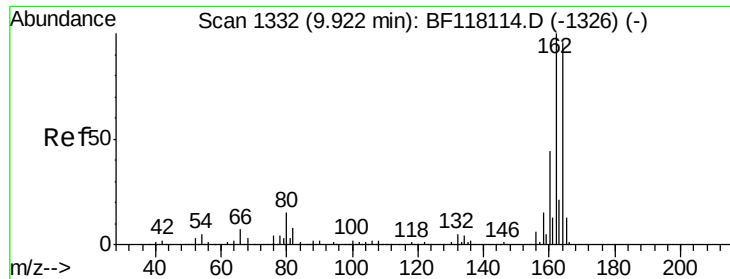


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

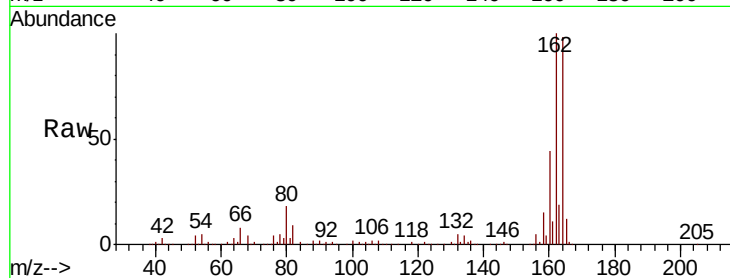




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.0
160	44.9	36.6	54.8

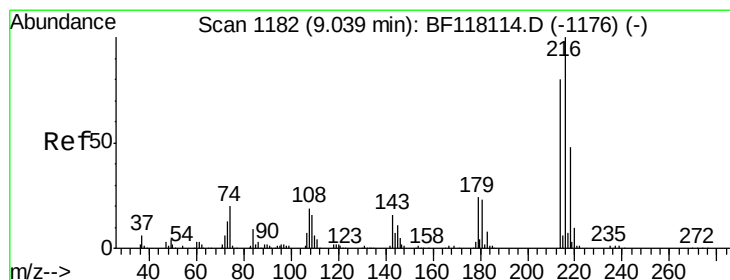
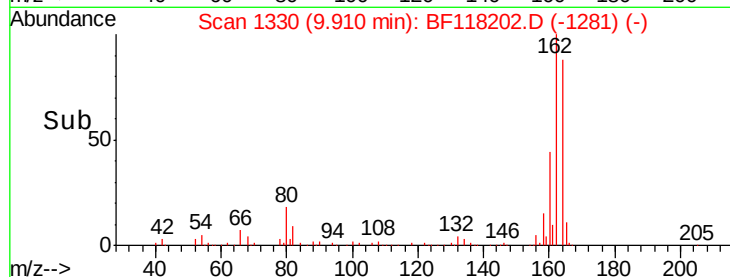
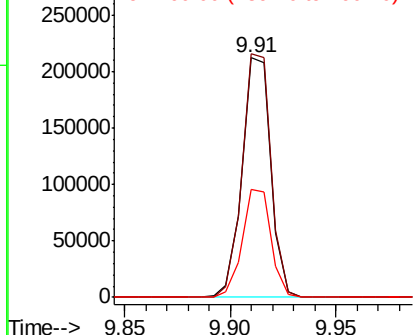


Abundance

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: 41.066 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	23.1	18.6	27.8
108	21.2	15.4	23.0

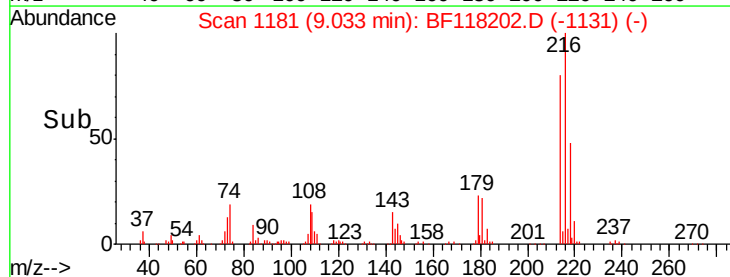
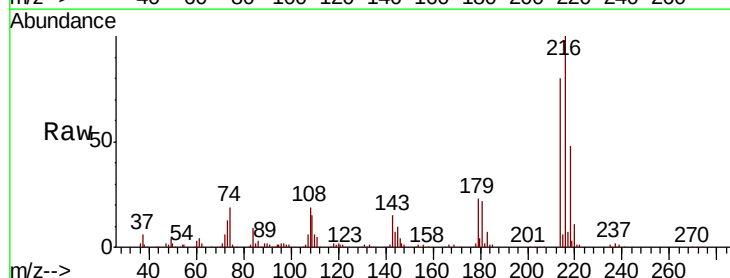
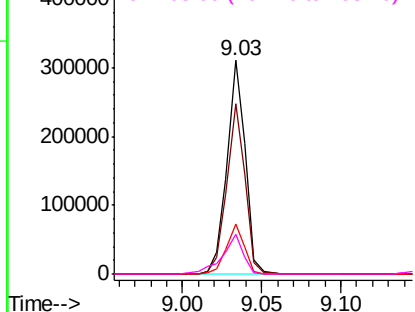
Abundance

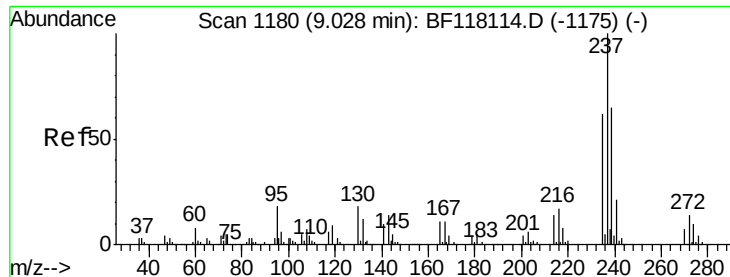
Ion 216.00 (215.70 to 216.70): E

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: 93.585 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118202.D

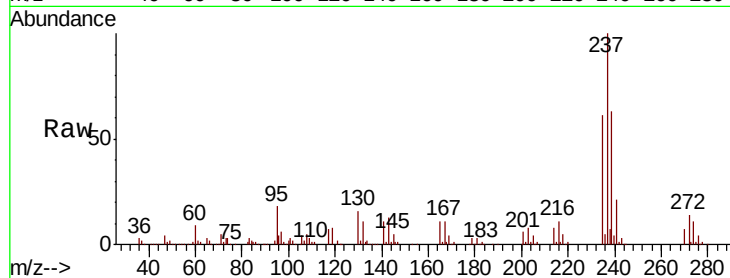
Acq: 16 Dec 2019 17:53

Instrument :

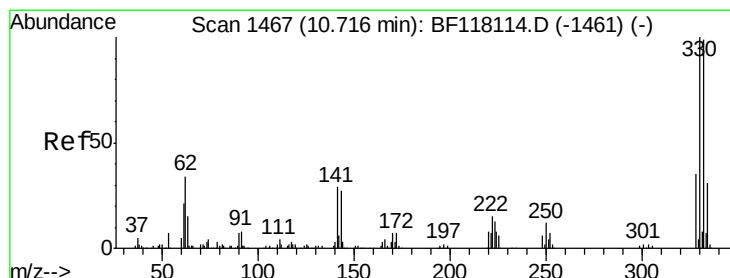
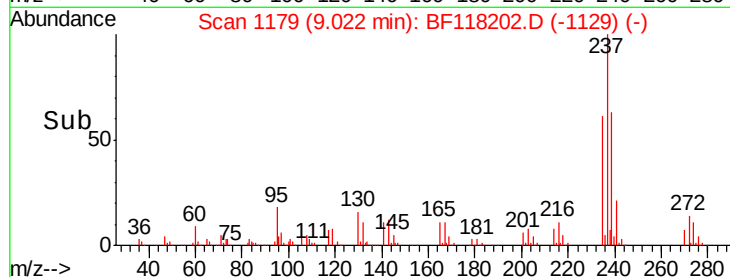
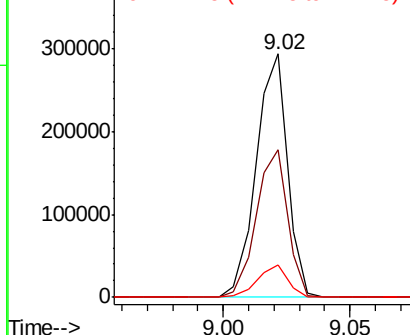
BNA_F

ClientSampleId :

Tot Ion:237	Resp:	253709
Ion Ratio	Lower	Upper
237	100	
235	60.8	41.5 81.5
272	13.6	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: 130.246 ng

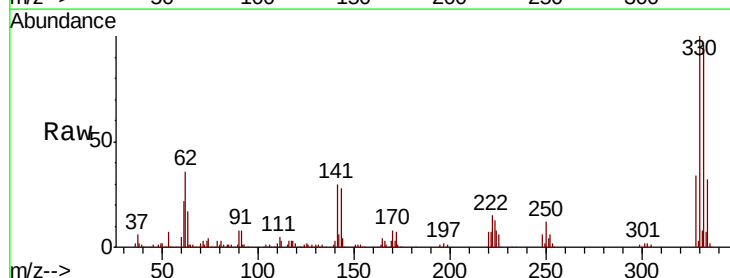
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

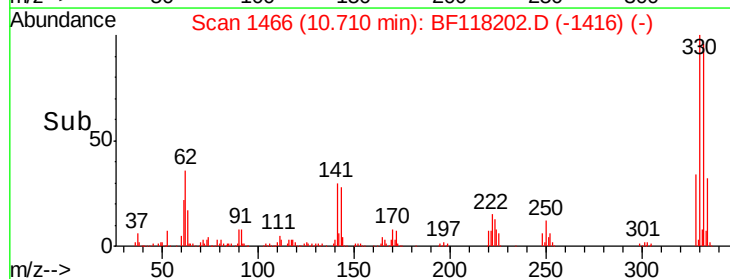
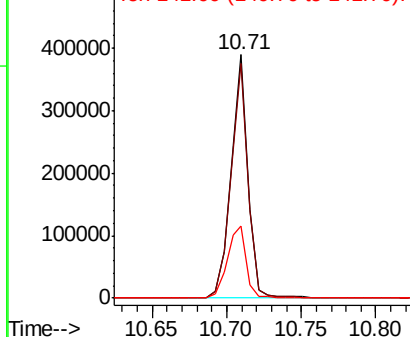
Lab File: BF118202.D

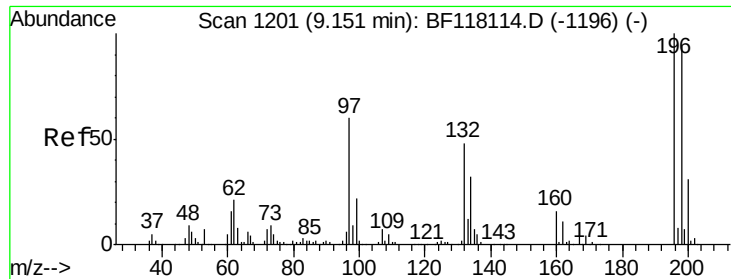
Acq: 16 Dec 2019 17:53

Tgt Ion:330	Resp:	316032
Ion Ratio	Lower	Upper
330	100	
332	97.9	78.1 117.1
141	33.3	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

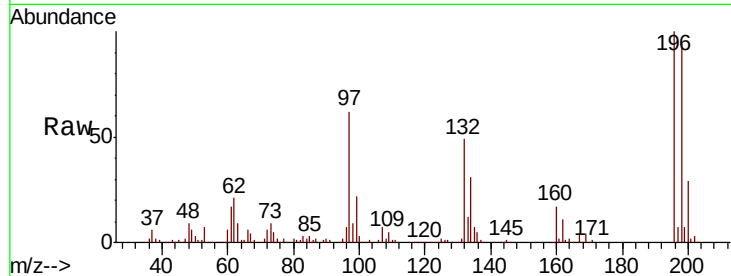




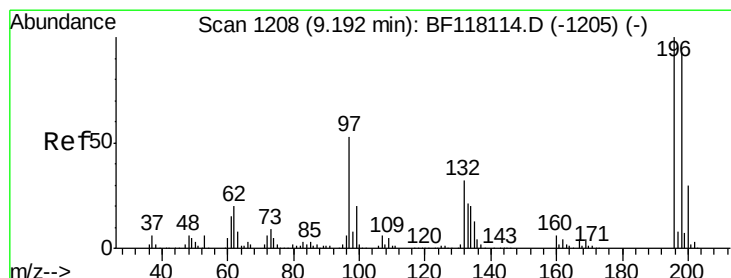
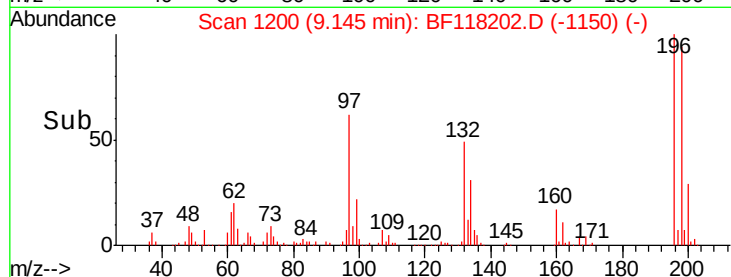
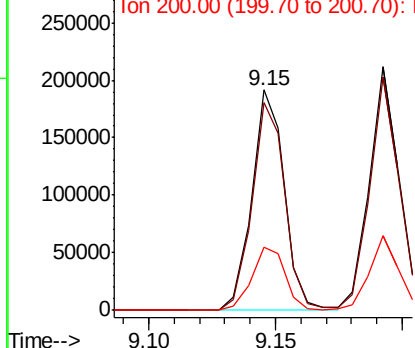
#43
 2,4,6-Trichlorophenol
 Concen: 42.417 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 171363
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.0 112.4
 200 28.9 24.5 36.7



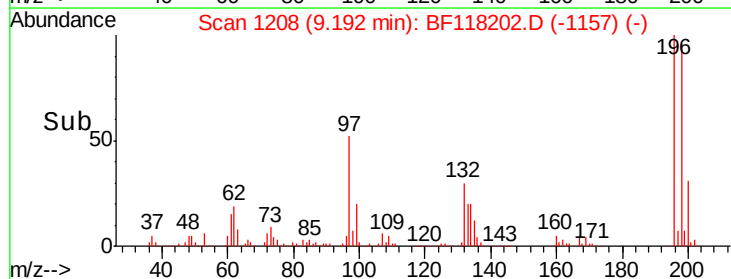
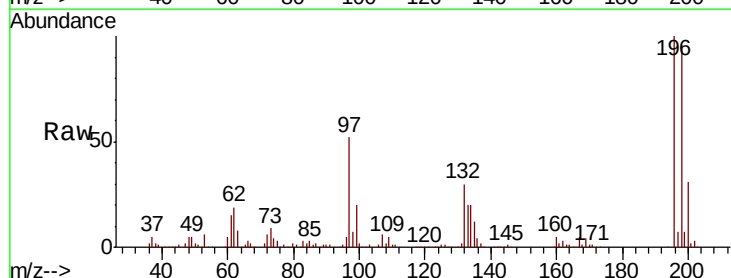
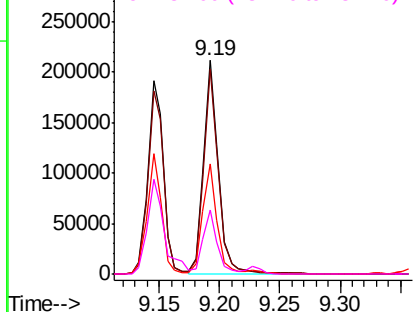
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

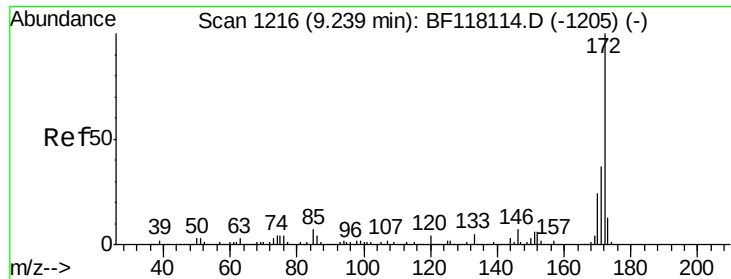


#44
 2,4,5-Trichlorophenol
 Concen: 43.295 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion:196 Resp: 181211
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 97 51.5 42.5 63.7
 132 29.8 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

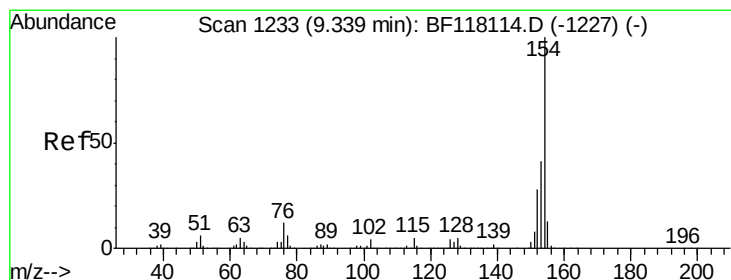
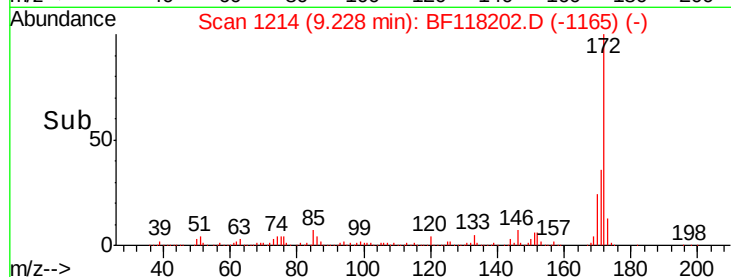
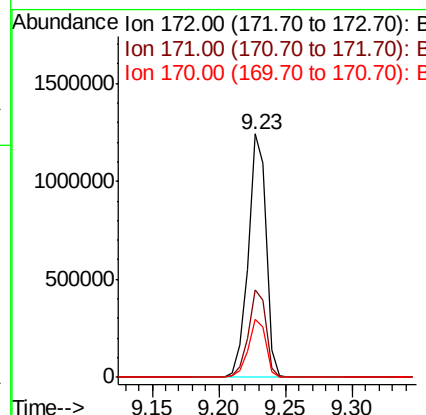
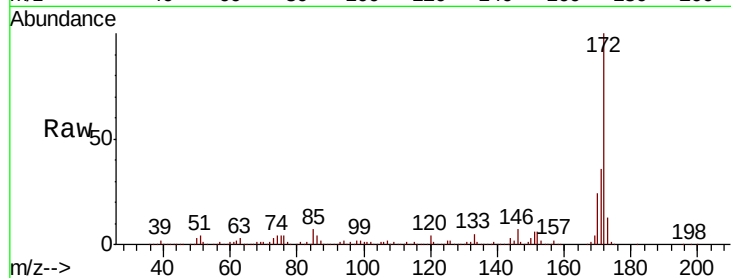




#45
2-Fluorobiphenyl
Concen: 86.803 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

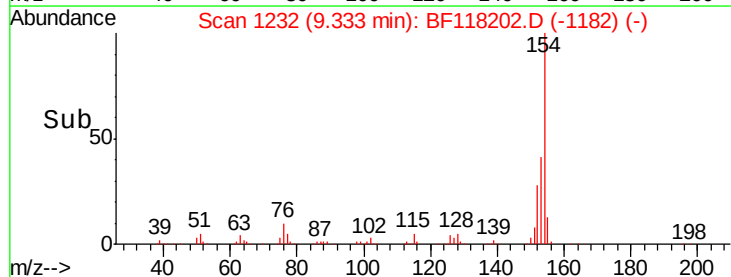
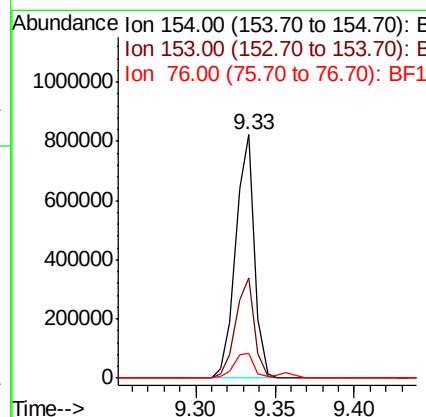
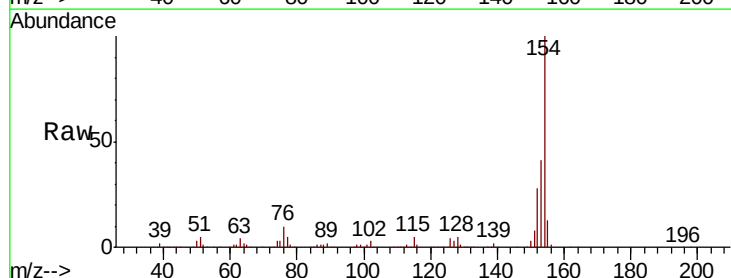
Instrument :
BNA_F
ClientSampleId :

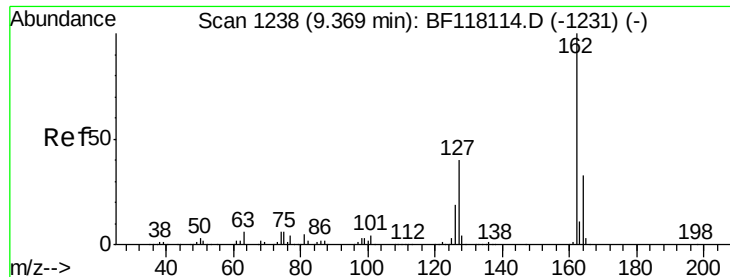
Tot Ion:172 Resp: 1139395
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 42.821 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:154 Resp: 674553
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 10.0 0.0 31.9

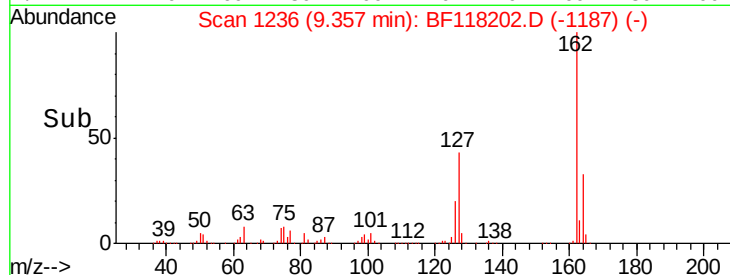
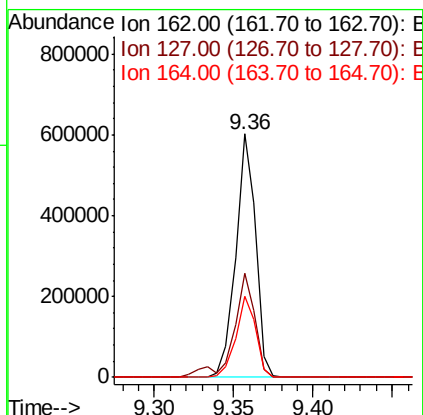
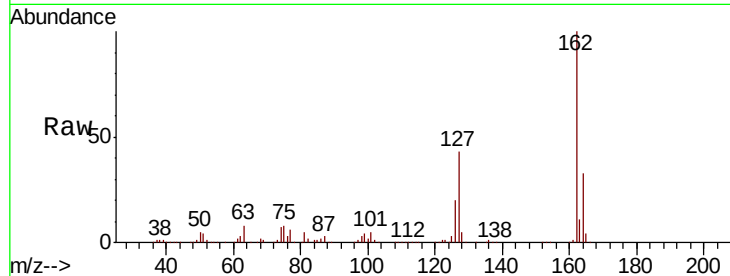




#47
 2-Chloronaphthalene
 Concen: 41.235 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

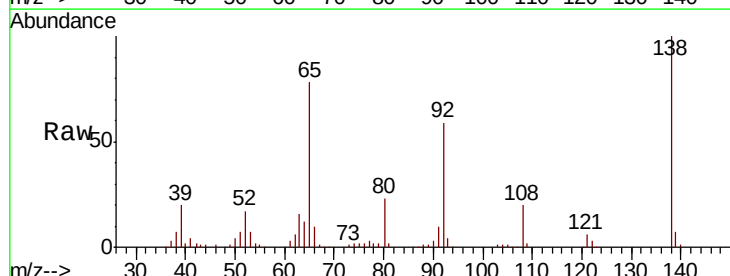
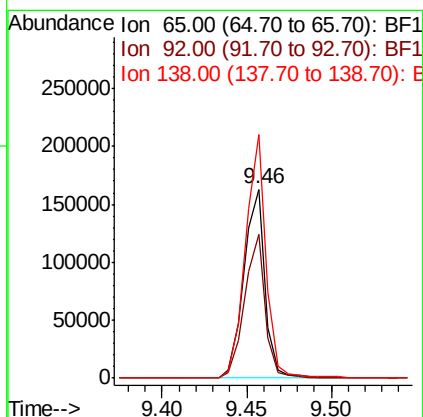
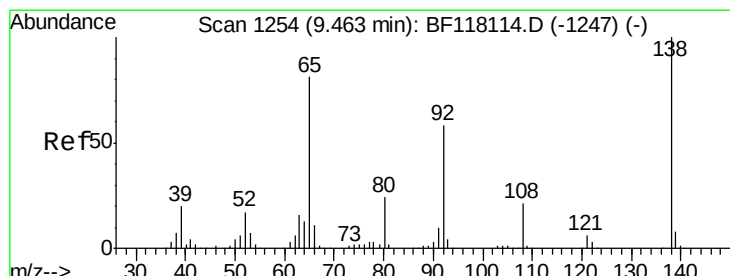
Instrument :
 BNA_F
 ClientSampleId :

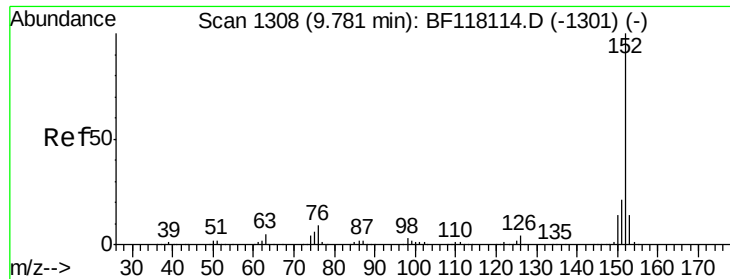
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.0	48.0
164	33.0	26.1	39.1



#48
 2-Nitroaniline
 Concen: 39.671 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	57.8	86.6
138	128.7	98.8	148.2





#49

Acenaphthylene

Concen: 44.722 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampled :

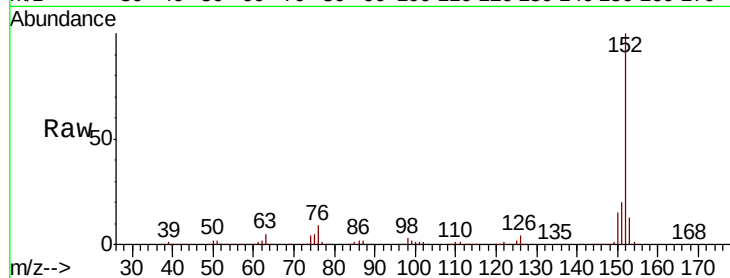
Tot Ion:152 Resp: 835850

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

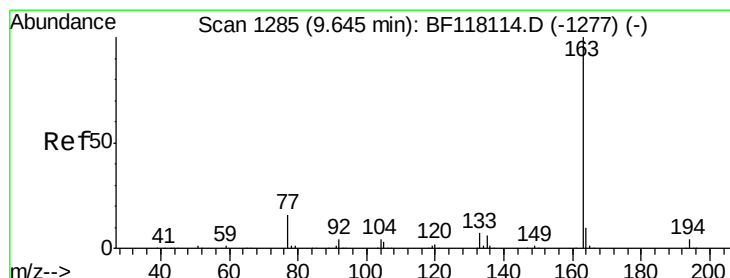
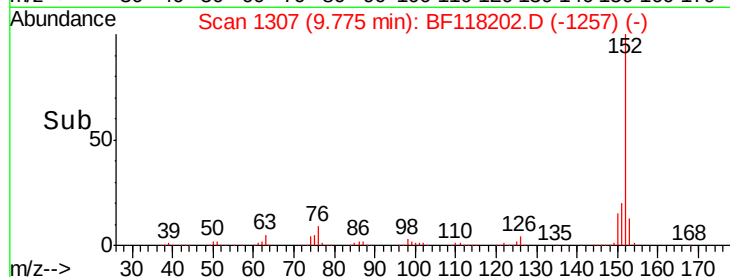
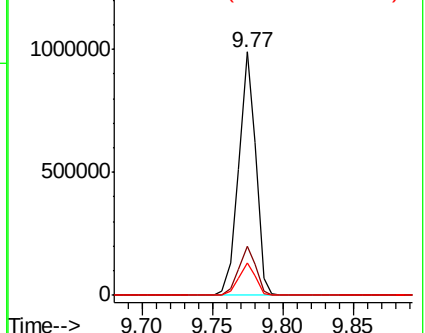
153 13.2 10.8 16.2



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: 45.183 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

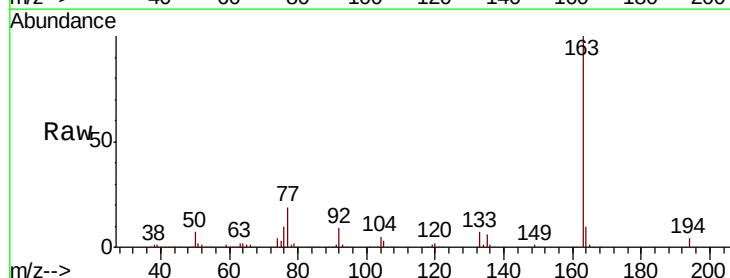
Tgt Ion:163 Resp: 666597

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

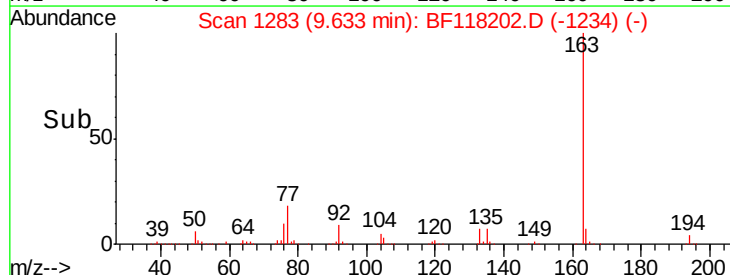
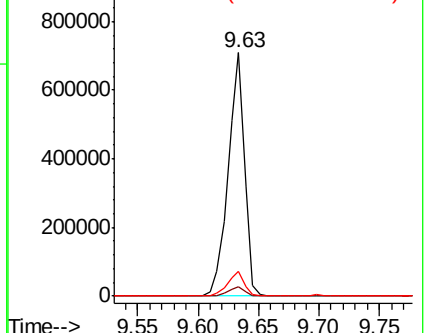
164 10.2 7.7 11.5

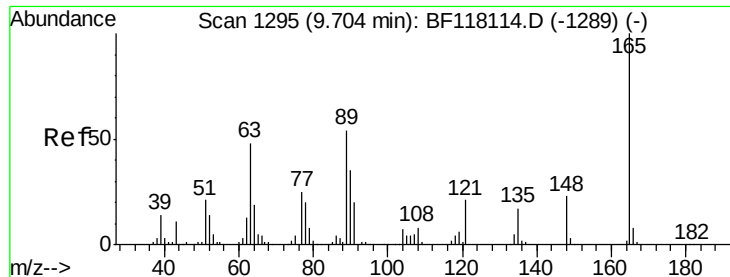


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.916 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampled :

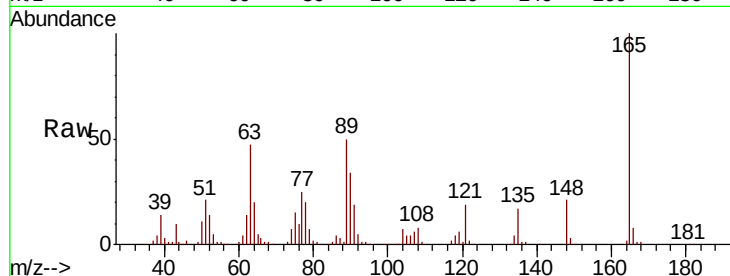
Tot Ion:165 Resp: 137676

Ion Ratio Lower Upper

165 100

63 47.3 41.4 62.0

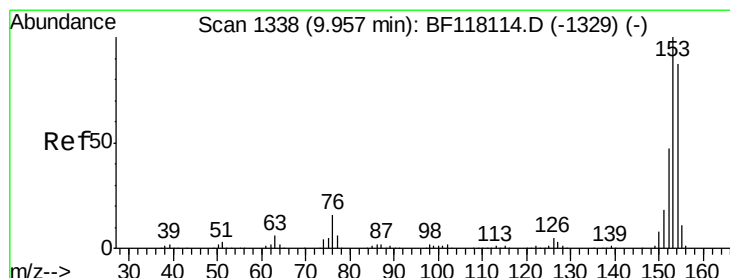
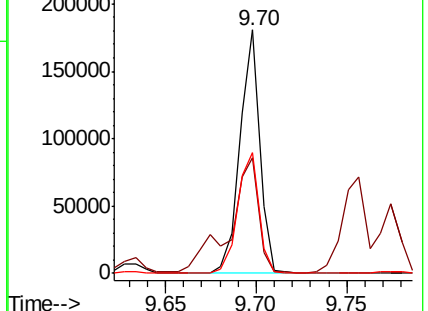
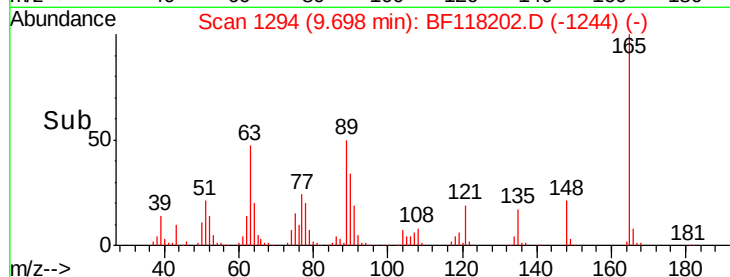
89 49.8 42.9 64.3



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: 42.198 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

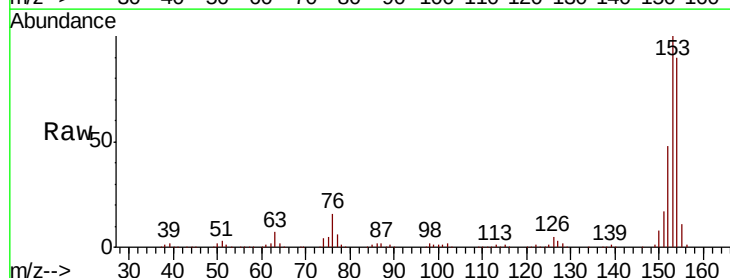
Tgt Ion:154 Resp: 481384

Ion Ratio Lower Upper

154 100

153 111.3 91.8 137.6

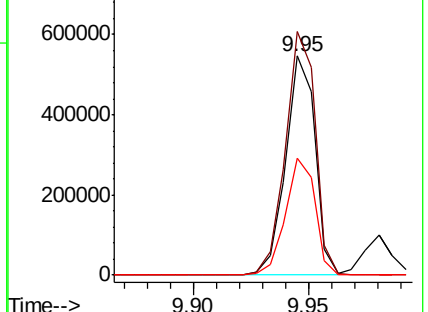
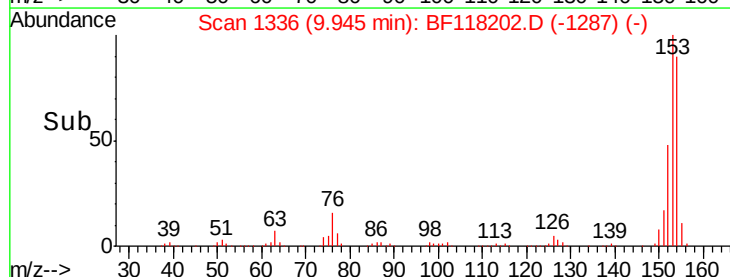
152 53.4 43.3 64.9

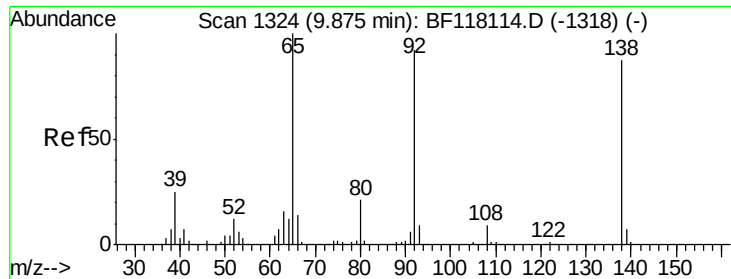


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

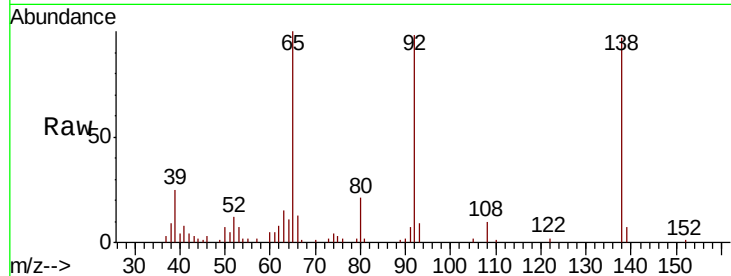




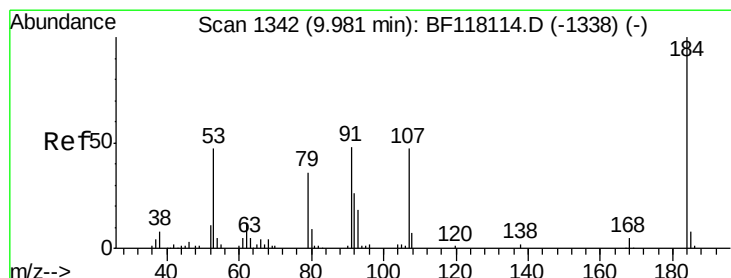
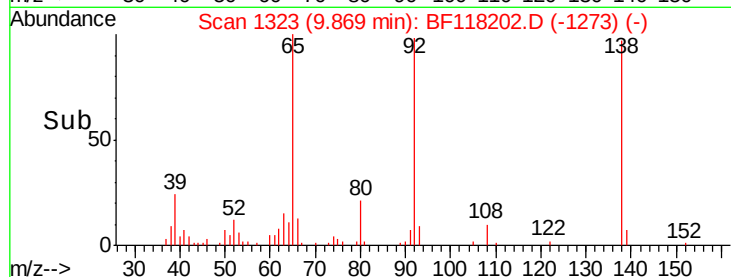
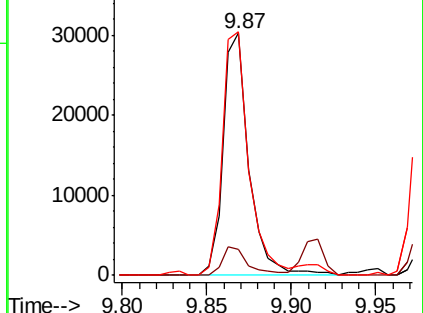
#53
3-Nitroaniline
Concen: 8.547 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 32266
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 100.5 84.9 127.3

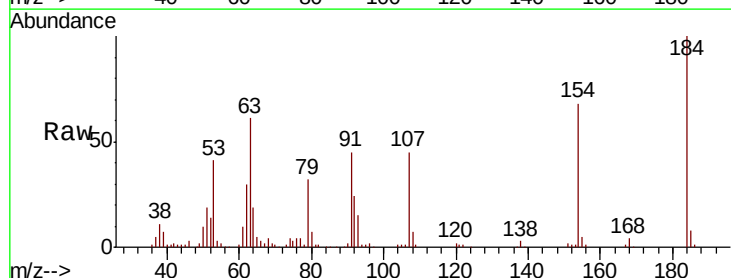


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

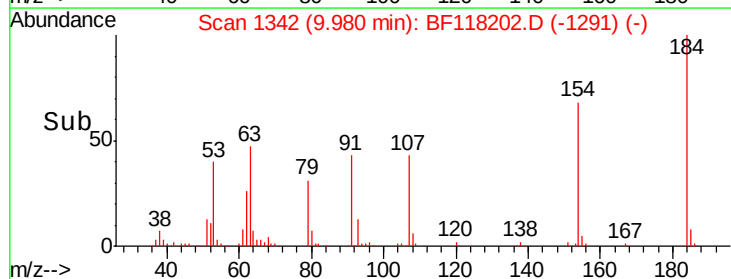
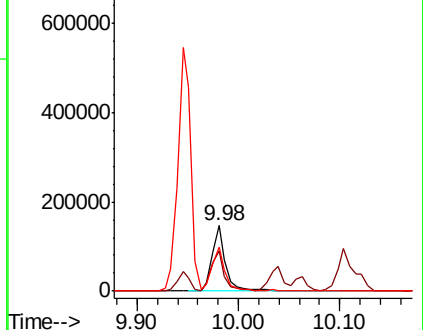


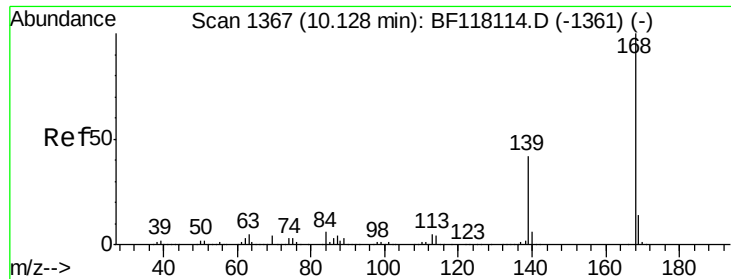
#54
2,4-Dinitrophenol
Concen: 84.649 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:184 Resp: 135102
Ion Ratio Lower Upper
184 100
63 60.8 53.9 80.9
154 67.6 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

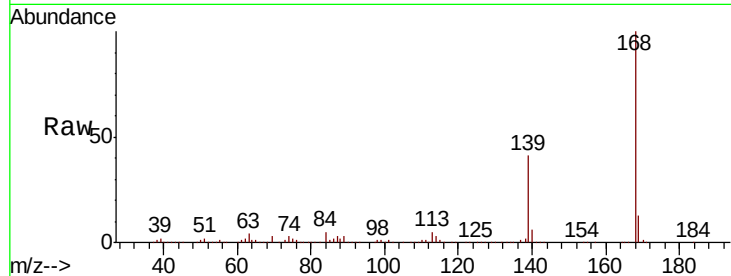




#55
Dibenzenofuran
Concen: 43.804 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.4	50.0
169	13.3	11.0	16.6

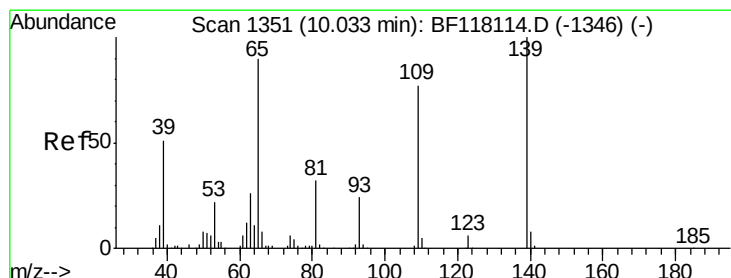
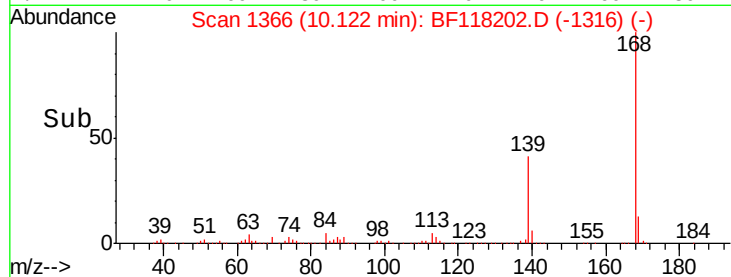
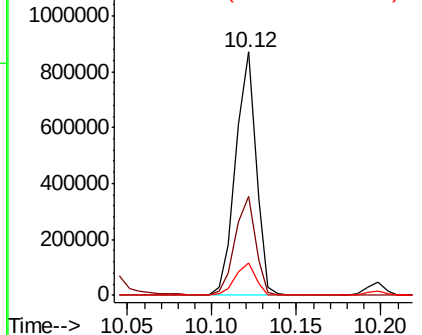


Abundance

Ion 168.00 (167.70 to 168.70): E

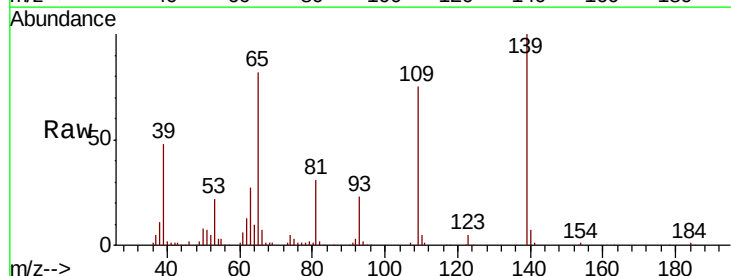
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.832 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.7	57.3	97.3
65	82.4	70.2	110.2

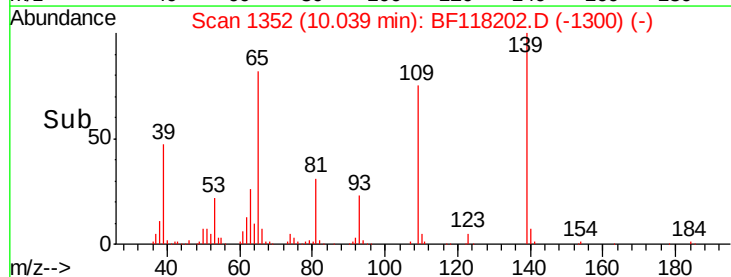
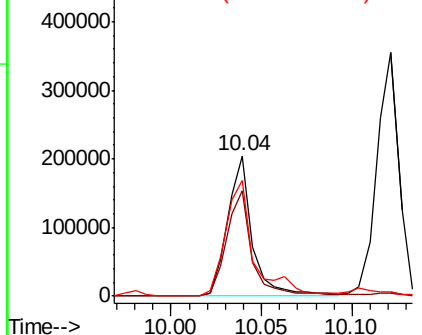


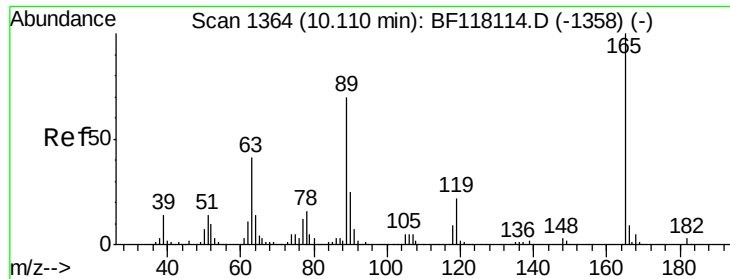
Abundance

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

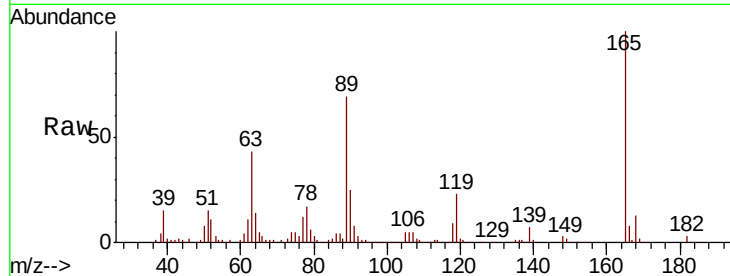




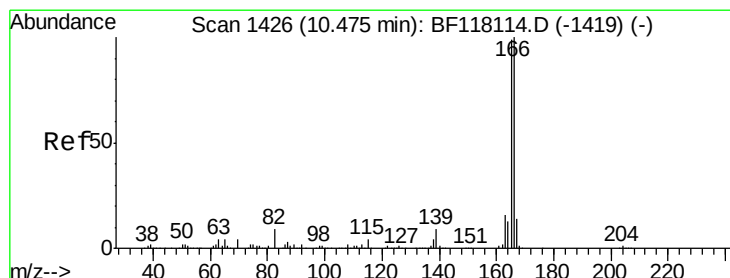
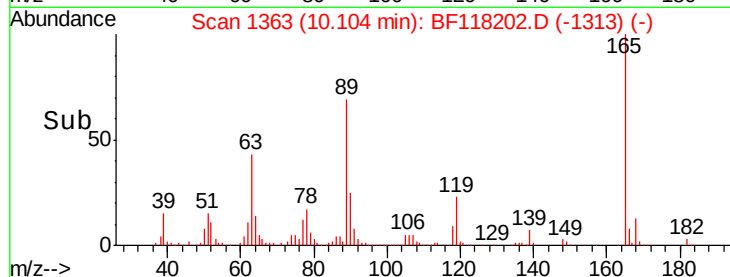
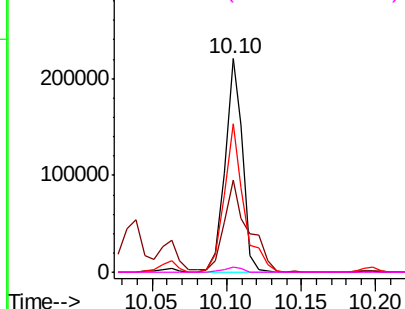
#57
2,4-Dinitrotoluene
Concen: 42.856 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	32.6	49.0
89	69.3	56.1	84.1
182	2.7	2.1	3.1

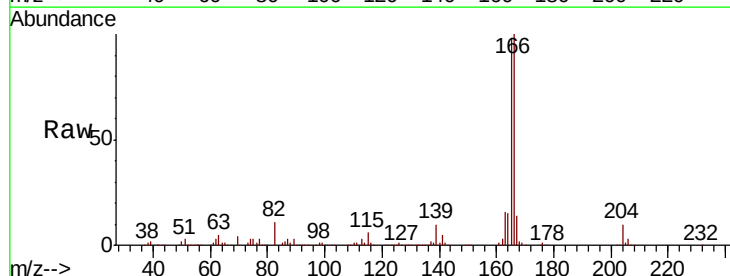


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

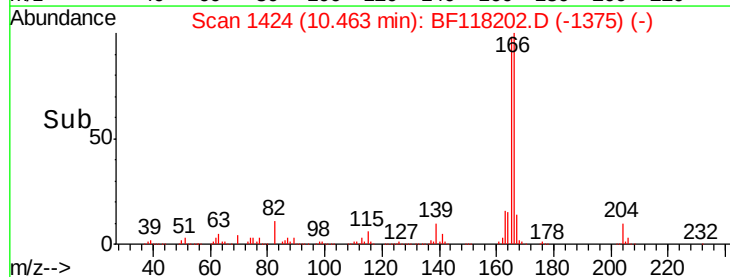
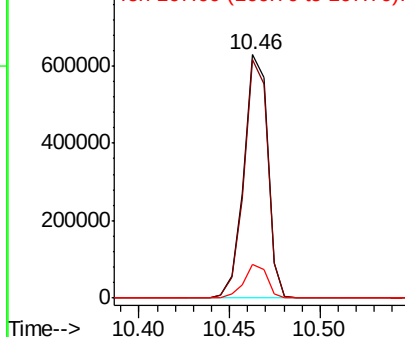


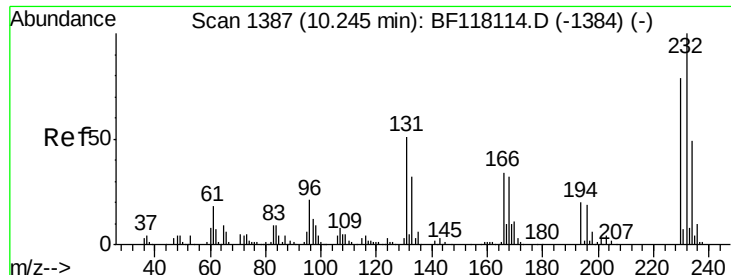
#58
Fluorene
Concen: 43.403 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.6	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

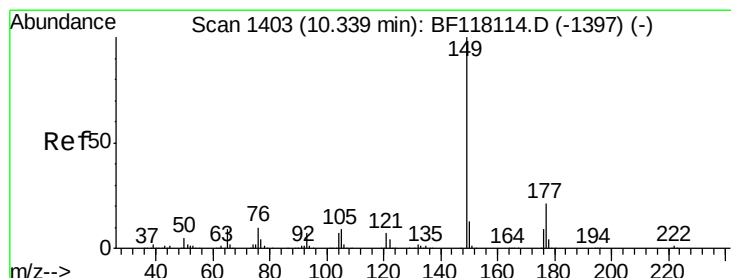
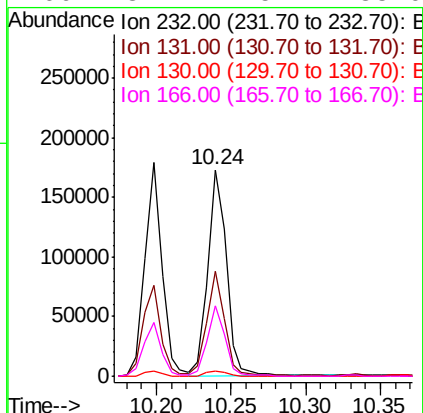
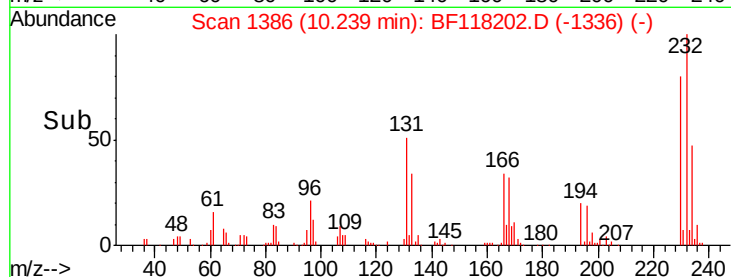
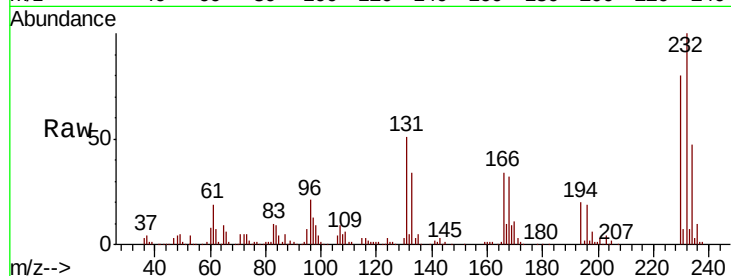




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.455 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

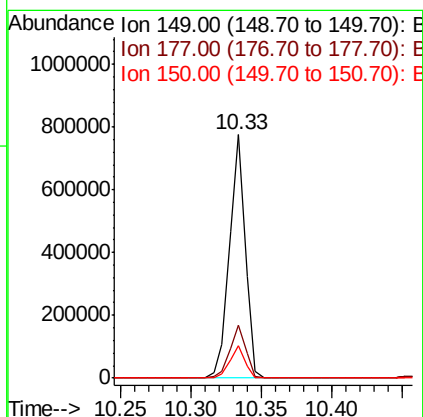
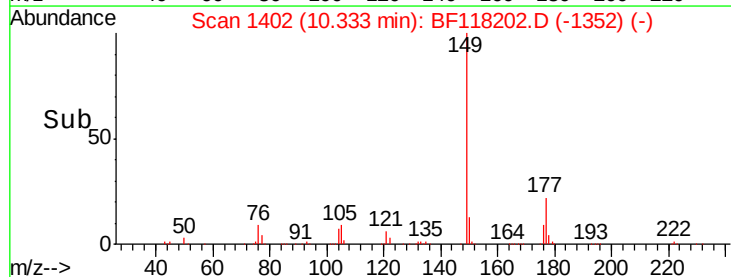
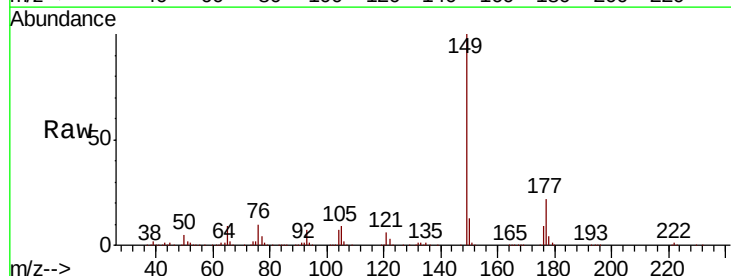
Instrument :
 BNA_F
 ClientSampleId :

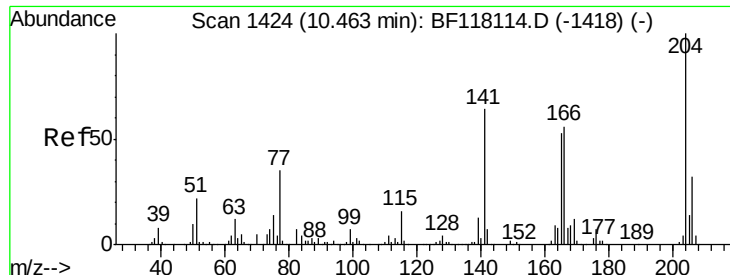
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.8	58.2
130	2.7	1.9	2.9
166	32.2	25.4	38.0



#60
 Diethylphthalate
 Concen: 41.820 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.4
150	13.2	10.1	15.1

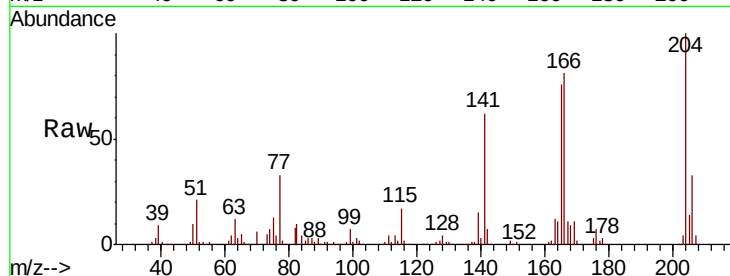




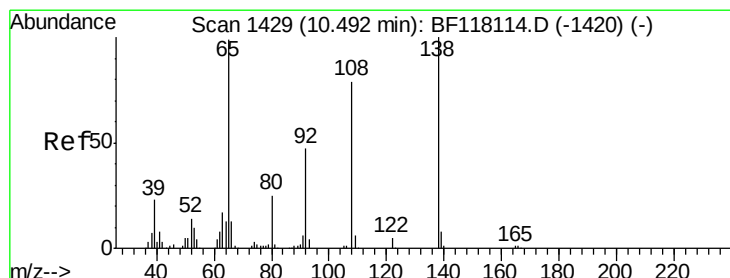
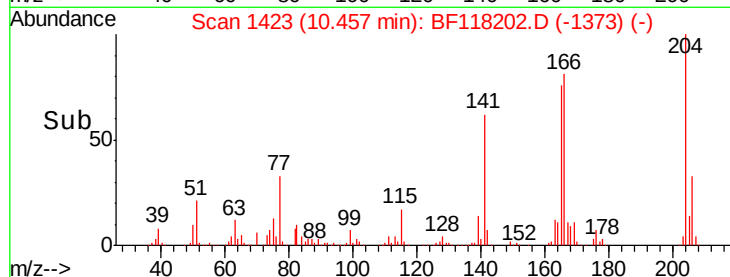
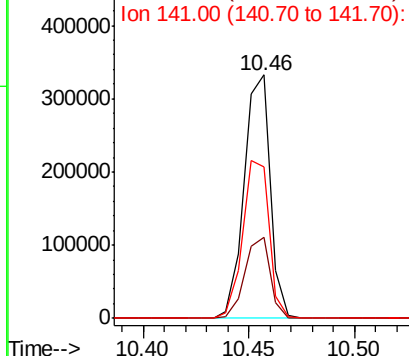
#61
4-Chlorophenyl-phenylether
Concen: 42.597 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 284711
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 62.0 51.0 76.6

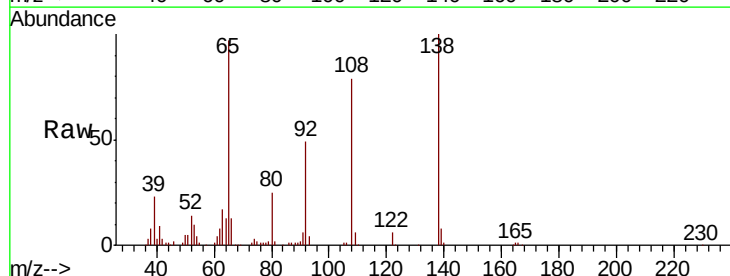


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

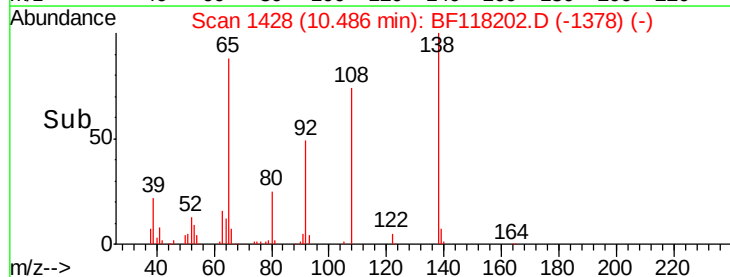
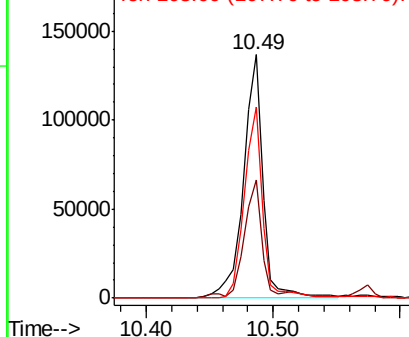


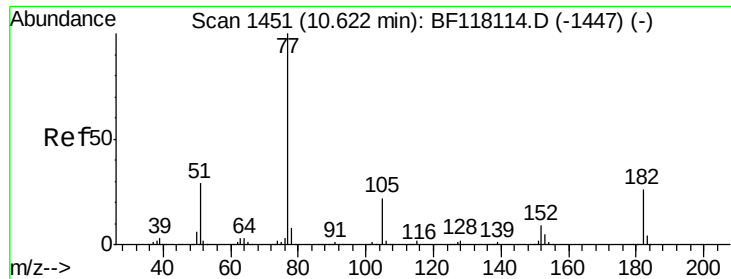
#62
4-Nitroaniline
Concen: 36.891 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:138 Resp: 145259
Ion Ratio Lower Upper
138 100
92 48.7 27.1 67.1
108 78.6 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

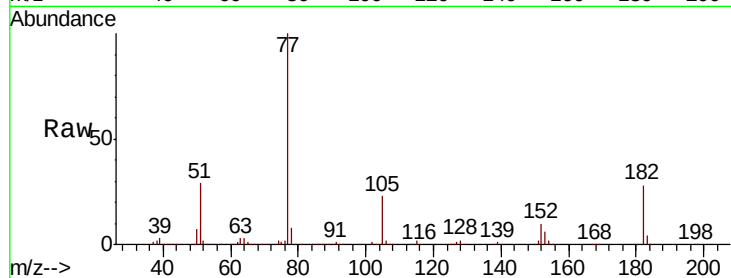




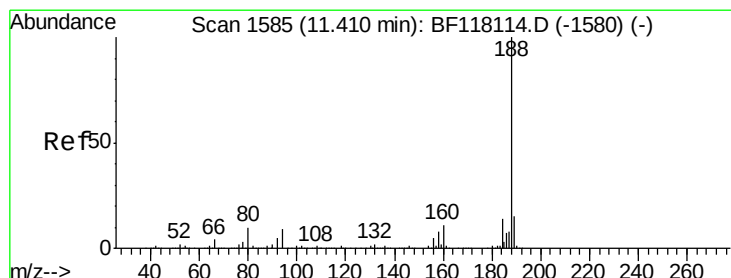
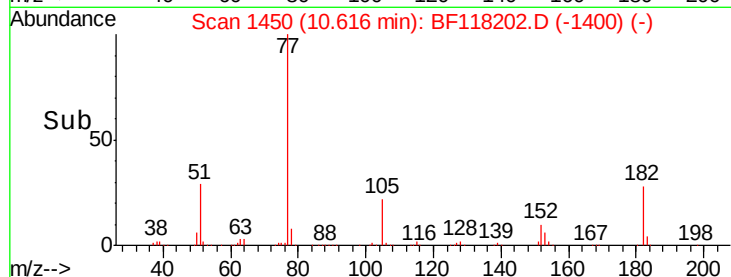
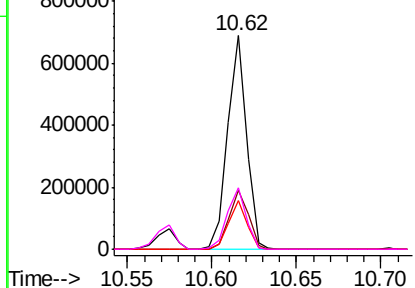
#63
Azobenzene
Concen: 43.075 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	5.7	45.7
105	23.1	2.2	42.2
51	28.9	9.6	49.6

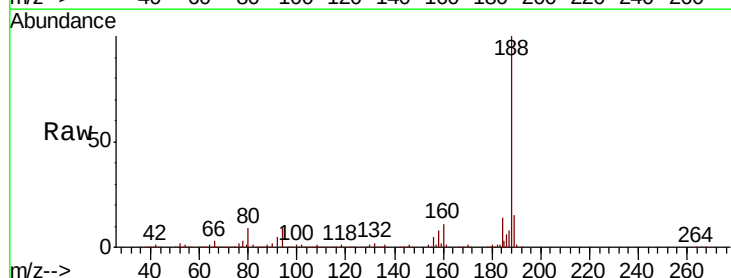


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

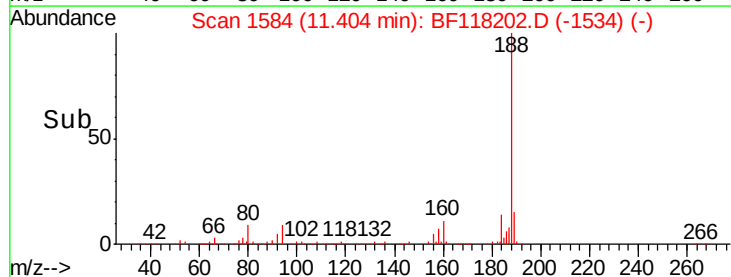
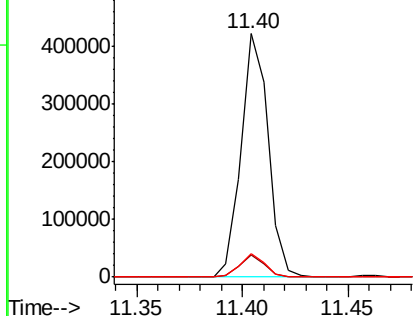


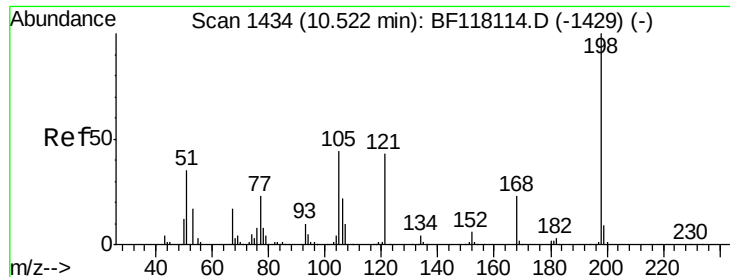
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.4	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

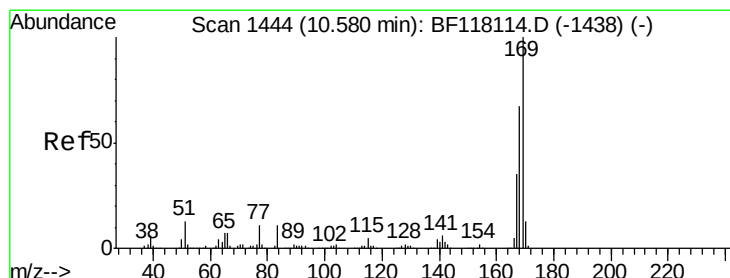
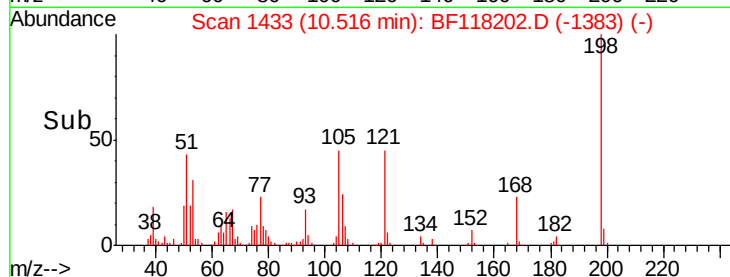
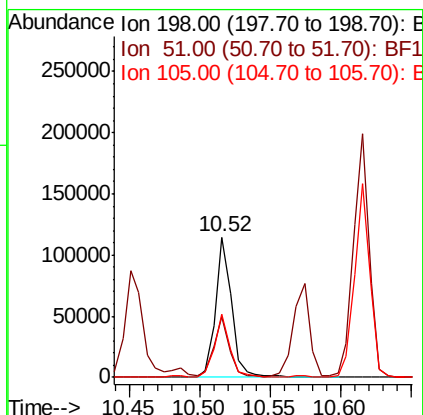
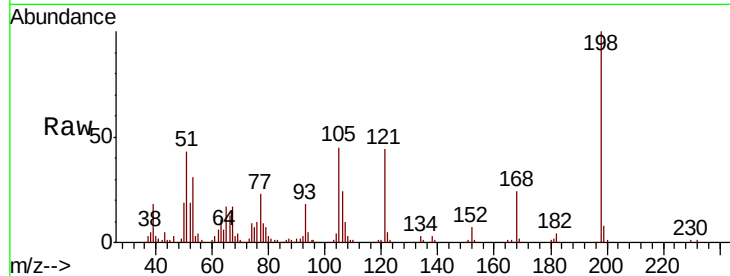




#65
4,6-Dinitro-2-methylphenol
Concen: 43.941 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

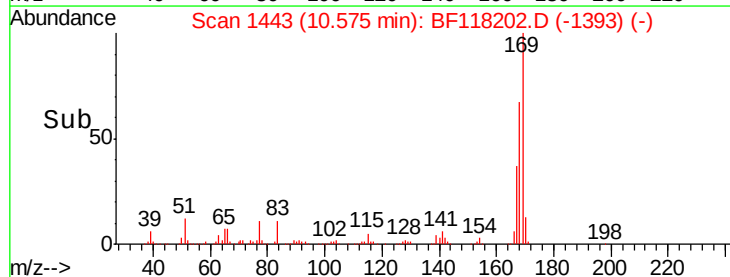
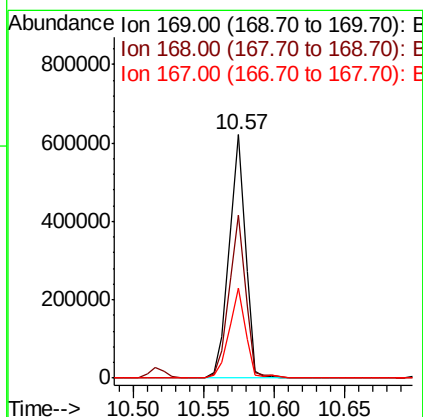
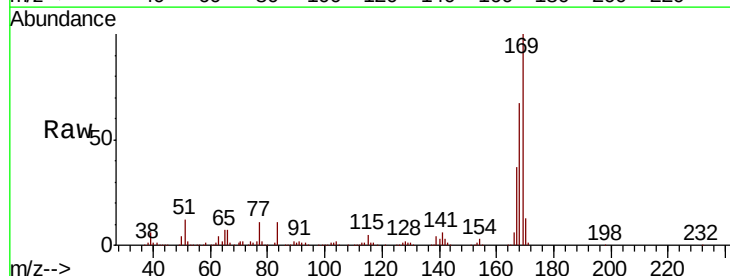
Instrument :
BNA_F
ClientSampleId :

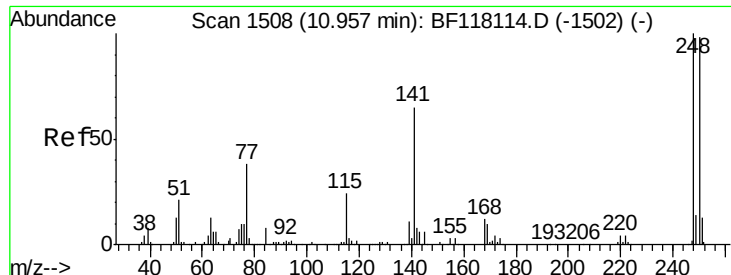
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.1	22.0	62.0
105	45.0	25.6	65.6



#66
n-Nitrosodiphenylamine
Concen: 43.061 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.4	80.2
167	37.0	28.4	42.6

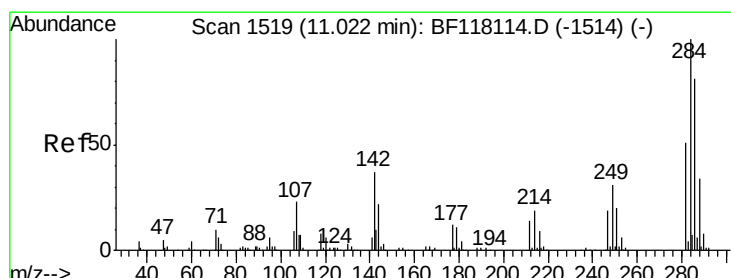
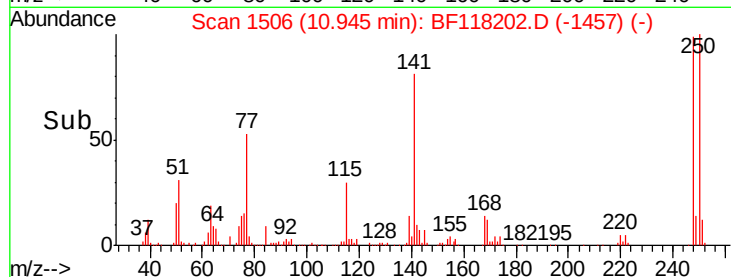
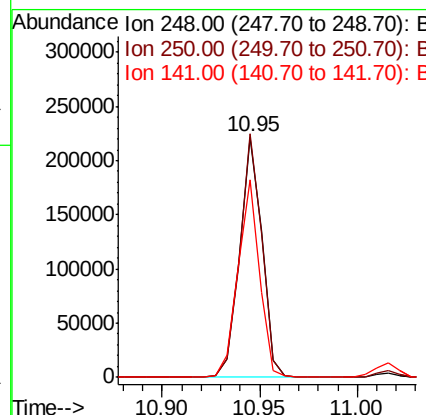
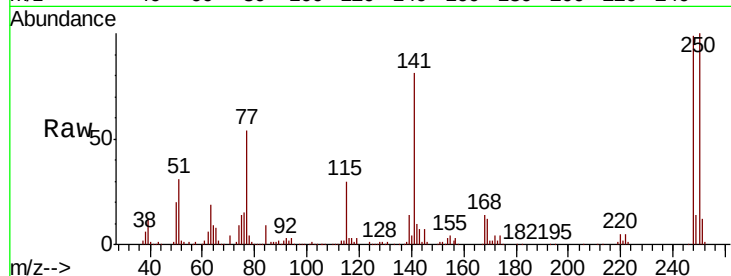




#67
 4-Bromophenyl-phenylether
 Concen: 41.154 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

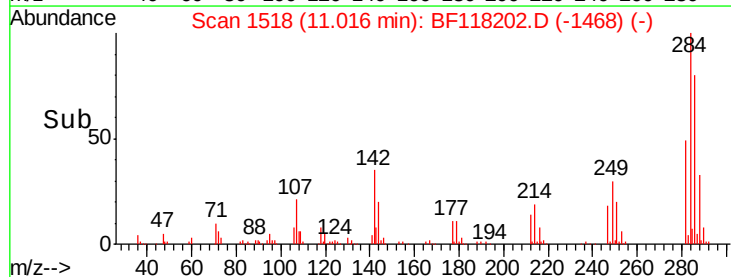
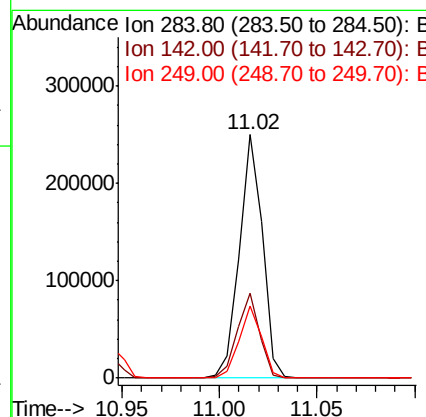
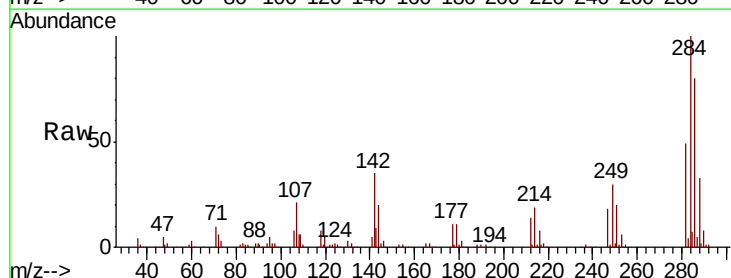
Instrument :
 BNA_F
 ClientSampleId :

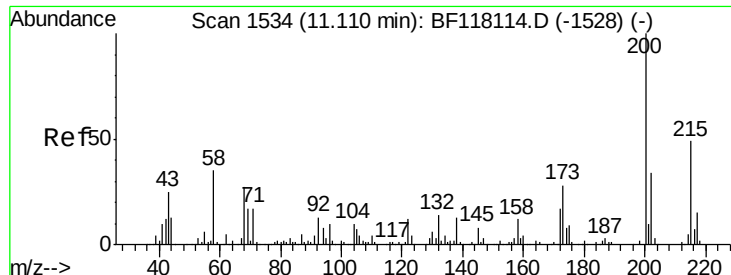
Tot Ion:248 Resp: 176177
 Ion Ratio Lower Upper
 248 100
 250 101.5 78.3 117.5
 141 82.4 52.2 78.4#



#68
 Hexachlorobenzene
 Concen: 40.737 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion:284 Resp: 205263
 Ion Ratio Lower Upper
 284 100
 142 34.8 29.7 44.5
 249 29.8 24.6 37.0

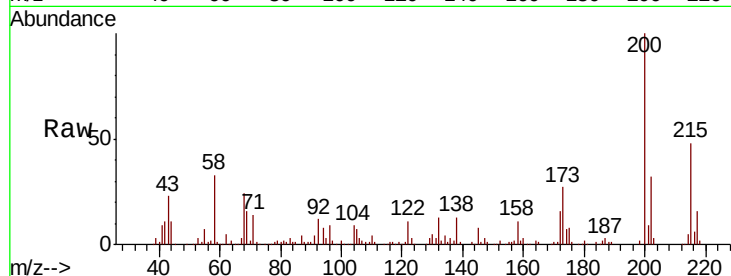




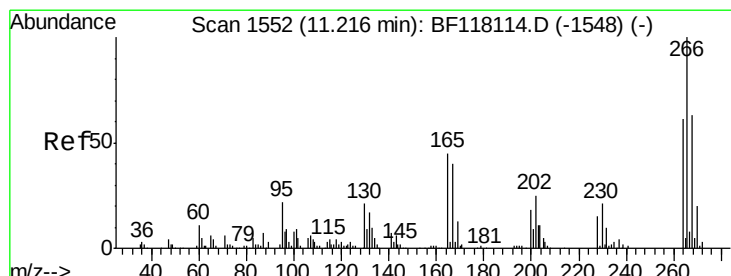
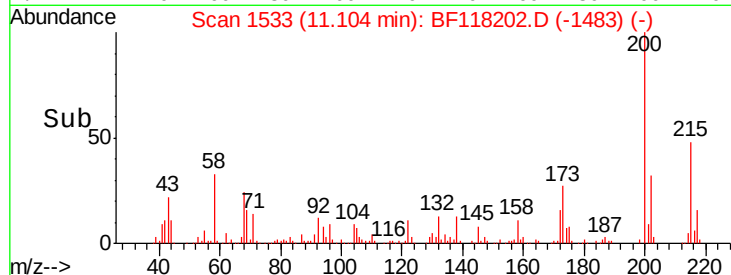
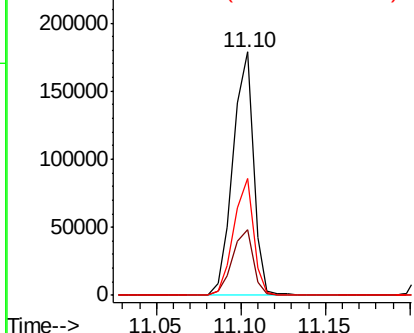
#69
Atrazine
Concen: 50.851 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.1	48.1
215	48.3	29.0	69.0

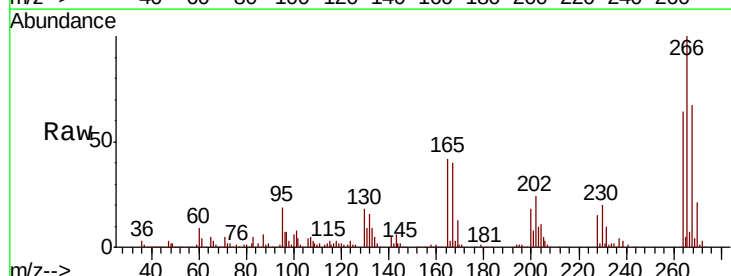


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

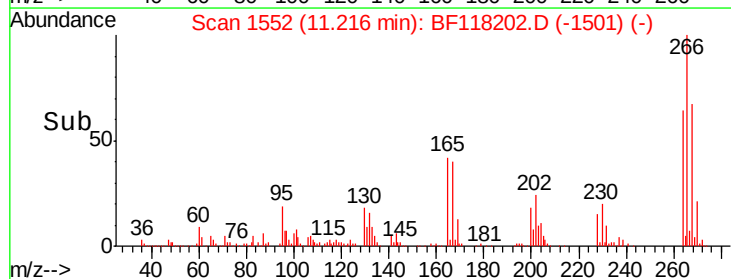
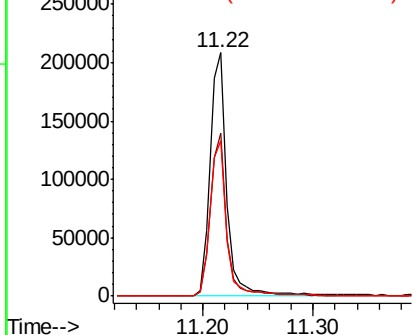


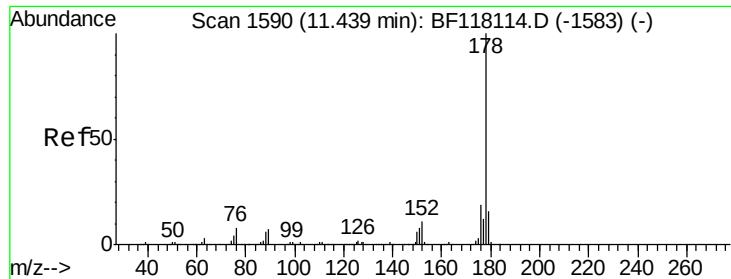
#70
Pentachlorophenol
Concen: 90.801 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.7	76.1
264	63.8	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

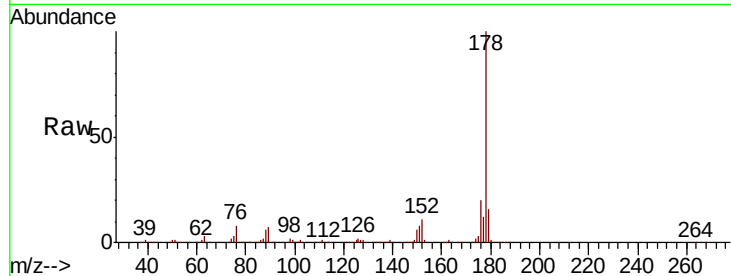




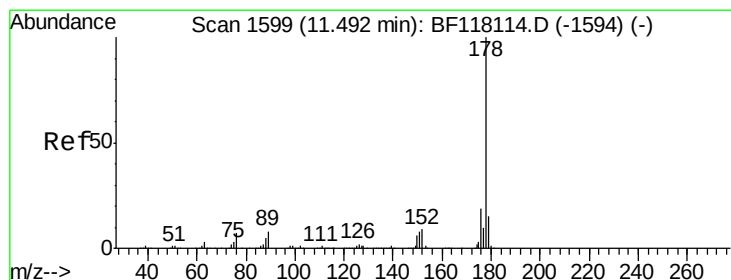
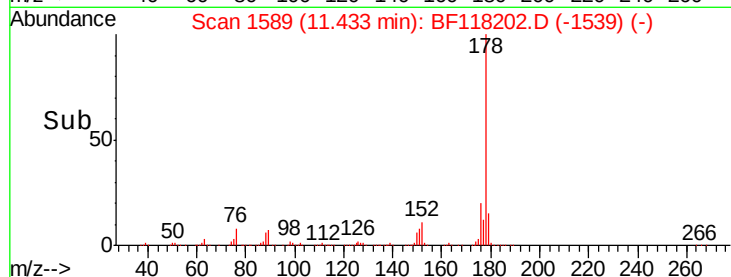
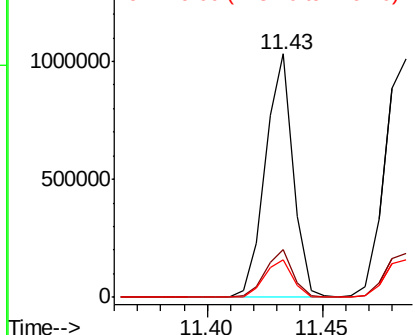
#71
Phenanthrene
Concen: 43.225 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 861730
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.5 12.6 18.8

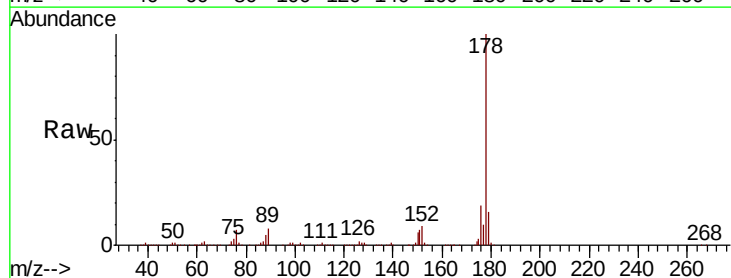


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

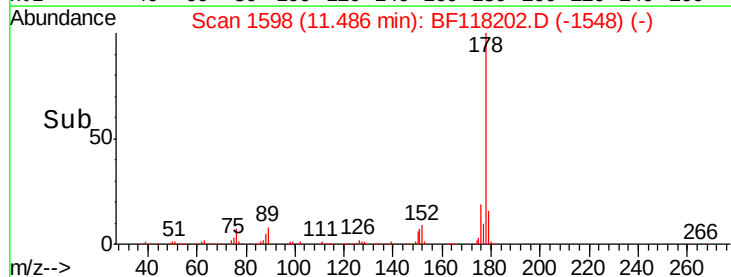
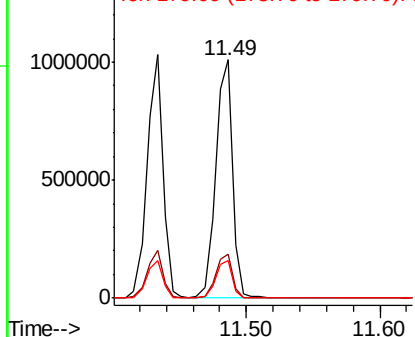


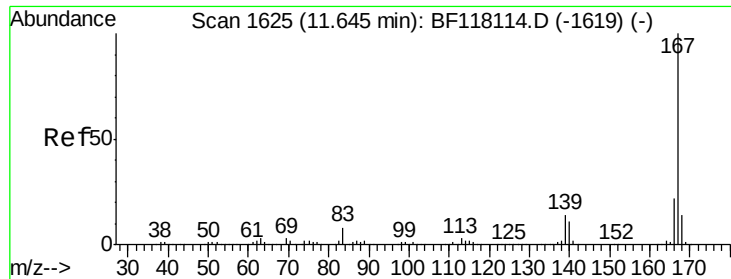
#72
Anthracene
Concen: 45.166 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:178 Resp: 898242
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.7 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

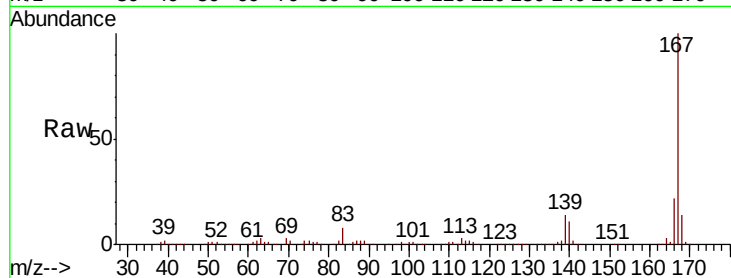




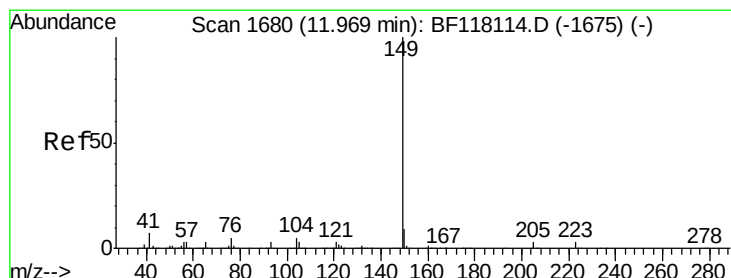
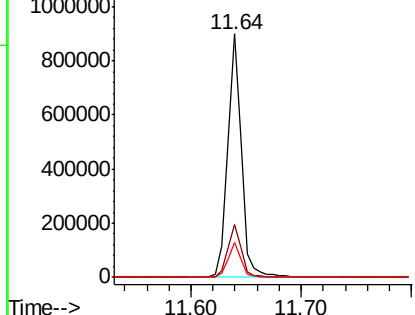
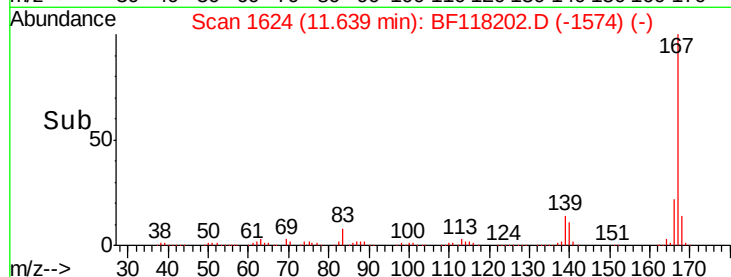
#73
 Carbazole
 Concen: 44.140 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	14.4	11.4	17.0

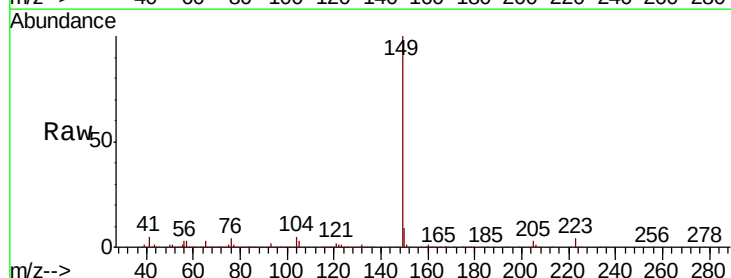


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

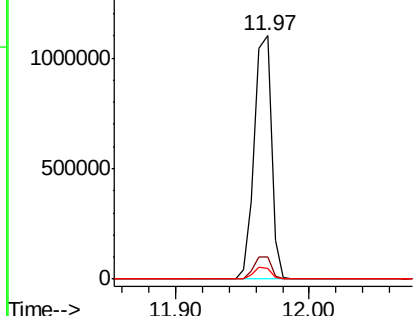
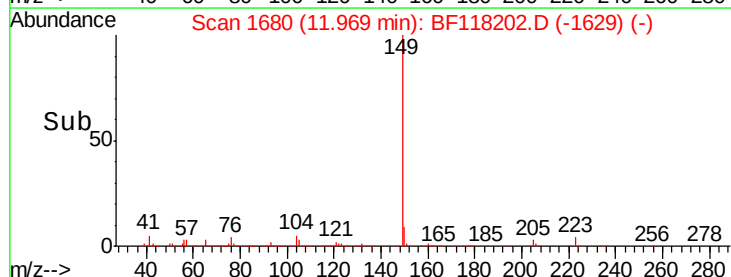


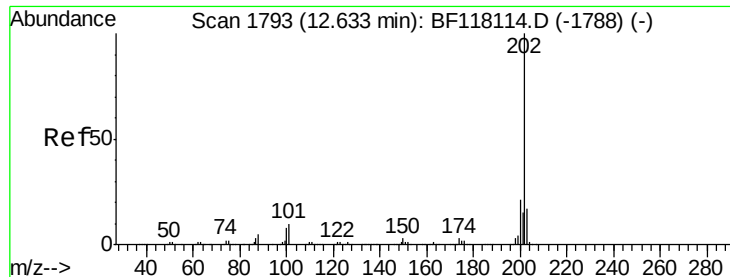
#74
 Di-n-butylphthalate
 Concen: 43.343 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118202.D
 Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	4.6	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: 44.213 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

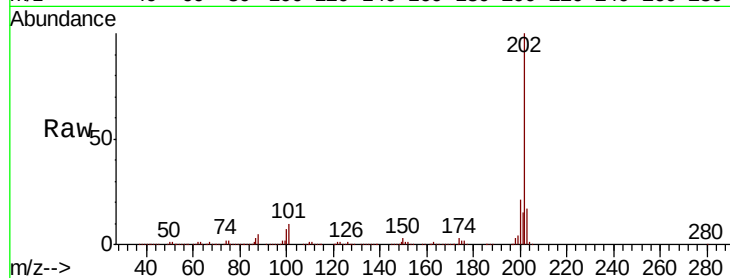
Tot Ion:202 Resp: 901166

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.4

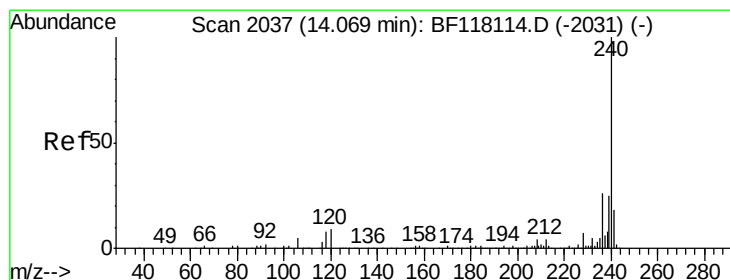
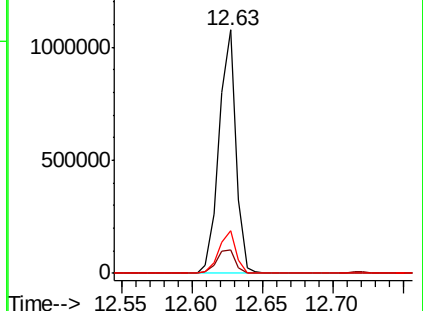
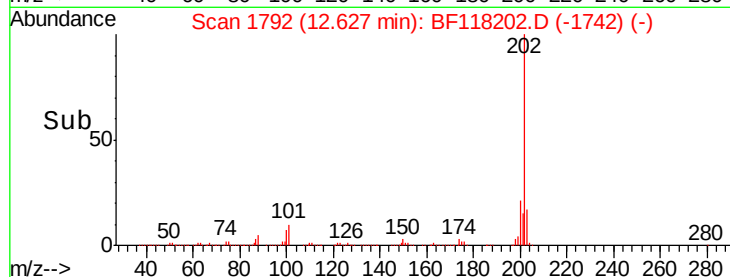
203 17.4 0.0 37.2



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: BF118202.D

Acq: 16 Dec 2019 17:53

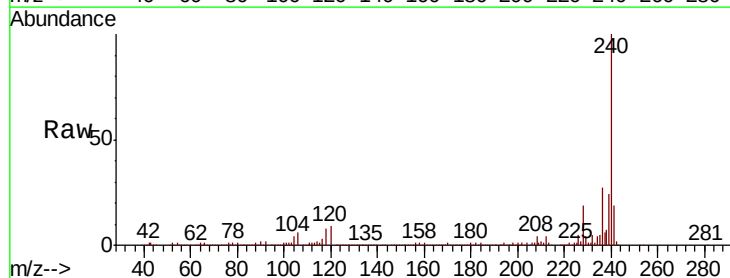
Tgt Ion:240 Resp: 274064

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

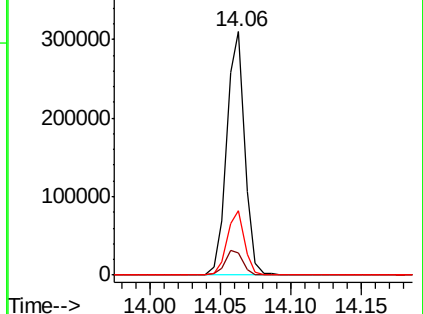
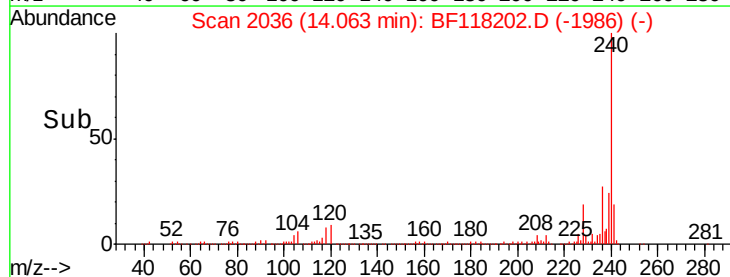
236 26.6 21.0 31.6

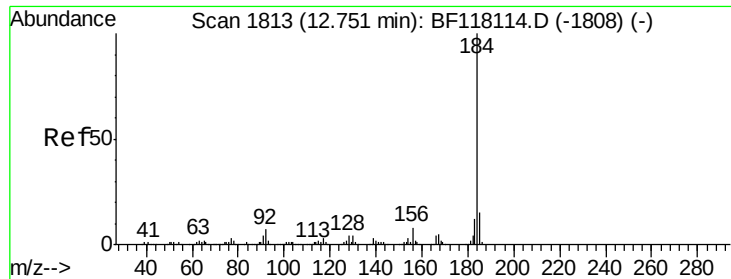


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.891 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

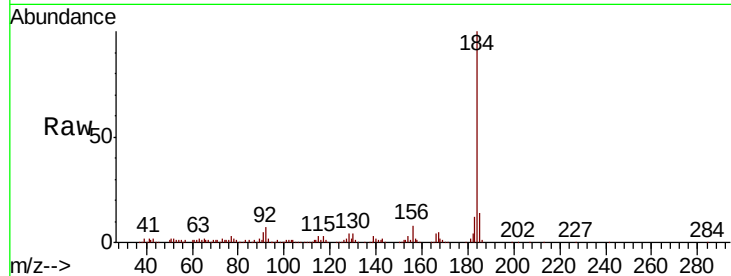
Tot Ion:184 Resp: 280589

Ion Ratio Lower Upper

184 100

185 13.8 12.3 18.5

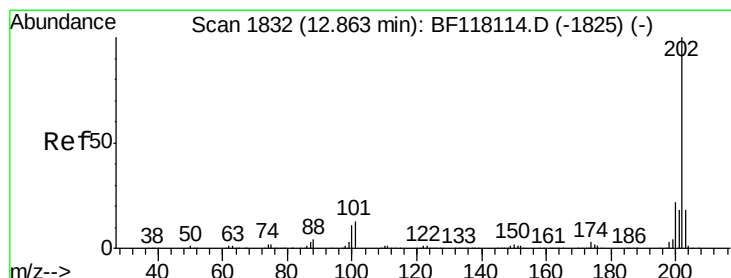
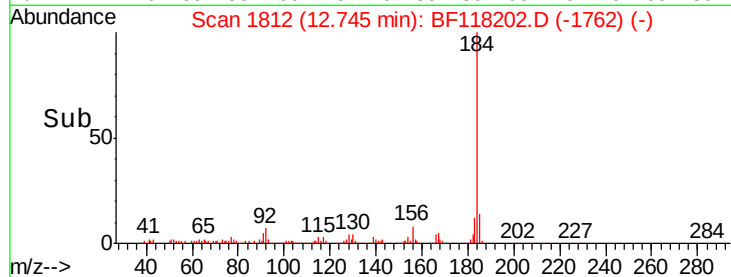
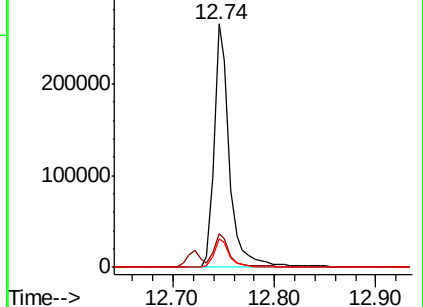
183 11.9 9.9 14.9



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



#78

Pyrene

Concen: 42.066 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

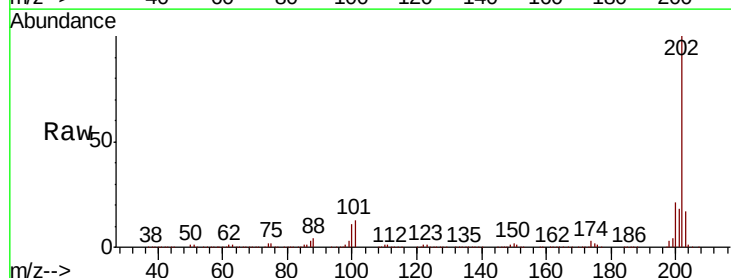
Tgt Ion:202 Resp: 908526

Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

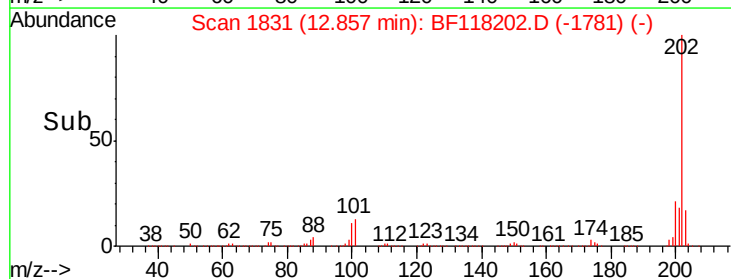
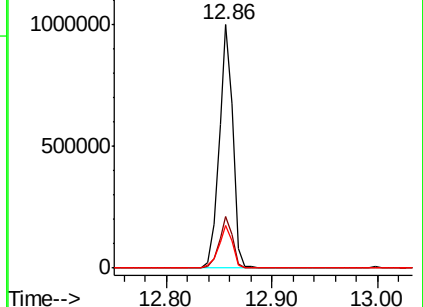
203 17.3 14.6 21.8

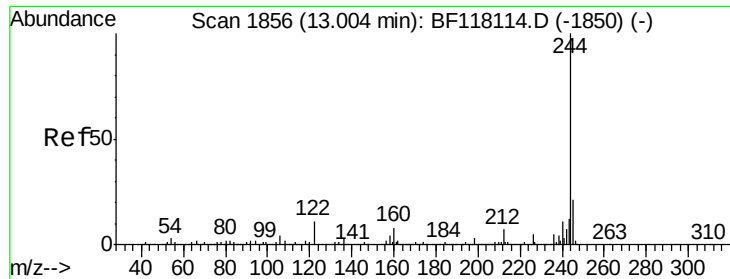


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.414 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

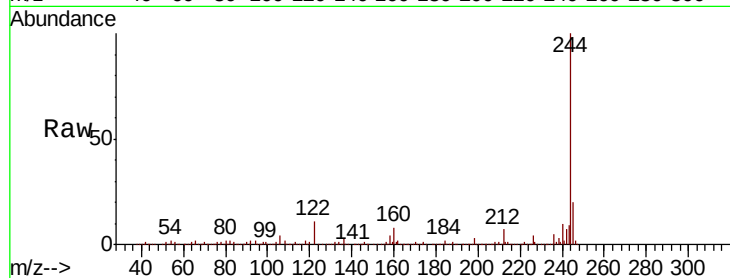
Tot Ion:244 Resp: 1409094

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

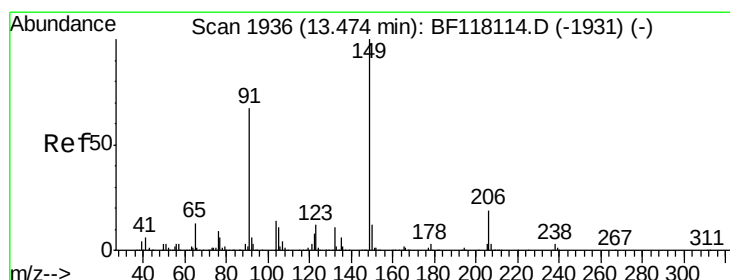
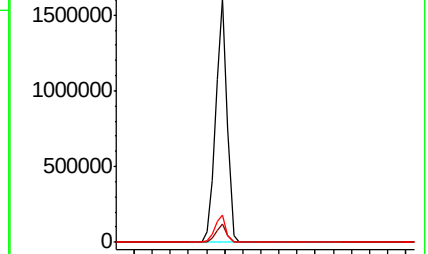
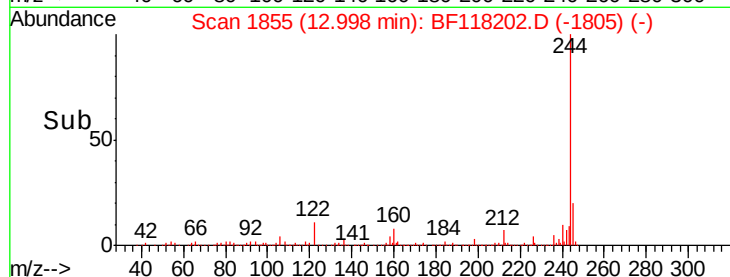
122 11.0 9.0 13.6



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: 41.768 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

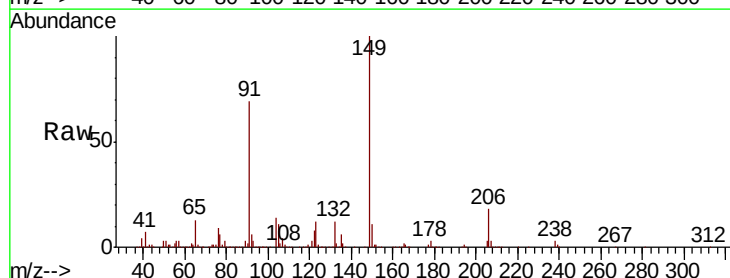
Tgt Ion:149 Resp: 408535

Ion Ratio Lower Upper

149 100

91 68.5 53.9 80.9

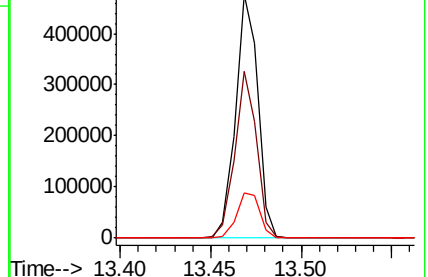
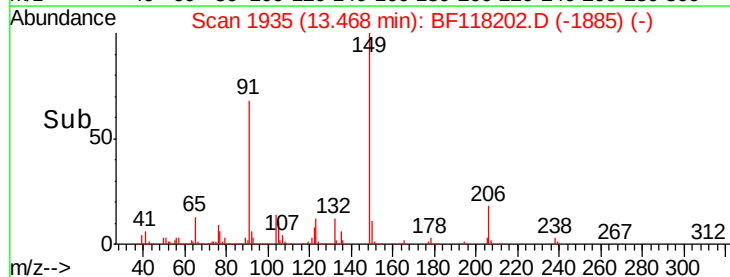
206 18.4 15.2 22.8

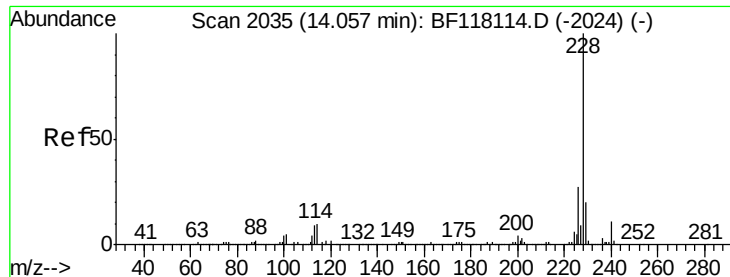


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.758 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

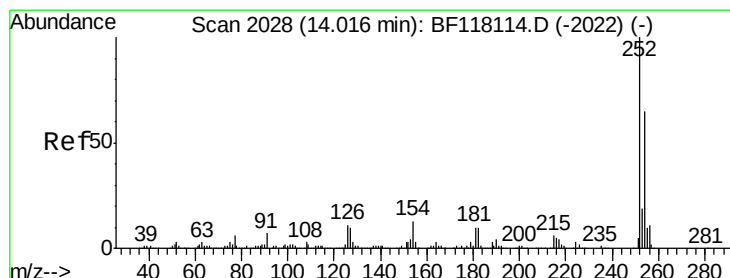
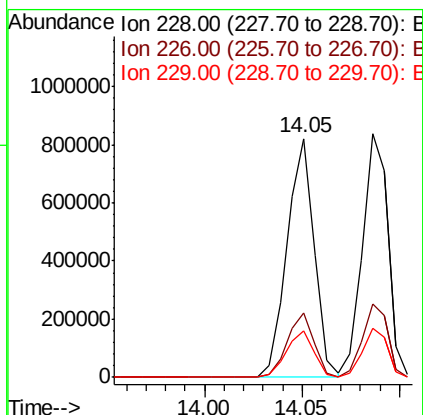
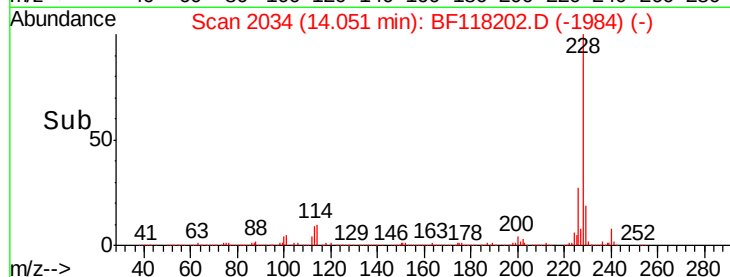
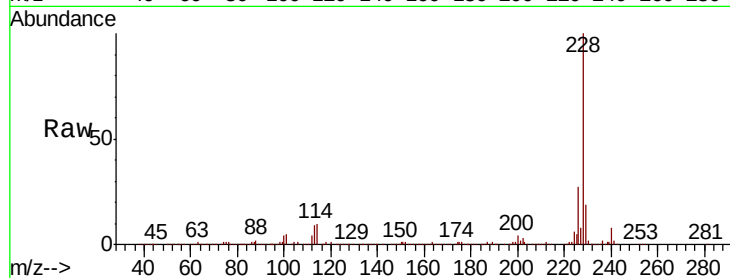
Tot Ion:228 Resp: 791334

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 15.920 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

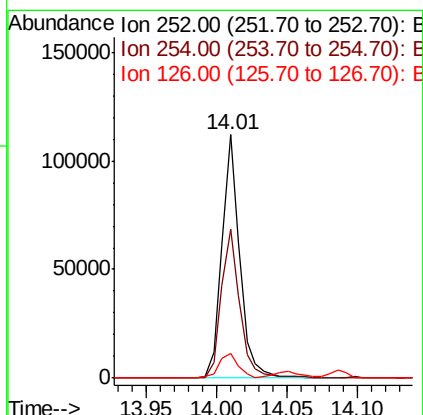
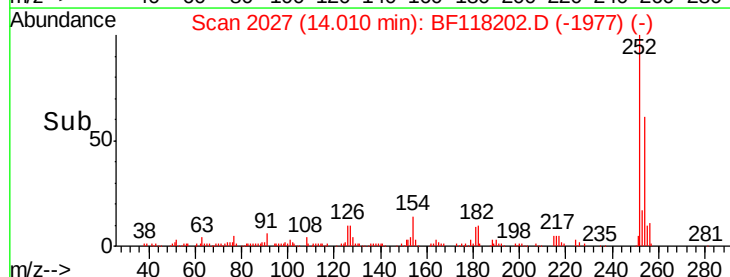
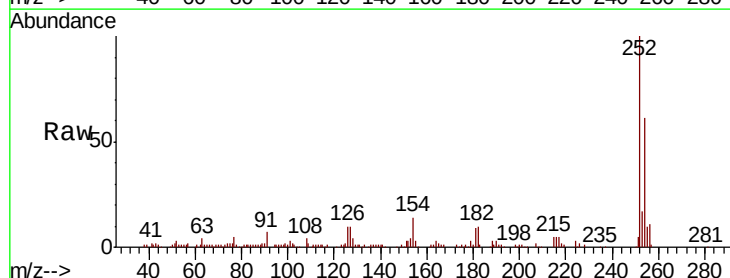
Tgt Ion:252 Resp: 99081

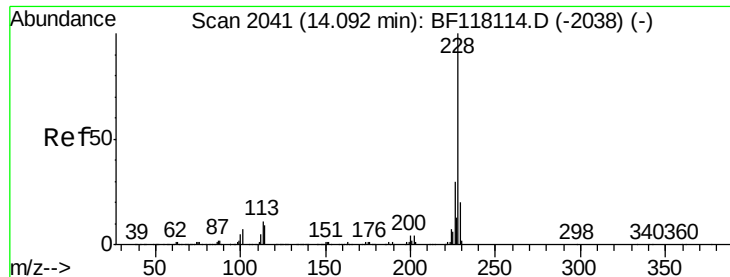
Ion Ratio Lower Upper

252 100

254 61.3 52.2 78.4

126 10.2 8.6 13.0





#83

Chrysene

Concen: 42.411 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampled :

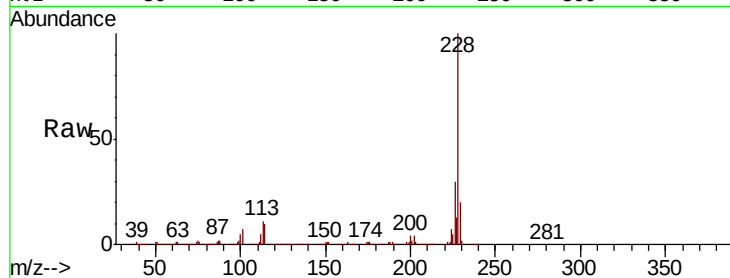
Tot Ion:228 Resp: 767729

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

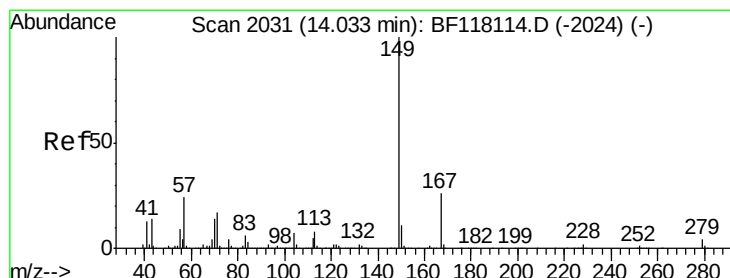
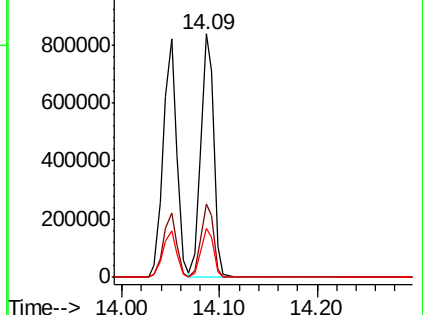
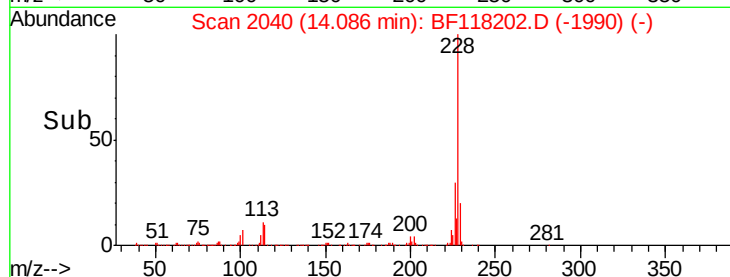
229 20.3 15.7 23.5



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: 44.195 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

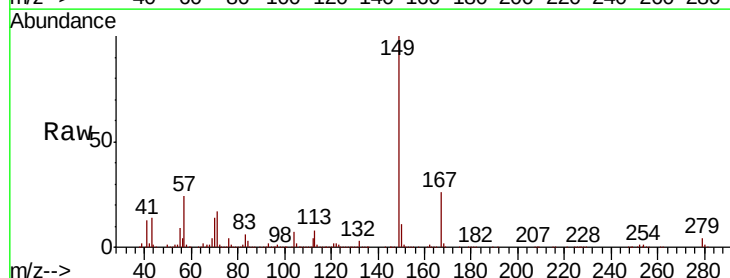
Tgt Ion:149 Resp: 570002

Ion Ratio Lower Upper

149 100

167 25.8 20.8 31.2

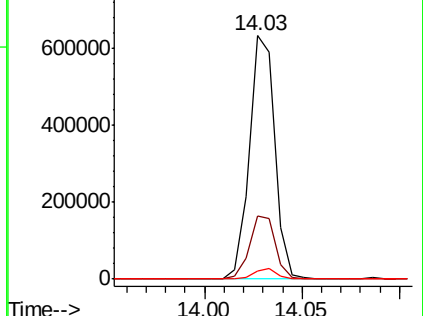
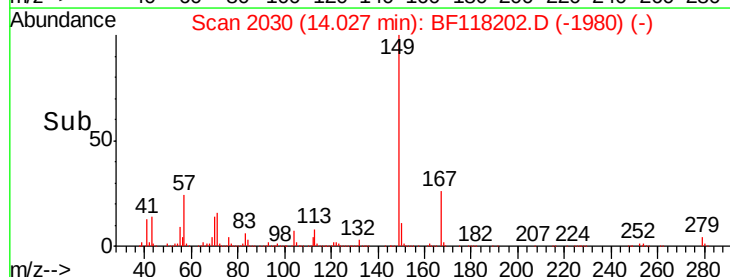
279 3.6 2.9 4.3

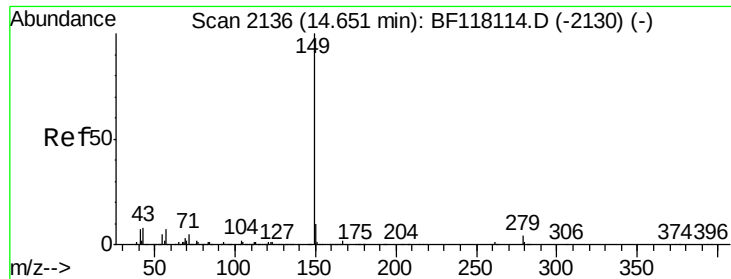


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.655 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

Instrument :

BNA_F

ClientSampleId :

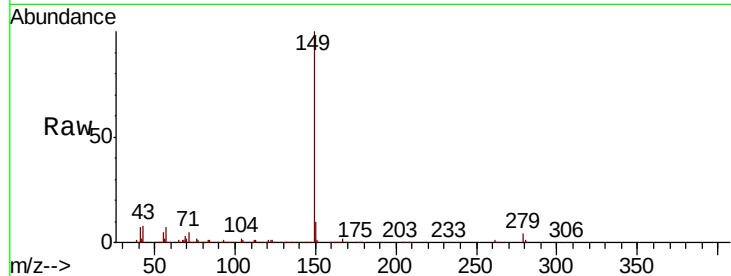
Tot Ion:149 Resp: 891980

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

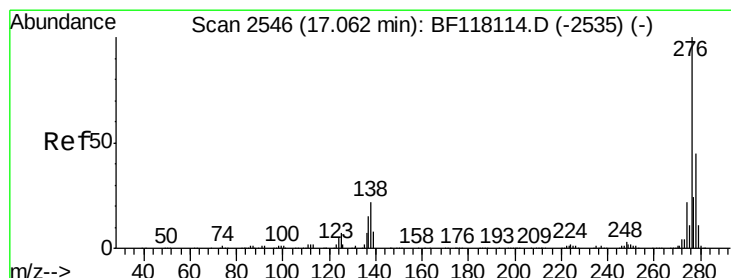
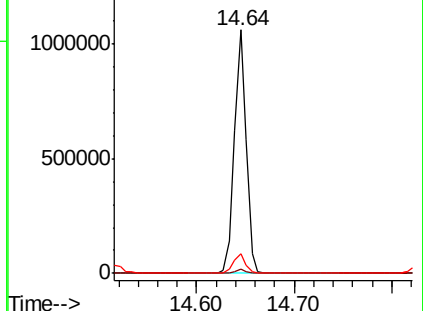
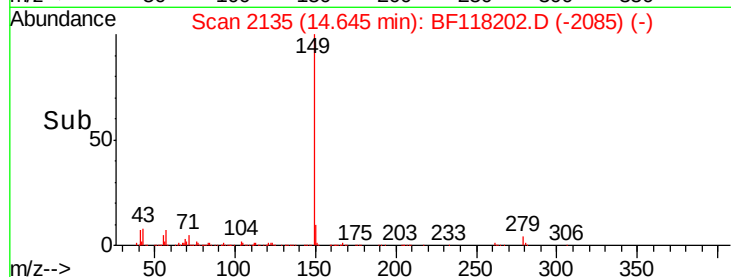
43 8.1 6.5 9.7



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: 47.237 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118202.D

Acq: 16 Dec 2019 17:53

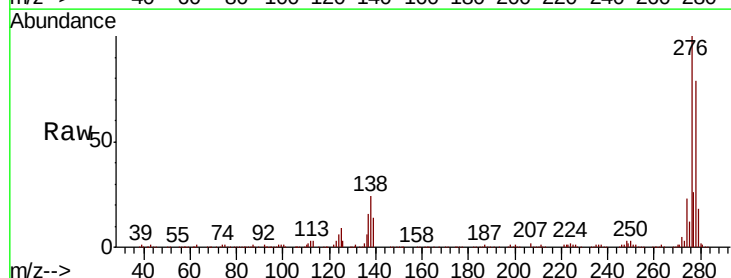
Tgt Ion:276 Resp: 719477

Ion Ratio Lower Upper

276 100

138 23.5 18.9 28.3

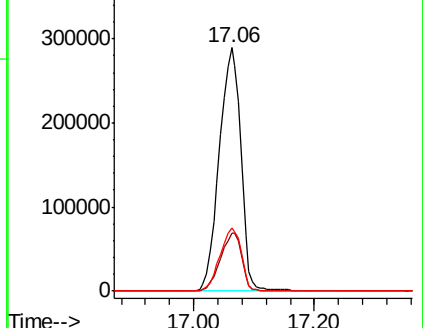
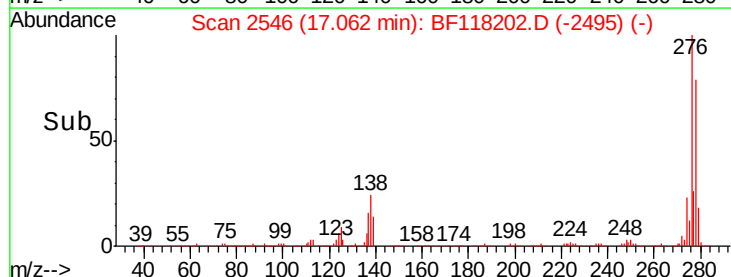
277 25.7 20.4 30.6

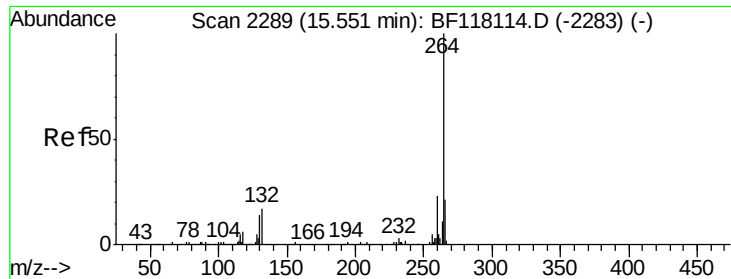


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

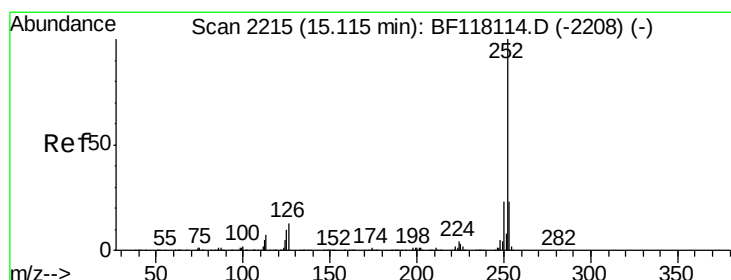
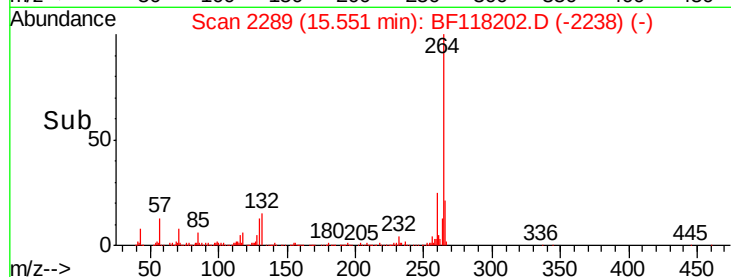
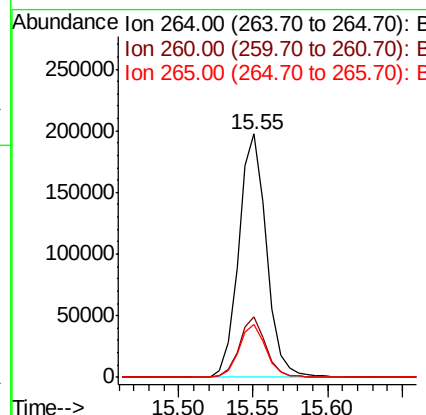
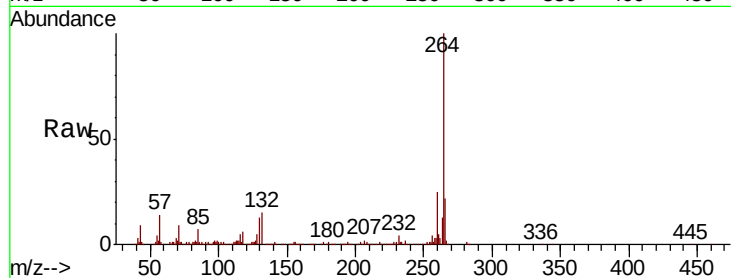




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

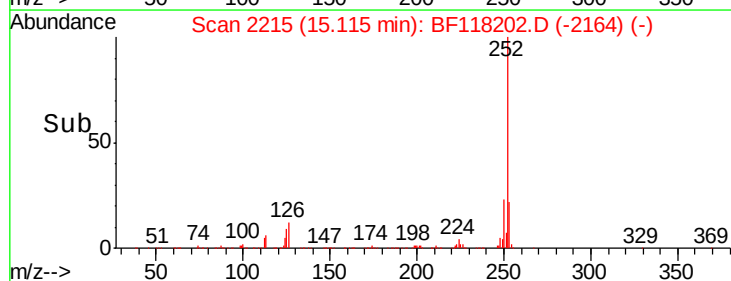
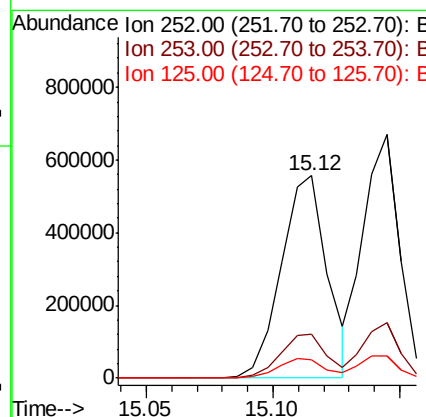
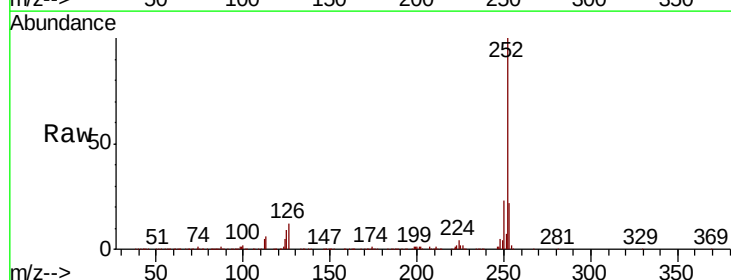
Instrument :
BNA_F
ClientSampled :

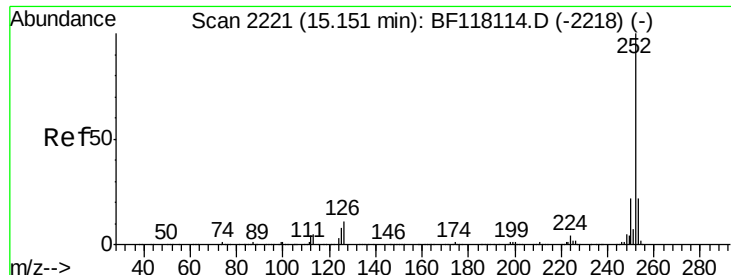
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.6	16.8	25.2



#88
Benzo(b)fluoranthene
Concen: 41.773 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	8.8	8.3	12.5

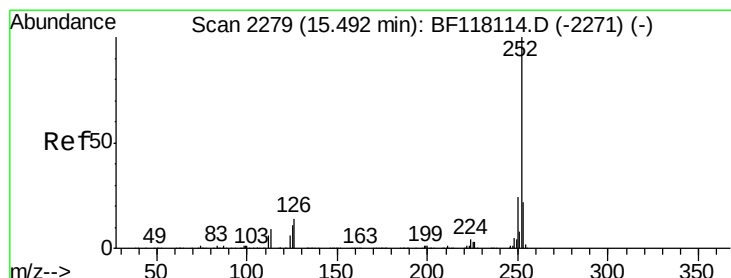
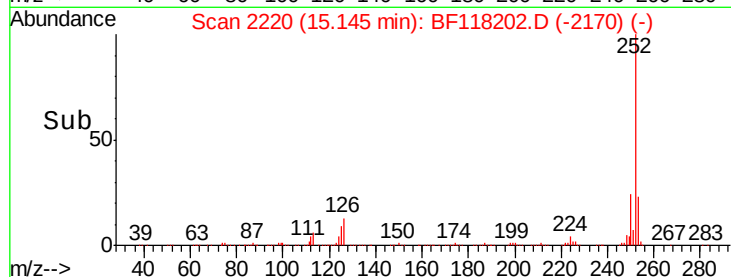
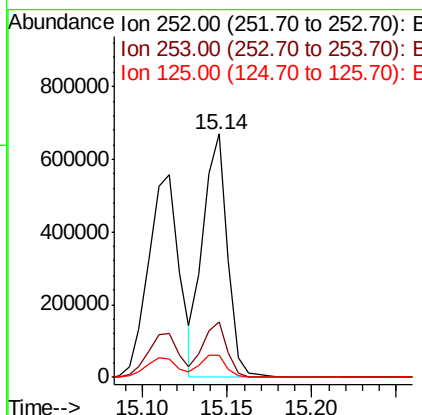
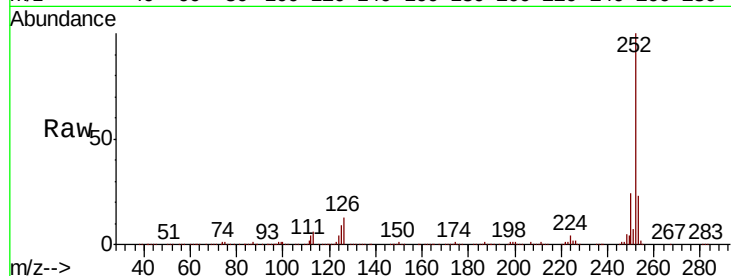




#89
Benzo(k)fluoranthene
Concen: 41.643 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

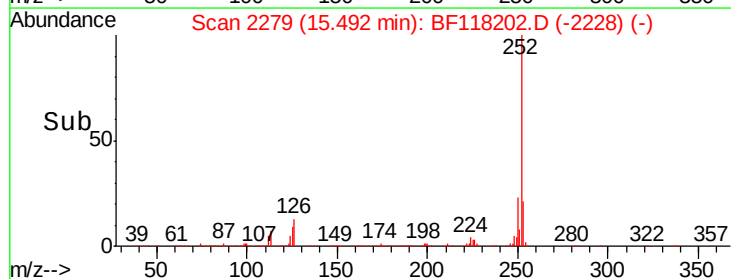
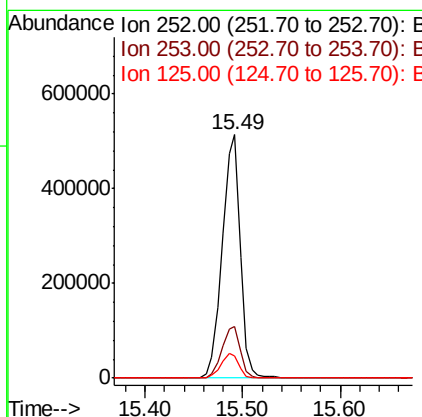
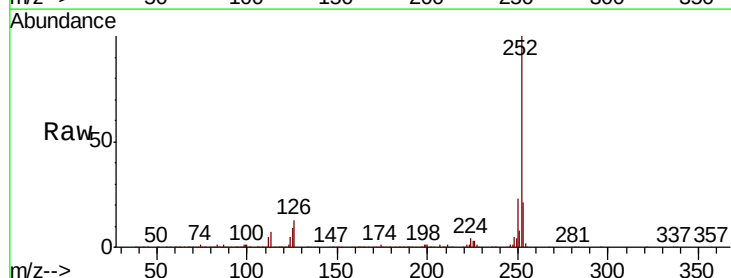
Instrument :
BNA_F
ClientSampleId :

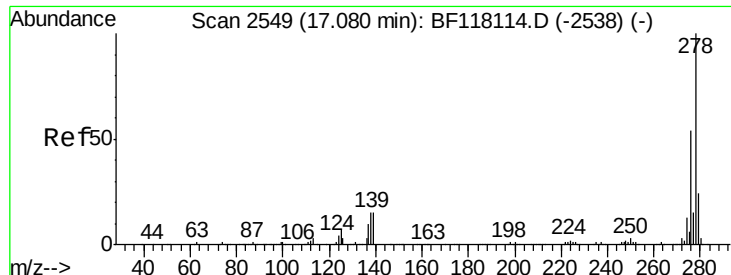
Tot Ion:252 Resp: 675648
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.3 6.7 10.1



#90
Benzo(a)pyrene
Concen: 43.954 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion:252 Resp: 655639
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.3 9.1 13.7

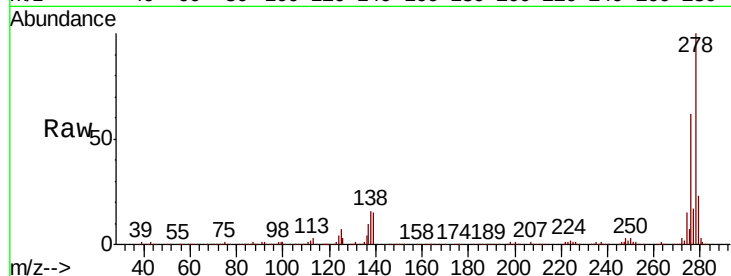




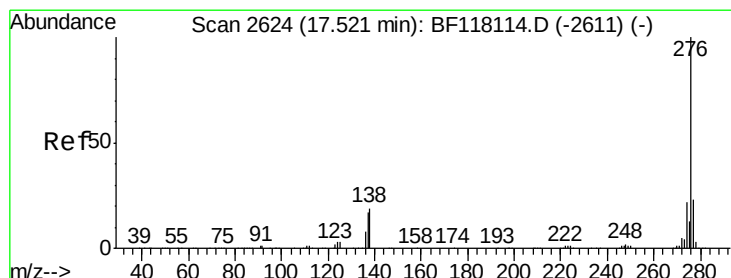
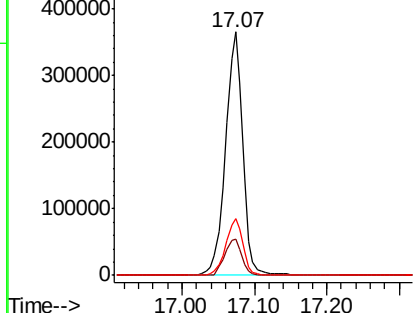
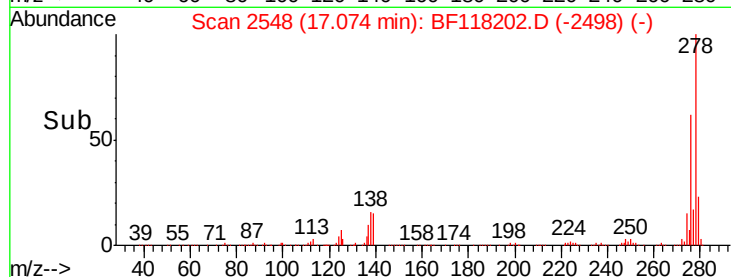
#91
Dibenzo(a,h)anthracene
Concen: 47.173 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.7	17.5
279	23.4	19.0	28.4

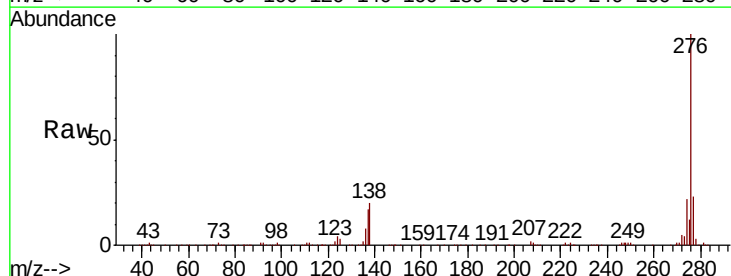


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.448 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118202.D
Acq: 16 Dec 2019 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	19.6	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

