

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118144.D
 Acq On : 9 Dec 2019 14:55
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:53:09 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	6.87	152	156866	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	598071	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	313849	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	578242	20.00	ng	0.00
76) Chrysene-d12	14.07	240	375523	20.00	ng	0.00
87) Perylene-d12	15.56	264	317009	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	701382	78.31	ng	0.00
7) Phenol-d6	6.50	99	862638	79.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	825703	77.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	296734	77.83	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1625673	78.82	ng	0.00
79) Terphenyl-d14	13.00	244	1808066	82.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	141634	37.505	ng	99
3) Pyridine	3.39	79	376801	38.673	ng	99
4) n-Nitrosodimethylamine	3.35	42	163757	39.069	ng	98
6) Aniline	6.53	93	549027	39.621	ng	98
8) 2-Chlorophenol	6.66	128	404503	40.054	ng	97
9) Benzaldehyde	6.42	77	221135	39.000	ng	99
10) Phenol	6.52	94	486904	39.412	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	349765	39.145	ng	95
12) 1,3-Dichlorobenzene	6.81	146	473044	40.097	ng	99
13) 1,4-Dichlorobenzene	6.89	146	474508	39.944	ng	98
14) 1,2-Dichlorobenzene	7.05	146	449709	40.311	ng	99
15) Benzyl Alcohol	7.02	79	336988	39.851	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	423986	39.466	ng	96
17) 2-Methylphenol	7.13	107	318852	39.697	ng	98
18) Hexachloroethane	7.39	117	175772	40.155	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	261890	39.785	ng	98
20) 3+4-Methylphenols	7.28	107	407065	40.347	ng	# 88
22) Acetophenone	7.29	105	557352	38.790	ng	94
24) Nitrobenzene	7.46	77	406732	38.941	ng	98
25) Isophorone	7.70	82	692213	38.410	ng	99
26) 2-Nitrophenol	7.77	139	219104	39.248	ng	96
27) 2,4-Dimethylphenol	7.81	122	290861	39.060	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	456074	38.729	ng	99
29) 2,4-Dichlorophenol	8.02	162	340705	39.247	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	399830	39.411	ng	99
31) Naphthalene	8.18	128	1185822	39.479	ng	100
32) Benzoic acid	7.95	122	269612	40.100	ng	99
33) 4-Chloroaniline	8.23	127	491434	37.892	ng	99
34) Hexachlorobutadiene	8.30	225	240778	39.579	ng	100
35) Caprolactam	8.61	113	101945	38.080	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	350684	38.387	ng	99
37) 2-Methylnaphthalene	8.87	142	791501	38.923	ng	99
38) 1-Methylnaphthalene	8.97	142	750884	39.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	374402	39.379	ng	100

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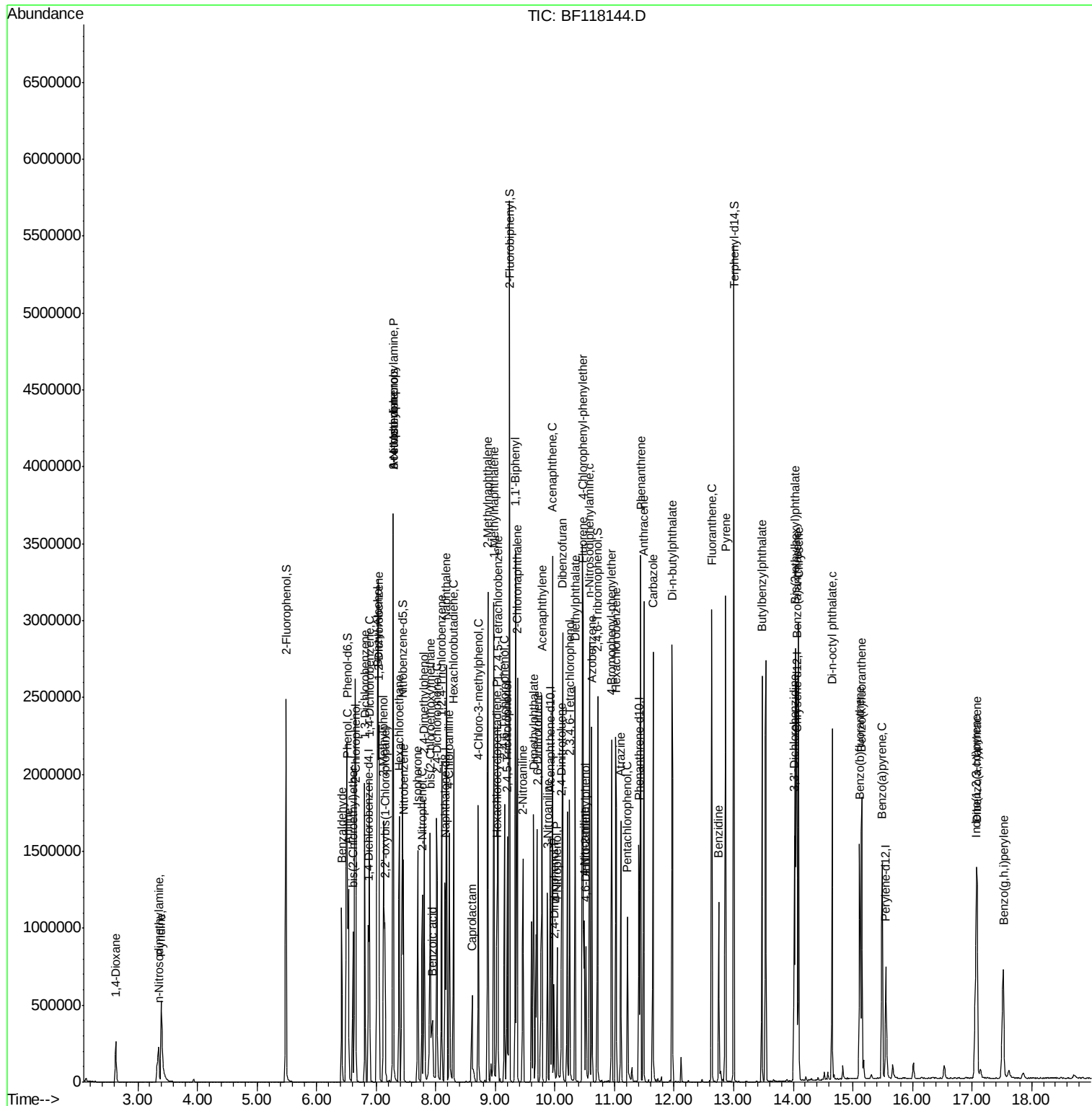
Instrument :
 BNA_F
 ClientSampleId :

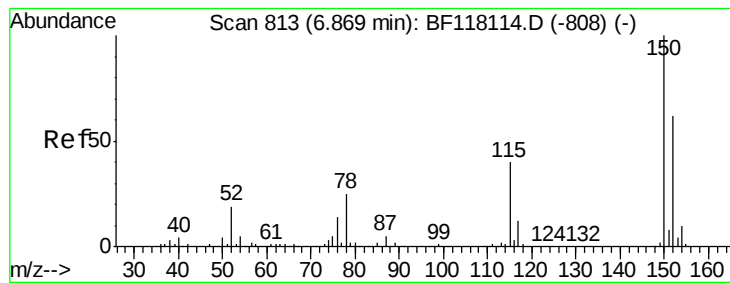
Quant Time: Dec 10 00:53:09 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	162065	38.045	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	249865	39.361	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	255688	38.877	ng	95
46) 1,1'-Biphenyl	9.34	154	973834	39.342	ng	99
47) 2-Chloronaphthalene	9.37	162	786487	39.499	ng	99
48) 2-Nitroaniline	9.46	65	217088	38.232	ng	97
49) Acenaphthylene	9.79	152	1148097	39.093	ng	99
50) Dimethylphthalate	9.64	163	900712	38.854	ng	98
51) 2,6-Dinitrotoluene	9.70	165	193074	38.302	ng	96
52) Acenaphthene	9.96	154	696072	38.832	ng	97
53) 3-Nitroaniline	9.88	138	228106	38.452	ng	94
54) 2,4-Dinitrophenol	9.99	184	92542	36.900	ng	90
55) Dibenzofuran	10.13	168	1024412	39.002	ng	100
56) 4-Nitrophenol	10.04	139	149118	36.221	ng	95
57) 2,4-Dinitrotoluene	10.11	165	265015	39.389	ng	99
58) Fluorene	10.47	166	817828	39.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	210221	38.743	ng	99
60) Diethylphthalate	10.34	149	896958	39.271	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	417353	39.739	ng	98
62) 4-Nitroaniline	10.50	138	236055	38.153	ng	98
63) Azobenzene	10.62	77	766741	39.324	ng	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	123296	38.610	ng	87
66) n-Nitrosodiphenylamine	10.58	169	718191	39.772	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	263719	39.953	ng	# 90
68) Hexachlorobenzene	11.02	284	303003	39.000	ng	99
69) Atrazine	11.11	200	200594	40.136	ng	97
70) Pentachlorophenol	11.22	266	145153	39.728	ng	98
71) Phenanthrene	11.44	178	1200275	39.048	ng	100
72) Anthracene	11.49	178	1199917	39.131	ng	100
73) Carbazole	11.64	167	1068227	38.827	ng	99
74) Di-n-butylphthalate	11.97	149	1395742	40.536	ng	99
75) Fluoranthene	12.63	202	1205922	38.372	ng	99
77) Benzidine	12.75	184	457613	46.290	ng	99
78) Pyrene	12.86	202	1207949	40.819	ng	99
80) Butylbenzylphthalate	13.47	149	556841	41.549	ng	98
81) Benzo(a)anthracene	14.06	228	1008650	38.845	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	335605	39.354	ng	99
83) Chrysene	14.09	228	951854	38.376	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	738059	41.764	ng	99
85) Di-n-octyl phthalate	14.65	149	1059295	39.570	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	783822	37.557	ng	100
88) Benzo(b)fluoranthene	15.12	252	817099	38.973	ng	98
89) Benzo(k)fluoranthene	15.15	252	772730	38.365	ng	99
90) Benzo(a)pyrene	15.49	252	708309	38.252	ng	100
91) Dibenzo(a,h)anthracene	17.09	278	646831	40.727	ng	99
92) Benzo(g,h,i)perylene	17.53	276	622394	40.781	ng	99

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

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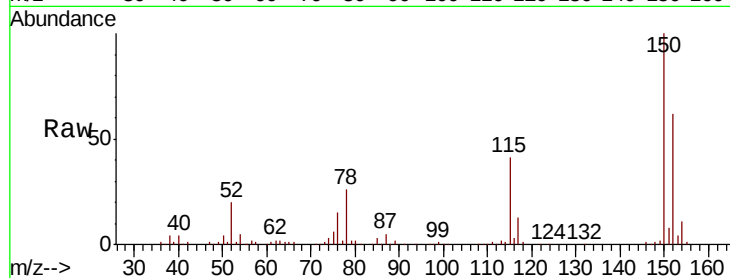


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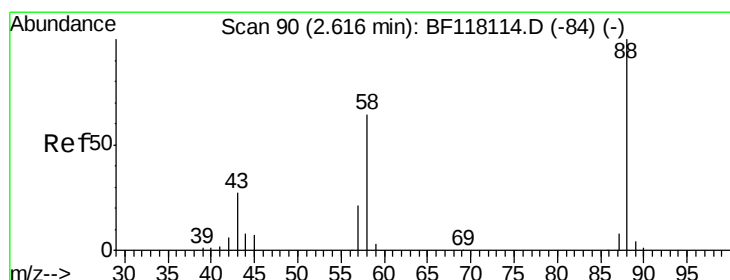
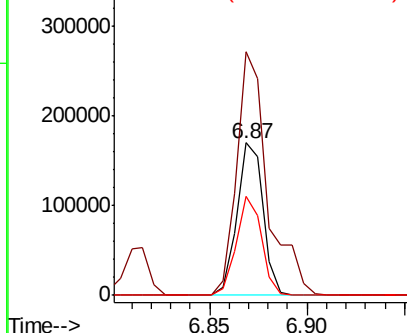
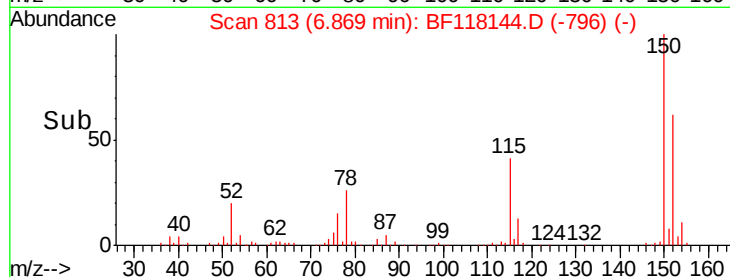
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 156866
 Ion Ratio Lower Upper
 152 100
 150 160.0 128.3 192.5
 115 65.3 51.1 76.7



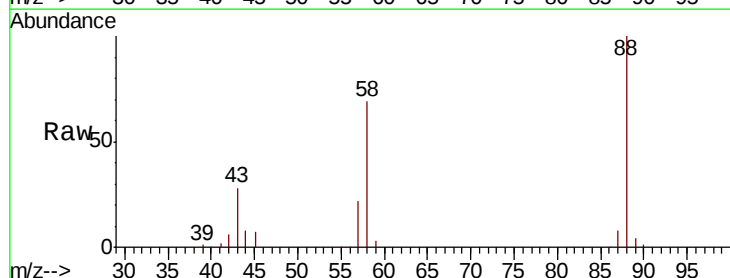
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



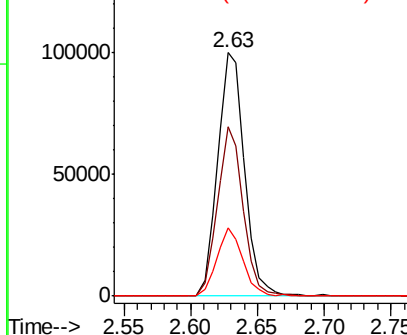
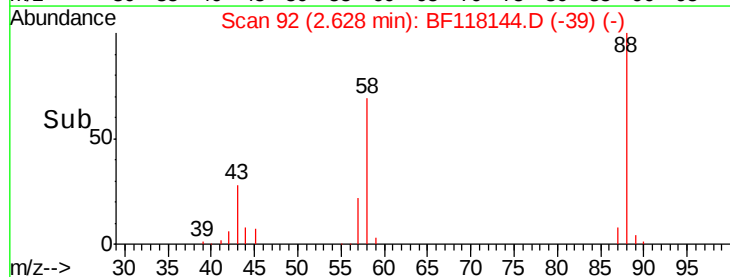
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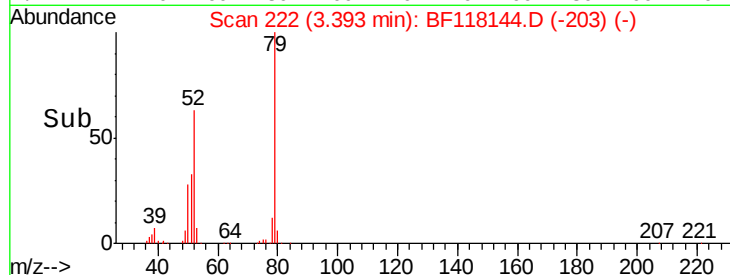
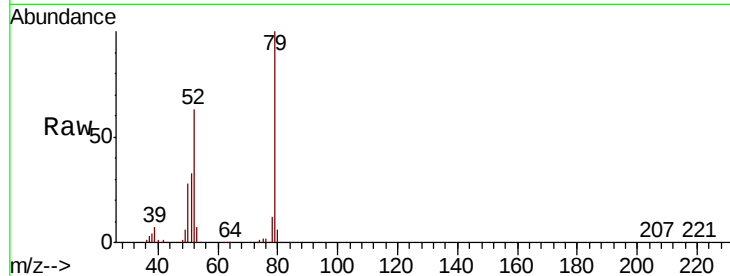
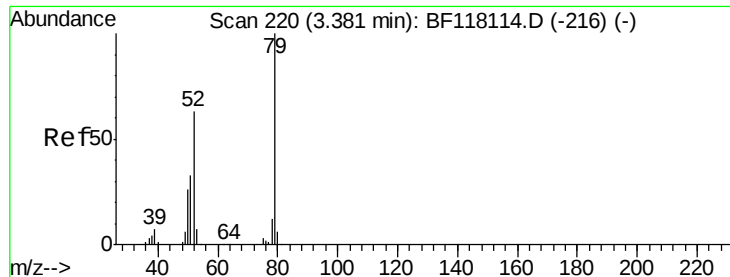
1,4-Dioxane
 Concen: 37.505 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion: 88 Resp: 141634
 Ion Ratio Lower Upper
 88 100
 58 66.2 52.2 78.4
 43 27.1 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



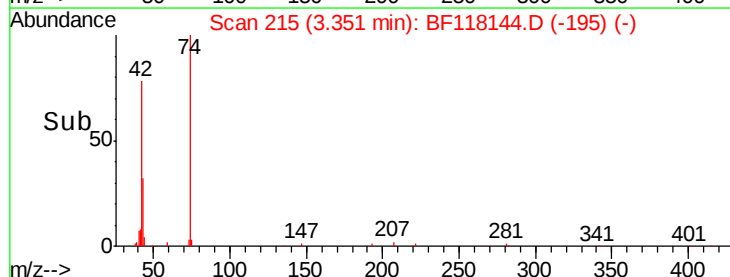
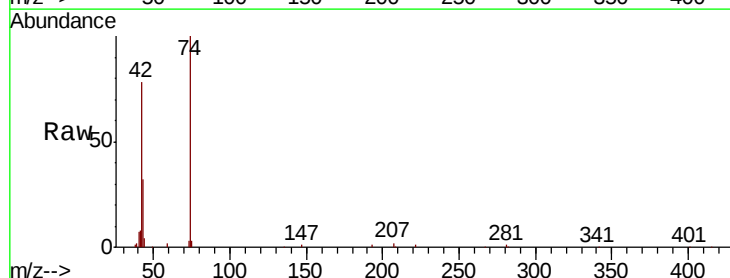
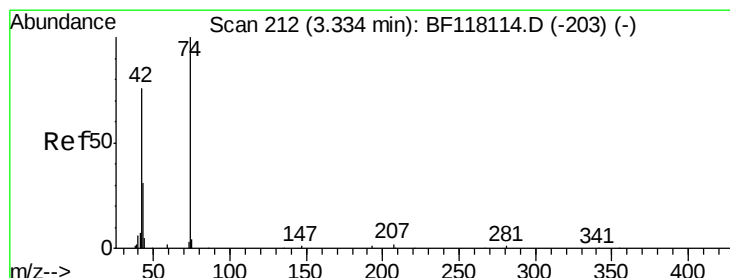
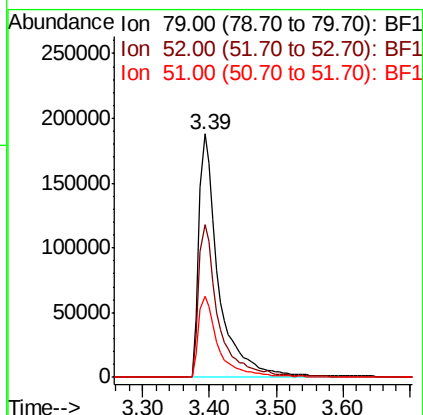


#3
Pvridine
Concen: 38.673 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.01 min
Lab File: BF118114.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 376801

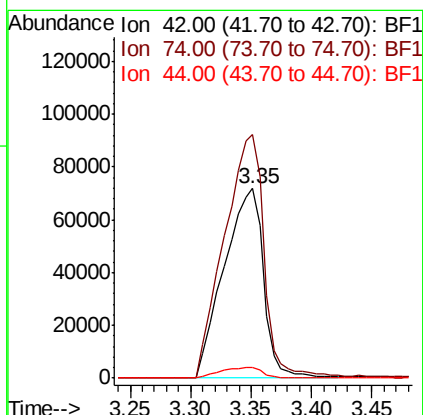
Ion	Ratio	Lower	Upper
79	100		
52	62.5	50.7	76.1
51	33.3	26.4	39.6



#4
n-Nitrosodimethylamine
Concen: 39.069 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.02 min
Lab File: BF118114.D
Acq: 9 Dec 2019 14:55

Tgt Ion: 42 Resp: 163757

Ion	Ratio	Lower	Upper
42	100		
74	128.6	104.6	157.0
44	5.6	5.1	7.7

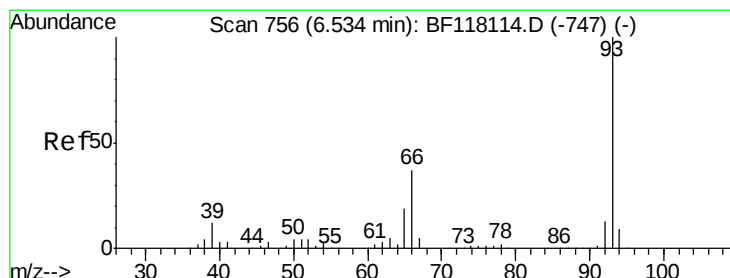
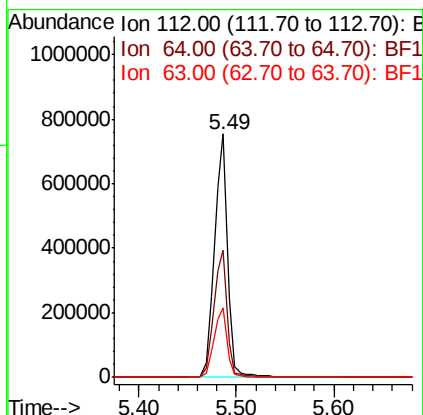
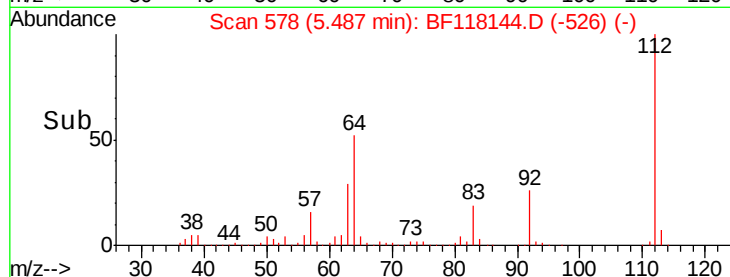
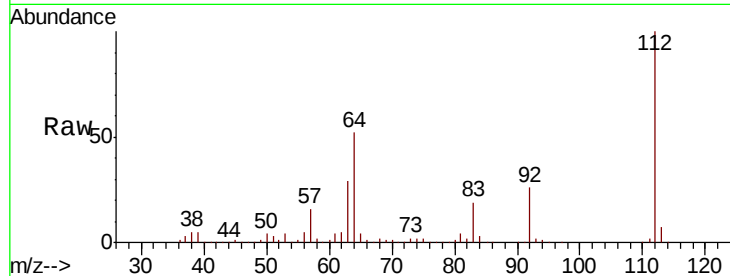




#5
2-Fluorophenol
Concen: 78.312 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

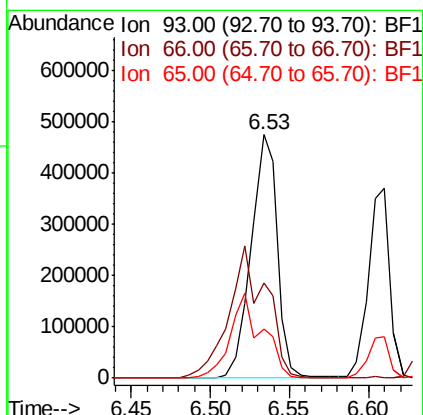
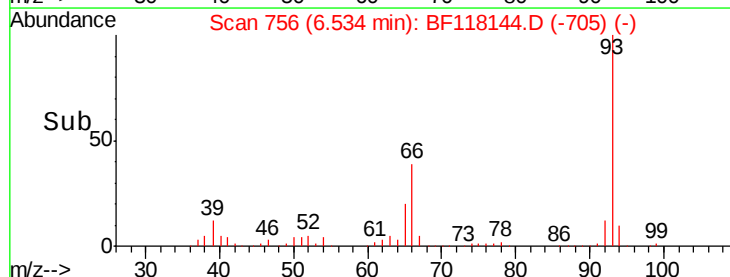
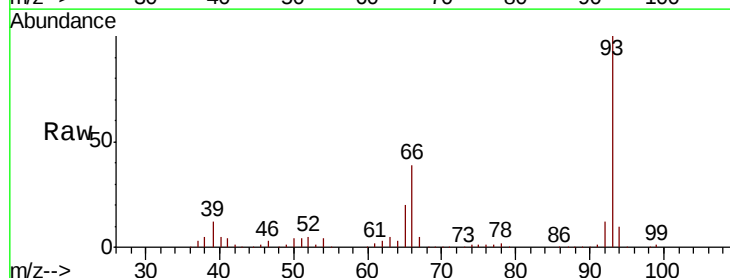
Instrument :
BNA_F
ClientSampleId :

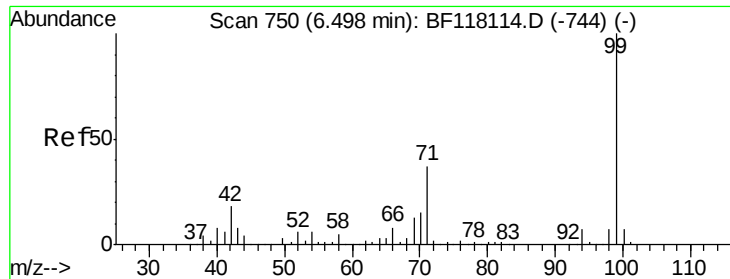
Tot Ion: 112 Resp: 701382
Ion Ratio Lower Upper
112 100
64 52.0 41.3 61.9
63 28.7 22.4 33.6



#6
Aniline
Concen: 39.621 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion: 93 Resp: 549027
Ion Ratio Lower Upper
93 100
66 38.9 30.2 45.2
65 19.9 15.5 23.3





#7

Phenol-d6

Concen: 79.631 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampled :

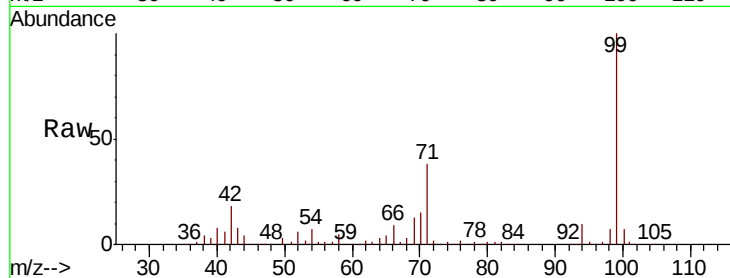
Tot Ion: 99 Resp: 862638

Ion Ratio Lower Upper

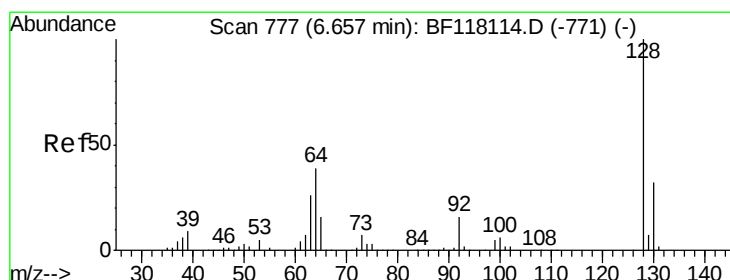
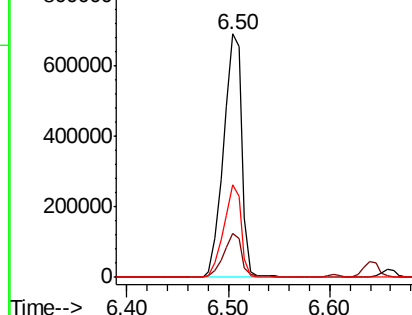
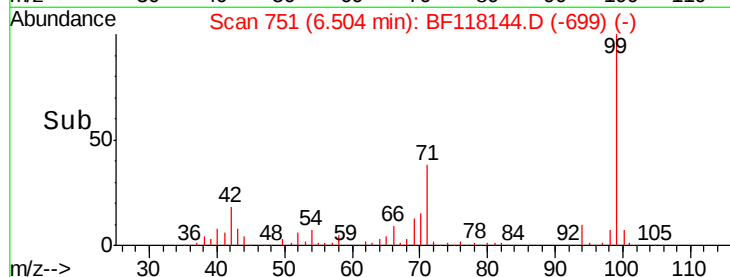
99 100

42 18.0 14.1 21.1

71 37.9 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: 40.054 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

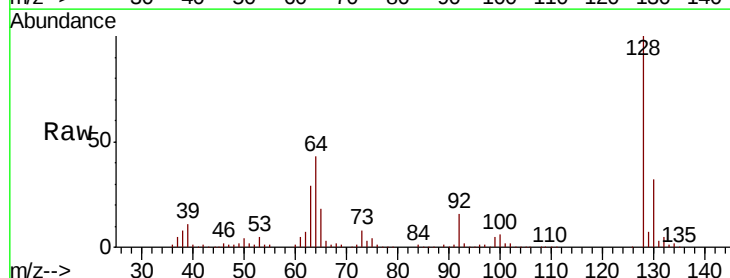
Tgt Ion:128 Resp: 404503

Ion Ratio Lower Upper

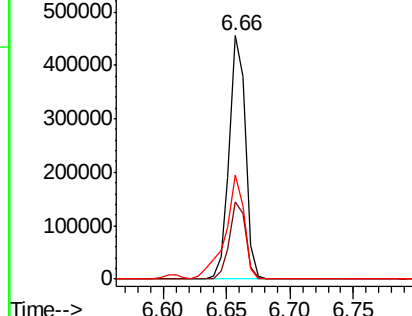
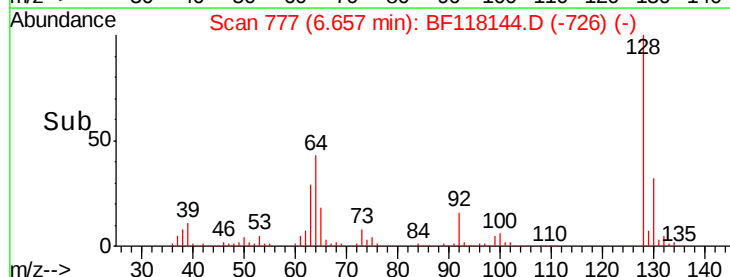
128 100

130 31.7 12.1 52.1

64 42.5 19.3 59.3



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





#9

Benzaldehyde

Concen: 39.000 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampleId :

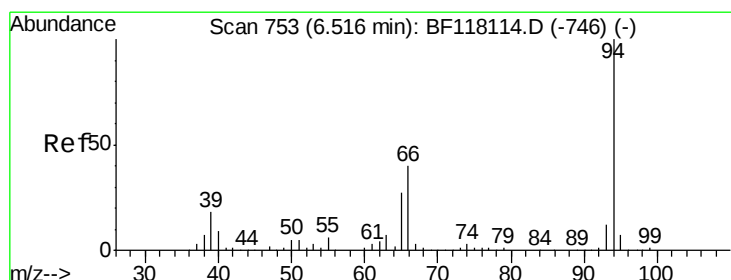
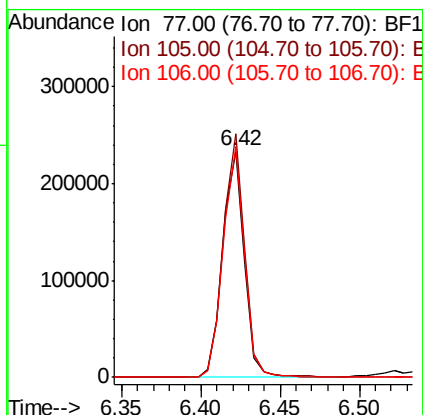
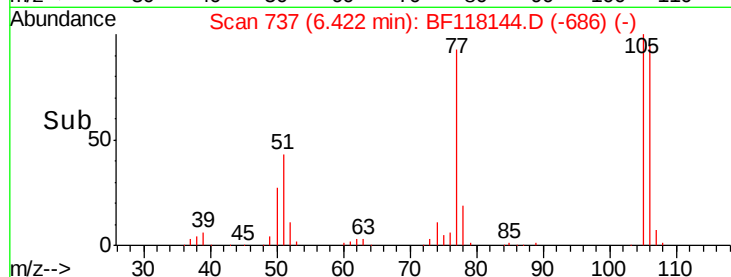
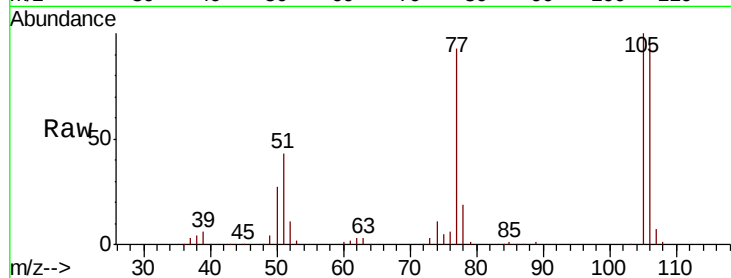
Tot Ion: 77 Resp: 221135

Ion Ratio Lower Upper

77 100

105 107.8 86.4 126.4

106 102.4 83.8 123.8



#10

Phenol

Concen: 39.412 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

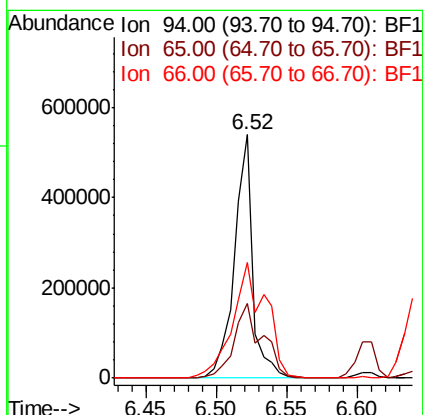
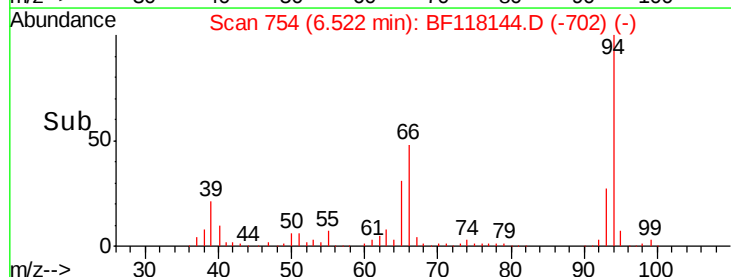
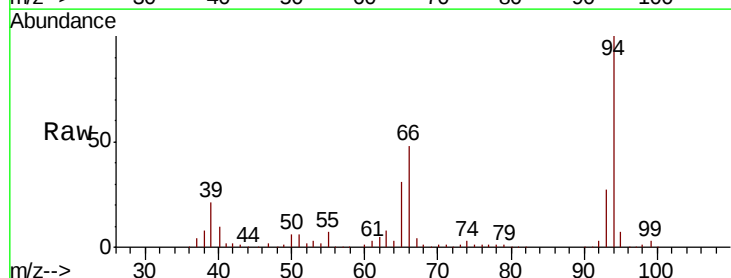
Tgt Ion: 94 Resp: 486904

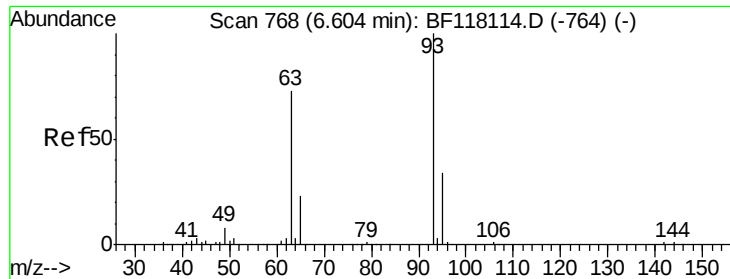
Ion Ratio Lower Upper

94 100

65 30.9 7.3 47.3

66 47.7 20.2 60.2

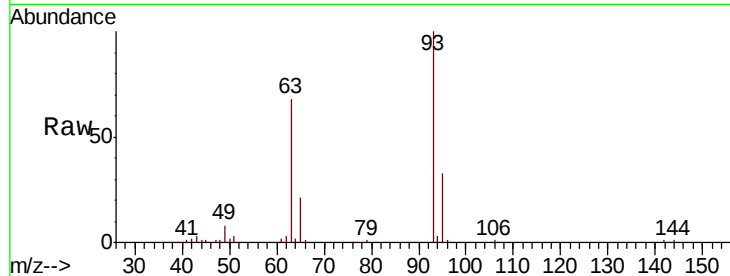




#11
bis(2-Chloroethyl)ether
Concen: 39.145 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	53.2	93.2
95	32.9	13.8	53.8

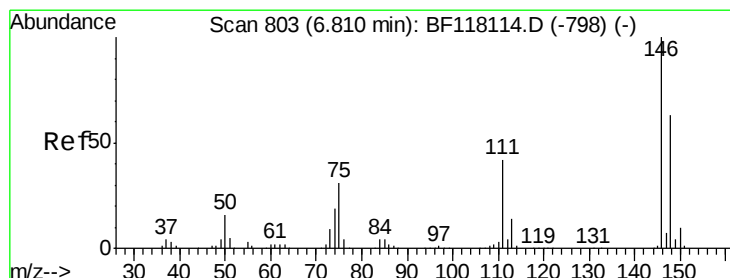
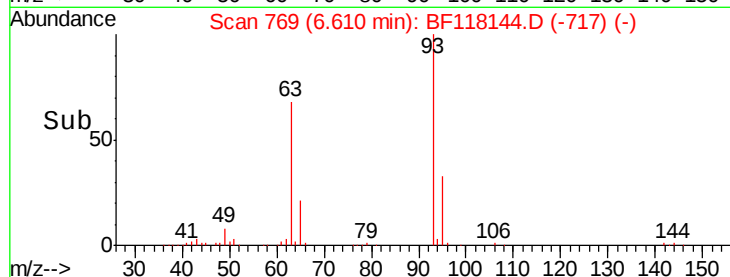
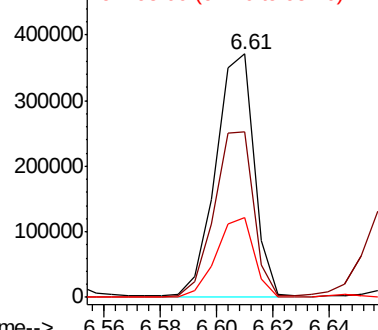


Abundance

Ion 93.00 (92.70 to 93.70): BF1

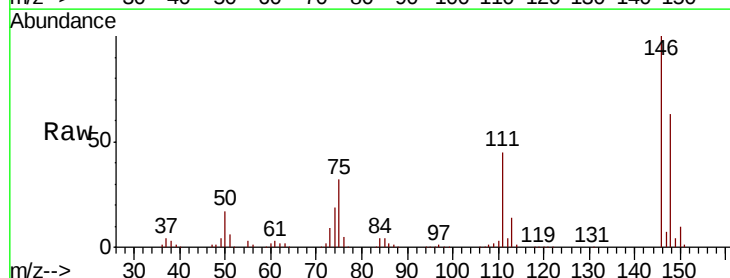
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.097 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.4
75	32.2	24.6	37.0

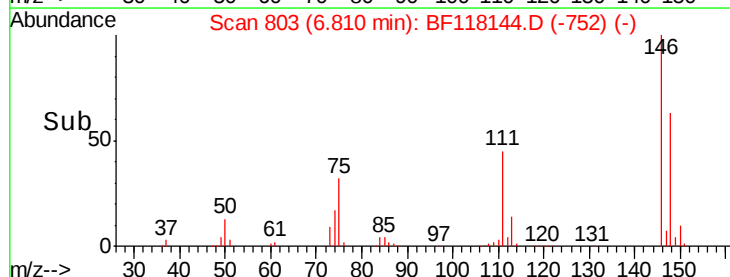
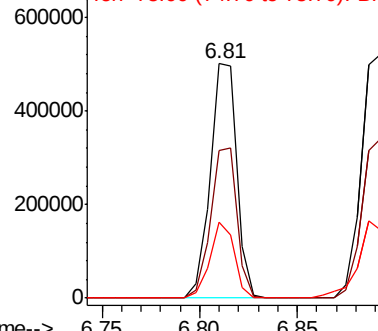


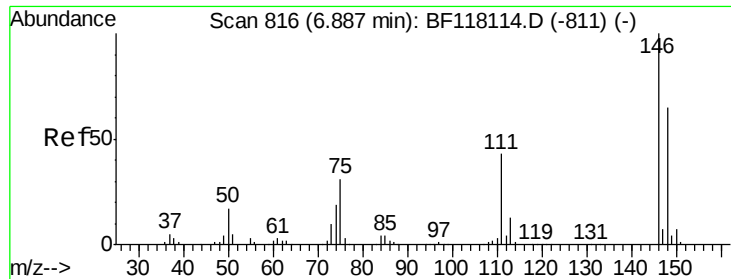
Abundance

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

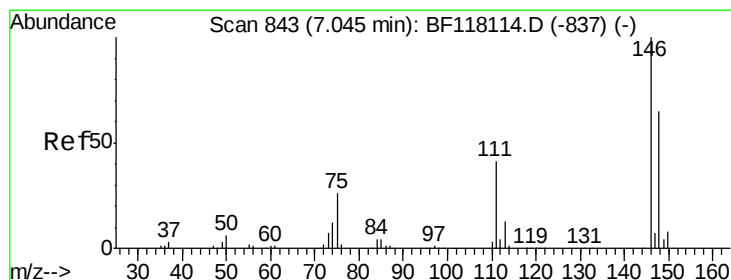
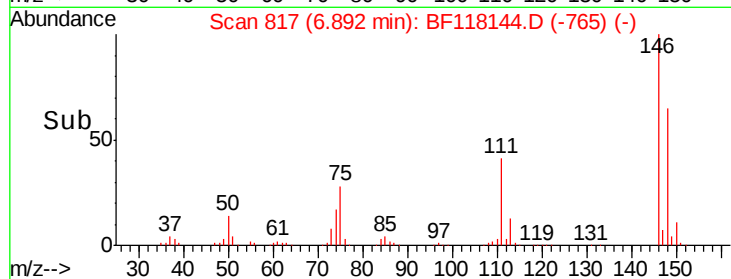
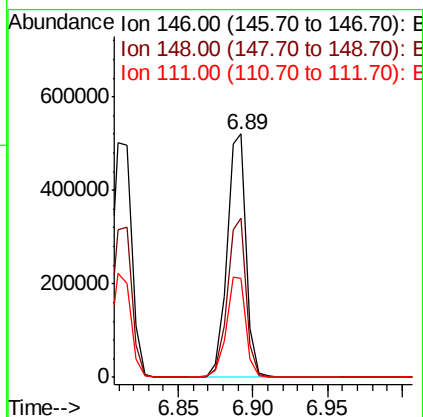
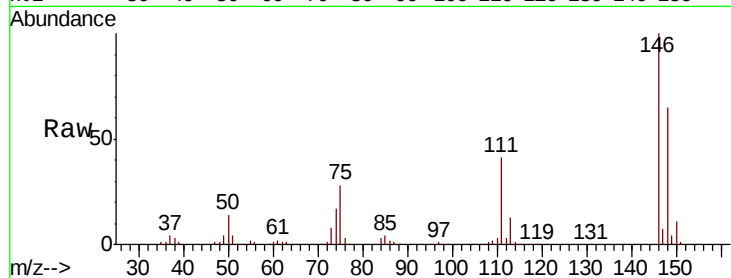




#13
 1,4-Dichlorobenzene
 Concen: 39.944 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

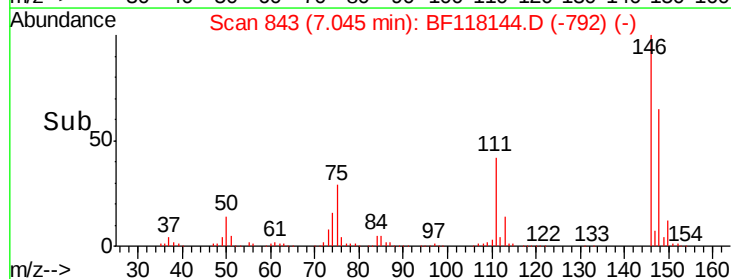
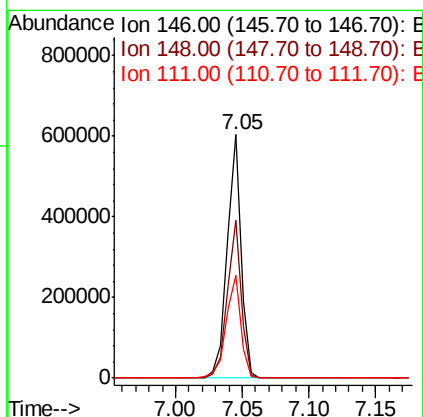
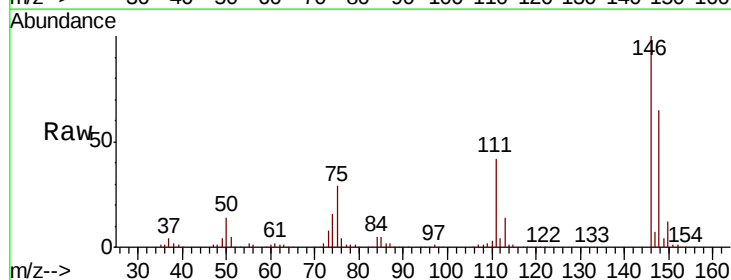
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 474508
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.1 78.1
 111 40.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 40.311 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion:146 Resp: 449709
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 42.4 33.1 49.7





#15

Benzyl Alcohol

Concen: 39.851 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampled :

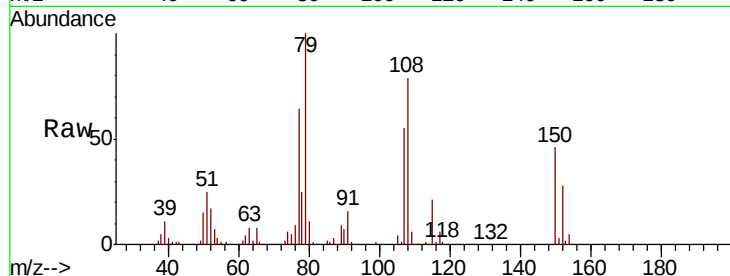
Tot Ion: 79 Resp: 336988

Ion Ratio Lower Upper

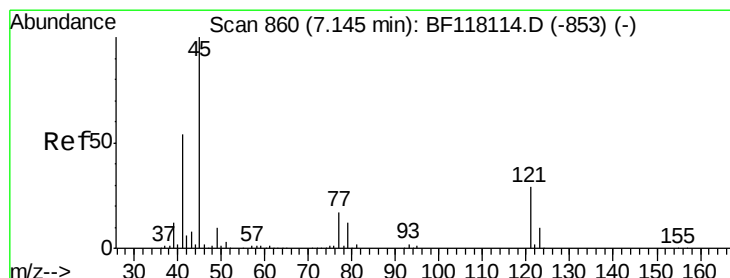
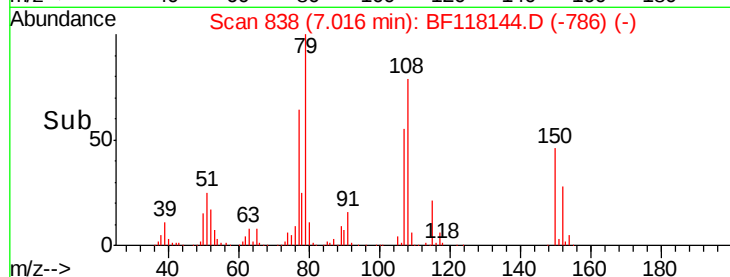
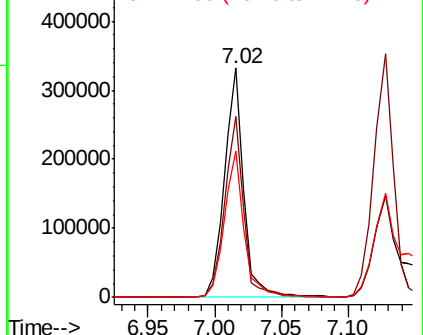
79 100

108 78.7 62.7 94.1

77 63.7 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: 39.466 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

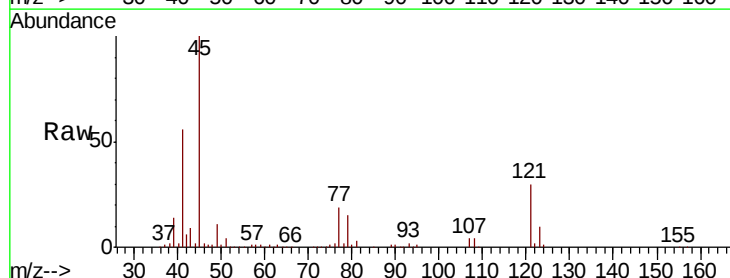
Tgt Ion: 45 Resp: 423986

Ion Ratio Lower Upper

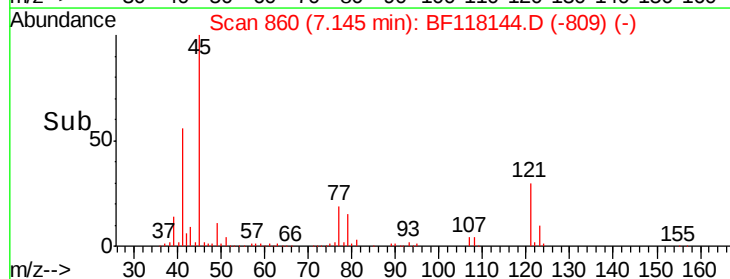
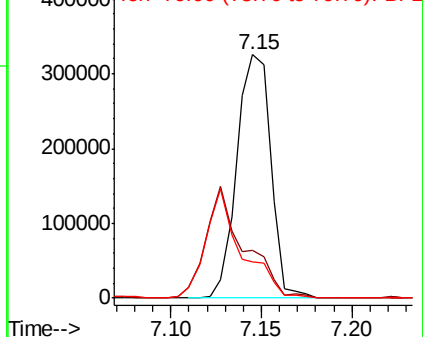
45 100

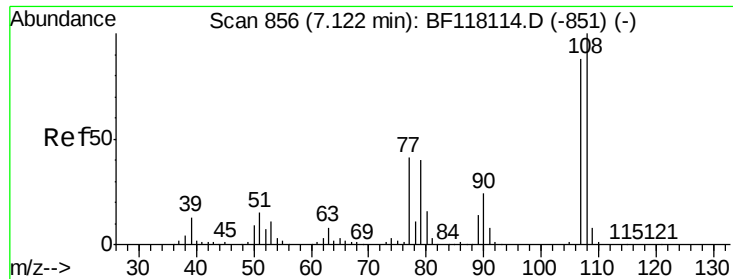
77 19.5 0.0 38.0

79 14.9 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

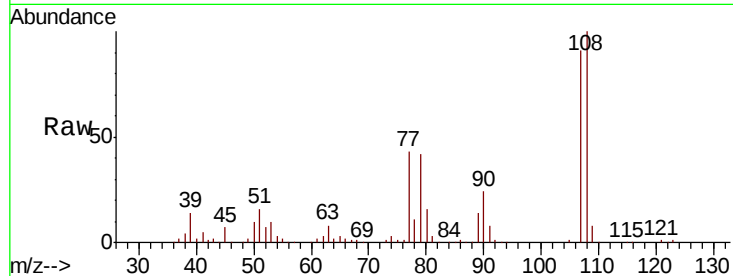




#17
2-Methylphenol
Concen: 39.697 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	318852
Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.1	136.7
77	46.7	37.8	56.6
79	45.7	37.0	55.6



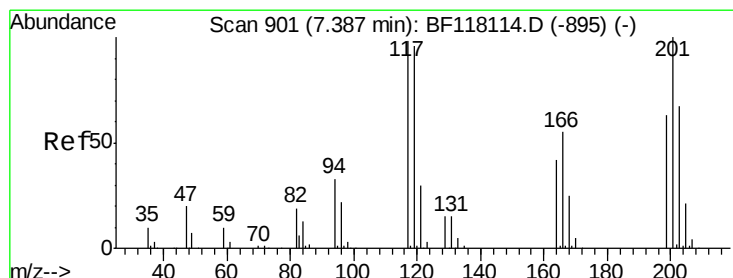
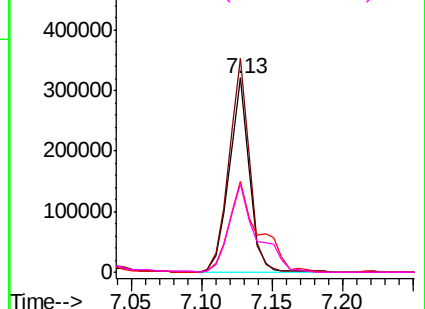
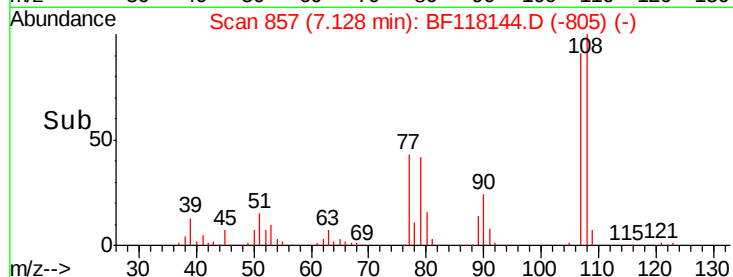
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

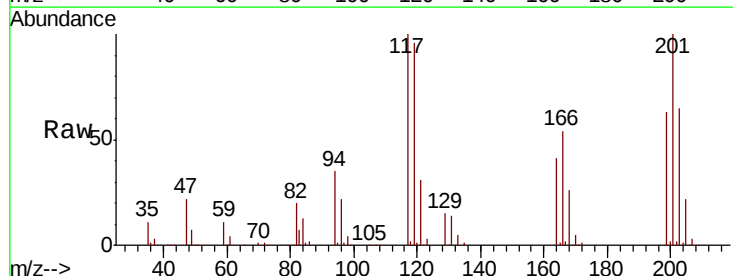
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.155 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:	117	Resp:	175772
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.2	117.4
201	99.5	81.6	122.4

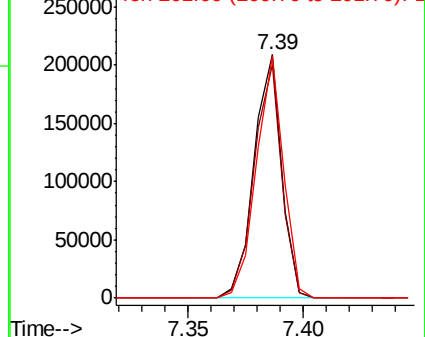
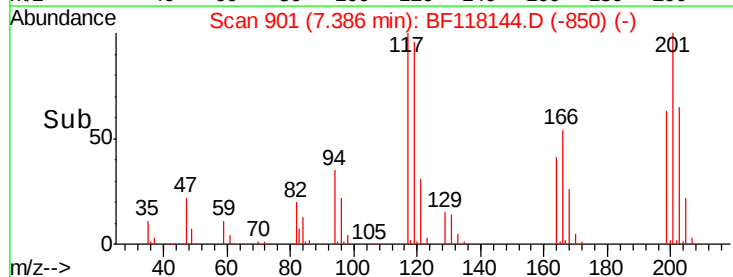


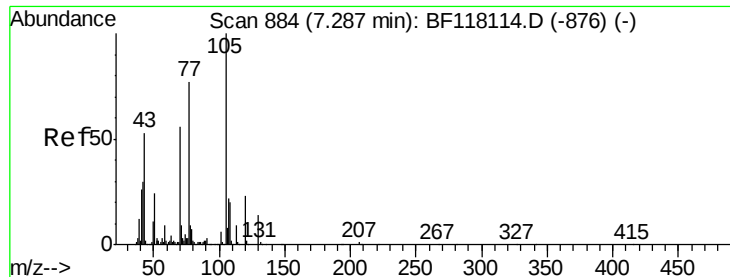
Abundance

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: 39.785 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	261890
Ion	Ratio	Lower	Upper
70	100		
42	52.3	43.2	64.8
101	10.7	8.1	12.1
130	25.9	19.8	29.8

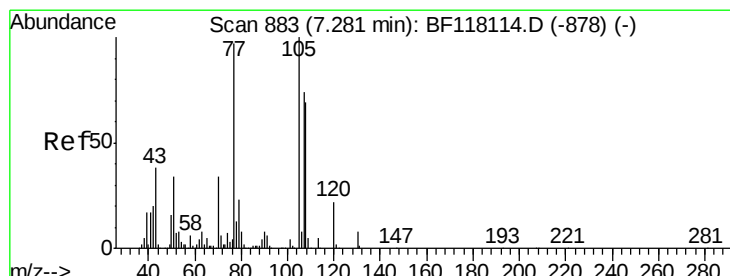
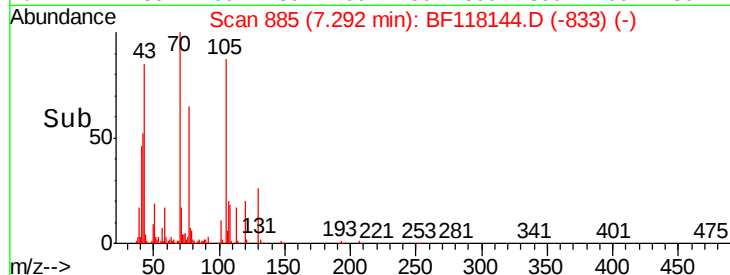
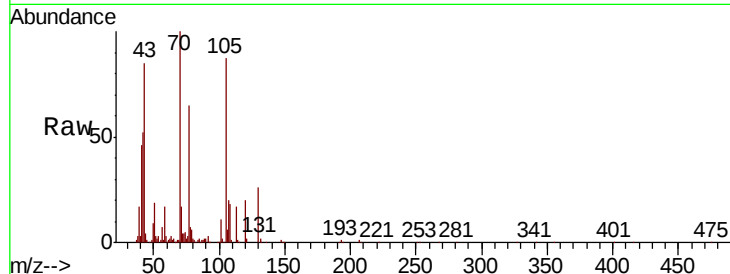
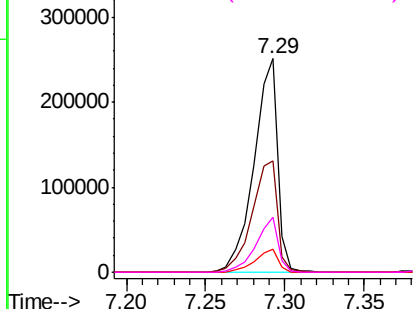
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.347 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:	107	Resp:	407065
Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.2	113.2
77	108.6	110.9	150.9#
79	29.6	11.5	51.5

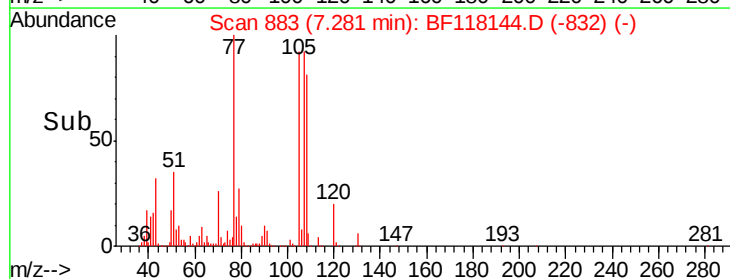
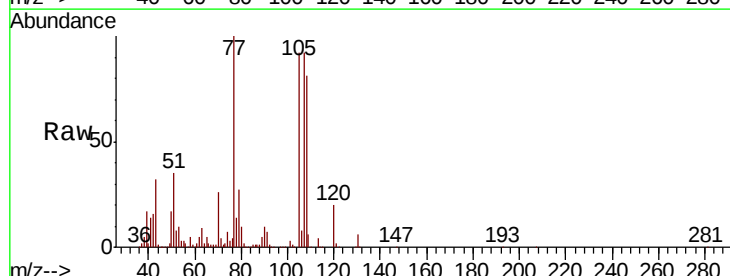
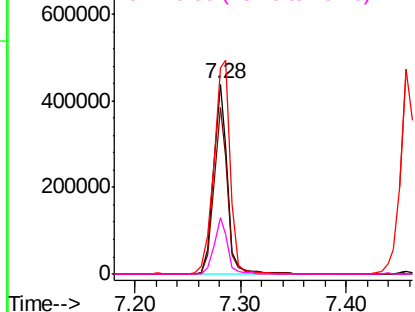
Abundance

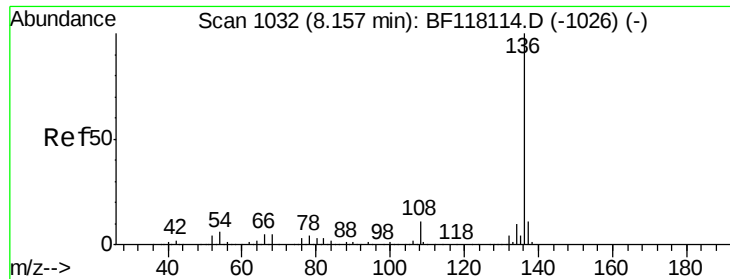
Ion 107.00 (106.70 to 107.70): E

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

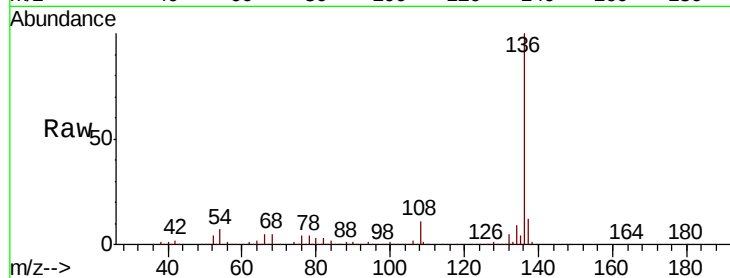




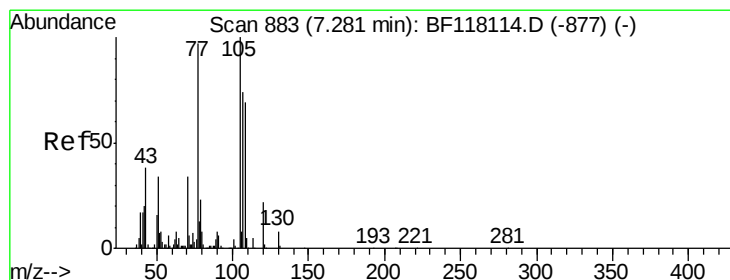
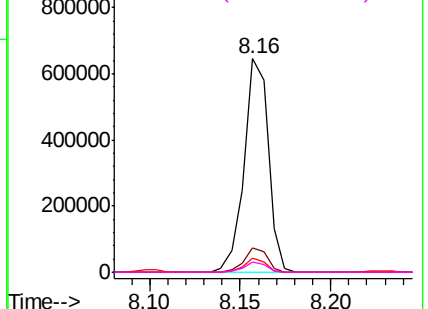
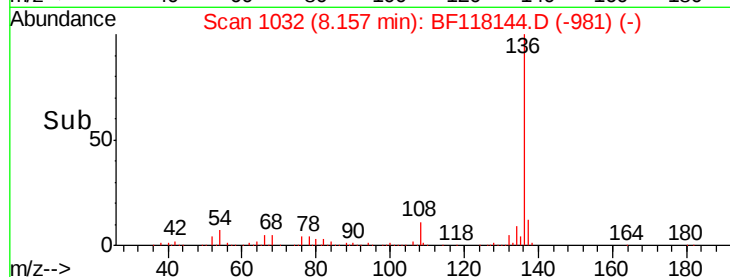
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 598071
Ion Ratio	Lower Upper
136 100	
137 11.6	9.0 13.6
54 6.6	5.0 7.6
68 4.9	3.8 5.8

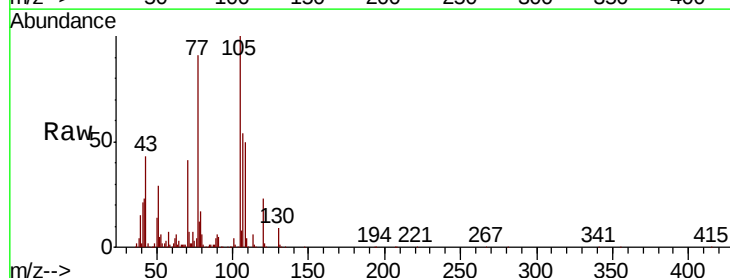


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

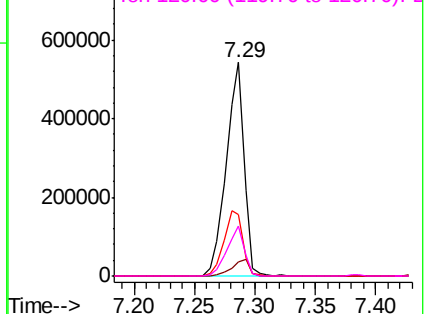
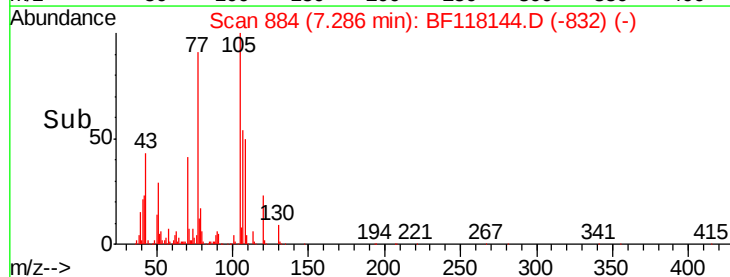


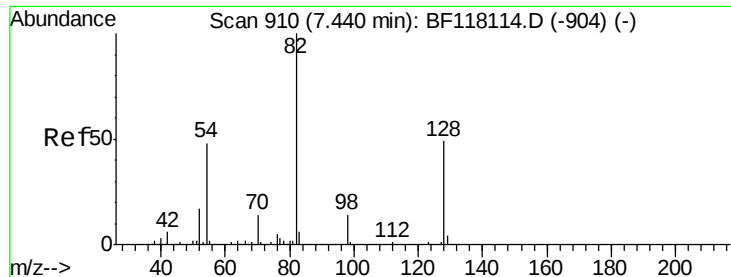
#22
Acetophenone
Concen: 38.790 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:105	Resp: 557352
Ion Ratio	Lower Upper
105 100	
71 6.8	4.7 7.1
51 28.8	27.1 40.7
120 23.2	17.8 26.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.670 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampled :

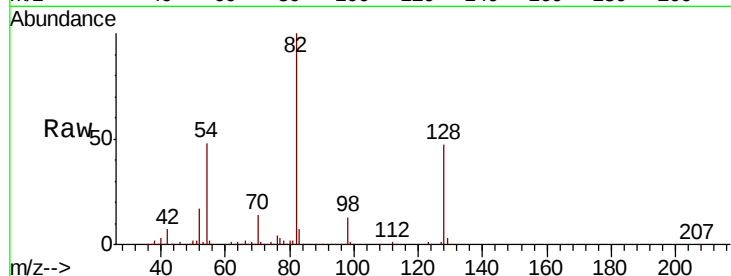
Tot Ion: 82 Resp: 825703

Ion Ratio Lower Upper

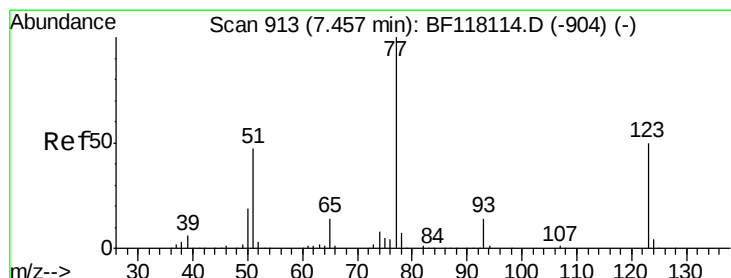
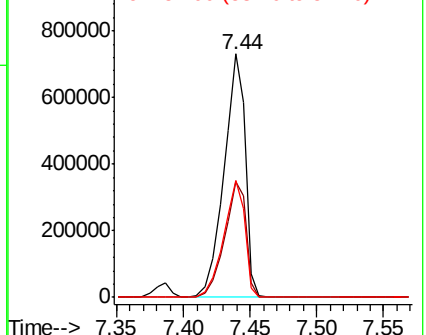
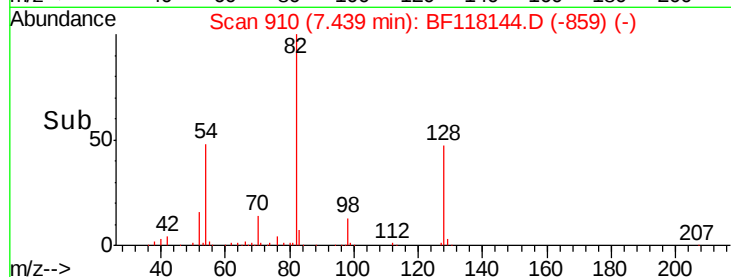
82 100

128 47.4 39.1 58.7

54 47.8 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: 38.941 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

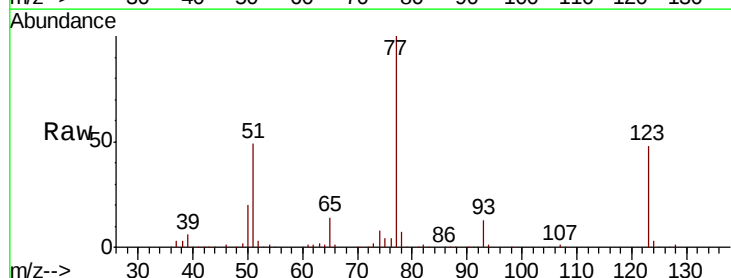
Tgt Ion: 77 Resp: 406732

Ion Ratio Lower Upper

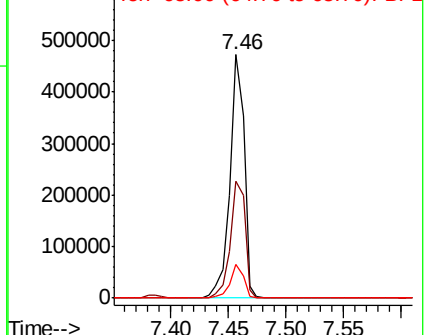
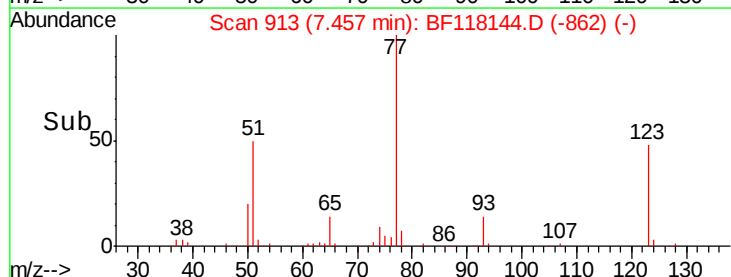
77 100

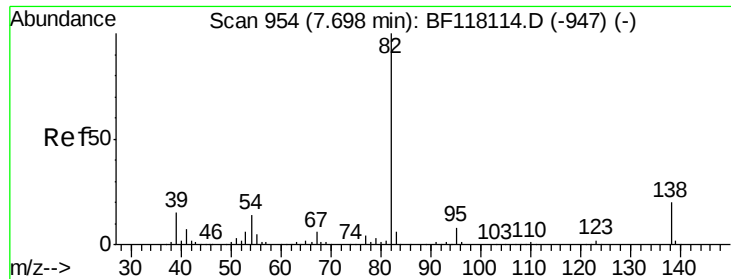
123 48.0 40.1 60.1

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: 38.410 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampleId :

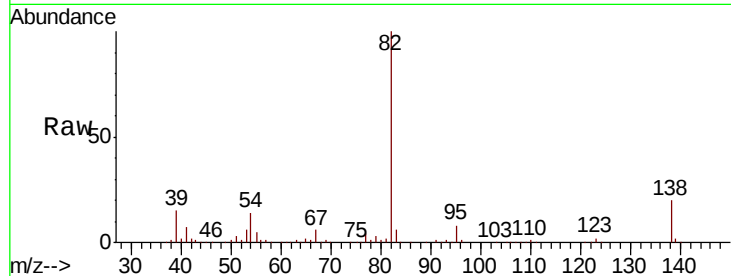
Tot Ion: 82 Resp: 692213

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

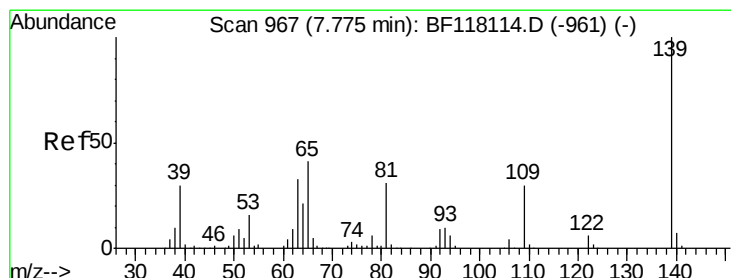
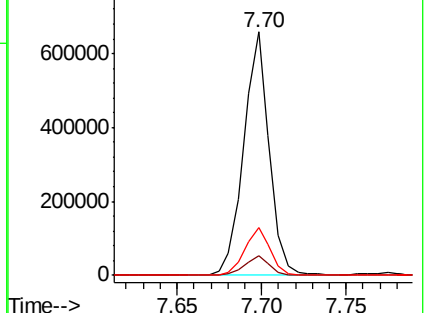
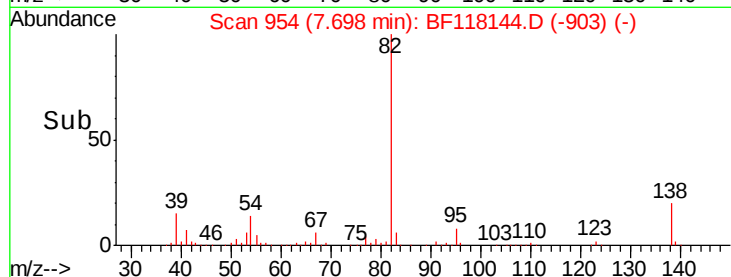
138 19.6 16.3 24.5



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: 39.248 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

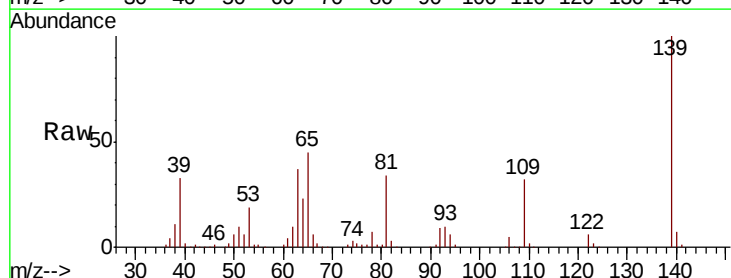
Tgt Ion: 139 Resp: 219104

Ion Ratio Lower Upper

139 100

109 31.6 23.9 35.9

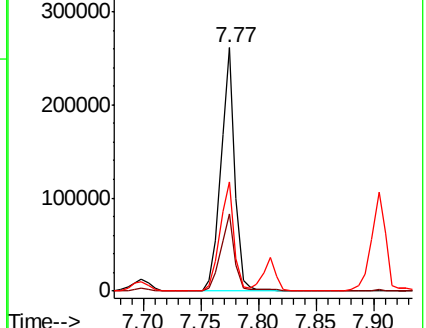
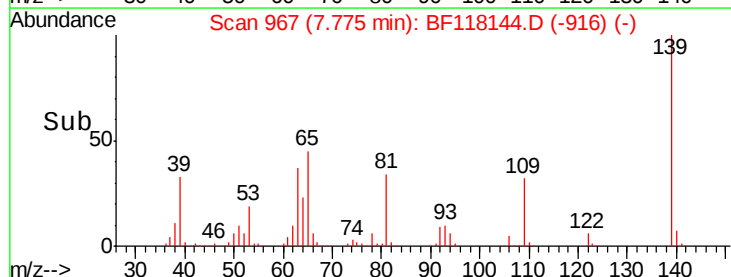
65 44.7 33.0 49.6

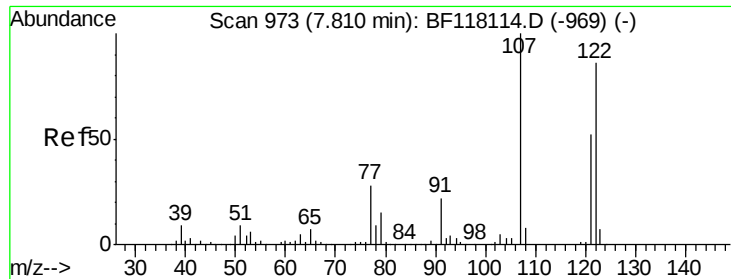


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.060 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampled :

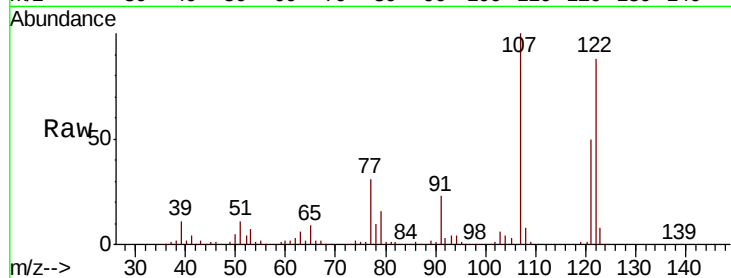
Tot Ion:122 Resp: 290861

Ion Ratio Lower Upper

122 100

107 114.2 92.9 139.3

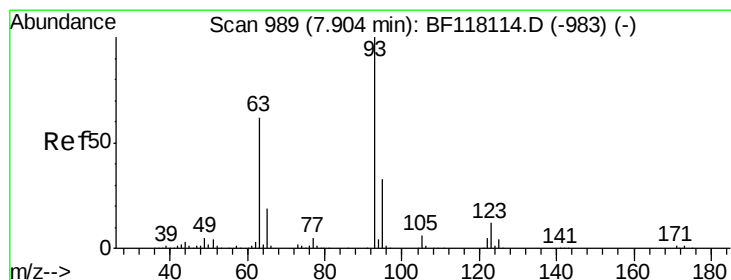
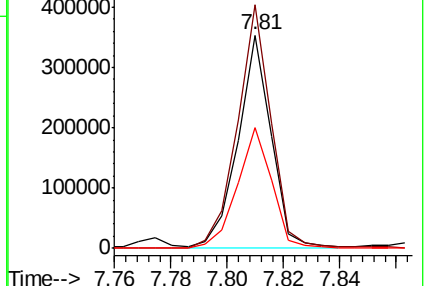
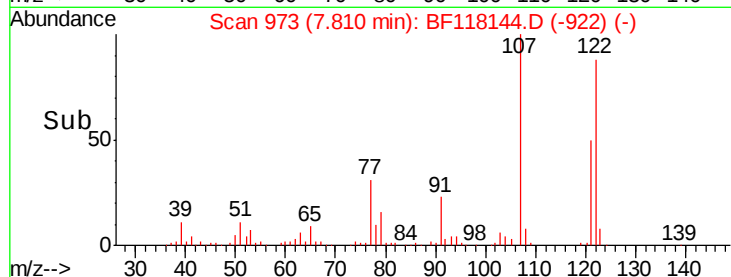
121 56.9 48.3 72.5



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: 38.729 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

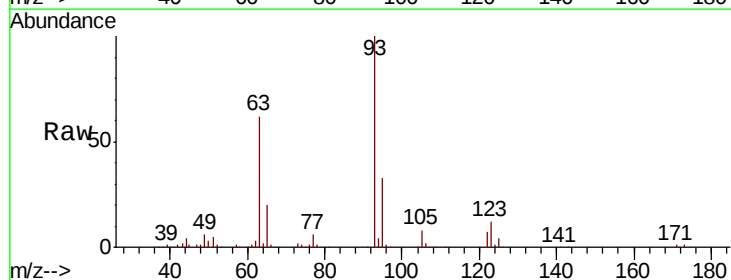
Tgt Ion: 93 Resp: 456074

Ion Ratio Lower Upper

93 100

95 32.6 26.7 40.1

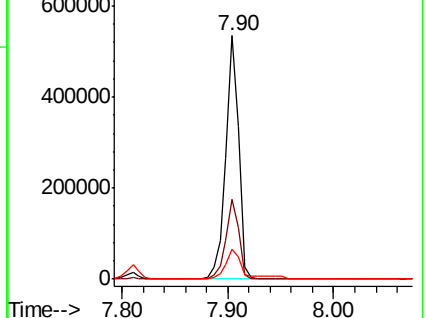
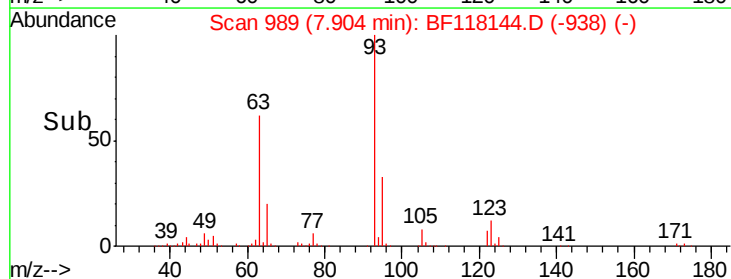
123 12.4 10.0 15.0

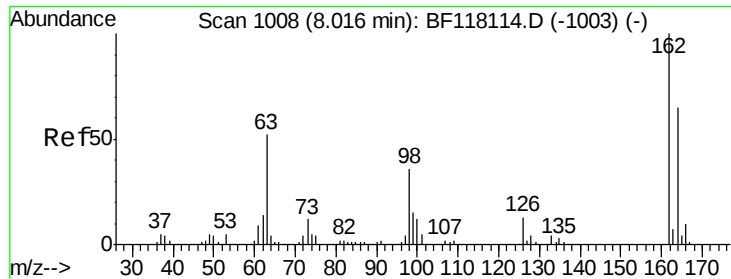


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

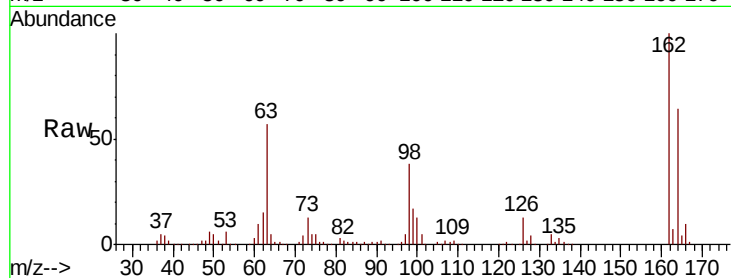




#29
 2,4-Dichlorophenol
 Concen: 39.247 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.2	85.2
98	38.4	15.9	55.9

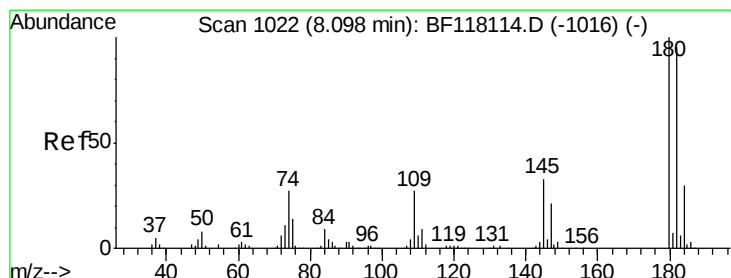
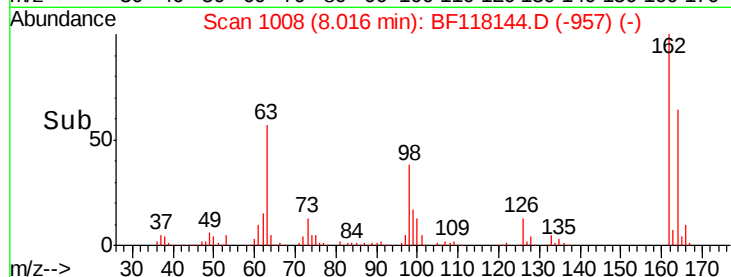
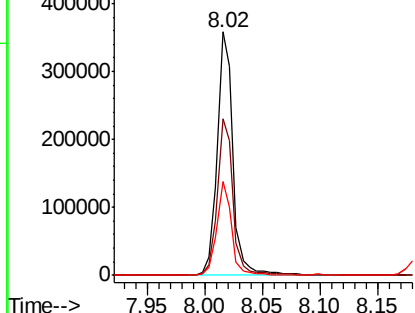


Abundance

Ion 162.00 (161.70 to 162.70): E

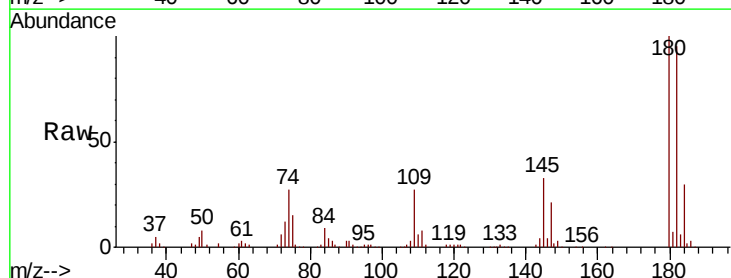
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.411 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	33.3	26.1	39.1

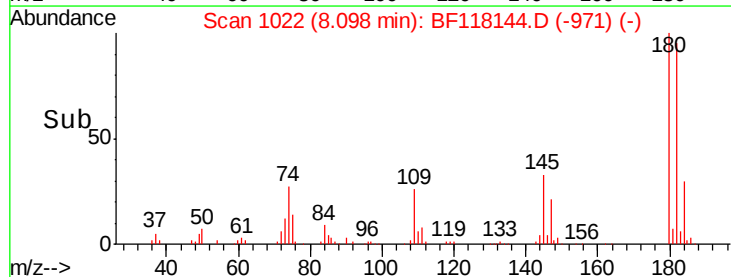
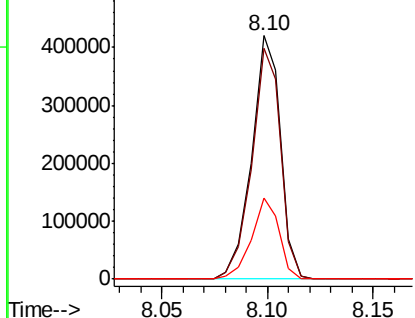


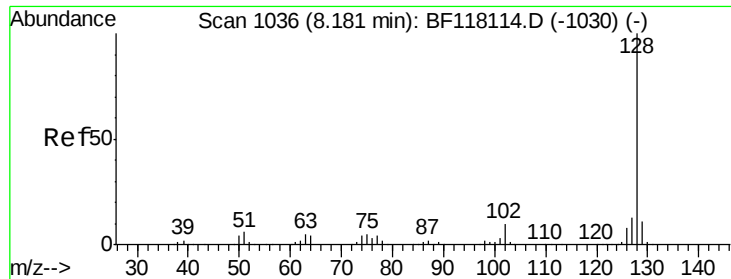
Abundance

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

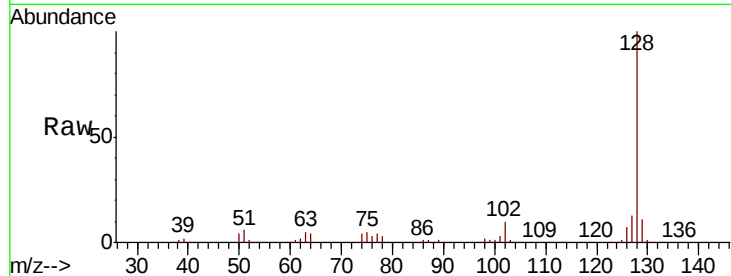




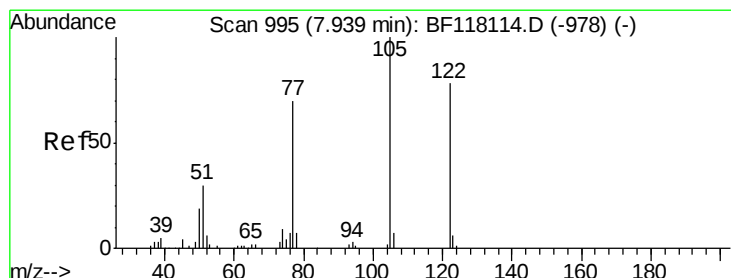
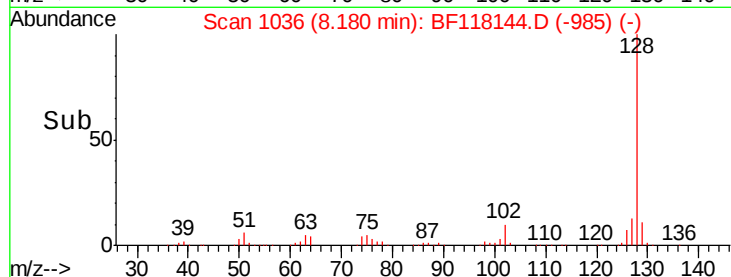
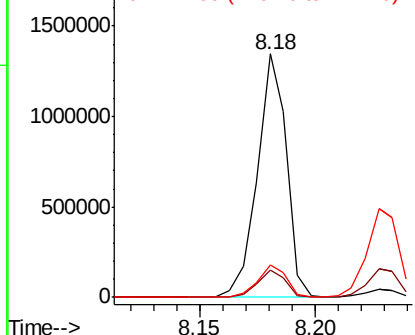
#31
Naphthalene
Concen: 39.479 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1185822
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 16.0

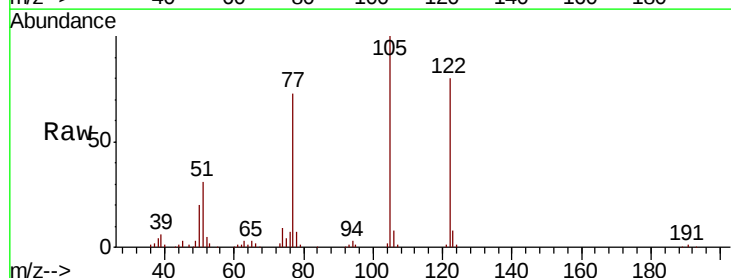


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

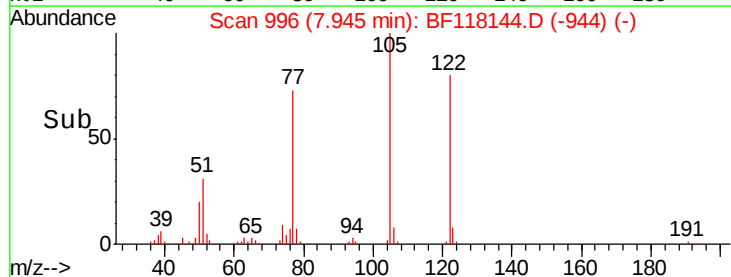
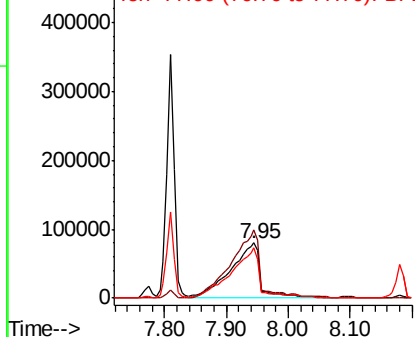


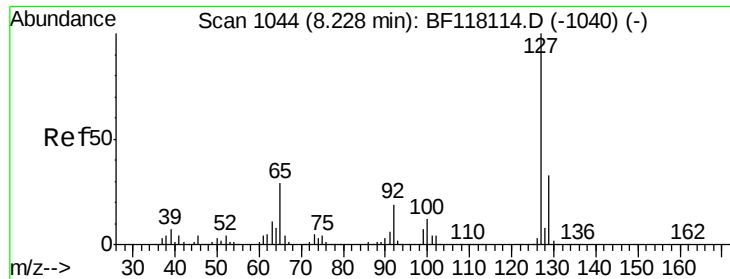
#32
Benzoic acid
Concen: 40.100 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:122 Resp: 269612
Ion Ratio Lower Upper
122 100
105 124.2 104.7 144.7
77 91.2 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

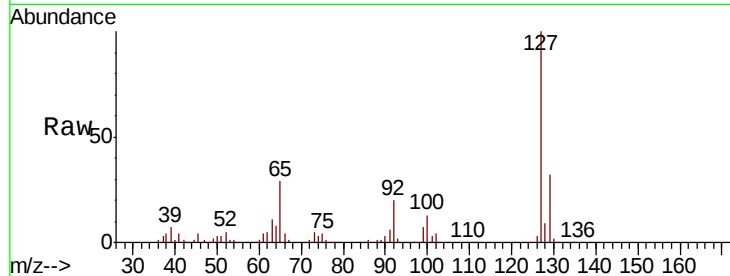




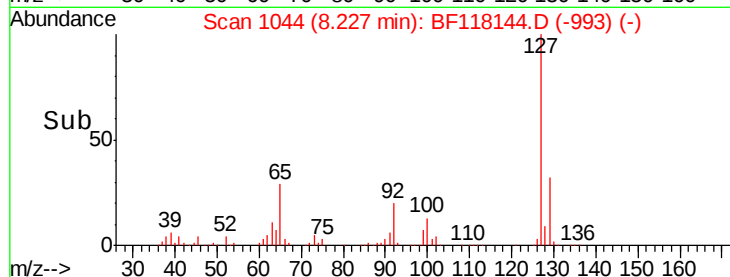
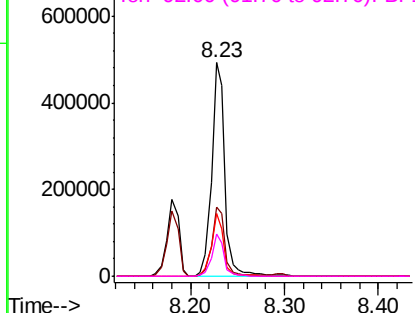
#33
4-Chloroaniline
Concen: 37.892 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	491434
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	29.1	23.2	34.8
92	20.0	15.4	23.0

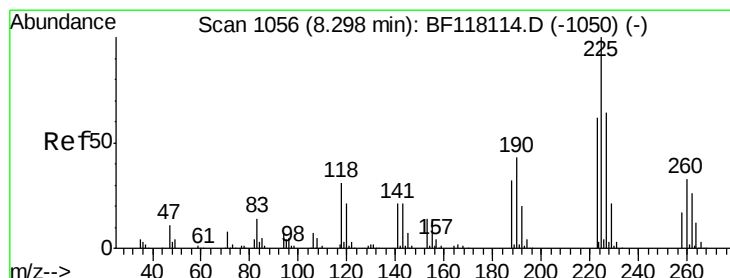


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

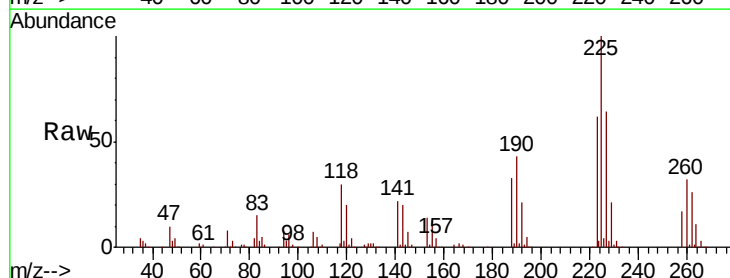
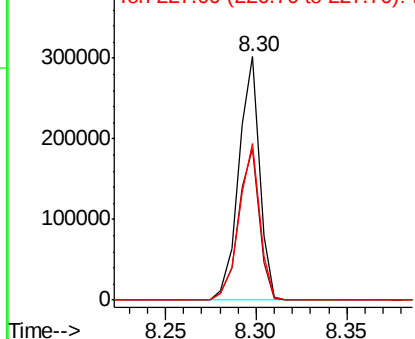


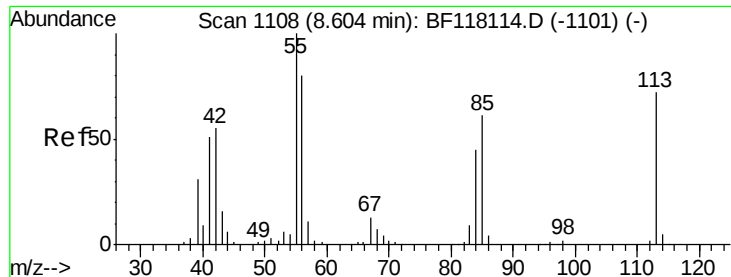
#34
Hexachlorobutadiene
Concen: 39.579 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:	225	Resp:	240778
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.6	74.4
227	64.3	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

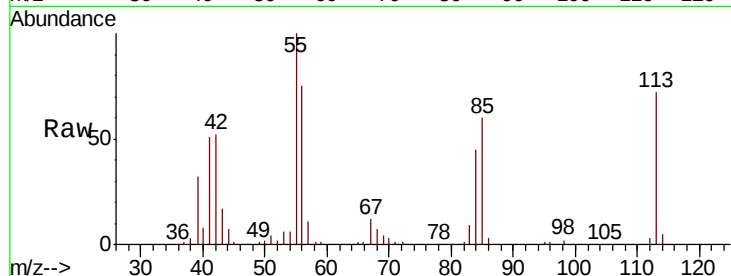




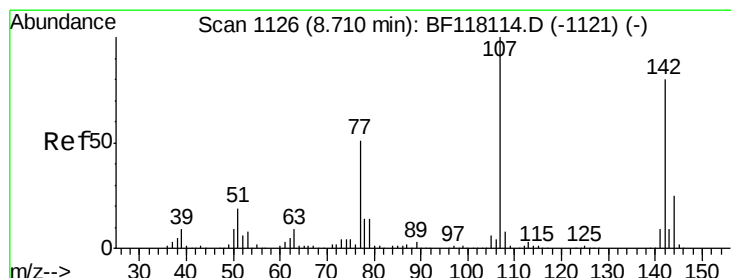
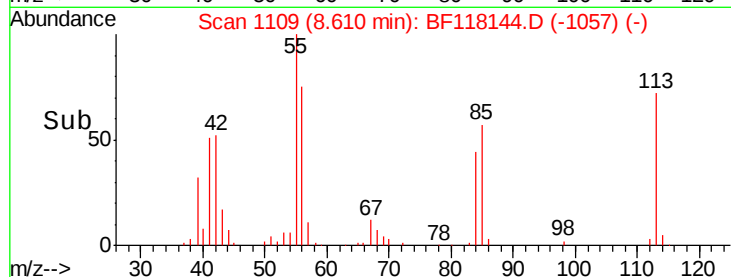
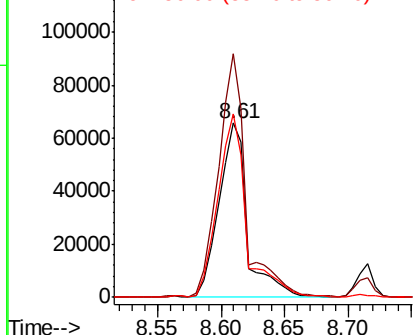
#35
Caprolactam
Concen: 38.080 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 101945
Ion Ratio Lower Upper
113 100
55 139.6 118.9 158.9
56 105.1 91.4 131.4

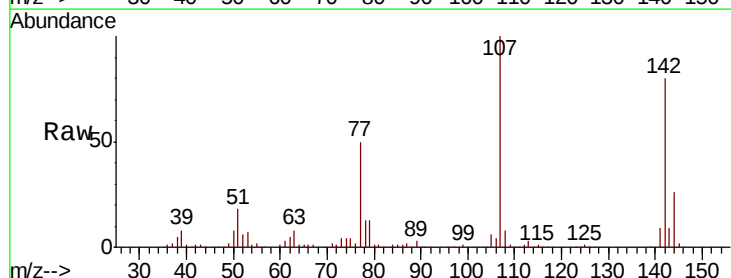


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

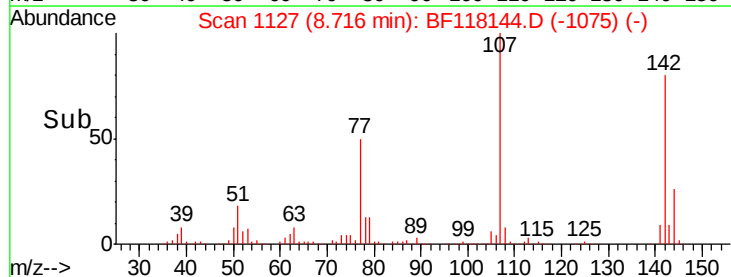
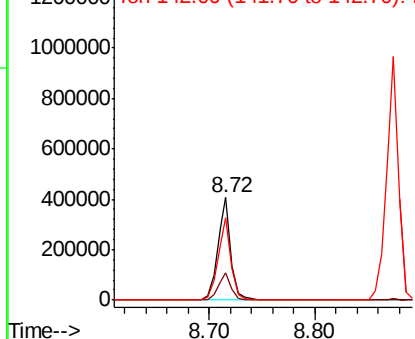


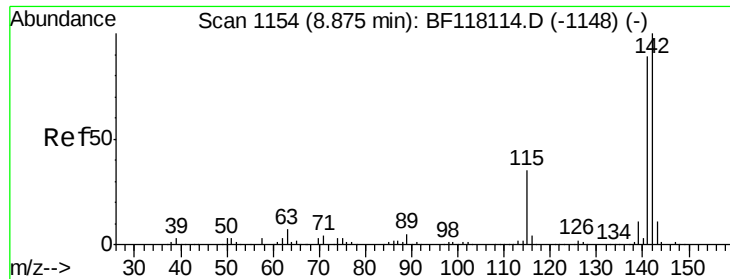
#36
4-Chloro-3-methylphenol
Concen: 38.387 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:107 Resp: 350684
Ion Ratio Lower Upper
107 100
144 26.4 20.3 30.5
142 80.0 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

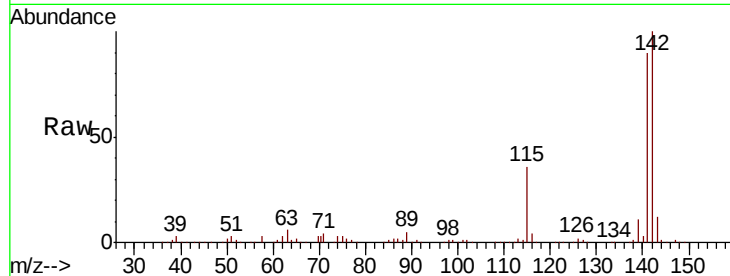




#37
2-Methylnaphthalene
Concen: 38.923 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	36.1	28.2	42.4

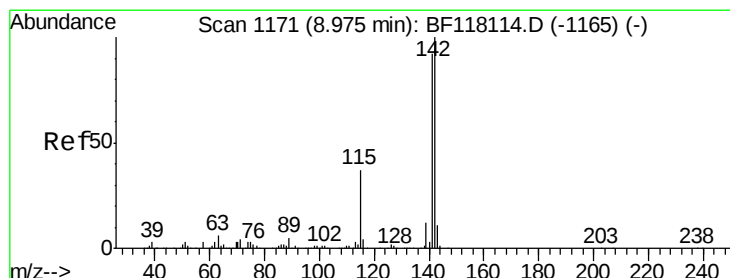
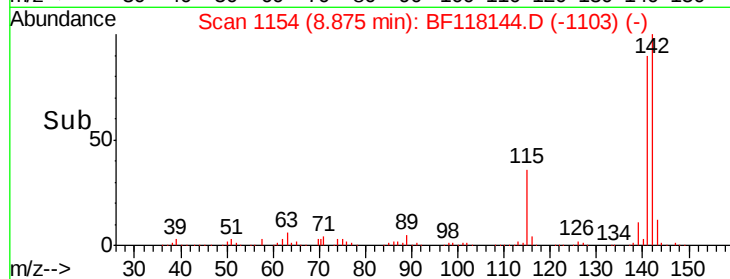
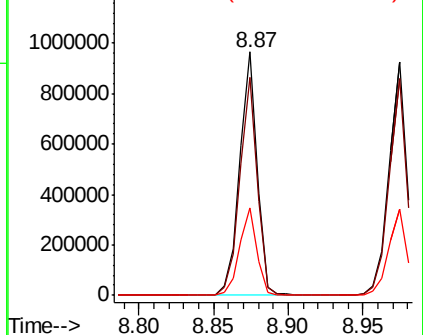


Abundance

Ion 142.00 (141.70 to 142.70): E

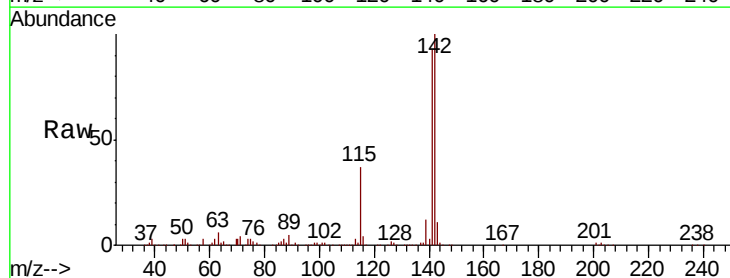
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.327 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.0	111.0
116	3.7	3.2	4.8

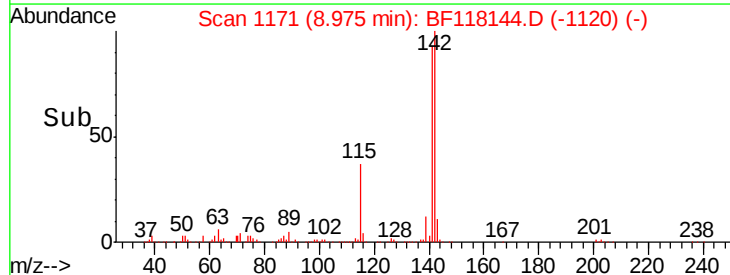
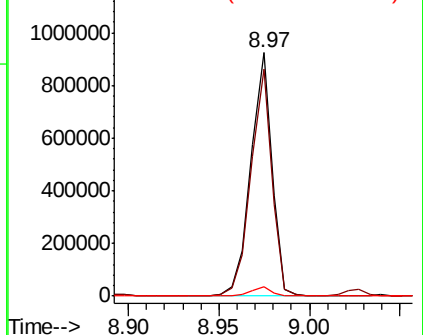


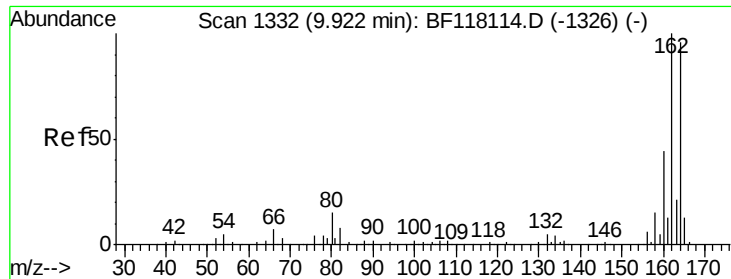
Abundance

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

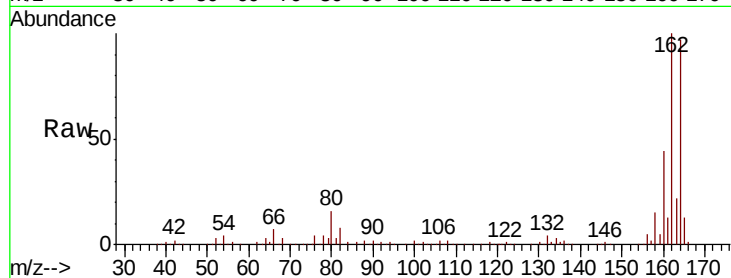




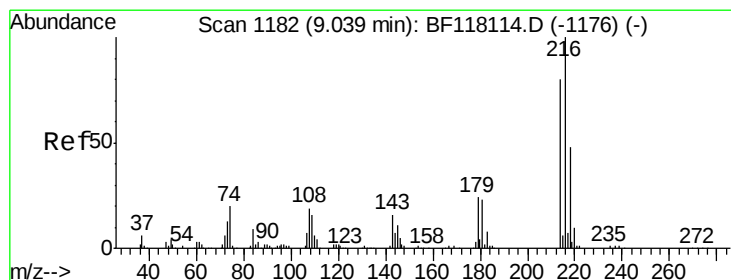
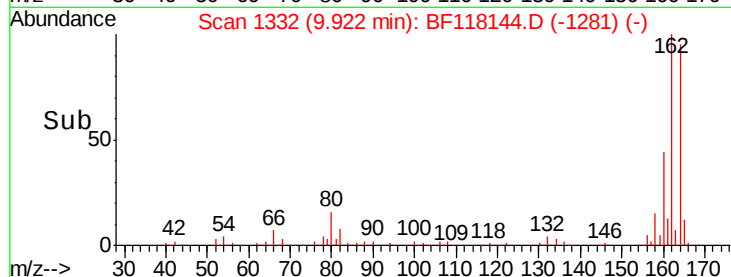
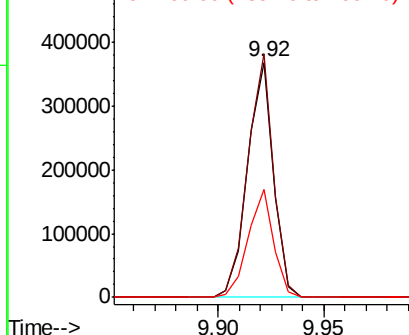
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 313849
Ion Ratio Lower Upper
164 100
162 103.6 83.4 125.0
160 45.9 36.6 54.8

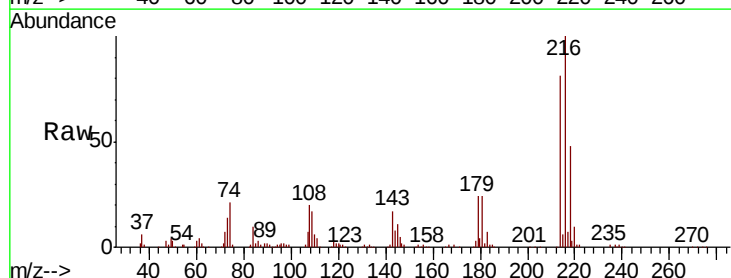


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

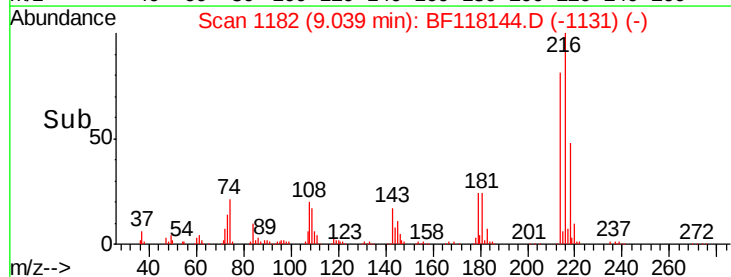
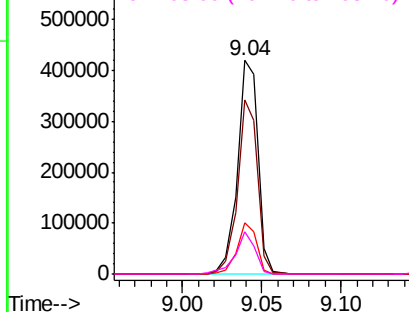


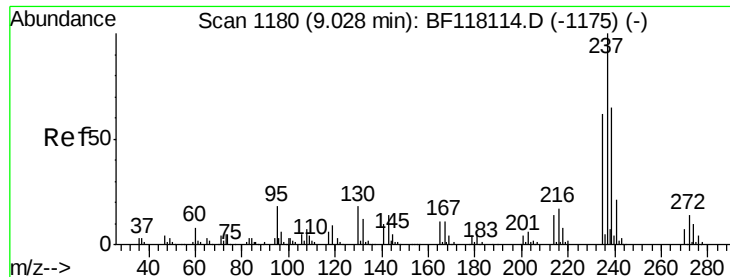
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.379 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:216 Resp: 374402
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 23.0 18.6 27.8
108 19.2 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: 38.045 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampleId :

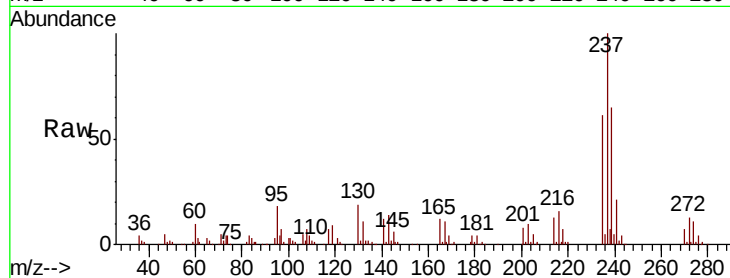
Tot Ion:237 Resp: 162065

Ion Ratio Lower Upper

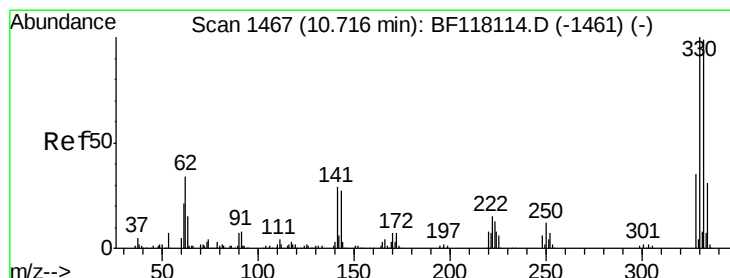
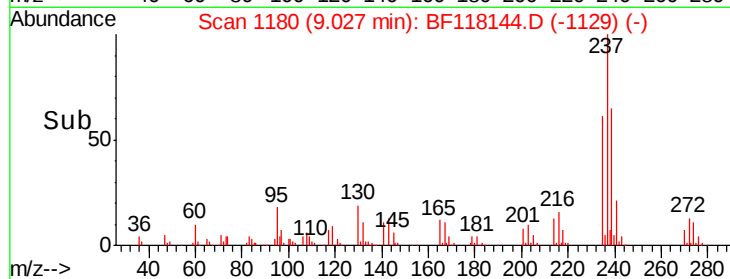
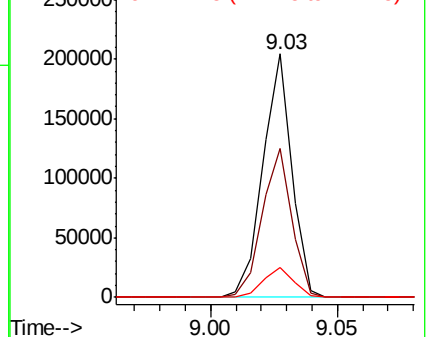
237 100

235 61.4 41.5 81.5

272 12.5 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: 77.828 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

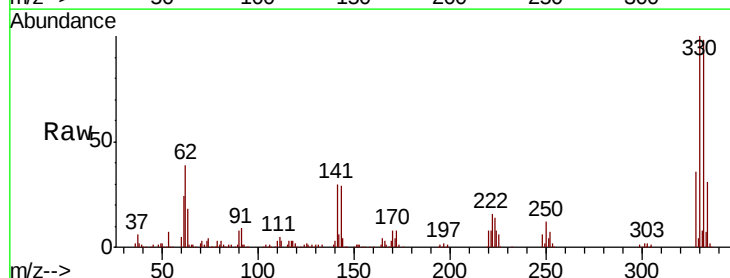
Tgt Ion:330 Resp: 296734

Ion Ratio Lower Upper

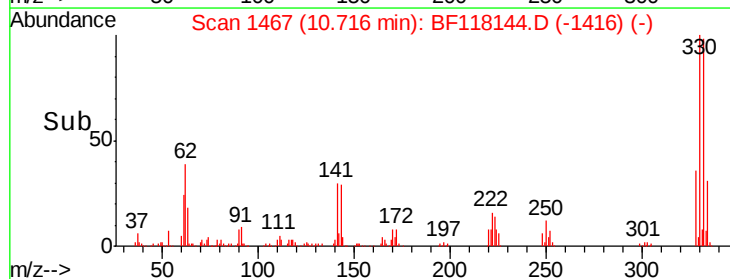
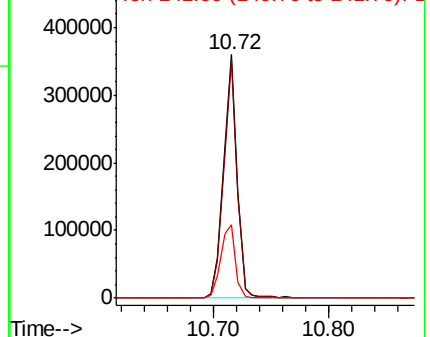
330 100

332 97.1 78.1 117.1

141 32.4 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

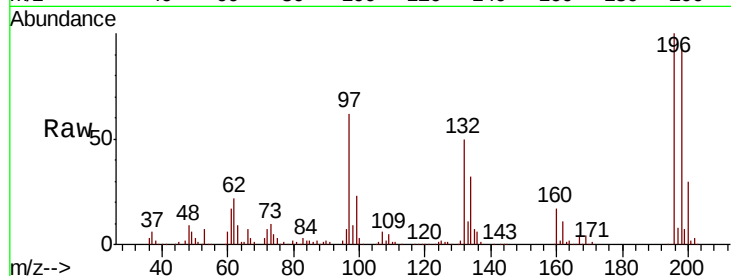




#43
 2,4,6-Trichlorophenol
 Concen: 39.361 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	249865
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.0	112.4
200	30.1	24.5	36.7

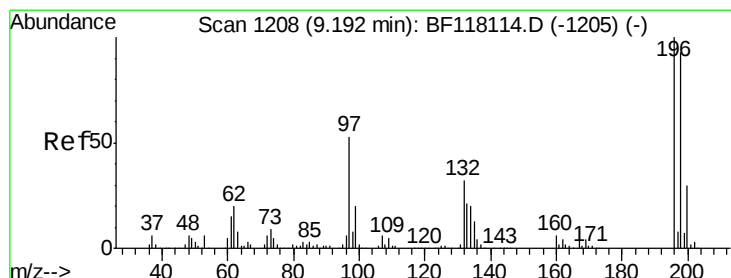
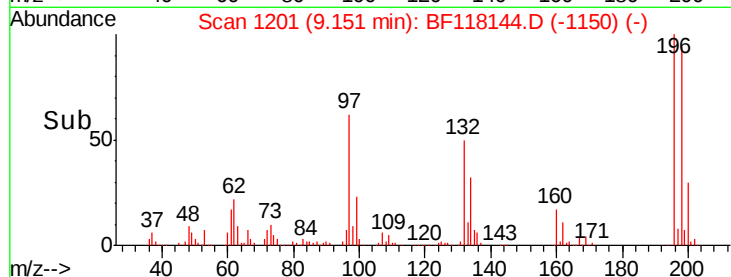
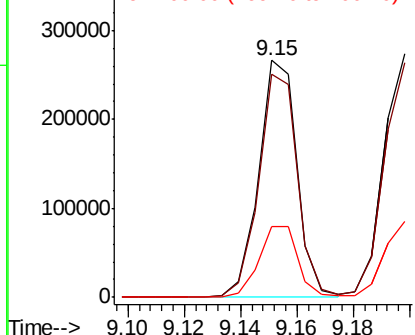


Abundance

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: 38.877 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion	196	Resp	255688
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.2	111.4
97	48.7	42.5	63.7
132	29.0	25.4	38.2

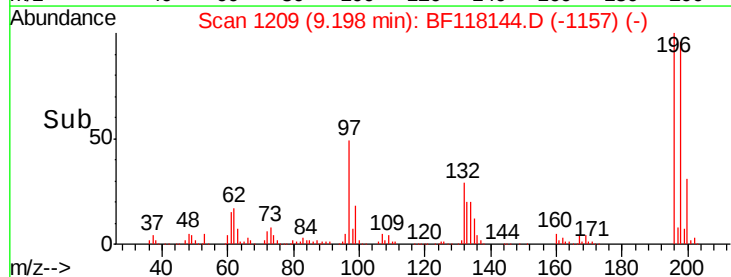
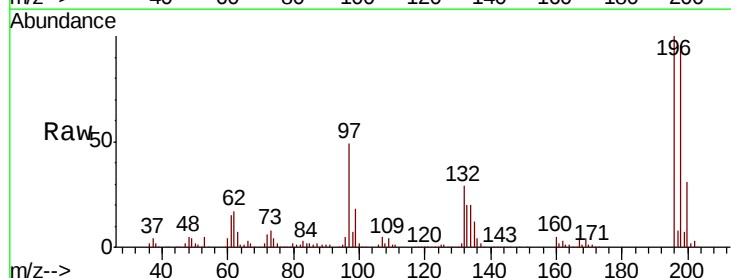
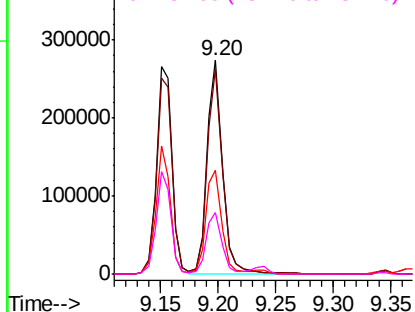
Abundance

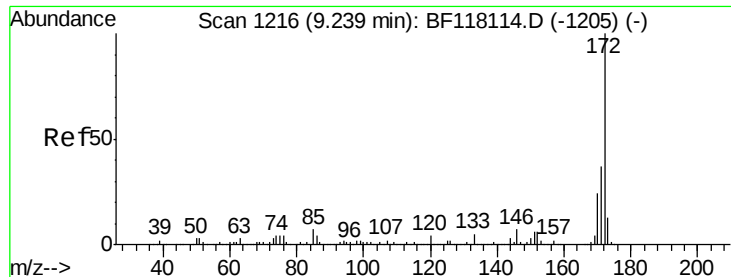
Ion 196.00 (195.70 to 196.70): E

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

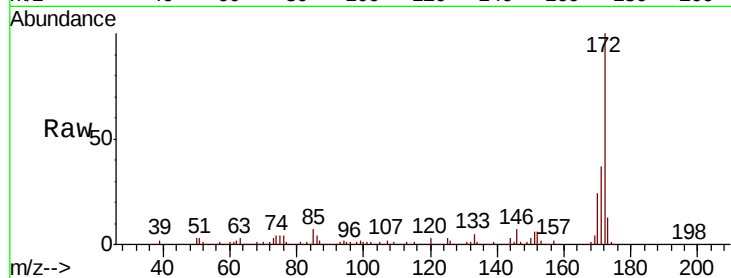




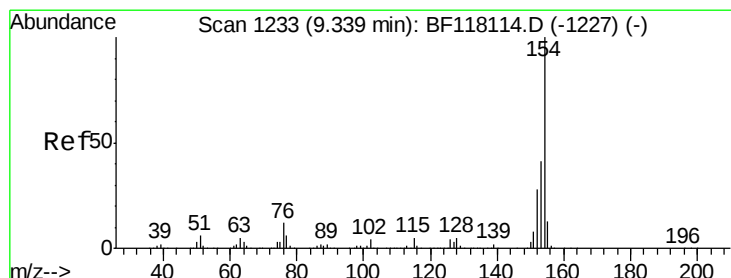
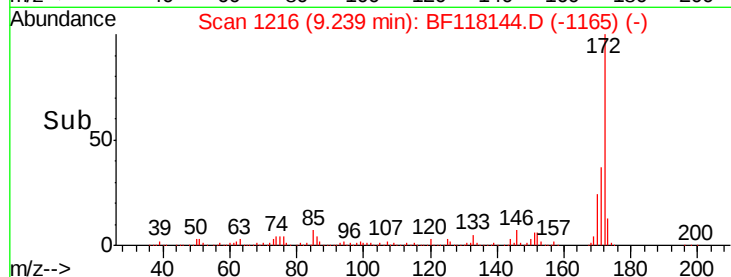
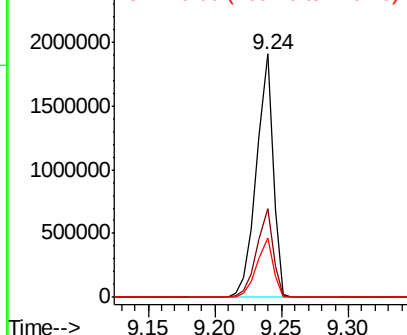
#45
2-Fluorobiphenyl
Concen: 78.818 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1625673
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 19.4 29.2

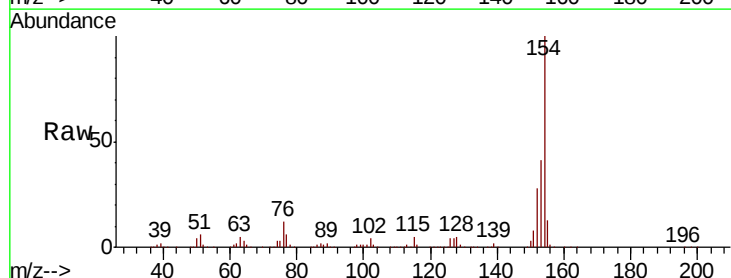


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

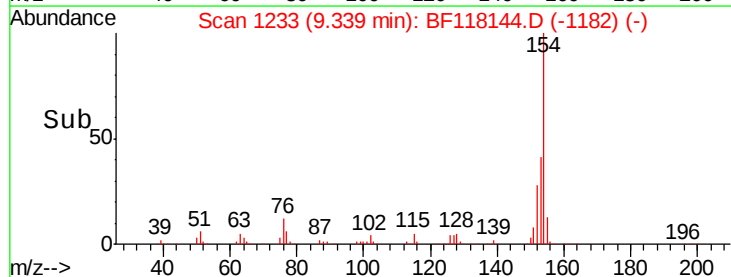
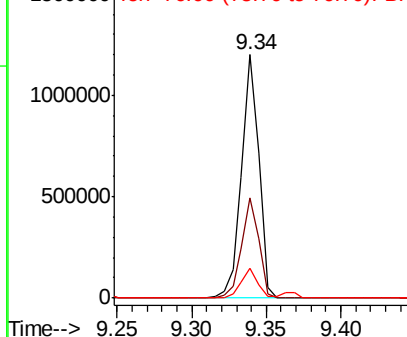


#46
1,1'-Biphenyl
Concen: 39.342 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:154 Resp: 973834
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 12.0 0.0 31.9



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

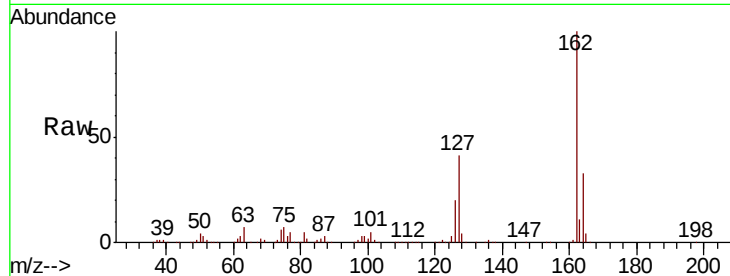




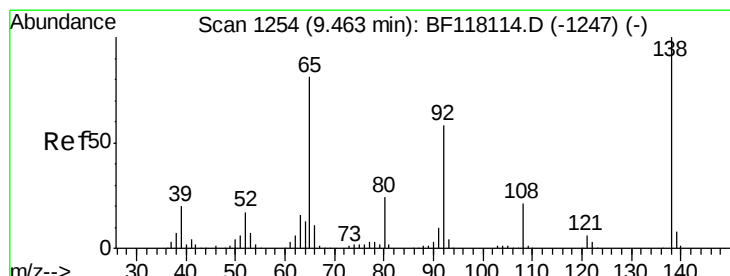
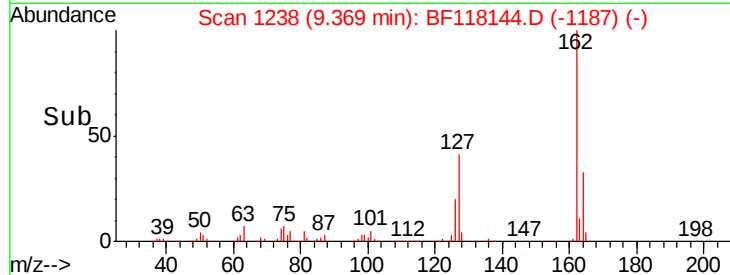
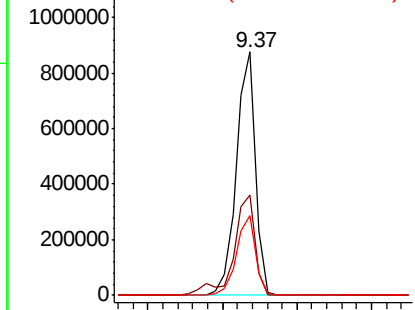
#47
 2-Chloronaphthalene
 Concen: 39.499 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	786487
Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.0	48.0
164	32.8	26.1	39.1

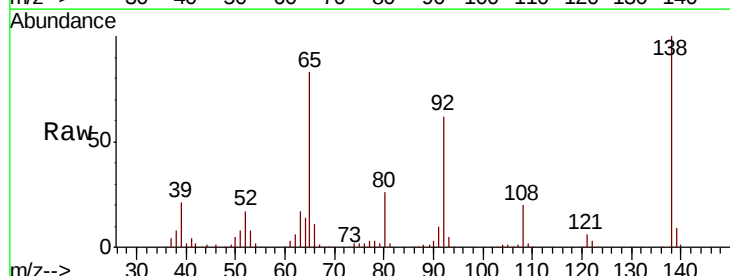


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

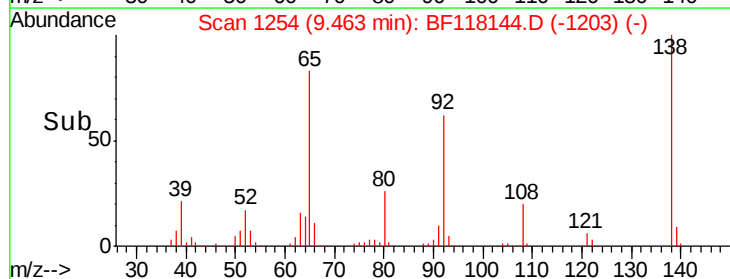
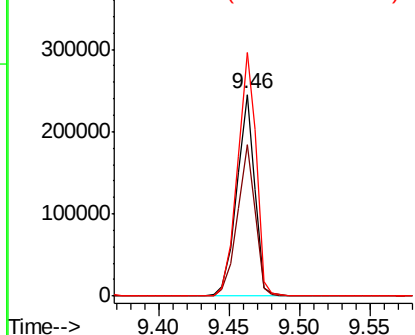


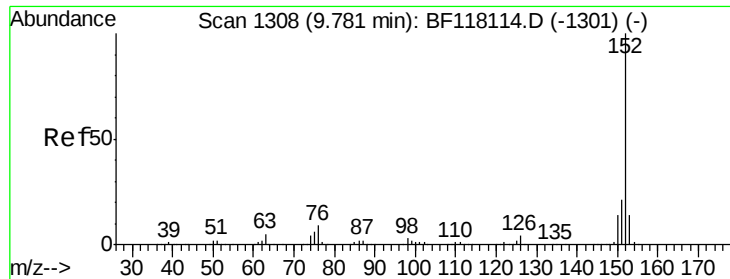
#48
 2-Nitroaniline
 Concen: 38.232 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion:	65	Resp:	217088
Ion	Ratio	Lower	Upper
65	100		
92	75.1	57.8	86.6
138	120.8	98.8	148.2



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





#49

Acenaphthylene

Concen: 39.093 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampleId :

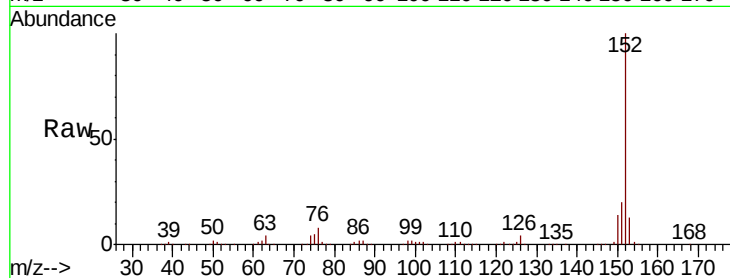
Tot Ion:152 Resp: 1148097

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

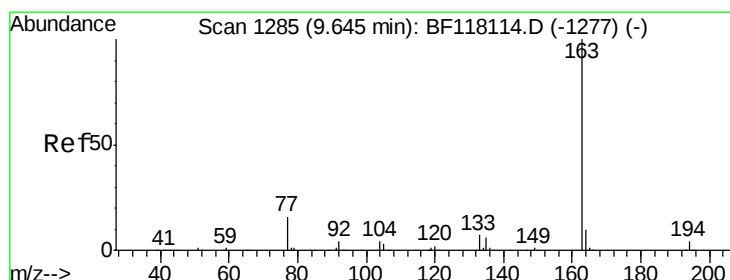
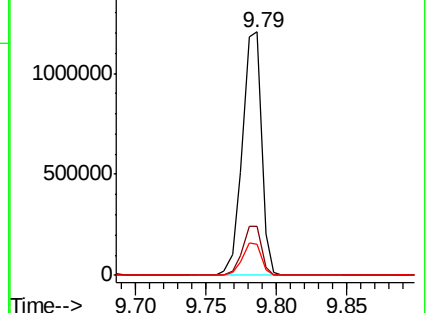
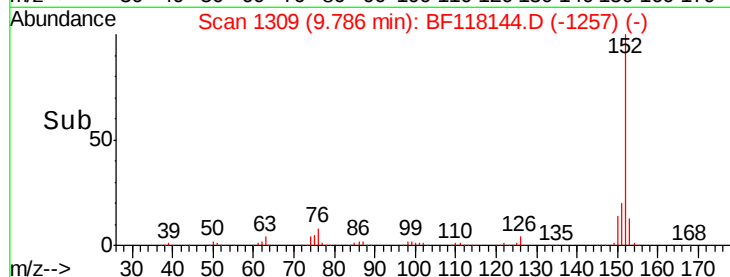
153 12.9 10.8 16.2



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: 38.854 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

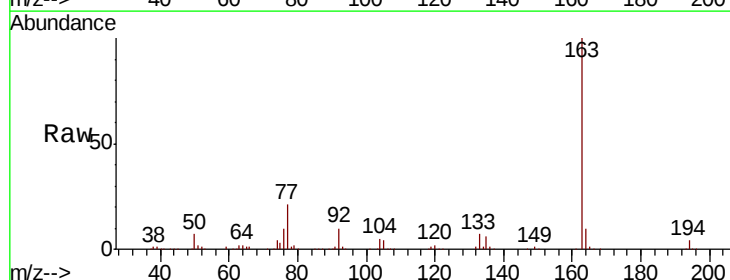
Tgt Ion:163 Resp: 900712

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

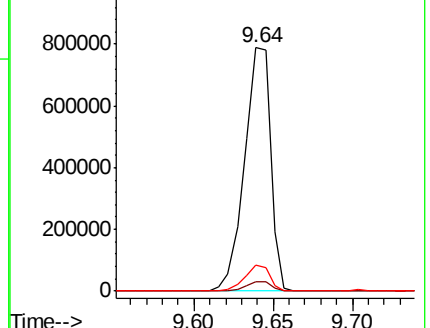
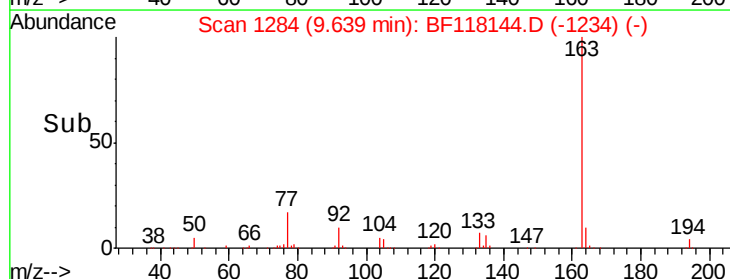
164 10.5 7.7 11.5

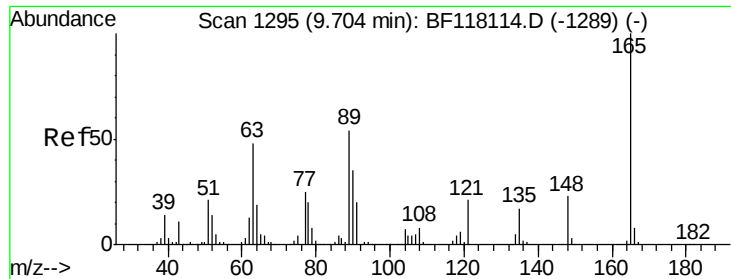


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

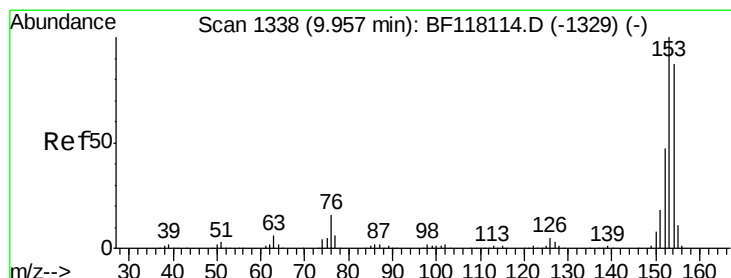
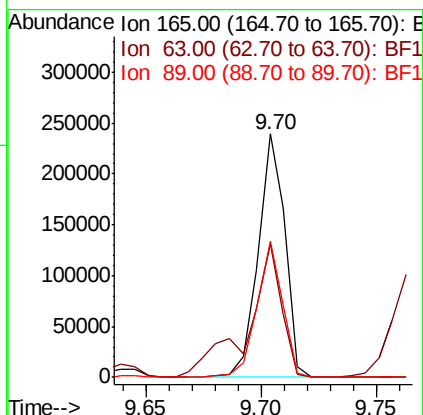
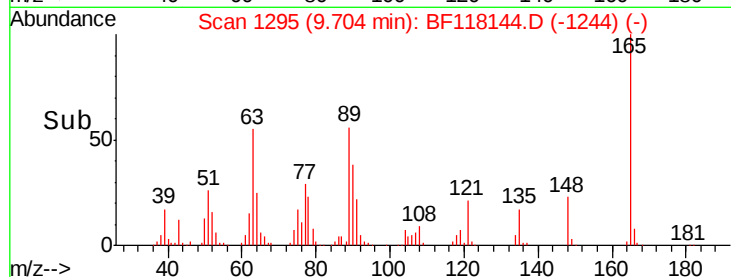
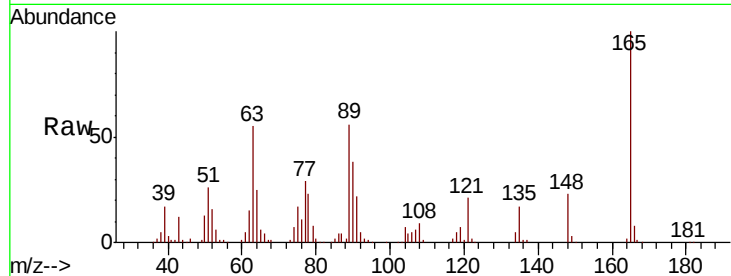




#51
 2,6-Dinitrotoluene
 Concen: 38.302 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

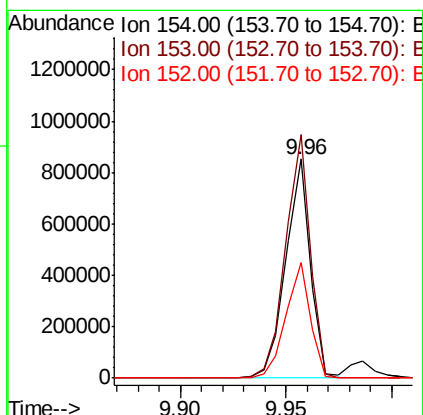
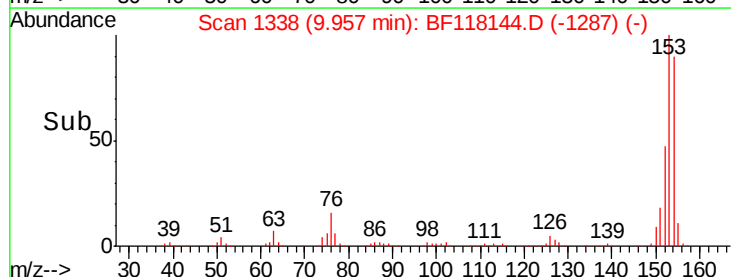
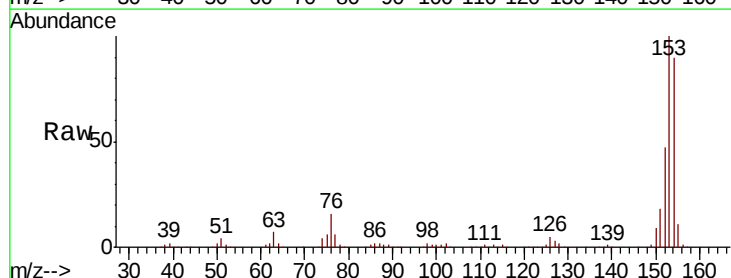
Instrument :
 BNA_F
 ClientSampled :

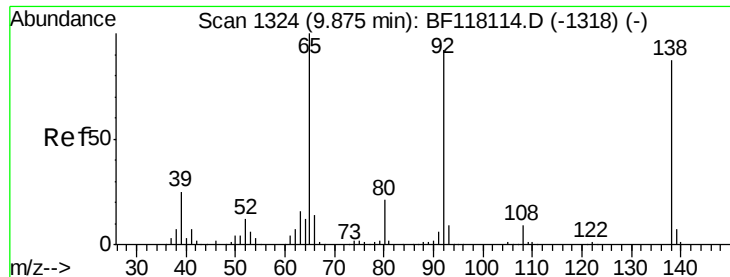
Tot Ion:165 Resp: 193074
 Ion Ratio Lower Upper
 165 100
 63 54.7 41.4 62.0
 89 56.0 42.9 64.3



#52
 Acenaphthene
 Concen: 38.832 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion:154 Resp: 696072
 Ion Ratio Lower Upper
 154 100
 153 111.1 91.8 137.6
 152 52.5 43.3 64.9

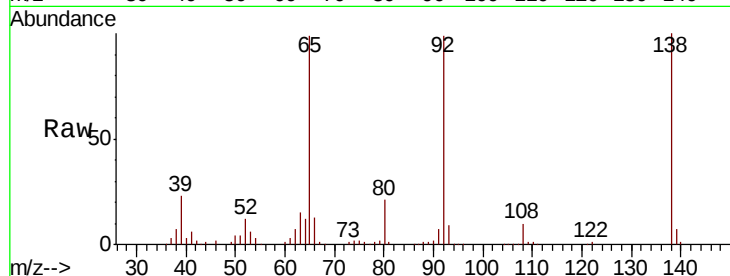




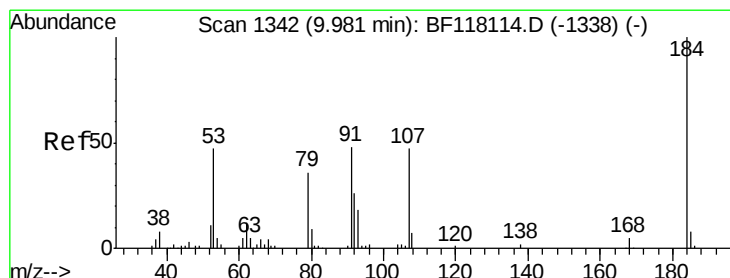
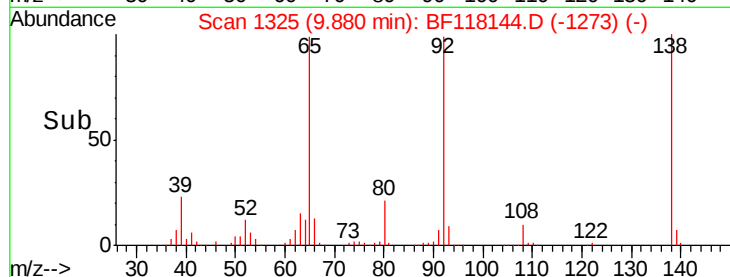
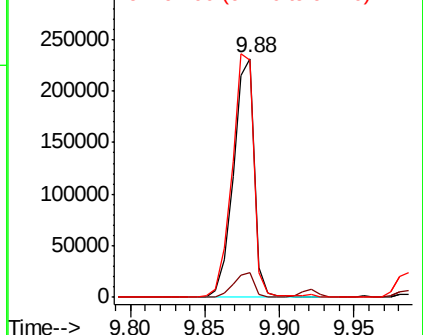
#53
3-Nitroaniline
Concen: 38.452 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 228106
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 99.2 84.9 127.3

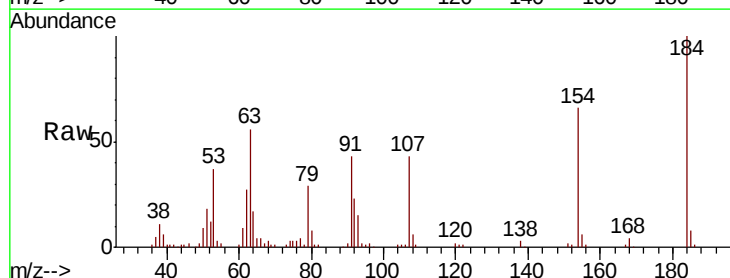


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

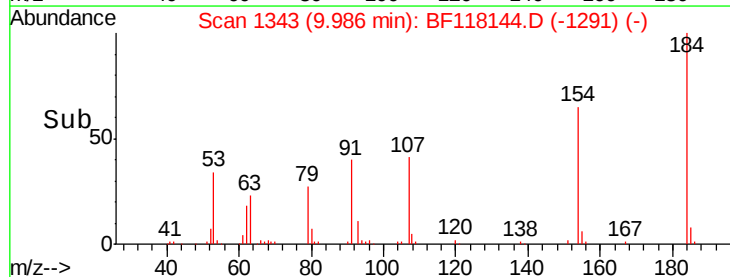
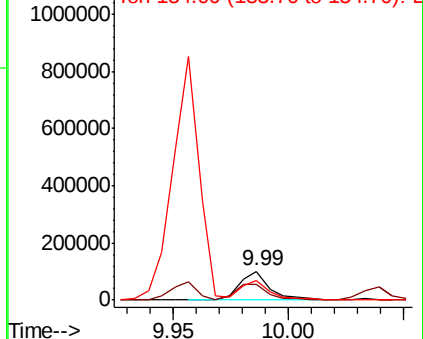


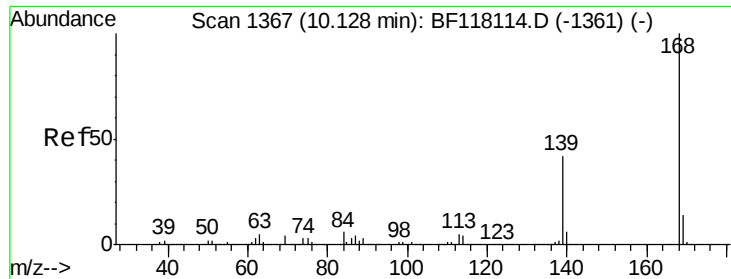
#54
2,4-Dinitrophenol
Concen: 36.900 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:184 Resp: 92542
Ion Ratio Lower Upper
184 100
63 55.5 53.9 80.9
154 65.6 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

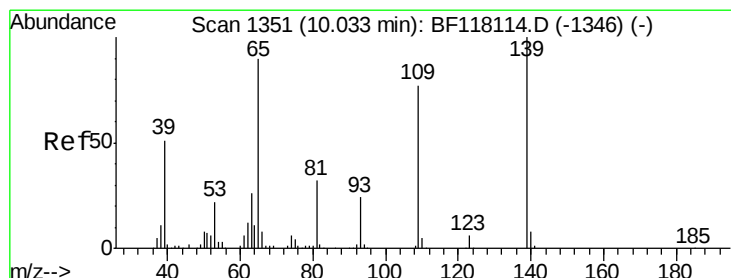
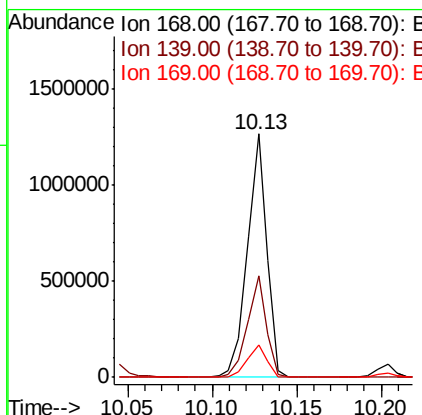
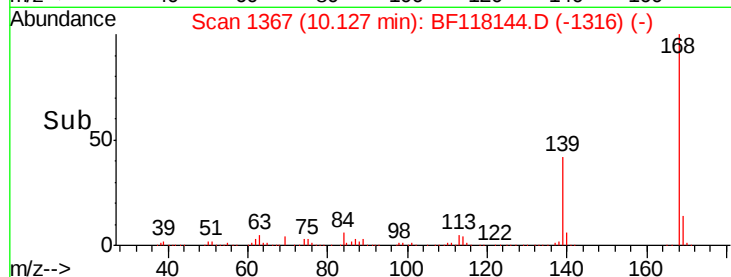
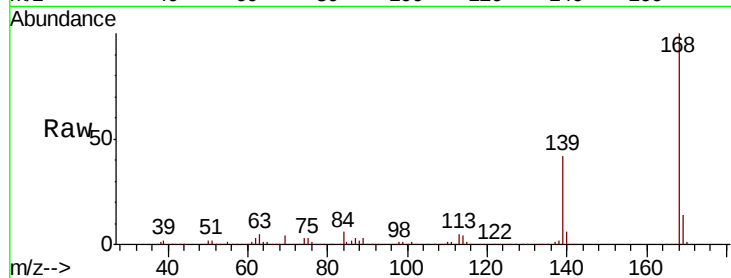




#55
Dibenzenofuran
Concen: 39.002 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

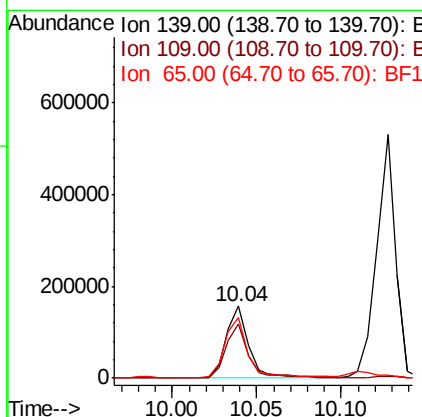
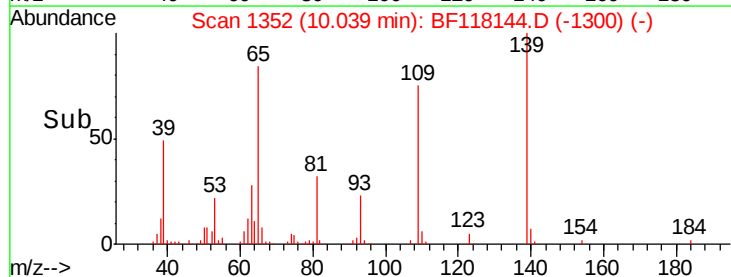
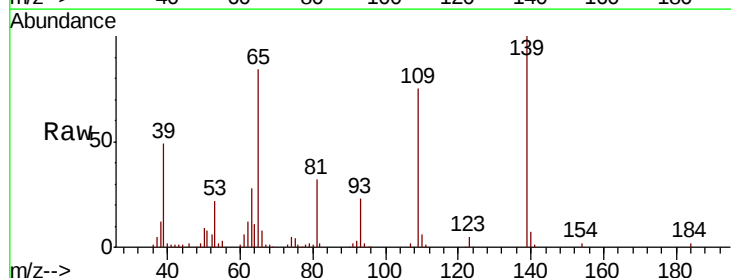
Instrument :
BNA_F
ClientSampleId :

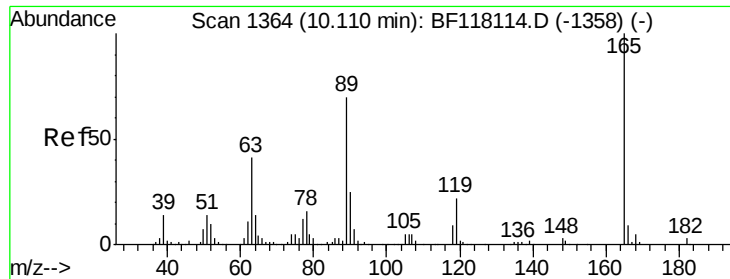
Tot Ion:168 Resp: 1024412
Ion Ratio Lower Upper
168 100
139 41.9 33.4 50.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 36.221 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:139 Resp: 149118
Ion Ratio Lower Upper
139 100
109 74.9 57.3 97.3
65 84.1 70.2 110.2

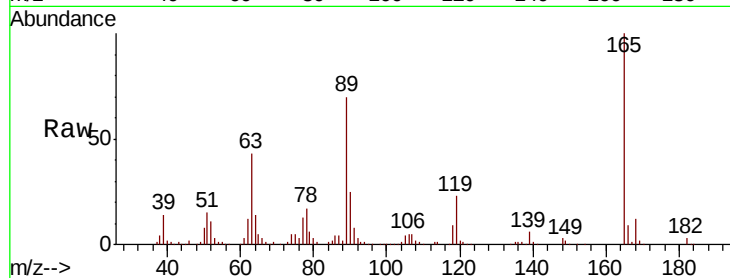




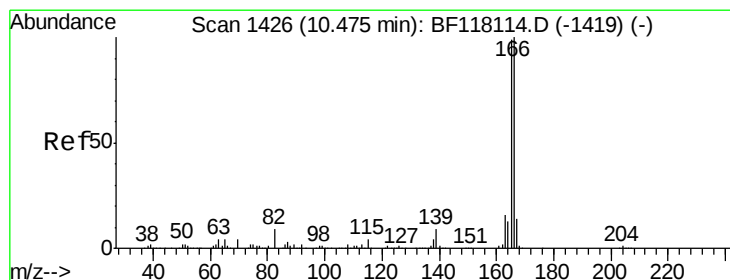
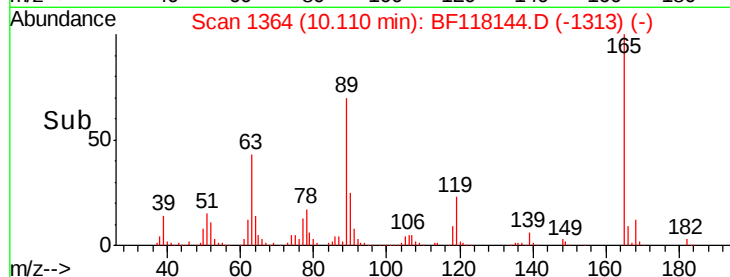
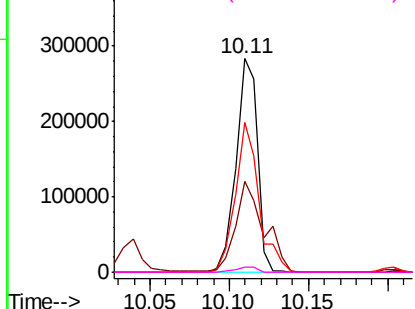
#57
2,4-Dinitrotoluene
Concen: 39.389 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp: 265015
Ion Ratio	Lower Upper
165 100	
63 42.7	32.6 49.0
89 70.2	56.1 84.1
182 2.6	2.1 3.1

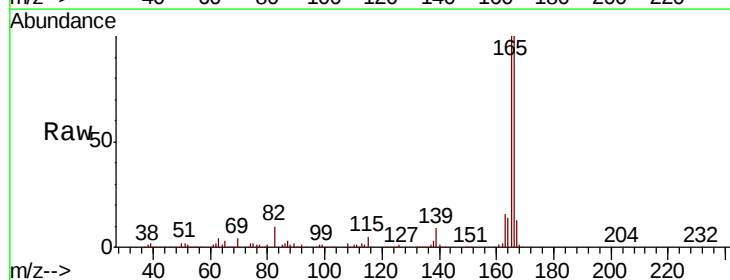


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

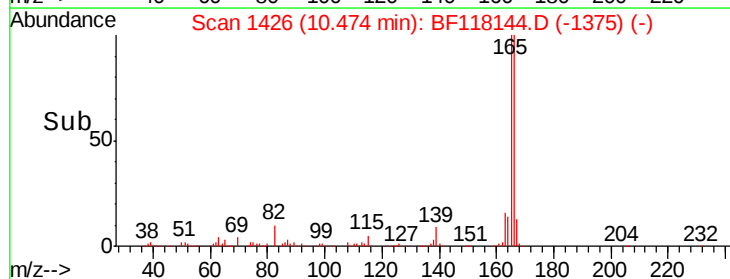
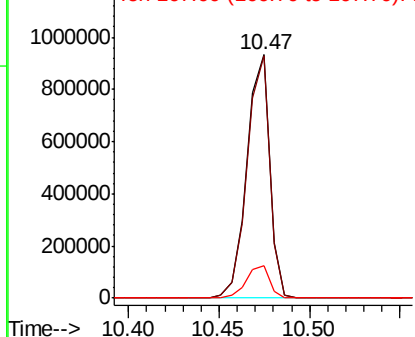


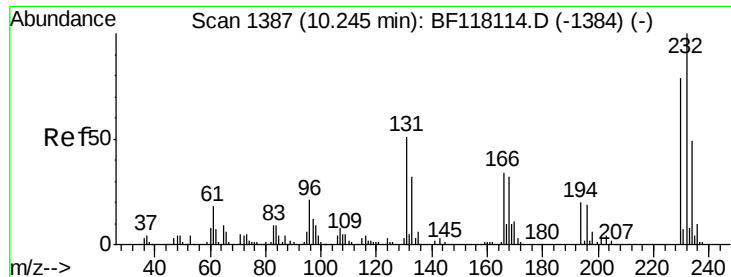
#58
Fluorene
Concen: 39.181 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt	Ion:166	Resp:	817828
Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.3	10.9	16.3



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

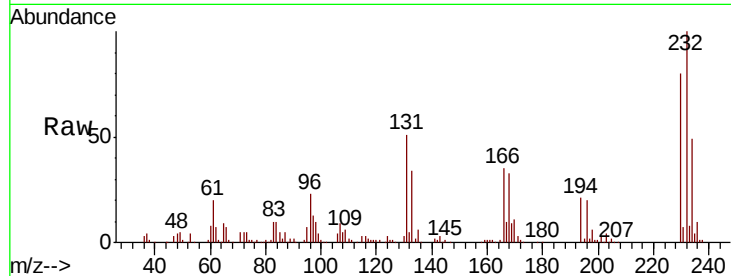




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.743 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	38.8	58.2
130	2.5	1.9	2.9
166	32.4	25.4	38.0



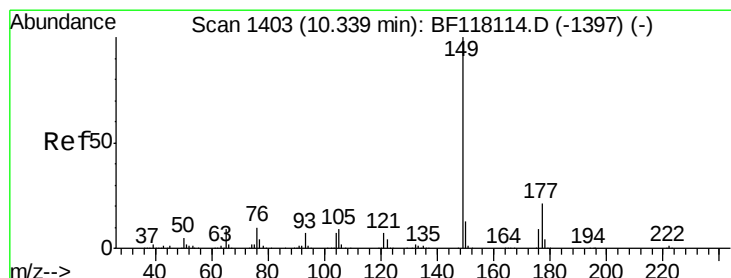
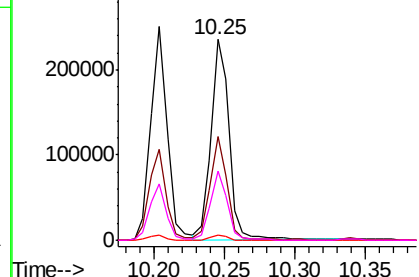
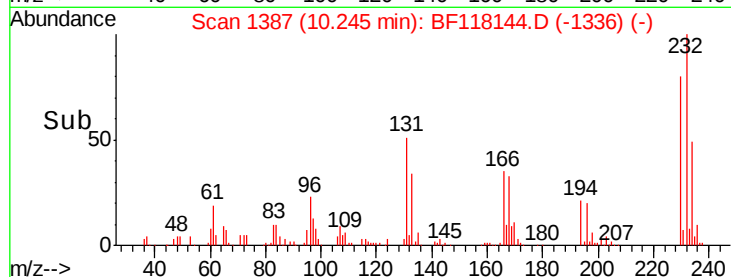
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

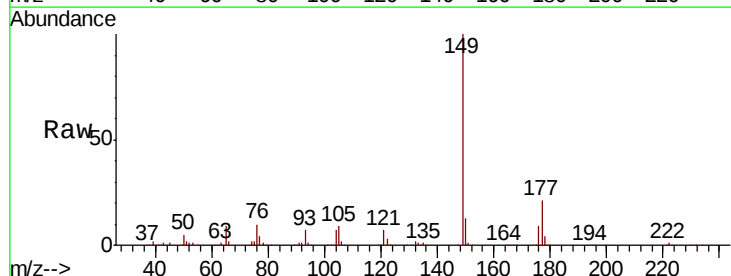
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.271 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.4
150	12.8	10.1	15.1

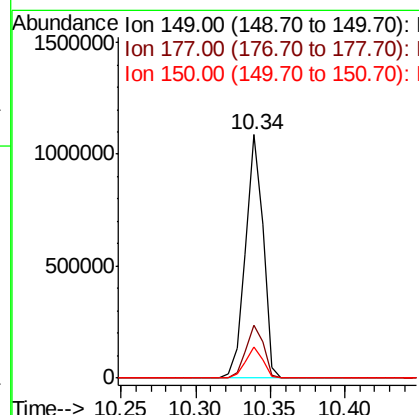
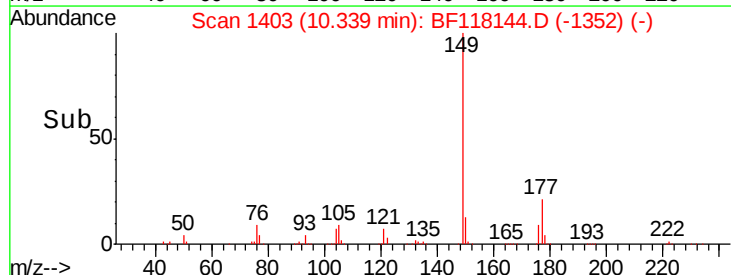


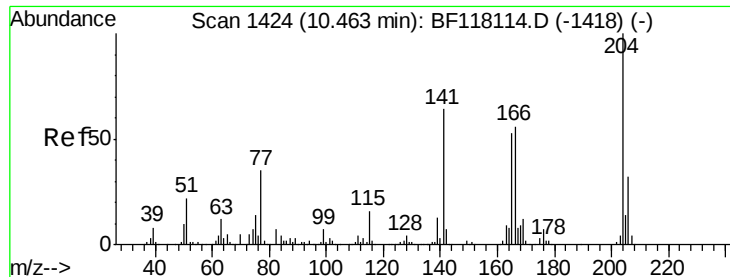
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

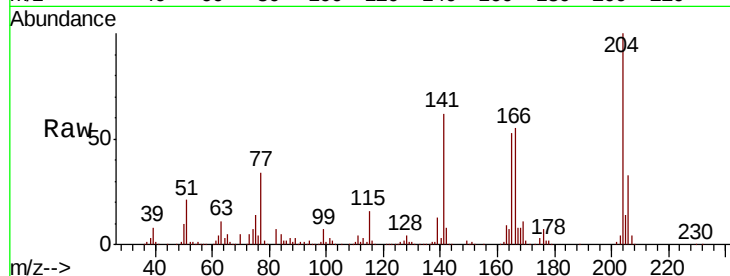




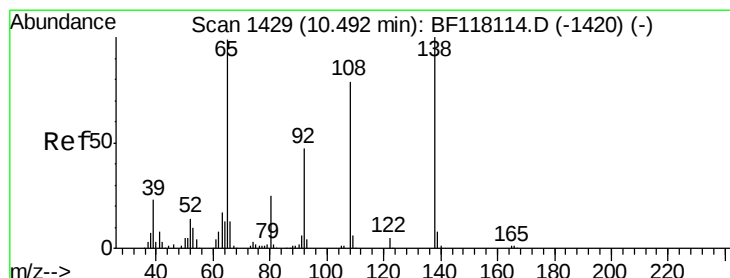
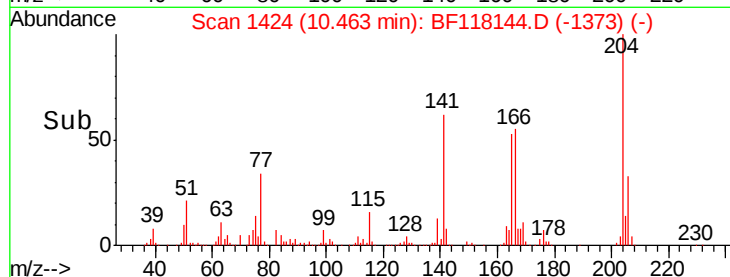
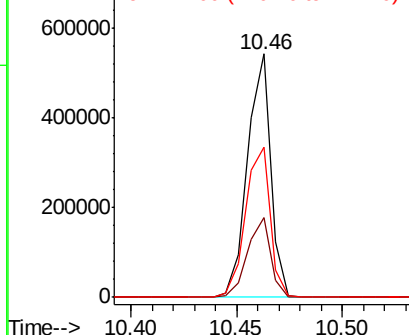
#61
4-Chlorophenyl-phenylether
Concen: 39.739 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 417353
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 61.7 51.0 76.6

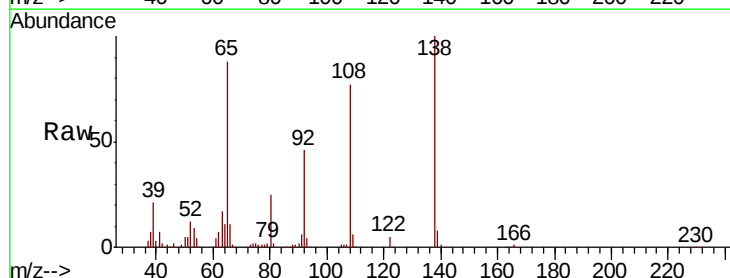


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

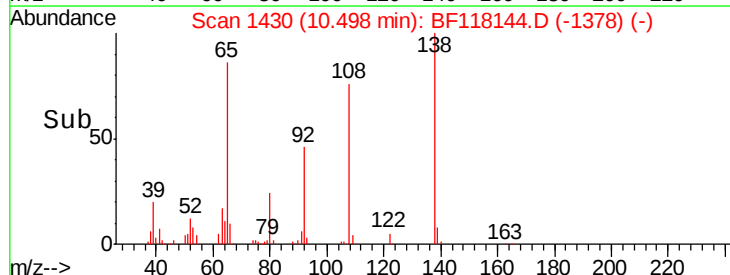
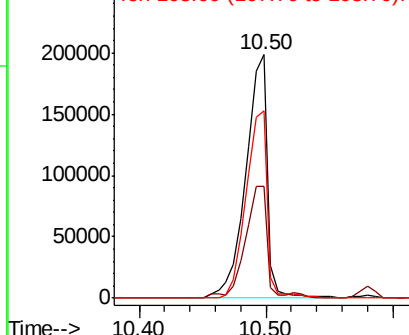


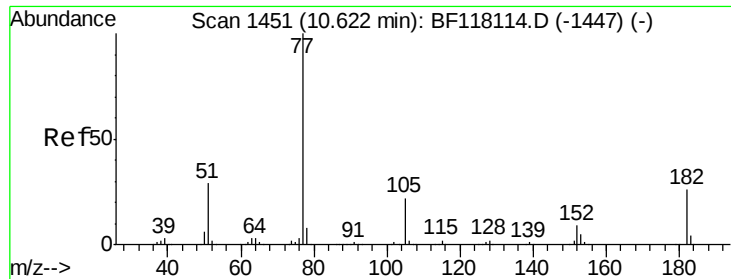
#62
4-Nitroaniline
Concen: 38.153 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:138 Resp: 236055
Ion Ratio Lower Upper
138 100
92 46.1 27.1 67.1
108 77.0 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: 39.324 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 766741

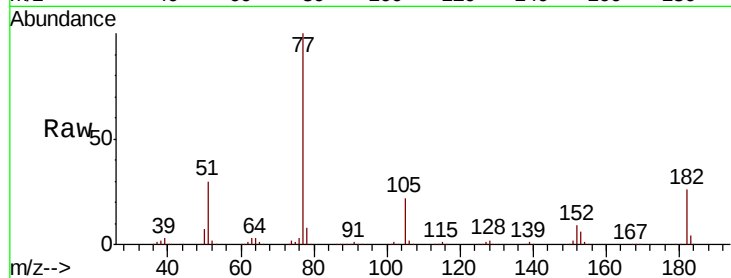
Ion Ratio Lower Upper

77 100

182 26.0 5.7 45.7

105 21.9 2.2 42.2

51 29.7 9.6 49.6

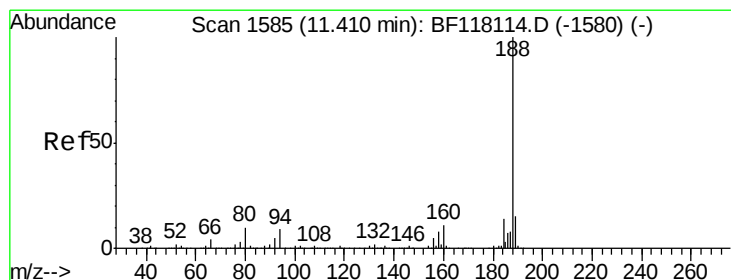
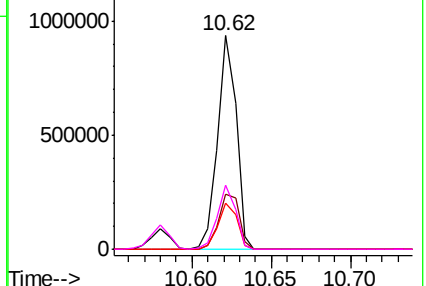
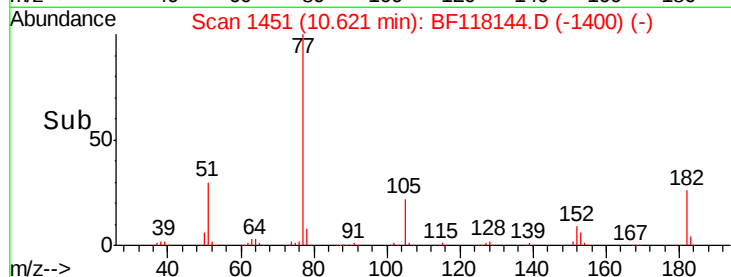


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

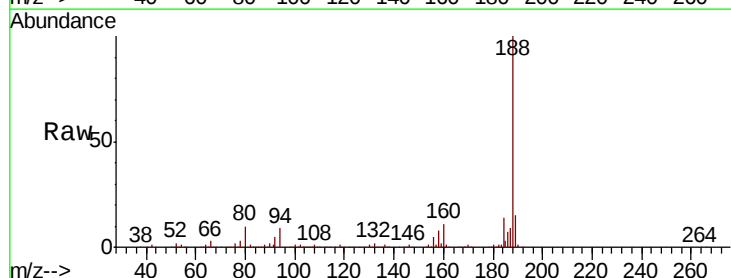
Tgt Ion: 188 Resp: 578242

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

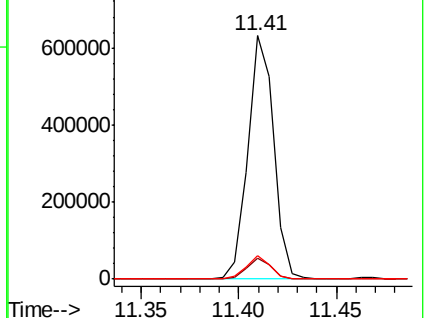
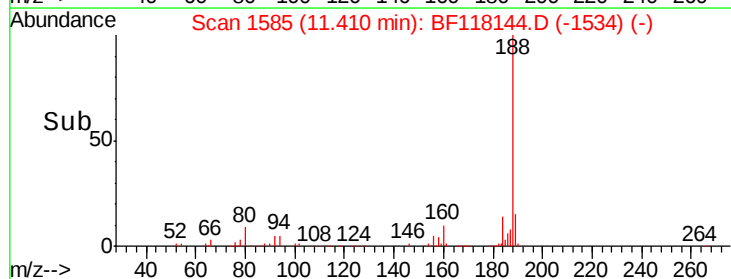
80 9.5 7.9 11.9

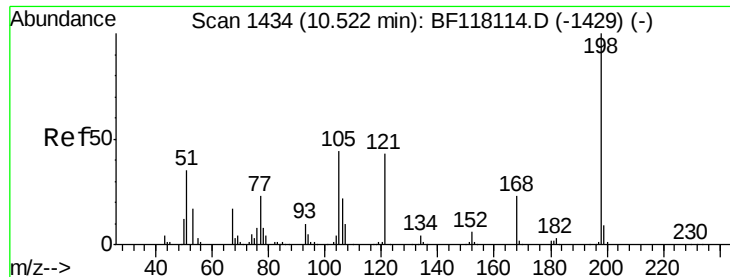


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

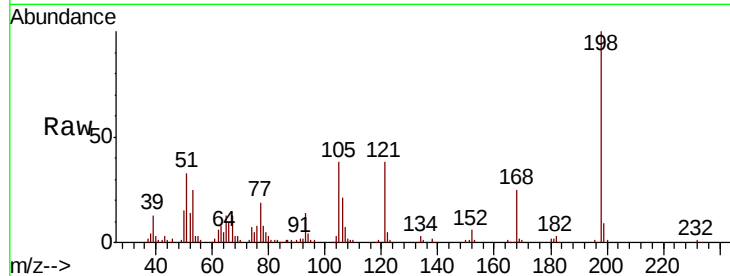




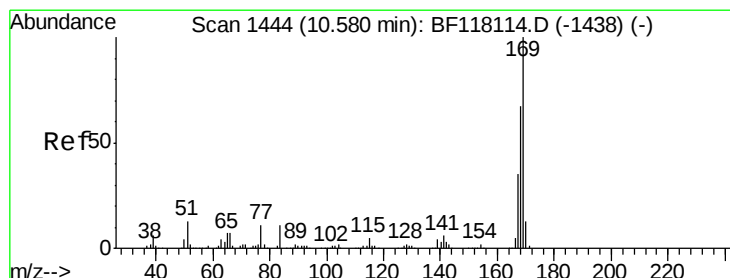
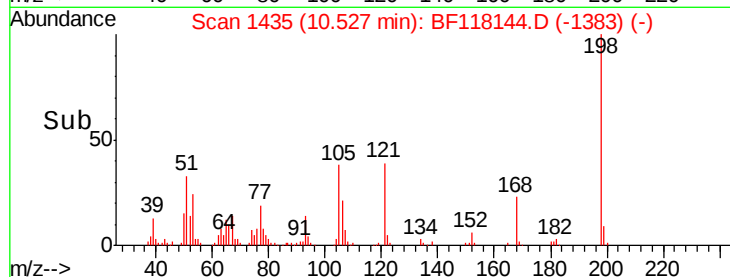
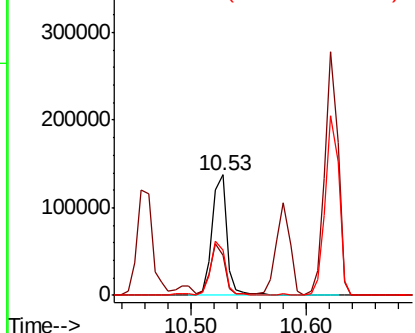
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.610 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.8	22.0	62.0
105	38.0	25.6	65.6

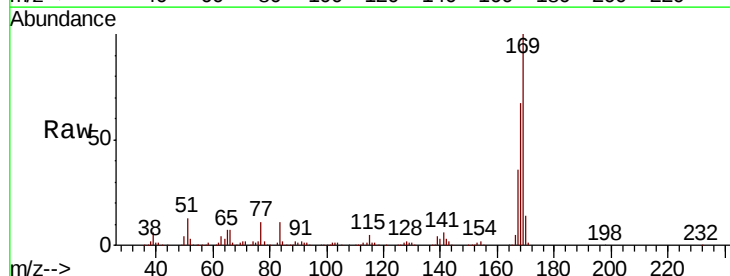


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

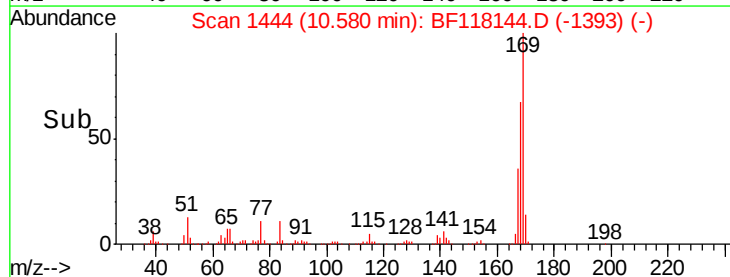
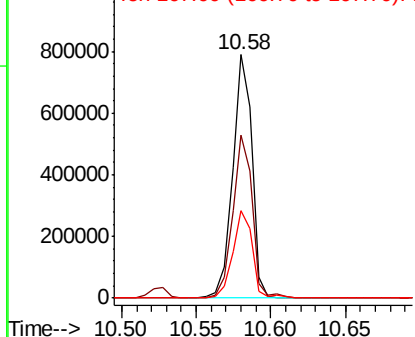


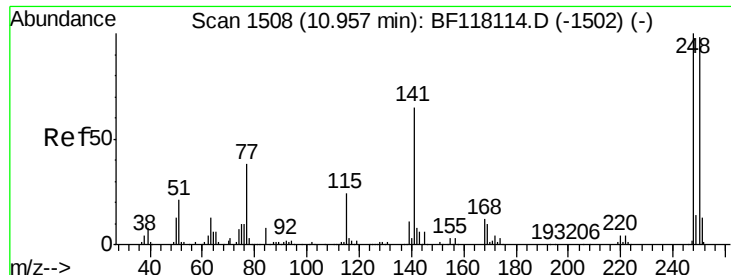
#66
 n-Nitrosodiphenylamine
 Concen: 39.772 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.2
167	36.1	28.4	42.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

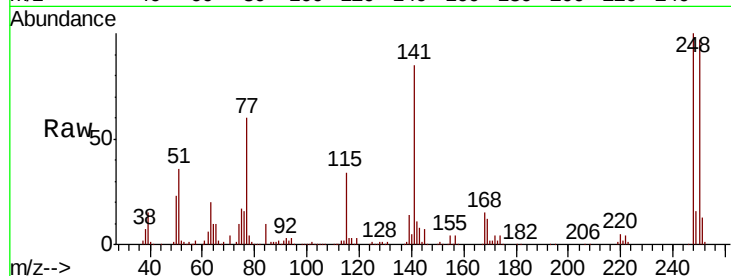




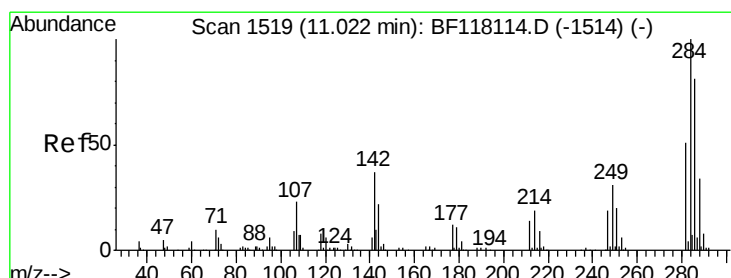
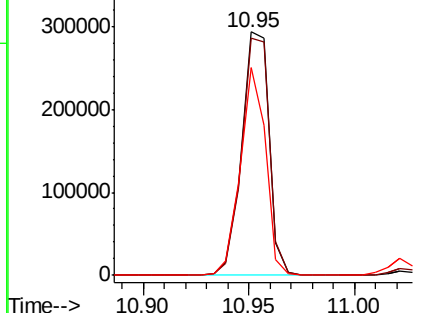
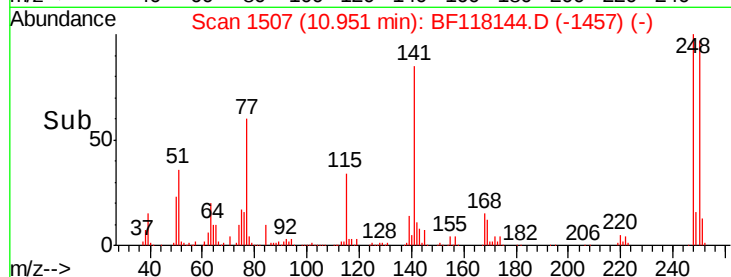
#67
4-Bromophenyl-phenylether
Concen: 39.953 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 263719
Ion Ratio Lower Upper
248 100
250 97.4 78.3 117.5
141 85.4 52.2 78.4#

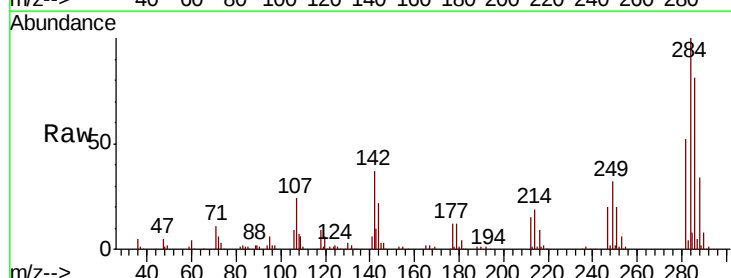


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

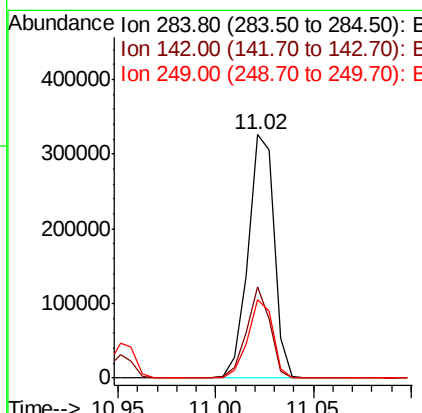
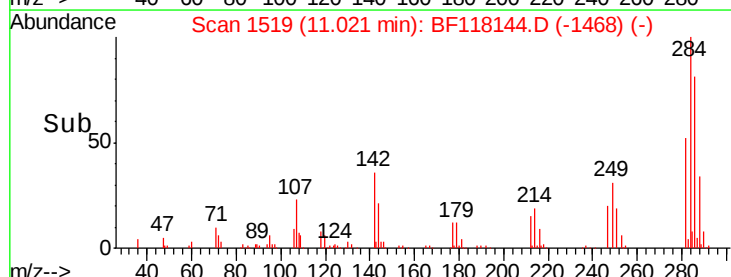


#68
Hexachlorobenzene
Concen: 39.000 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:284 Resp: 303003
Ion Ratio Lower Upper
284 100
142 37.3 29.7 44.5
249 32.1 24.6 37.0



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

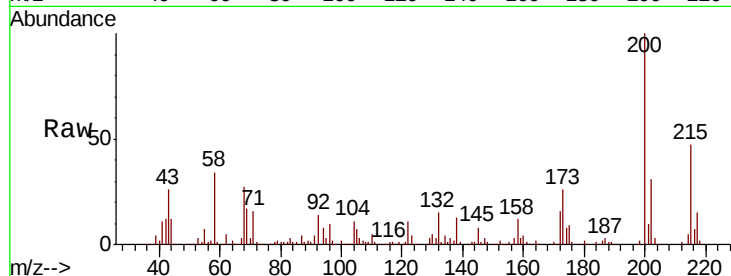




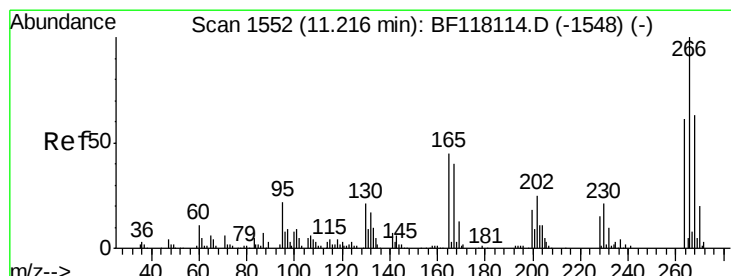
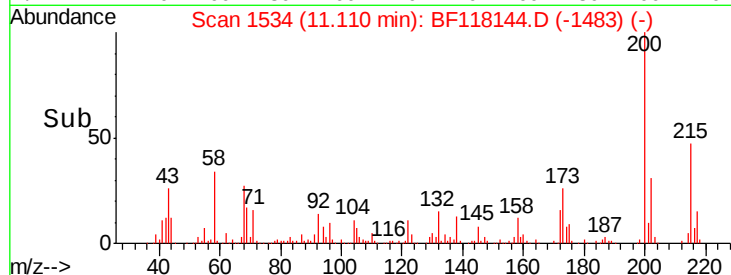
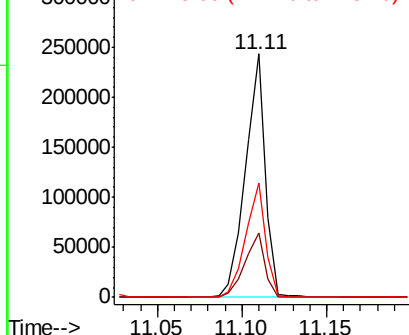
#69
Atrazine
Concen: 40.136 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 200594
Ion Ratio Lower Upper
200 100
173 26.5 8.1 48.1
215 47.0 29.0 69.0

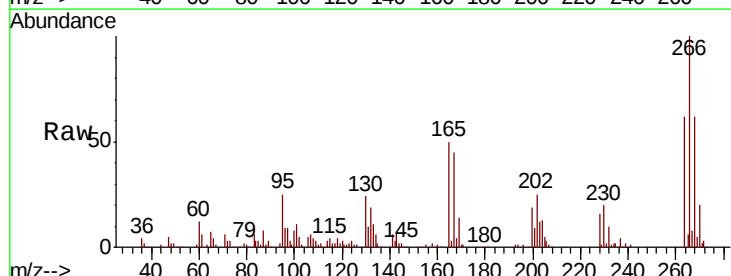


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

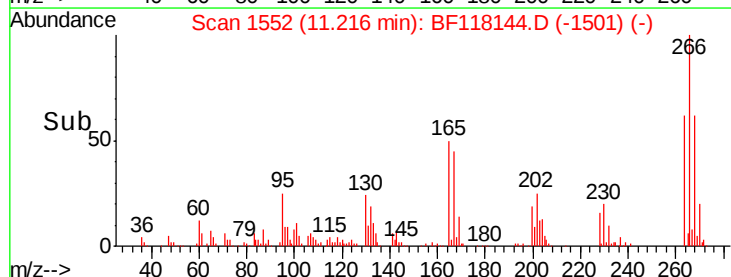
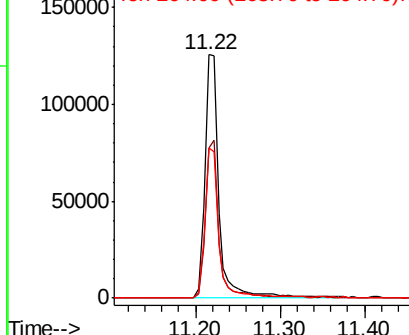


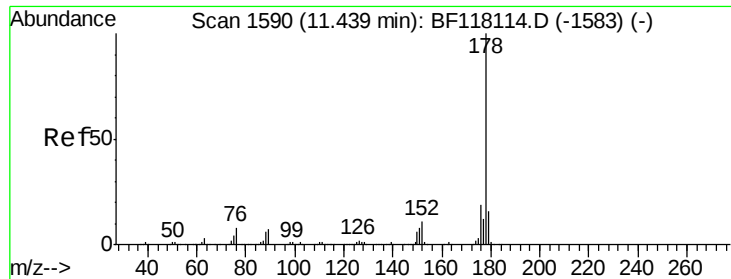
#70
Pentachlorophenol
Concen: 39.728 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:266 Resp: 145153
Ion Ratio Lower Upper
266 100
268 61.9 50.7 76.1
264 61.7 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

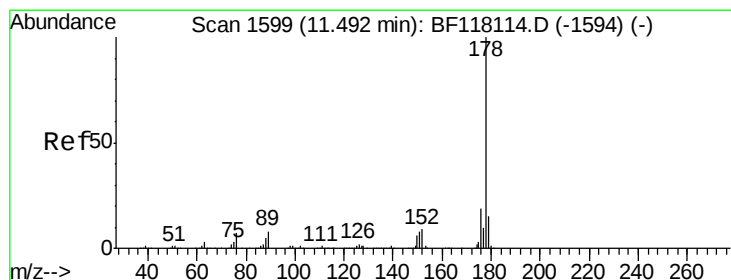
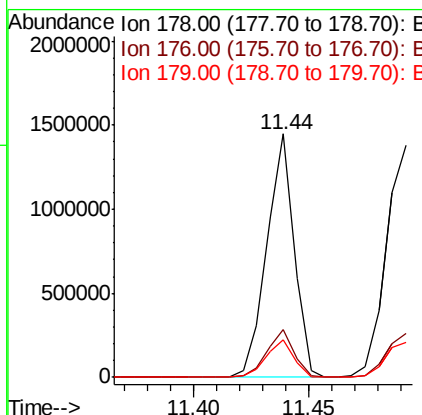
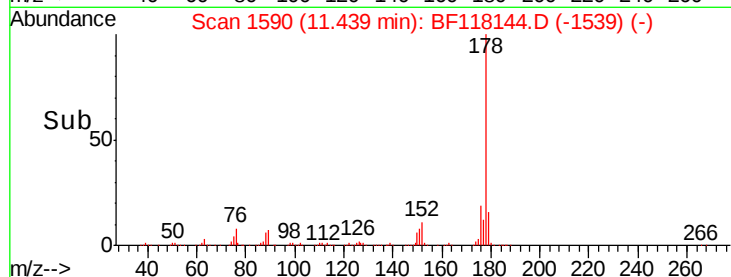
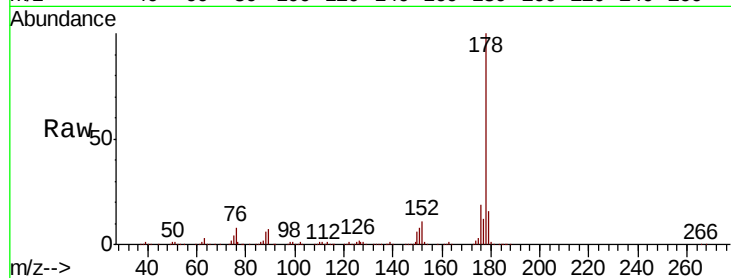




#71
Phenanthrene
Concen: 39.048 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

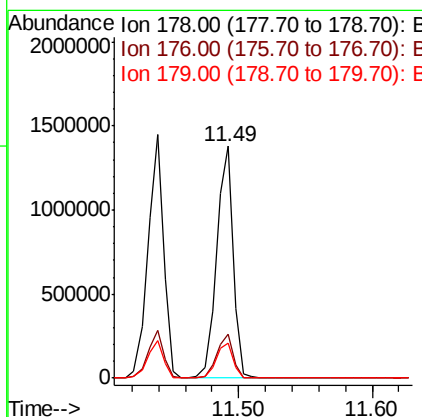
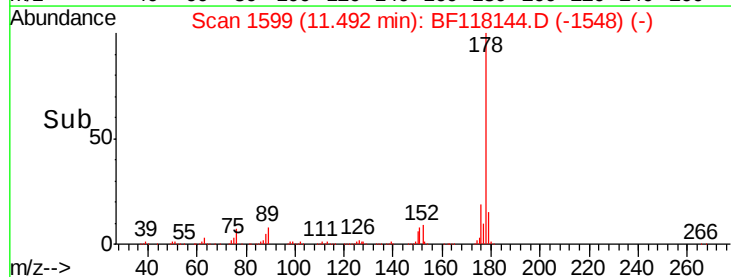
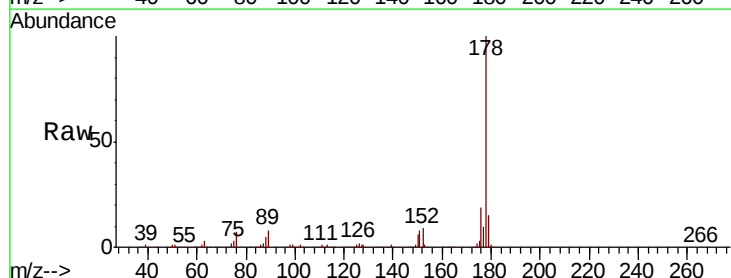
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1200275
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.6 18.8



#72
Anthracene
Concen: 39.131 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:178 Resp: 1199917
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.2 18.4

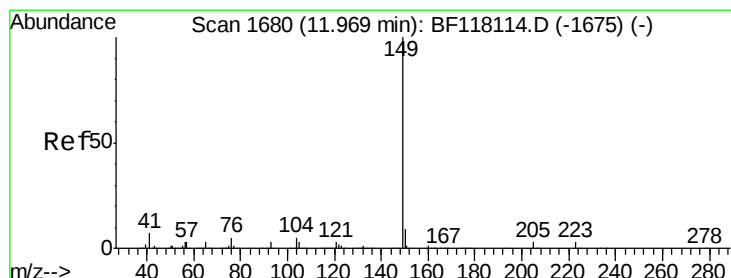
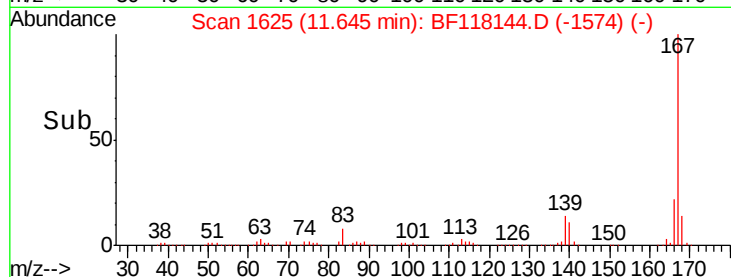
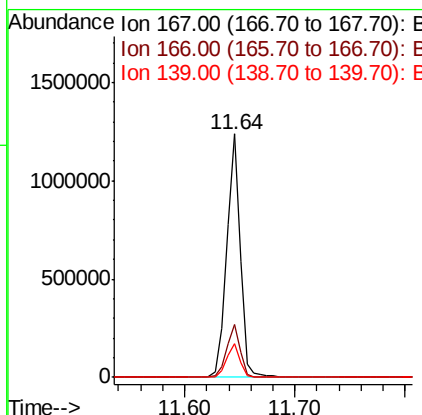
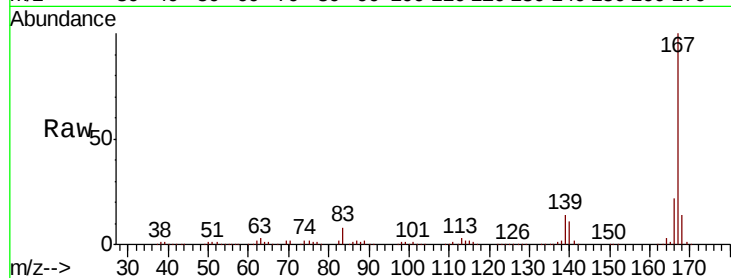




#73
 Carbazole
 Concen: 38.827 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

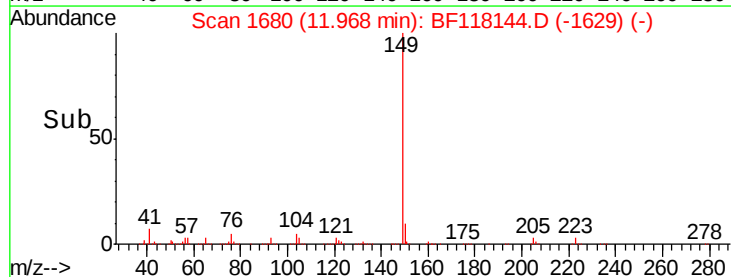
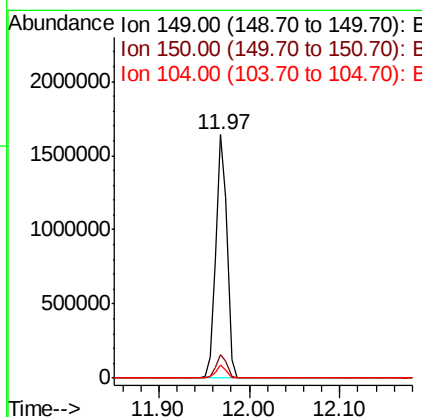
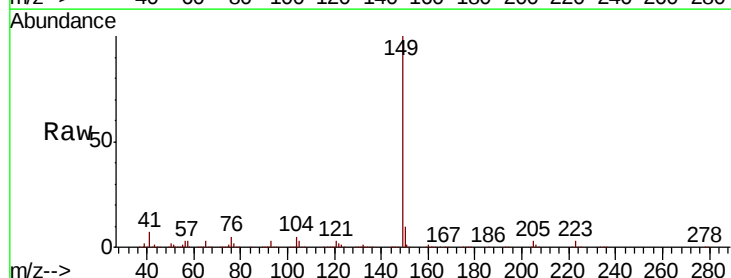
Instrument :
 BNA_F
 ClientSampleId :

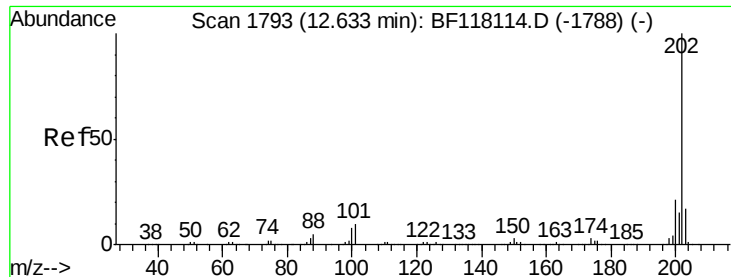
Tot Ion:167 Resp: 1068227
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 40.536 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118144.D
 Acq: 9 Dec 2019 14:55

Tgt Ion:149 Resp: 1395742
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.2 4.3 6.5

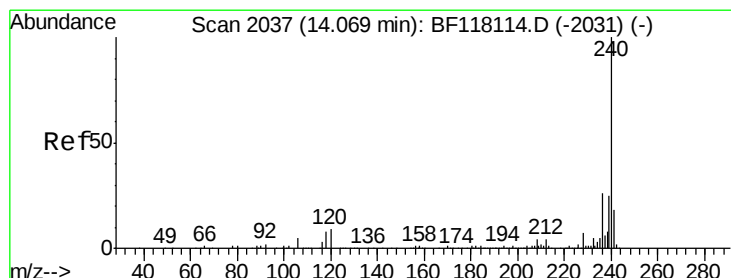
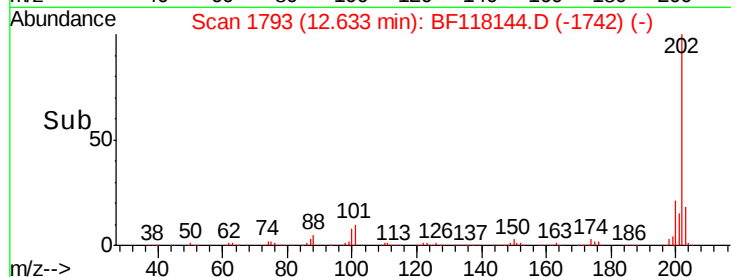
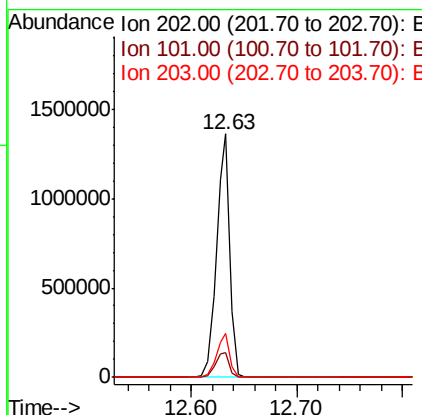
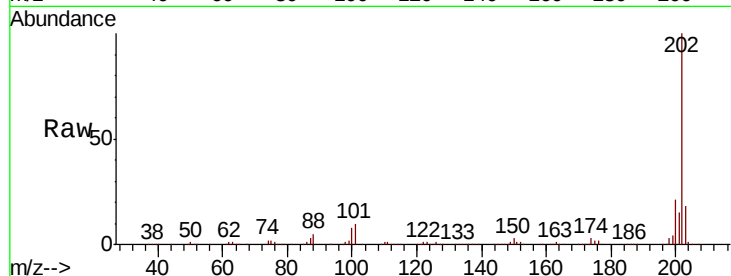




#75
Fluoranthene
Concen: 38.372 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

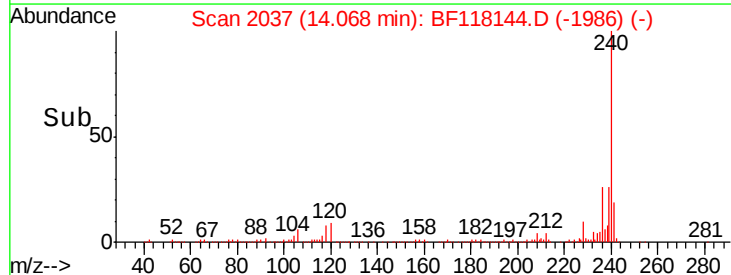
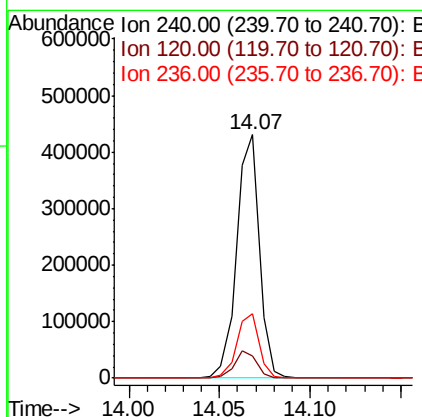
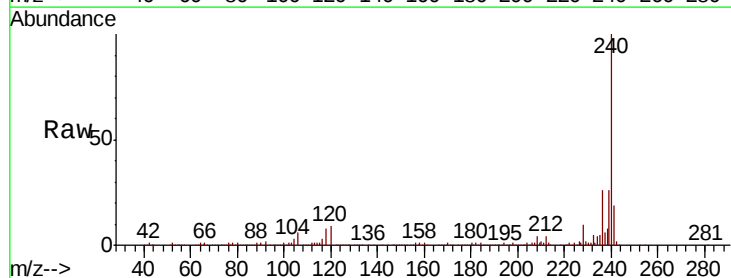
Instrument :
BNA_F
ClientSampleId :

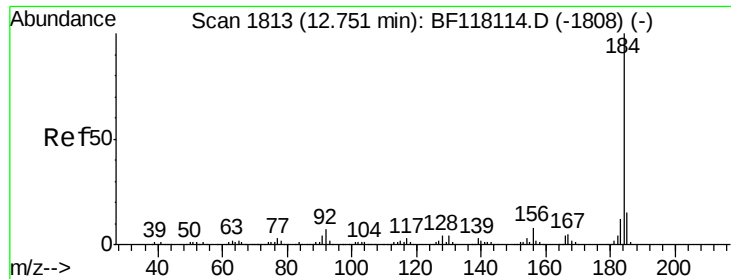
Tot Ion:202 Resp: 1205922
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.4
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:240 Resp: 375523
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.4 21.0 31.6





#77

Benzidine

Concen: 46.290 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampleId :

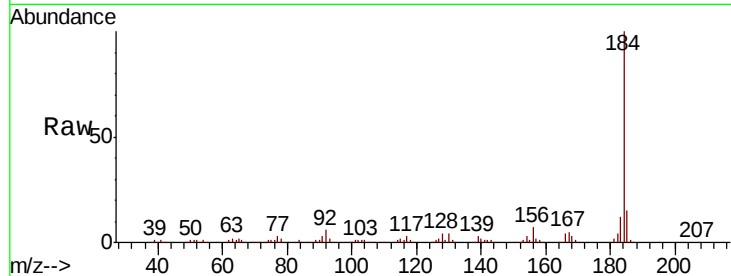
Tot Ion:184 Resp: 457613

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

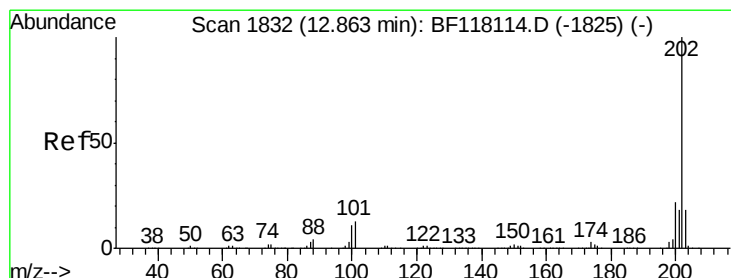
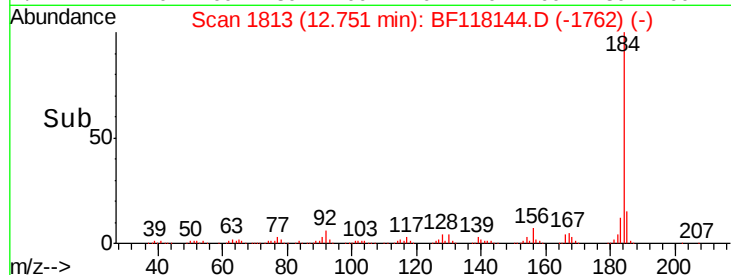
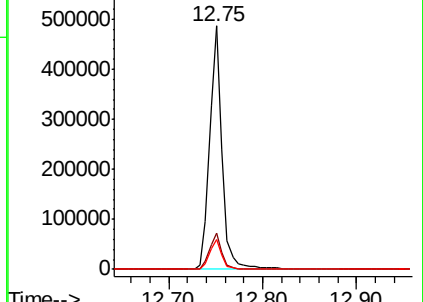
183 12.1 9.9 14.9



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: 40.819 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

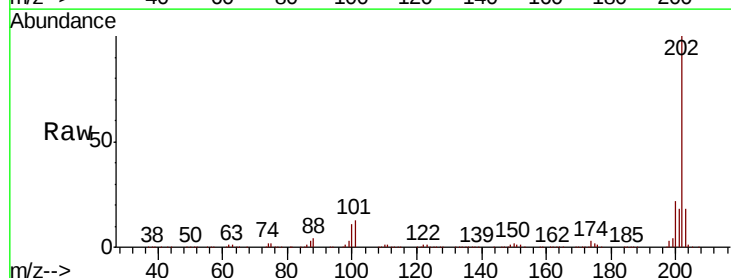
Tgt Ion:202 Resp: 1207949

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

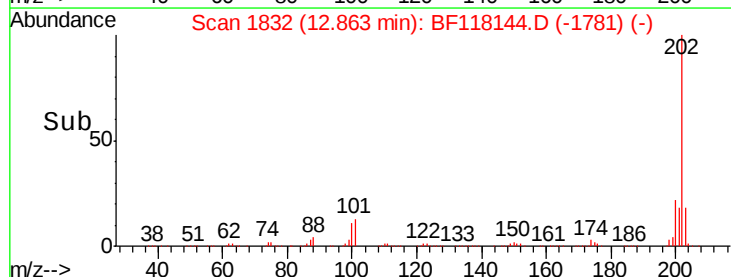
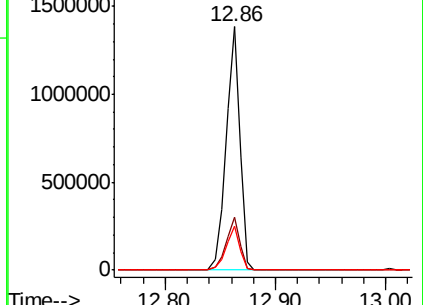
203 17.8 14.6 21.8

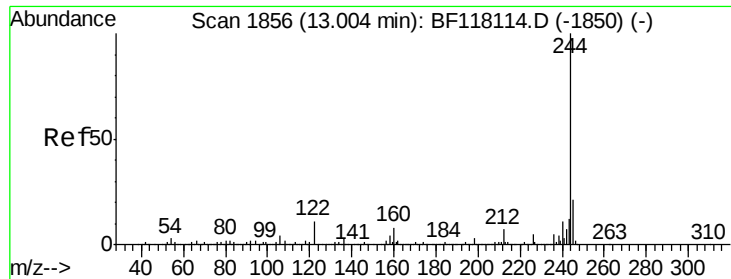


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.797 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampled :

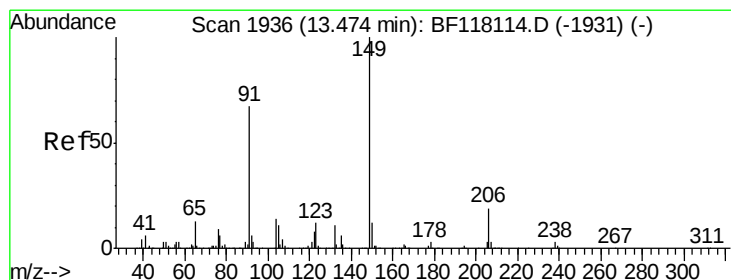
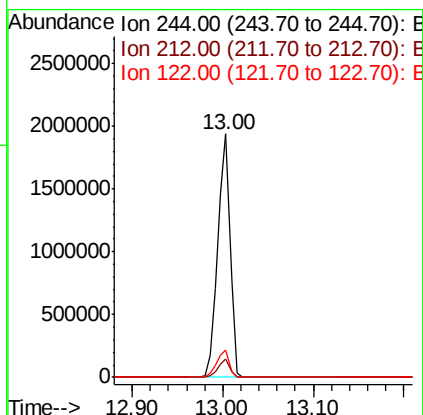
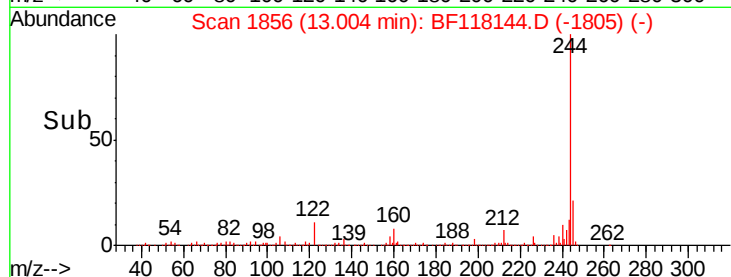
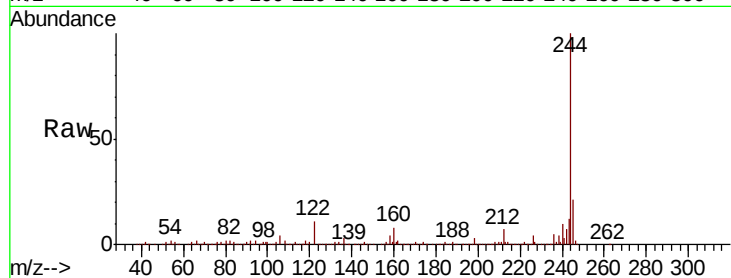
Tot Ion:244 Resp: 1808066

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 41.549 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

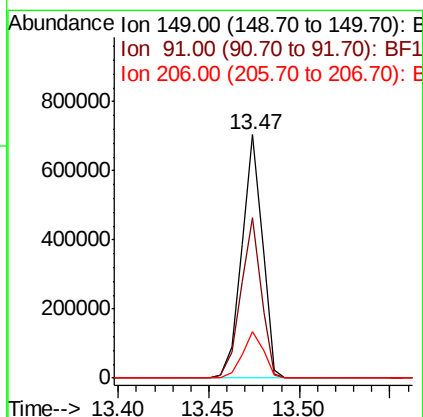
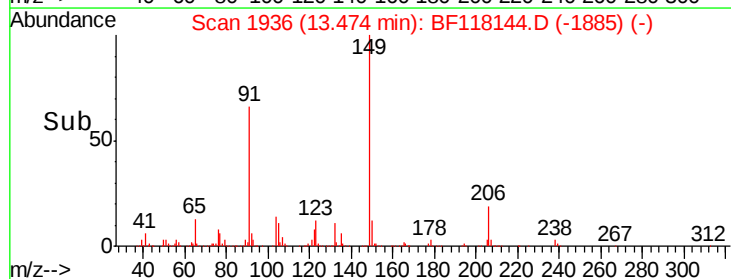
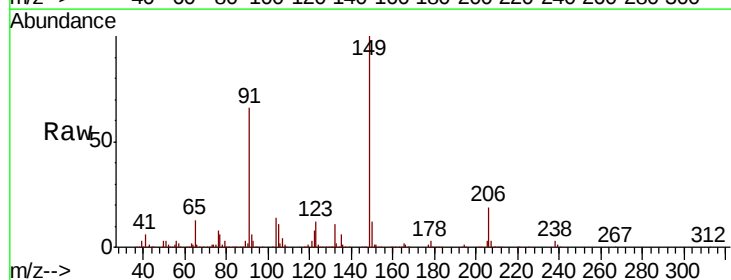
Tgt Ion:149 Resp: 556841

Ion Ratio Lower Upper

149 100

91 65.9 53.9 80.9

206 19.2 15.2 22.8

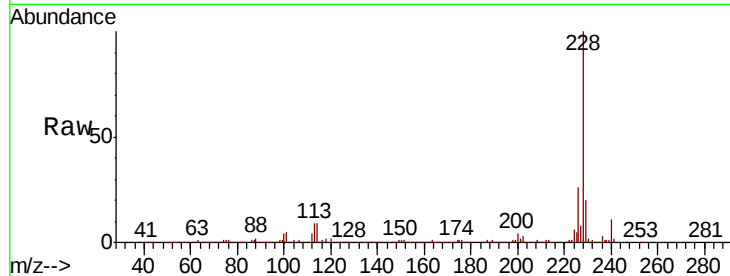




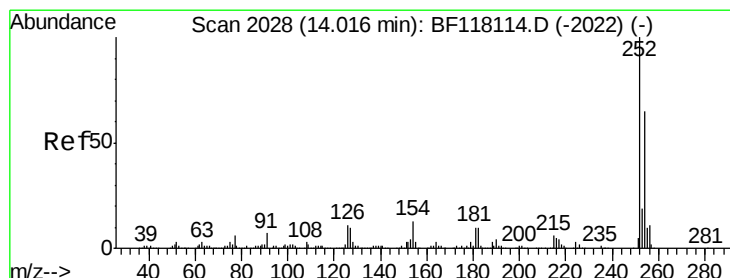
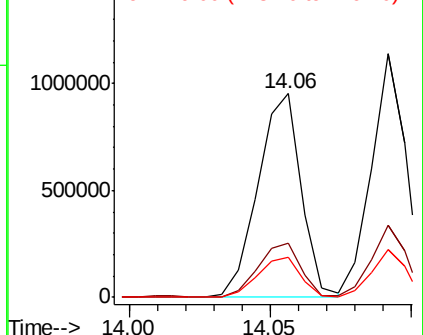
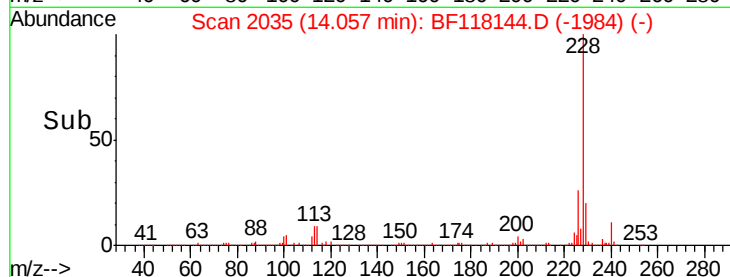
#81
Benzo(a)anthracene
Concen: 38.845 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1008650
Ion Ratio Lower Upper
228 100
226 26.3 21.8 32.8
229 19.5 15.8 23.8

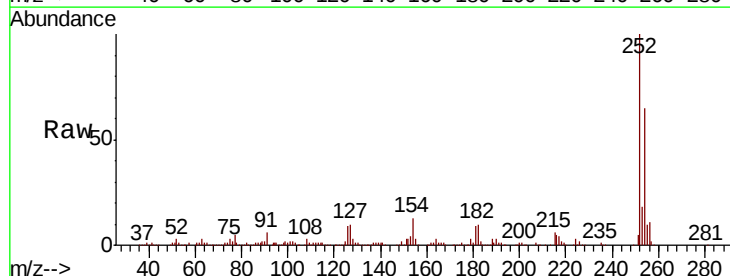


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

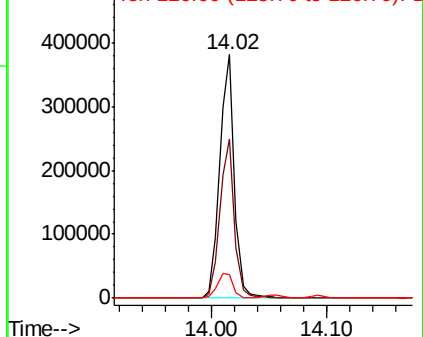
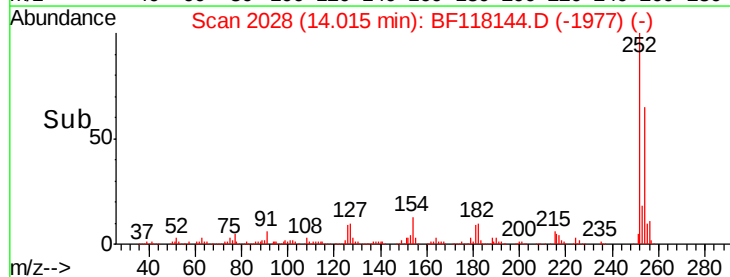


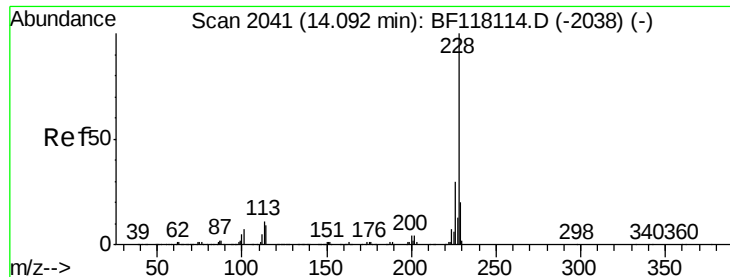
#82
3,3'-Dichlorobenzidine
Concen: 39.354 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:252 Resp: 335605
Ion Ratio Lower Upper
252 100
254 65.5 52.2 78.4
126 9.4 8.6 13.0



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

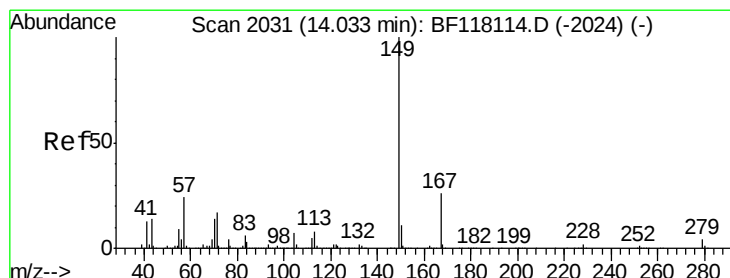
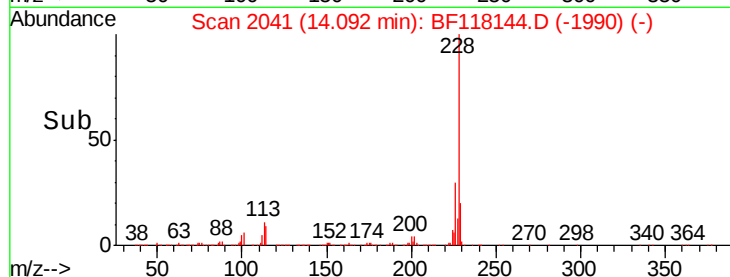
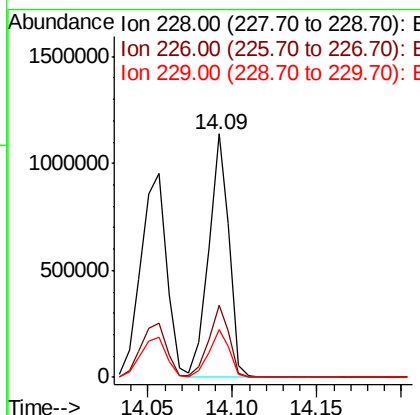
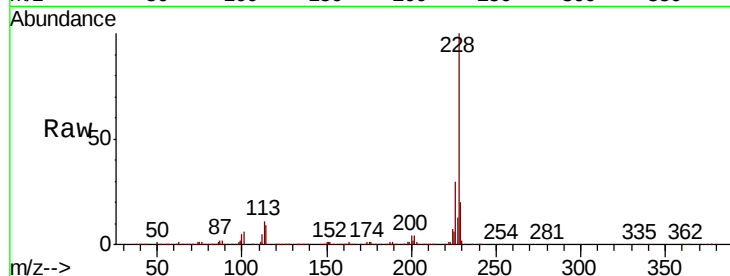




#83
Chrysene
Concen: 38.376 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

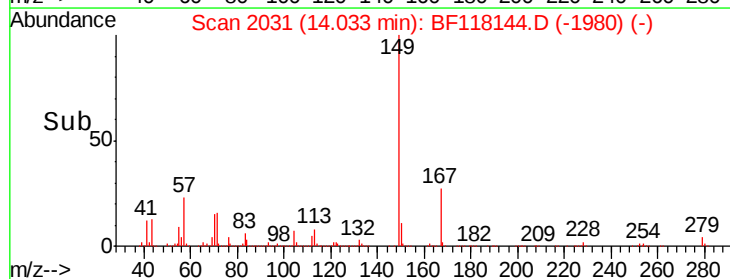
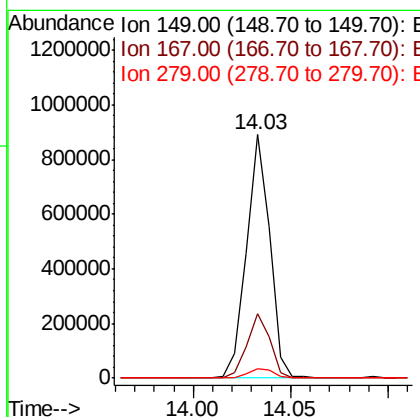
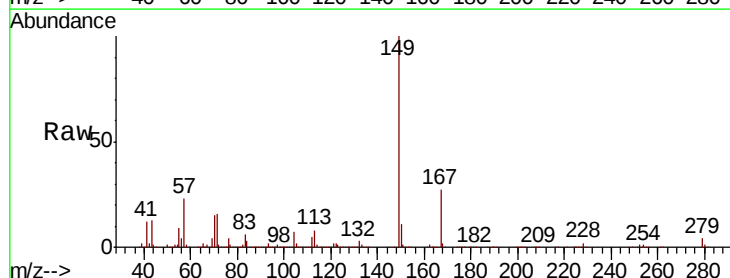
Instrument :
BNA_F
ClientSampleId :

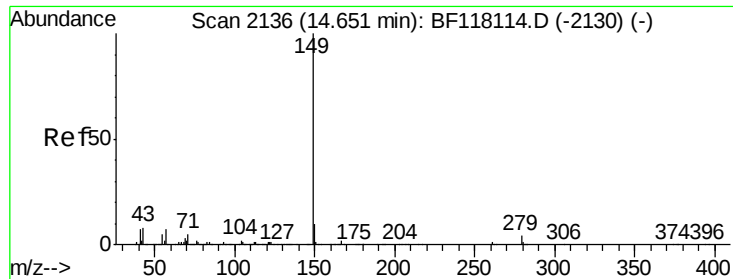
Tot Ion:228 Resp: 951854
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.764 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:149 Resp: 738059
Ion Ratio Lower Upper
149 100
167 26.6 20.8 31.2
279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.570 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Instrument :

BNA_F

ClientSampleId :

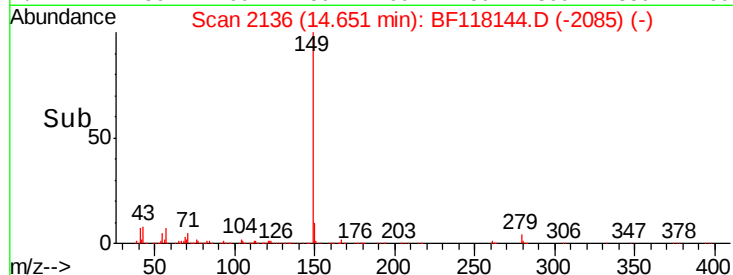
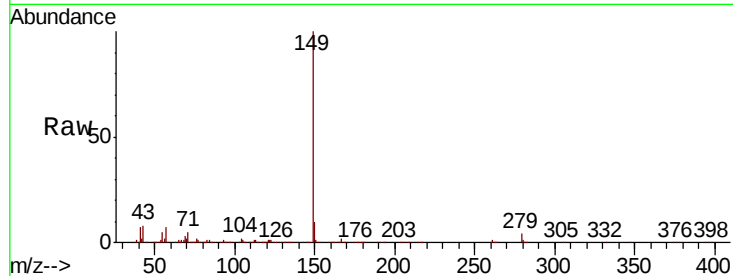
Tot Ion:149 Resp: 1059295

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

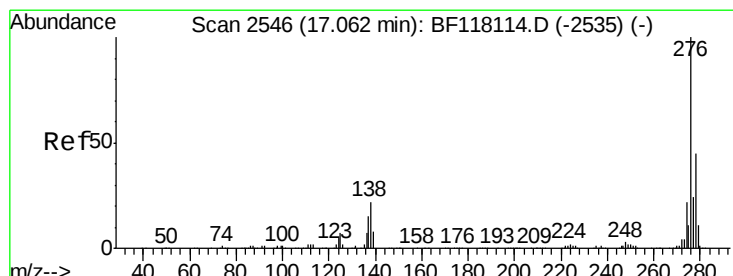
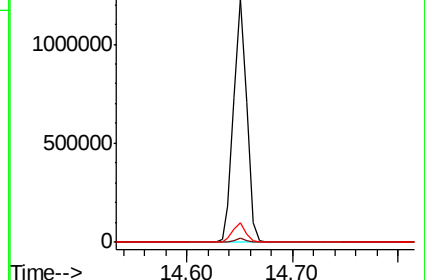
43 8.0 6.5 9.7



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: 37.557 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

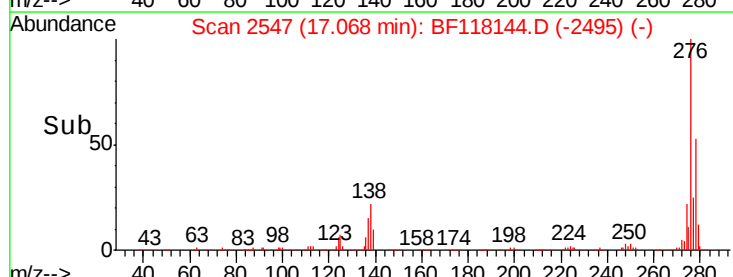
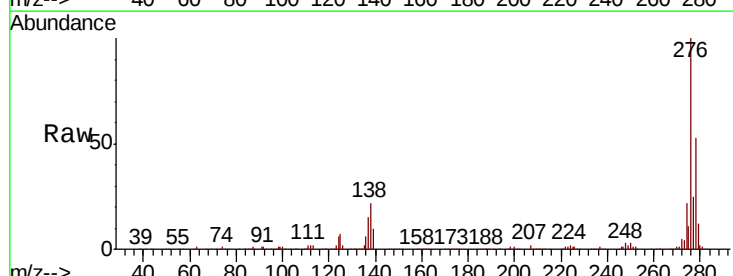
Tgt Ion:276 Resp: 783822

Ion Ratio Lower Upper

276 100

138 23.5 18.9 28.3

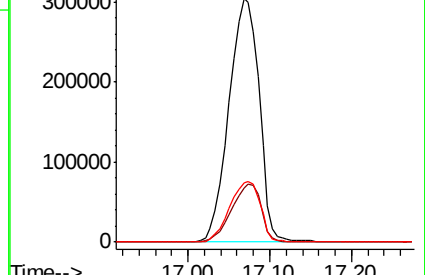
277 25.5 20.4 30.6

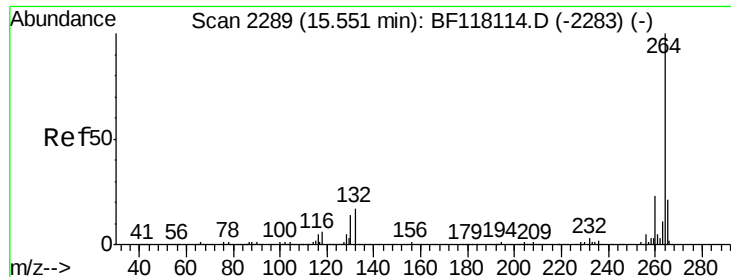


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

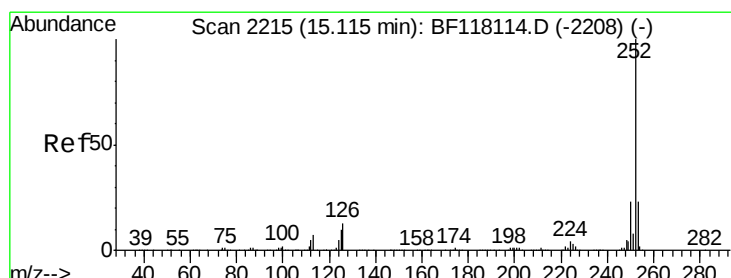
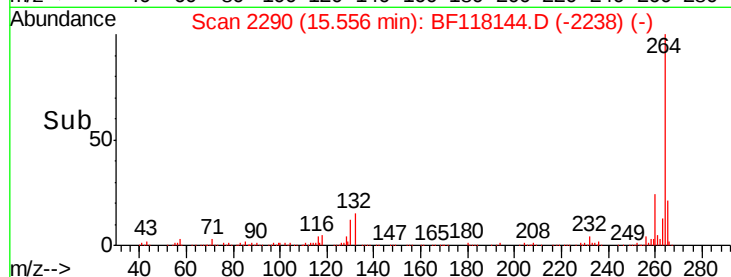
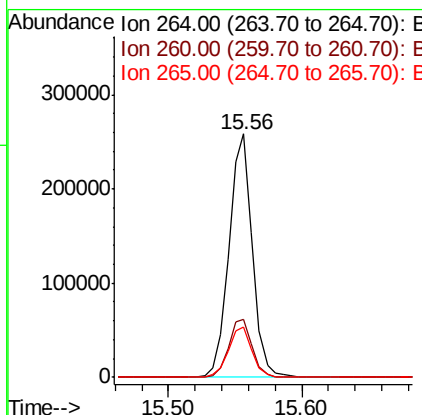
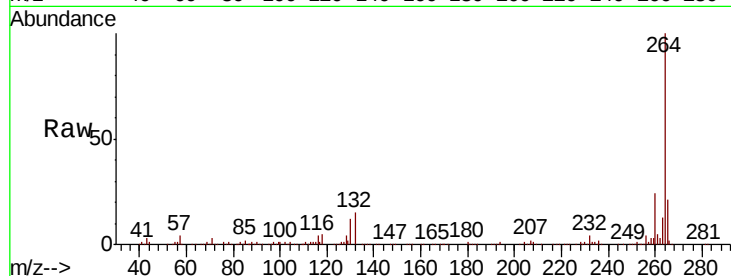




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

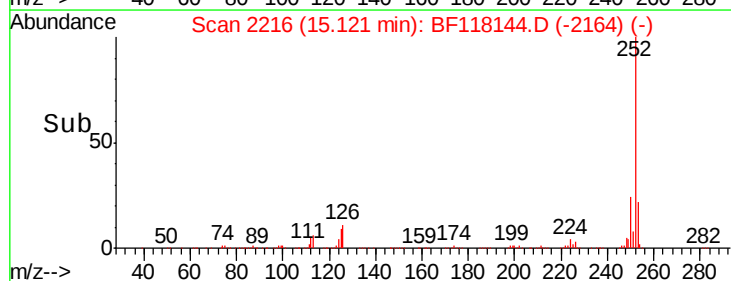
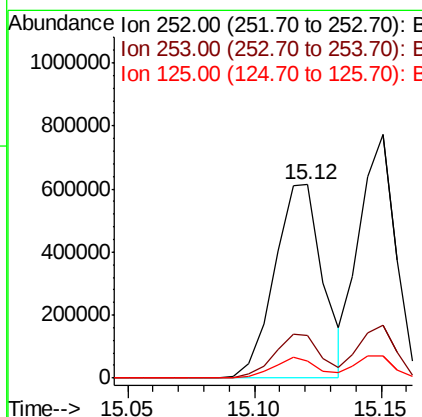
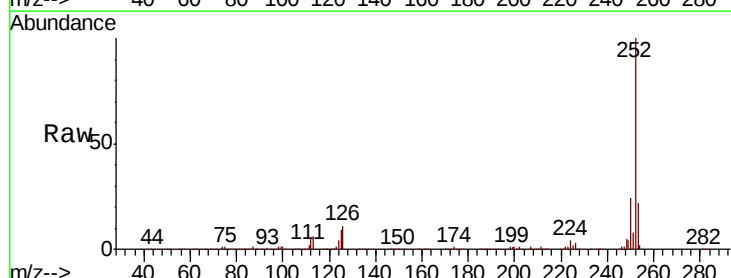
Instrument :
BNA_F
ClientSampleId :

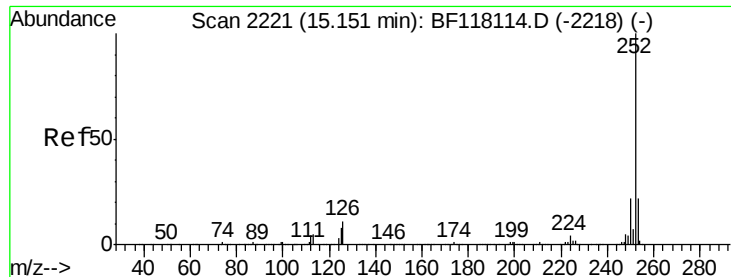
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	20.7	16.8	25.2



#88
Benzo(b)fluoranthene
Concen: 38.973 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.0	8.3	12.5

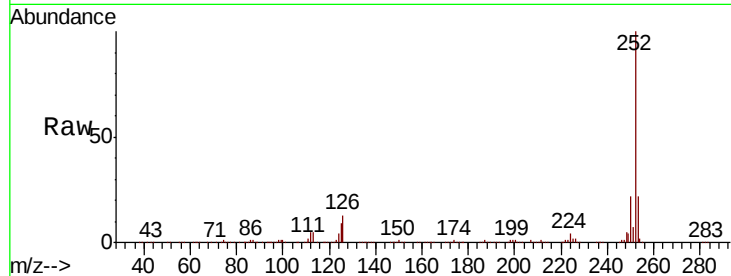




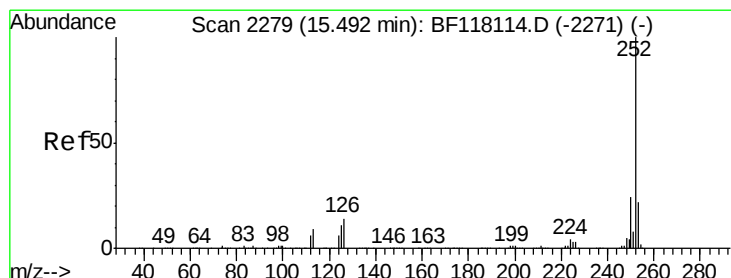
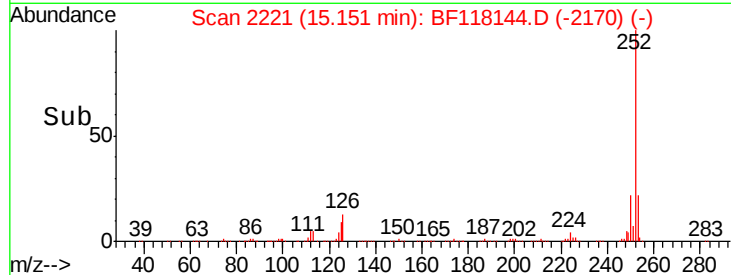
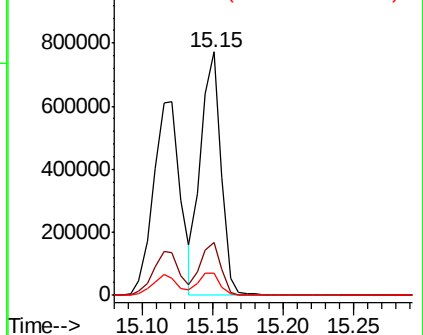
#89
Benzo(k)fluoranthene
Concen: 38.365 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 772730
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.9 6.7 10.1

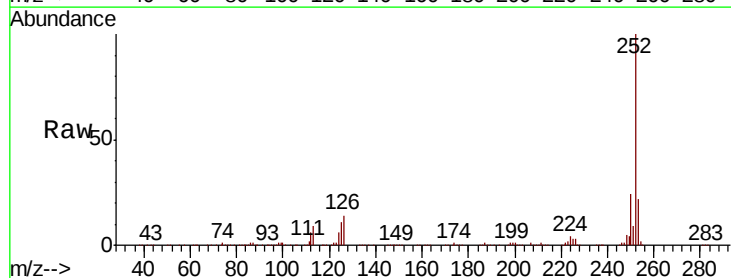


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

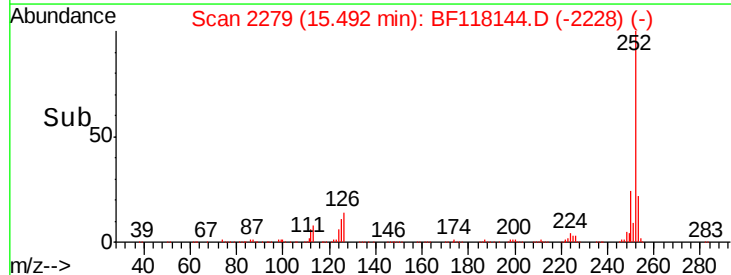
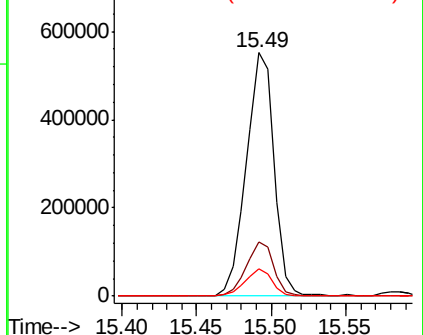


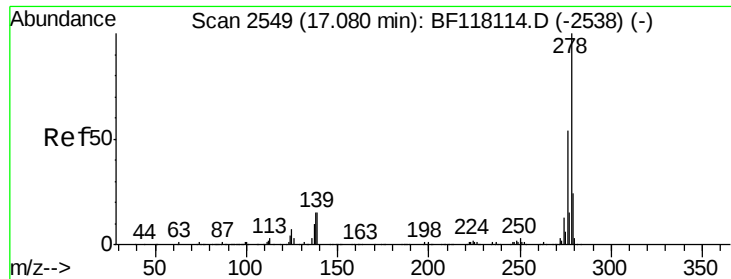
#90
Benzo(a)pyrene
Concen: 38.252 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118144.D
Acq: 9 Dec 2019 14:55

Tgt Ion:252 Resp: 708309
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.1 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.727 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

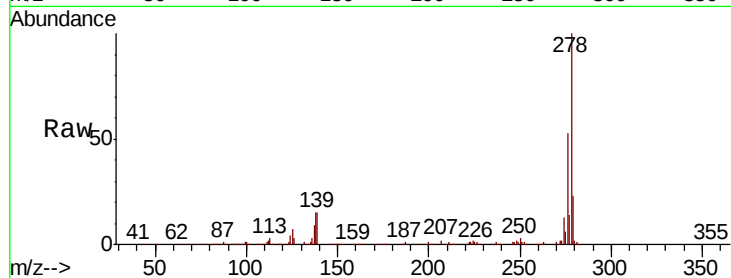
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 646831

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.7	17.5
279	22.9	19.0	28.4

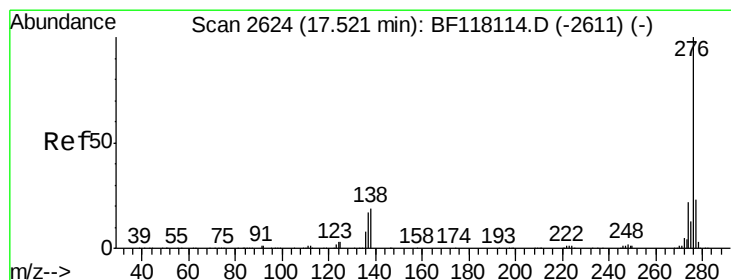
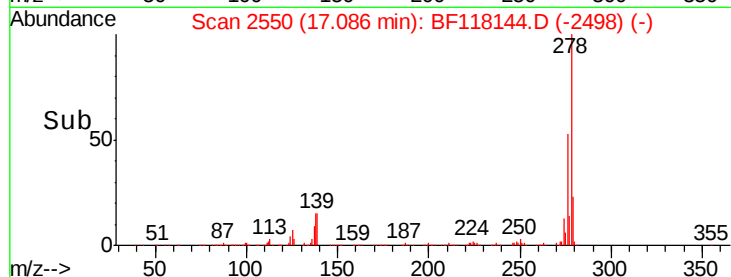
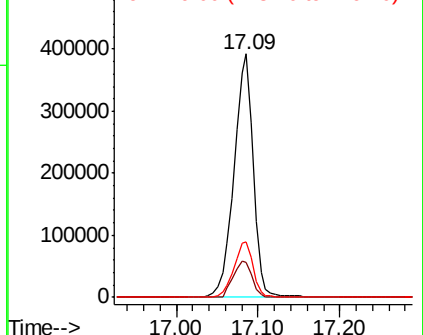


Abundance

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: 40.781 ng

RT: 17.53 min Scan# 2625

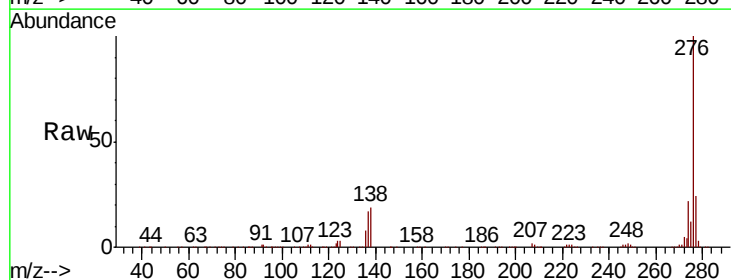
Delta R.T. 0.01 min

Lab File: BF118144.D

Acq: 9 Dec 2019 14:55

Tgt Ion:276 Resp: 622394

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.4
138	19.4	15.5	23.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

