

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118113.D
 Acq On : 6 Dec 2019 14:32
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 15:46:47 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 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142806	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	553537	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	296504	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	554974	20.00	ng	0.00
76) Chrysene-d12	14.06	240	423790	20.00	ng	0.00
87) Perylene-d12	15.55	264	406615	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	352546	43.70	ng	0.00
7) Phenol-d6	6.49	99	423542	43.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	403493	43.33	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	150198	47.85	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	854523	51.70	ng	0.00
79) Terphenyl-d14	13.00	244	1010856	43.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	70743	18.759	ng	98
3) Pyridine	3.38	79	187742	18.979	ng	98
4) n-Nitrosodimethylamine	3.32	42	76629	17.746	ng	97
6) Aniline	6.53	93	271746	21.133	ng	100
8) 2-Chlorophenol	6.65	128	199803	22.824	ng	98
9) Benzaldehyde	6.42	77	127712	21.010	ng	97
10) Phenol	6.50	94	240455	23.780	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	171253	21.090	ng	98
12) 1,3-Dichlorobenzene	6.81	146	229399	22.258	ng	98
13) 1,4-Dichlorobenzene	6.89	146	232746	22.342	ng	98
14) 1,2-Dichlorobenzene	7.04	146	220233	22.105	ng	98
15) Benzyl Alcohol	7.01	79	165066	21.972	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	210195	16.813	ng	99
17) 2-Methylphenol	7.12	107	153344	20.685	ng	97
18) Hexachloroethane	7.38	117	84137	21.985	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	128461	21.399	ng	96
20) 3+4-Methylphenols	7.27	107	202723	22.029	ng	92
22) Acetophenone	7.27	105	278037	22.357	ng	# 98
24) Nitrobenzene	7.45	77	198461	20.660	ng	100
25) Isophorone	7.69	82	341438	20.006	ng	96
26) 2-Nitrophenol	7.77	139	104425	22.334	ng	94
27) 2,4-Dimethylphenol	7.80	122	140743	19.372	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	228083	21.060	ng	98
29) 2,4-Dichlorophenol	8.01	162	167275	21.226	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	197415	21.596	ng	99
31) Naphthalene	8.18	128	590521	22.884	ng	99
32) Benzoic acid	7.91	122	117635	19.337	ng	94
33) 4-Chloroaniline	8.23	127	248919	21.547	ng	96
34) Hexachlorobutadiene	8.29	225	118122	22.101	ng	98
35) Caprolactam	8.59	113	51121	20.411	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	175914	21.995	ng	97
37) 2-Methylnaphthalene	8.87	142	399370	22.905	ng	99
38) 1-Methylnaphthalene	8.97	142	376215	22.823	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	186908	21.706	ng	99

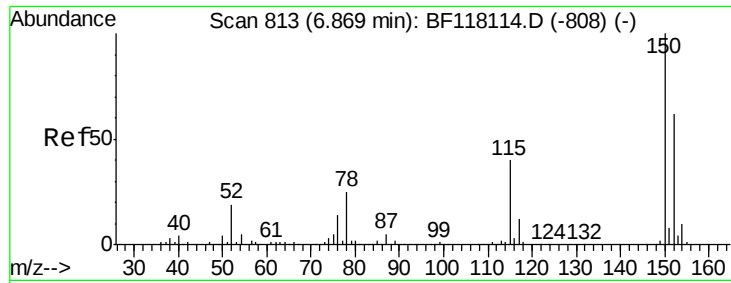
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
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 QLast Update : Fri Dec 06 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	72806	15.088	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	124608	20.204	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	130025	20.305	ng	95
46) 1,1'-Biphenyl	9.34	154	493713	22.444	ng	98
47) 2-Chloronaphthalene	9.36	162	394121	21.779	ng	98
48) 2-Nitroaniline	9.46	65	109813	20.100	ng	98
49) Acenaphthylene	9.78	152	591950	22.436	ng	99
50) Dimethylphthalate	9.63	163	454765	21.872	ng	98
51) 2,6-Dinitrotoluene	9.70	165	97203	21.391	ng	98
52) Acenaphthene	9.95	154	356875	21.115	ng	97
53) 3-Nitroaniline	9.87	138	114299	21.021	ng	98
54) 2,4-Dinitrophenol	9.98	184	43220	21.425	ng	90
55) Dibenzofuran	10.12	168	532919	22.770	ng	99
56) 4-Nitrophenol	10.03	139	77682	19.140	ng	96
57) 2,4-Dinitrotoluene	10.10	165	129011	22.318	ng	98
58) Fluorene	10.47	166	423811	23.368	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	107629	20.456	ng	99
60) Diethylphthalate	10.33	149	455797	22.485	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	214822	23.340	ng	97
62) 4-Nitroaniline	10.48	138	122142	22.435	ng	99
63) Azobenzene	10.62	77	388969	21.092	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	58125	22.435	ng	96
66) n-Nitrosodiphenylamine	10.57	169	367409	22.748	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	133400	22.278	ng	# 92
68) Hexachlorobenzene	11.02	284	155698	22.299	ng	93
69) Atrazine	11.10	200	111486	20.984	ng	98
70) Pentachlorophenol	11.22	266	68397	16.767	ng	98
71) Phenanthrene	11.43	178	638601	22.887	ng	100
72) Anthracene	11.49	178	642455	23.223	ng	99
73) Carbazole	11.64	167	570439	23.596	ng	99
74) Di-n-butylphthalate	11.97	149	718484	23.870	ng	99
75) Fluoranthene	12.63	202	656361	24.316	ng	98
77) Benzidine	12.75	184	223414	16.094	ng	99
78) Pyrene	12.86	202	661308	19.309	ng	99
80) Butylbenzylphthalate	13.47	149	299248	20.343	ng	98
81) Benzo(a)anthracene	14.05	228	606612	21.661	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	211316	21.572	ng	99
83) Chrysene	14.09	228	589213	21.713	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	403747	22.640	ng	100
85) Di-n-octyl phthalate	14.65	149	632758	24.152	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	454501	19.679	ng	100
88) Benzo(b)fluoranthene	15.12	252	549880	20.815	ng	98
89) Benzo(k)fluoranthene	15.14	252	535531	21.514	ng	98
90) Benzo(a)pyrene	15.49	252	482541	20.772	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	376597	18.835	ng	99
92) Benzo(g,h,i)perylene	17.52	276	340170	17.081	ng	99

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

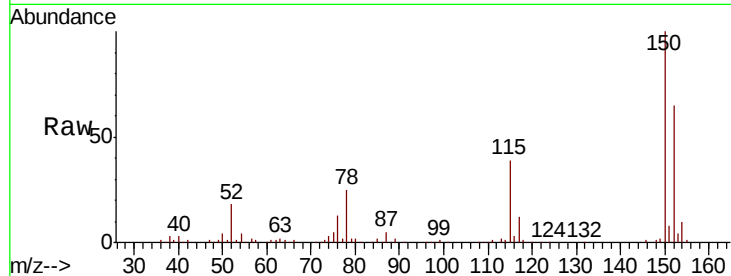


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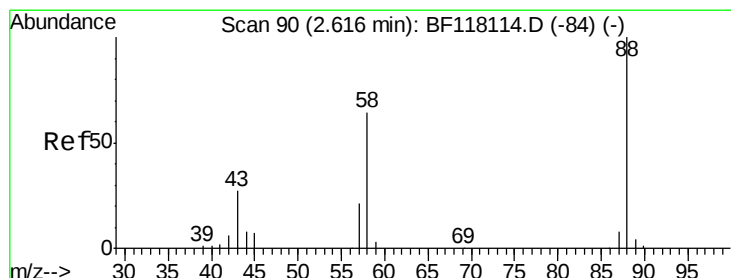
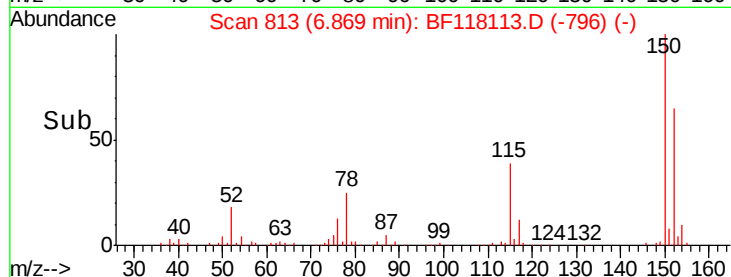
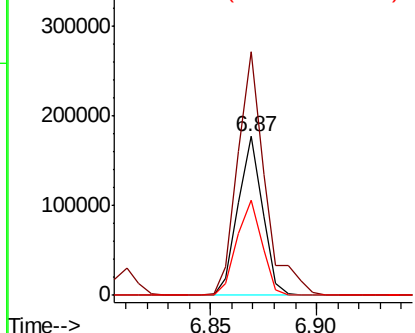
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142806
Ion Ratio Lower Upper
152 100
150 153.4 128.3 192.5
115 59.8 51.1 76.7



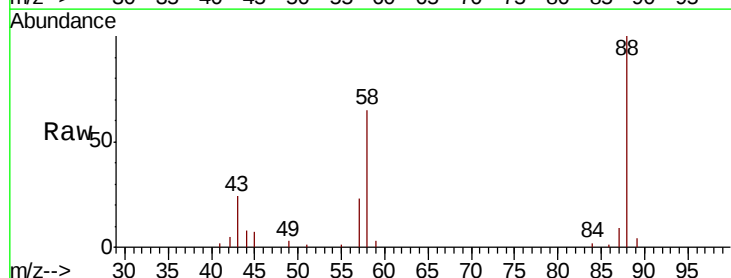
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



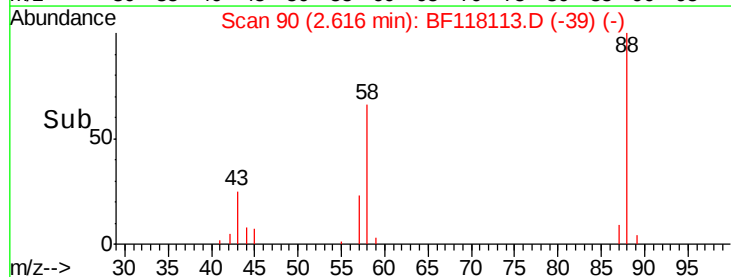
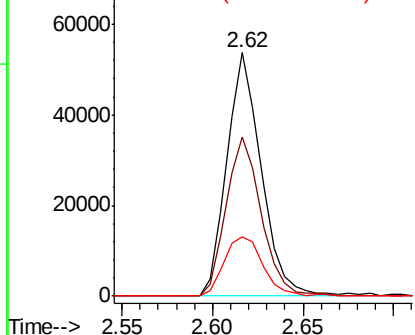
#2

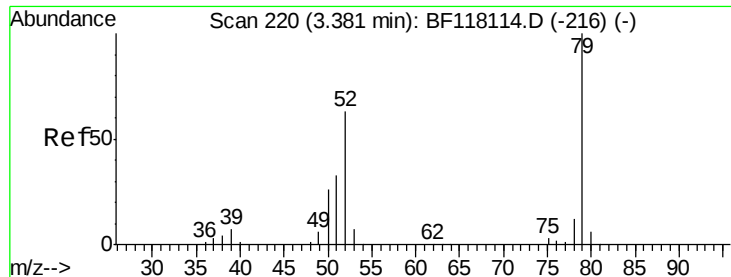
1,4-Dioxane
Concen: 18.759 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion: 88 Resp: 70743
Ion Ratio Lower Upper
88 100
58 66.9 52.2 78.4
43 27.5 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: 18.979 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

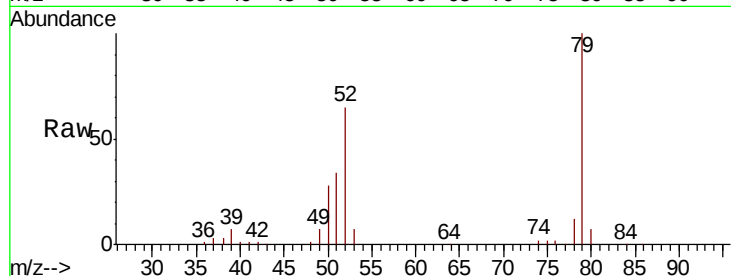
Tot Ion: 79 Resp: 187742

Ion Ratio Lower Upper

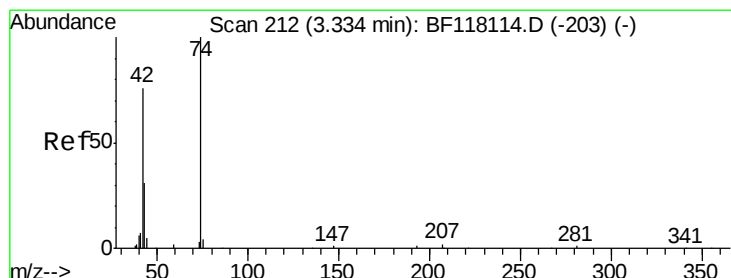
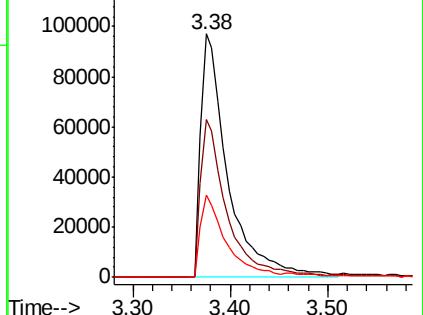
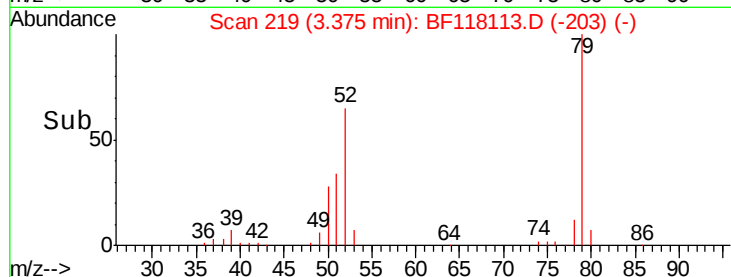
79 100

52 64.6 50.7 76.1

51 34.0 26.4 39.6



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



#4

n-Nitrosodimethylamine

Concen: 17.746 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

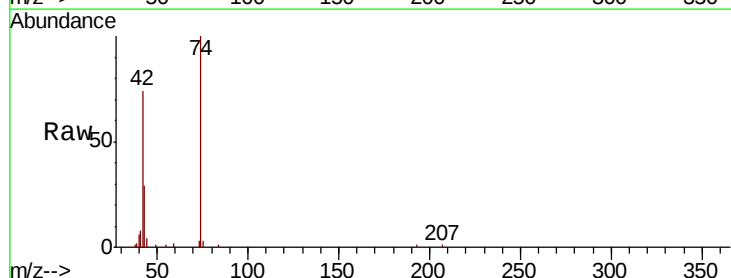
Tgt Ion: 42 Resp: 76629

Ion Ratio Lower Upper

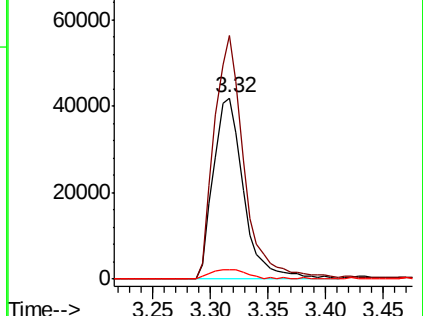
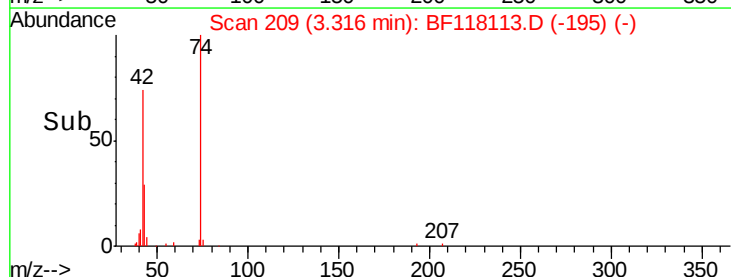
42 100

74 134.4 104.6 157.0

44 5.5 5.1 7.7



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





#5

2-Fluorophenol

Concen: 43.699 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

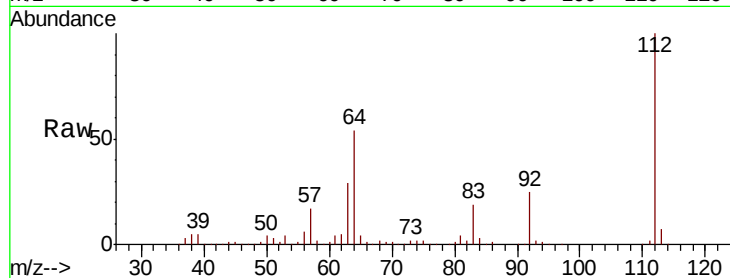
Tot Ion: 112 Resp: 352546

Ion Ratio Lower Upper

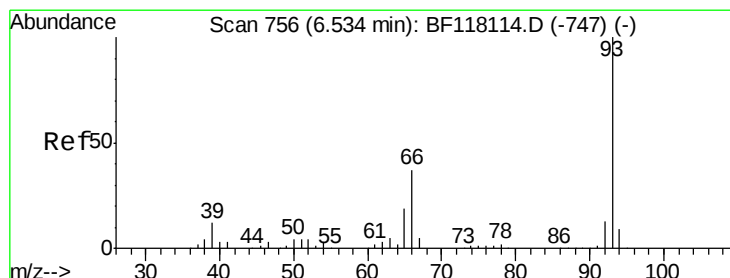
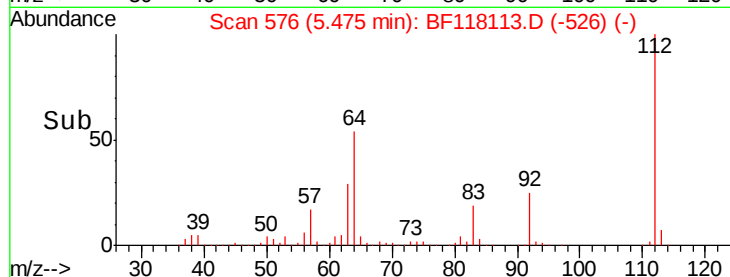
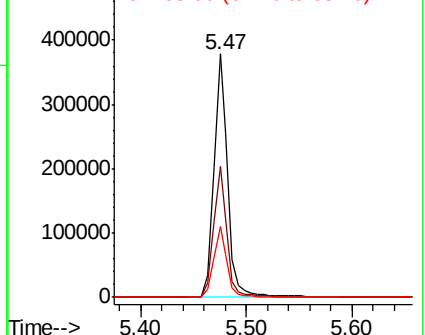
112 100

64 53.7 41.3 61.9

63 29.2 22.4 33.6



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



#6

Aniline

Concen: 21.133 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

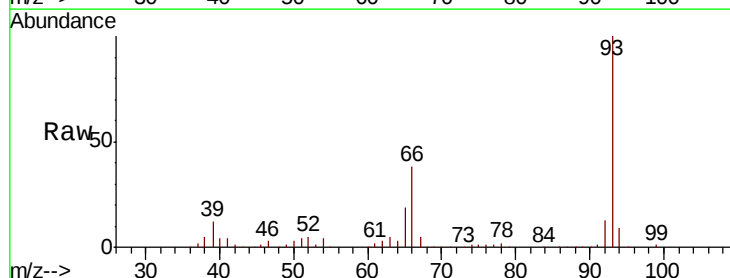
Tgt Ion: 93 Resp: 271746

Ion Ratio Lower Upper

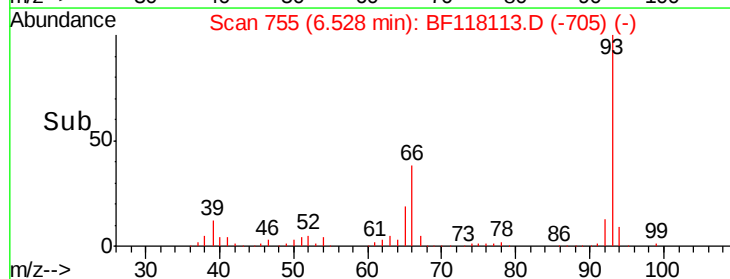
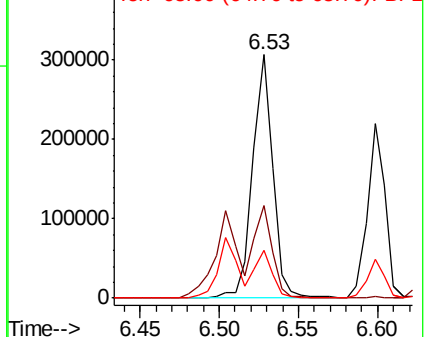
93 100

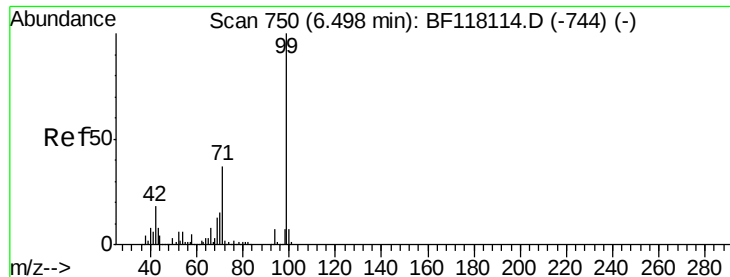
66 38.1 30.2 45.2

65 19.4 15.5 23.3



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





#7

Phenol-d6

Concen: 43.526 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

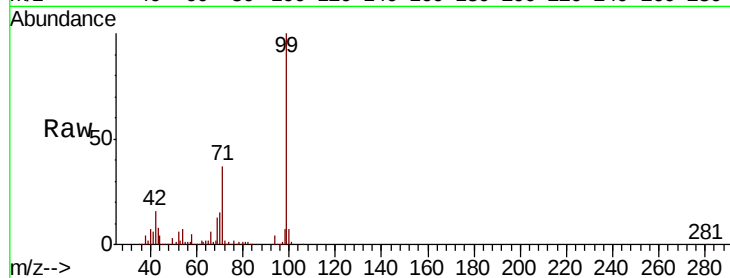
Tot Ion: 99 Resp: 423542

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

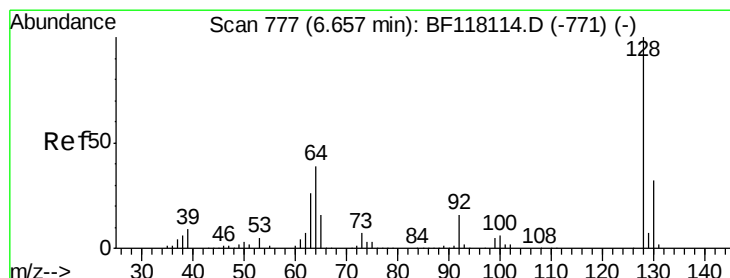
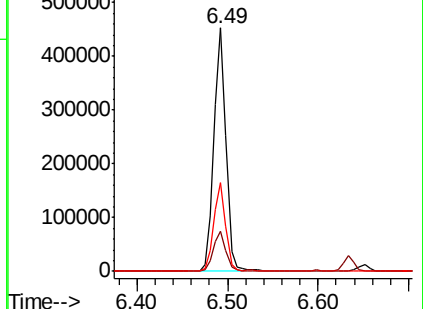
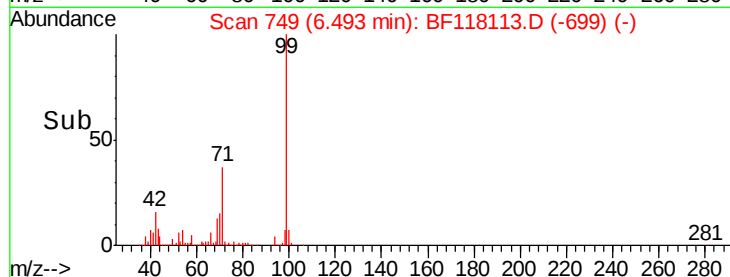
71 36.6 29.7 44.5



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: 22.824 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

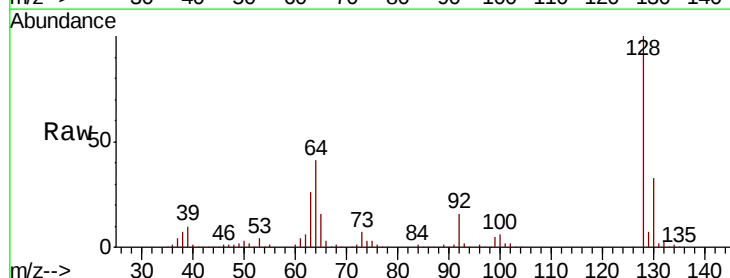
Tgt Ion: 128 Resp: 199803

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

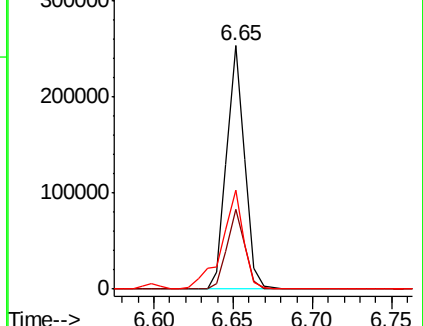
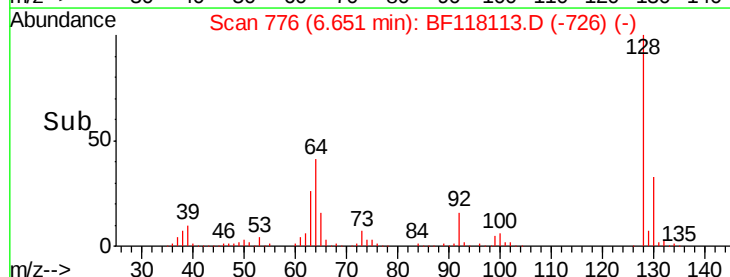
64 40.7 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.010 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

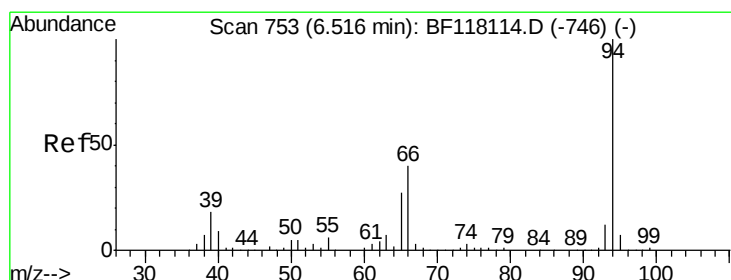
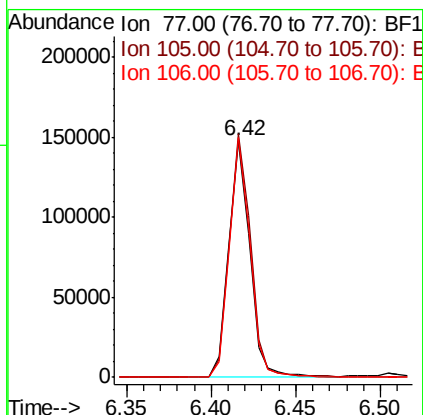
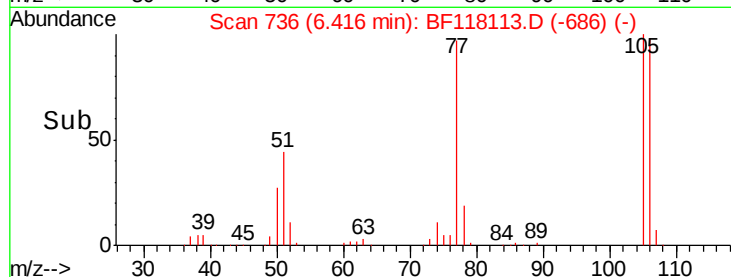
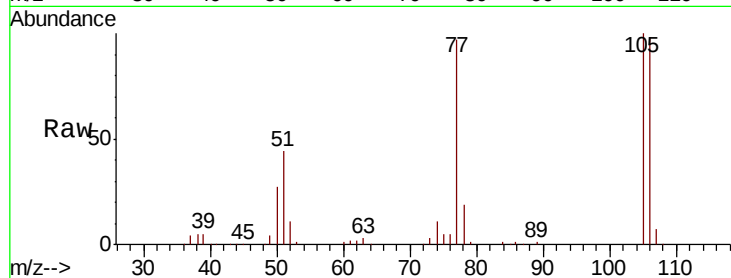
Tot Ion: 77 Resp: 127712

Ion Ratio Lower Upper

77 100

105 102.9 86.4 126.4

106 101.3 83.8 123.8



#10

Phenol

Concen: 23.780 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

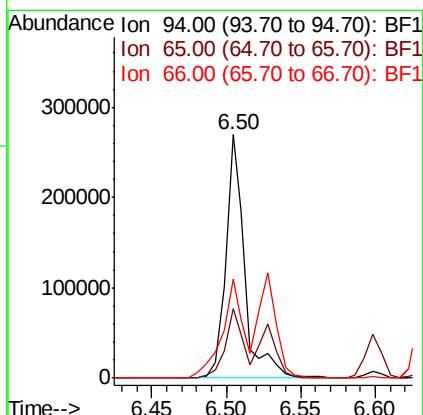
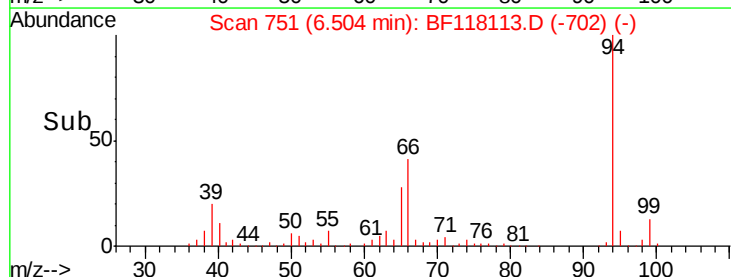
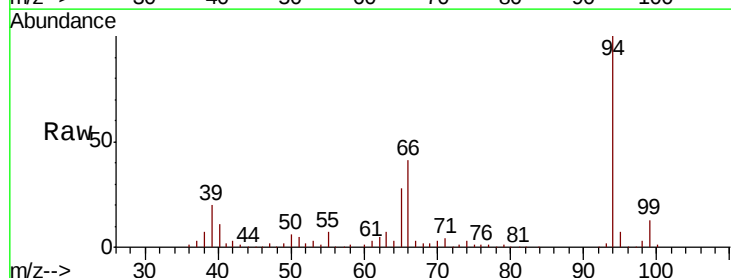
Tgt Ion: 94 Resp: 240455

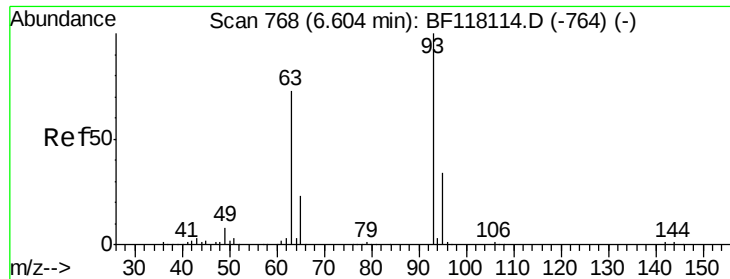
Ion Ratio Lower Upper

94 100

65 28.3 7.3 47.3

66 40.8 20.2 60.2

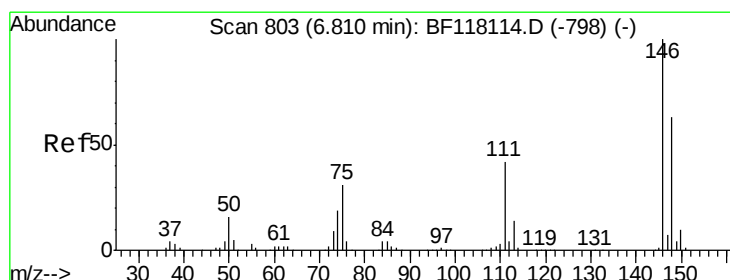
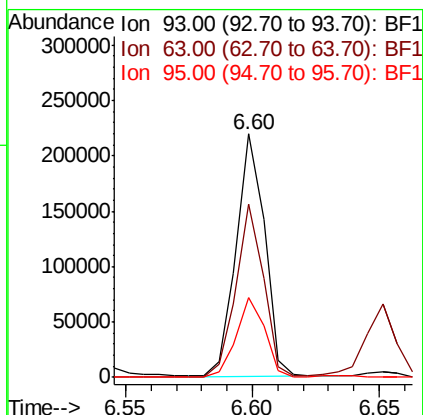
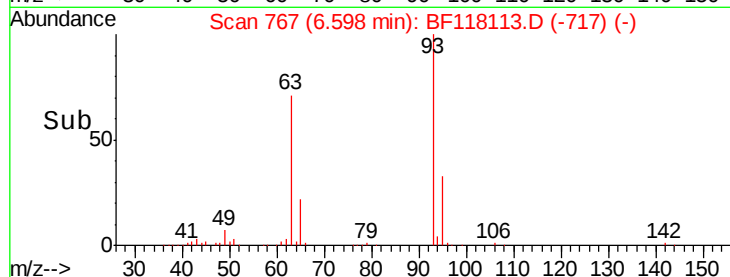
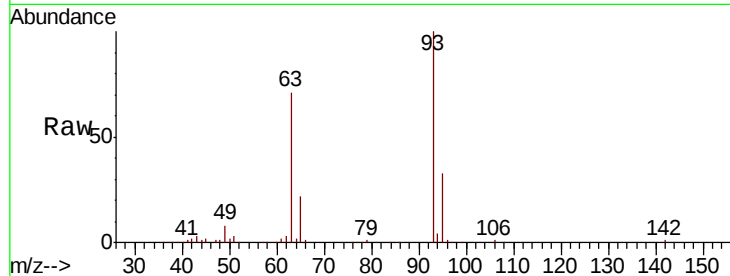




#11
bis(2-Chloroethyl)ether
Concen: 21.090 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

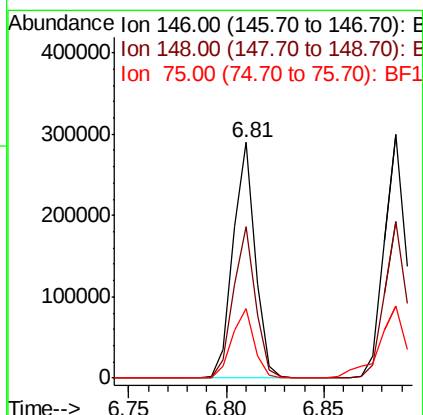
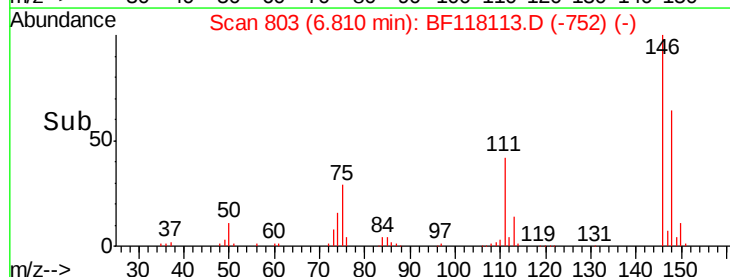
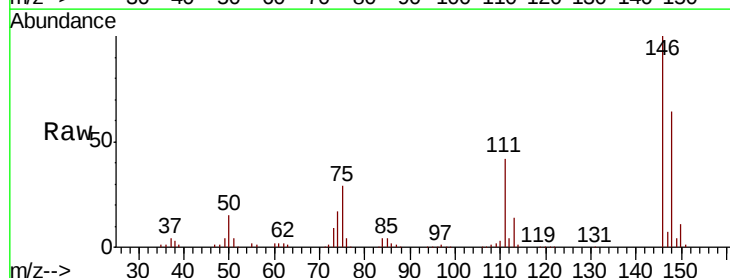
Instrument :
BNA_F
ClientSampled :

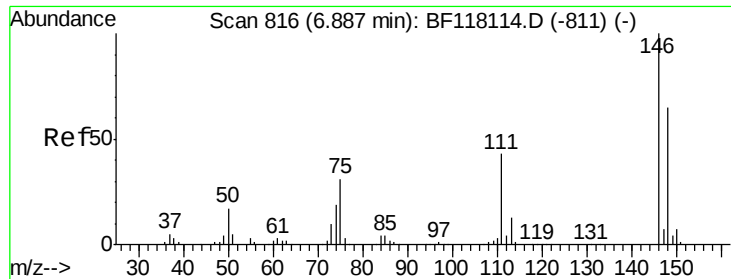
Tot Ion: 93 Resp: 171253
Ion Ratio Lower Upper
93 100
63 70.9 53.2 93.2
95 33.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 22.258 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion: 146 Resp: 229399
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.4
75 29.4 24.6 37.0

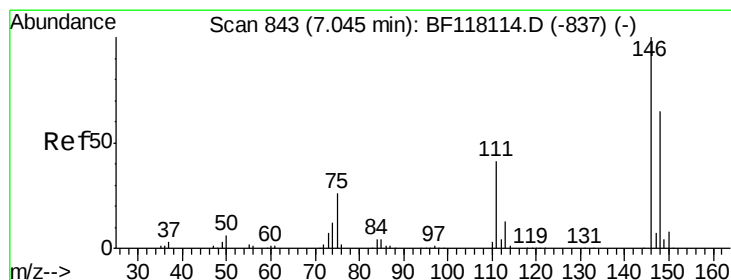
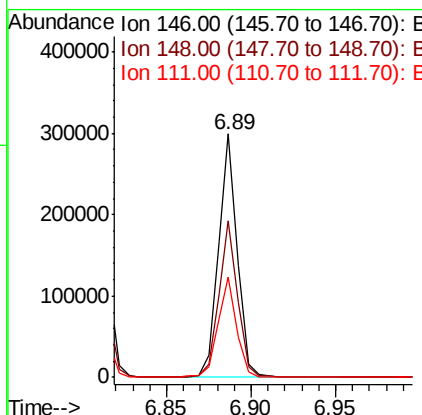
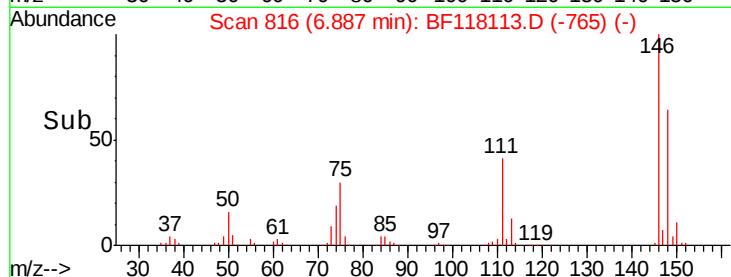
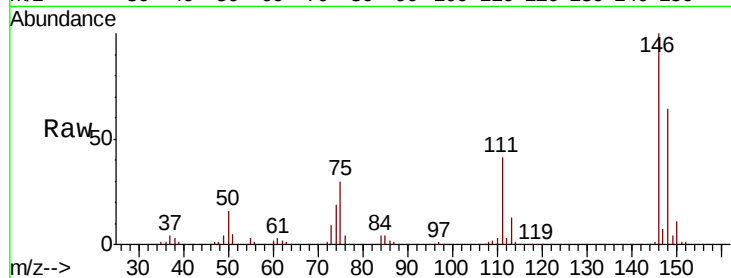




#13
 1,4-Dichlorobenzene
 Concen: 22.342 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

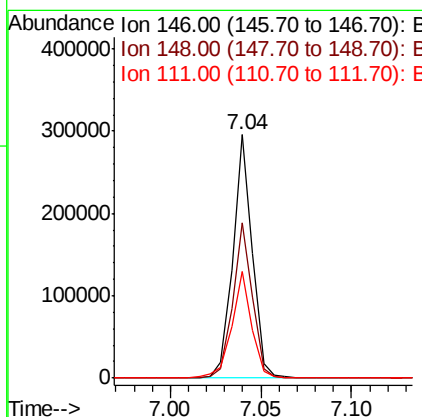
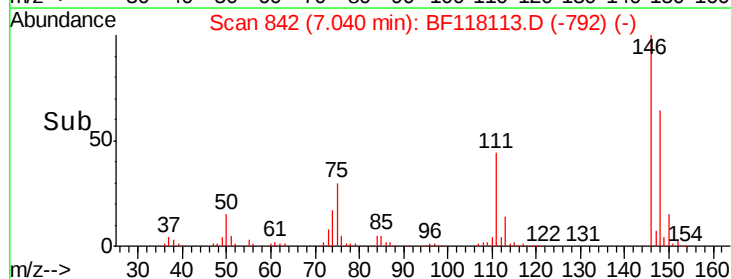
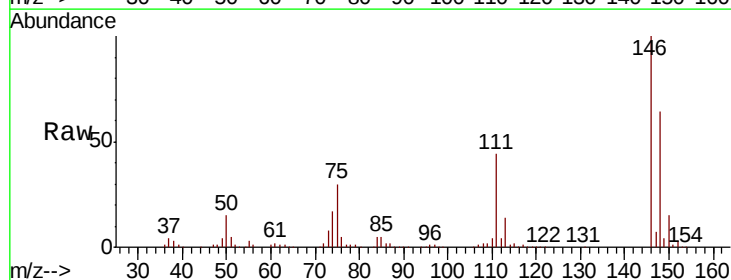
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 232746
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 41.2 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 22.105 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion:146 Resp: 220233
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 43.7 33.1 49.7





#15

Benzyl Alcohol

Concen: 21.972 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampled :

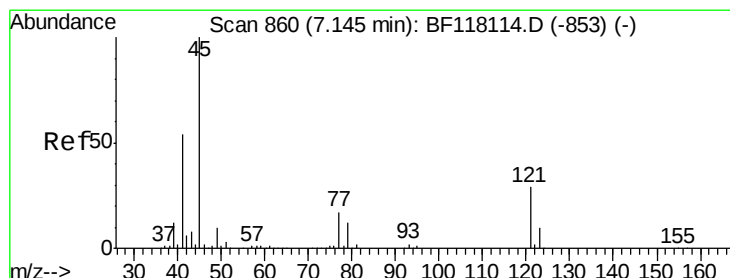
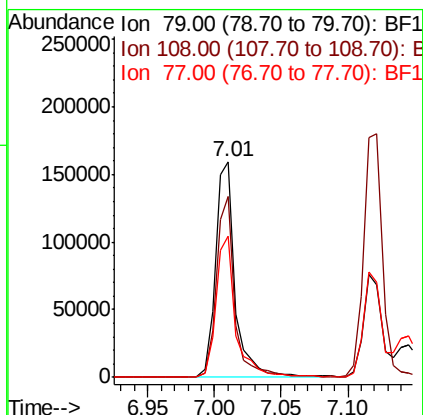
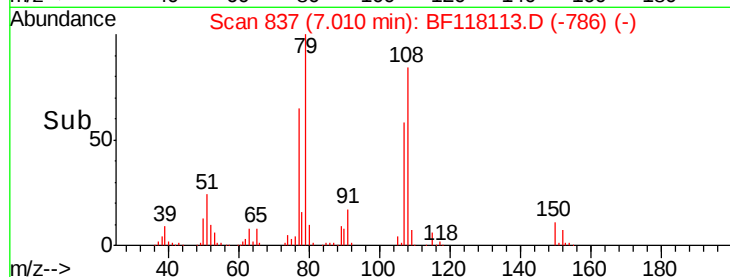
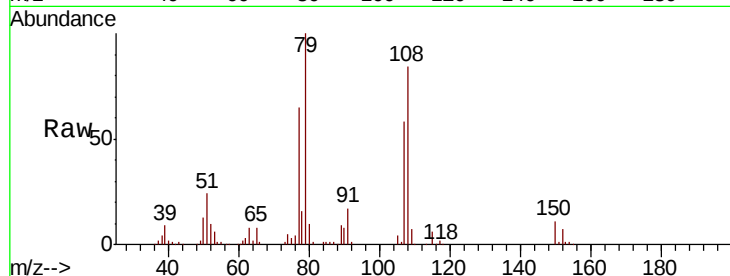
Tot Ion: 79 Resp: 165066

Ion Ratio Lower Upper

79 100

108 83.8 62.7 94.1

77 65.3 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.813 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

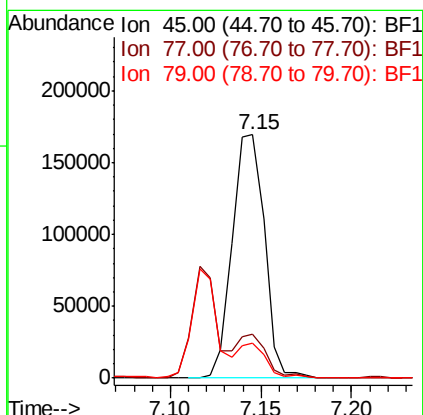
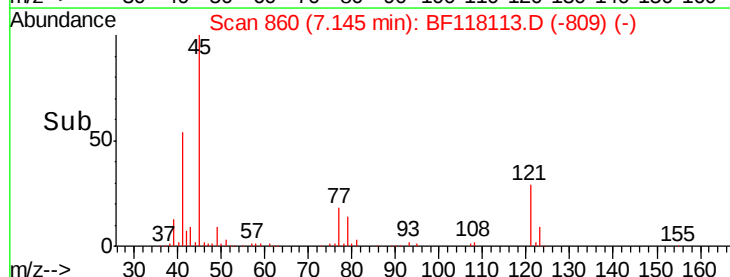
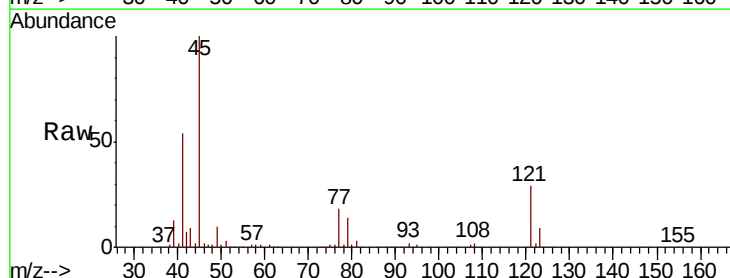
Tgt Ion: 45 Resp: 210195

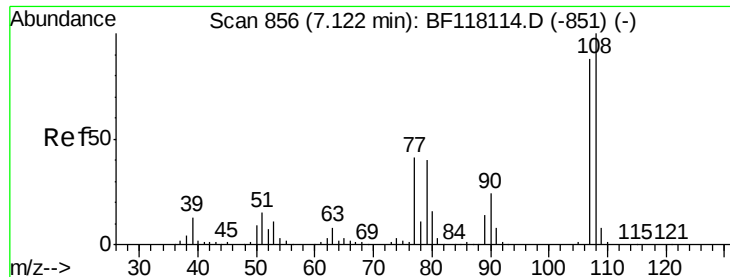
Ion Ratio Lower Upper

45 100

77 17.8 0.0 38.0

79 14.2 0.0 33.2

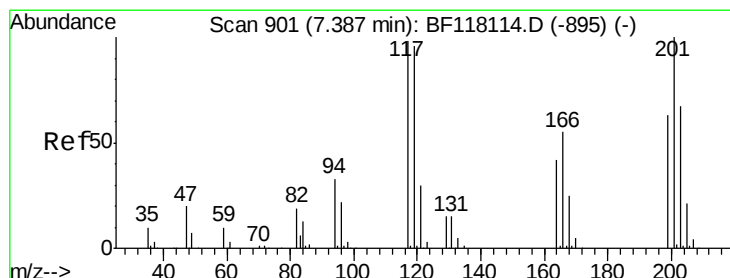
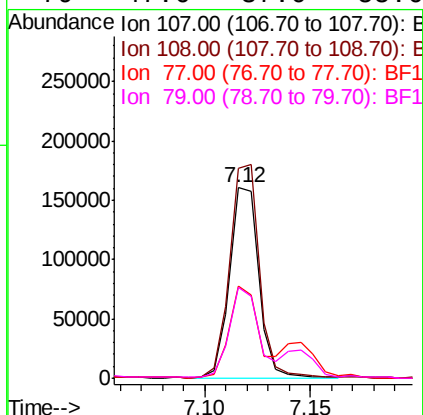
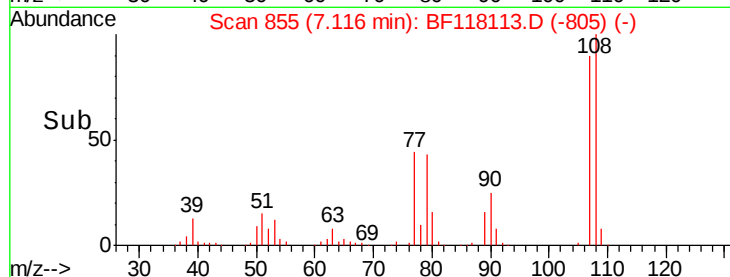
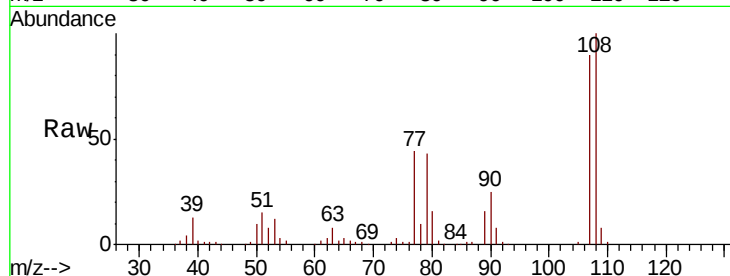




#17
2-Methylphenol
Concen: 20.685 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

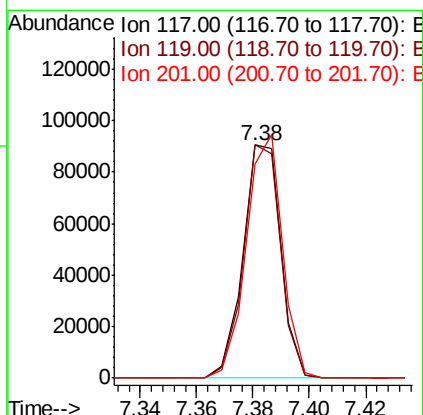
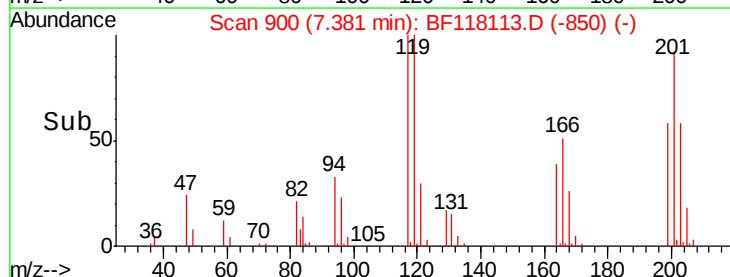
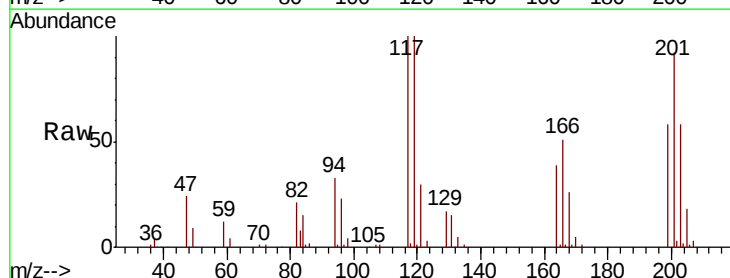
Instrument :
BNA_F
ClientSampled :

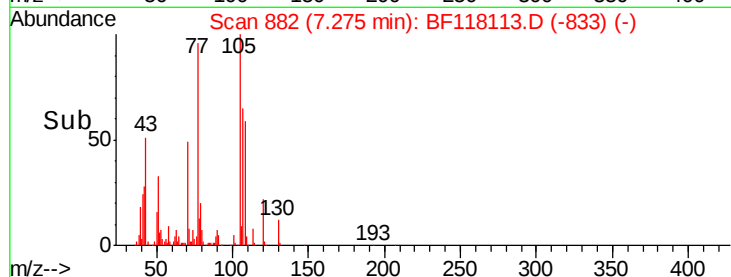
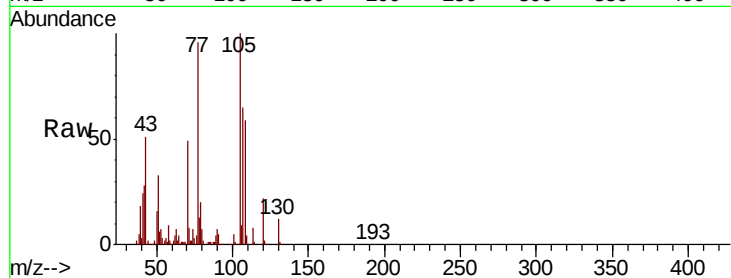
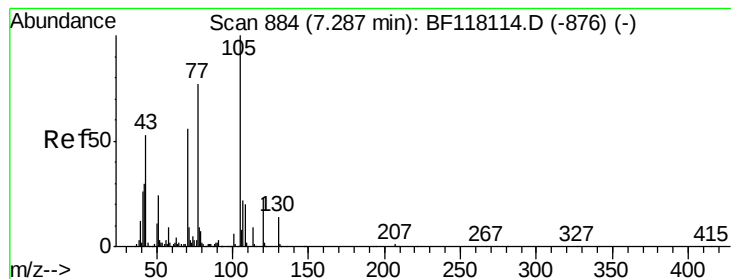
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.1	136.7
77	48.6	37.8	56.6
79	47.6	37.0	55.6



#18
Hexachloroethane
Concen: 21.985 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	78.2	117.4
201	91.9	81.6	122.4





#19

n-Nitroso-di-n-propylamine

Concen: 21.399 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 128461

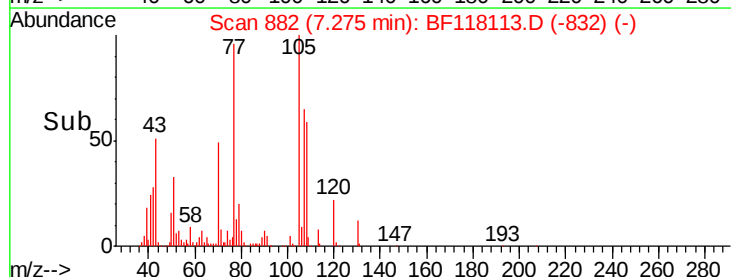
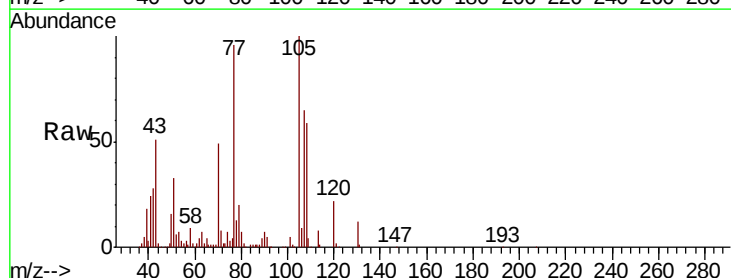
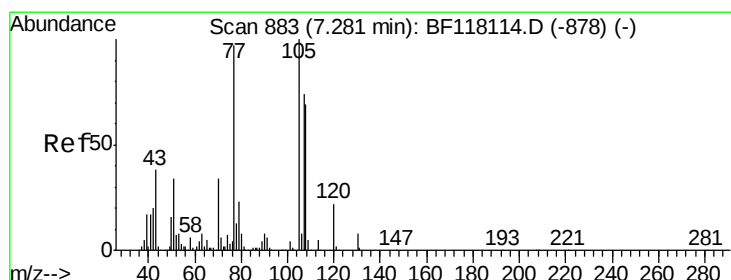
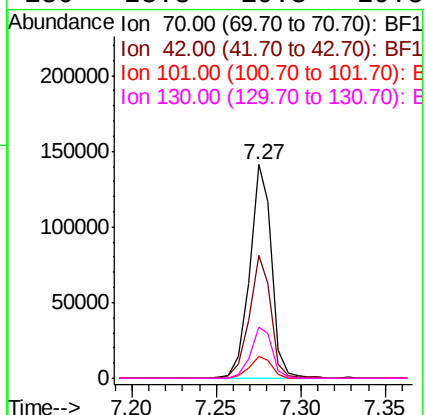
Ion Ratio Lower Upper

70 100

42 57.8 43.2 64.8

101 10.2 8.1 12.1

130 23.8 19.8 29.8



#20

3+4-Methylphenols

Concen: 22.029 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Tgt Ion: 107 Resp: 202723

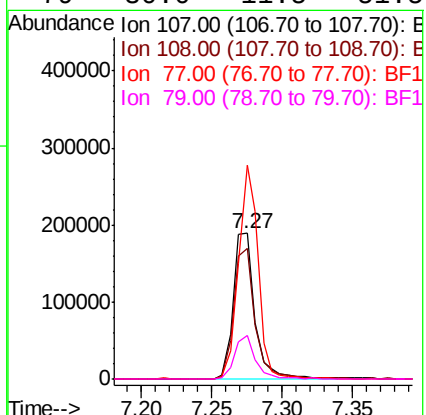
Ion Ratio Lower Upper

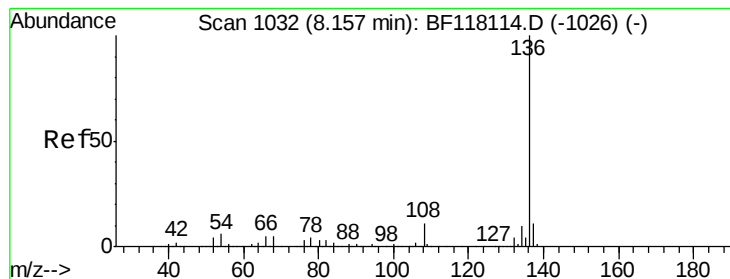
107 100

108 90.1 73.2 113.2

77 146.8 110.9 150.9

79 30.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 553537

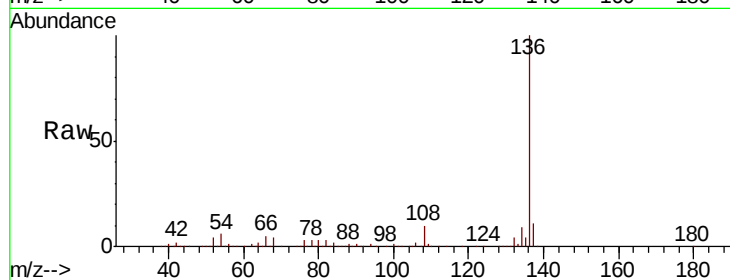
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.2 5.0 7.6

68 4.5 3.8 5.8

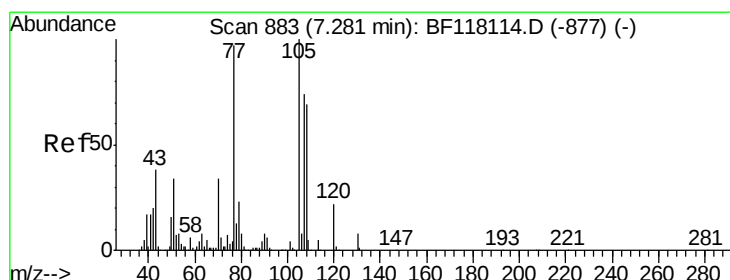
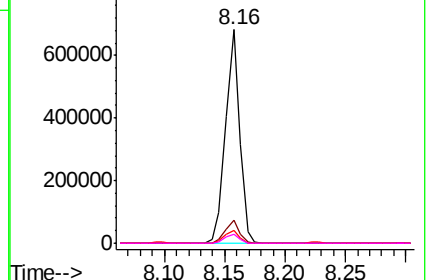
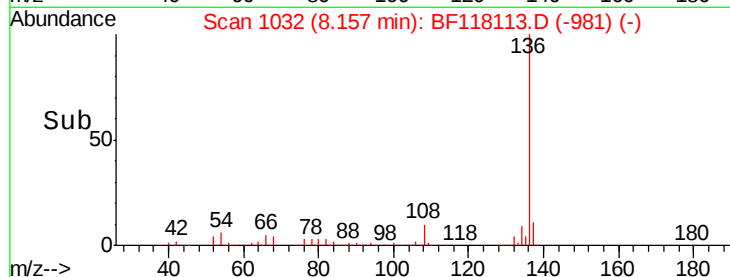


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.357 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Tgt Ion:105 Resp: 278037

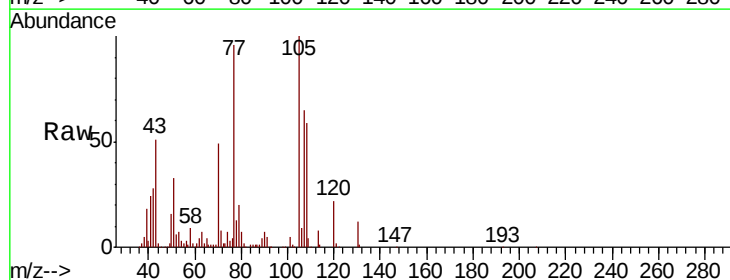
Ion Ratio Lower Upper

105 100

71 8.2 4.7 7.1#

51 33.0 27.1 40.7

120 22.3 17.8 26.6

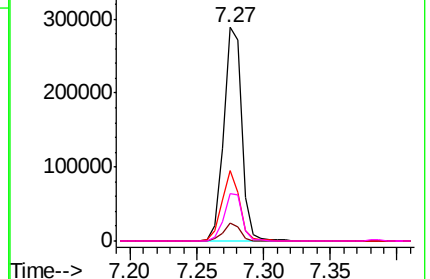
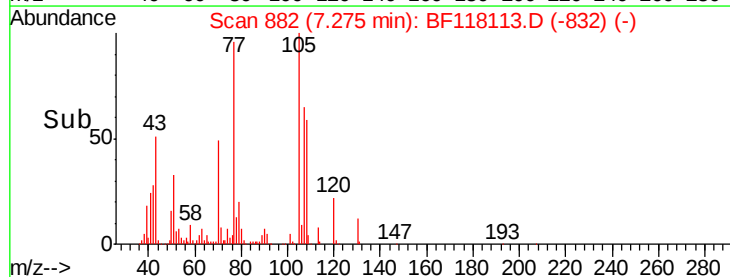


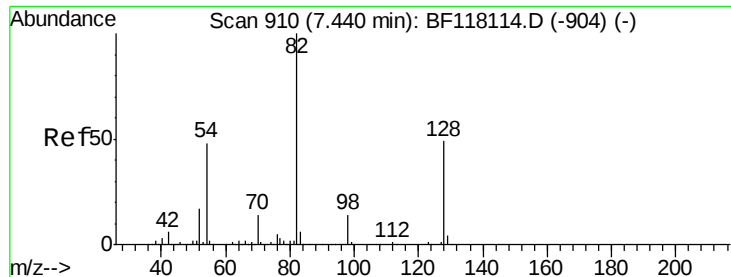
Abundance Ion 105.00 (104.70 to 105.70): E

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

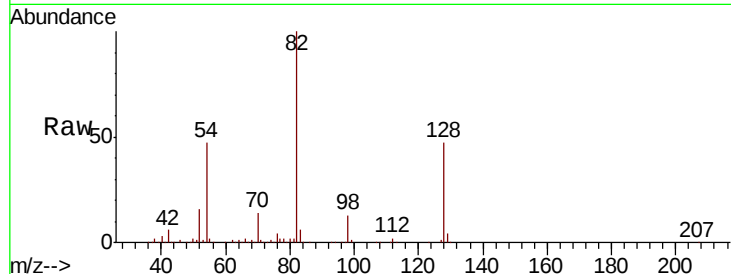




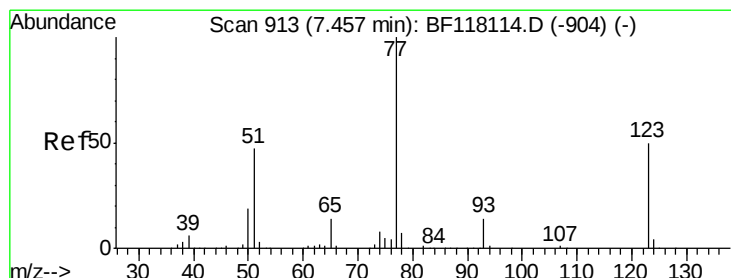
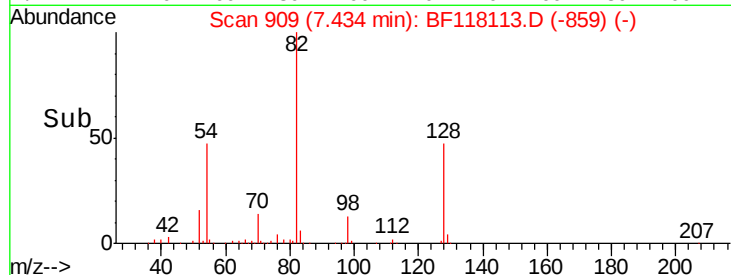
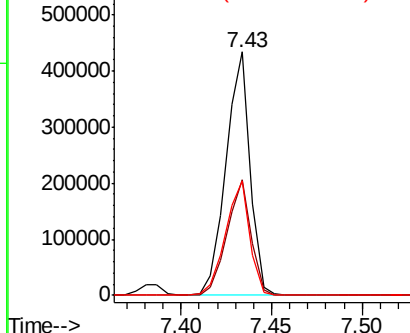
#23
 Nitrobenzene-d5
 Concen: 43.332 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	403493
Ion Ratio	Lower	Upper	
82	100		
128	47.4	39.1	58.7
54	46.9	38.2	57.2

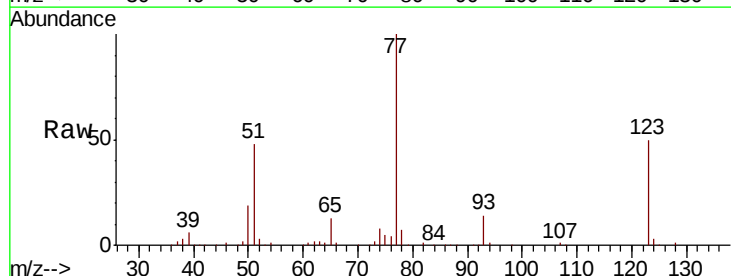


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

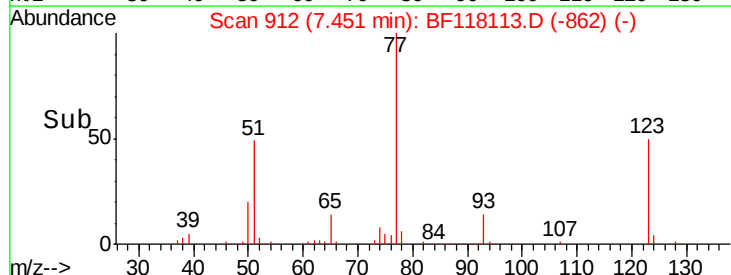
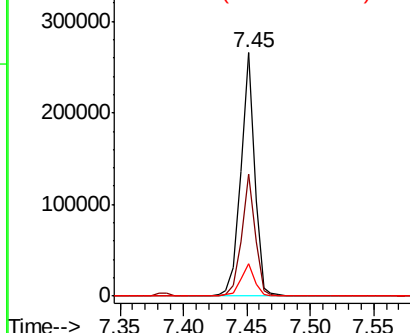


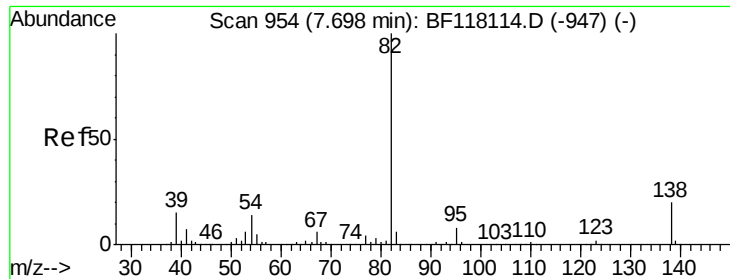
#24
 Nitrobenzene
 Concen: 20.660 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion	77	Resp	198461
Ion Ratio	Lower	Upper	
77	100		
123	50.2	40.1	60.1
65	13.4	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

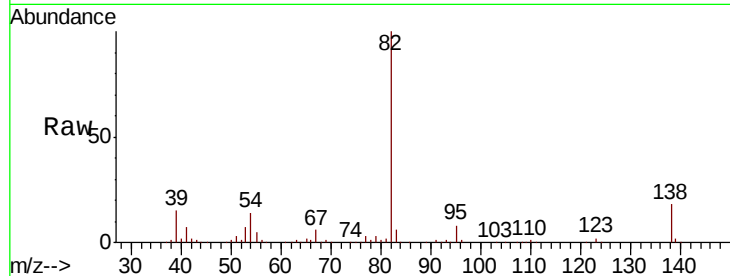




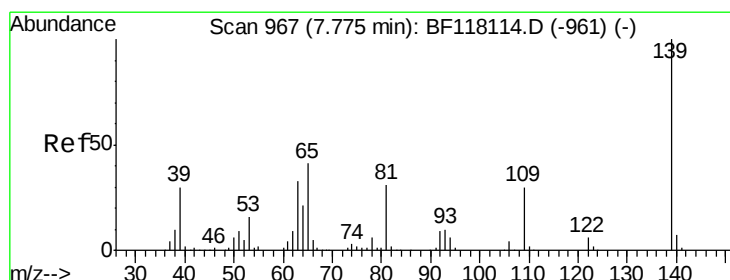
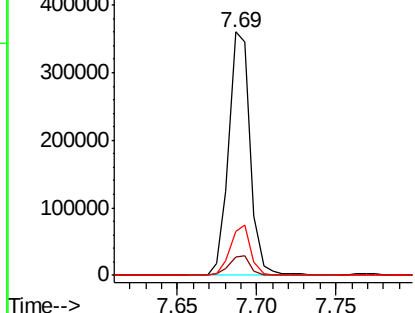
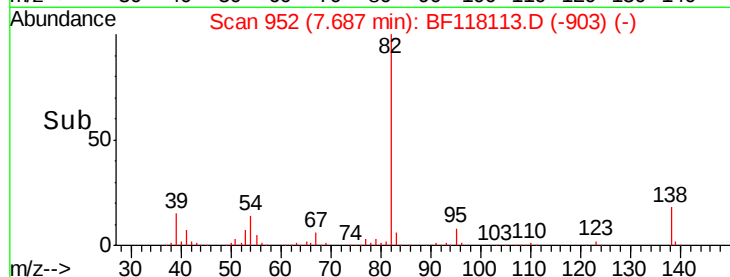
#25
Isophorone
Concen: 20.006 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 341438
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 18.0 16.3 24.5

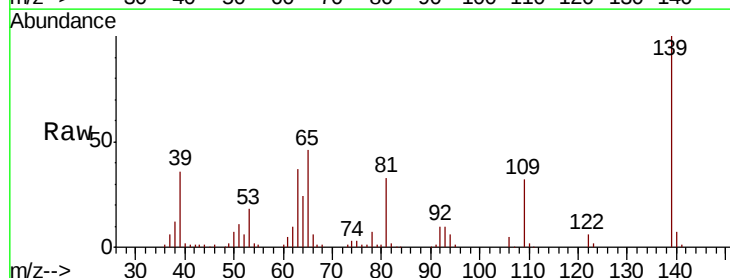


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

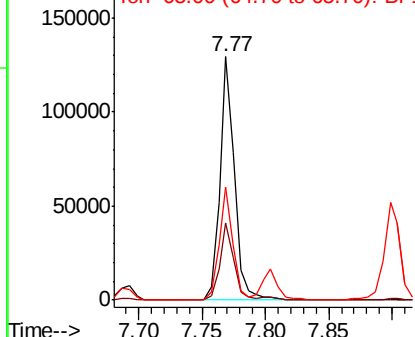
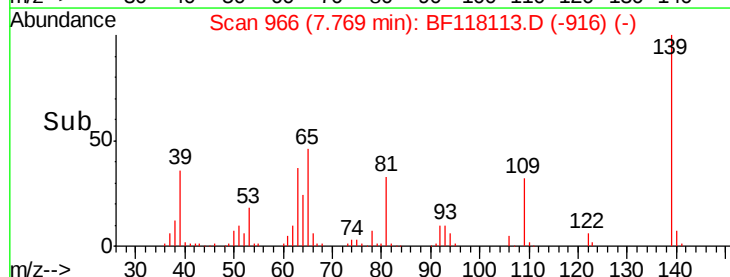


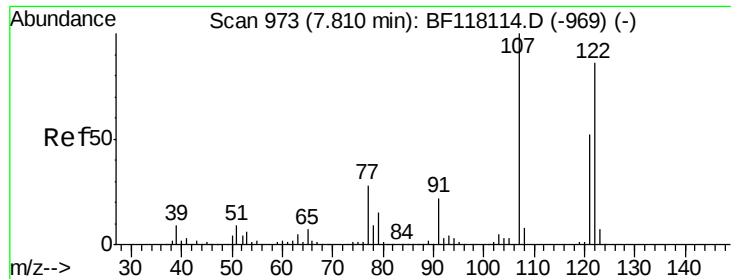
#26
2-Nitrophenol
Concen: 22.334 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion: 139 Resp: 104425
Ion Ratio Lower Upper
139 100
109 31.5 23.9 35.9
65 46.2 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 19.372 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

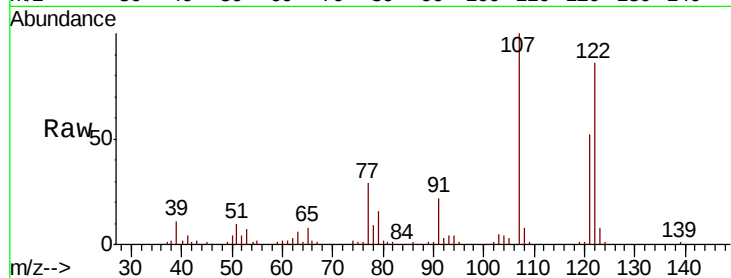
Tot Ion:122 Resp: 140743

Ion Ratio Lower Upper

122 100

107 116.9 92.9 139.3

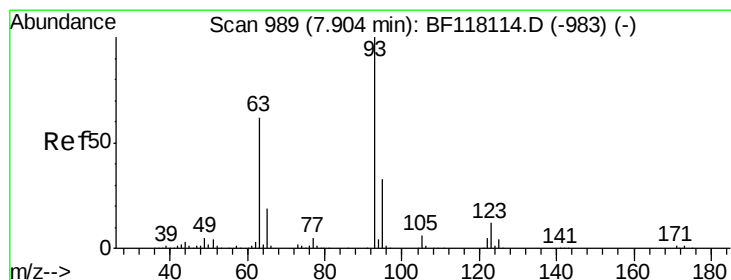
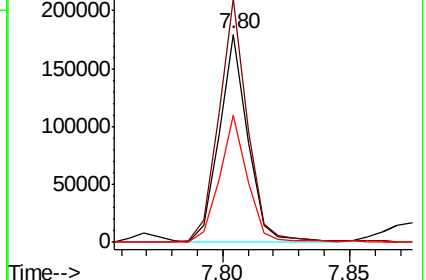
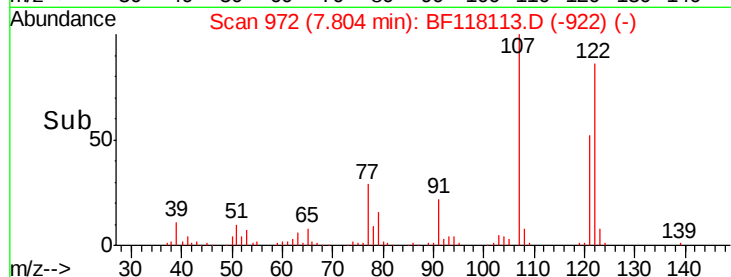
121 60.9 48.3 72.5



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: 21.060 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

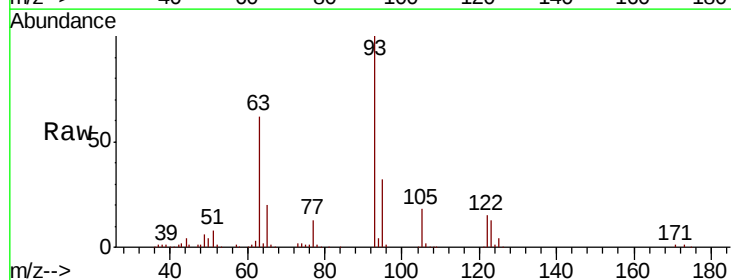
Tgt Ion: 93 Resp: 228083

Ion Ratio Lower Upper

93 100

95 32.0 26.7 40.1

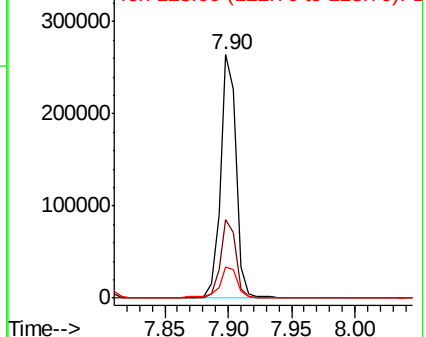
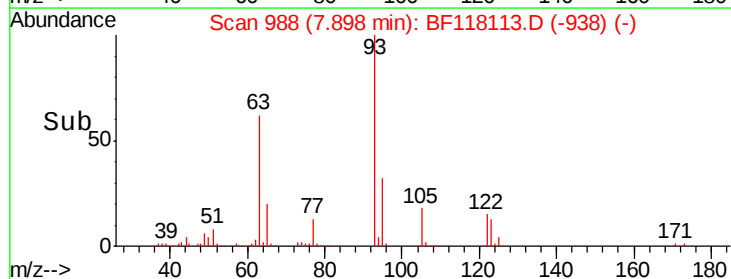
123 13.0 10.0 15.0

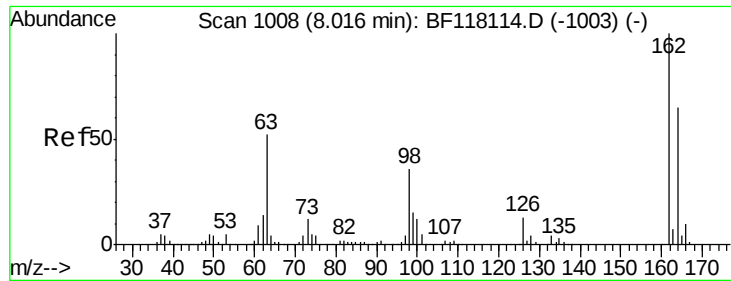


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

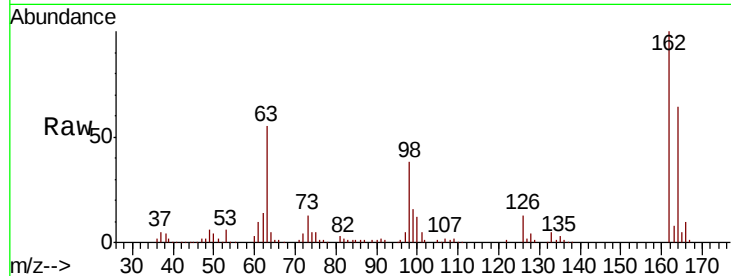




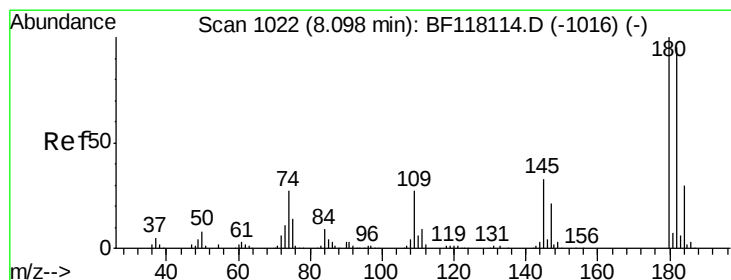
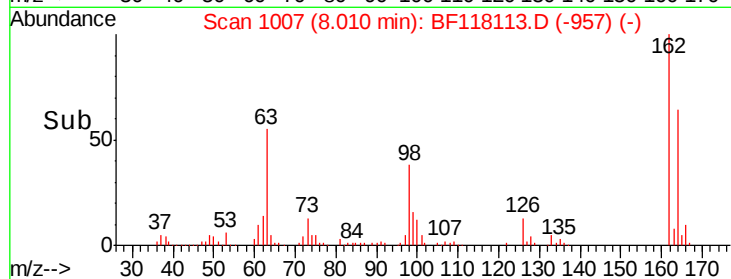
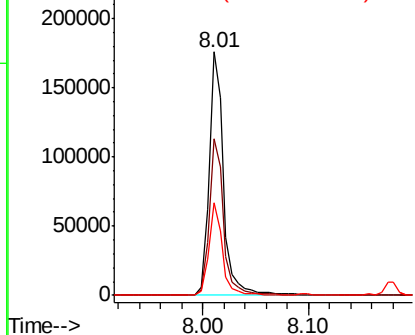
#29
2,4-Dichlorophenol
Concen: 21.226 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 167275
Ion Ratio Lower Upper
162 100
164 64.4 45.2 85.2
98 37.8 15.9 55.9

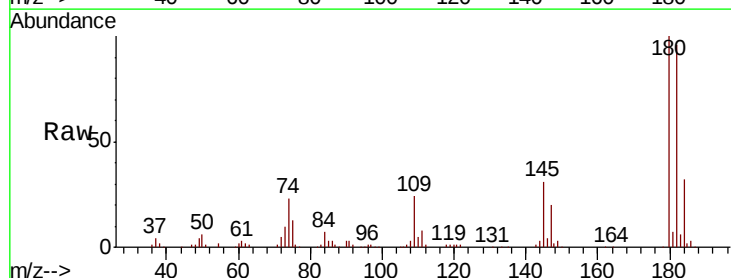


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

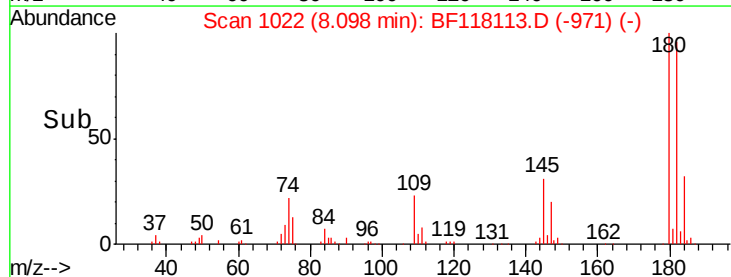
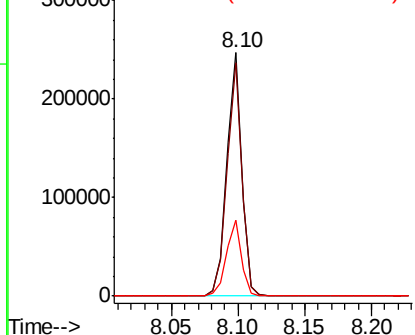


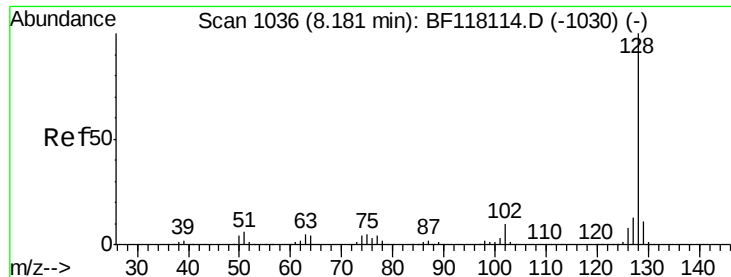
#30
1,2,4-Trichlorobenzene
Concen: 21.596 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:180 Resp: 197415
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 31.2 26.1 39.1



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

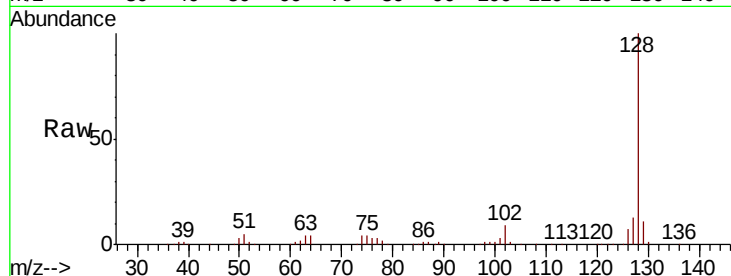




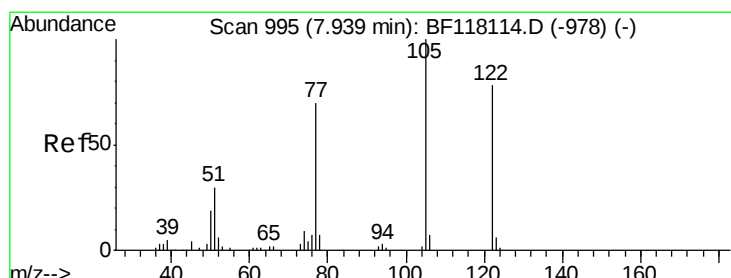
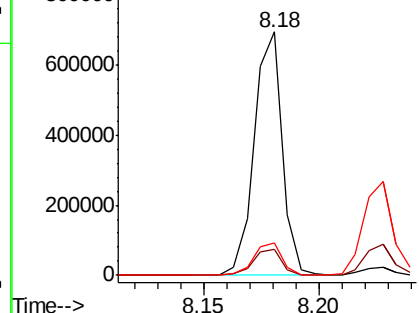
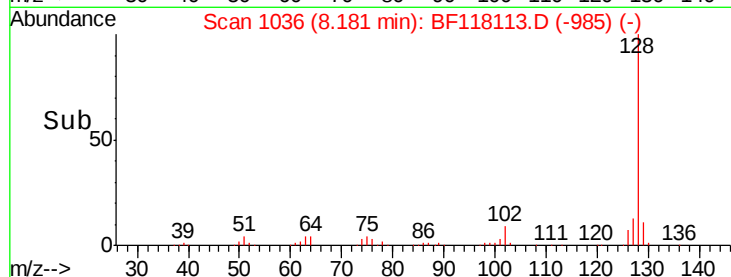
#31
Naphthalene
Concen: 22.884 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 590521
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 13.1 10.6 16.0

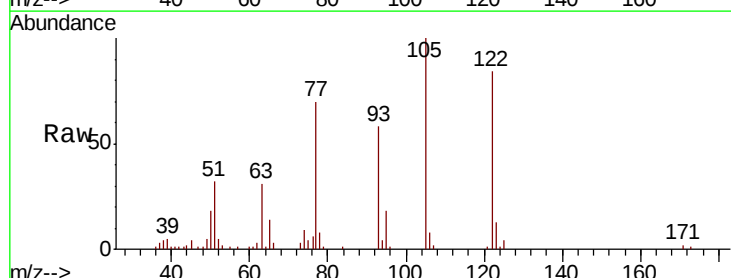


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

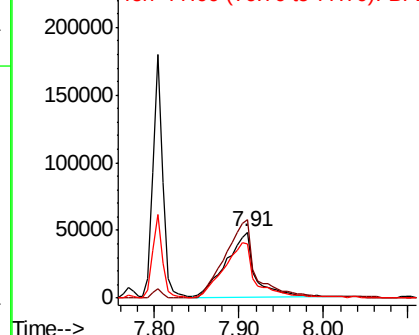
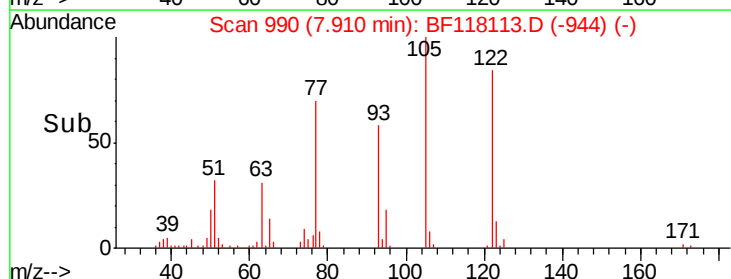


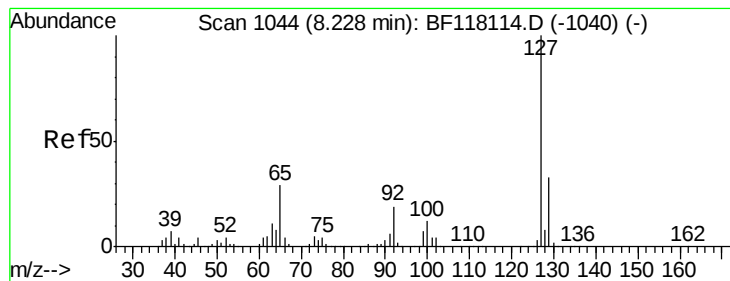
#32
Benzoic acid
Concen: 19.337 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:122 Resp: 117635
Ion Ratio Lower Upper
122 100
105 118.5 104.7 144.7
77 82.6 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: 21.547 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 248919

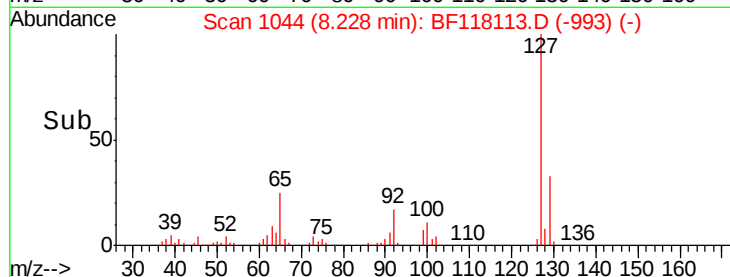
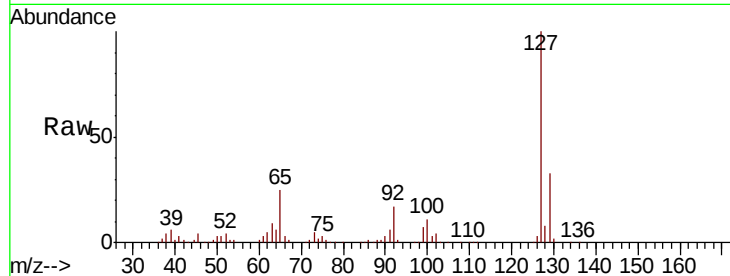
Ion Ratio Lower Upper

127 100

129 32.9 26.6 40.0

65 25.4 23.2 34.8

92 17.2 15.4 23.0

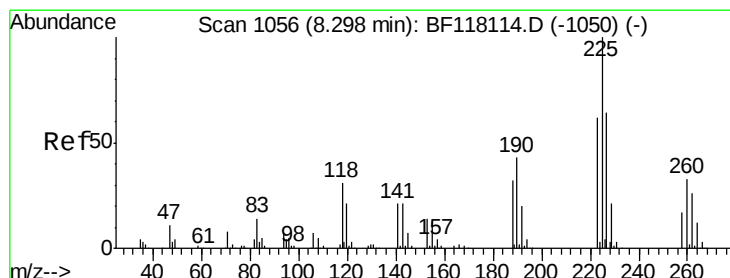
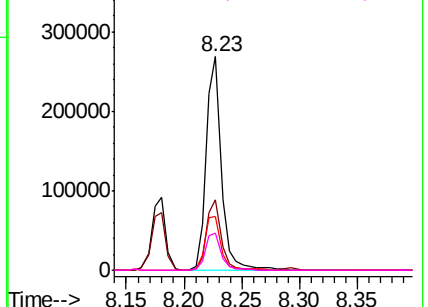


Abundance Ion 127.00 (126.70 to 127.70): E

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: 22.101 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

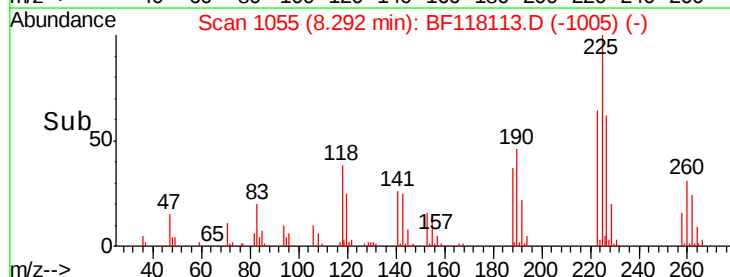
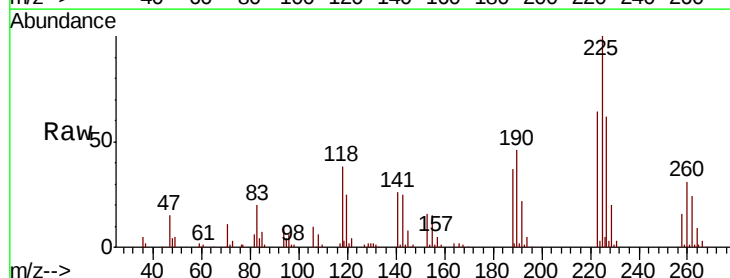
Tgt Ion:225 Resp: 118122

Ion Ratio Lower Upper

225 100

223 63.9 49.6 74.4

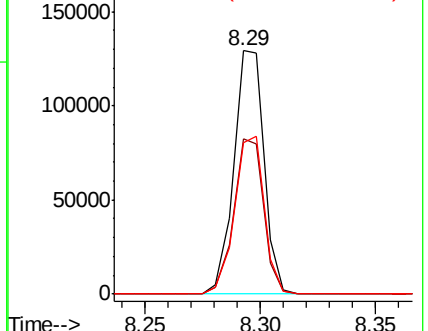
227 62.2 51.0 76.6

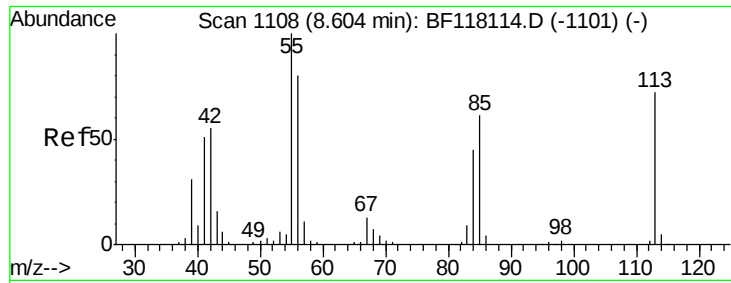


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

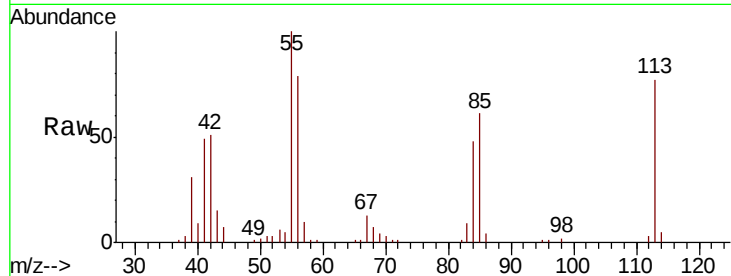




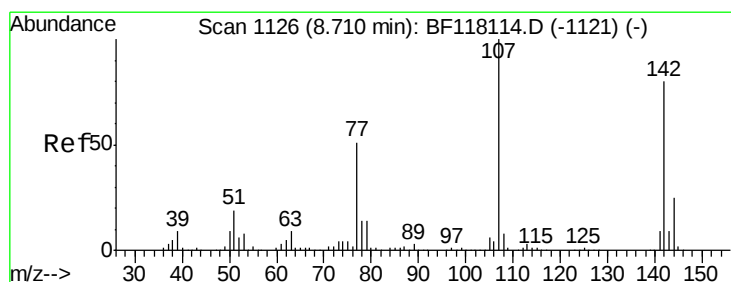
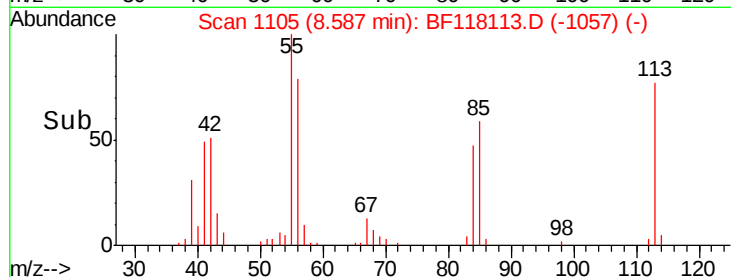
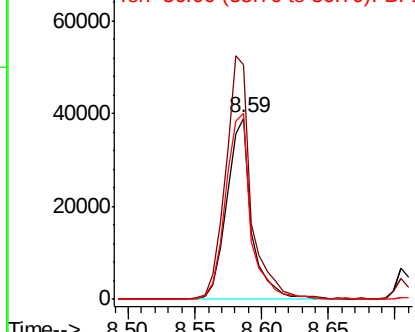
#35
 Caprolactam
 Concen: 20.411 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 51121
 Ion Ratio Lower Upper
 113 100
 55 129.1 118.9 158.9
 56 102.6 91.4 131.4

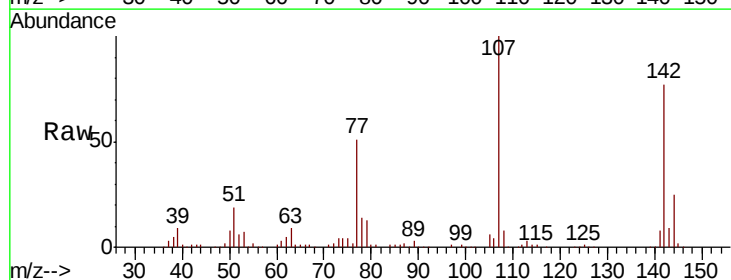


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

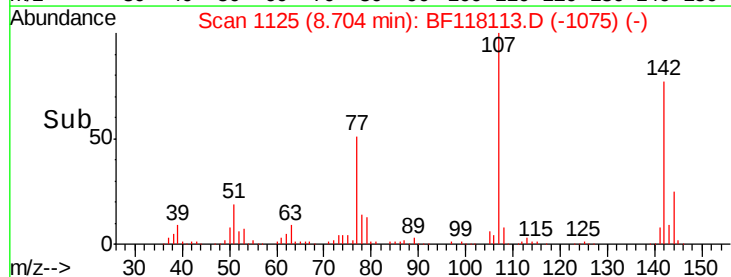
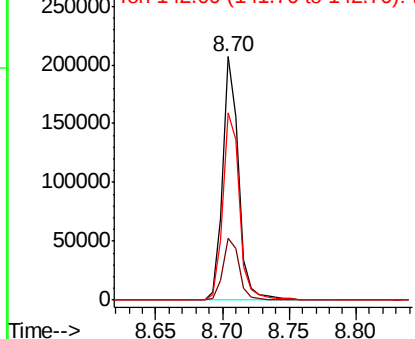


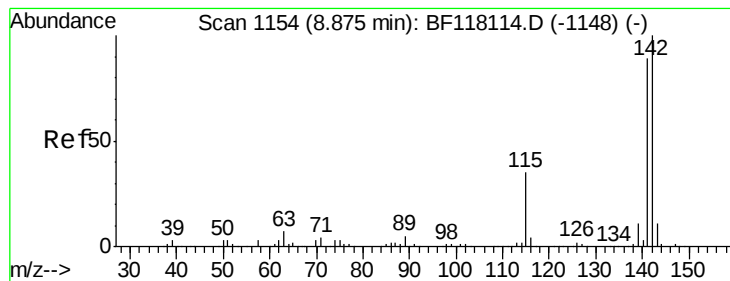
#36
 4-Chloro-3-methylphenol
 Concen: 21.995 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion:107 Resp: 175914
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.3 30.5
 142 76.7 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: 22.905 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

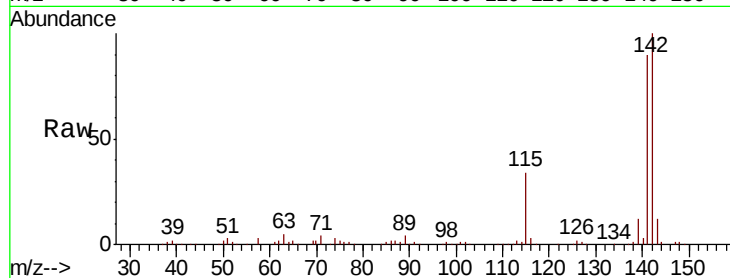
Tot Ion:142 Resp: 399370

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.0

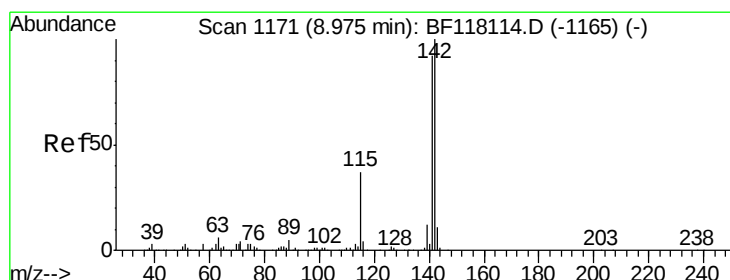
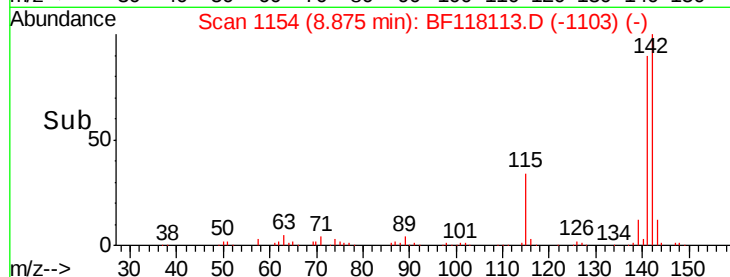
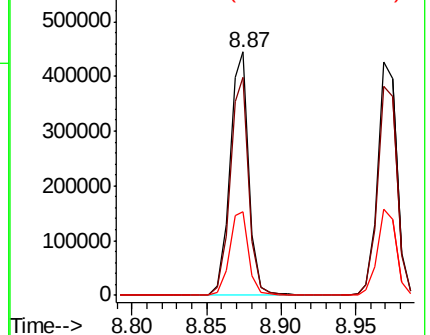
115 34.4 28.2 42.4



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: 22.823 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

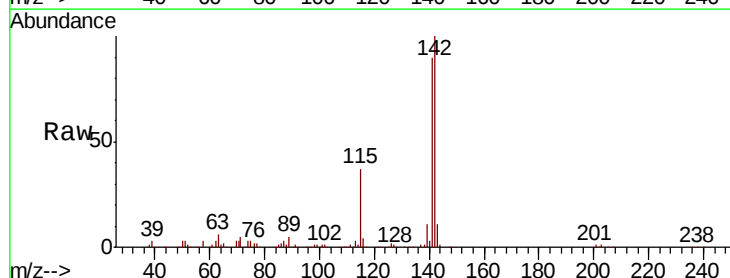
Tgt Ion:142 Resp: 376215

Ion Ratio Lower Upper

142 100

141 89.7 74.0 111.0

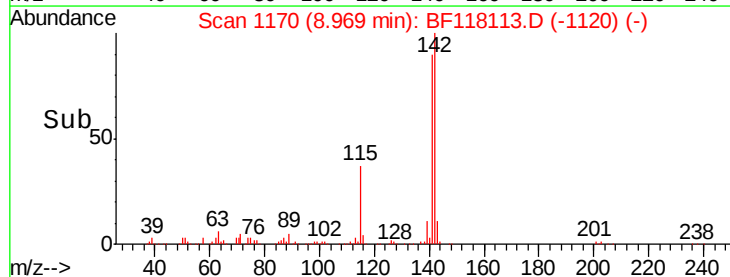
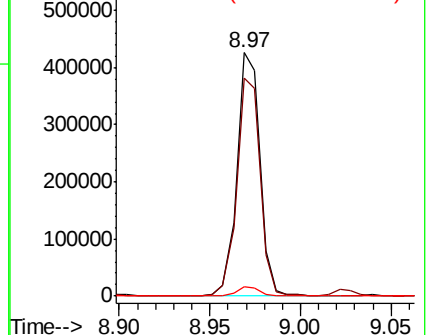
116 4.0 3.2 4.8

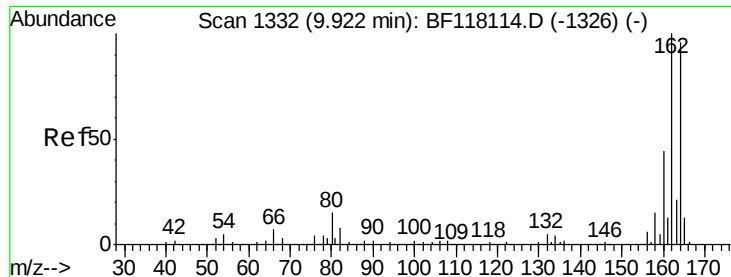


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

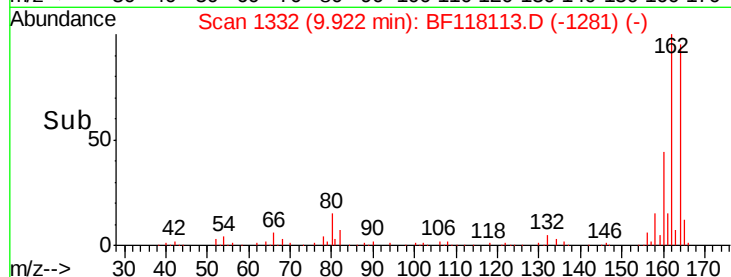
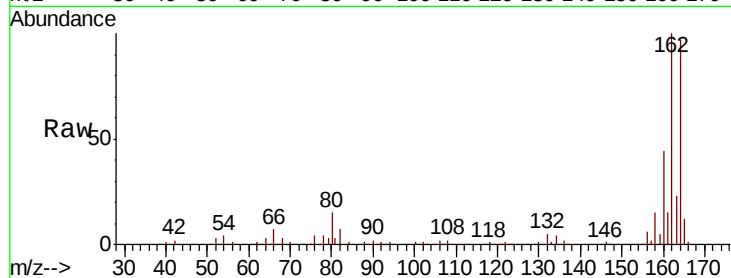
Tot Ion:164 Resp: 296504

Ion Ratio Lower Upper

164 100

162 102.9 83.4 125.0

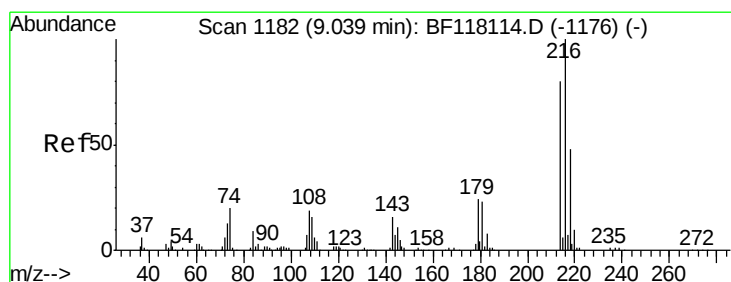
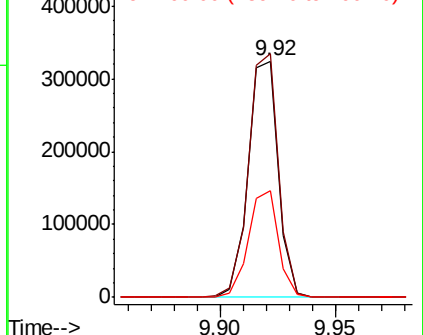
160 45.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.706 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Tgt Ion:216 Resp: 186908

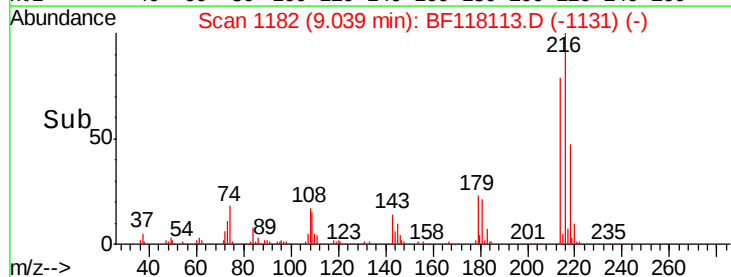
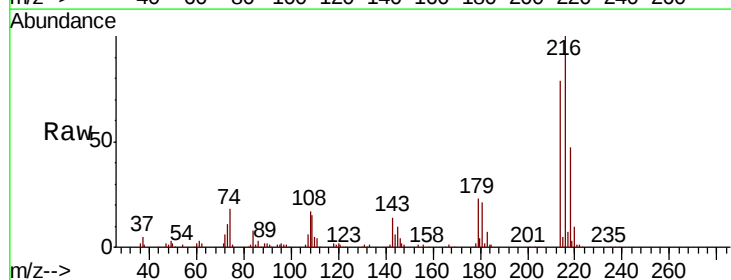
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 23.0 18.6 27.8

108 18.8 15.4 23.0

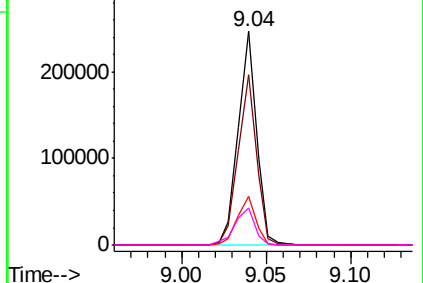


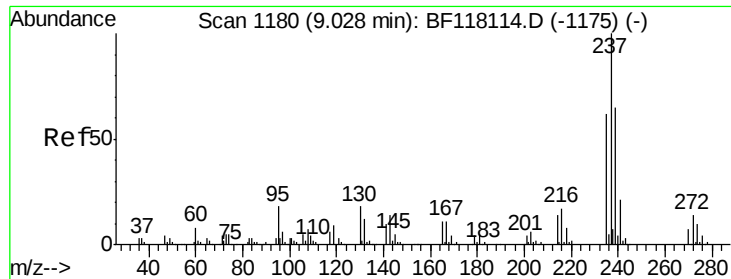
Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.088 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

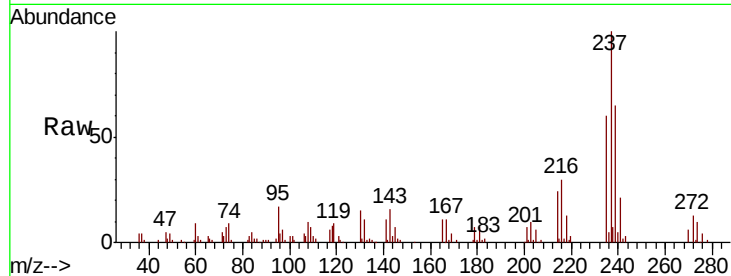
Tot Ion:237 Resp: 72806

Ion Ratio Lower Upper

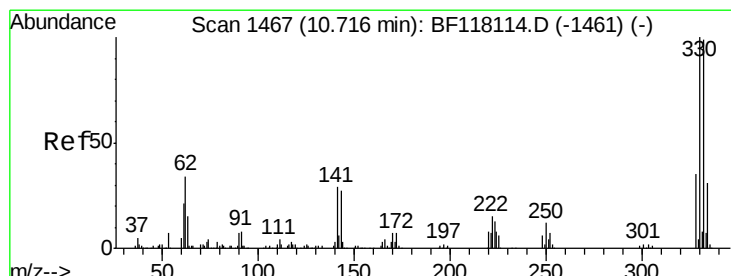
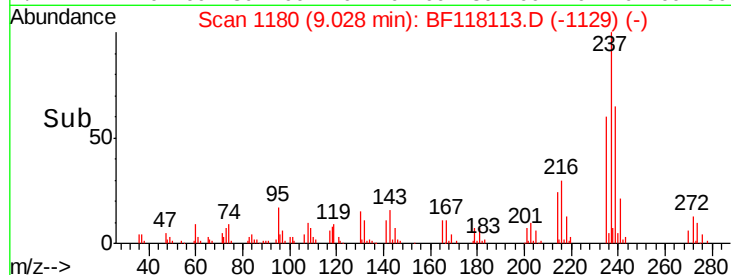
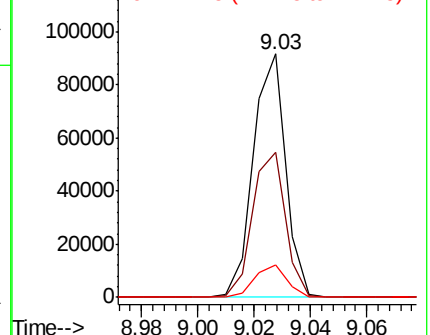
237 100

235 59.7 41.5 81.5

272 13.1 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: 47.848 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

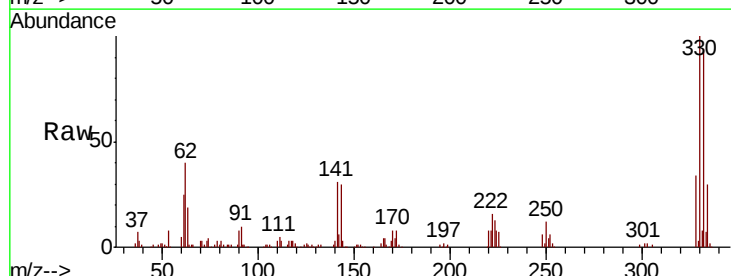
Tgt Ion:330 Resp: 150198

Ion Ratio Lower Upper

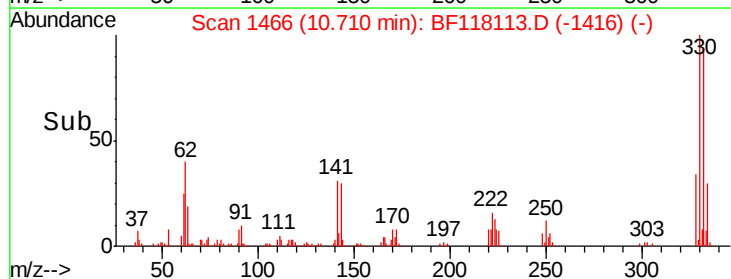
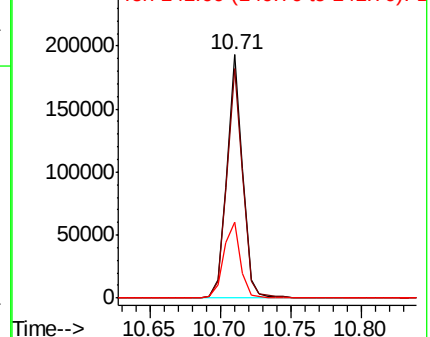
330 100

332 95.7 78.1 117.1

141 32.9 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

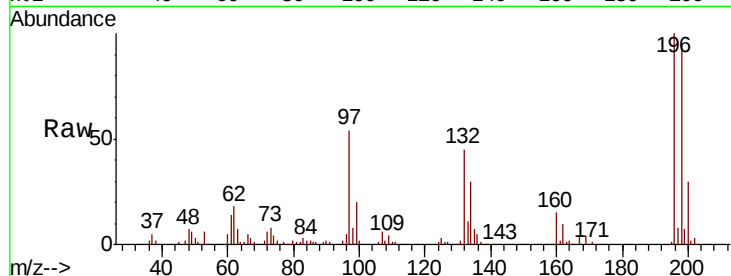




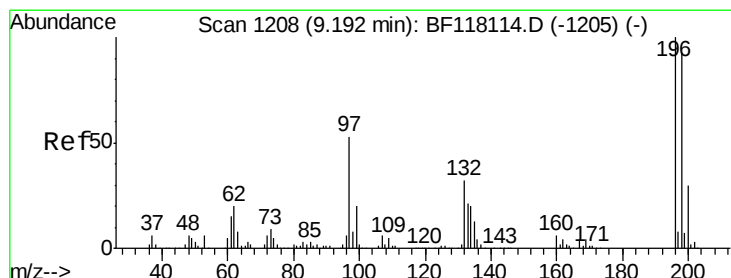
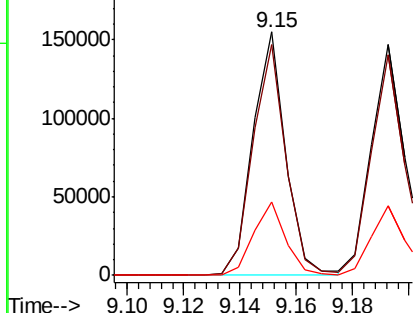
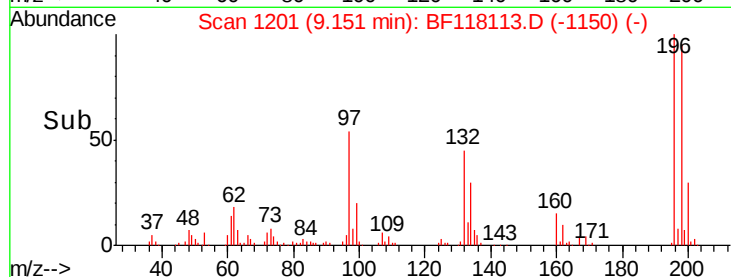
#43
 2,4,6-Trichlorophenol
 Concen: 20.204 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 124608
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.0 112.4
 200 29.9 24.5 36.7

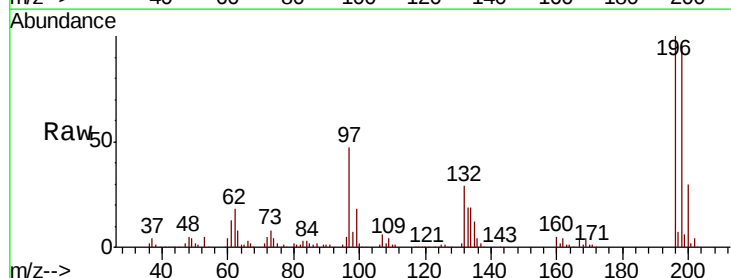


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

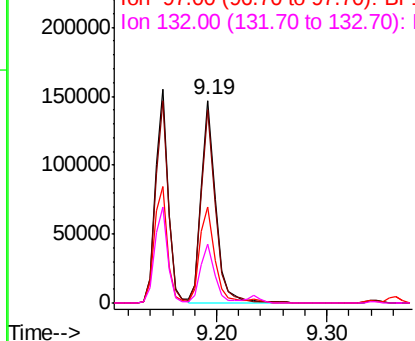
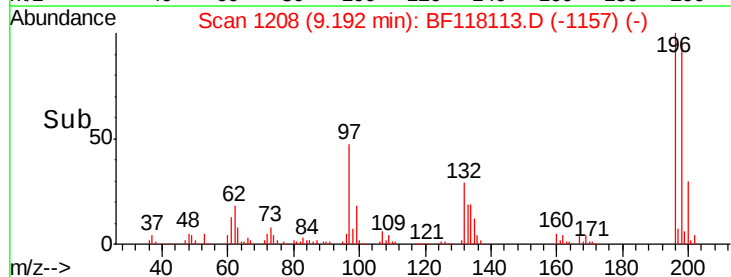


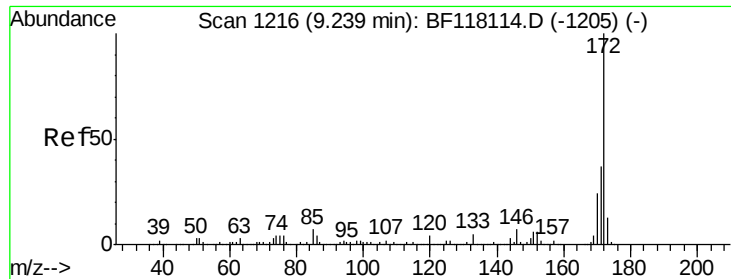
#44
 2,4,5-Trichlorophenol
 Concen: 20.305 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion:196 Resp: 130025
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.2 111.4
 97 47.4 42.5 63.7
 132 29.4 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

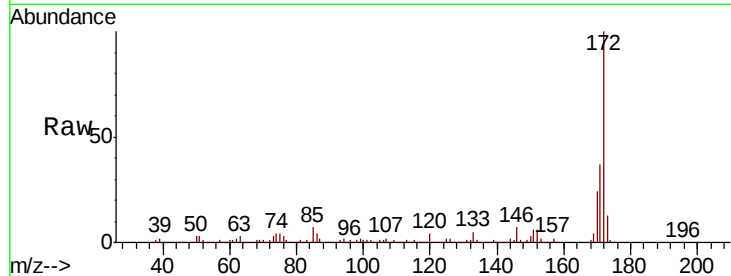




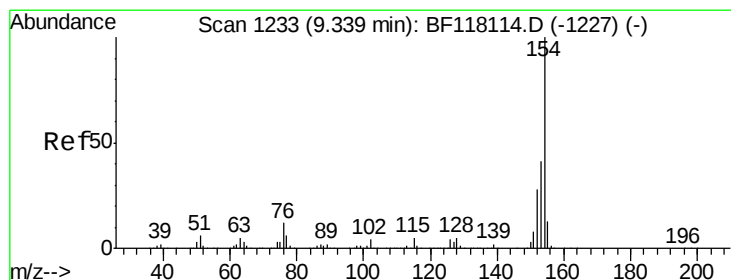
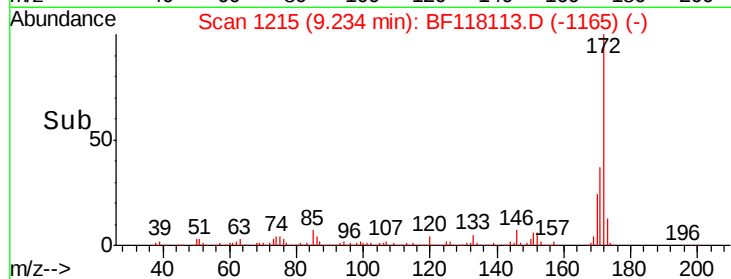
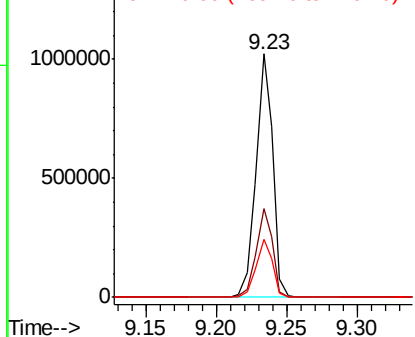
#45
2-Fluorobiphenyl
Concen: 51.704 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 854523
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 19.4 29.2

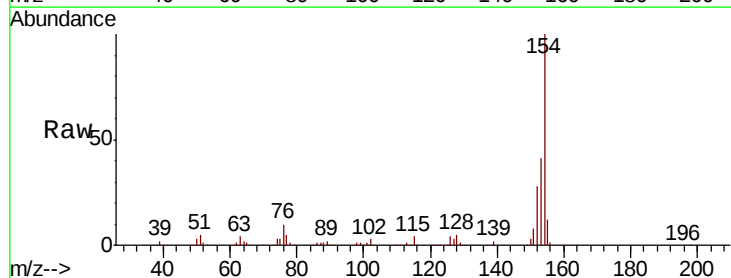


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

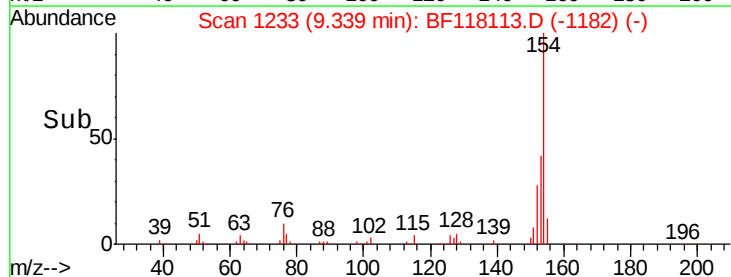
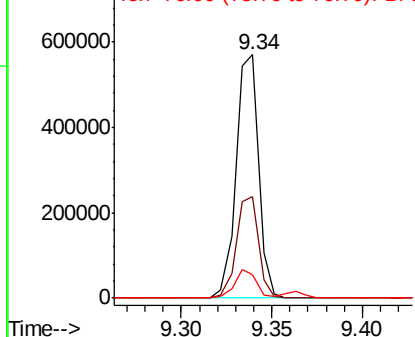


#46
1,1'-Biphenyl
Concen: 22.444 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:154 Resp: 493713
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 9.6 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

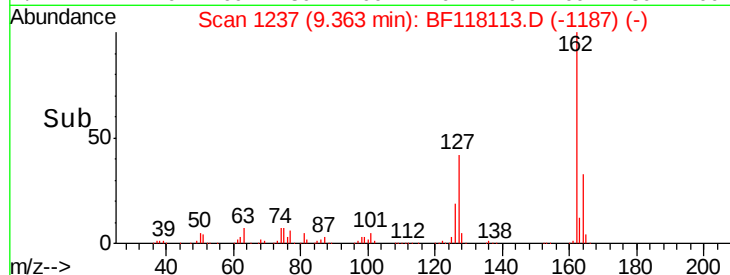
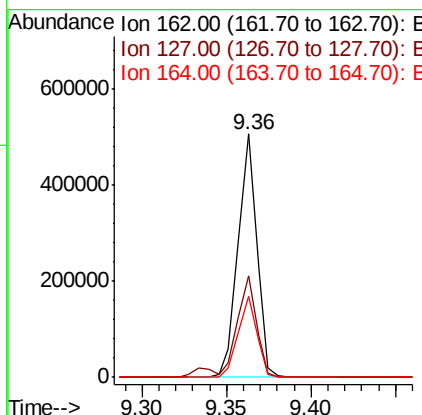
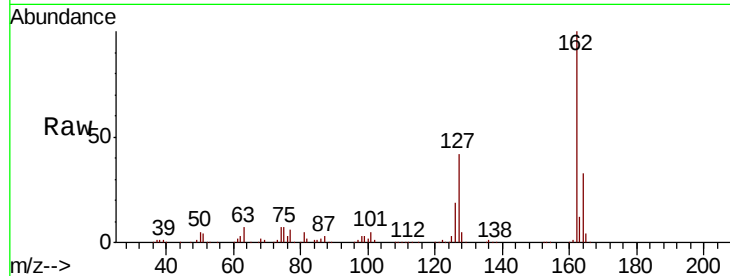




#47
 2-Chloronaphthalene
 Concen: 21.779 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

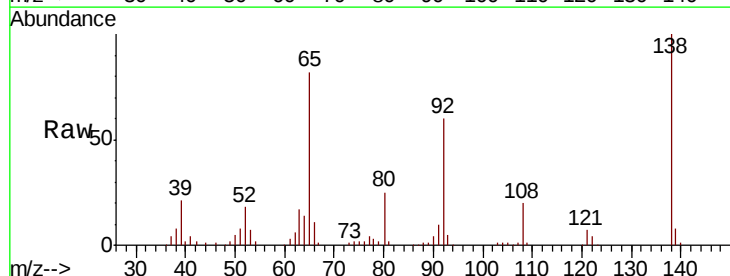
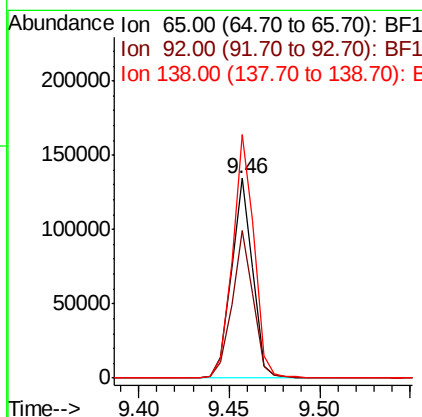
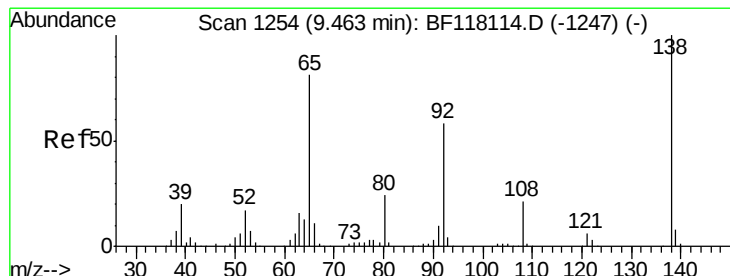
Instrument :
 BNA_F
 ClientSampleId :

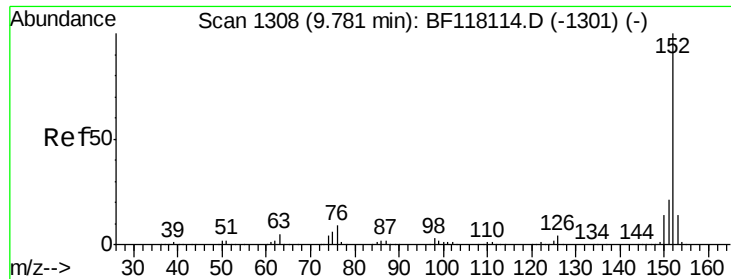
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.0	48.0
164	33.5	26.1	39.1



#48
 2-Nitroaniline
 Concen: 20.100 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.8	86.6
138	122.0	98.8	148.2





#49

Acenaphthylene

Concen: 22.436 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampled :

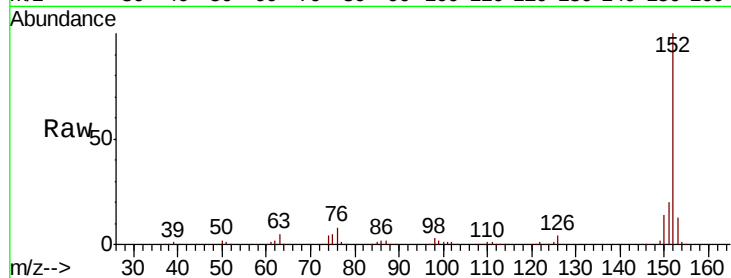
Tot Ion:152 Resp: 591950

Ion Ratio Lower Upper

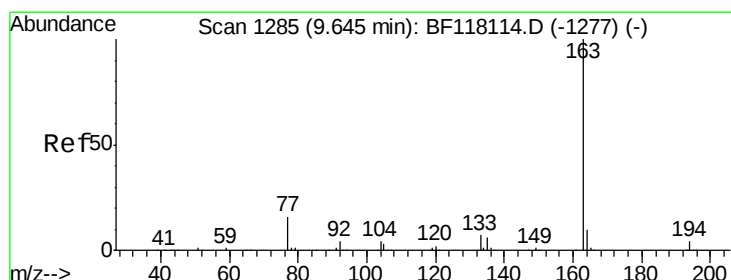
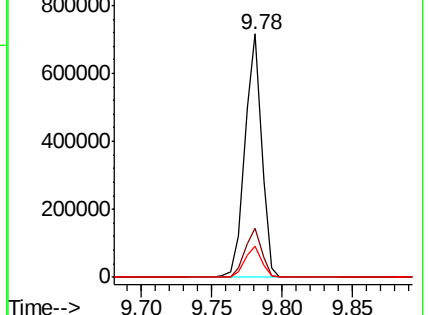
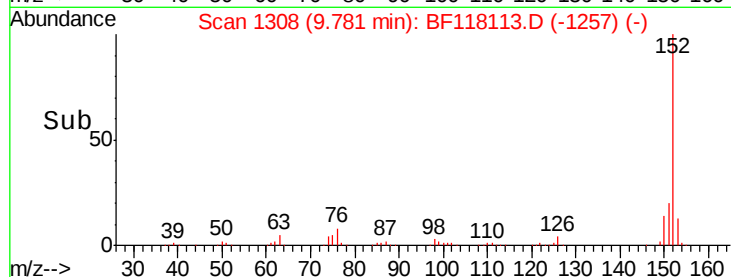
152 100

151 20.3 16.4 24.6

153 13.0 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: 21.872 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

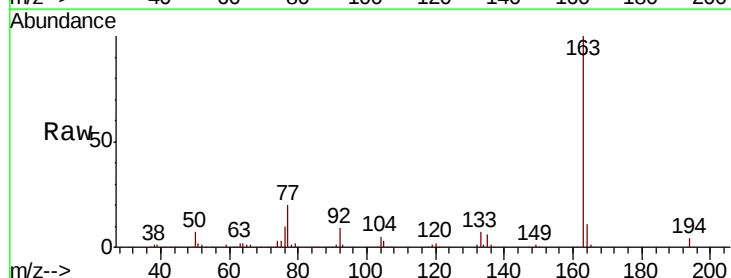
Tgt Ion:163 Resp: 454765

Ion Ratio Lower Upper

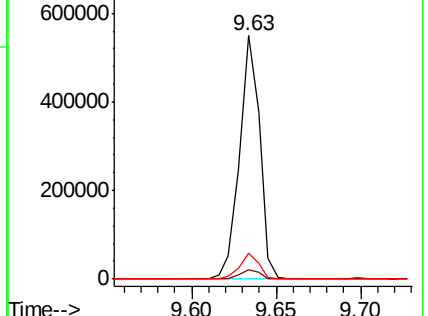
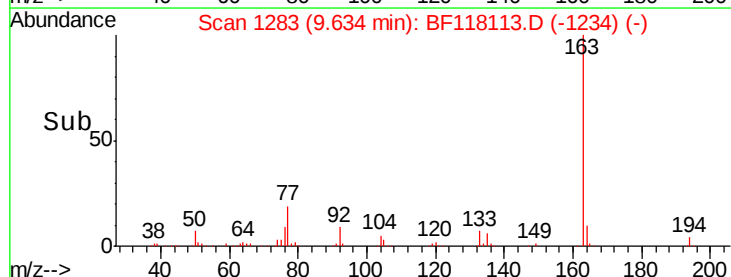
163 100

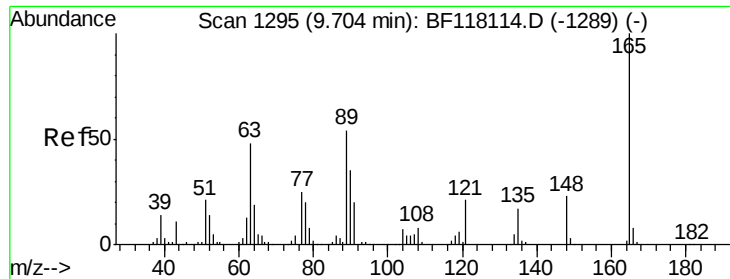
194 3.9 3.1 4.7

164 10.6 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

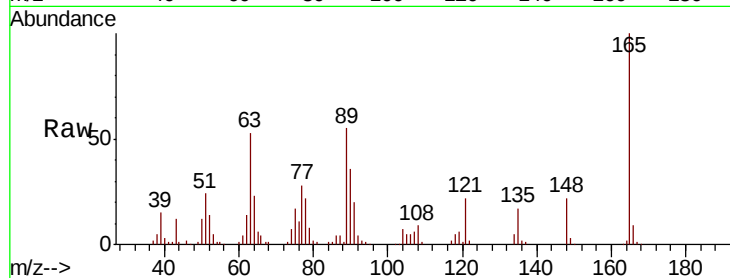




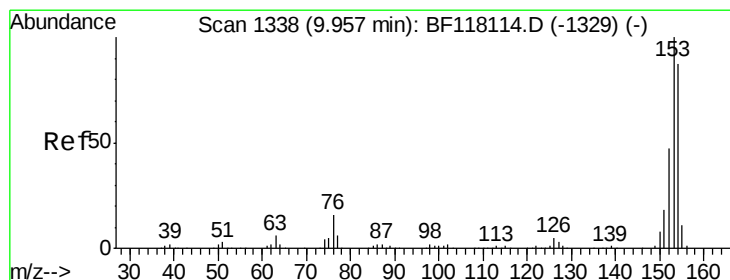
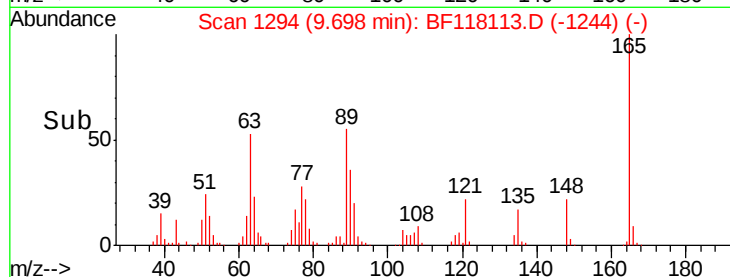
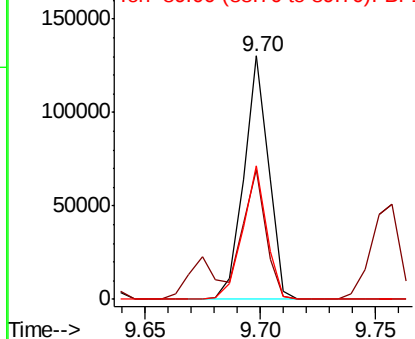
#51
2,6-Dinitrotoluene
Concen: 21.391 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	41.4	62.0
89	55.0	42.9	64.3

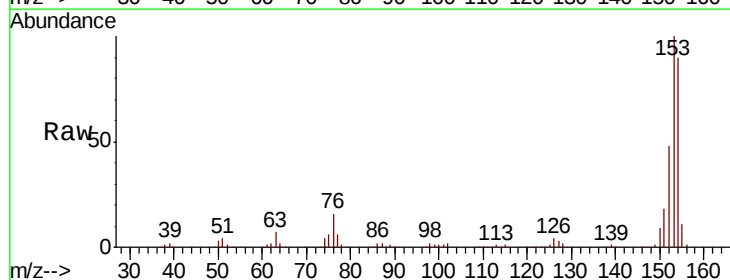


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

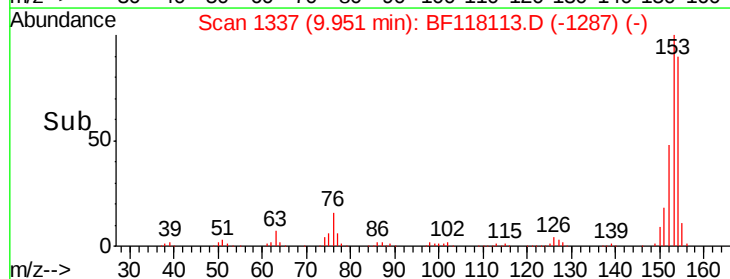
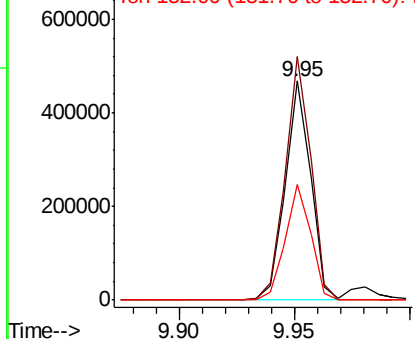


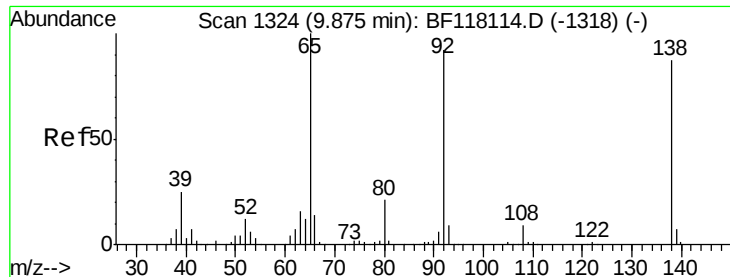
#52
Acenaphthene
Concen: 21.115 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.8	137.6
152	52.8	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

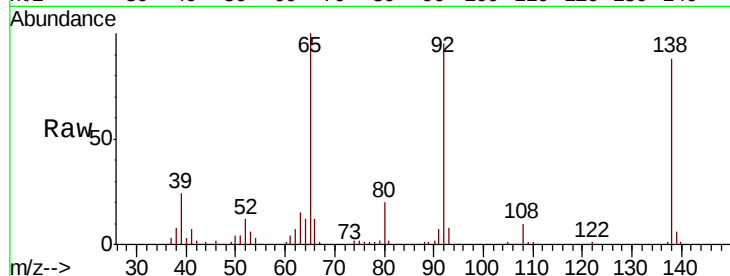




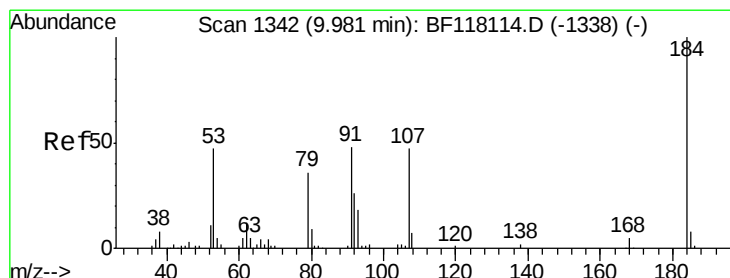
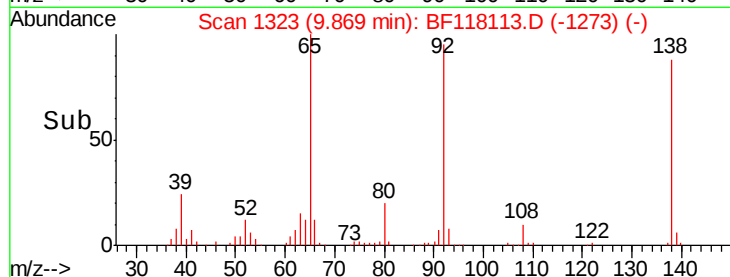
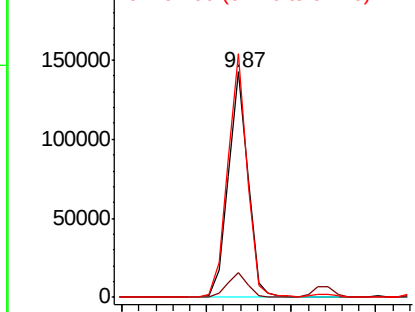
#53
3-Nitroaniline
Concen: 21.021 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 114299
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 108.0 84.9 127.3

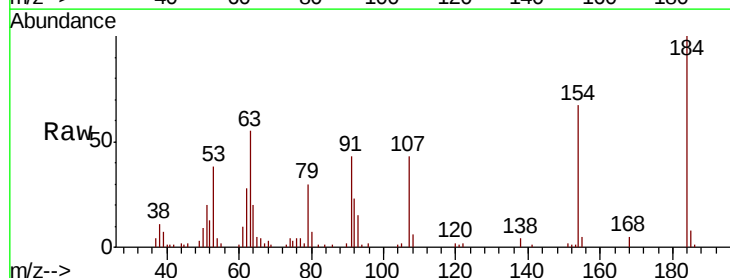


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

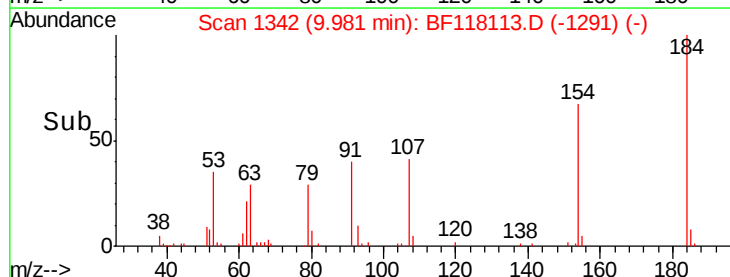
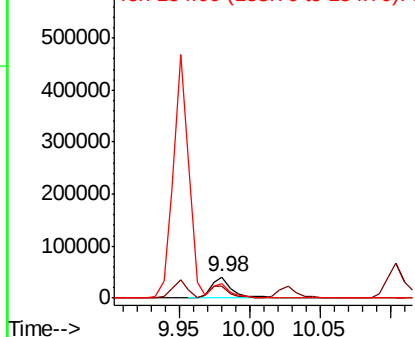


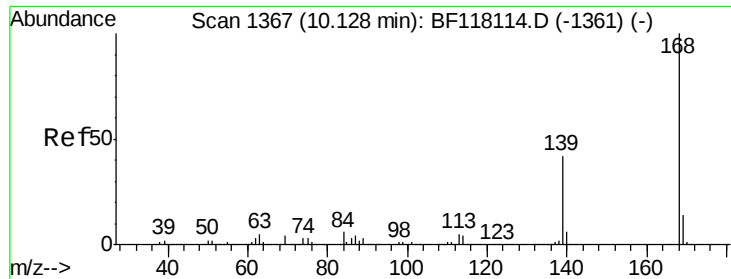
#54
2,4-Dinitrophenol
Concen: 21.425 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:184 Resp: 43220
Ion Ratio Lower Upper
184 100
63 55.0 53.9 80.9
154 66.6 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

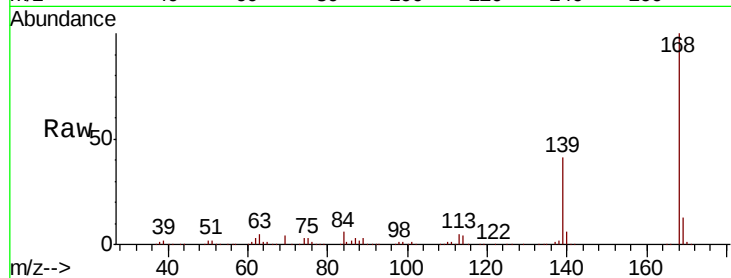




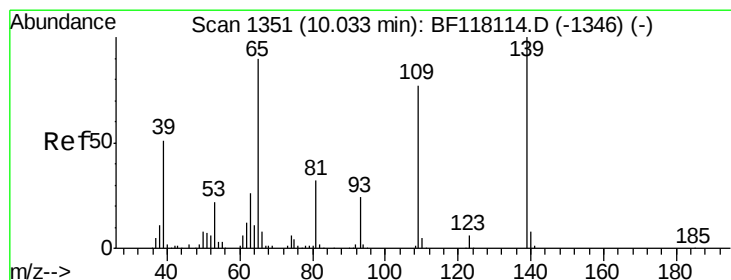
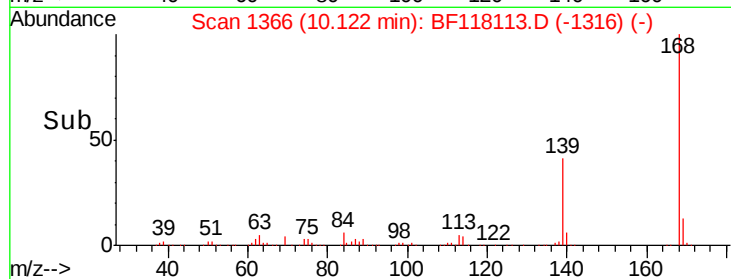
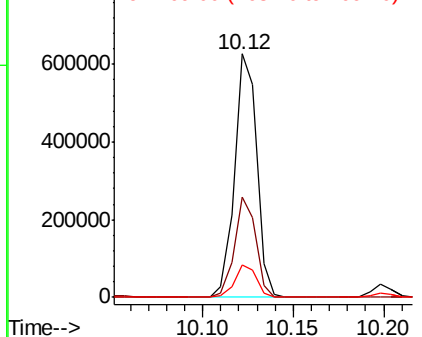
#55
Dibenzenofuran
Concen: 22.770 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 532919
Ion Ratio Lower Upper
168 100
139 41.1 33.4 50.0
169 13.2 11.0 16.6

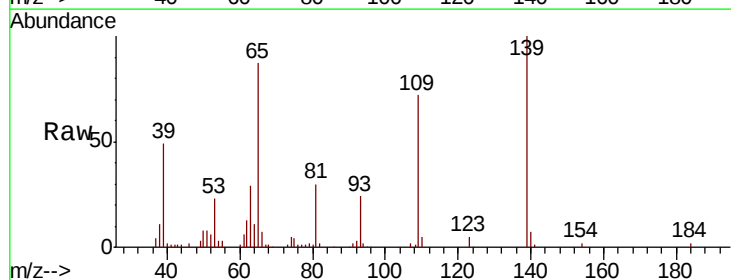


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

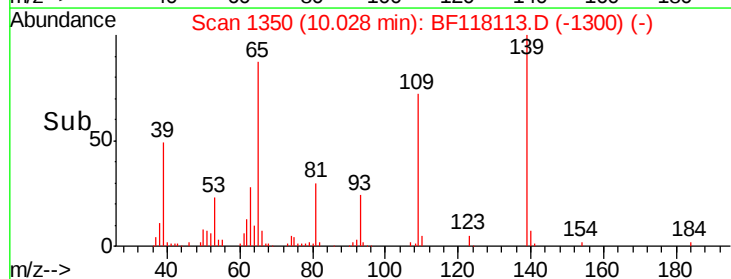
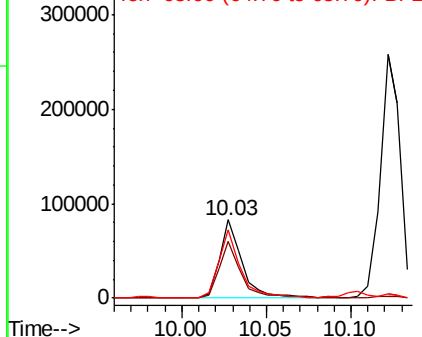


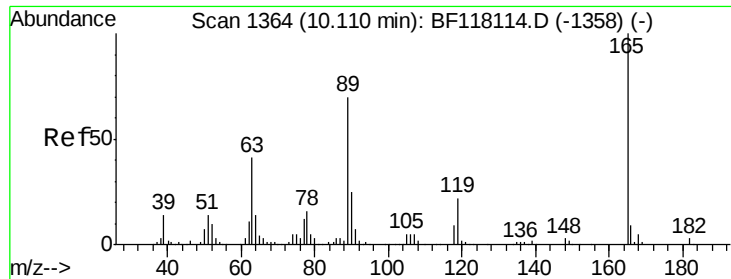
#56
4-Nitrophenol
Concen: 19.140 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:139 Resp: 77682
Ion Ratio Lower Upper
139 100
109 72.5 57.3 97.3
65 87.4 70.2 110.2



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

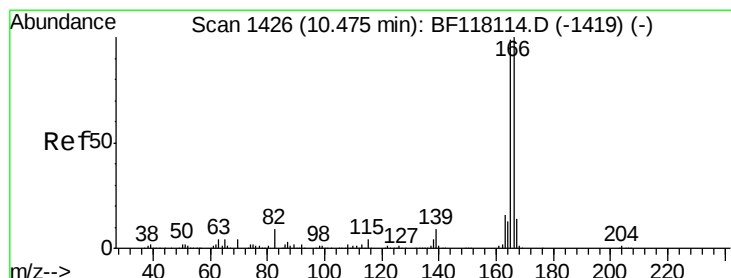
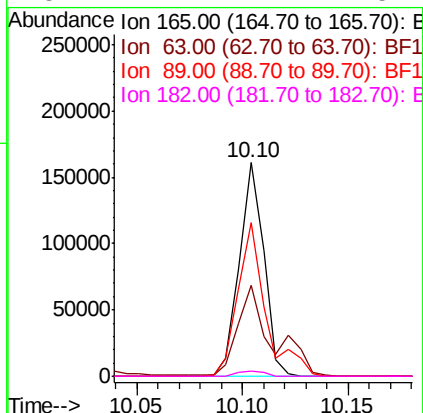
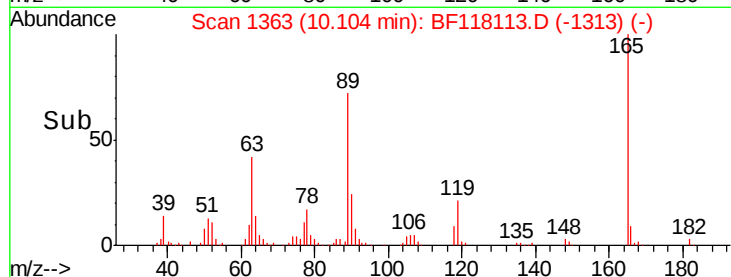
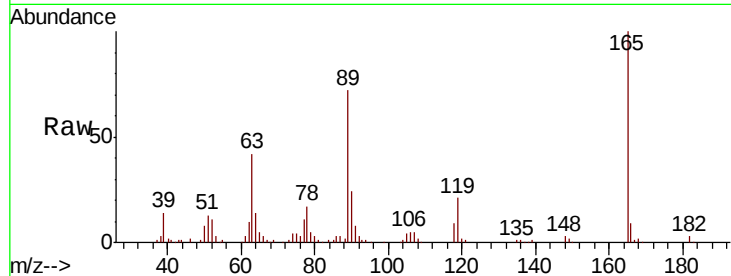




#57
2,4-Dinitrotoluene
Concen: 22.318 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

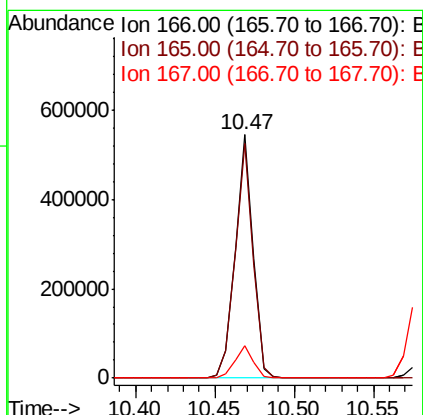
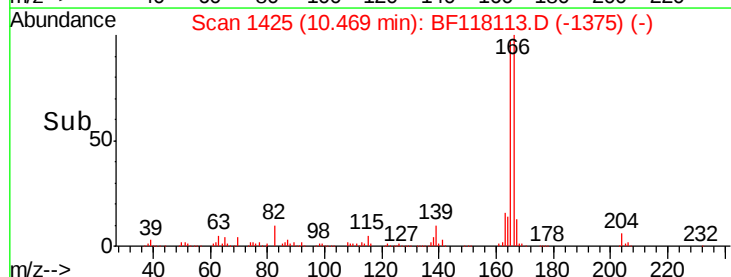
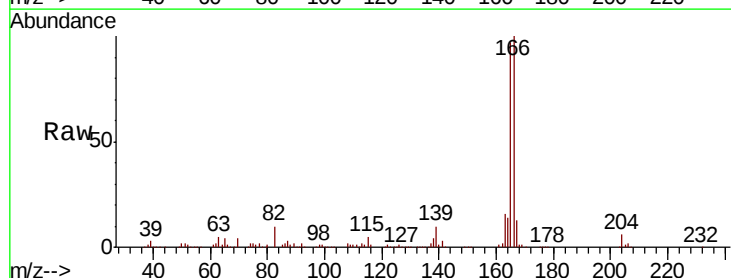
Instrument :
BNA_F
ClientSampleId :

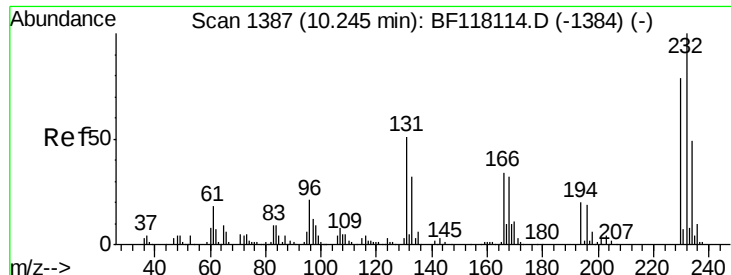
Tot Ion:165	Resp:	129011
Ion Ratio	Lower	Upper
165	100	
63	42.4	32.6 49.0
89	72.0	56.1 84.1
182	2.7	2.1 3.1



#58
Fluorene
Concen: 23.368 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:166	Resp:	423811
Ion Ratio	Lower	Upper
166	100	
165	96.6	79.0 118.4
167	13.2	10.9 16.3

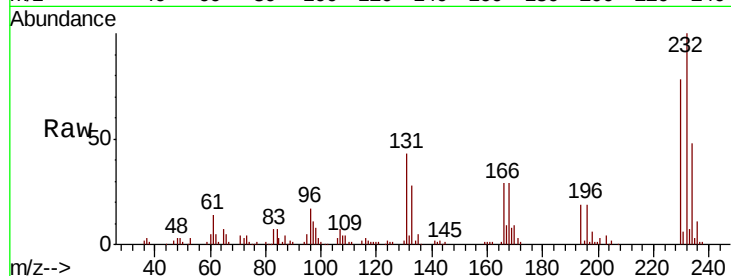




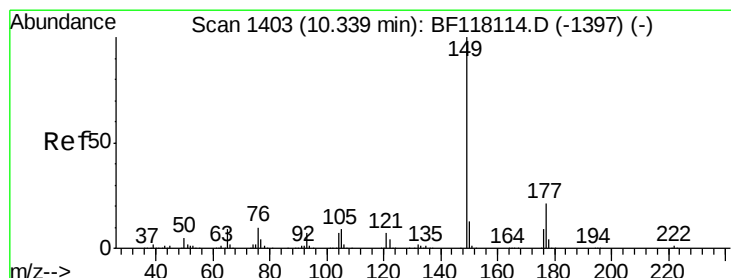
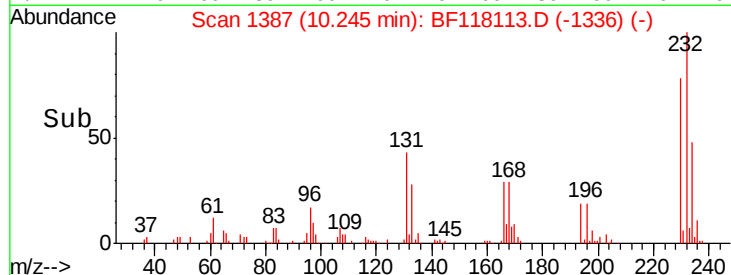
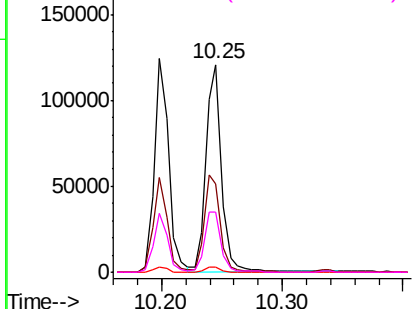
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.456 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 107629
Ion Ratio Lower Upper
232 100
131 49.1 38.8 58.2
130 2.3 1.9 2.9
166 31.4 25.4 38.0

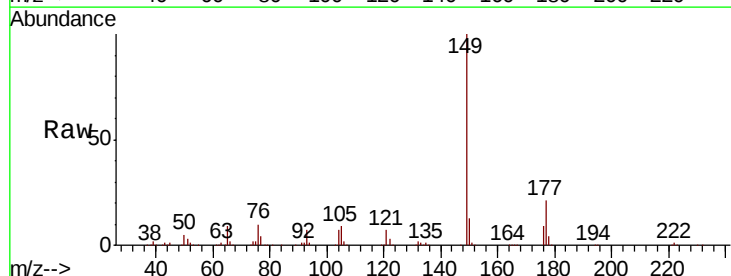


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

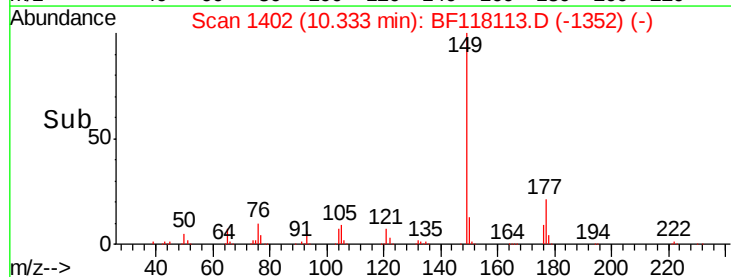
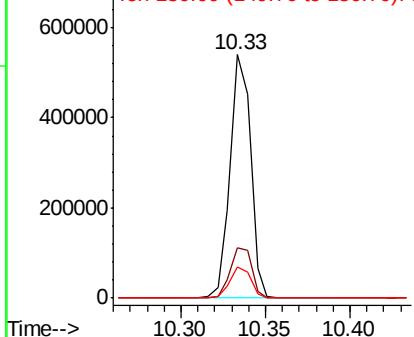


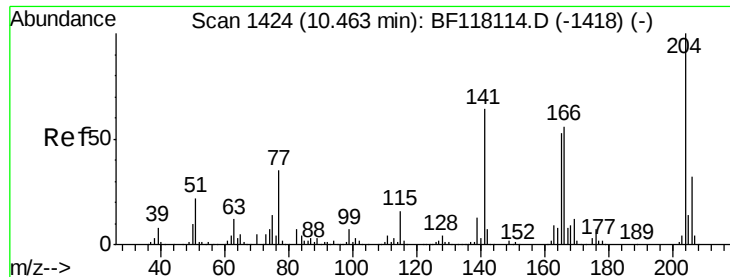
#60
Diethylphthalate
Concen: 22.485 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:149 Resp: 455797
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.4
150 12.9 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

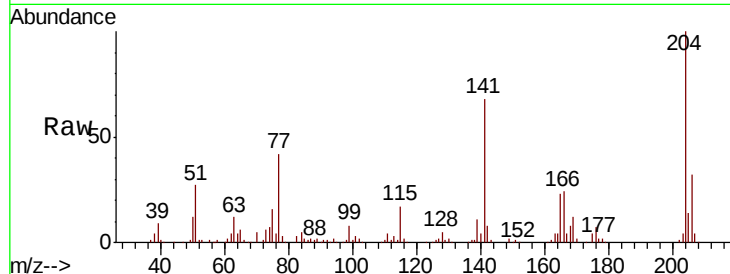




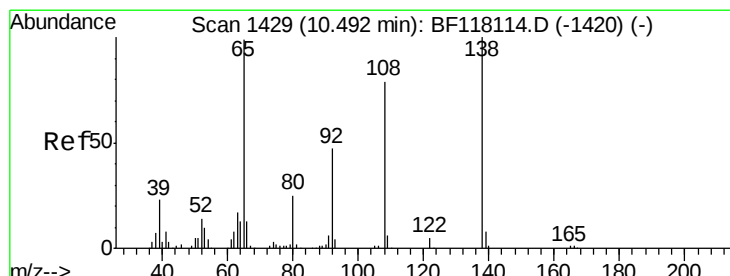
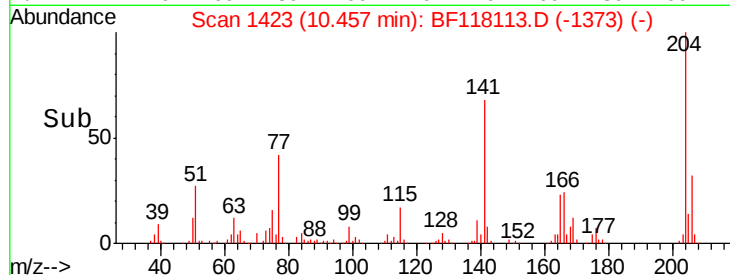
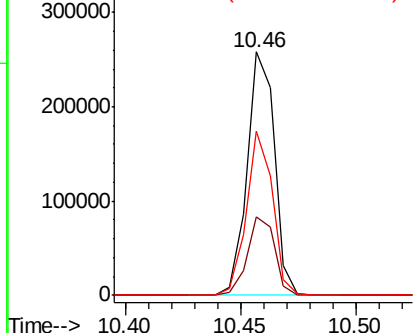
#61
 4-Chlorophenyl-phenylether
 Concen: 23.340 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 214822
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.0 39.0
 141 67.6 51.0 76.6

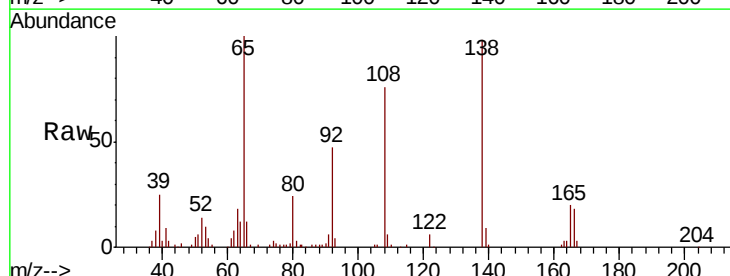


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

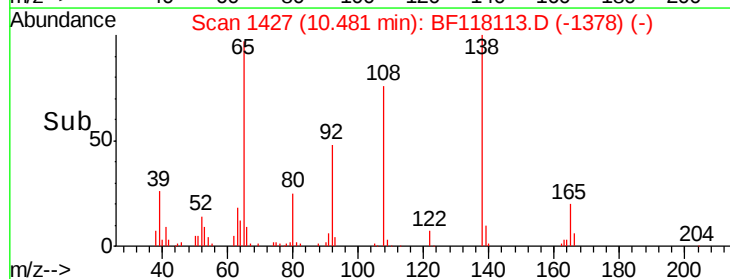
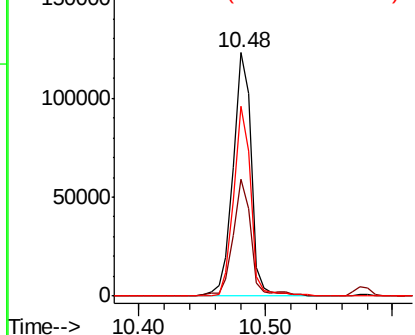


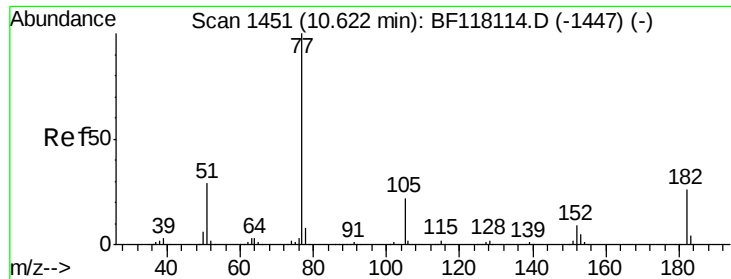
#62
 4-Nitroaniline
 Concen: 22.435 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion:138 Resp: 122142
 Ion Ratio Lower Upper
 138 100
 92 48.1 27.1 67.1
 108 77.7 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

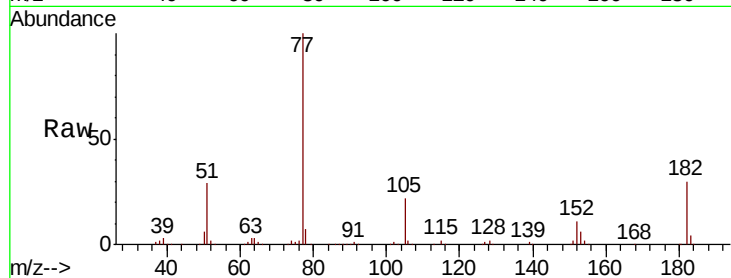




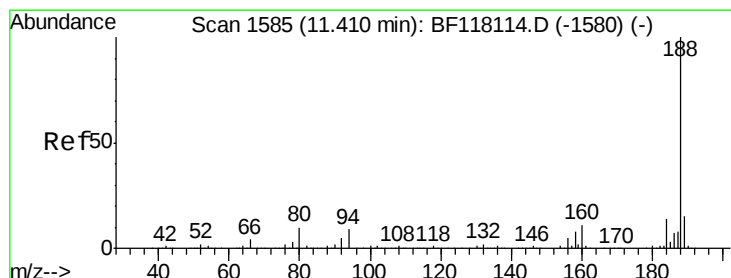
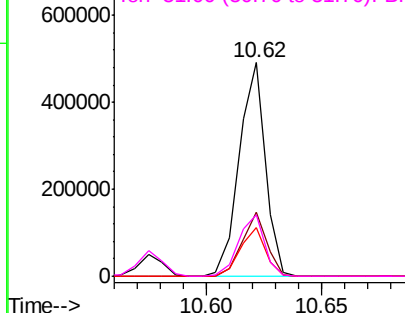
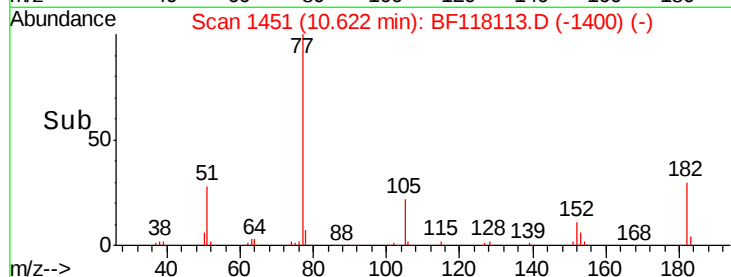
#63
Azobenzene
Concen: 21.092 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.7	5.7	45.7	
105	22.5	2.2	42.2	
51	28.5	9.6	49.6	

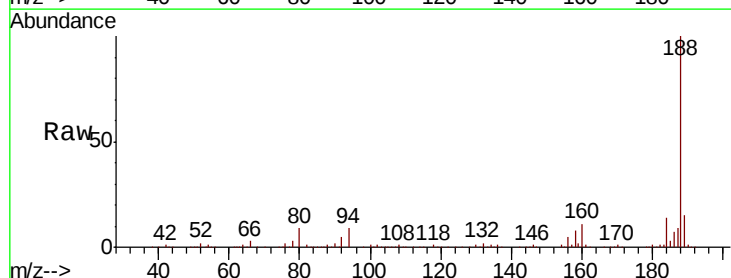


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

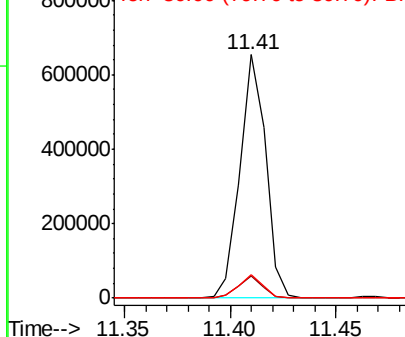
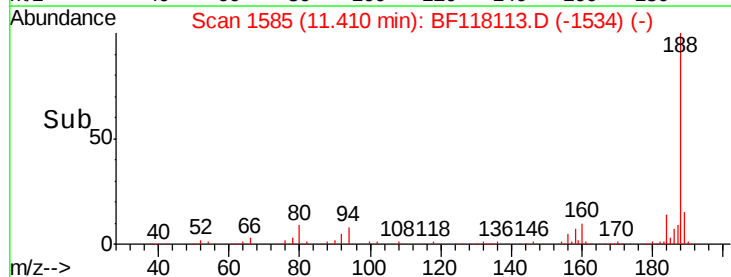


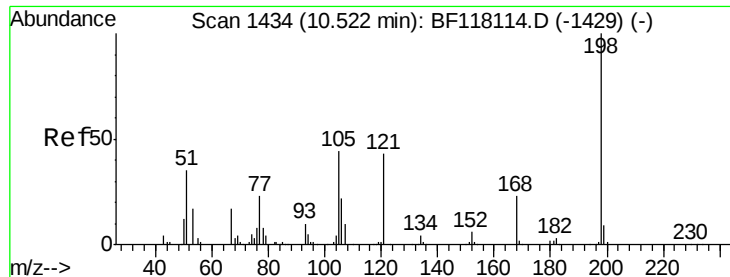
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.1	10.7	
80	9.4	7.9	11.9	



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 22.435 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

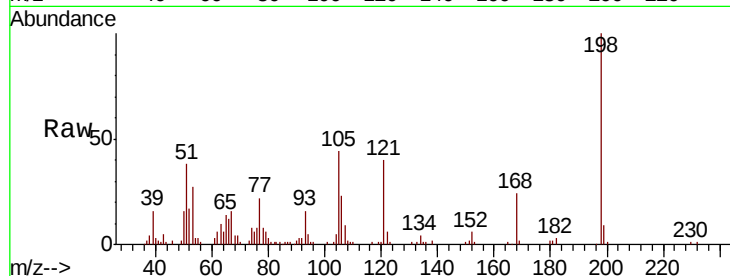
Tot Ion:198 Resp: 58125

Ion Ratio Lower Upper

198 100

51 38.1 22.0 62.0

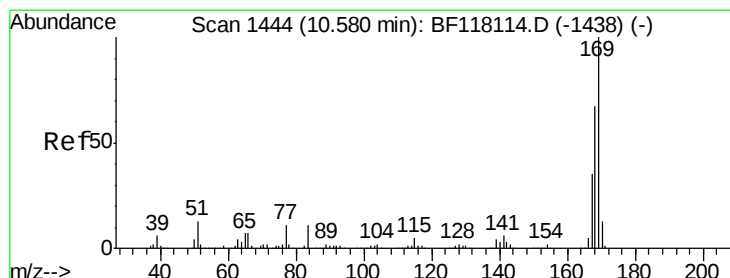
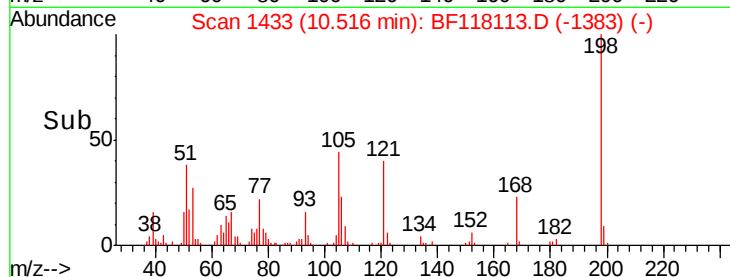
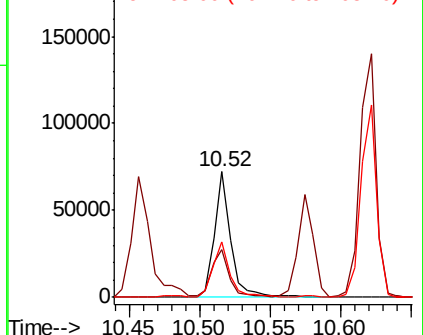
105 44.2 25.6 65.6



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: 22.748 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

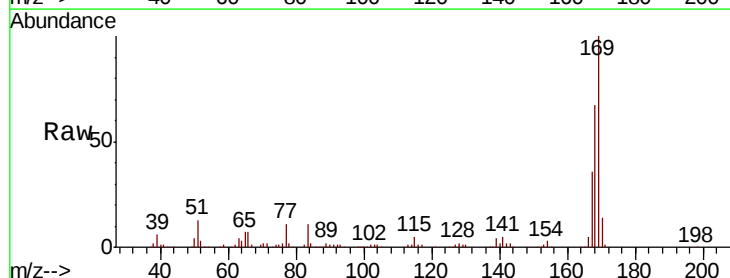
Tgt Ion:169 Resp: 367409

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.2

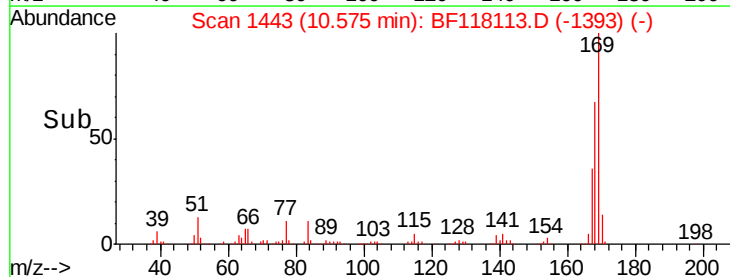
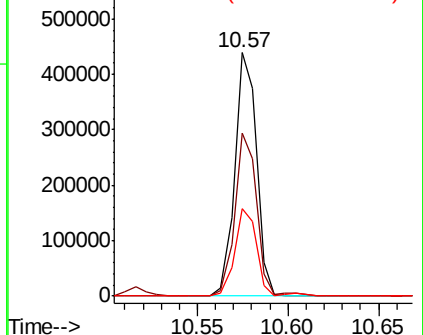
167 35.9 28.4 42.6

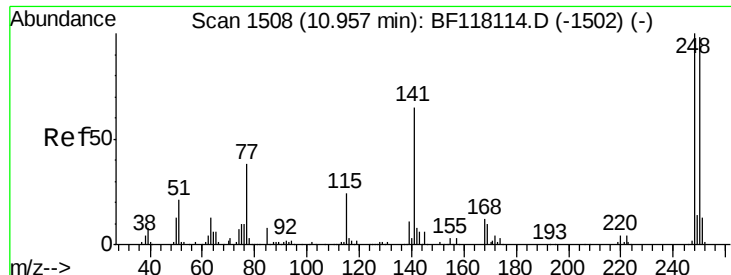


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

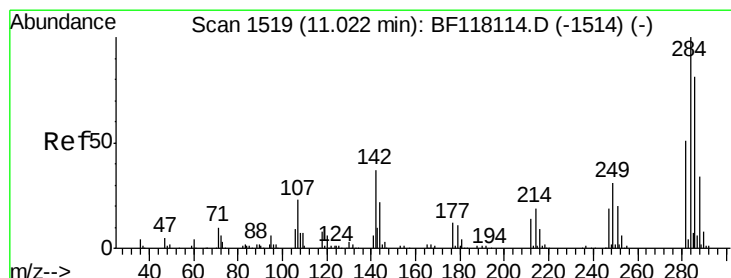
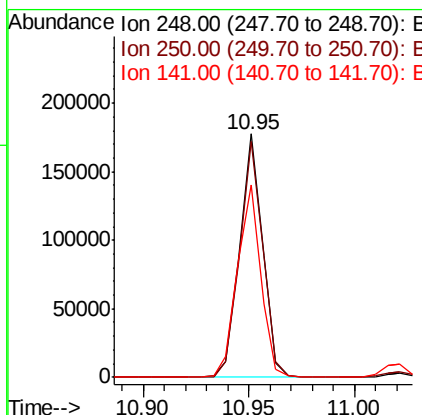
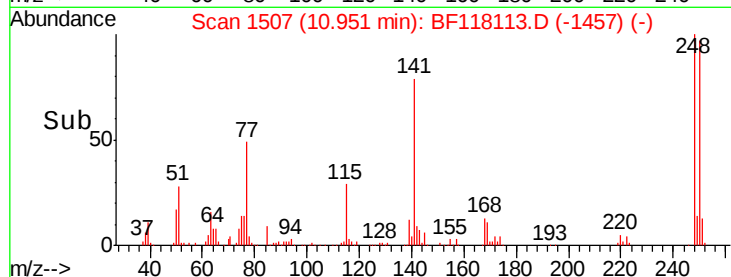
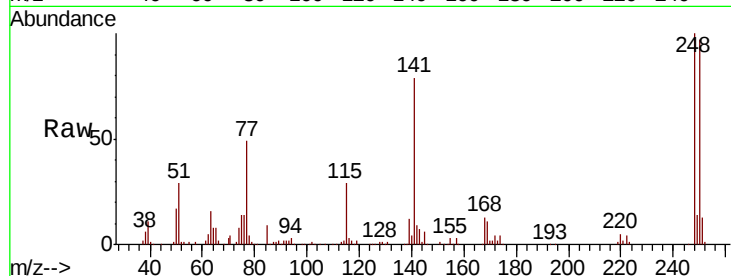




#67
4-Bromophenyl-phenylether
Concen: 22.278 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

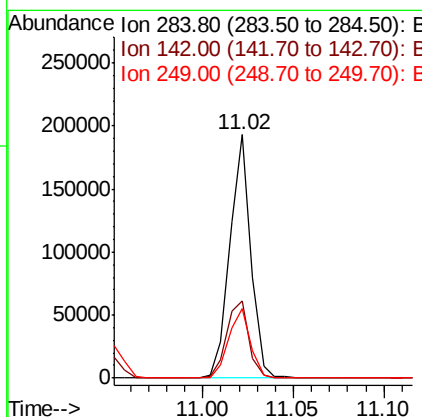
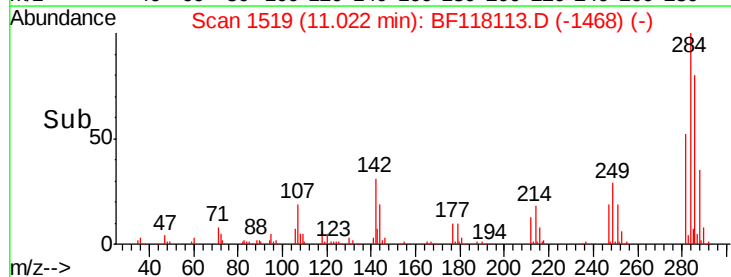
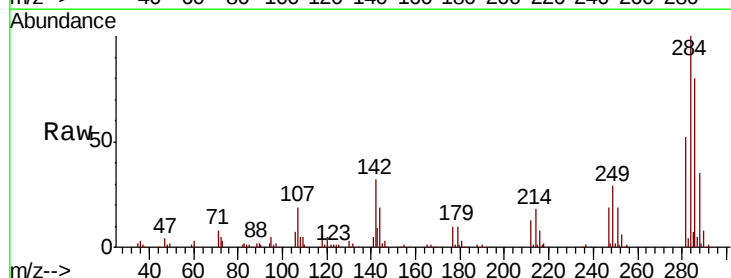
Instrument :
BNA_F
ClientSampleId :

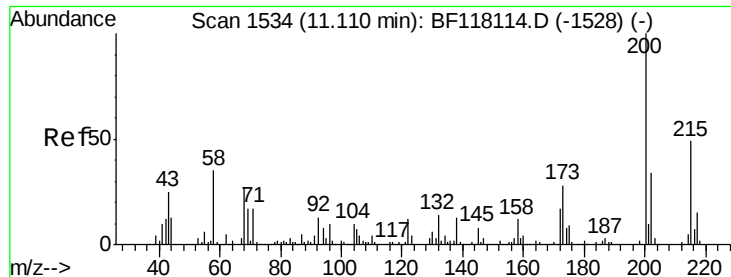
Tot Ion:248 Resp: 133400
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 78.8 52.2 78.4#



#68
Hexachlorobenzene
Concen: 22.299 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:284 Resp: 155698
Ion Ratio Lower Upper
284 100
142 31.7 29.7 44.5
249 28.7 24.6 37.0

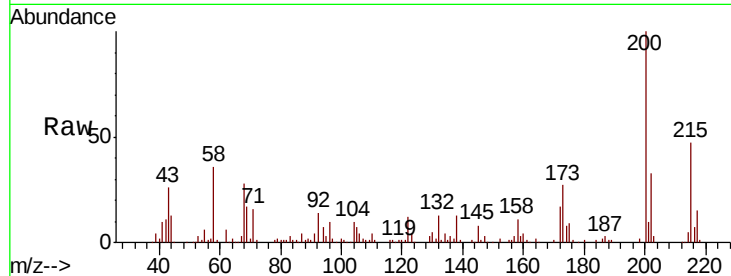




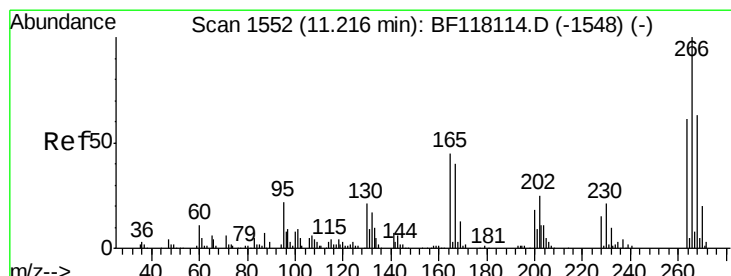
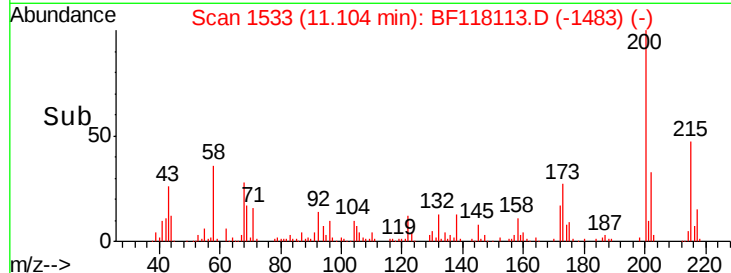
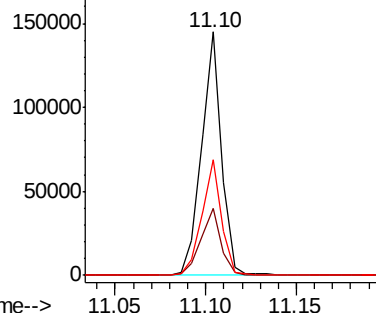
#69
Atrazine
Concen: 20.984 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 111486
Ion Ratio Lower Upper
200 100
173 27.3 8.1 48.1
215 47.4 29.0 69.0

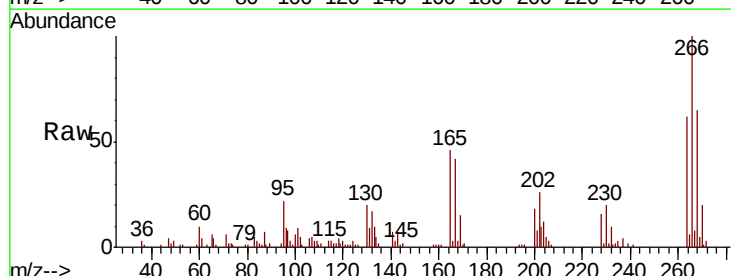


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

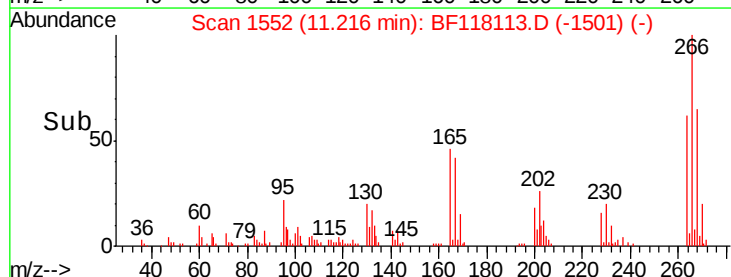
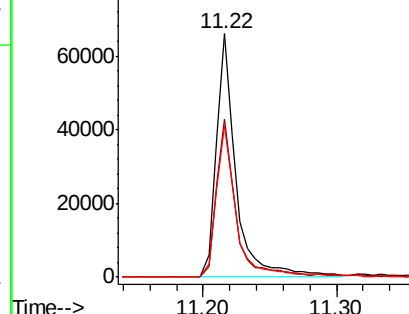


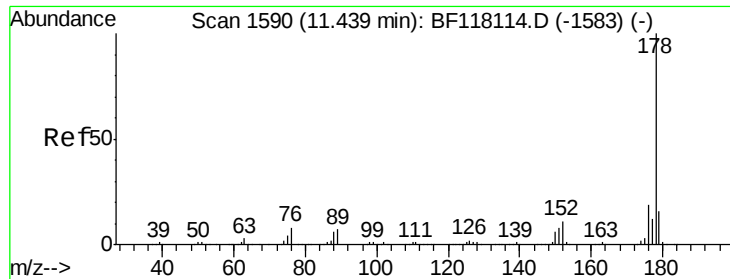
#70
Pentachlorophenol
Concen: 16.767 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:266 Resp: 68397
Ion Ratio Lower Upper
266 100
268 64.8 50.7 76.1
264 62.4 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

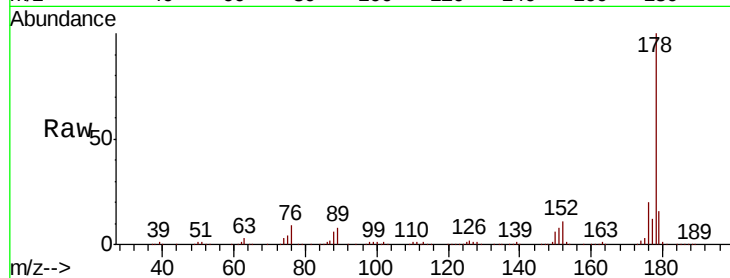




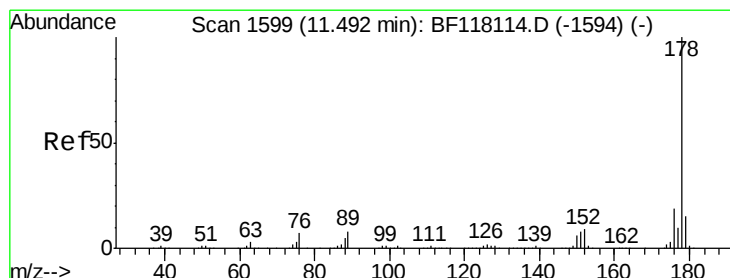
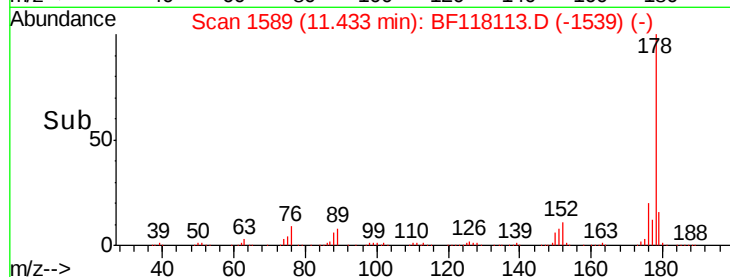
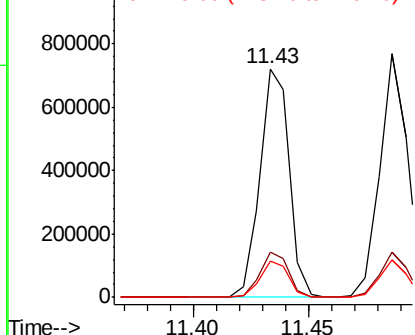
#71
Phenanthrene
Concen: 22.887 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 638601
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.6 18.8

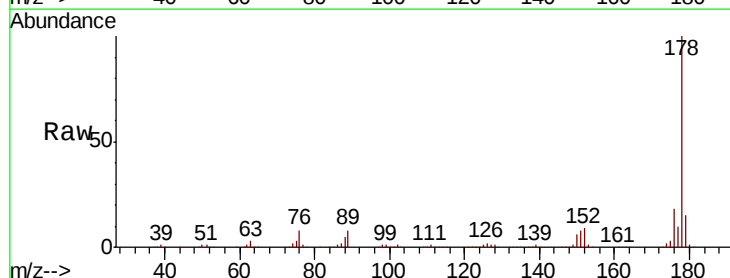


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

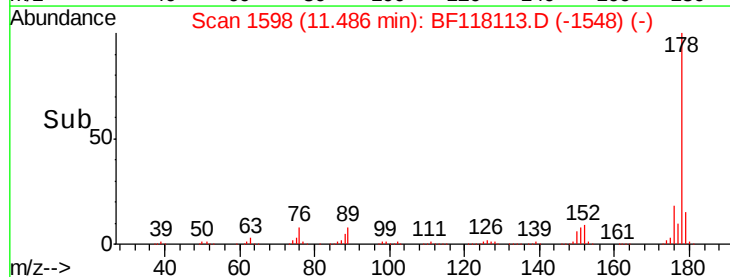
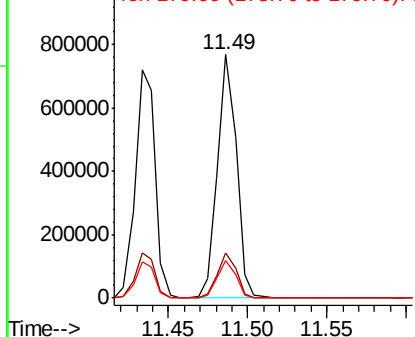


#72
Anthracene
Concen: 23.223 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:178 Resp: 642455
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.2 12.2 18.4



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

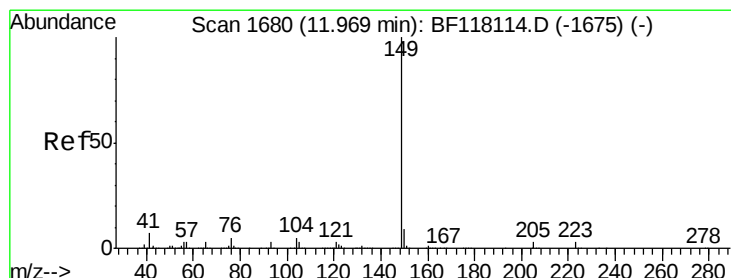
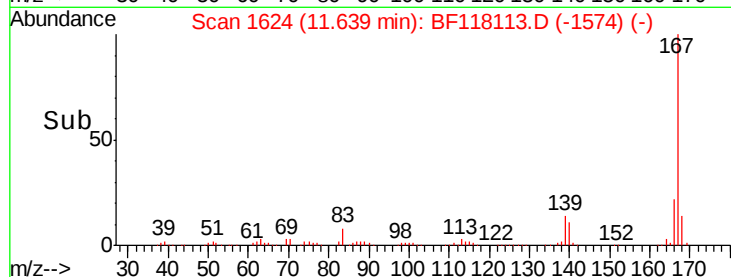
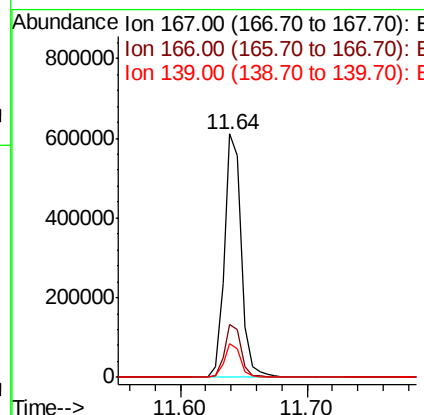
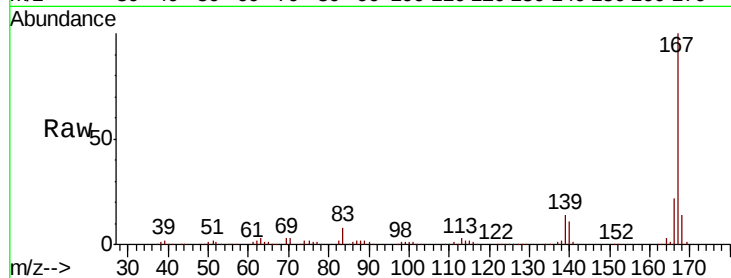




#73
 Carbazole
 Concen: 23.596 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

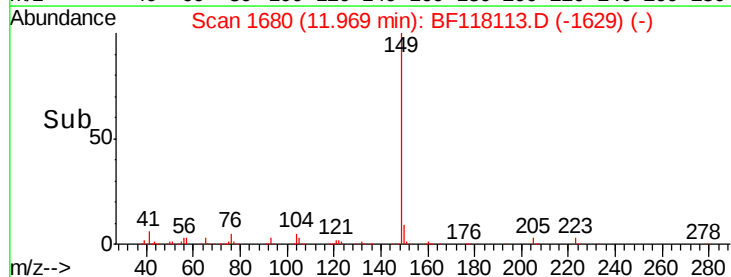
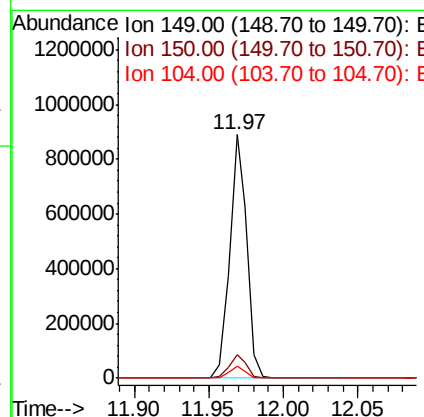
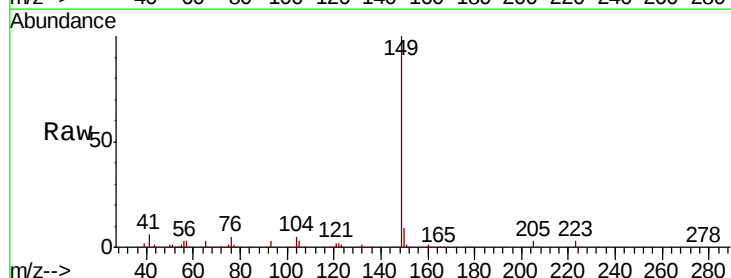
Instrument :
 BNA_F
 ClientSampleId :

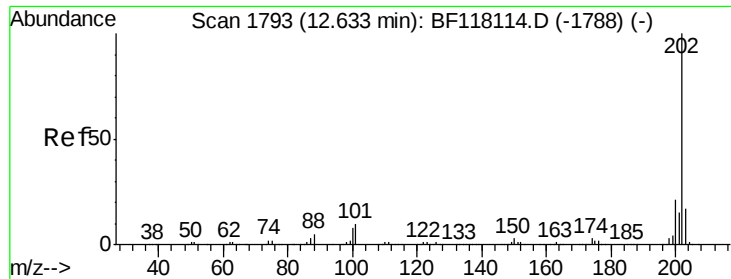
Tot Ion:167 Resp: 570439
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 23.870 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118113.D
 Acq: 6 Dec 2019 14:32

Tgt Ion:149 Resp: 718484
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.8 4.3 6.5

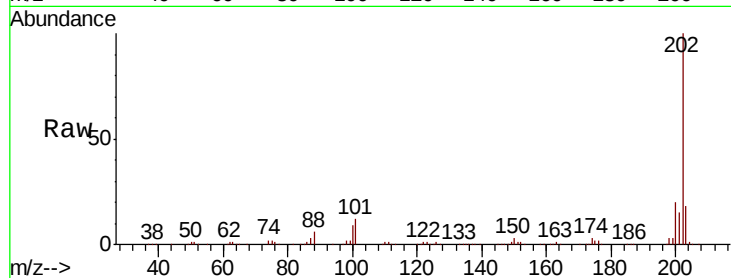




#75
Fluoranthene
Concen: 24.316 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	17.8	0.0	37.2

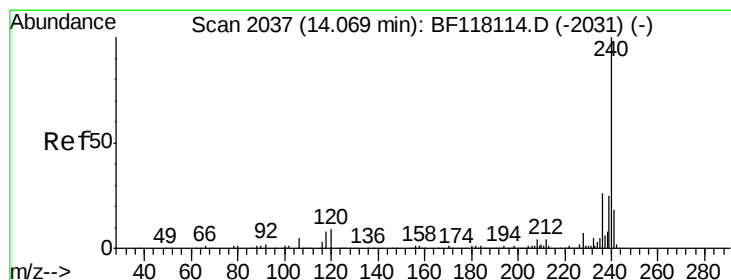
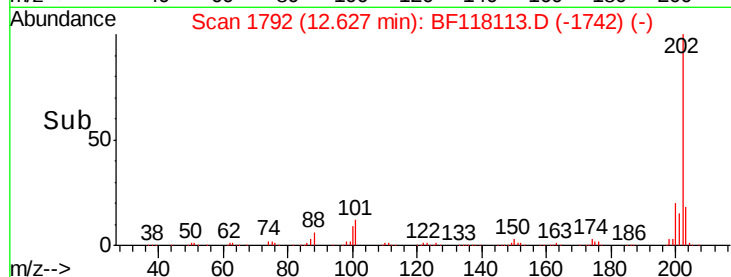
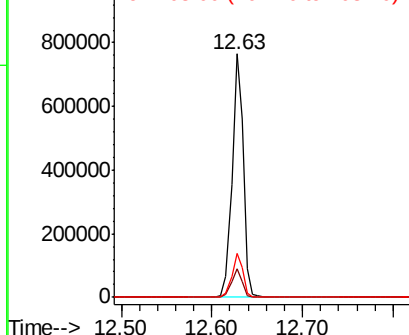


Abundance

Ion 202.00 (201.70 to 202.70): E

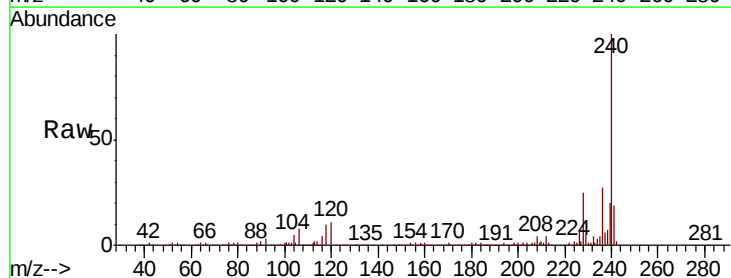
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	26.7	21.0	31.6

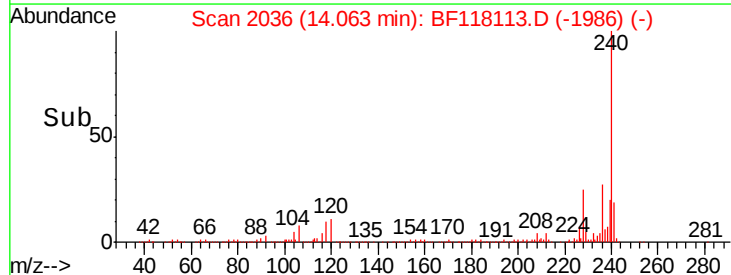
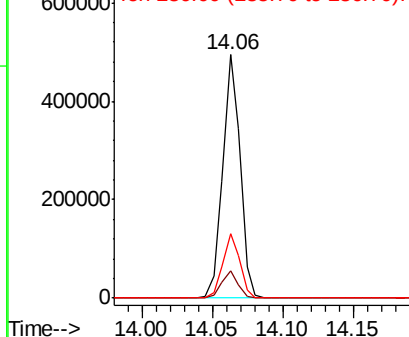


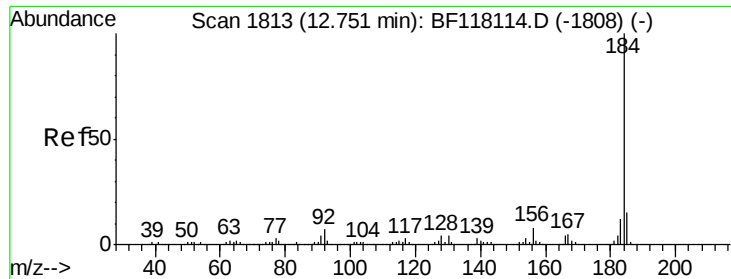
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.094 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampled :

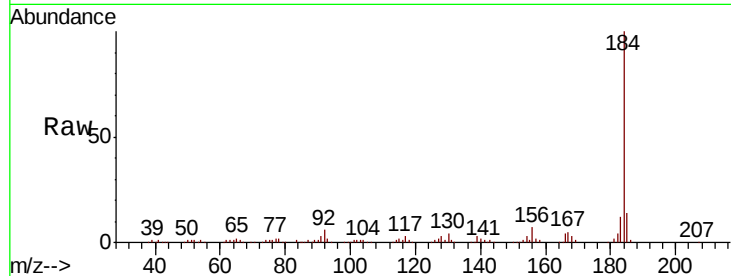
Tot Ion:184 Resp: 223414

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

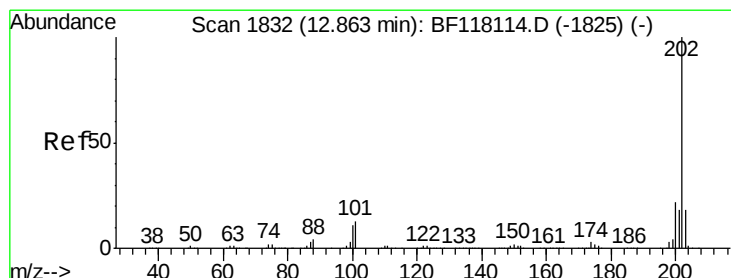
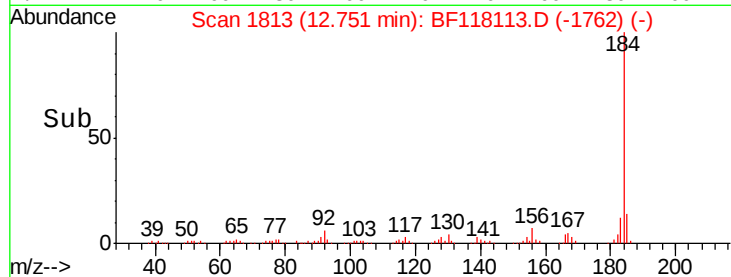
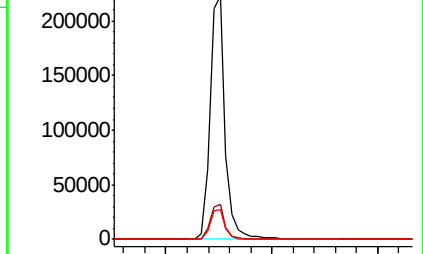
183 12.4 9.9 14.9



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: 19.309 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

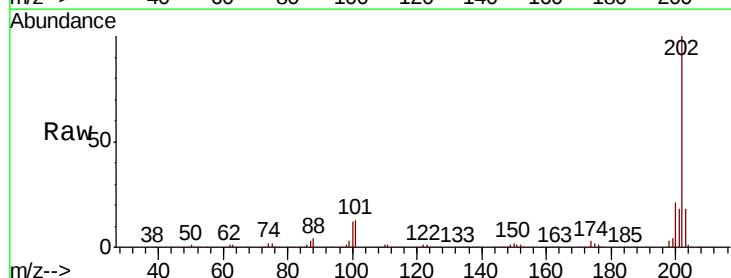
Tgt Ion:202 Resp: 661308

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

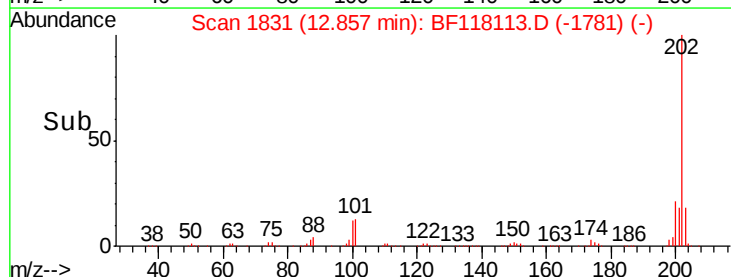
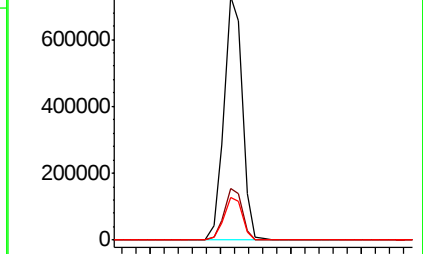
203 17.8 14.6 21.8

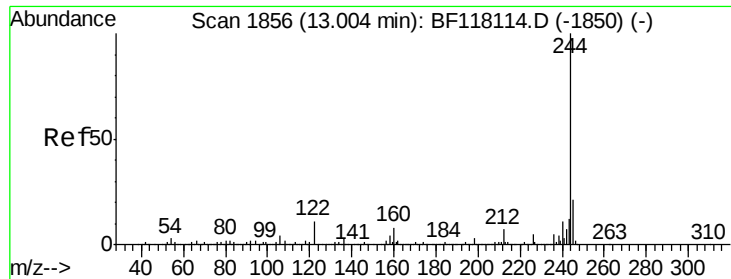


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 43.594 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

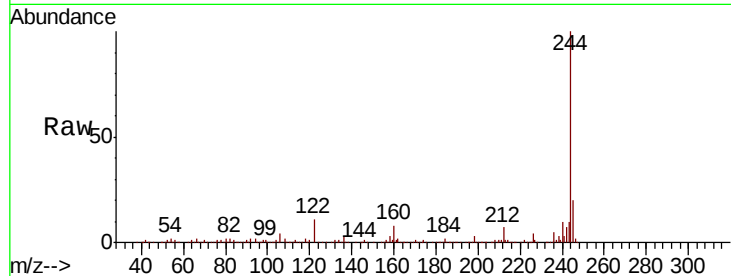
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1010856

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.4	9.0	13.6

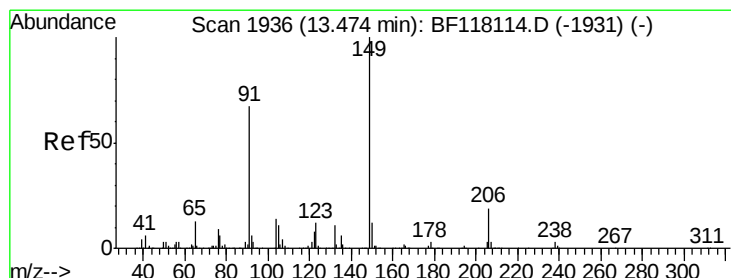
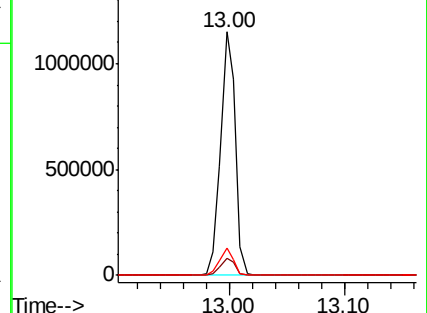
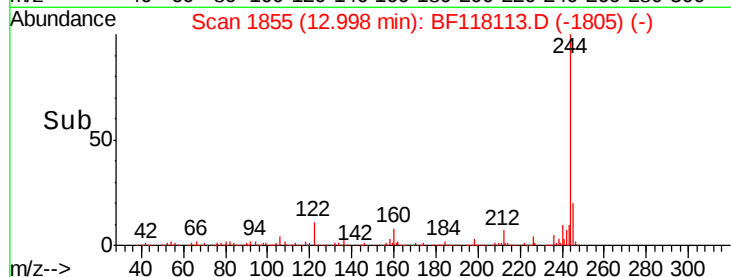


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 20.343 ng

RT: 13.47 min Scan# 1936

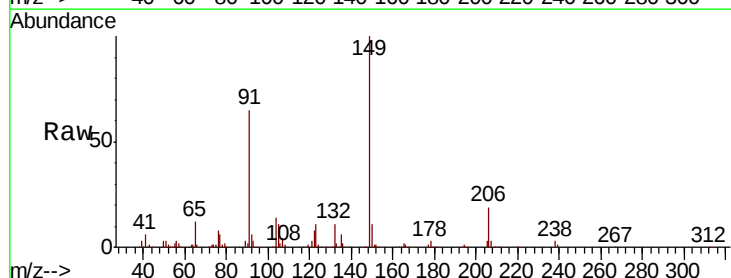
Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Tgt Ion:149 Resp: 299248

Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.9	80.9
206	19.1	15.2	22.8

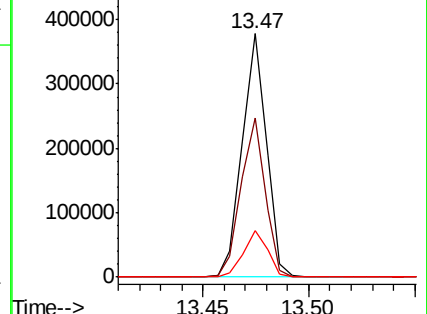
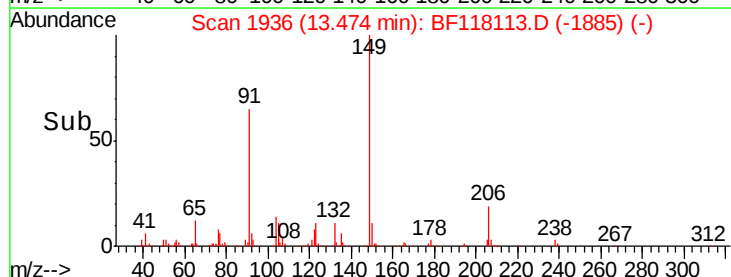


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

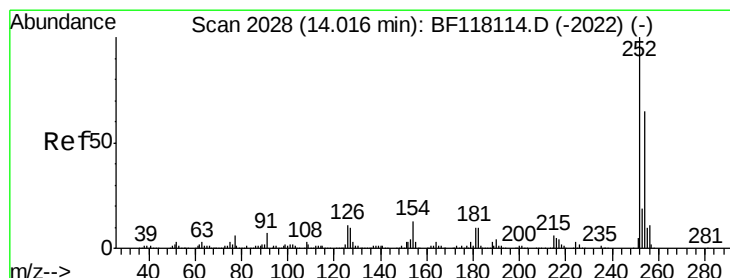
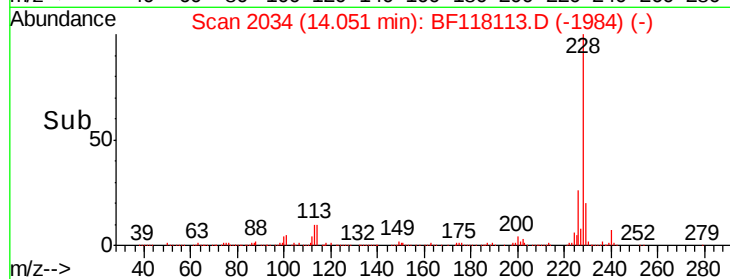
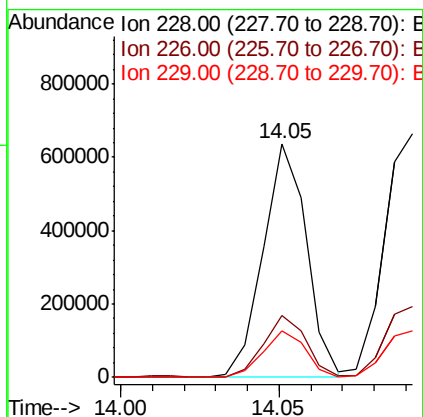
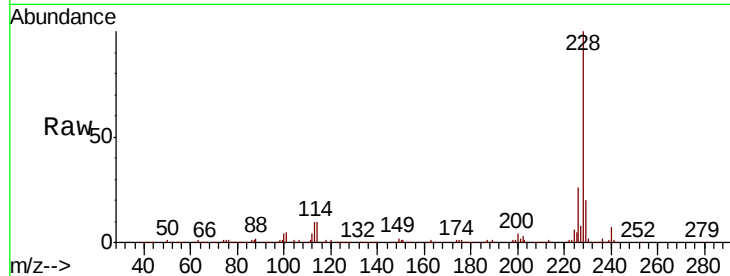




#81
Benzo(a)anthracene
Concen: 21.661 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

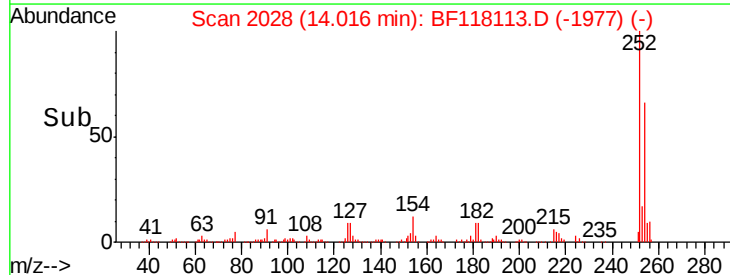
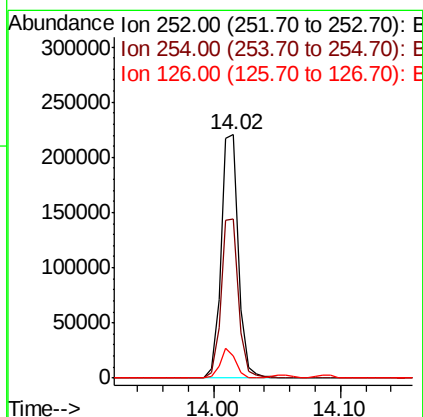
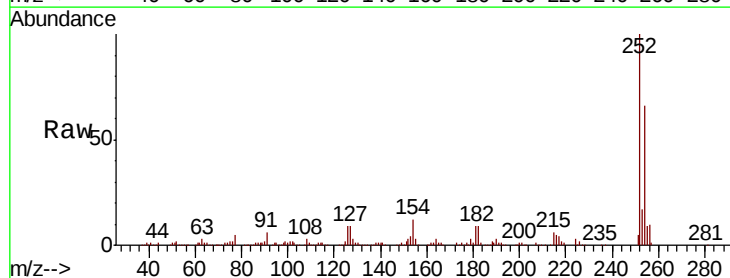
Instrument :
BNA_F
ClientSampleId :

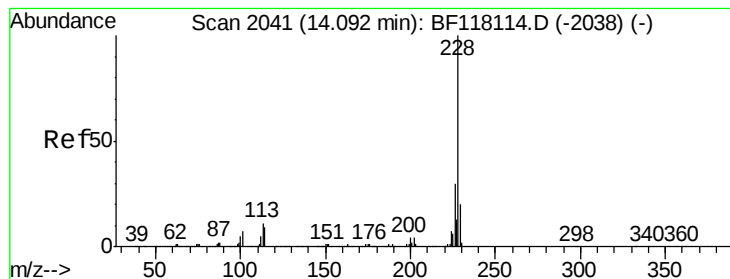
Tot Ion:228 Resp: 606612
Ion Ratio Lower Upper
228 100
226 26.3 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 21.572 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:252 Resp: 211316
Ion Ratio Lower Upper
252 100
254 65.5 52.2 78.4
126 9.1 8.6 13.0





#83

Chrysene

Concen: 21.713 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

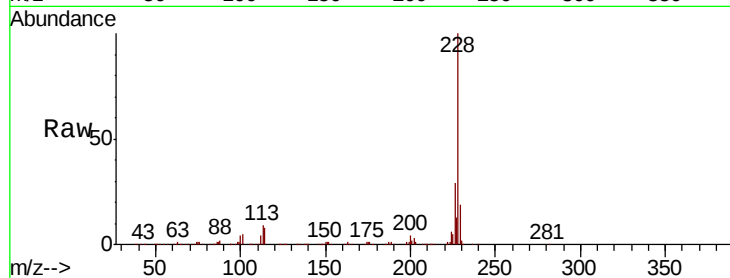
Tot Ion:228 Resp: 589213

Ion Ratio Lower Upper

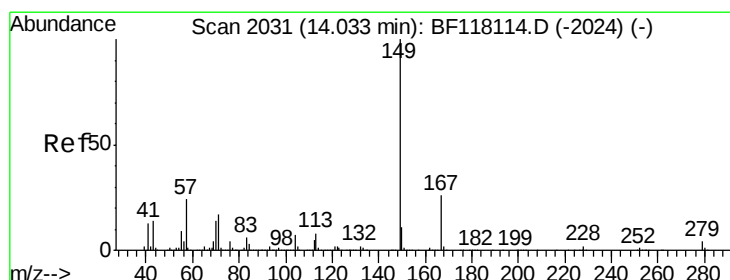
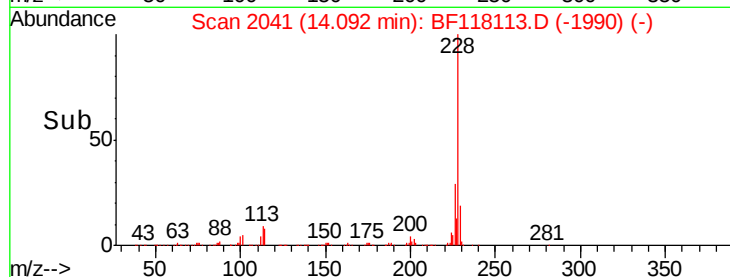
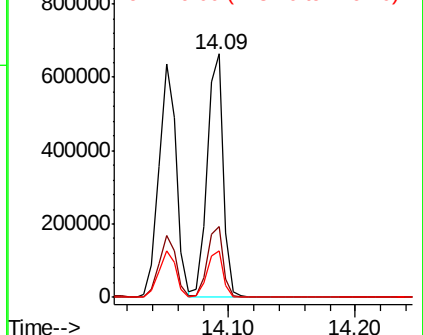
228 100

226 29.2 23.8 35.8

229 19.2 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.640 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

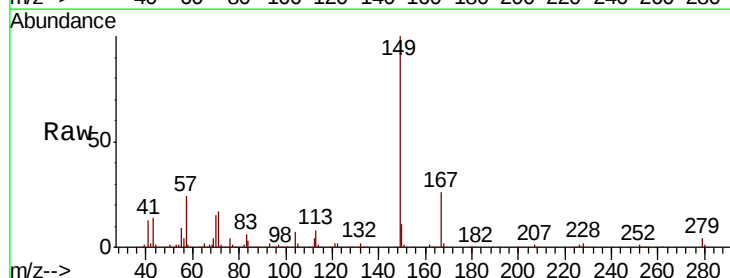
Tgt Ion:149 Resp: 403747

Ion Ratio Lower Upper

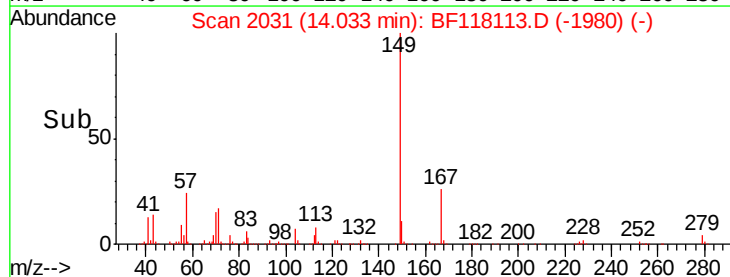
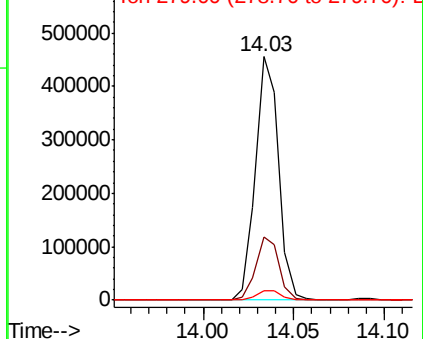
149 100

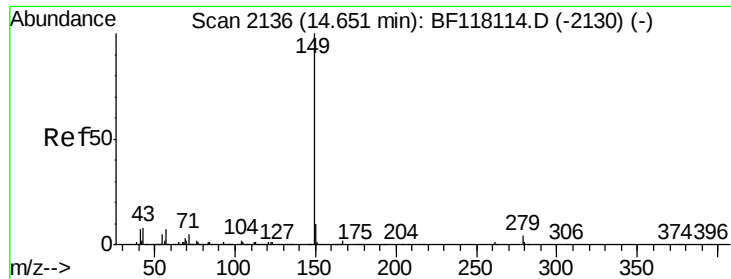
167 25.9 20.8 31.2

279 3.7 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 24.152 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

Instrument :

BNA_F

ClientSampleId :

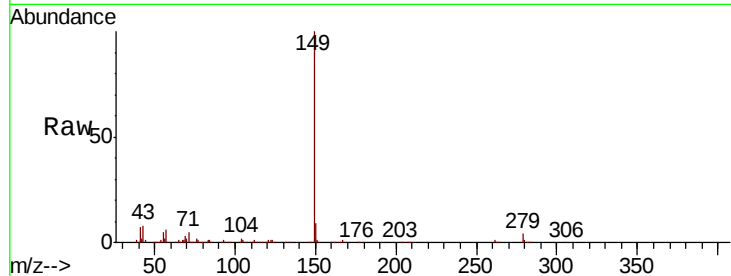
Tot Ion:149 Resp: 632758

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

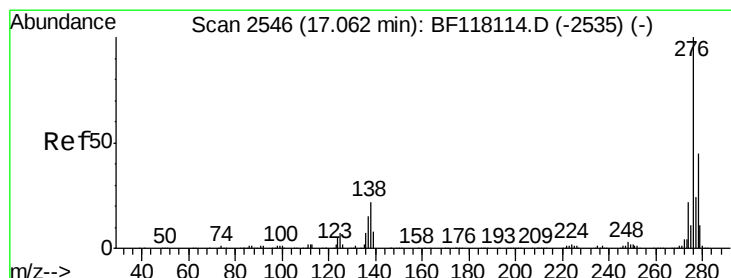
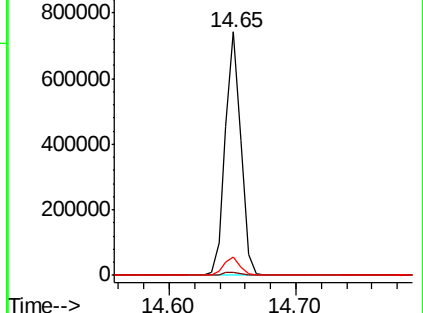
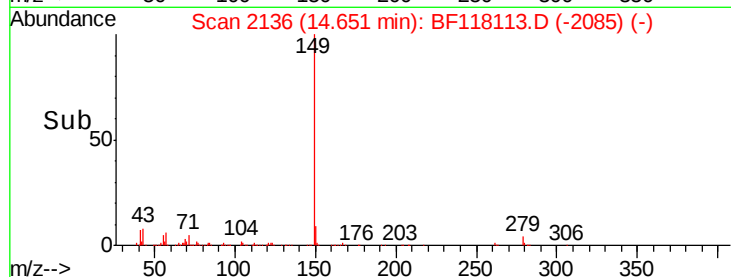
43 7.8 6.5 9.7



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: 19.679 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF118113.D

Acq: 6 Dec 2019 14:32

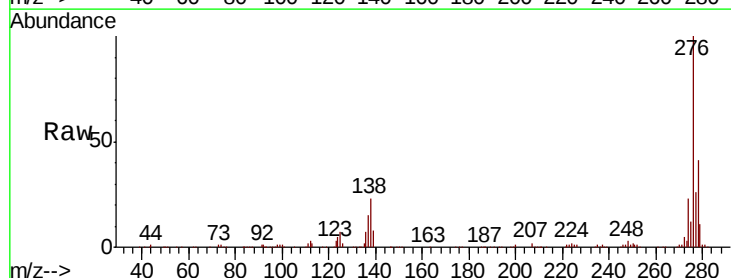
Tgt Ion:276 Resp: 454501

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

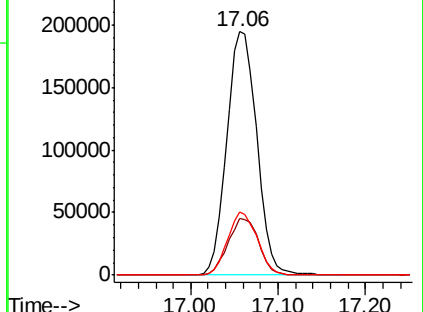
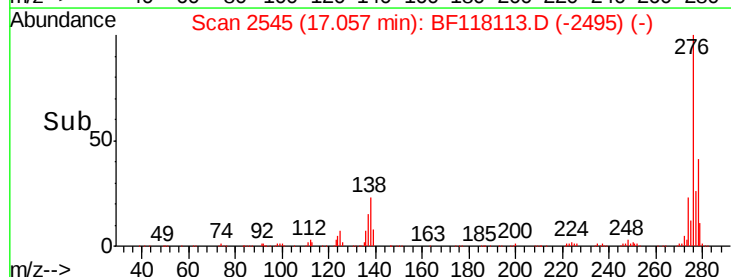
277 25.6 20.4 30.6

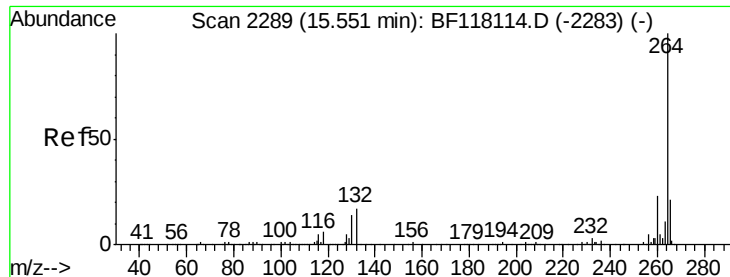


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

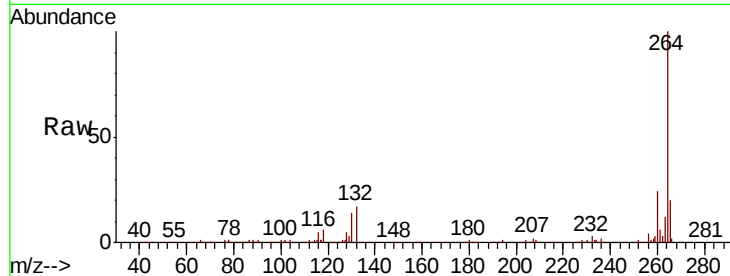




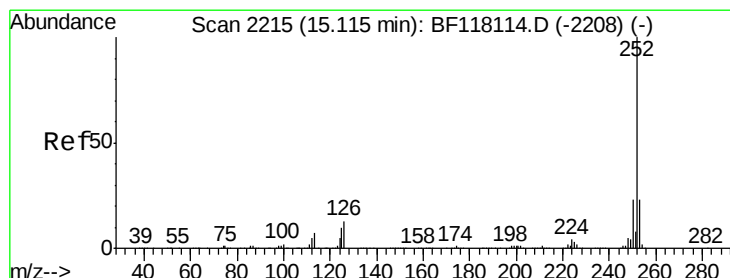
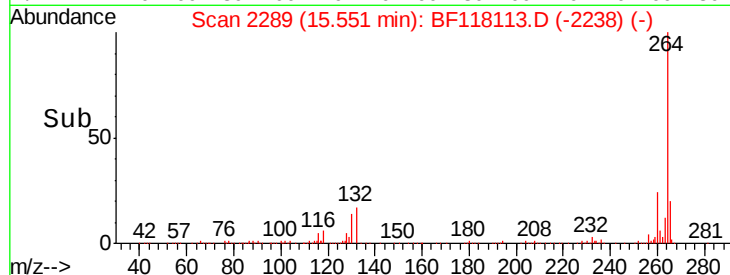
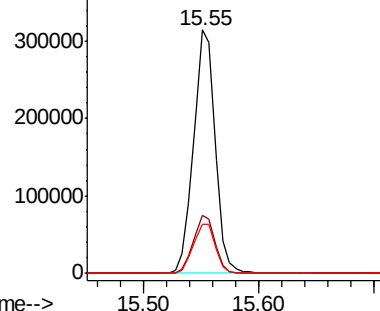
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 406615
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 20.0 16.8 25.2

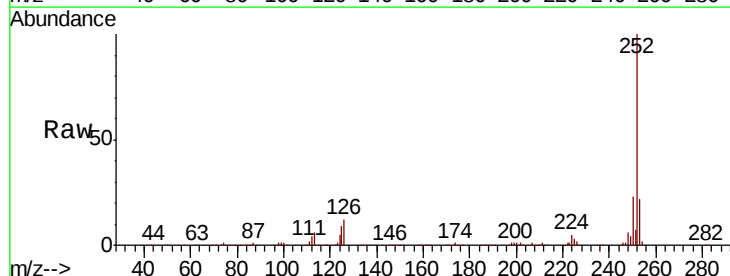


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

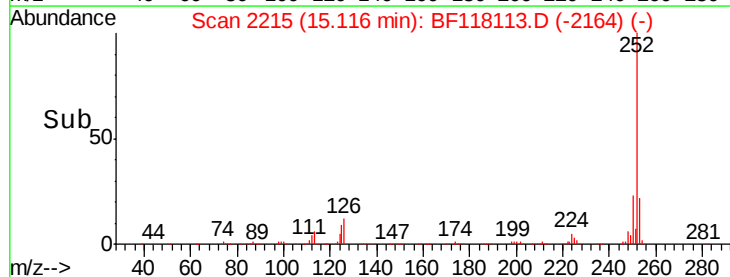
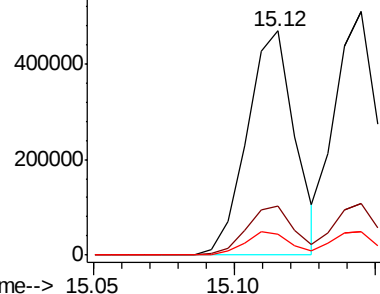


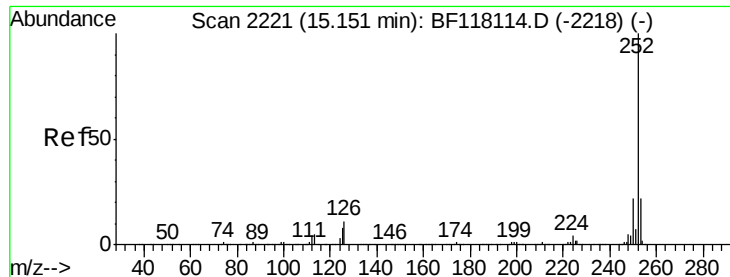
#88
Benzo(b)fluoranthene
Concen: 20.815 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:252 Resp: 549880
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 9.5 8.3 12.5



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

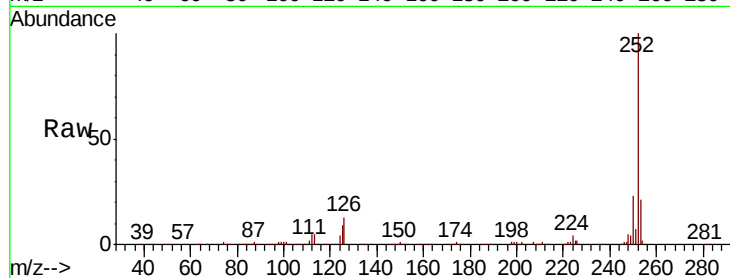




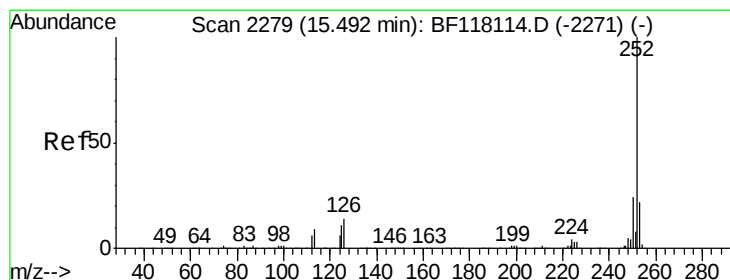
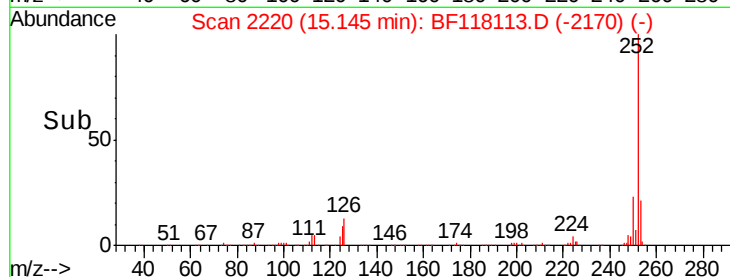
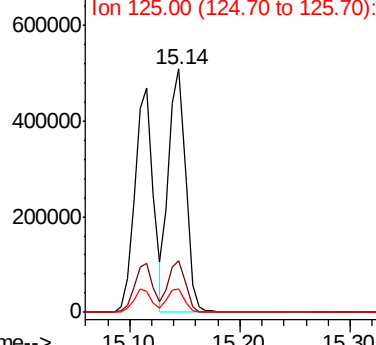
#89
Benzo(k)fluoranthene
Concen: 21.514 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	9.5	6.7	10.1

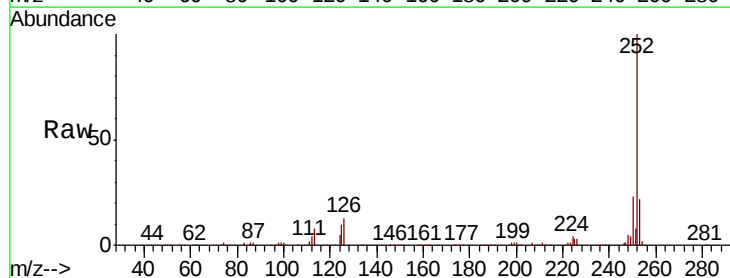


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

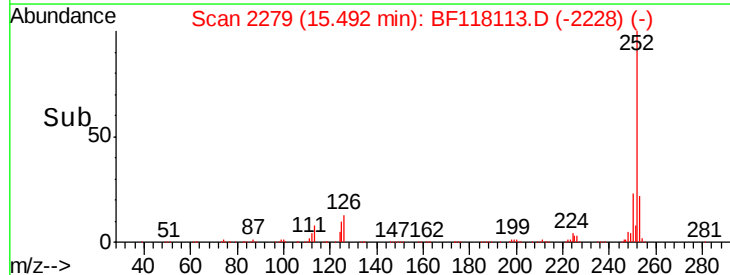
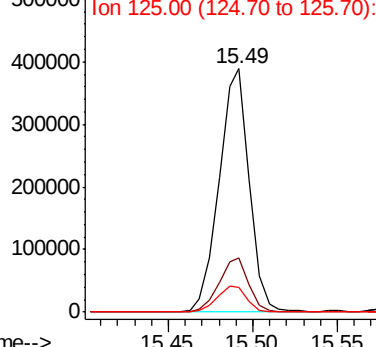


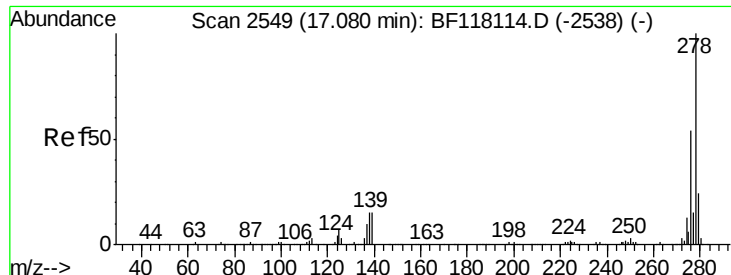
#90
Benzo(a)pyrene
Concen: 20.772 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	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

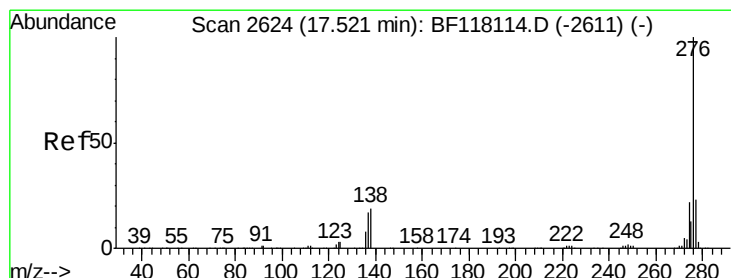
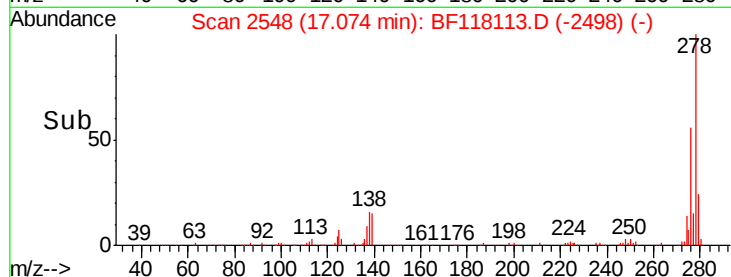
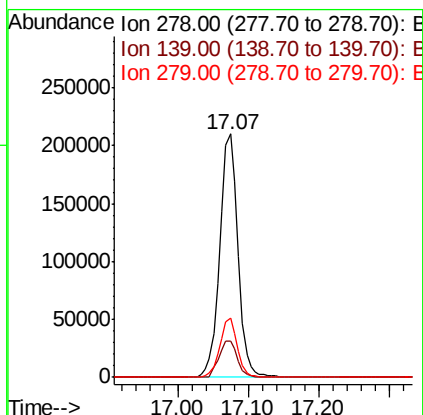
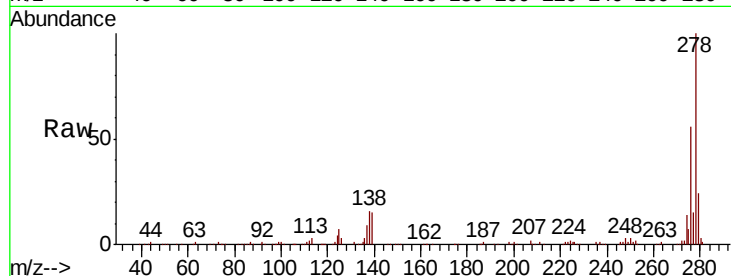




#91
Dibenzo(a,h)anthracene
Concen: 18.835 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 376597
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 24.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 17.081 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118113.D
Acq: 6 Dec 2019 14:32

Tgt Ion:276 Resp: 340170
Ion Ratio Lower Upper
276 100
277 22.1 18.2 27.4
138 19.4 15.5 23.3

