

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118198.D
 Acq On : 13 Dec 2019 20:52
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 13 22:47:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	103113	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	394445	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	209248	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	463821	20.00	ng	0.00
76) Chrysene-d12	14.06	240	292015	20.00	ng	0.00
87) Perylene-d12	15.55	264	316127	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	465171	79.01	ng	0.00
7) Phenol-d6	6.50	99	554295	77.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	530719	75.69	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	225524	88.72	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1094469	79.59	ng	0.00
79) Terphenyl-d14	13.00	244	1465496	86.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	93666	37.732	ng	98
3) Pyridine	3.35	79	250852	39.168	ng	99
4) n-Nitrosodimethylamine	3.30	42	103468	37.554	ng	95
6) Aniline	6.53	93	341020	37.439	ng	96
8) 2-Chlorophenol	6.66	128	261395	39.376	ng	97
9) Benzaldehyde	6.42	77	148893	40.368	ng	97
10) Phenol	6.52	94	311350	38.340	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	228676	38.935	ng	94
12) 1,3-Dichlorobenzene	6.81	146	307220	39.617	ng	98
13) 1,4-Dichlorobenzene	6.89	146	310667	39.785	ng	99
14) 1,2-Dichlorobenzene	7.04	146	293856	40.072	ng	98
15) Benzyl Alcohol	7.01	79	216778	38.999	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	276797	39.196	ng	98
17) 2-Methylphenol	7.12	107	202768	38.404	ng	98
18) Hexachloroethane	7.38	117	114273	39.715	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	170152	39.323	ng	98
20) 3+4-Methylphenols	7.27	107	258805	39.024	ng	95
22) Acetophenone	7.28	105	365244	38.542	ng	# 94
24) Nitrobenzene	7.45	77	258689	37.553	ng	98
25) Isophorone	7.69	82	450180	37.875	ng	99
26) 2-Nitrophenol	7.77	139	139060	37.769	ng	94
27) 2,4-Dimethylphenol	7.80	122	184034	37.472	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	296521	38.179	ng	99
29) 2,4-Dichlorophenol	8.02	162	221175	38.631	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	259256	38.747	ng	98
31) Naphthalene	8.17	128	771595	38.950	ng	100
32) Benzoic acid	7.93	122	165985	37.431	ng	99
33) 4-Chloroaniline	8.23	127	312403	36.523	ng	97
34) Hexachlorobutadiene	8.29	225	158018	39.384	ng	99
35) Caprolactam	8.60	113	80607	45.653	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	236250	39.211	ng	99
37) 2-Methylnaphthalene	8.87	142	519043	38.702	ng	98
38) 1-Methylnaphthalene	8.97	142	485475	38.552	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	244408	38.557	ng	99

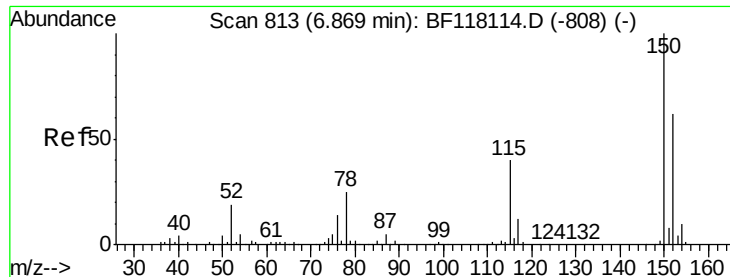
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118198.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	69191	24.362	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	162073	38.294	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	175352	39.990	ng	98
46) 1,1'-Biphenyl	9.33	154	637529	38.631	ng	99
47) 2-Chloronaphthalene	9.36	162	512048	38.572	ng	98
48) 2-Nitroaniline	9.46	65	159435	42.115	ng	95
49) Acenaphthylene	9.78	152	766525	39.148	ng	99
50) Dimethylphthalate	9.63	163	693754	44.886	ng	98
51) 2,6-Dinitrotoluene	9.70	165	146297	43.530	ng	91
52) Acenaphthene	9.95	154	462553	38.704	ng	97
53) 3-Nitroaniline	9.87	138	166275	42.040	ng	98
54) 2,4-Dinitrophenol	9.98	184	52714	31.527	ng	99
55) Dibenzofuran	10.12	168	709586	40.521	ng	99
56) 4-Nitrophenol	10.04	139	111545	40.638	ng	94
57) 2,4-Dinitrotoluene	10.11	165	208347	46.446	ng	93
58) Fluorene	10.47	166	594180	42.696	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	161575	44.664	ng	98
60) Diethylphthalate	10.33	149	729608	47.912	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	295092	42.143	ng	97
62) 4-Nitroaniline	10.49	138	175959	42.656	ng	98
63) Azobenzene	10.62	77	562509	43.271	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	82406	32.171	ng	89
66) n-Nitrosodiphenylamine	10.57	169	560511	38.698	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	199412	37.663	ng	97
68) Hexachlorobenzene	11.02	284	240354	38.569	ng	91
69) Atrazine	11.10	200	130489	30.336	ng	97
70) Pentachlorophenol	11.22	266	110064	37.556	ng	99
71) Phenanthrene	11.43	178	954852	38.727	ng	100
72) Anthracene	11.49	178	965951	39.272	ng	100
73) Carbazole	11.65	167	845417	38.309	ng	99
74) Di-n-butylphthalate	11.97	149	1159883	41.996	ng	99
75) Fluoranthene	12.63	202	945672	37.514	ng	98
77) Benzidine	12.75	184	93305	12.137	ng	99
78) Pyrene	12.86	202	948366	41.212	ng	99
80) Butylbenzylphthalate	13.47	149	438825	42.107	ng	98
81) Benzo(a)anthracene	14.05	228	768322	38.051	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	240784	36.309	ng	96
83) Chrysene	14.09	228	745732	38.663	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	609179	44.329	ng	# 99
85) Di-n-octyl phthalate	14.64	149	904343	43.442	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	841925	51.878	ng	100
88) Benzo(b)fluoranthene	15.12	252	718791	34.379	ng	99
89) Benzo(k)fluoranthene	15.14	252	724815	36.087	ng	99
90) Benzo(a)pyrene	15.49	252	690326	37.385	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	692298	43.711	ng	99
92) Benzo(g,h,i)perylene	17.53	276	674883	44.344	ng	99

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

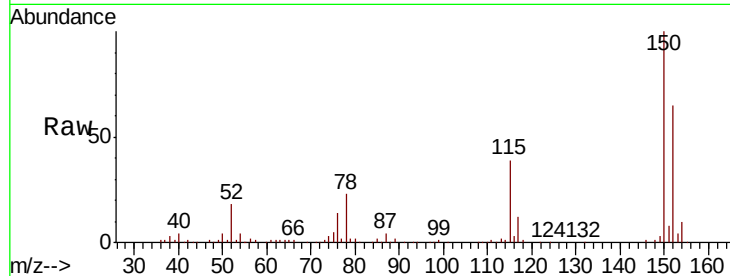


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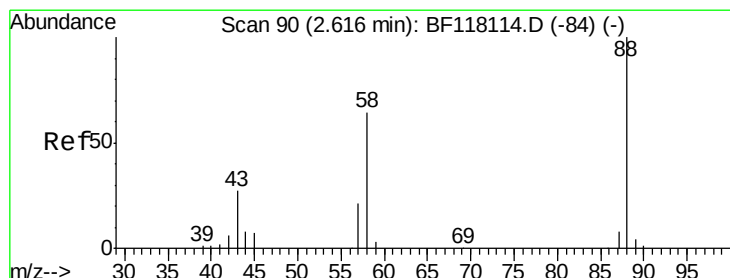
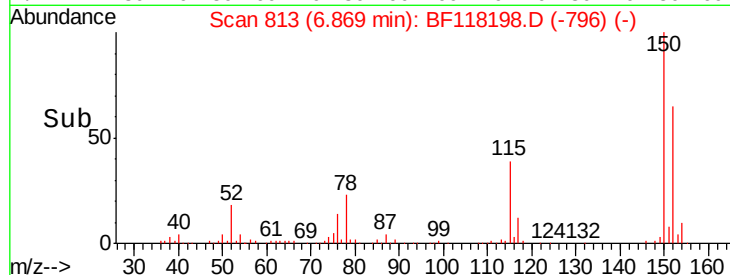
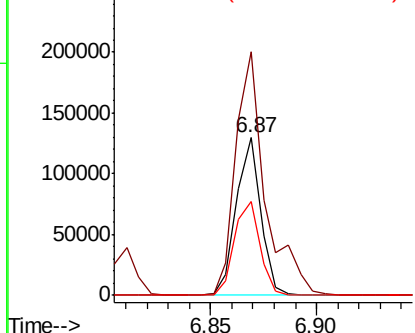
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 103113
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 59.6 51.1 76.7



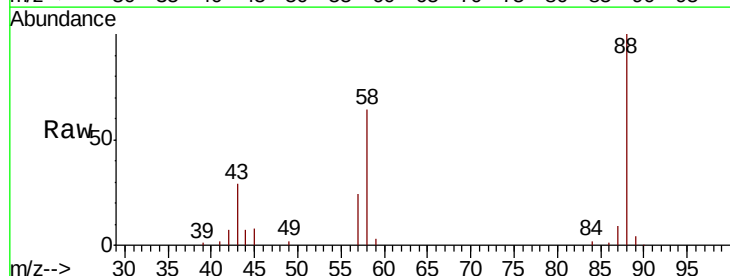
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



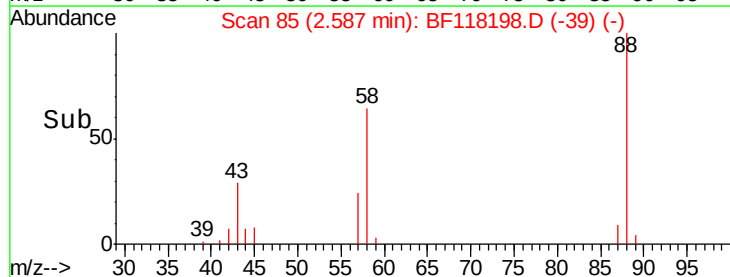
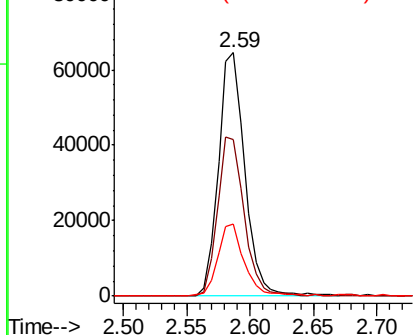
#2

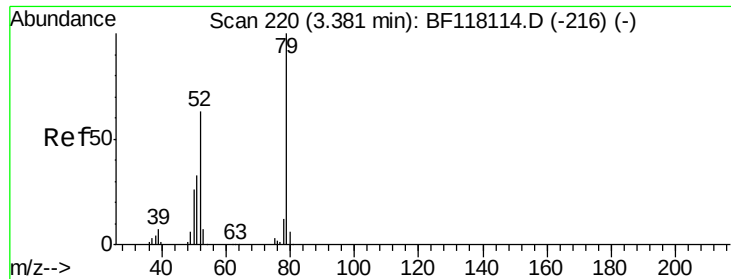
1,4-Dioxane
Concen: 37.732 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.03 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion: 88 Resp: 93666
Ion Ratio Lower Upper
88 100
58 65.6 52.2 78.4
43 29.9 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.168 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.03 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

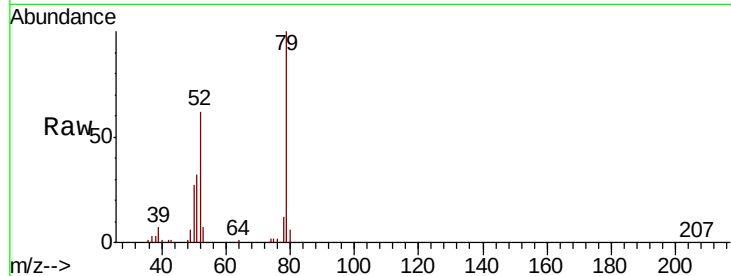
Tot Ion: 79 Resp: 250852

Ion Ratio Lower Upper

79 100

52 62.4 50.7 76.1

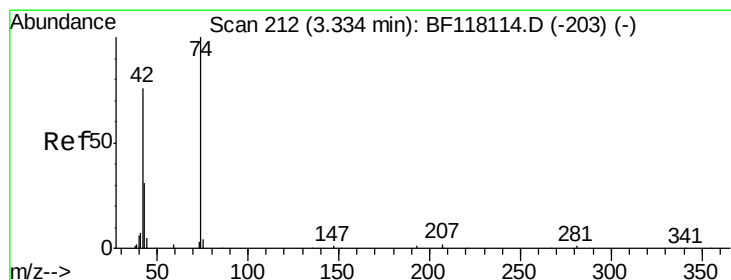
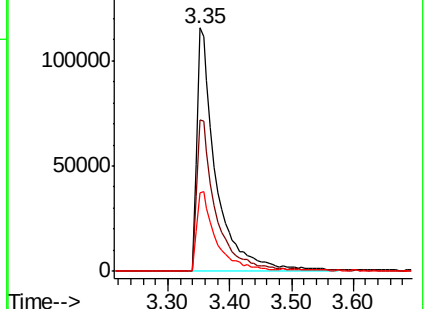
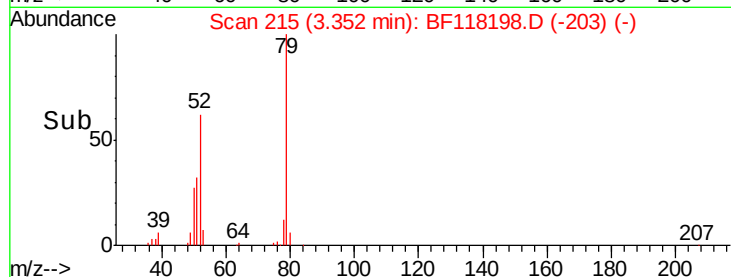
51 32.4 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.554 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

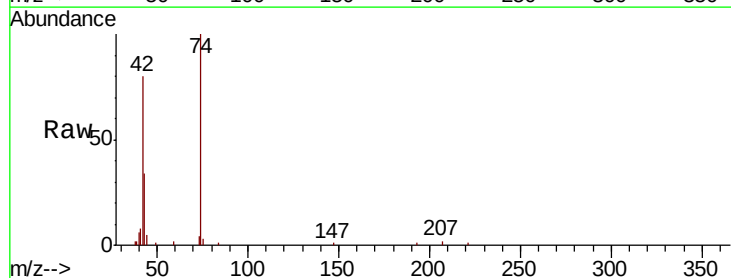
Tgt Ion: 42 Resp: 103468

Ion Ratio Lower Upper

42 100

74 124.8 104.6 157.0

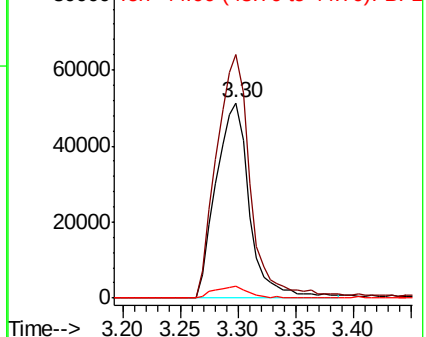
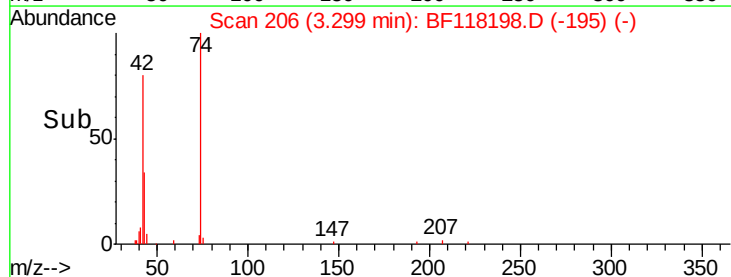
44 5.9 5.1 7.7

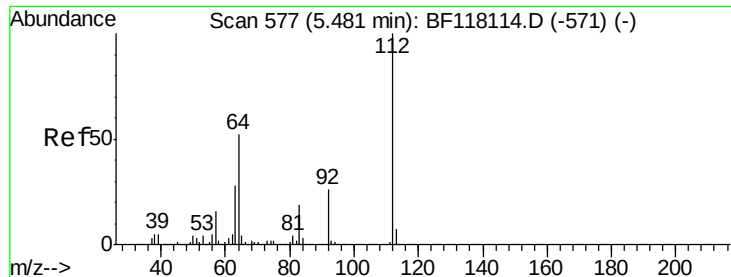


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.013 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

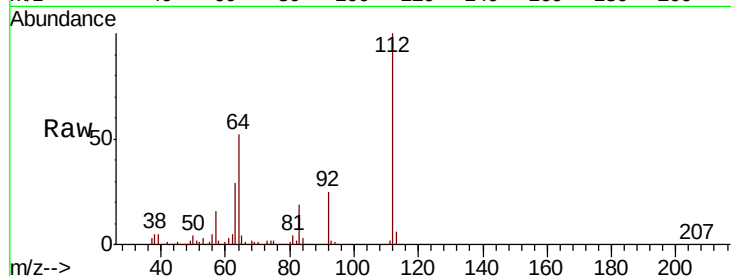
Tot Ion:112 Resp: 465171

Ion Ratio Lower Upper

112 100

64 51.8 41.3 61.9

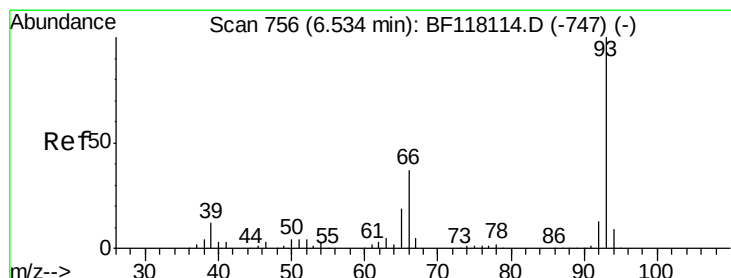
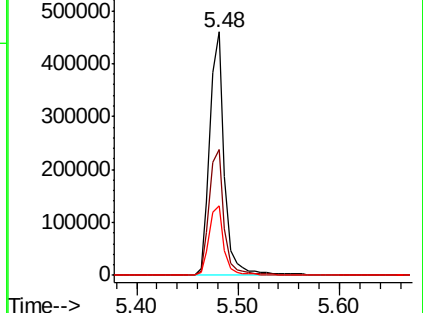
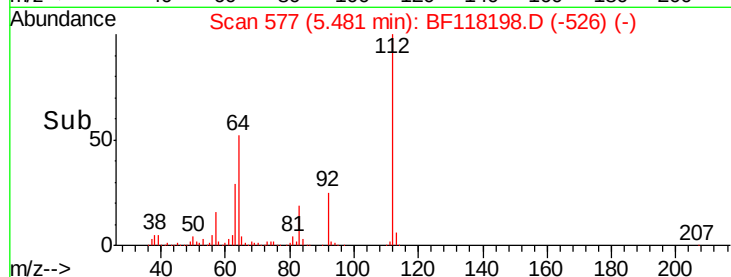
63 28.7 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.439 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

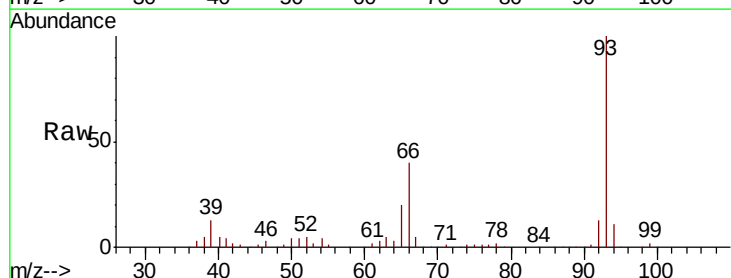
Tgt Ion: 93 Resp: 341020

Ion Ratio Lower Upper

93 100

66 40.2 30.2 45.2

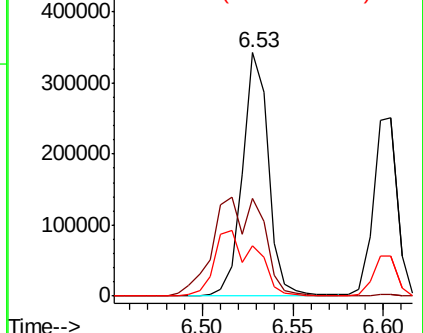
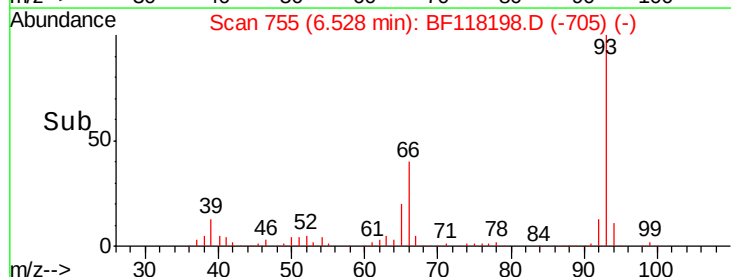
65 20.4 15.5 23.3

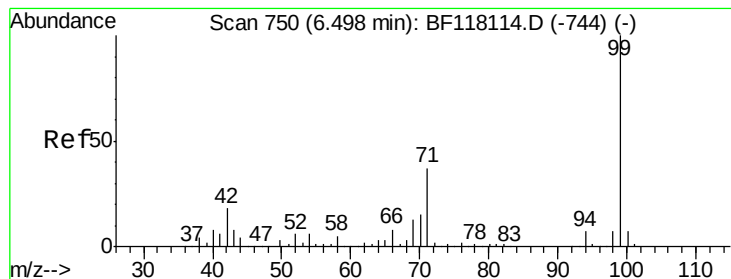


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.842 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

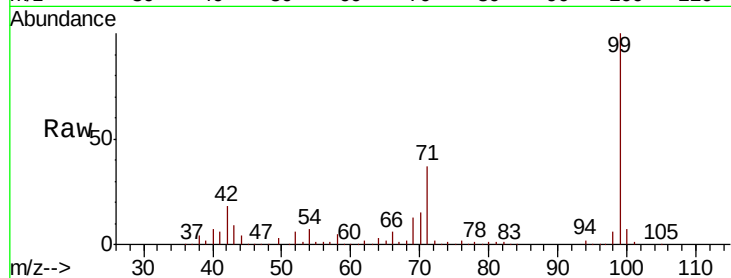
Tot Ion: 99 Resp: 554295

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

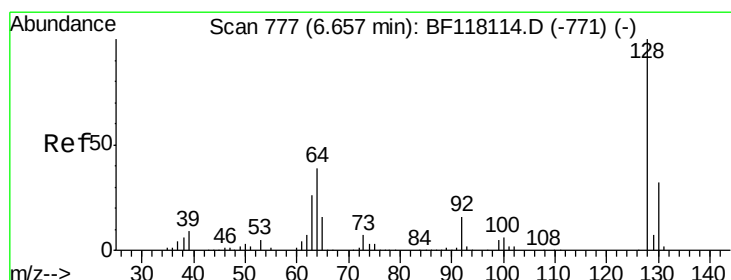
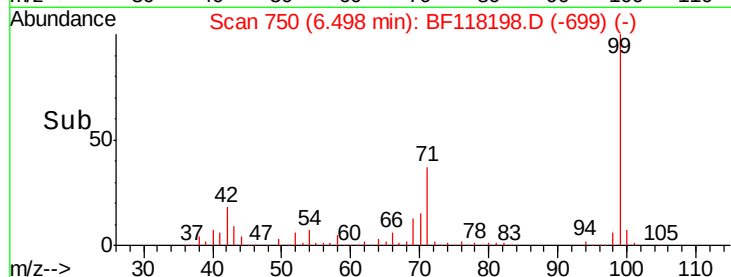
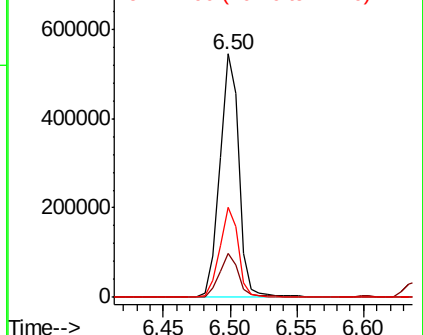
71 36.9 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.376 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

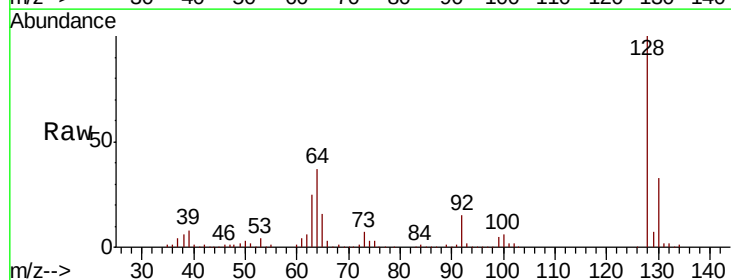
Tgt Ion: 128 Resp: 261395

Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

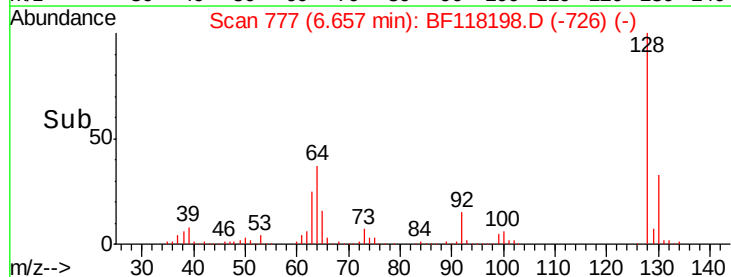
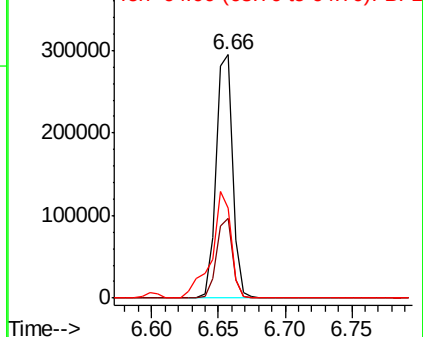
64 37.0 19.3 59.3

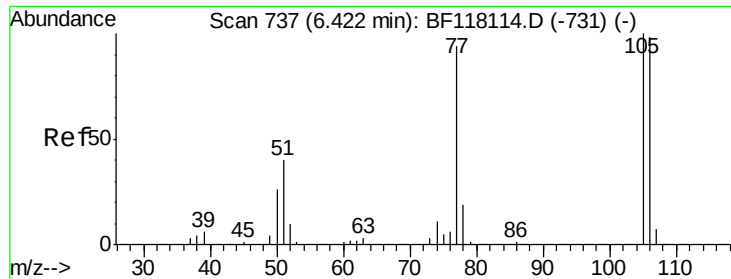


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.368 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

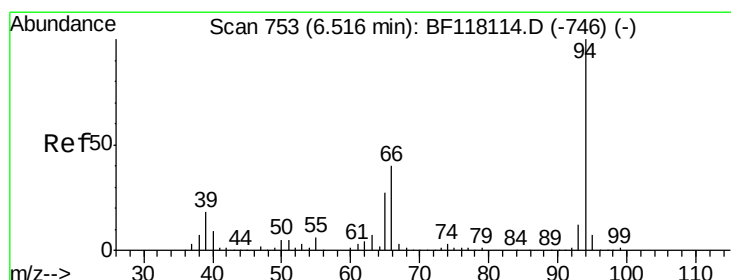
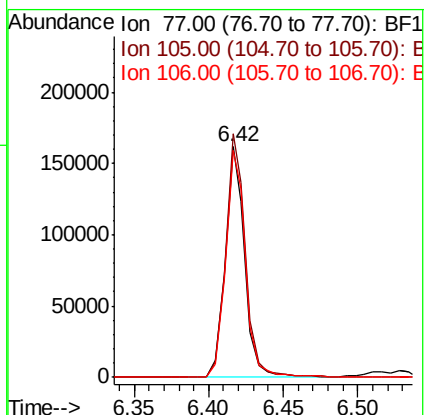
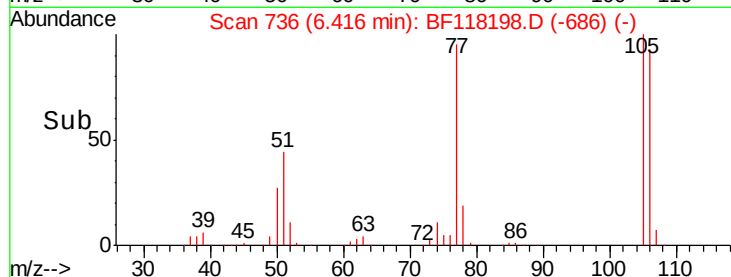
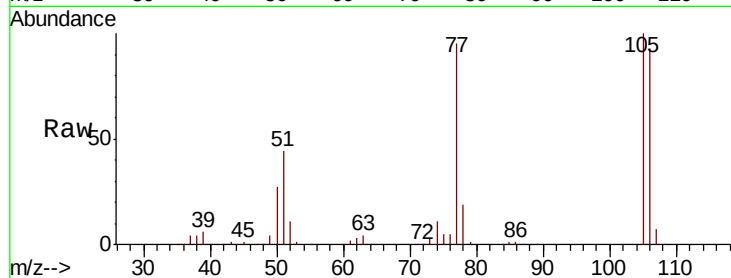
Tot Ion: 77 Resp: 148893

Ion Ratio Lower Upper

77 100

105 105.5 86.4 126.4

106 98.5 83.8 123.8



#10

Phenol

Concen: 38.340 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

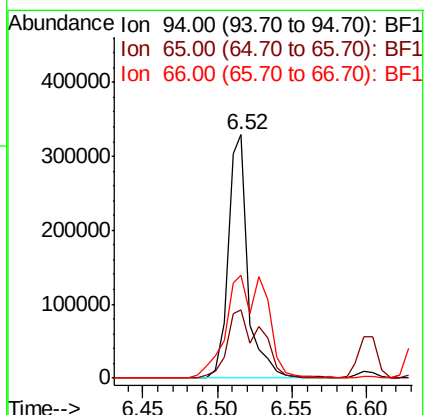
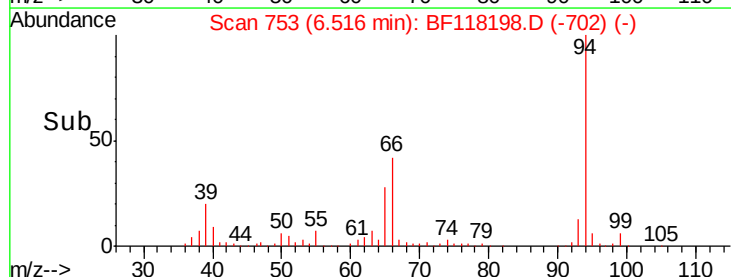
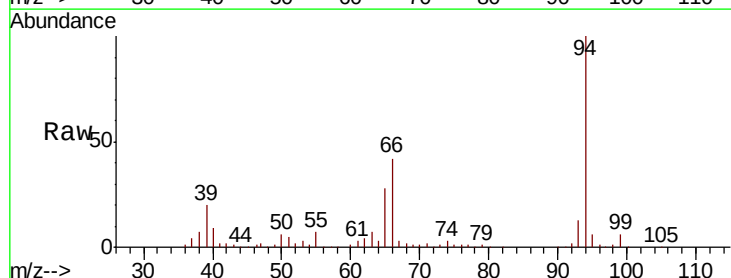
Tgt Ion: 94 Resp: 311350

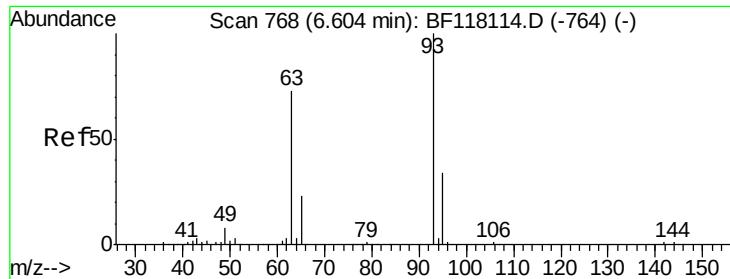
Ion Ratio Lower Upper

94 100

65 28.0 7.3 47.3

66 42.0 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 38.935 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

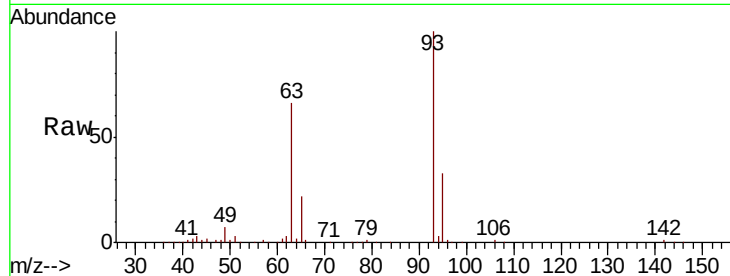
Tot Ion: 93 Resp: 228676

Ion Ratio Lower Upper

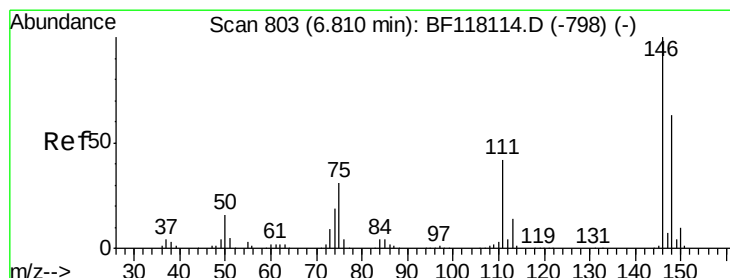
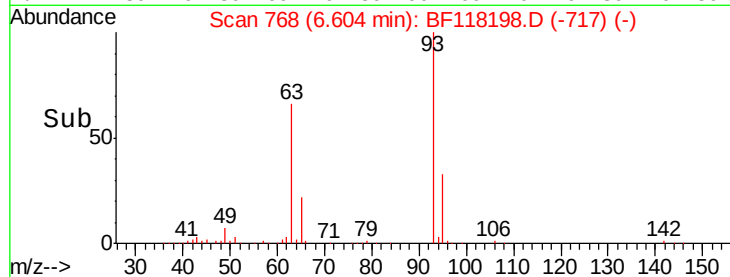
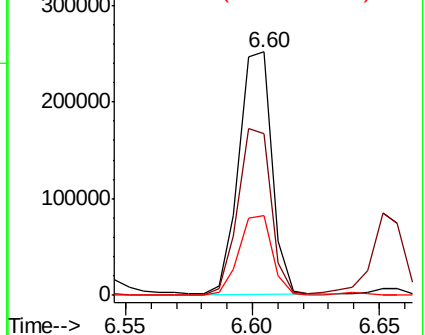
93 100

63 66.4 53.2 93.2

95 33.0 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 39.617 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

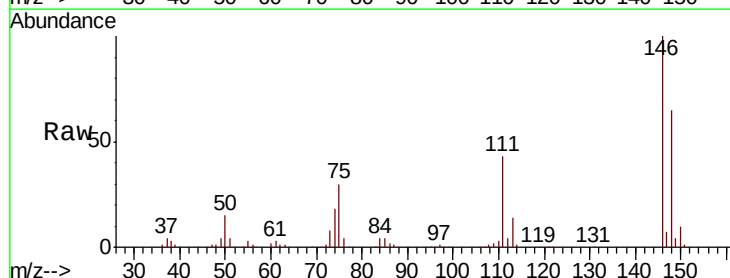
Tgt Ion: 146 Resp: 307220

Ion Ratio Lower Upper

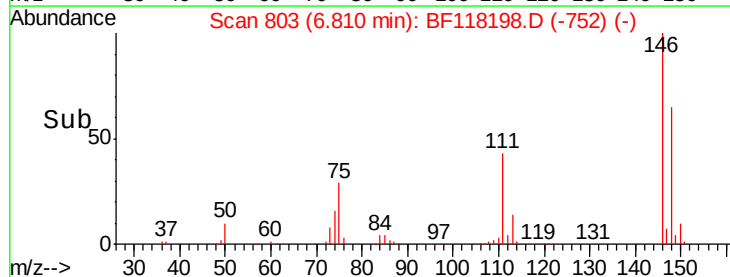
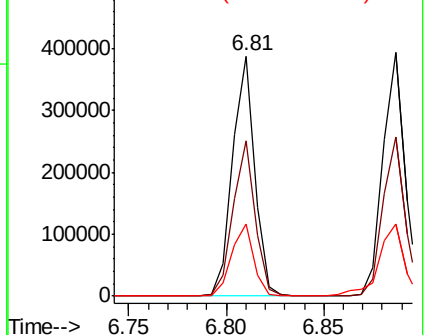
146 100

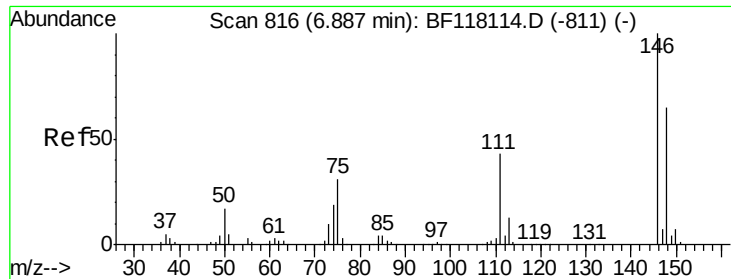
148 64.7 50.2 75.4

75 30.1 24.6 37.0



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

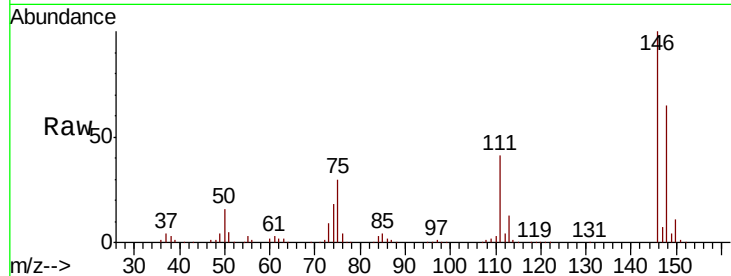




#13
 1,4-Dichlorobenzene
 Concen: 39.785 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
111	41.1	34.6	52.0

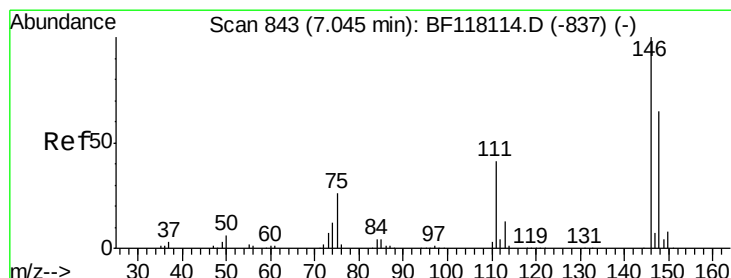
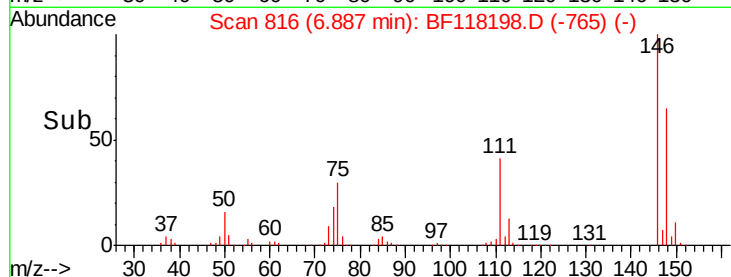
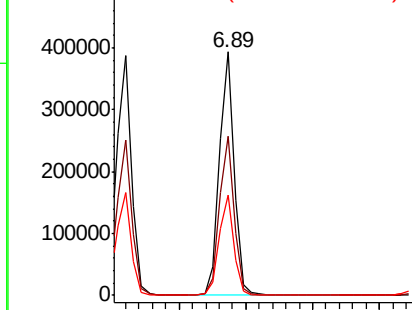


Abundance

Ion 146.00 (145.70 to 146.70): E

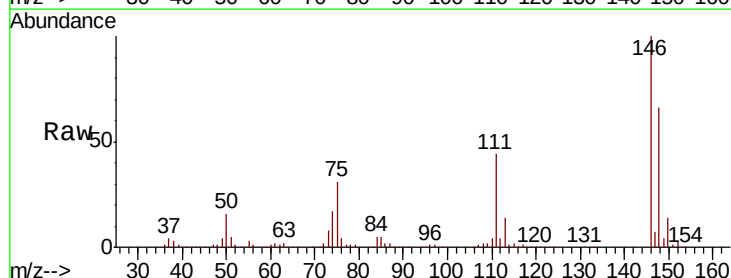
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.072 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	44.3	33.1	49.7

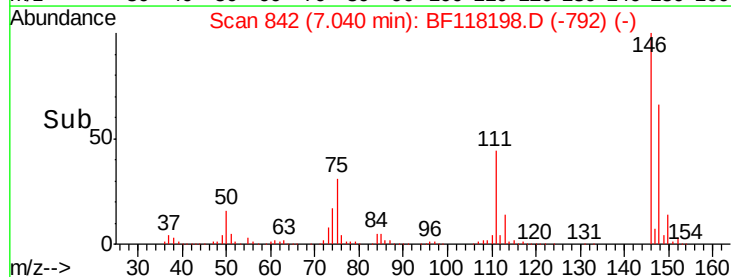
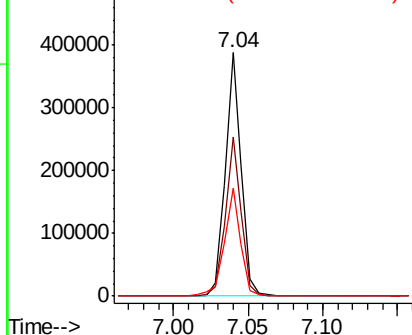


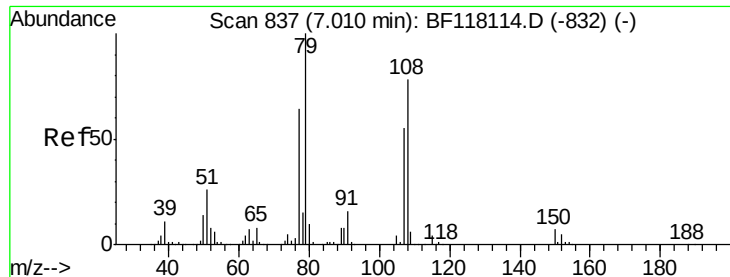
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.999 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

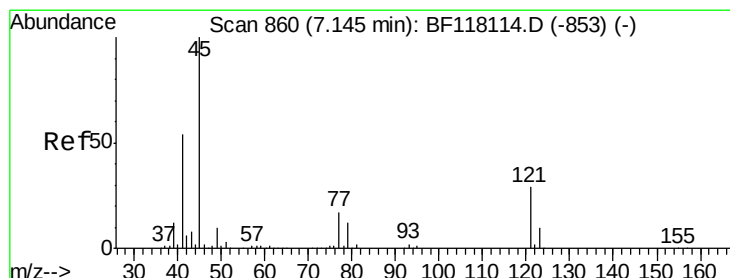
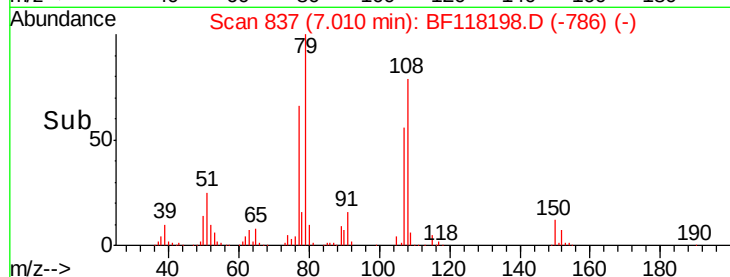
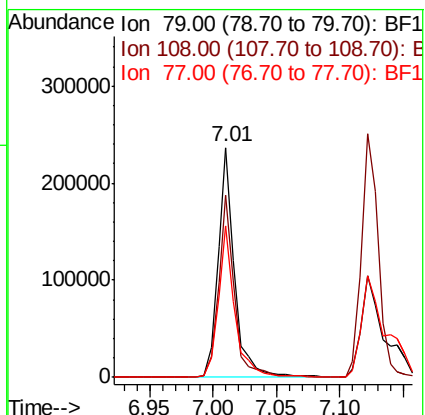
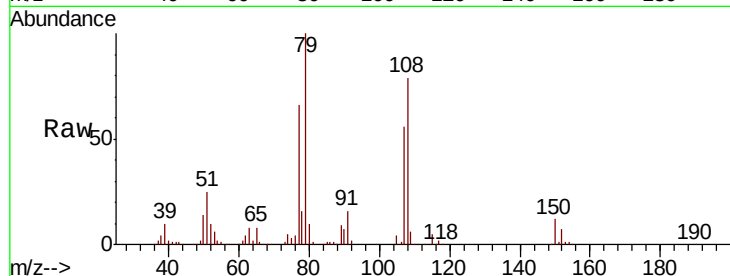
Tot Ion: 79 Resp: 216778

Ion Ratio Lower Upper

79 100

108 79.4 62.7 94.1

77 65.8 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.196 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

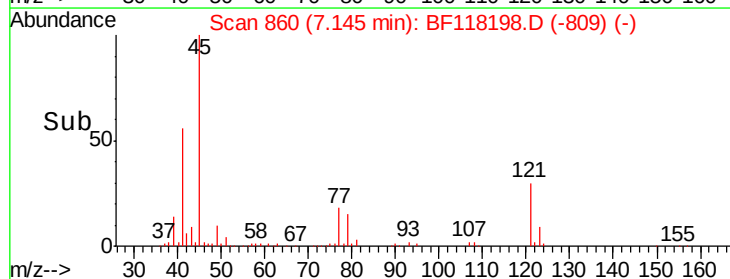
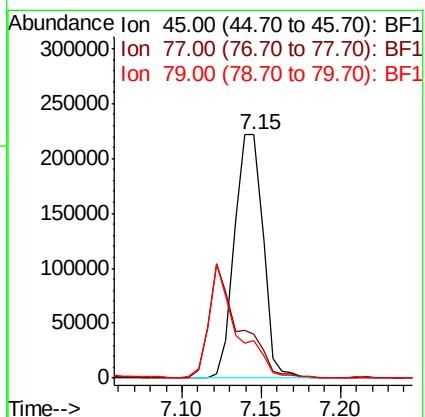
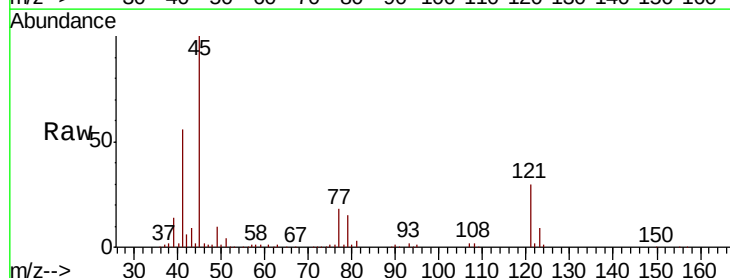
Tgt Ion: 45 Resp: 276797

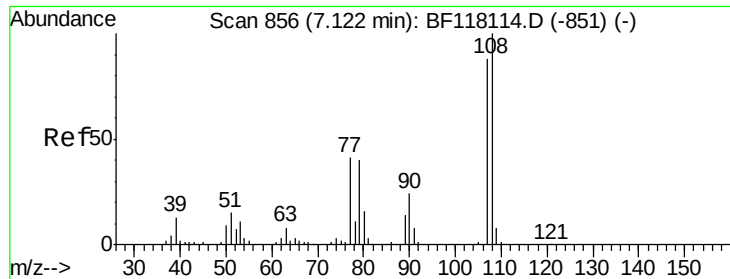
Ion Ratio Lower Upper

45 100

77 18.2 0.0 38.0

79 15.2 0.0 33.2

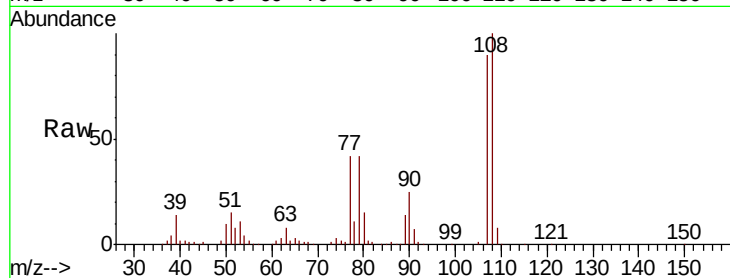




#17
2-Methylphenol
Concen: 38.404 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	202768
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.1	136.7
77	46.1	37.8	56.6
79	46.2	37.0	55.6



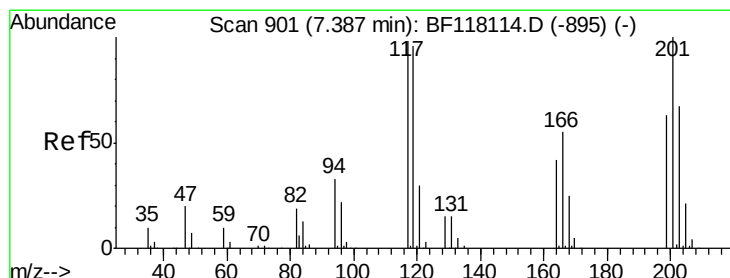
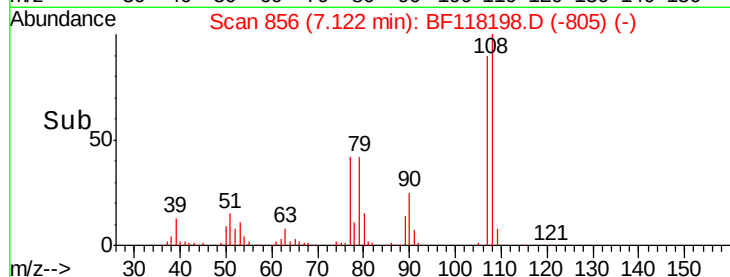
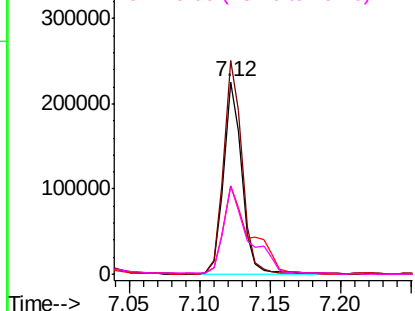
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

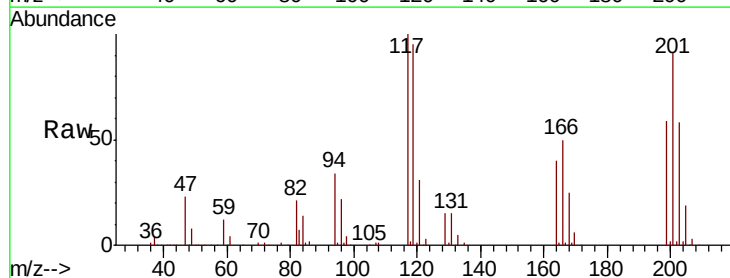
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.715 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:	117	Resp:	114273
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.4
201	91.5	81.6	122.4

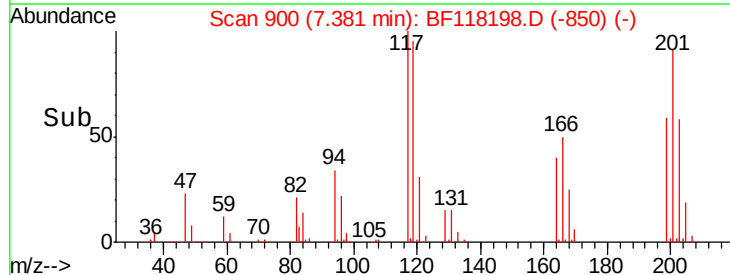
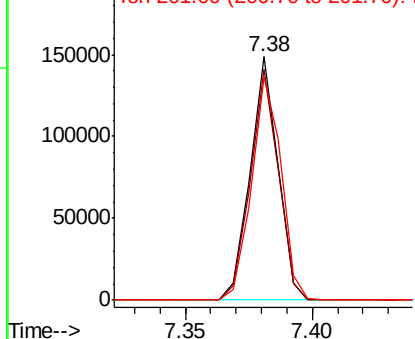


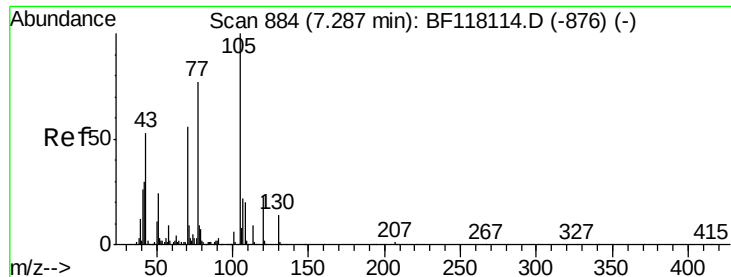
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

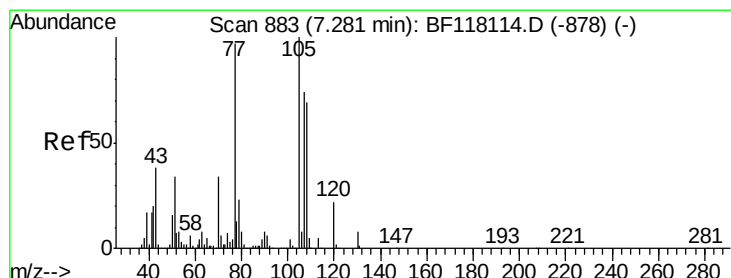
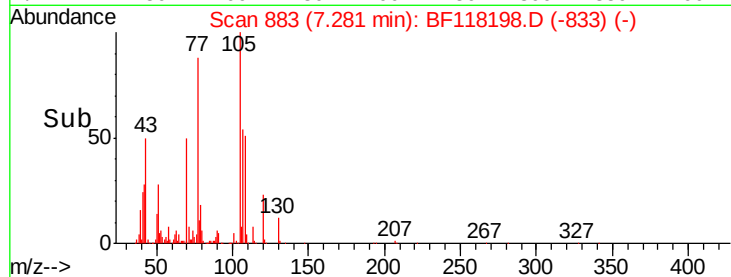
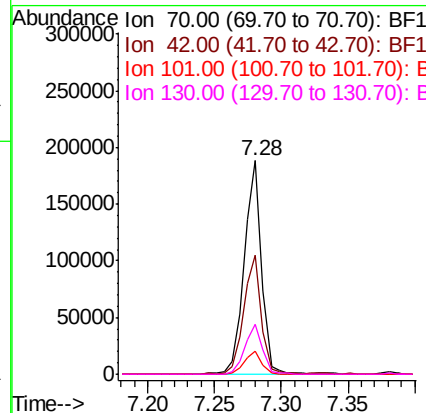
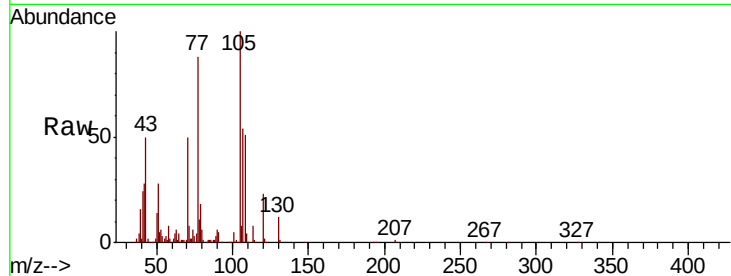




#19
n-Nitroso-di-n-propylamine
Concen: 39.323 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

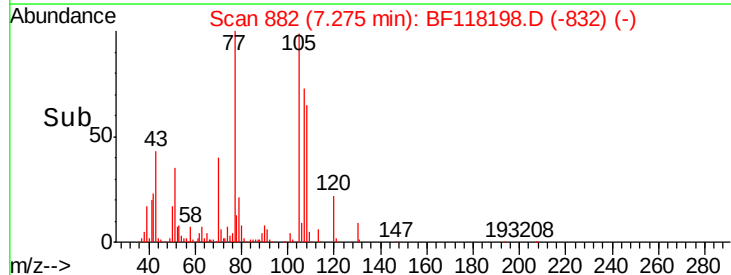
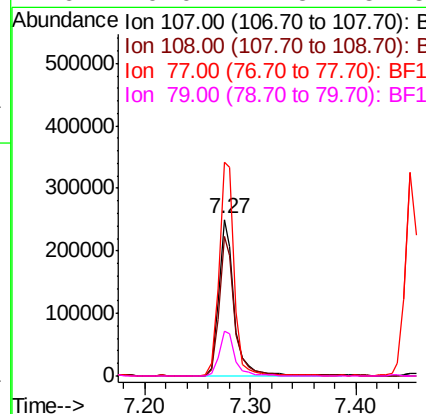
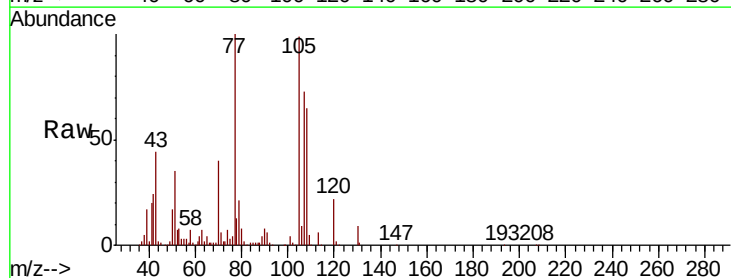
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

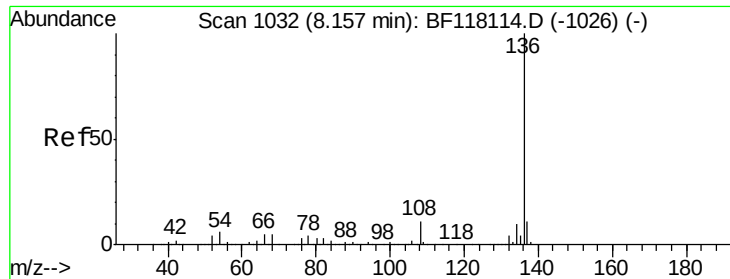
Tot Ion:	70	Resp:	170152
Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.2	64.8
101	10.6	8.1	12.1
130	23.5	19.8	29.8



#20
3+4-Methylphenols
Concen: 39.024 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:	107	Resp:	258805
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.2	113.2
77	136.6	110.9	150.9
79	29.0	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: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 394445

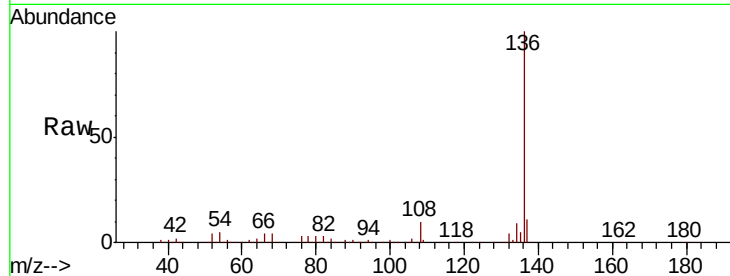
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 5.4 5.0 7.6

68 4.3 3.8 5.8

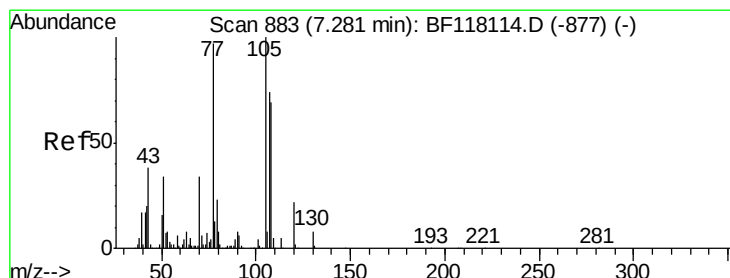
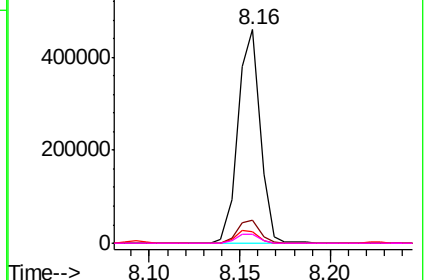
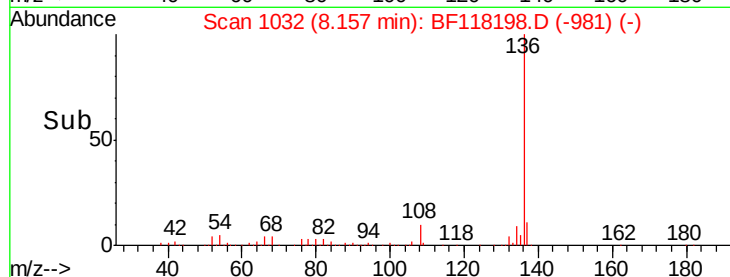


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.542 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Tgt Ion:105 Resp: 365244

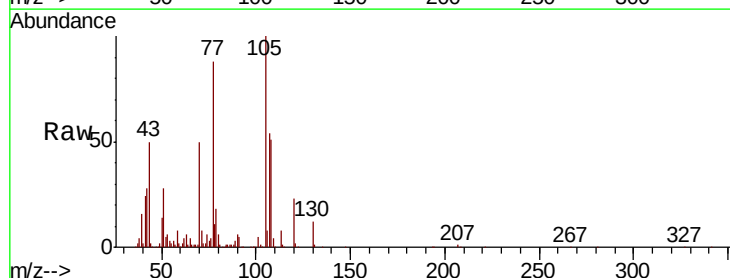
Ion Ratio Lower Upper

105 100

71 8.4 4.7 7.1#

51 28.5 27.1 40.7

120 22.6 17.8 26.6

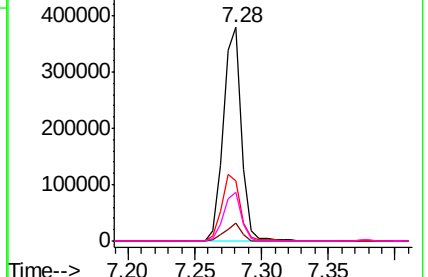
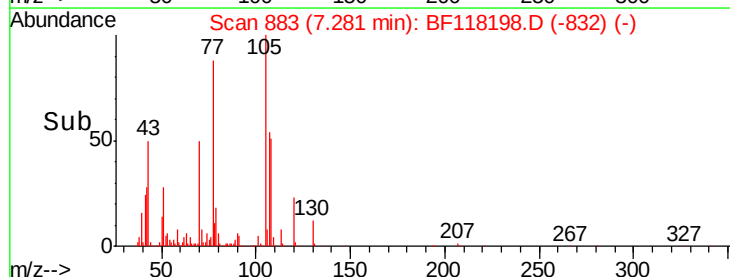


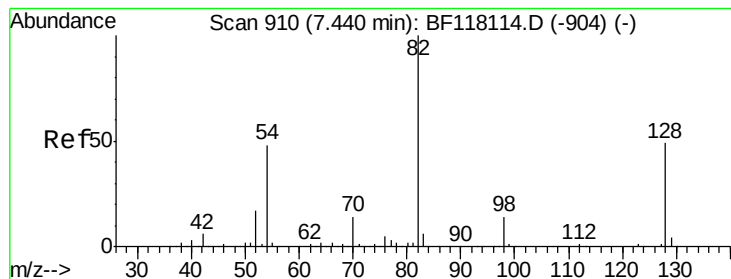
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.694 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

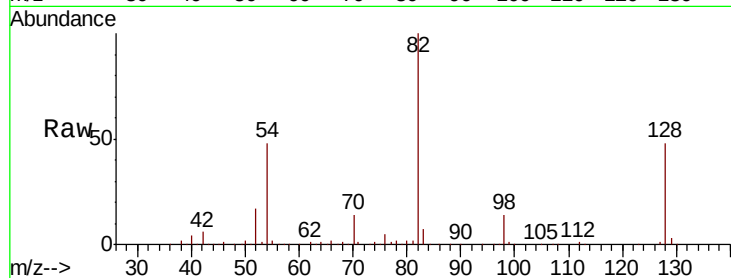
Tot Ion: 82 Resp: 530719

Ion Ratio Lower Upper

82 100

128 48.2 39.1 58.7

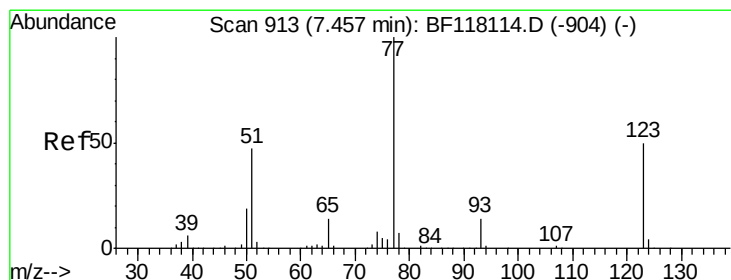
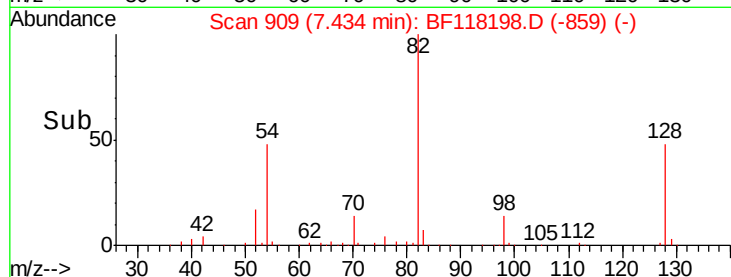
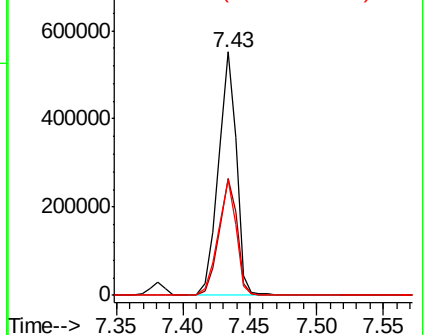
54 47.6 38.2 57.2



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: 37.553 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

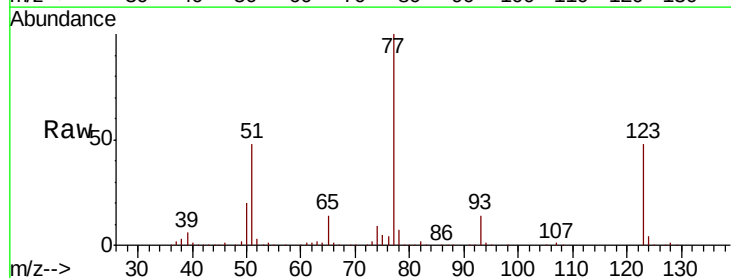
Tgt Ion: 77 Resp: 258689

Ion Ratio Lower Upper

77 100

123 48.3 40.1 60.1

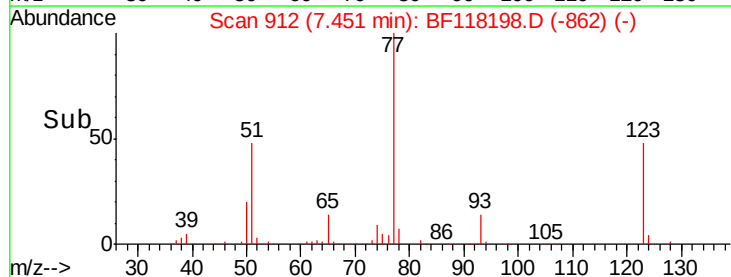
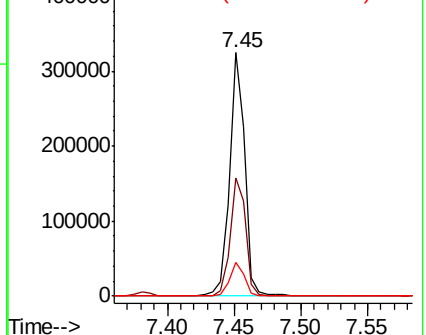
65 13.9 10.9 16.3

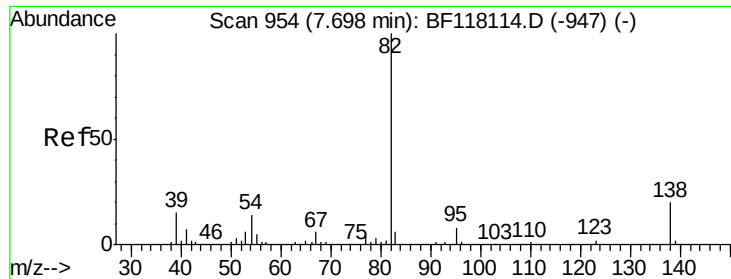


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.875 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

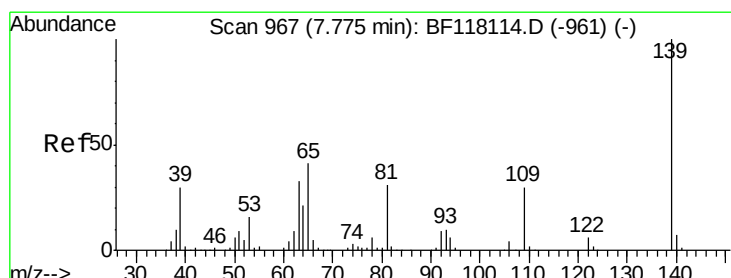
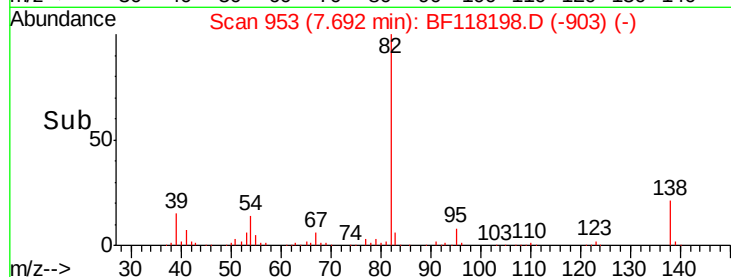
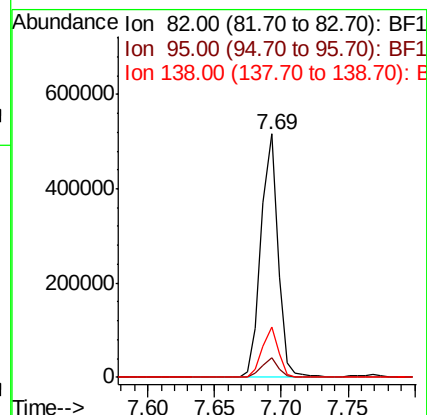
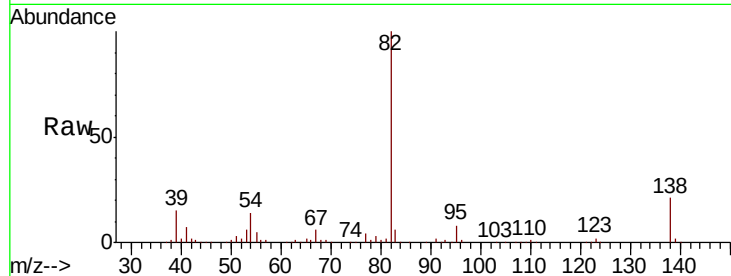
Tot Ion: 82 Resp: 450180

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 20.8 16.3 24.5



#26

2-Nitrophenol

Concen: 37.769 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

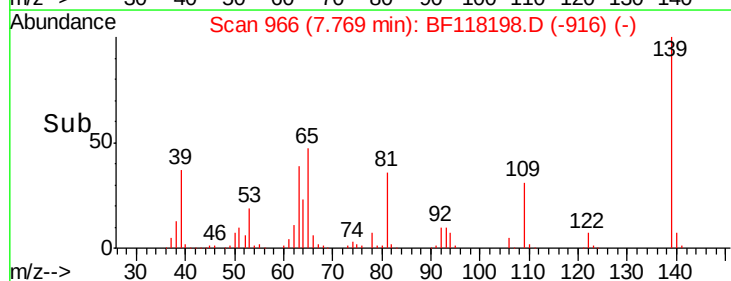
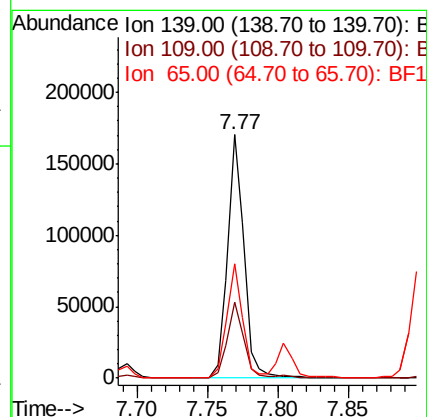
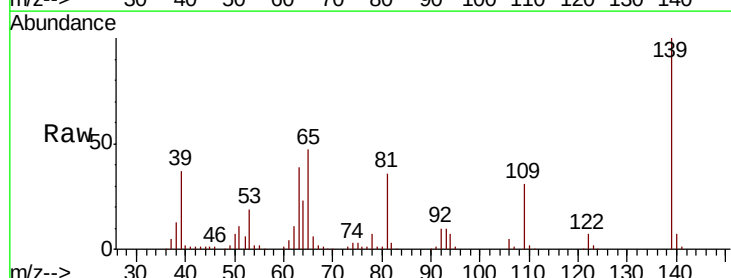
Tgt Ion: 139 Resp: 139060

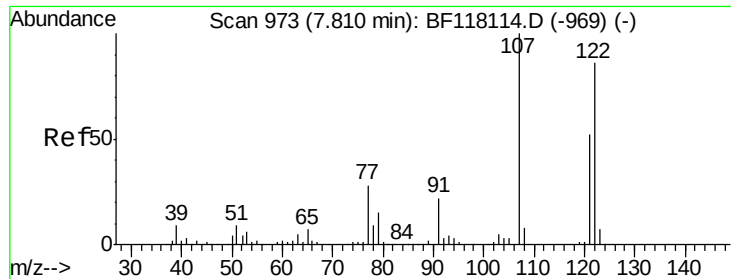
Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

65 47.0 33.0 49.6

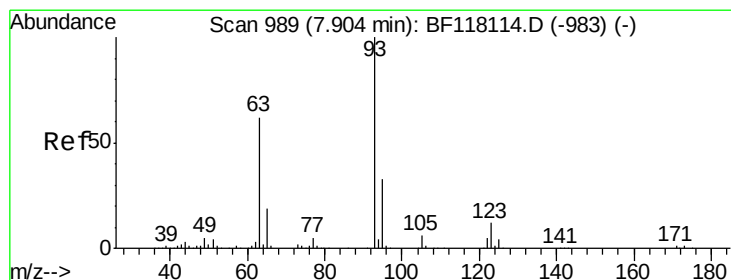
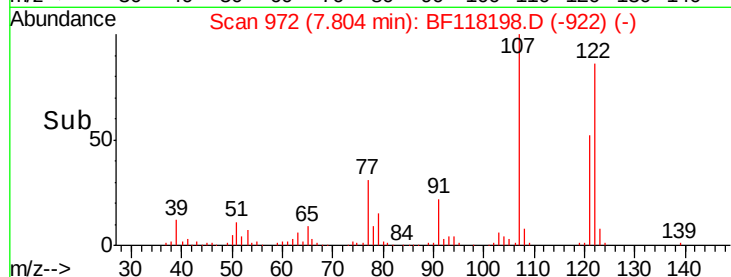
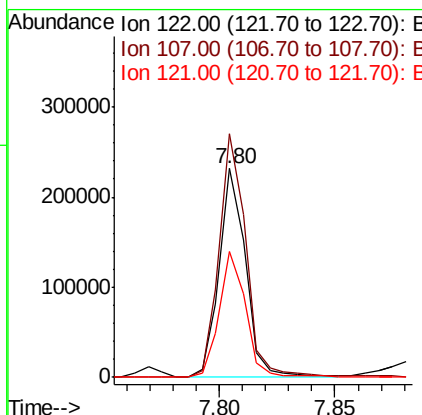
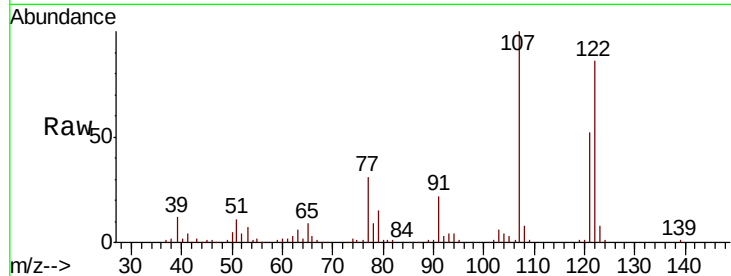




#27
2,4-Dimethylphenol
Concen: 37.472 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

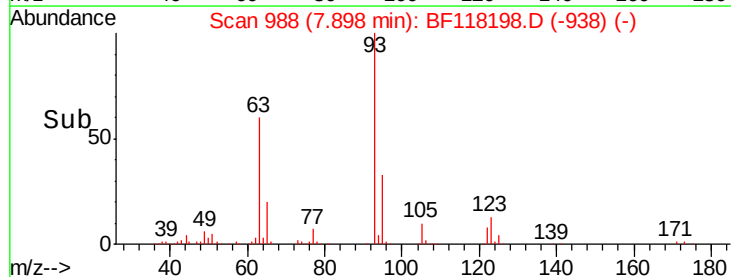
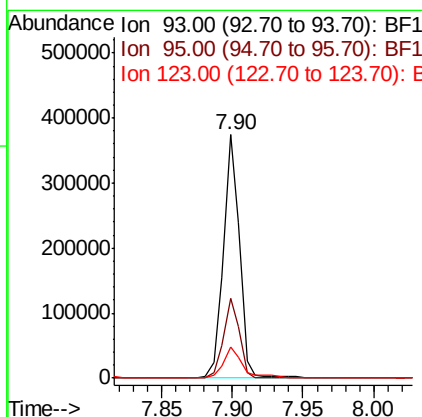
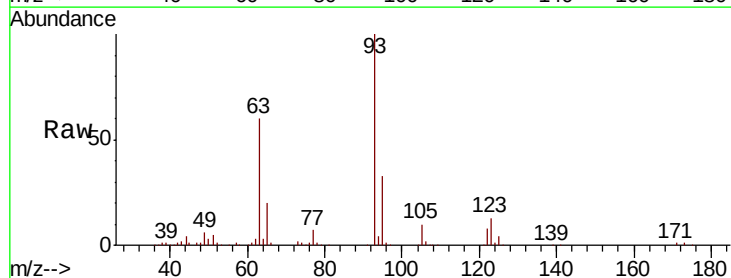
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

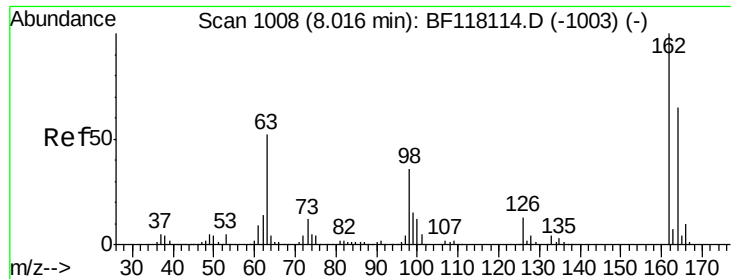
Tot Ion:122 Resp: 184034
Ion Ratio Lower Upper
122 100
107 116.7 92.9 139.3
121 60.3 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 38.179 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion: 93 Resp: 296521
Ion Ratio Lower Upper
93 100
95 32.8 26.7 40.1
123 12.6 10.0 15.0

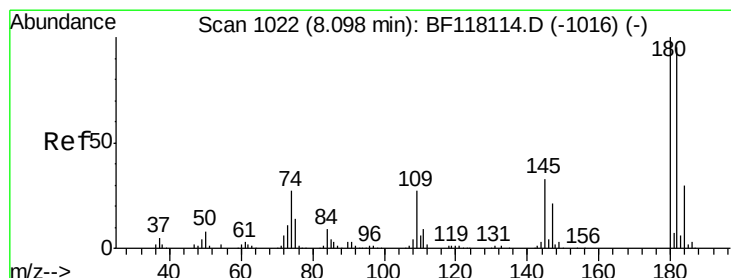
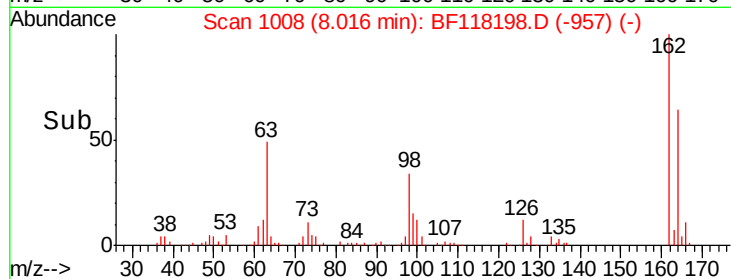
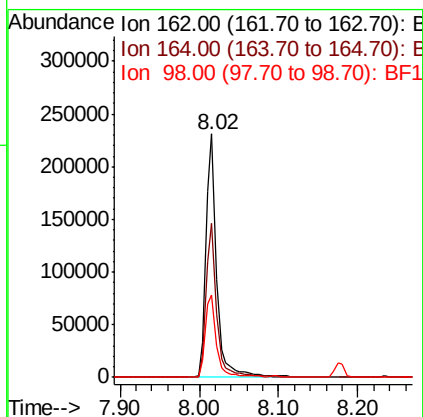
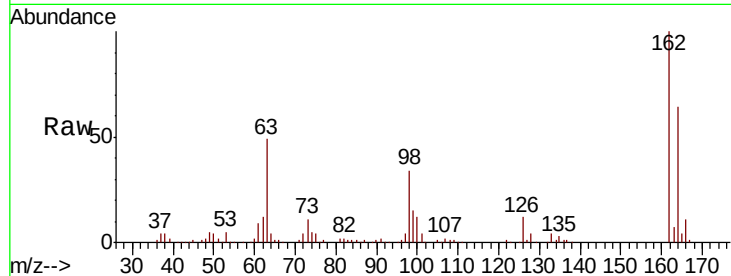




#29
2,4-Dichlorophenol
Concen: 38.631 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

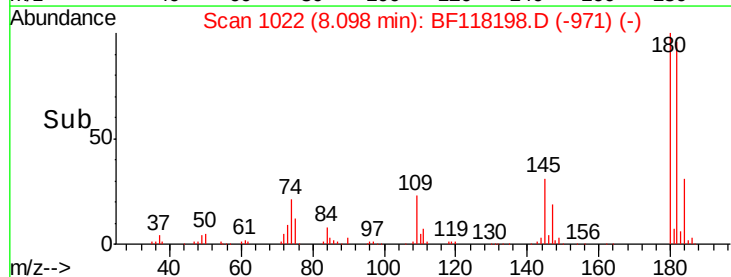
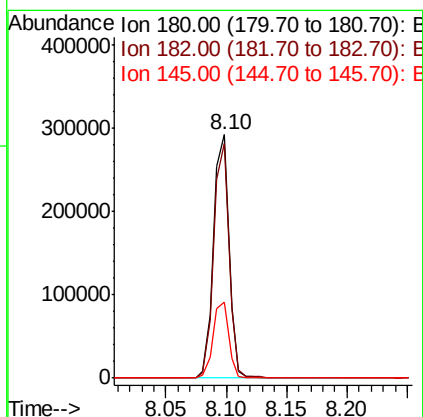
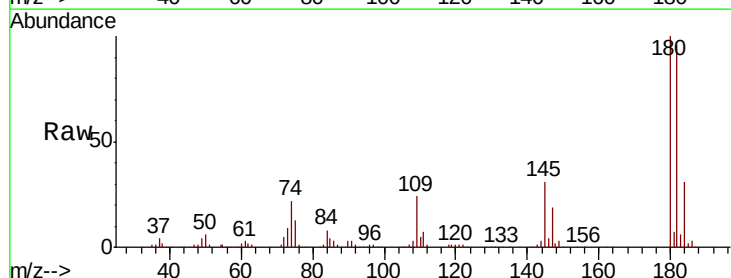
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

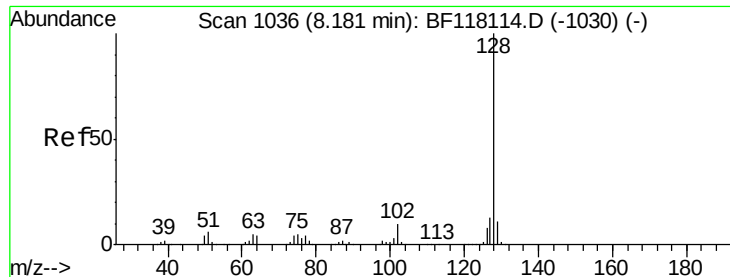
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.2	85.2
98	33.8	15.9	55.9



#30
1,2,4-Trichlorobenzene
Concen: 38.747 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.1	114.1
145	31.0	26.1	39.1

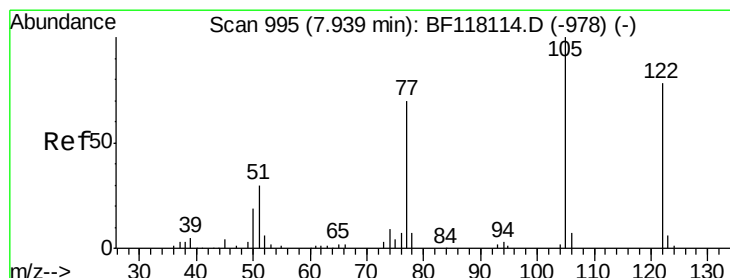
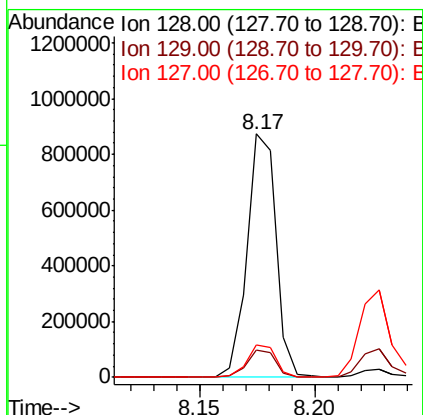
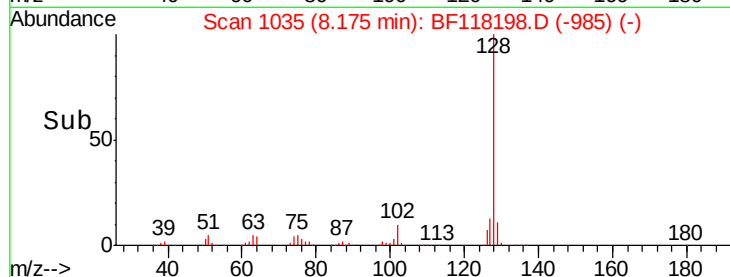
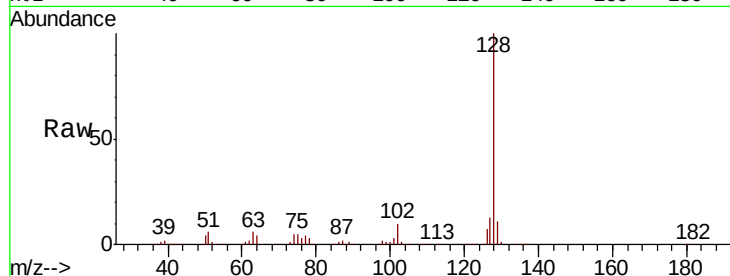




#31
Naphthalene
Concen: 38.950 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

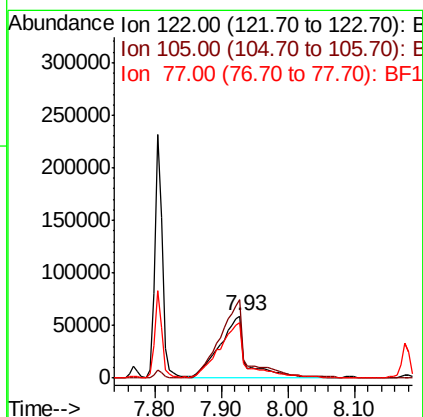
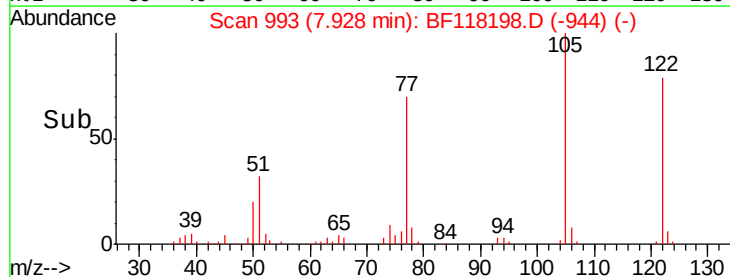
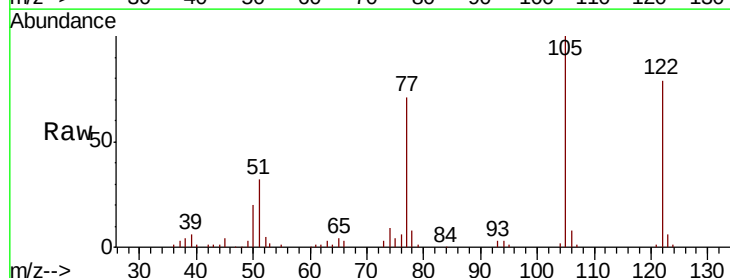
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

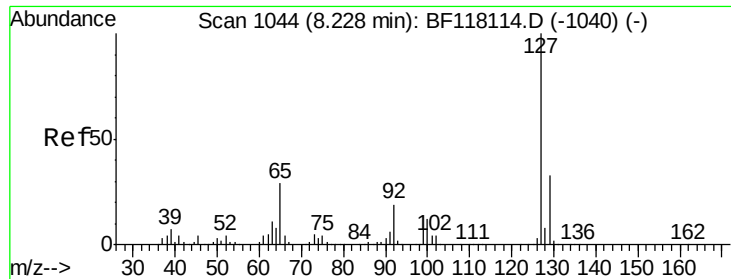
Tot Ion:128 Resp: 771595
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 37.431 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:122 Resp: 165985
Ion Ratio Lower Upper
122 100
105 126.1 104.7 144.7
77 89.7 69.1 109.1

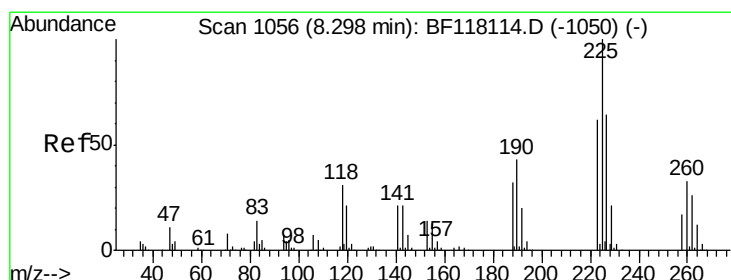
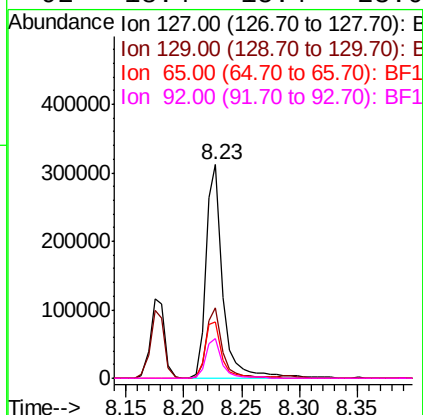
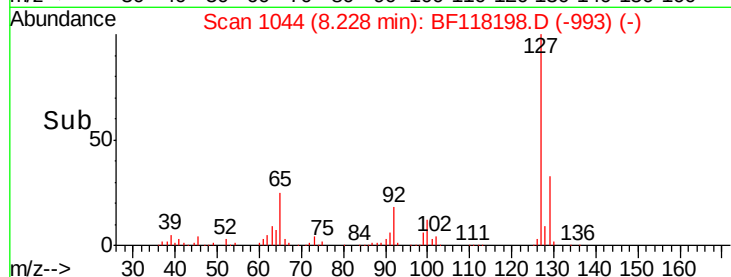
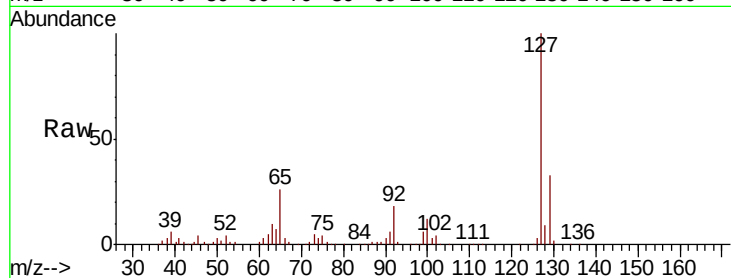




#33
4-Chloroaniline
Concen: 36.523 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

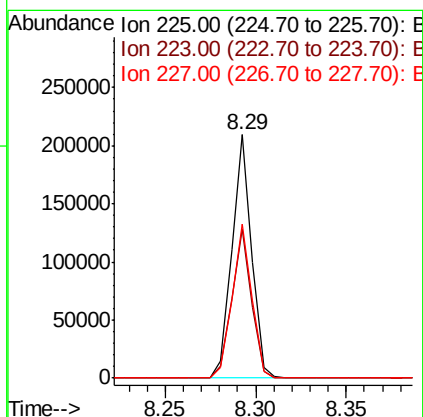
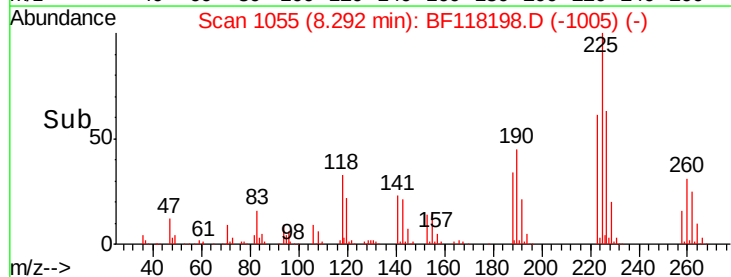
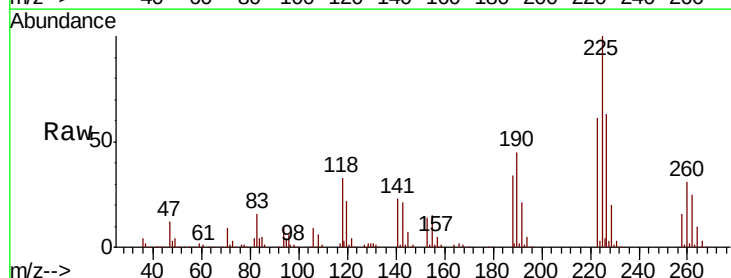
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

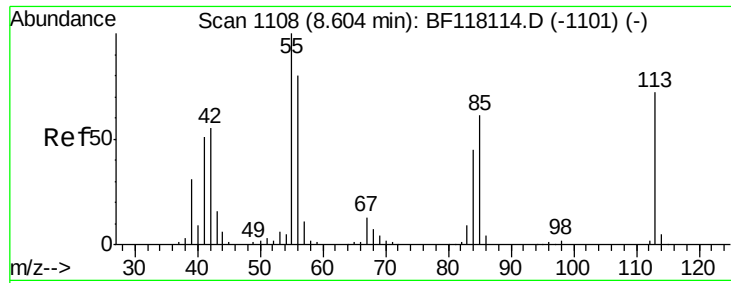
Tot Ion:	127	Resp:	312403
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	26.2	23.2	34.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.384 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:	225	Resp:	158018
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.6	74.4
227	63.5	51.0	76.6

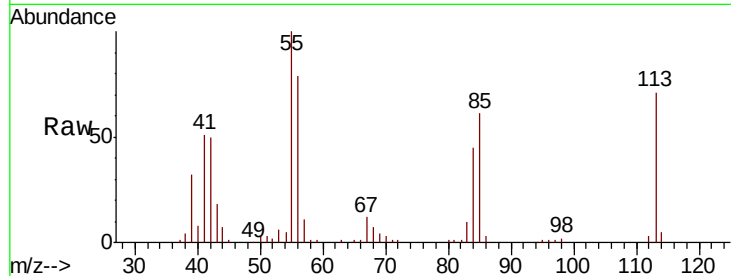




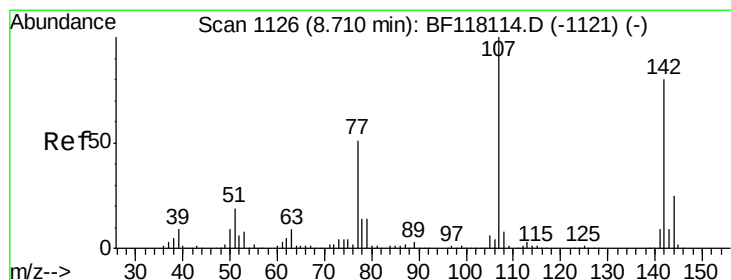
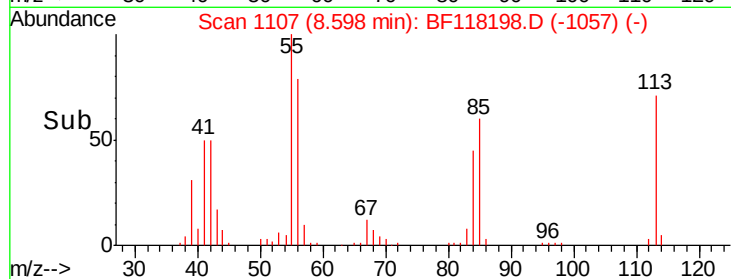
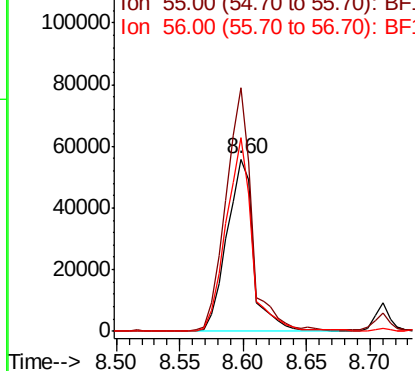
#35
 Caprolactam
 Concen: 45.653 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 80607
 Ion Ratio Lower Upper
 113 100
 55 141.1 118.9 158.9
 56 112.0 91.4 131.4

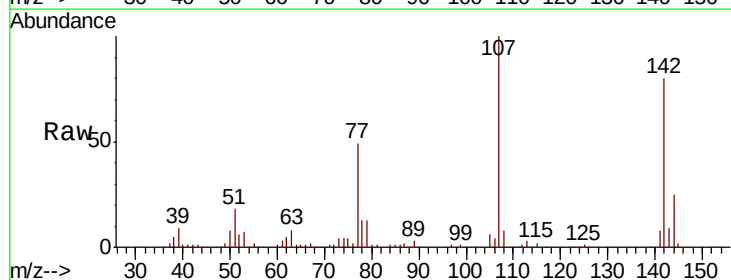


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

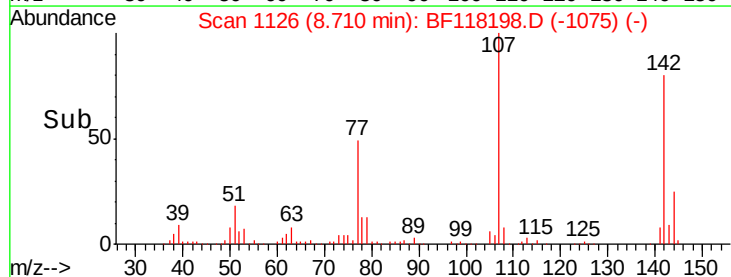
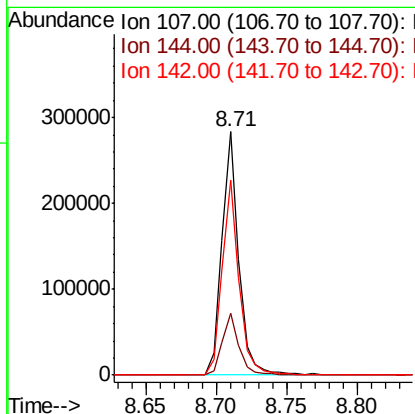


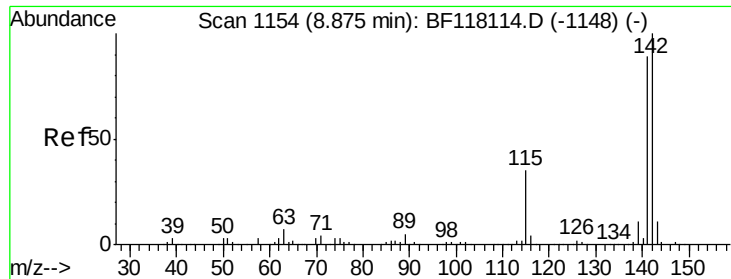
#36
 4-Chloro-3-methylphenol
 Concen: 39.211 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Tgt Ion:107 Resp: 236250
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.3 30.5
 142 80.1 63.7 95.5



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

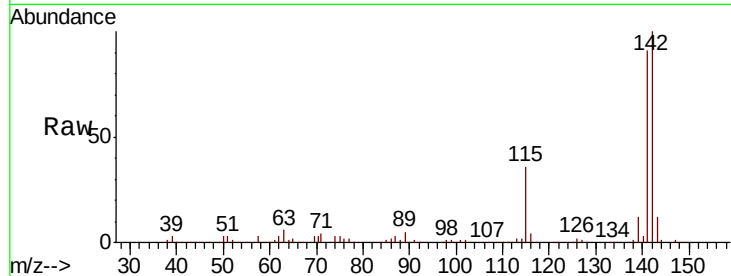




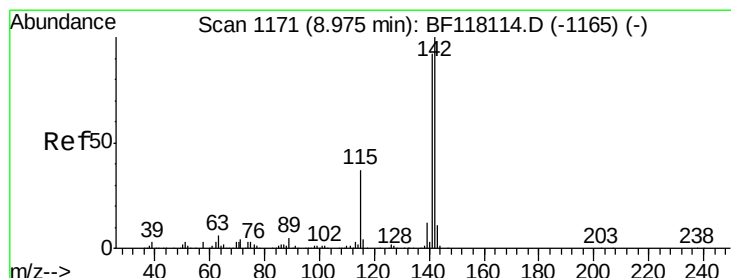
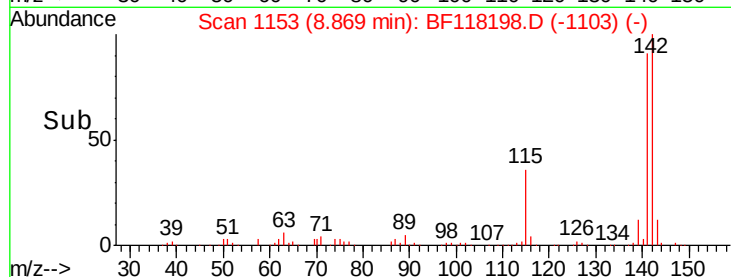
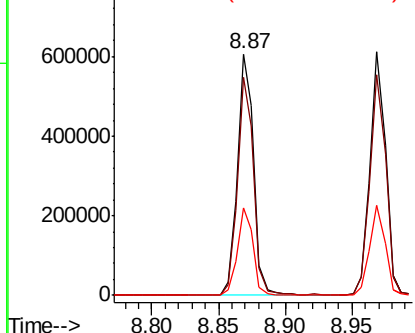
#37
2-Methylnaphthalene
Concen: 38.702 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 519043
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.0
115 36.4 28.2 42.4

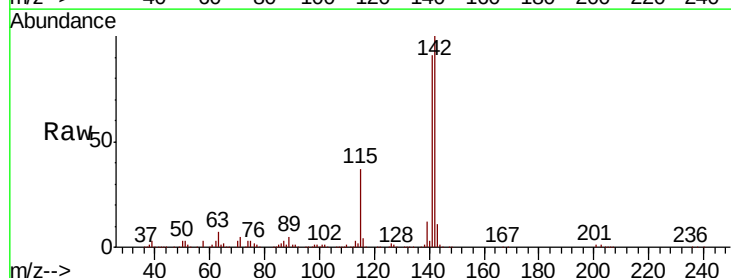


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

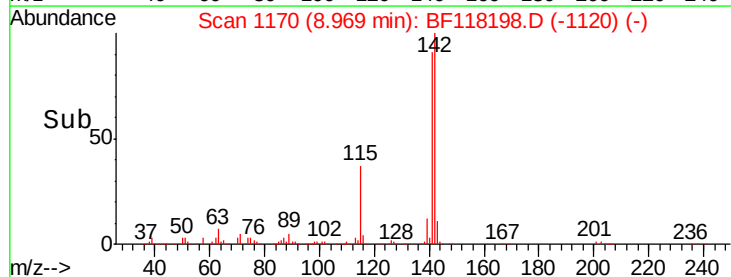
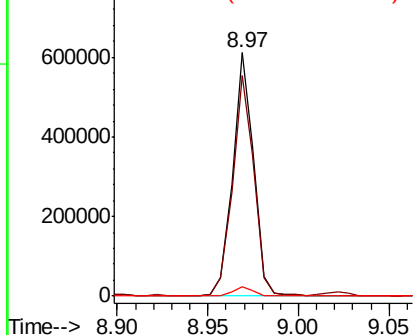


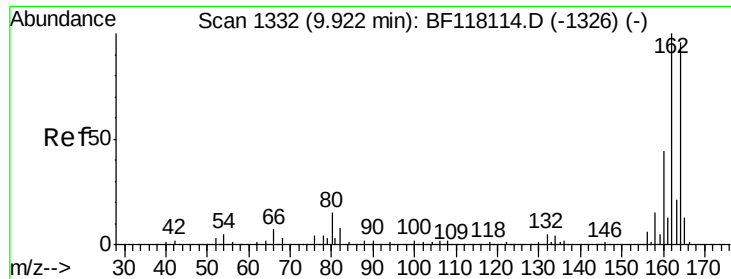
#38
1-Methylnaphthalene
Concen: 38.552 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:142 Resp: 485475
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0
116 3.8 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

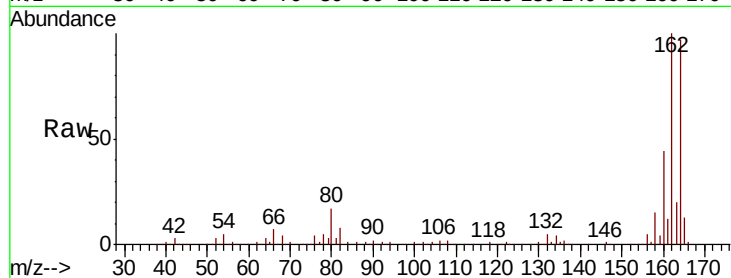




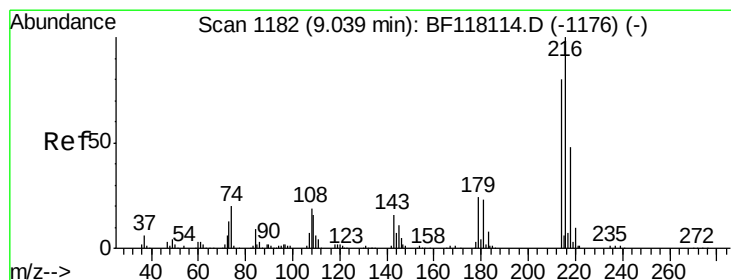
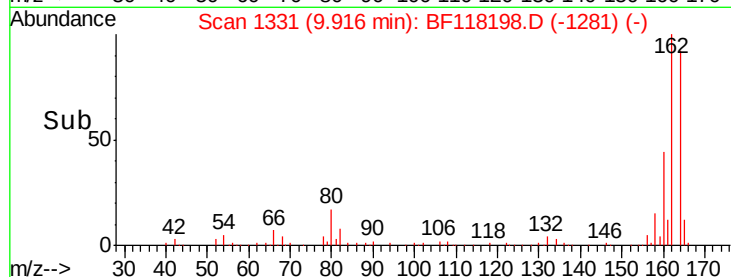
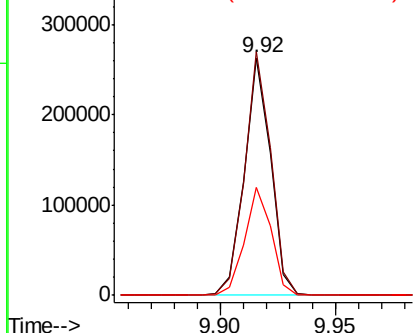
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:164 Resp: 209248
Ion Ratio Lower Upper
164 100
162 102.6 83.4 125.0
160 45.5 36.6 54.8

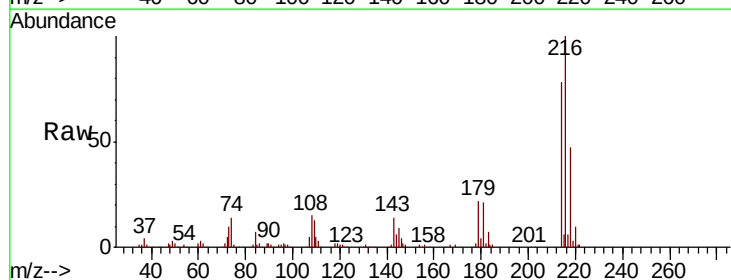


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

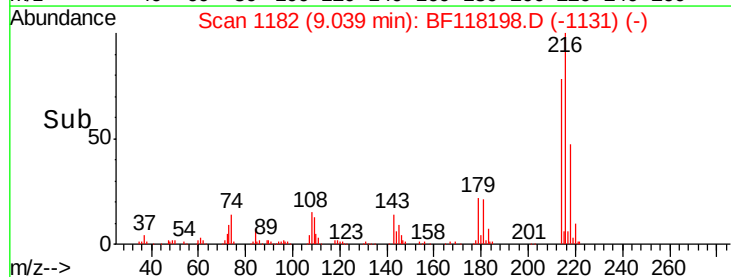
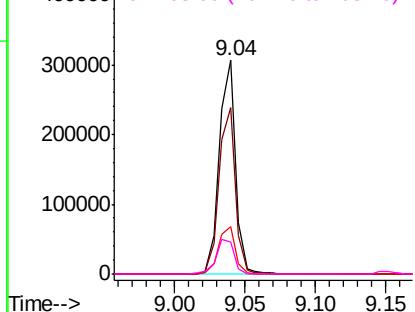


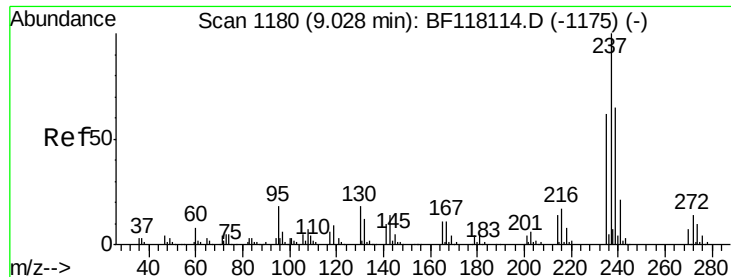
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.557 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:216 Resp: 244408
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 23.0 18.6 27.8
108 18.3 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 24.362 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

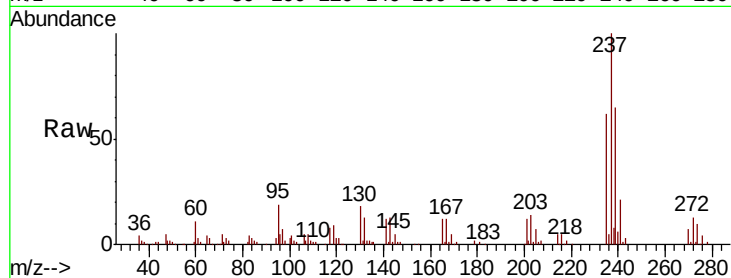
Tot Ion:237 Resp: 69191

Ion Ratio Lower Upper

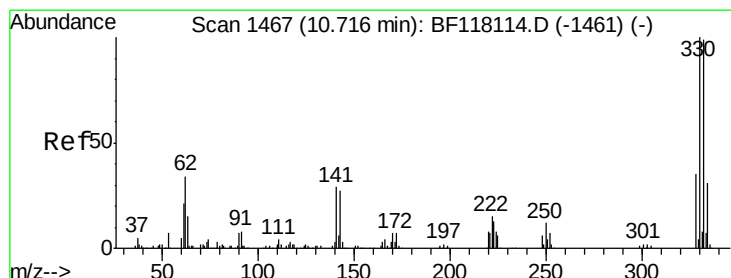
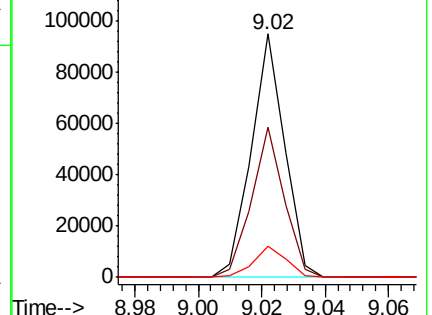
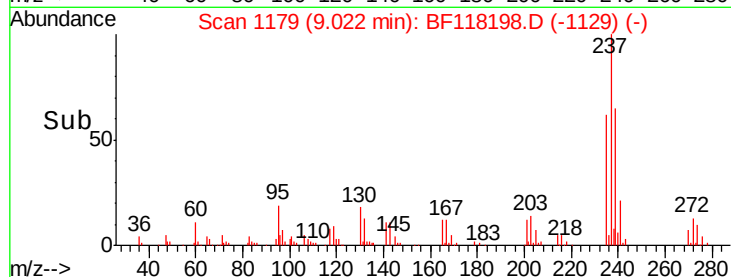
237 100

235 61.7 41.5 81.5

272 12.6 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 88.720 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

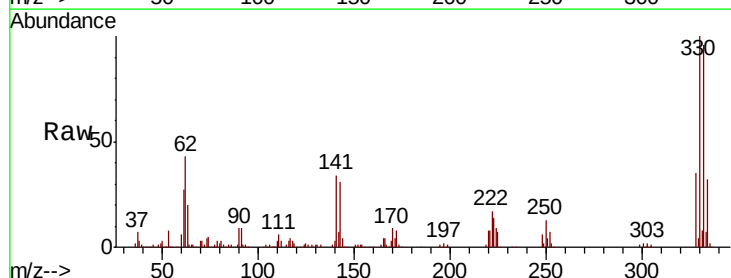
Tgt Ion:330 Resp: 225524

Ion Ratio Lower Upper

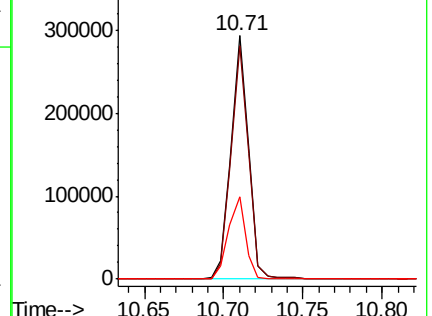
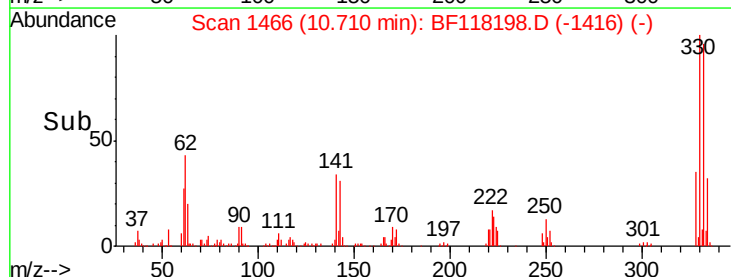
330 100

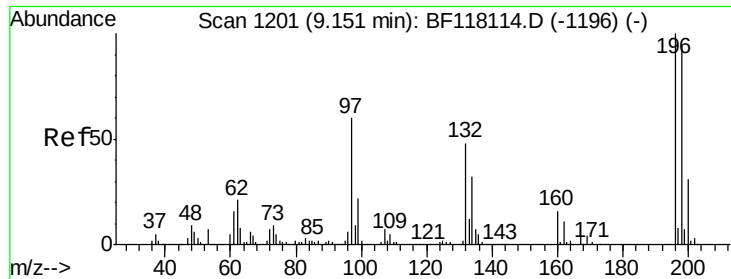
332 96.5 78.1 117.1

141 33.7 26.9 40.3



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

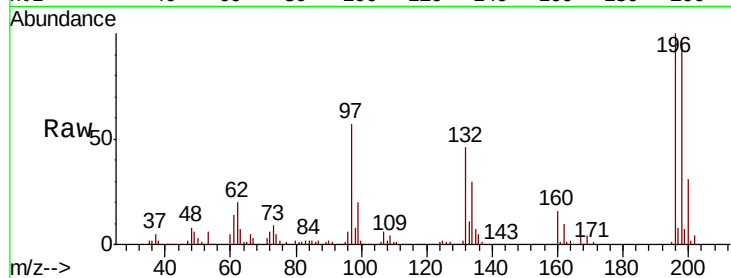




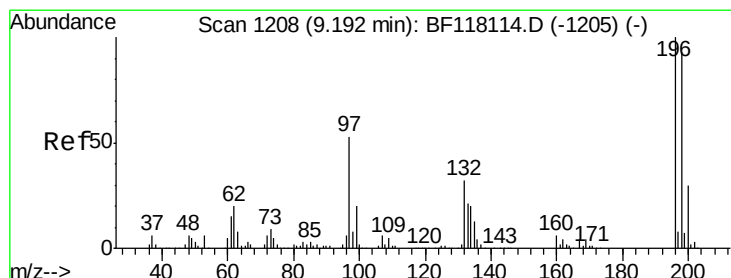
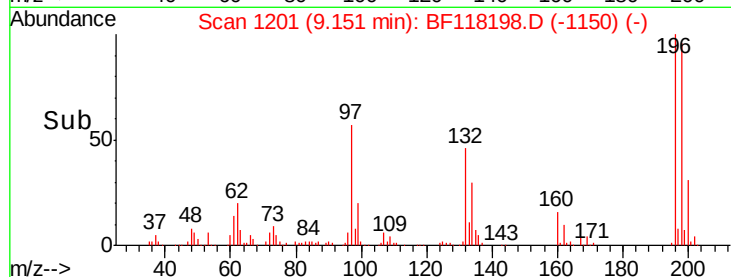
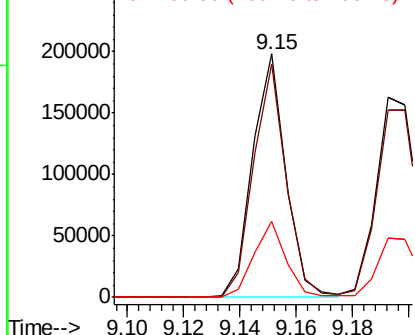
#43
 2,4,6-Trichlorophenol
 Concen: 38.294 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196	Resp:	162073
Ion	Ratio	Lower Upper
196	100	
198	95.8	75.0 112.4
200	31.4	24.5 36.7

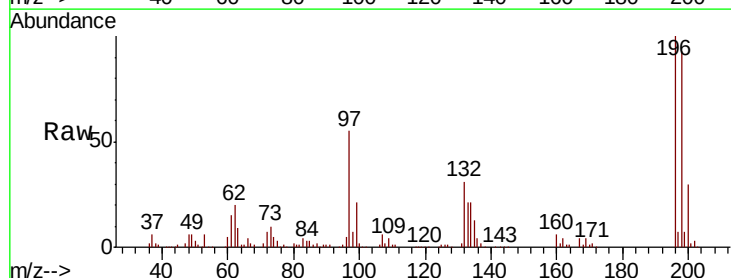


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

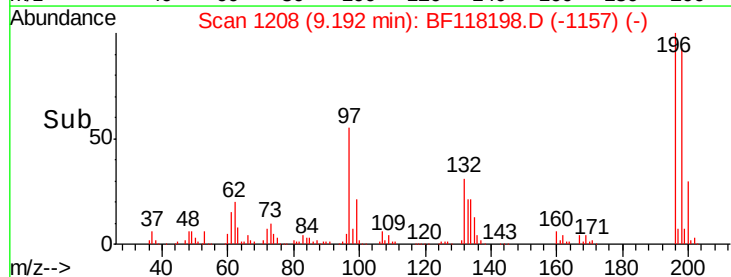
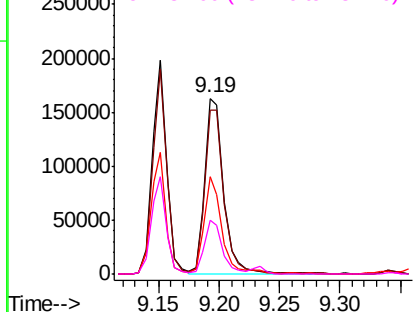


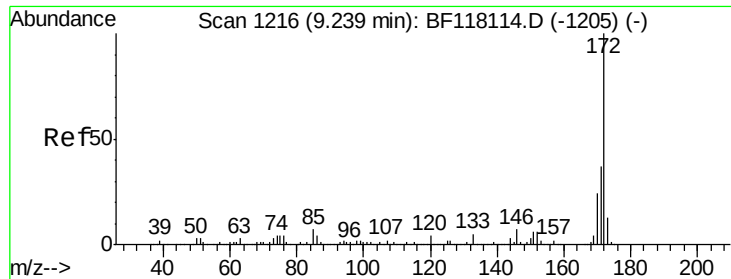
#44
 2,4,5-Trichlorophenol
 Concen: 39.990 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Tgt Ion:196	Resp:	175352
Ion	Ratio	Lower Upper
196	100	
198	93.3	74.2 111.4
97	55.2	42.5 63.7
132	30.6	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

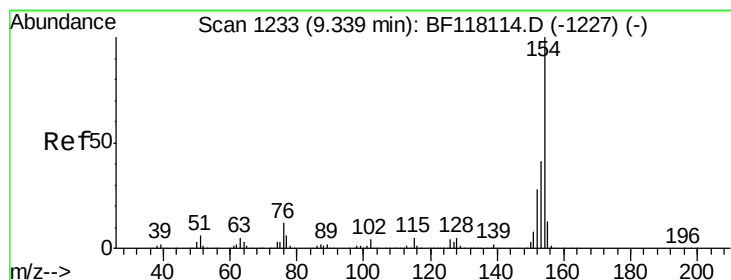
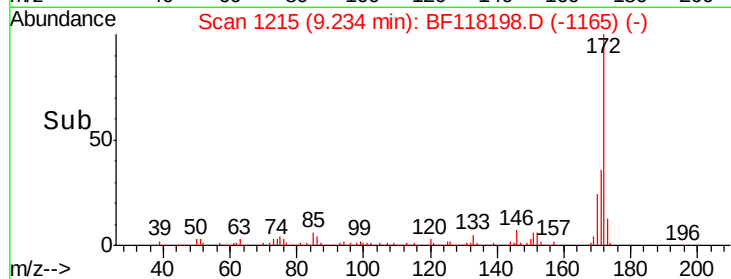
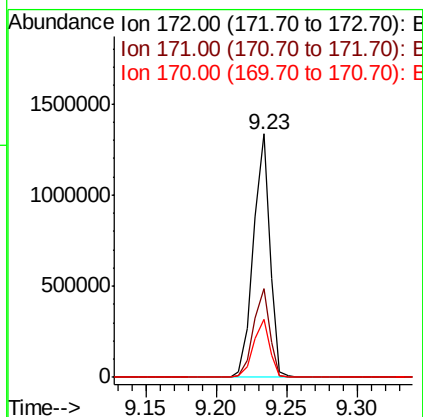
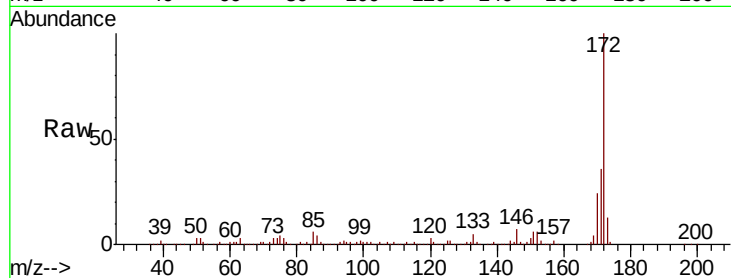




#45
2-Fluorobiphenyl
Concen: 79.589 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

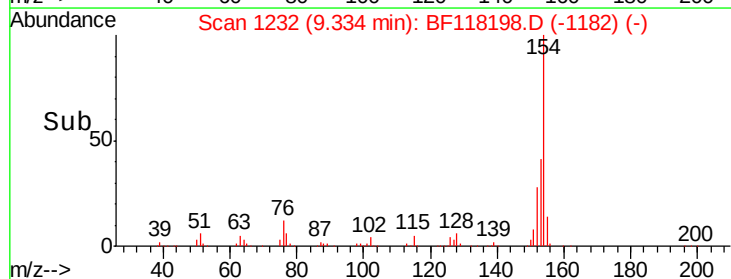
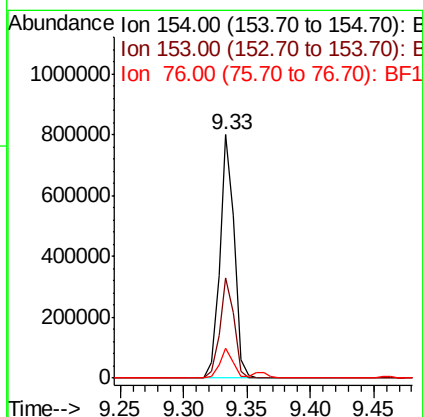
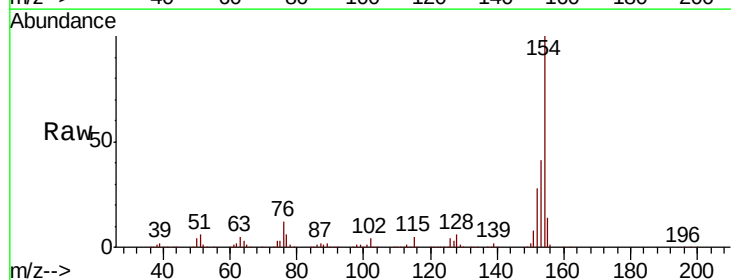
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

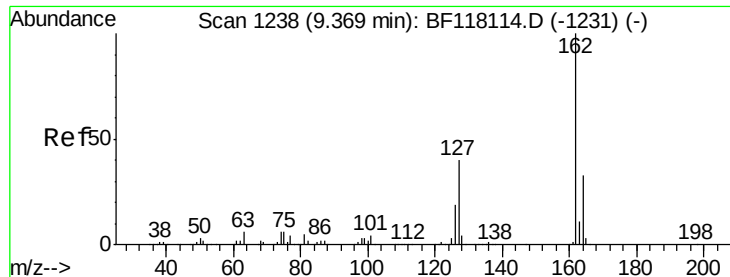
Tot Ion:172 Resp: 1094469
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 38.631 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:154 Resp: 637529
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 12.1 0.0 31.9

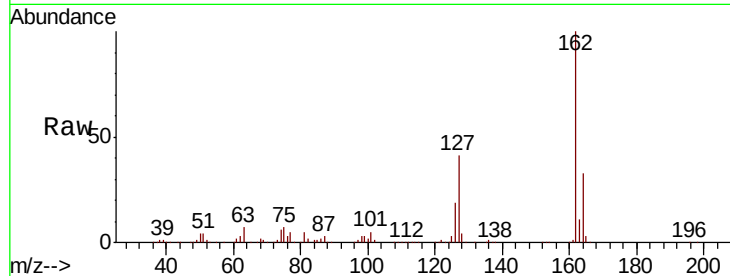




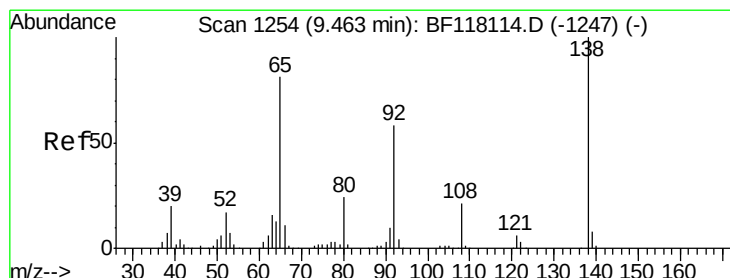
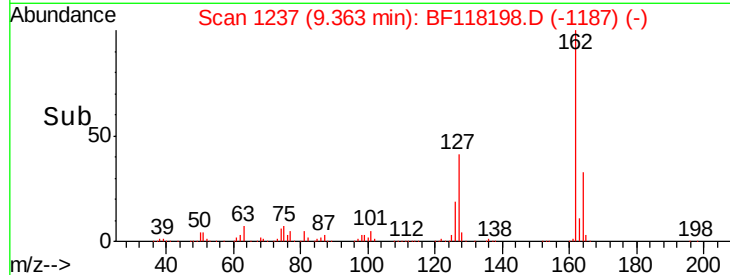
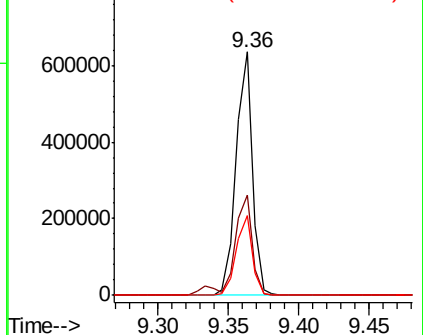
#47
 2-Chloronaphthalene
 Concen: 38.572 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.0	48.0
164	33.0	26.1	39.1

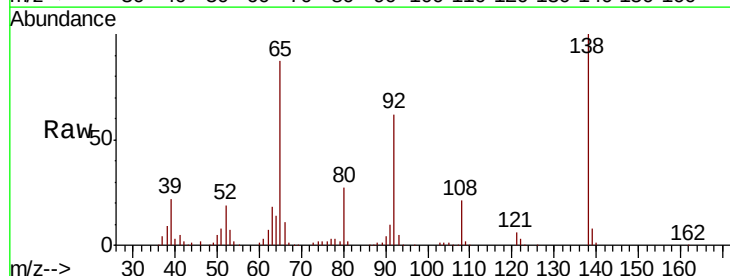


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

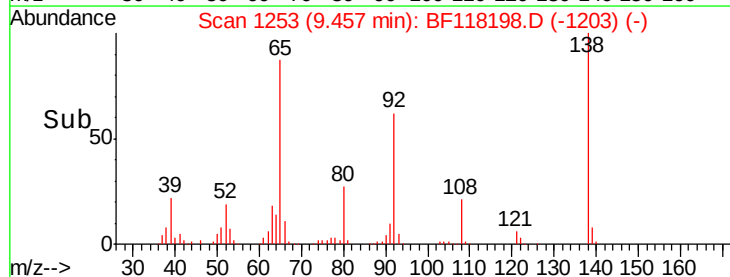
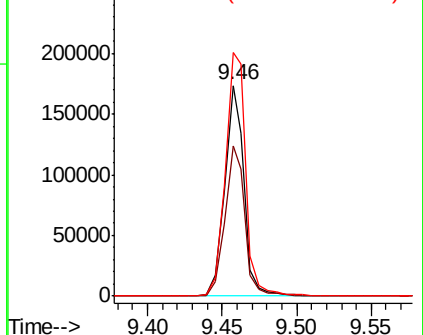


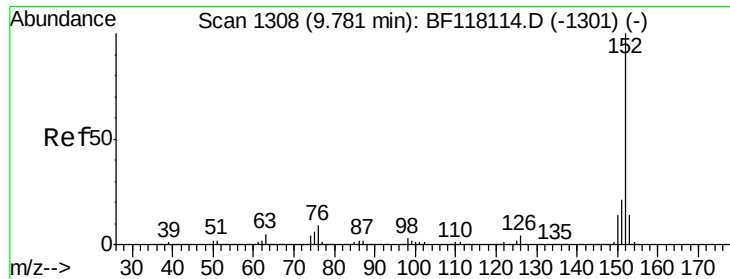
#48
 2-Nitroaniline
 Concen: 42.115 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.8	86.6
138	115.5	98.8	148.2



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





#49

Acenaphthylene

Concen: 39.148 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

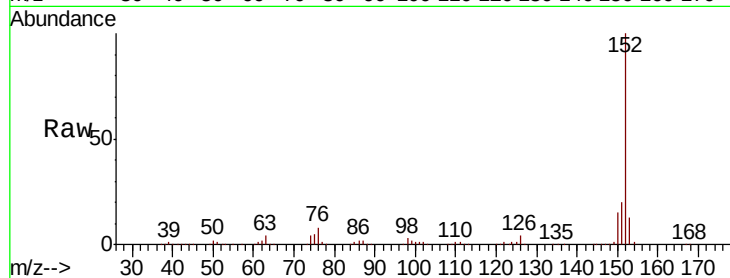
Tot Ion:152 Resp: 766525

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

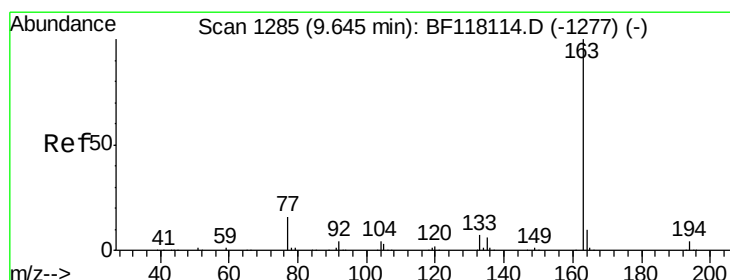
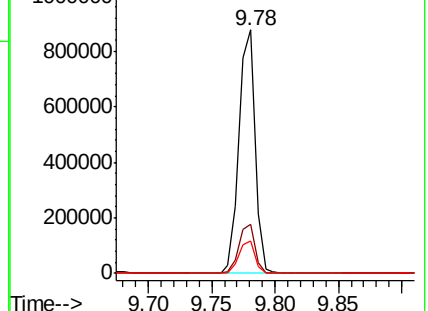
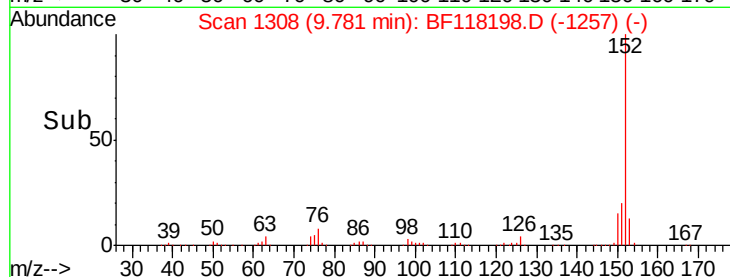
153 13.1 10.8 16.2



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: 44.886 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

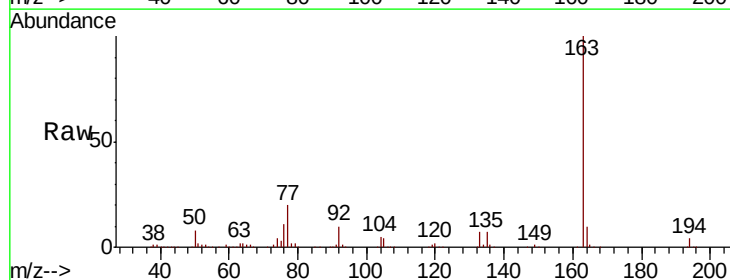
Tgt Ion:163 Resp: 693754

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

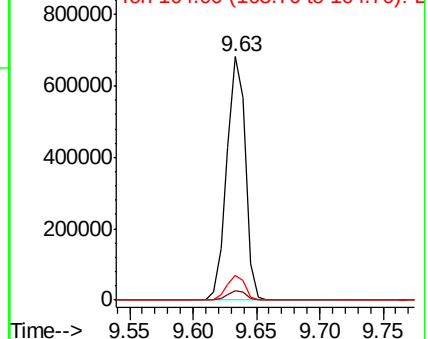
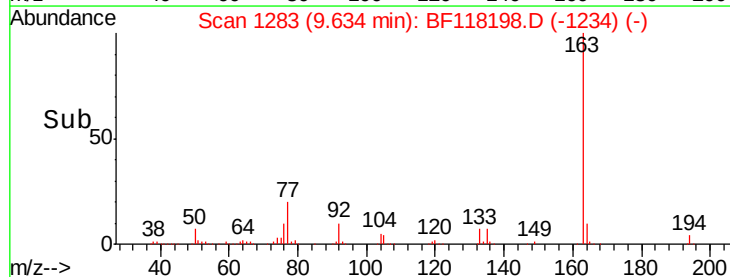
164 10.4 7.7 11.5

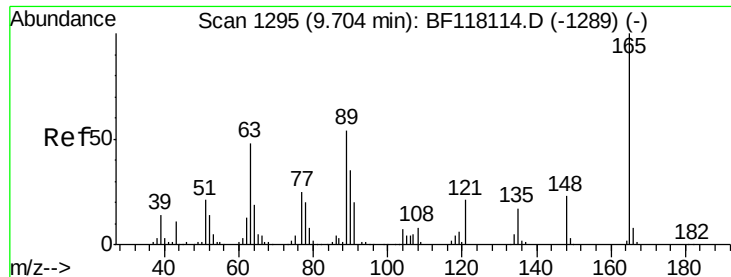


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

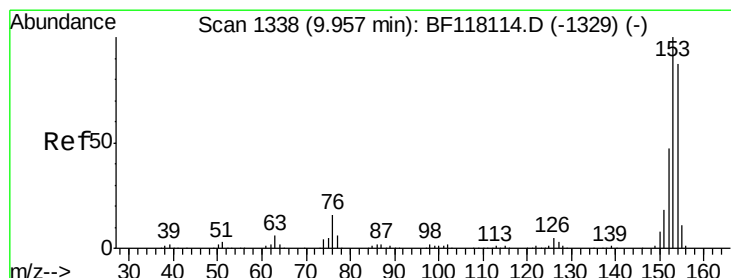
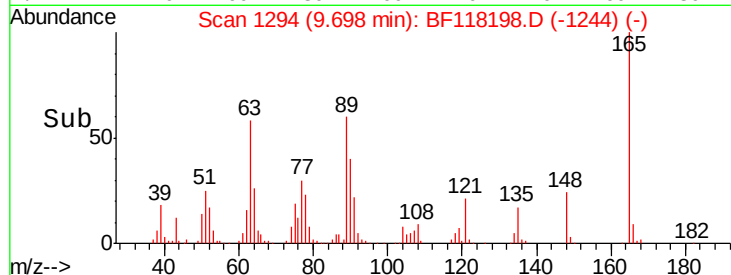
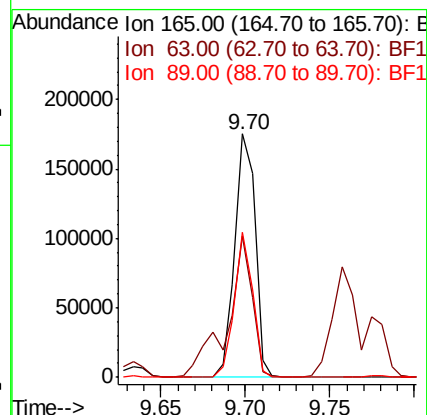
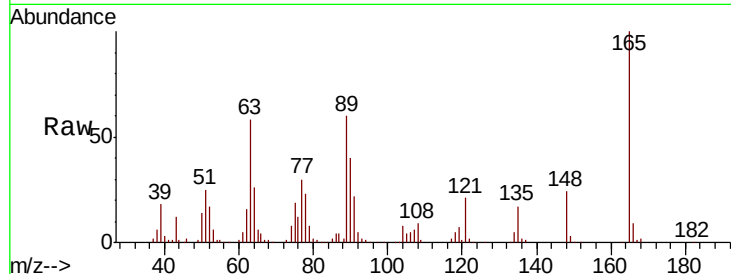




#51
2,6-Dinitrotoluene
Concen: 43.530 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

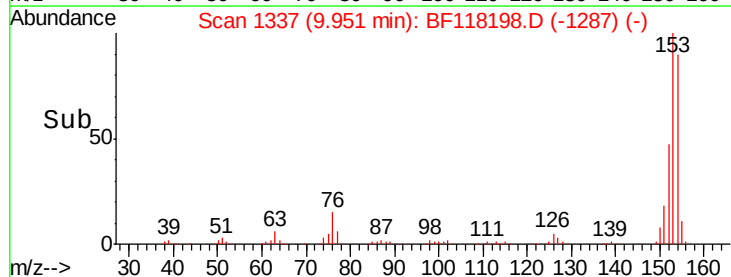
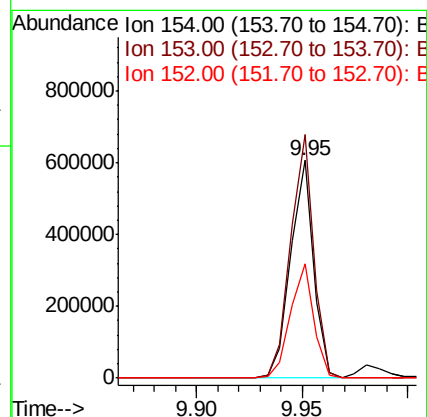
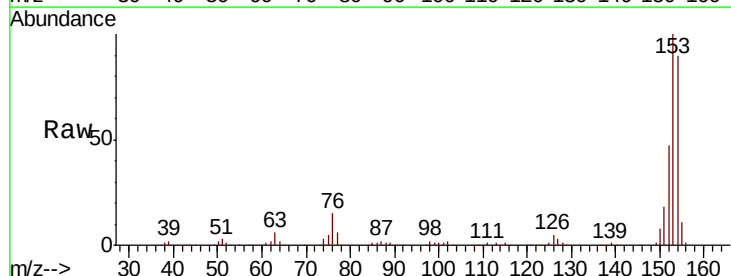
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

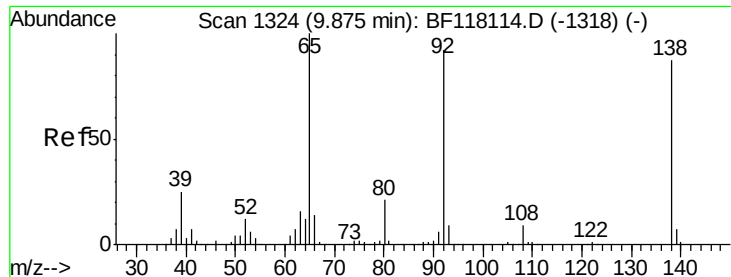
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	41.4	62.0
89	59.5	42.9	64.3



#52
Acenaphthene
Concen: 38.704 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.8	137.6
152	52.3	43.3	64.9

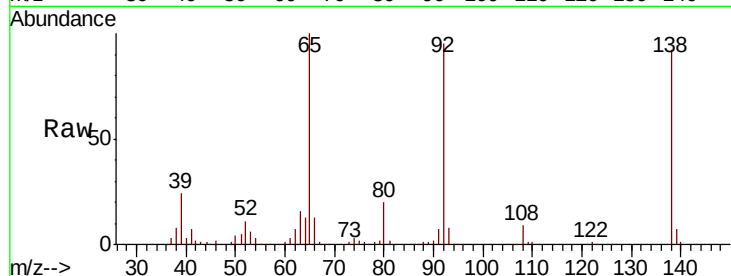




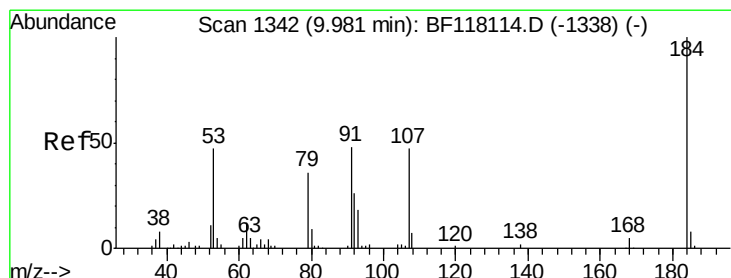
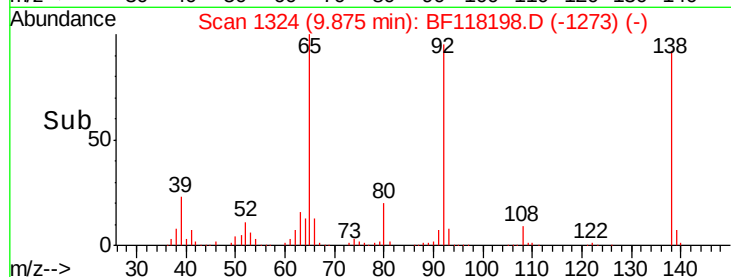
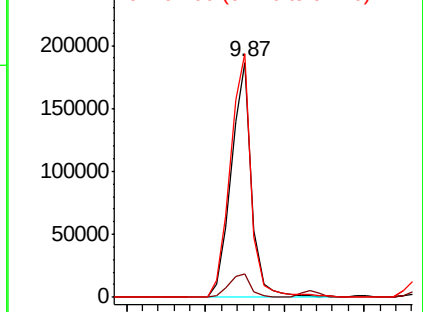
#53
3-Nitroaniline
Concen: 42.040 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 166275
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 103.7 84.9 127.3

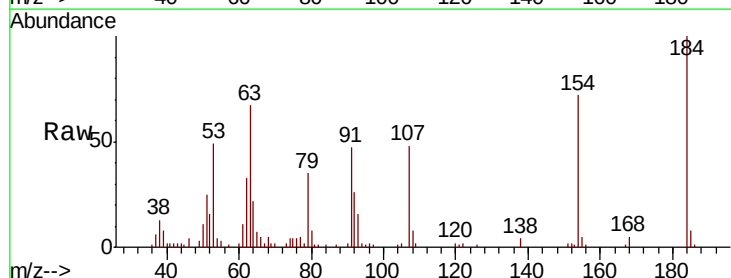


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

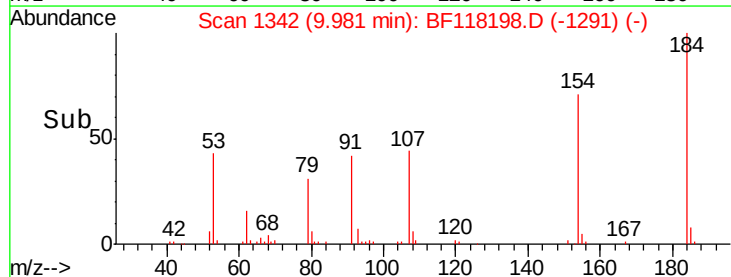
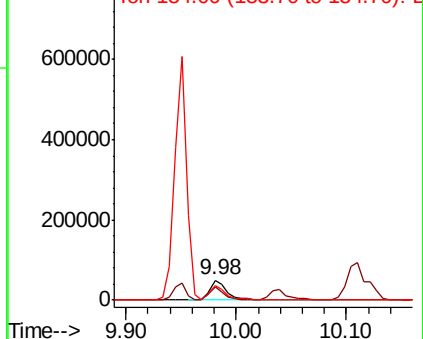


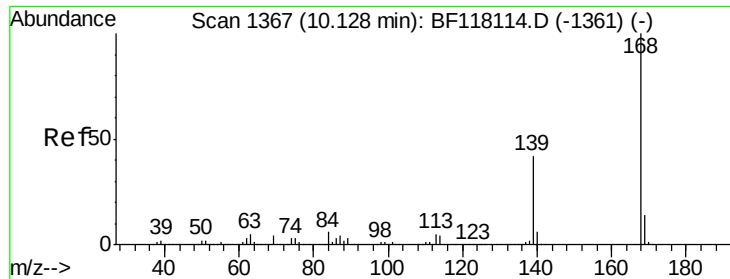
#54
2,4-Dinitrophenol
Concen: 31.527 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:184 Resp: 52714
Ion Ratio Lower Upper
184 100
63 67.1 53.9 80.9
154 71.8 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

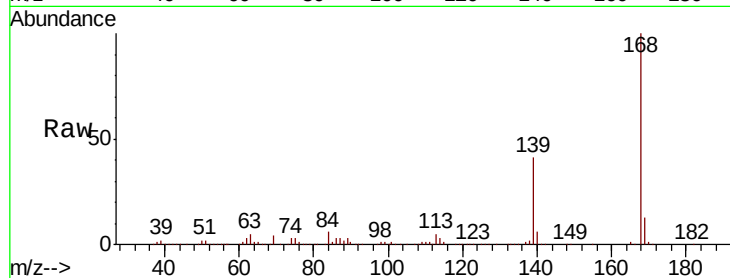




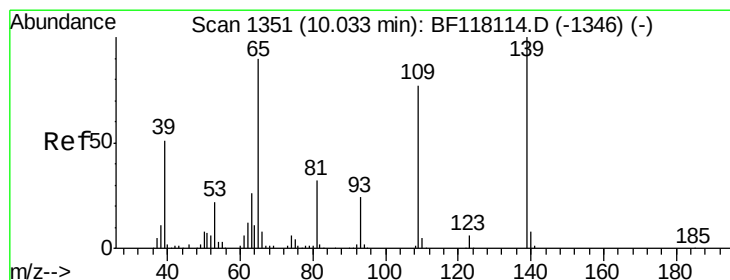
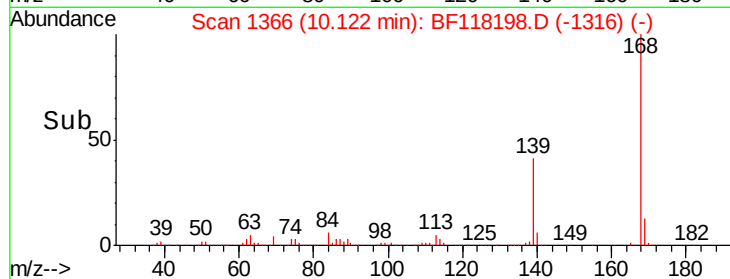
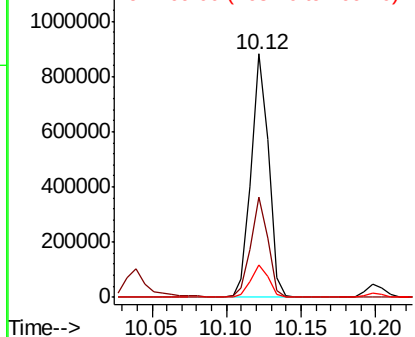
#55
Dibenzenofuran
Concen: 40.521 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 709586
Ion Ratio Lower Upper
168 100
139 40.9 33.4 50.0
169 13.1 11.0 16.6

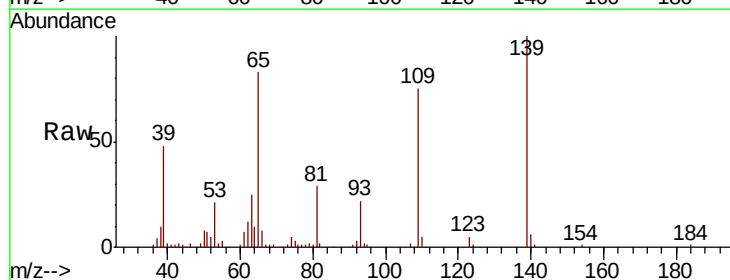


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

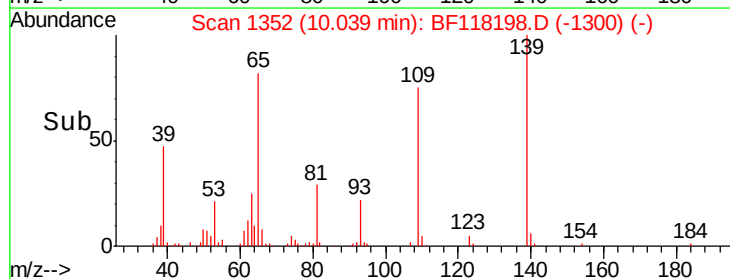
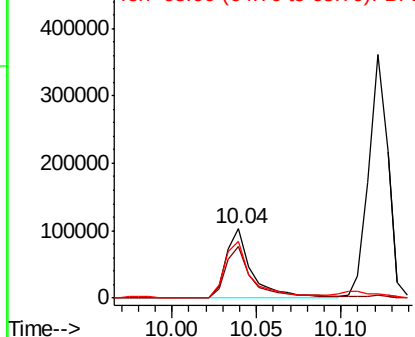


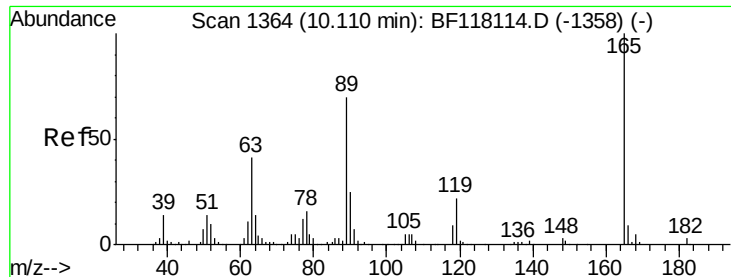
#56
4-Nitrophenol
Concen: 40.638 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:139 Resp: 111545
Ion Ratio Lower Upper
139 100
109 74.9 57.3 97.3
65 82.5 70.2 110.2



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

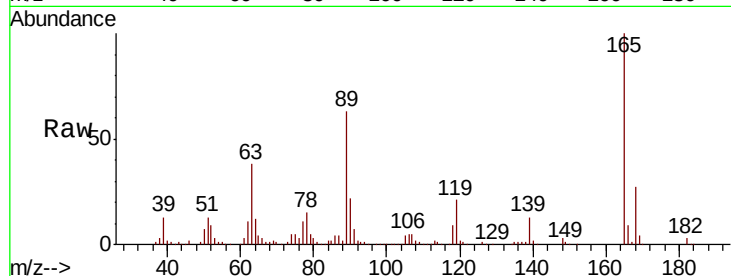




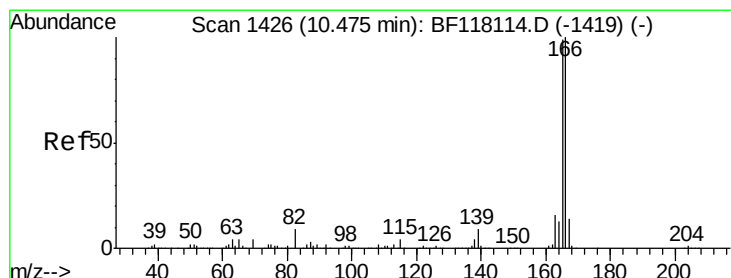
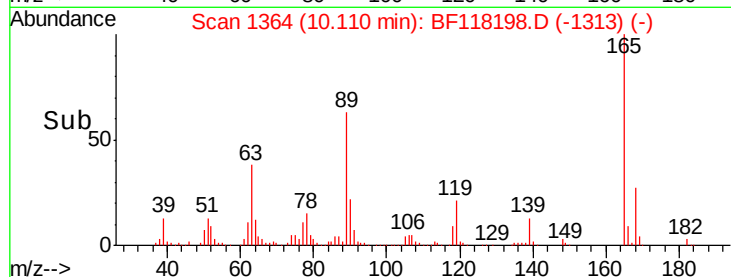
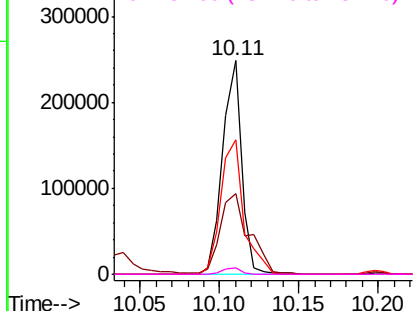
#57
2,4-Dinitrotoluene
Concen: 46.446 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165	Resp:	208347
Ion Ratio	Lower	Upper
165	100	
63	38.0	32.6 49.0
89	63.0	56.1 84.1
182	3.0	2.1 3.1

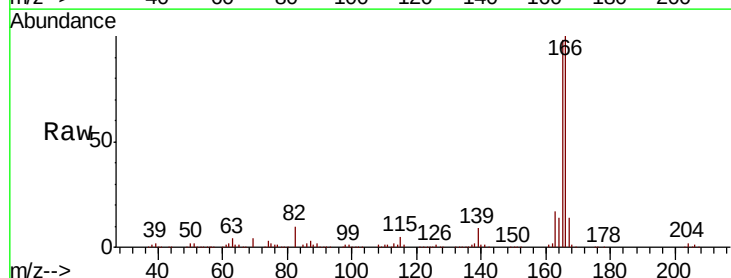


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

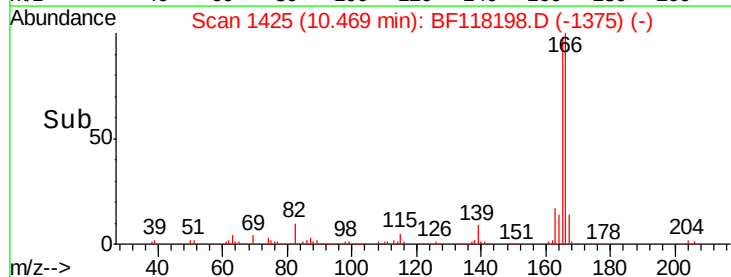
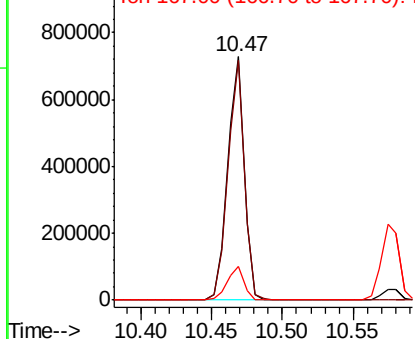


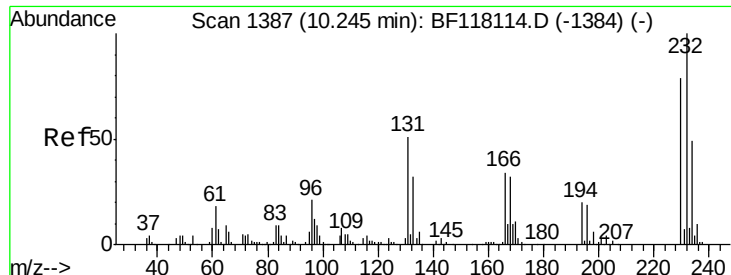
#58
Fluorene
Concen: 42.696 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:166	Resp:	594180
Ion Ratio	Lower	Upper
166	100	
165	98.3	79.0 118.4
167	13.8	10.9 16.3



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

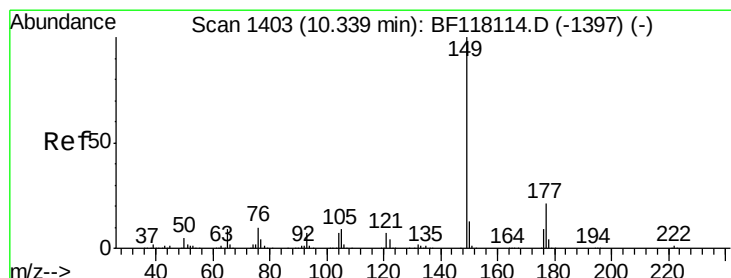
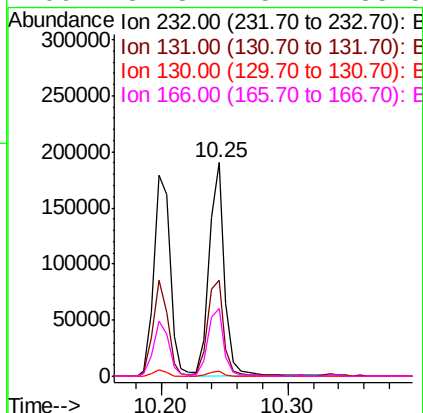
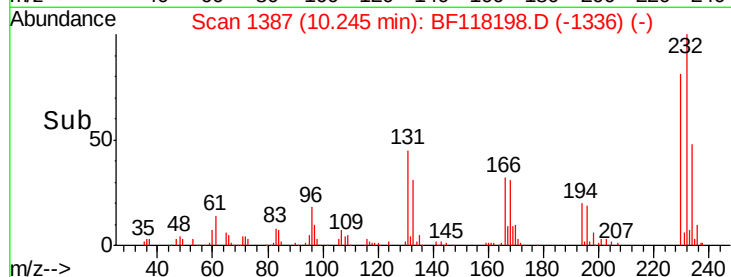
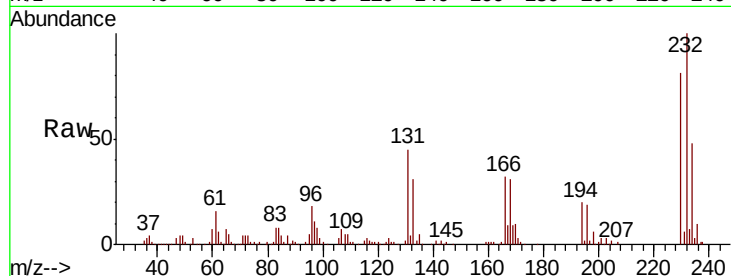




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.664 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

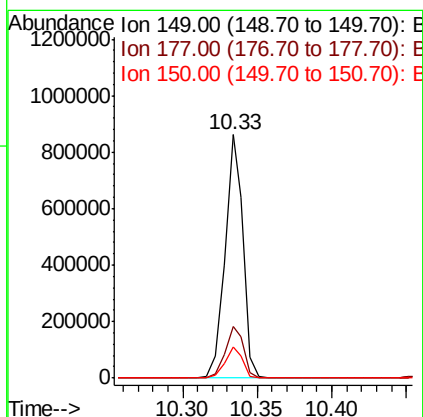
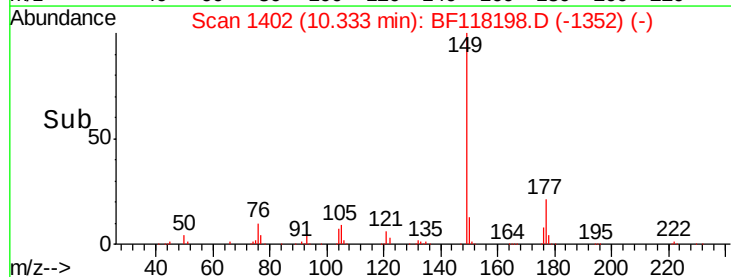
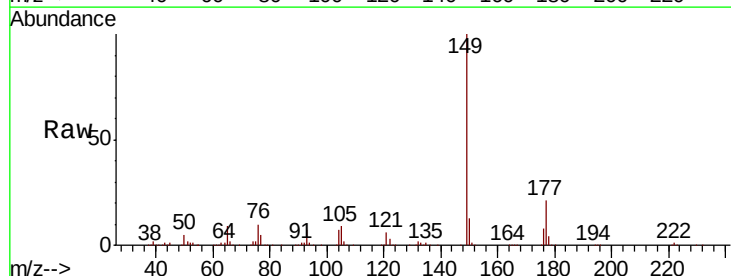
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

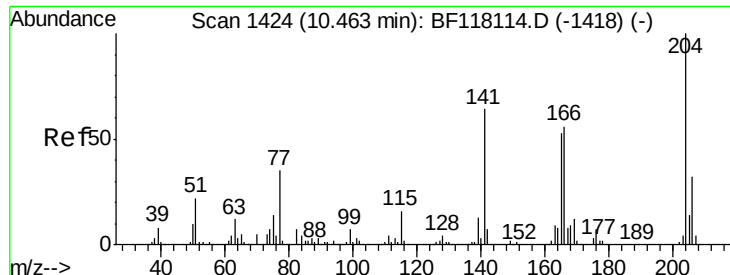
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.8	58.2
130	2.4	1.9	2.9
166	32.8	25.4	38.0



#60
Diethylphthalate
Concen: 47.912 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.4
150	12.6	10.1	15.1

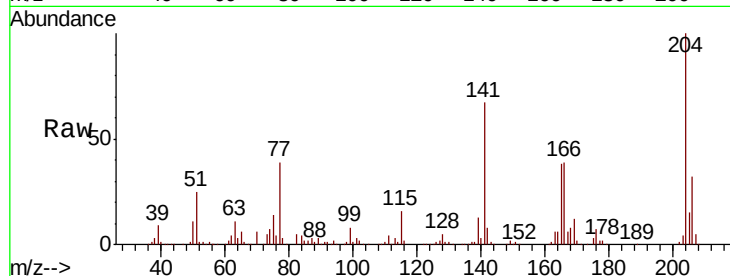




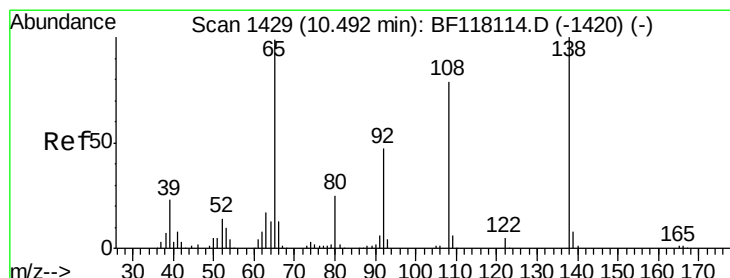
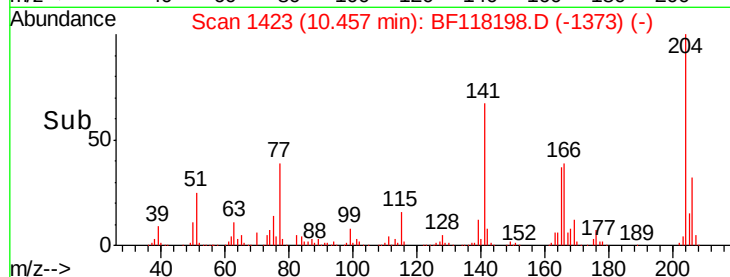
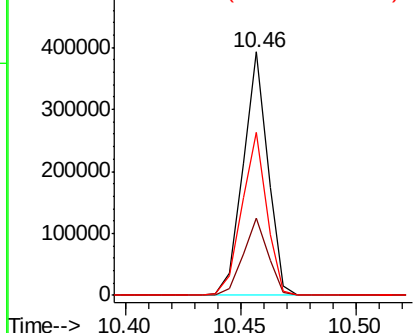
#61
4-Chlorophenyl-phenylether
Concen: 42.143 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 295092
Ion Ratio Lower Upper
204 100
206 31.5 26.0 39.0
141 66.8 51.0 76.6

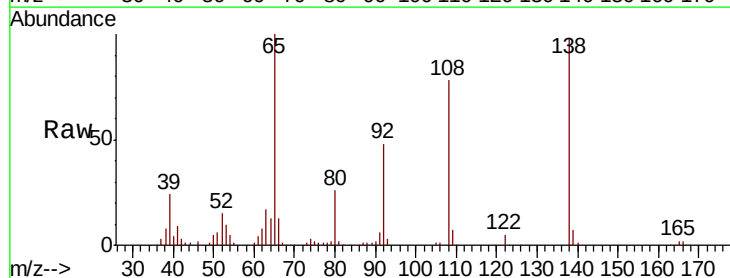


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

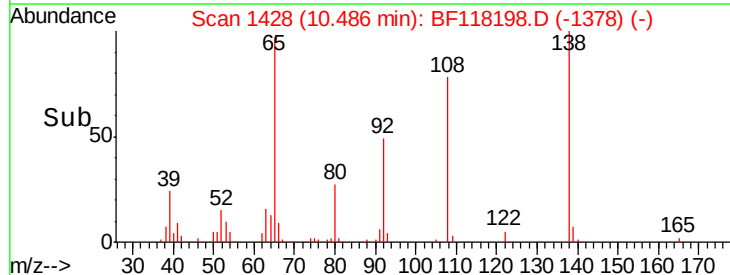
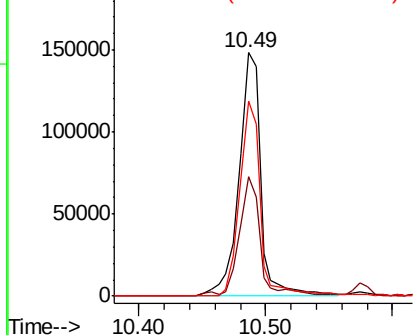


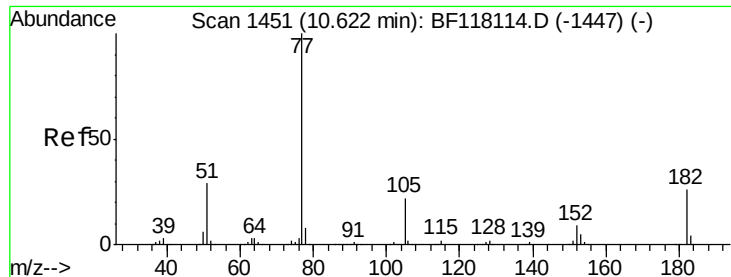
#62
4-Nitroaniline
Concen: 42.656 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:138 Resp: 175959
Ion Ratio Lower Upper
138 100
92 49.1 27.1 67.1
108 80.1 59.0 99.0



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

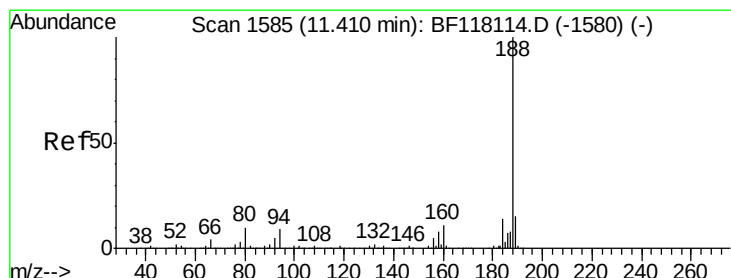
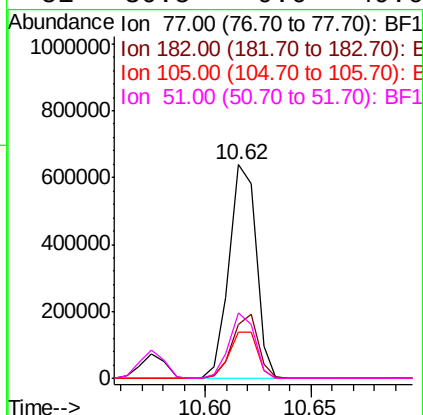
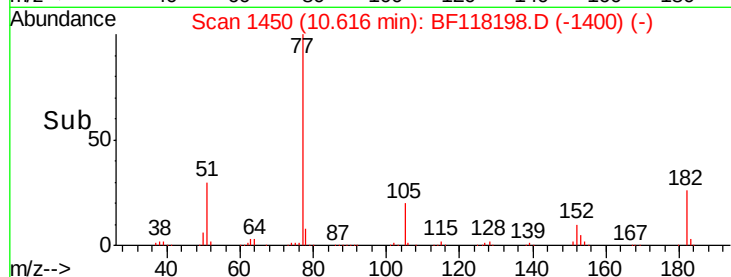
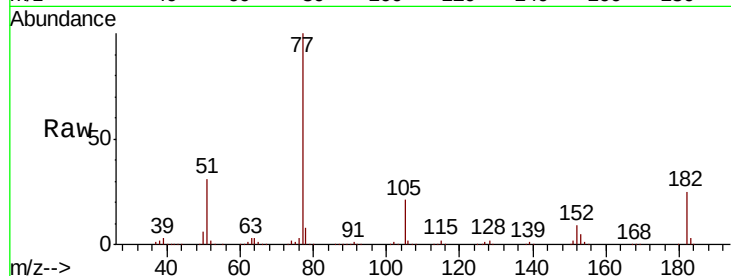




#63
Azobenzene
Concen: 43.271 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

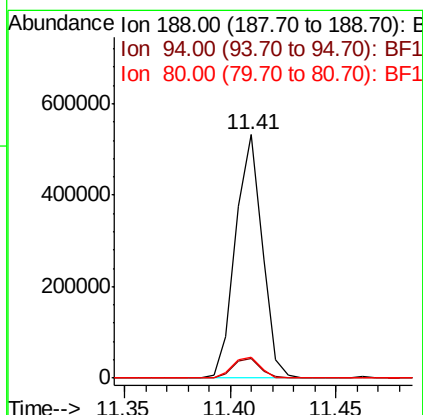
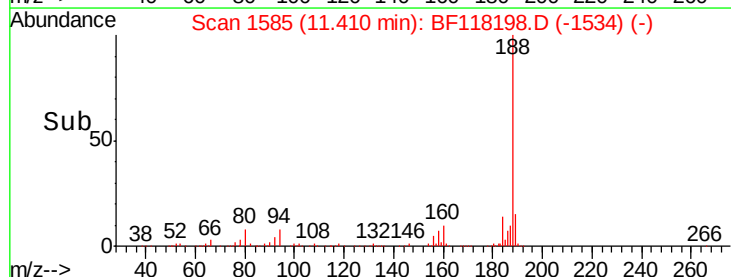
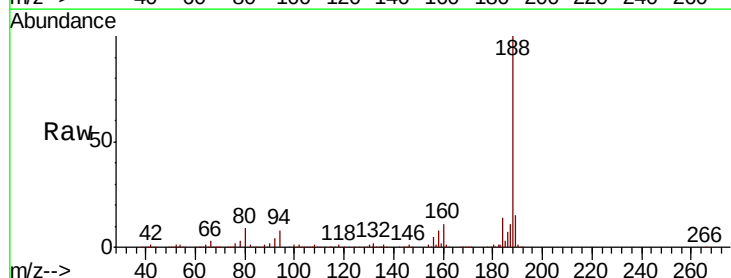
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

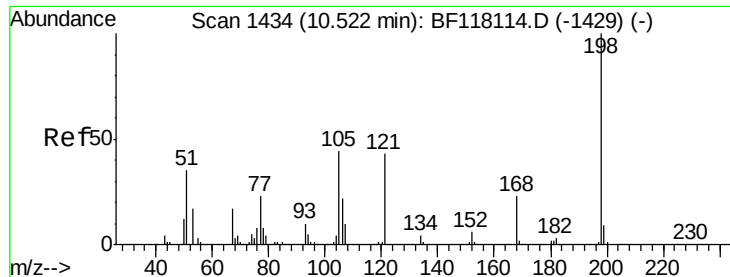
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.7	45.7
105	21.3	2.2	42.2
51	30.5	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.5	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 32.171 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

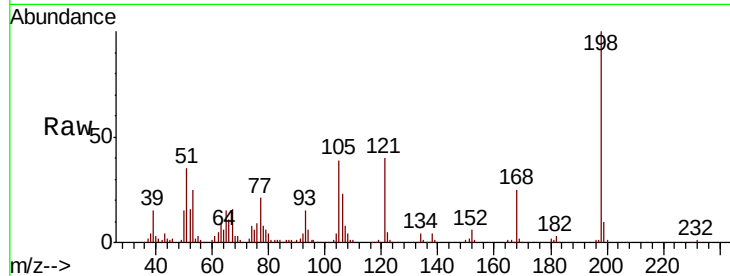
Tot Ion:198 Resp: 82406

Ion Ratio Lower Upper

198 100

51 34.7 22.0 62.0

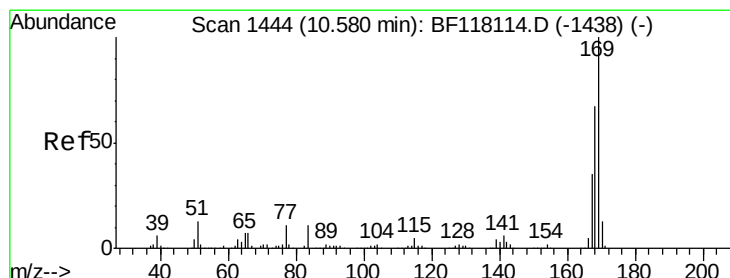
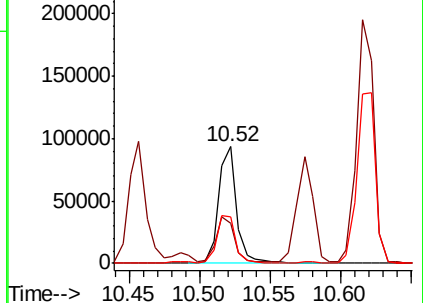
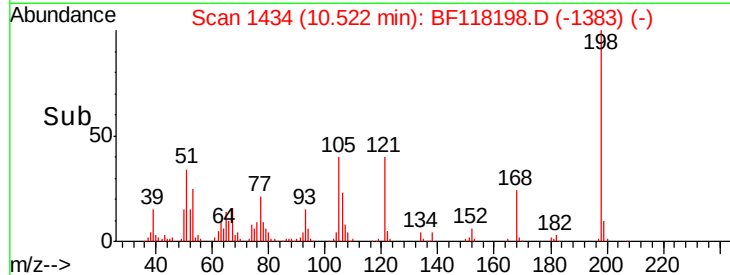
105 39.3 25.6 65.6



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: 38.698 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

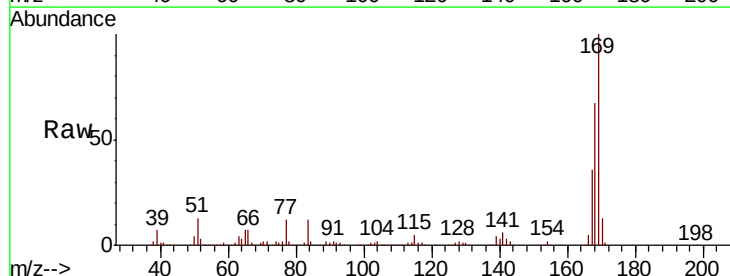
Tgt Ion:169 Resp: 560511

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.2

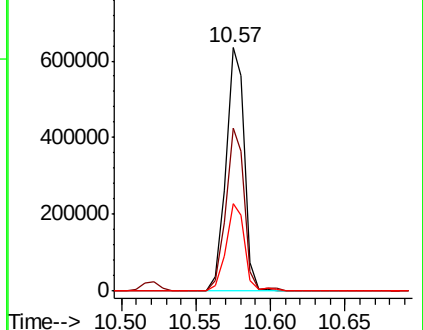
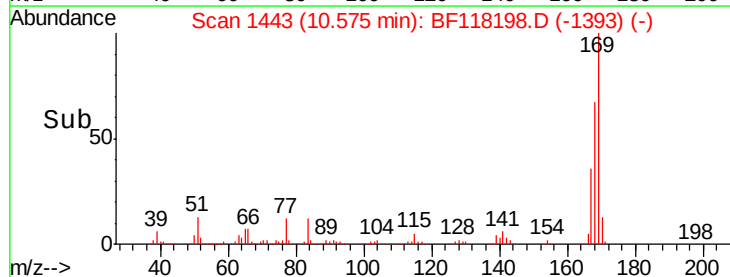
167 36.0 28.4 42.6

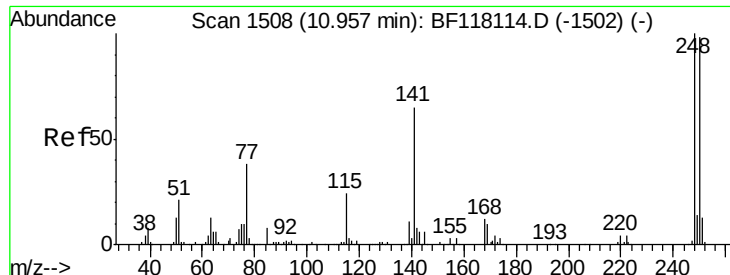


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

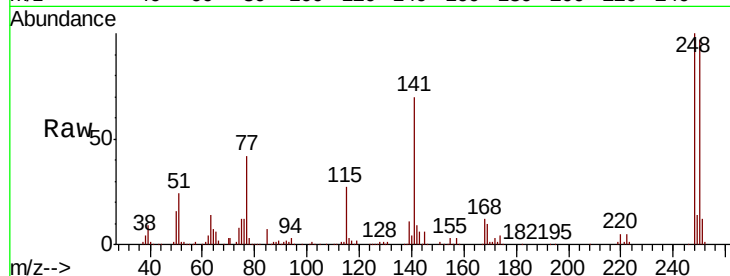




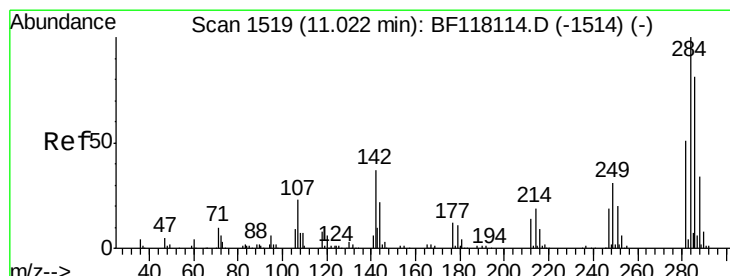
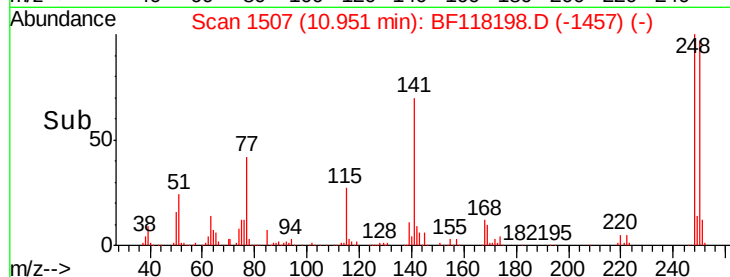
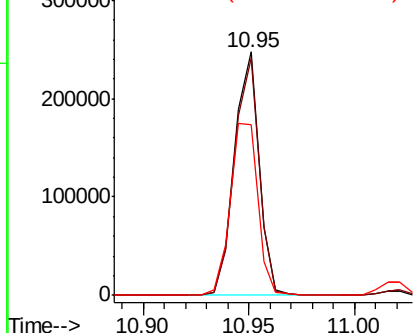
#67
4-Bromophenyl-phenylether
Concen: 37.663 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 199412
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 70.2 52.2 78.4

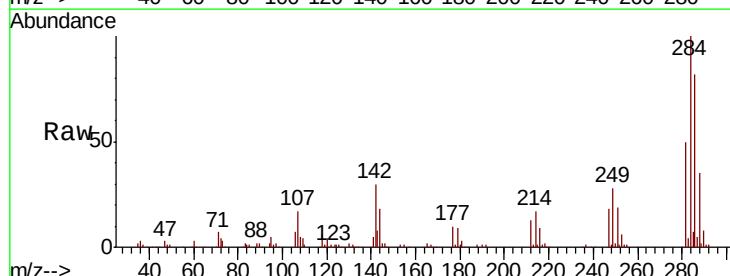


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

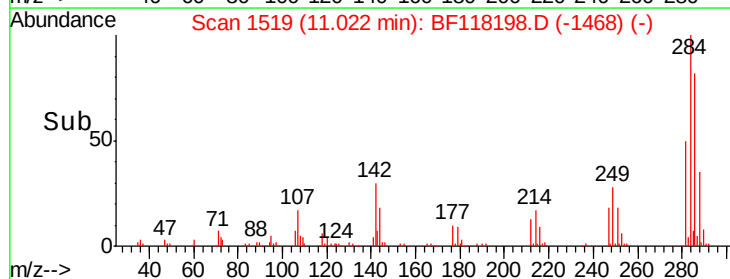
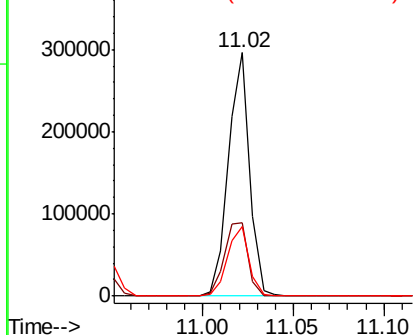


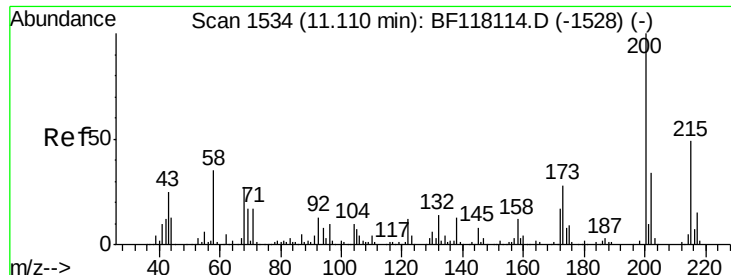
#68
Hexachlorobenzene
Concen: 38.569 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:284 Resp: 240354
Ion Ratio Lower Upper
284 100
142 29.9 29.7 44.5
249 28.3 24.6 37.0



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

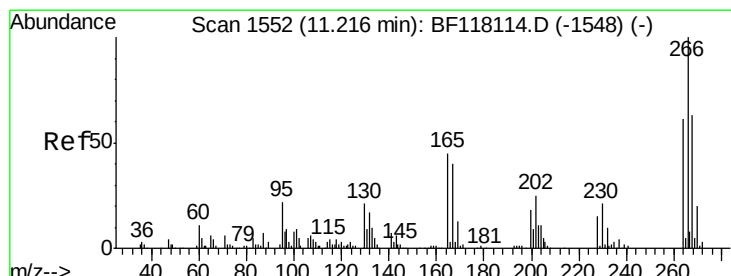
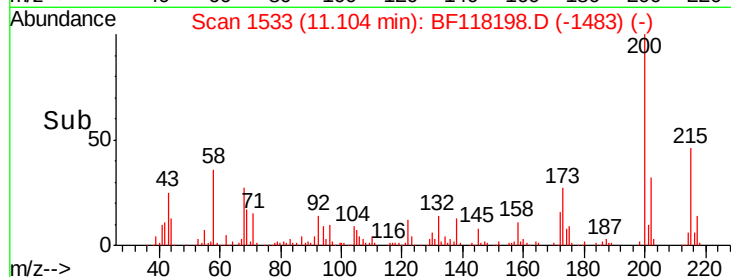
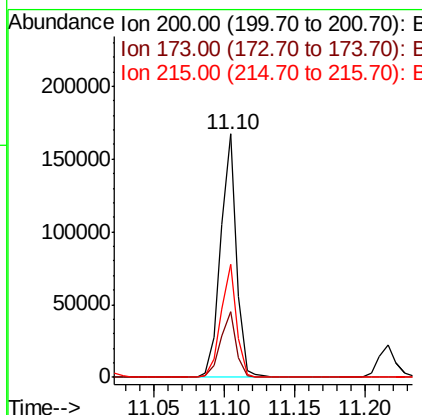
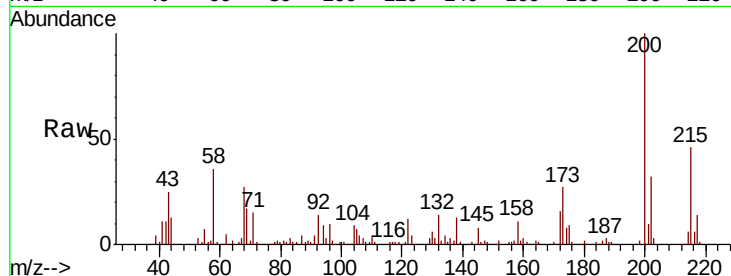




#69
 Atrazine
 Concen: 30.336 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

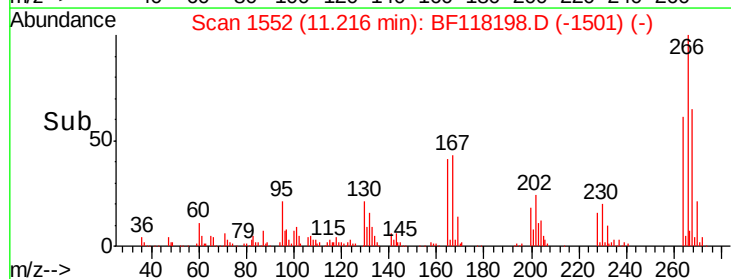
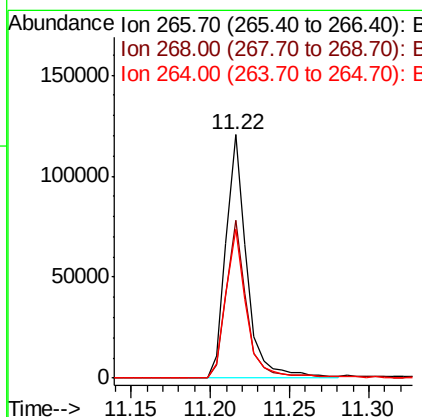
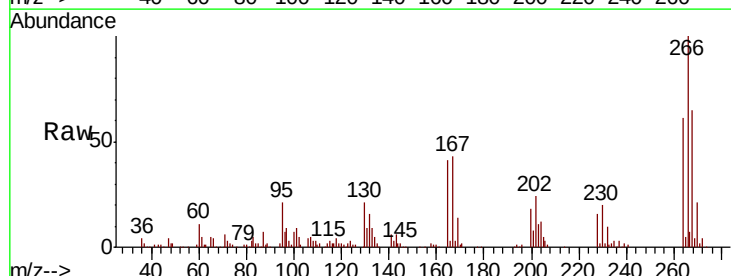
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

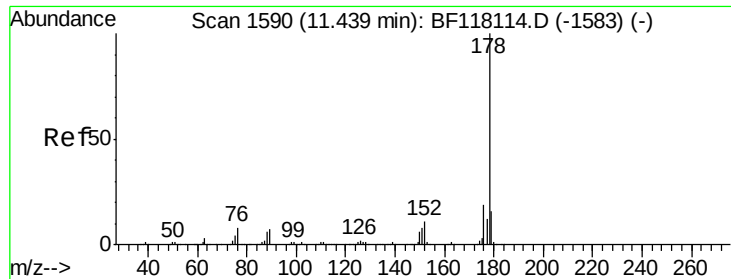
Tot Ion:200 Resp: 130489
 Ion Ratio Lower Upper
 200 100
 173 26.9 8.1 48.1
 215 46.3 29.0 69.0



#70
 Pentachlorophenol
 Concen: 37.556 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Tgt Ion:266 Resp: 110064
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.7 76.1
 264 61.2 48.7 73.1





#71

Phenanthrene

Concen: 38.727 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

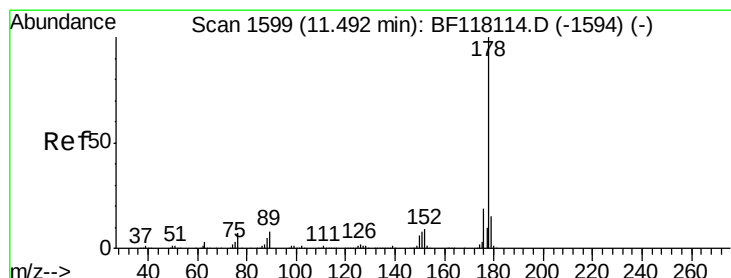
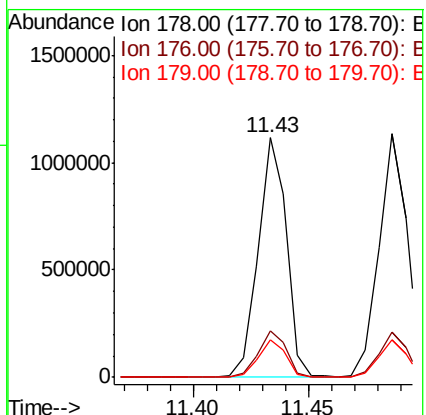
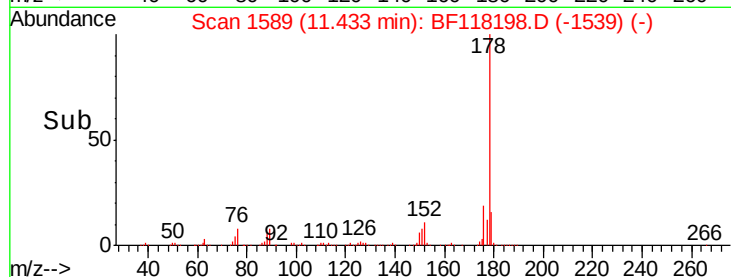
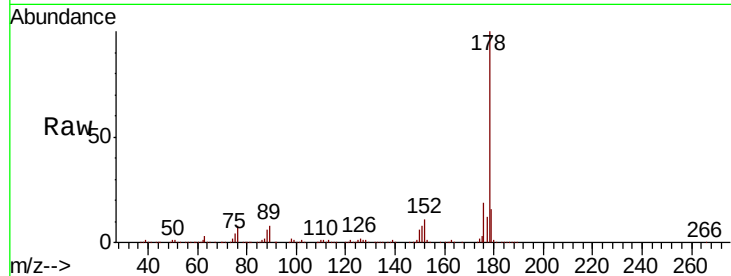
Tot Ion:178 Resp: 954852

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.6 18.8



#72

Anthracene

Concen: 39.272 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

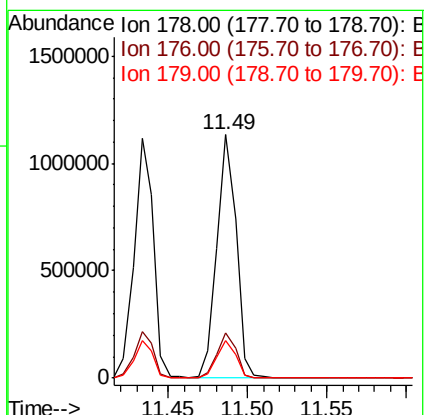
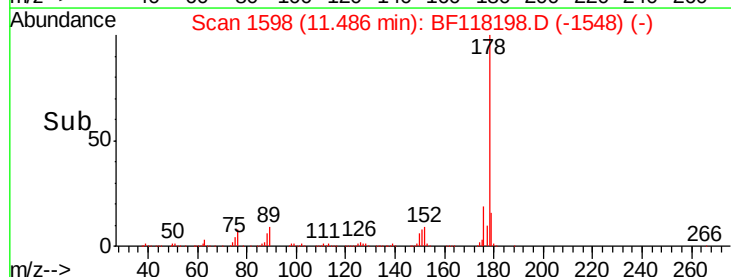
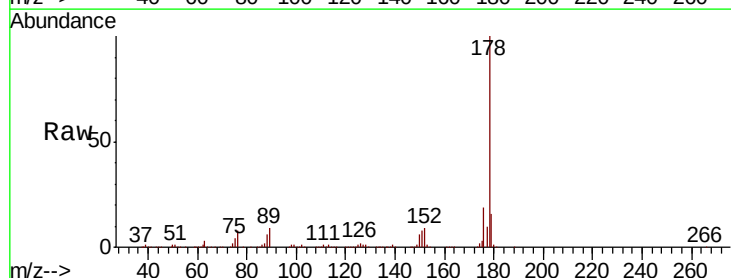
Tgt Ion:178 Resp: 965951

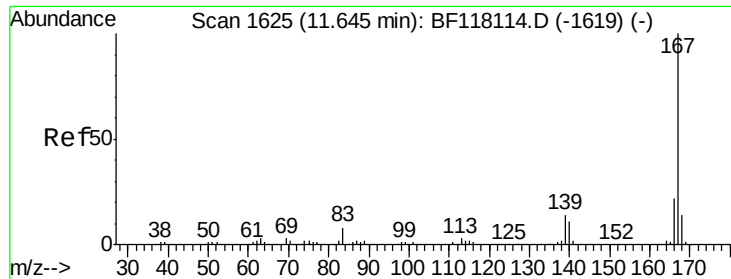
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.7 12.2 18.4

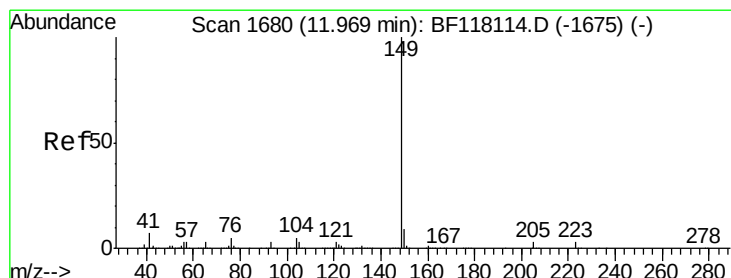
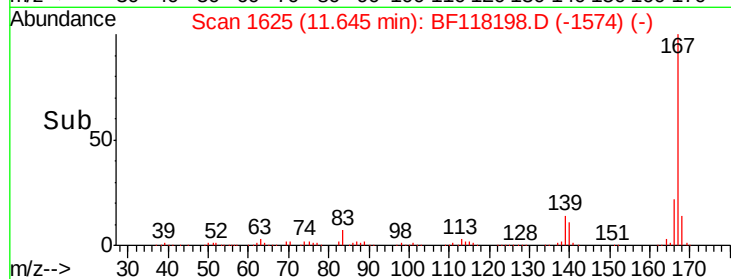
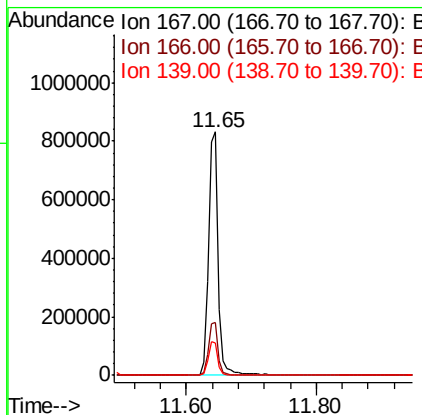
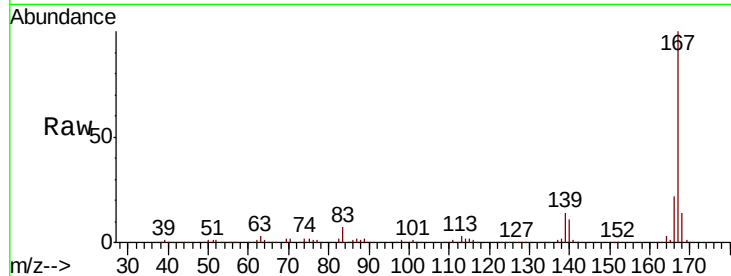




#73
 Carbazole
 Concen: 38.309 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

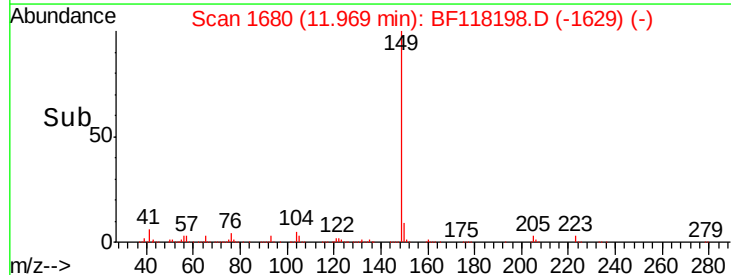
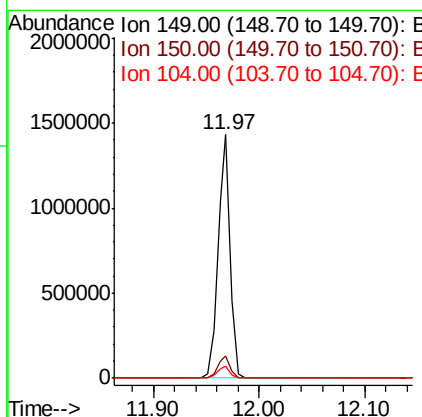
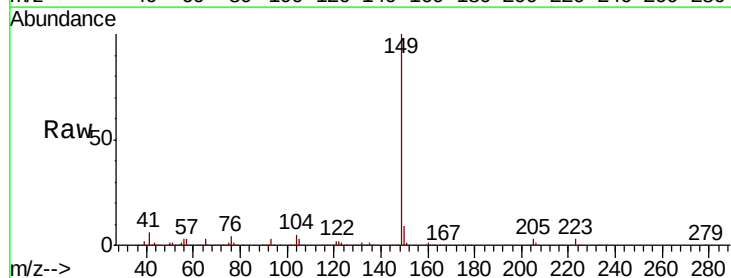
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

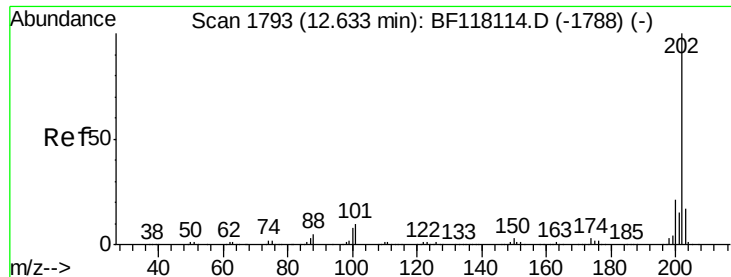
Tot Ion:167 Resp: 845417
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.5 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.996 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118198.D
 Acq: 13 Dec 2019 20:52

Tgt Ion:149 Resp: 1159883
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.1 4.3 6.5

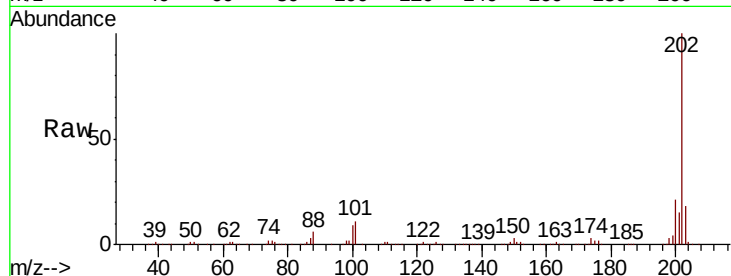




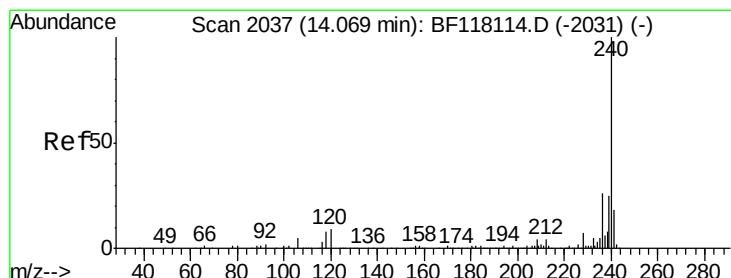
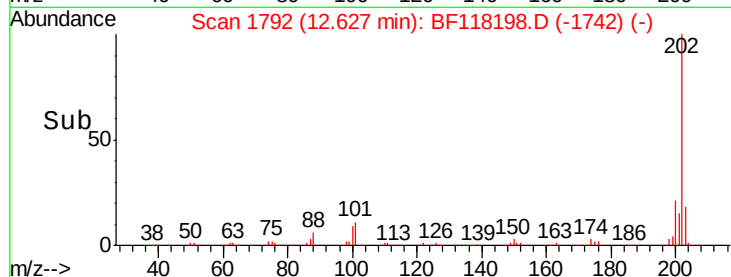
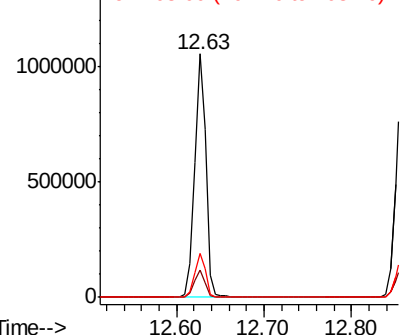
#75
Fluoranthene
Concen: 37.514 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	202	Resp:	945672
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.2	0.0	37.2

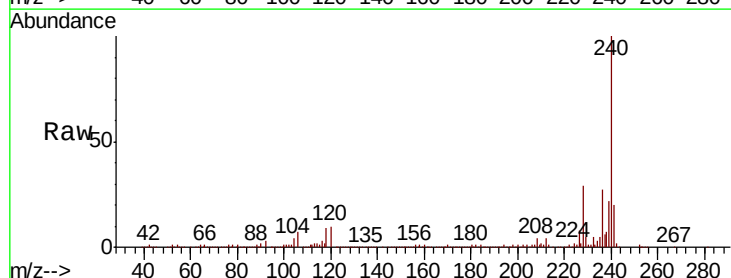


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

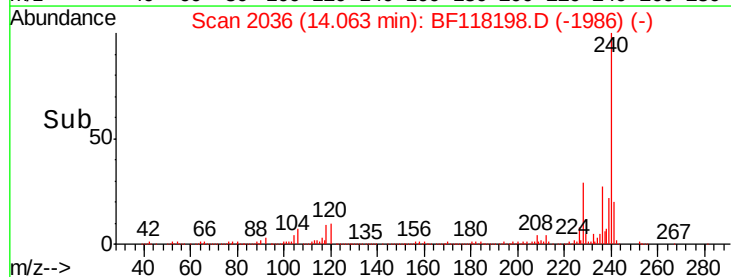
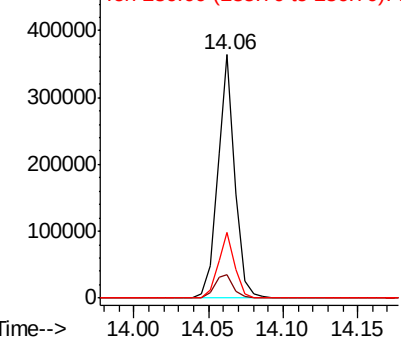


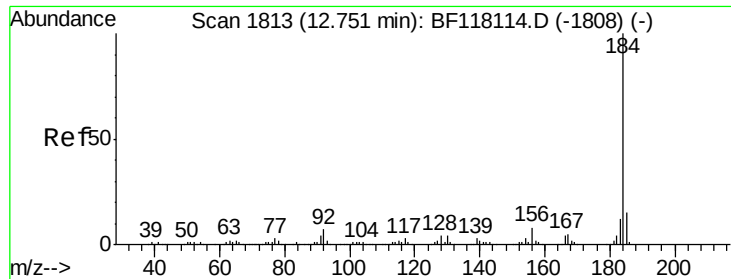
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:	240	Resp:	292015
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	26.9	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: 12.137 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

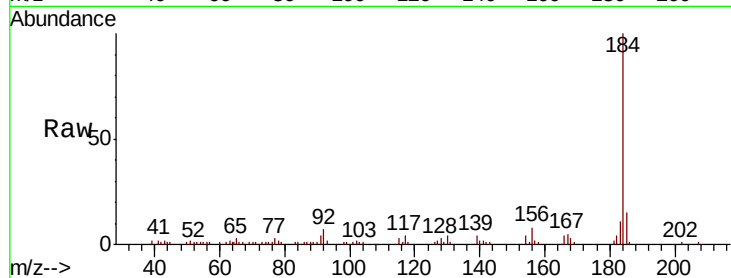
Tot Ion:184 Resp: 93305

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

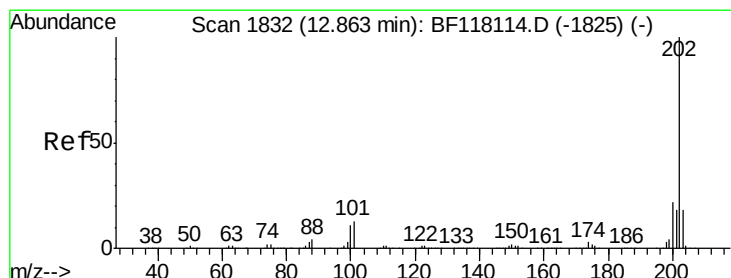
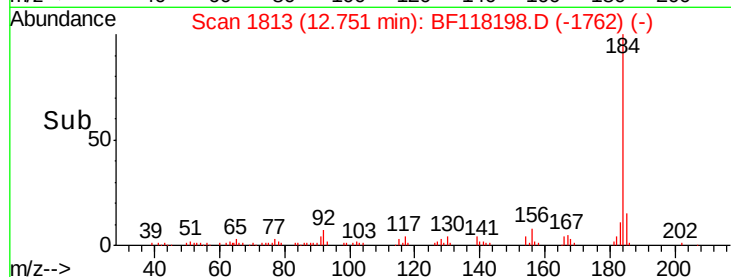
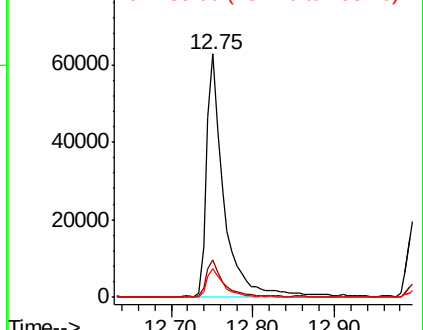
183 11.5 9.9 14.9



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: 41.212 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

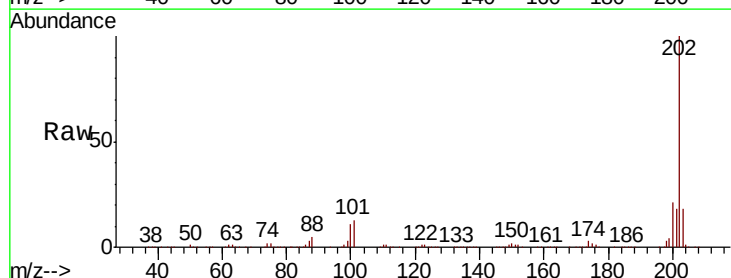
Tgt Ion:202 Resp: 948366

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

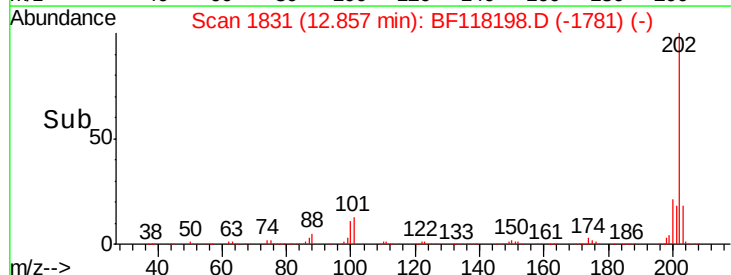
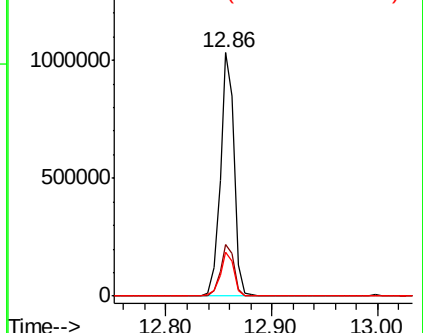
203 17.8 14.6 21.8

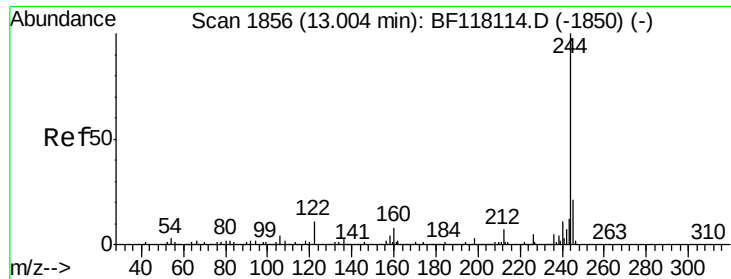


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.301 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

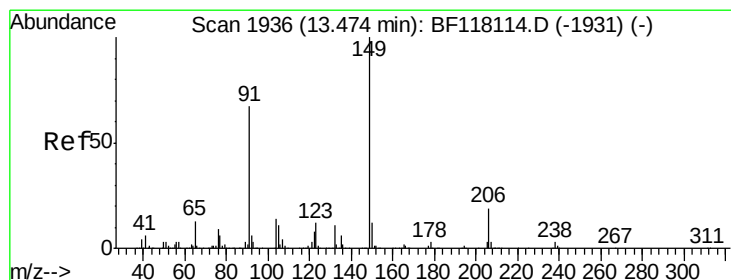
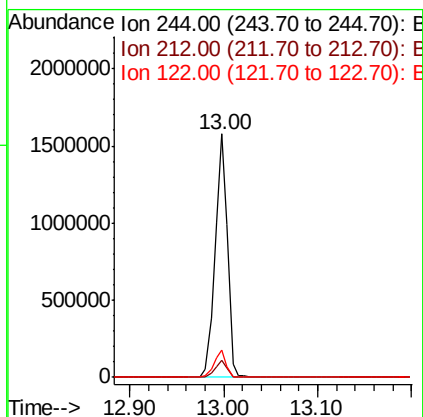
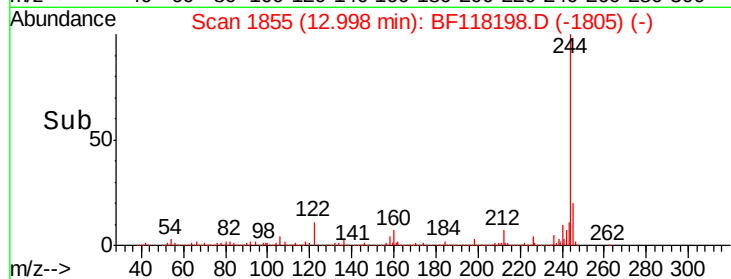
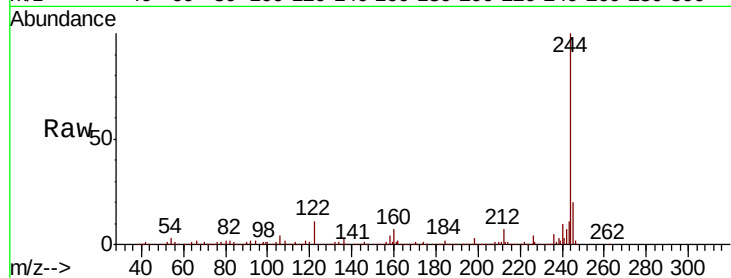
Tot Ion:244 Resp: 1465496

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 42.107 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

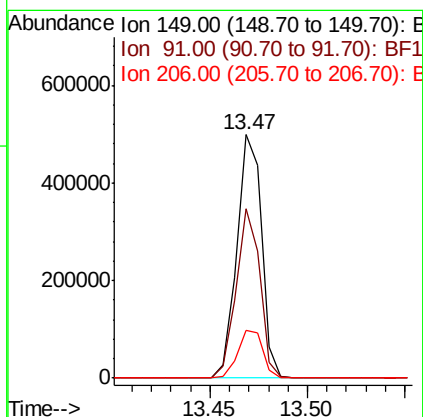
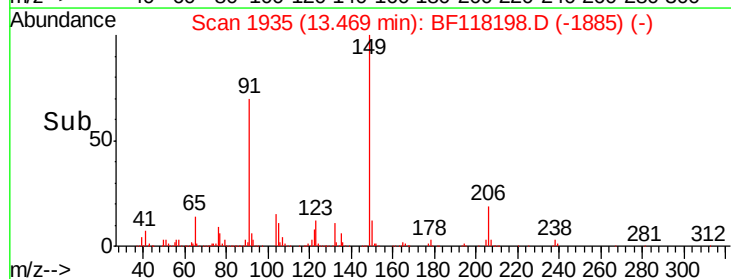
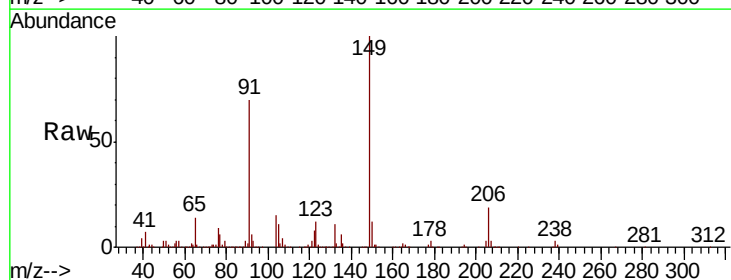
Tgt Ion:149 Resp: 438825

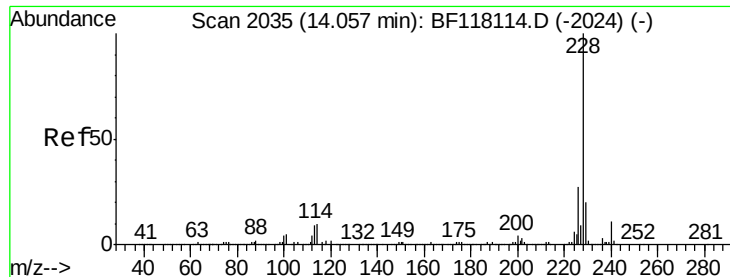
Ion Ratio Lower Upper

149 100

91 69.5 53.9 80.9

206 19.5 15.2 22.8





#81

Benzo(a)anthracene

Concen: 38.051 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

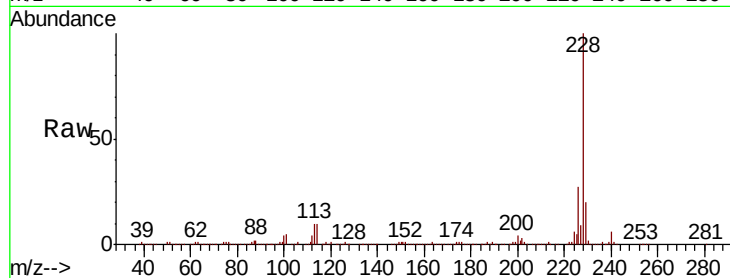
Tot Ion:228 Resp: 768322

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

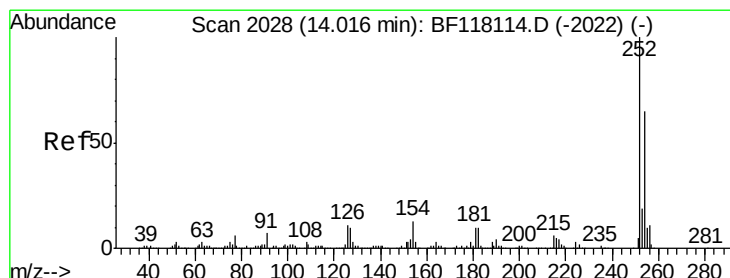
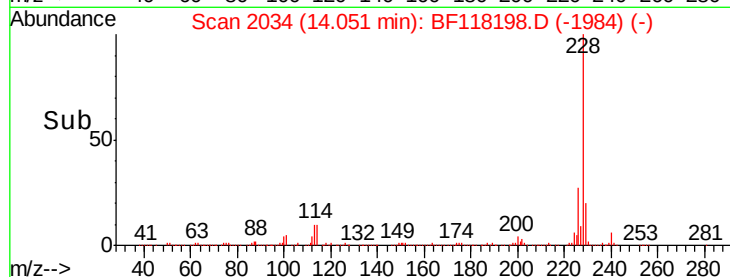
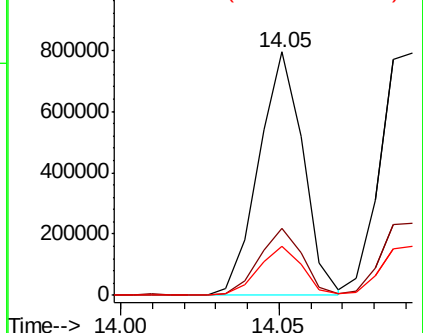
229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.309 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

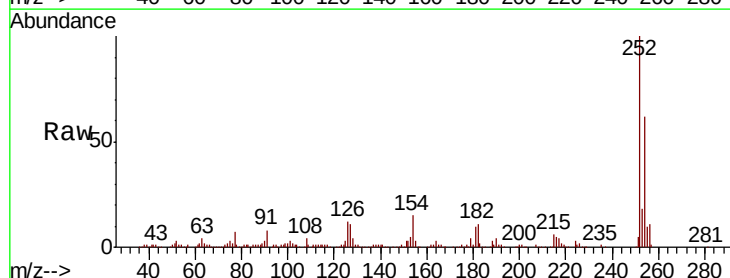
Tgt Ion:252 Resp: 240784

Ion Ratio Lower Upper

252 100

254 62.2 52.2 78.4

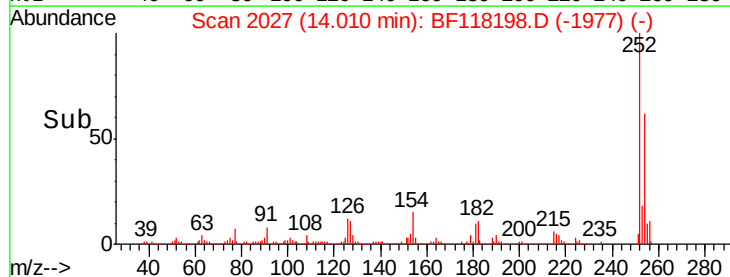
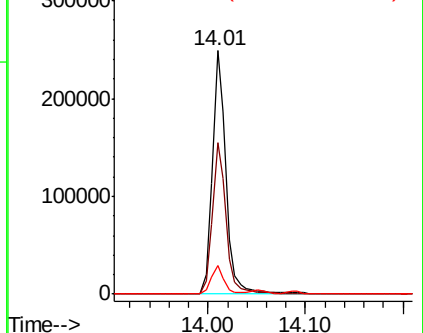
126 12.0 8.6 13.0

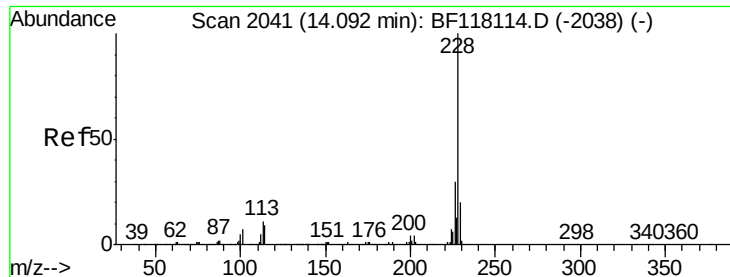


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

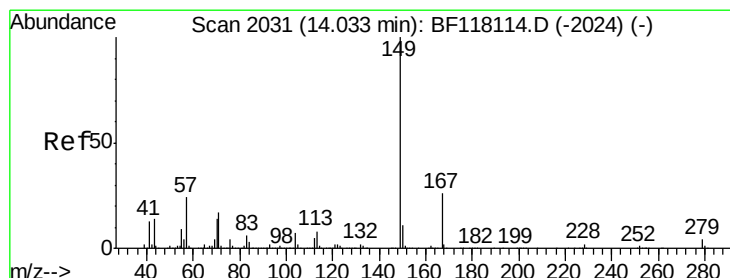
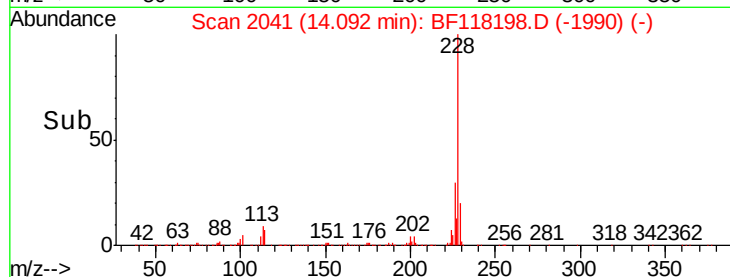
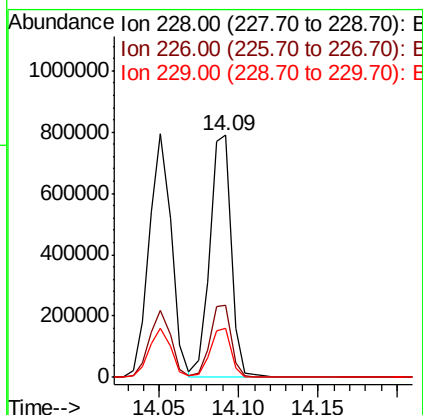
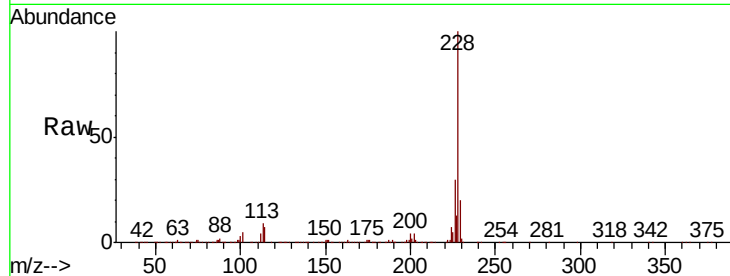




#83
Chrysene
Concen: 38.663 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

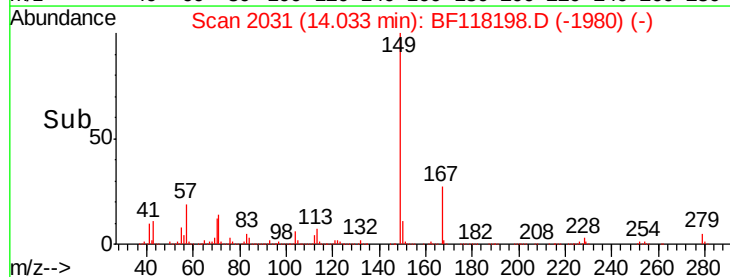
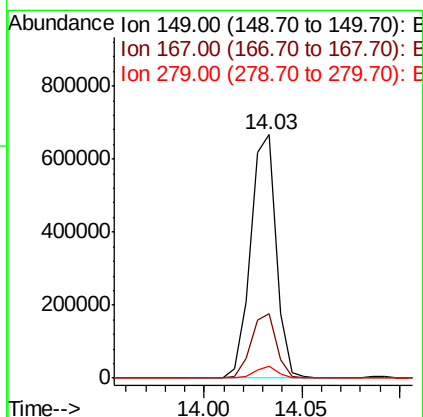
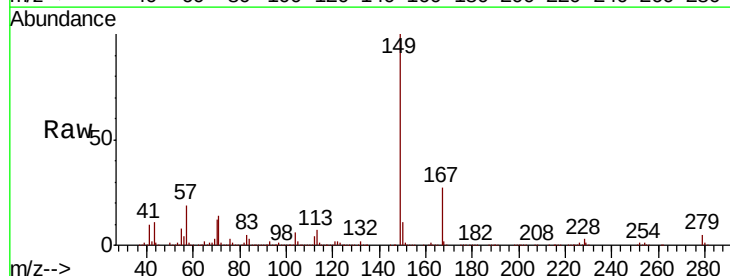
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

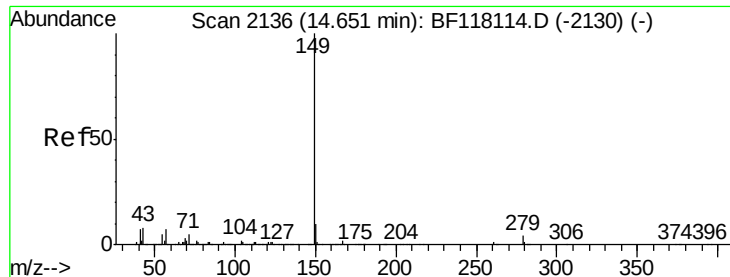
Tot Ion:228 Resp: 745732
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.2 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.329 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:149 Resp: 609179
Ion Ratio Lower Upper
149 100
167 26.6 20.8 31.2
279 4.6 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 43.442 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

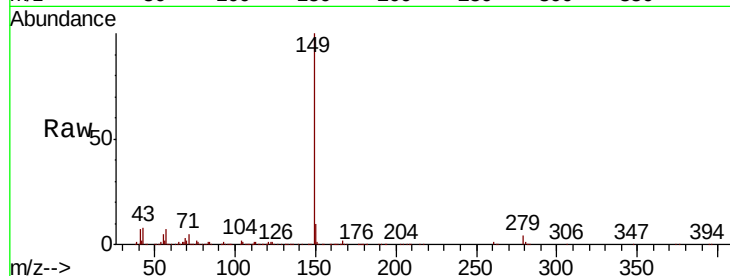
Tot Ion:149 Resp: 904343

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

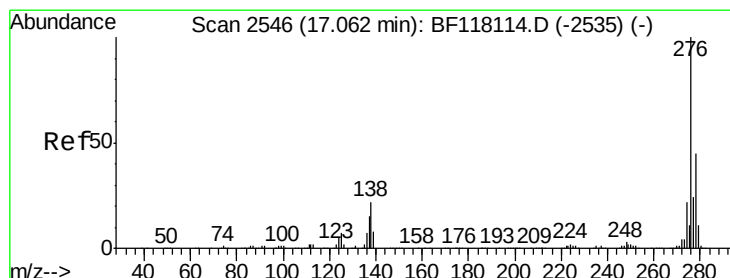
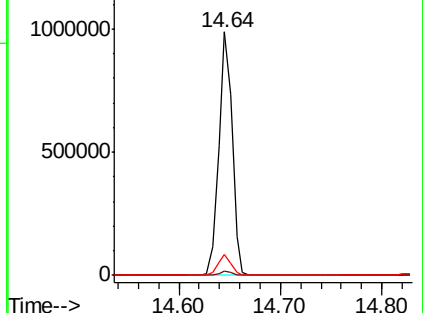
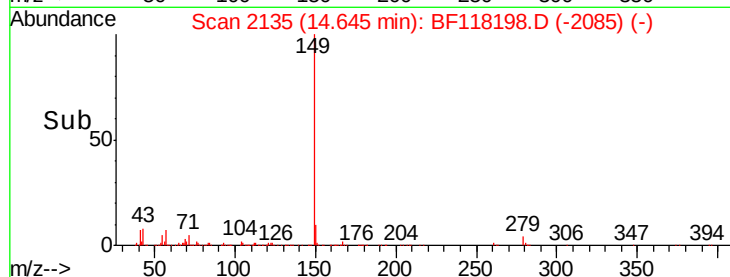
43 8.3 6.5 9.7



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: 51.878 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118198.D

Acq: 13 Dec 2019 20:52

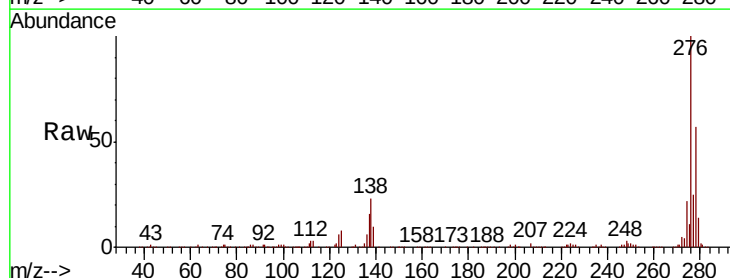
Tgt Ion:276 Resp: 841925

Ion Ratio Lower Upper

276 100

138 23.5 18.9 28.3

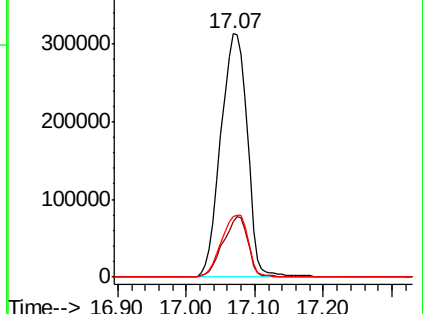
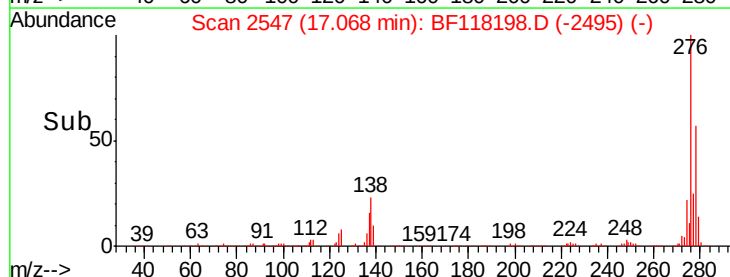
277 25.7 20.4 30.6

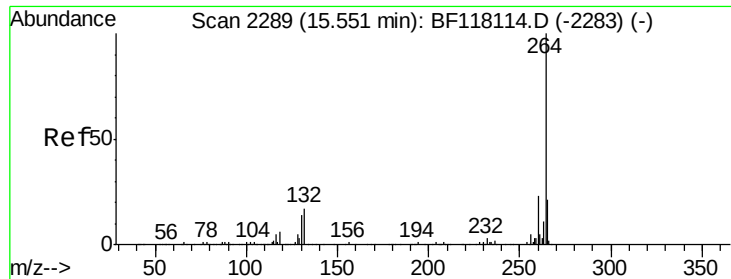


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



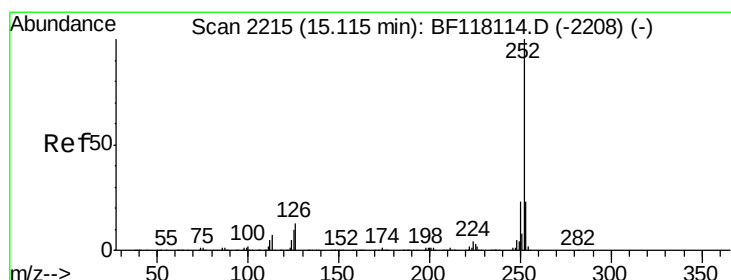
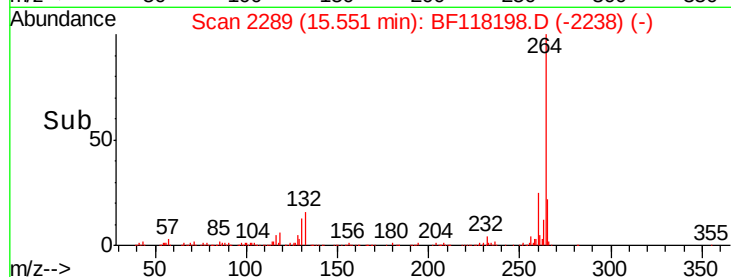
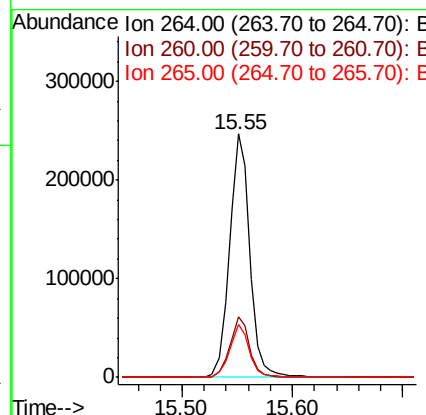
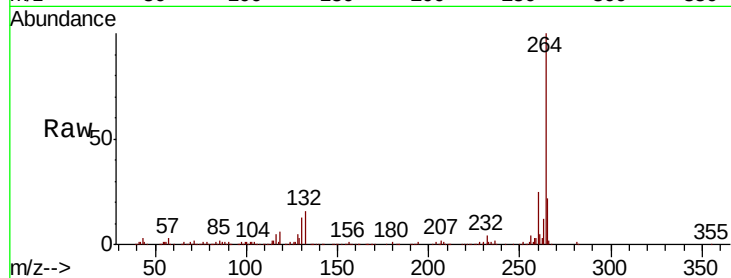


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 316127

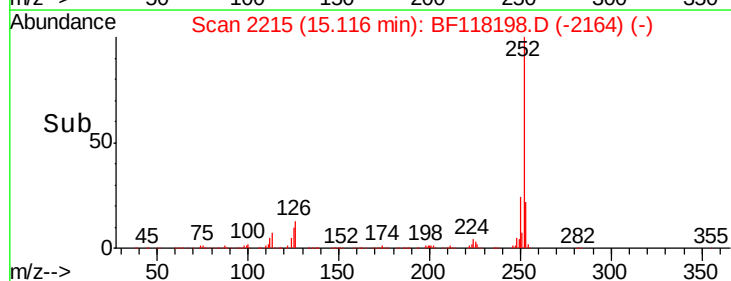
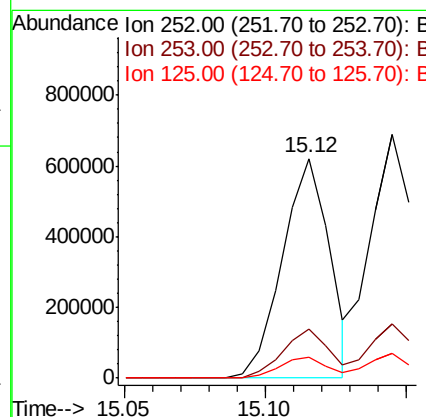
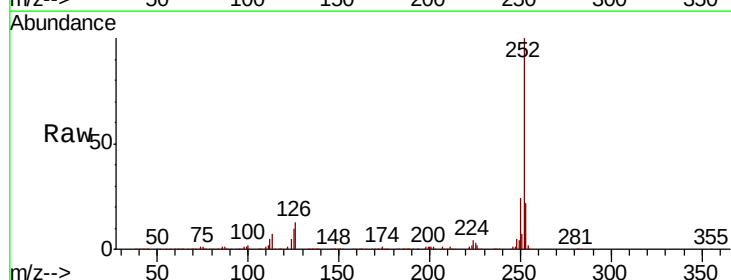
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	21.9	16.8	25.2

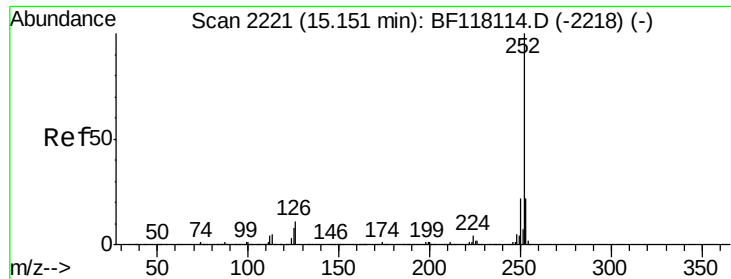


#88
Benzo(b)fluoranthene
Concen: 34.379 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:252 Resp: 718791

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	9.8	8.3	12.5

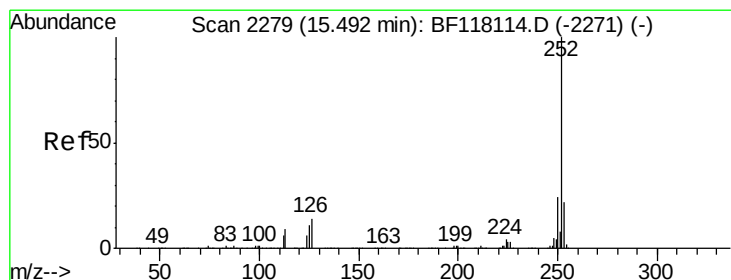
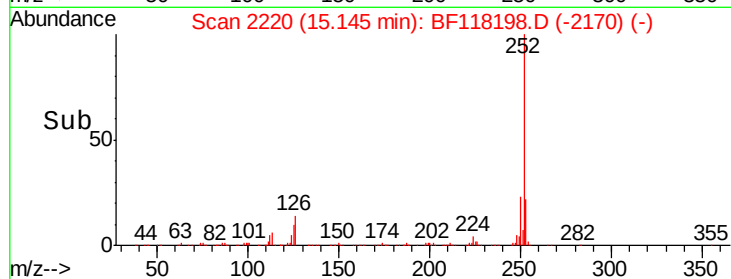
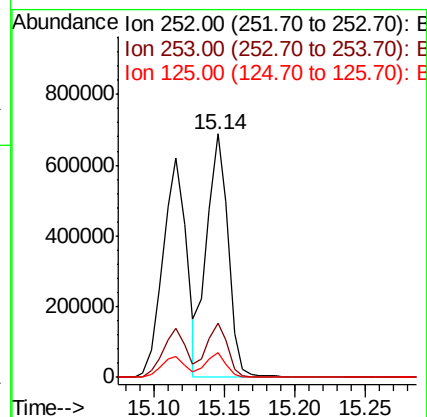
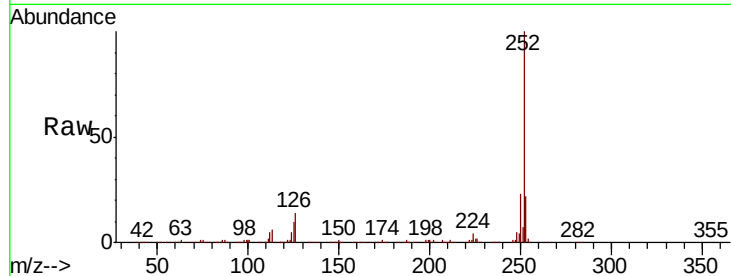




#89
Benzo(k)fluoranthene
Concen: 36.087 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

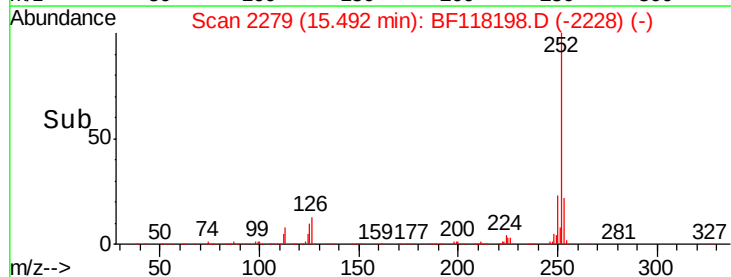
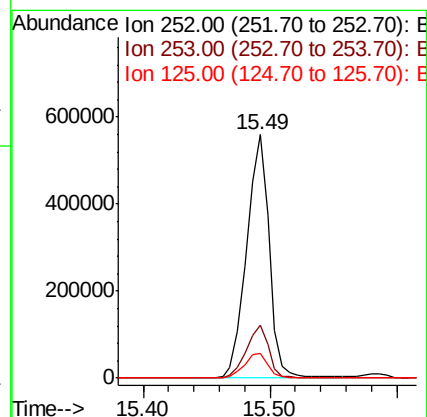
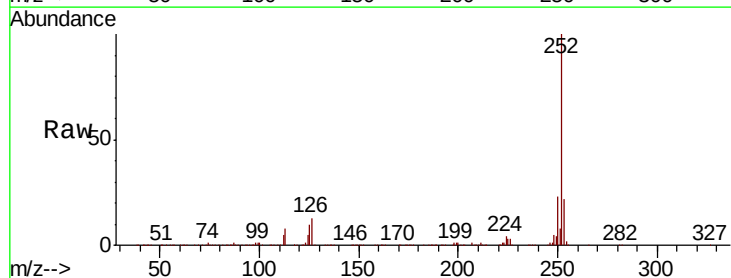
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

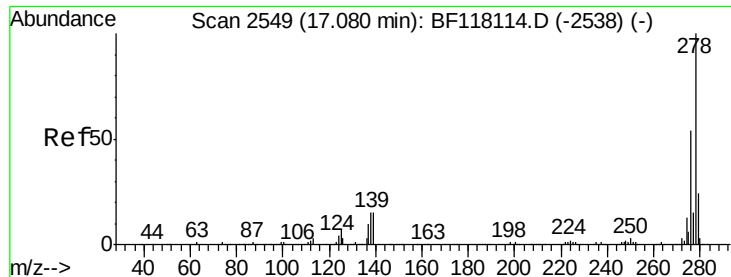
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.9	6.7	10.1



#90
Benzo(a)pyrene
Concen: 37.385 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	9.1	13.7

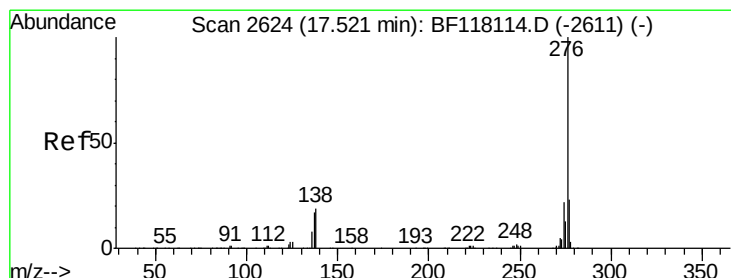
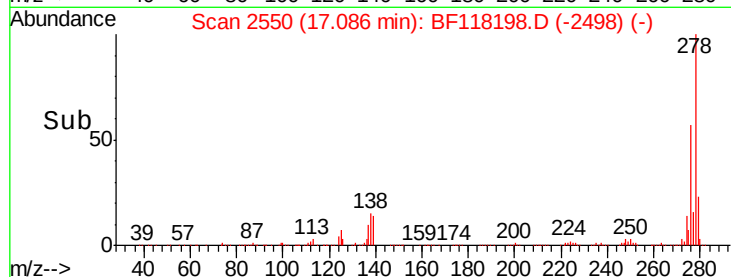
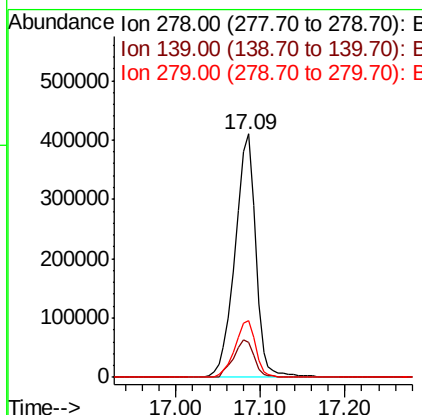
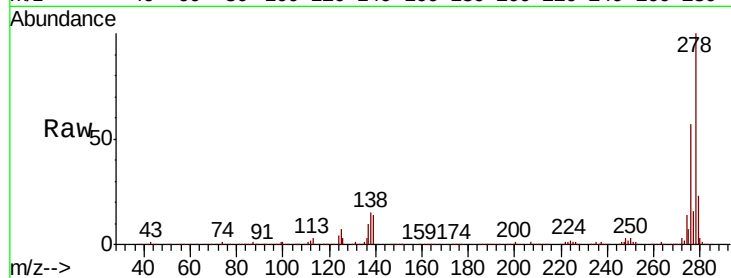




#91
Dibenzo(a,h)anthracene
Concen: 43.711 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 692298
Ion Ratio Lower Upper
278 100
139 14.3 11.7 17.5
279 23.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 44.344 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118198.D
Acq: 13 Dec 2019 20:52

Tgt Ion:276 Resp: 674883
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 19.0 15.5 23.3

