

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118180.D
 Acq On : 13 Dec 2019 12:21
 Operator : JU
 Sample : PB125387BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 17:31:29 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	112594	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	460885	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	248287	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	470848	20.00	ng	0.00
76) Chrysene-d12	14.06	240	340735	20.00	ng	0.00
87) Perylene-d12	15.56	264	278934	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	712954	110.90	ng	0.02
7) Phenol-d6	6.50	99	869020	111.76	ng	0.00
23) Nitrobenzene-d5	7.43	82	585853	71.51	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	325440	107.90	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1228893	75.31	ng	0.00
79) Terphenyl-d14	13.00	244	1484772	74.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	108022	39.851	ng	98
3) Pyridine	3.49	79	260388	37.234	ng	99
4) n-Nitrosodimethylamine	3.43	42	125433	41.693	ng	96
6) Aniline	6.53	93	324051	32.580	ng	99
8) 2-Chlorophenol	6.66	128	317708	43.829	ng	99
9) Benzaldehyde	6.42	77	215063	62.544	ng	93
10) Phenol	6.52	94	376142	42.418	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	268856	41.921	ng	97
12) 1,3-Dichlorobenzene	6.81	146	349909	41.322	ng	97
13) 1,4-Dichlorobenzene	6.89	146	359651	42.179	ng	99
14) 1,2-Dichlorobenzene	7.04	146	336560	42.031	ng	98
15) Benzyl Alcohol	7.01	79	268576	44.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	311933	40.452	ng	94
17) 2-Methylphenol	7.13	107	254465	44.137	ng	97
18) Hexachloroethane	7.38	117	129258	41.140	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	205746	43.546	ng	98
20) 3+4-Methylphenols	7.28	107	319688	44.145	ng	97
22) Acetophenone	7.28	105	430382	38.869	ng	# 97
24) Nitrobenzene	7.45	77	315730	39.226	ng	99
25) Isophorone	7.69	82	571518	41.152	ng	98
26) 2-Nitrophenol	7.77	139	179560	41.738	ng	93
27) 2,4-Dimethylphenol	7.81	122	274030	47.753	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	348708	38.426	ng	100
29) 2,4-Dichlorophenol	8.02	162	269542	40.292	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	300984	38.499	ng	99
31) Naphthalene	8.18	128	945023	40.828	ng	100
32) Benzoic acid	7.94	122	204271	39.425	ng	97
33) 4-Chloroaniline	8.23	127	187974	18.808	ng	96
34) Hexachlorobutadiene	8.29	225	173682	37.048	ng	97
35) Caprolactam	8.60	113	57713	27.975	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	290509	41.265	ng	98
37) 2-Methylnaphthalene	8.87	142	655725	41.845	ng	99
38) 1-Methylnaphthalene	8.97	142	607483	41.287	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	283626	37.709	ng	99

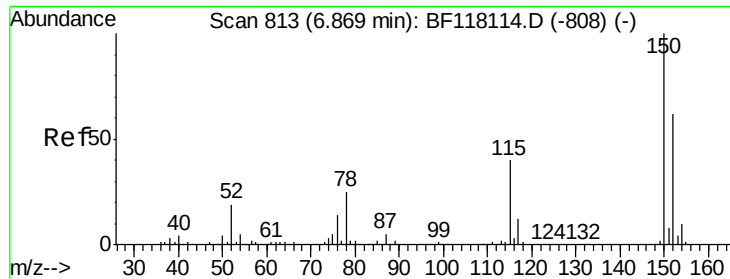
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118180.D
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Quant Time: Dec 13 17:31:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	317755	94.289	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	197325	39.292	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	215545	41.427	ng	94
46) 1,1'-Biphenyl	9.33	154	780200	39.842	ng	99
47) 2-Chloronaphthalene	9.36	162	605613	38.447	ng	98
48) 2-Nitroaniline	9.46	65	172024	38.295	ng	96
49) Acenaphthylene	9.78	152	978933	42.135	ng	99
50) Dimethylphthalate	9.64	163	722932	39.419	ng	99
51) 2,6-Dinitrotoluene	9.70	165	161775	40.567	ng	93
52) Acenaphthene	9.95	154	560660	39.537	ng	98
53) 3-Nitroaniline	9.87	138	108904	23.205	ng	97
54) 2,4-Dinitrophenol	9.99	184	161689	81.497	ng	96
55) Dibenzofuran	10.13	168	858631	41.323	ng	97
56) 4-Nitrophenol	10.05	139	258115	79.251	ng	96
57) 2,4-Dinitrotoluene	10.11	165	220903	41.502	ng	97
58) Fluorene	10.47	166	677317	41.018	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	178360	41.551	ng	99
60) Diethylphthalate	10.34	149	732608	40.545	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	332009	39.960	ng	95
62) 4-Nitroaniline	10.49	138	167572	34.236	ng	98
63) Azobenzene	10.62	77	630997	40.907	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	113539	43.664	ng	95
66) n-Nitrosodiphenylamine	10.58	169	593686	40.376	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	208692	38.828	ng	# 93
68) Hexachlorobenzene	11.02	284	244786	38.694	ng	96
69) Atrazine	11.11	200	207627	59.917	ng	99
70) Pentachlorophenol	11.22	266	260123	87.434	ng	98
71) Phenanthrene	11.44	178	1010818	40.385	ng	100
72) Anthracene	11.49	178	1055310	42.265	ng	99
73) Carbazole	11.64	167	899133	40.135	ng	99
74) Di-n-butylphthalate	11.97	149	1166415	41.602	ng	99
75) Fluoranthene	12.63	202	1055345	41.240	ng	99
77) Benzidine	12.75	184	433270	48.303	ng	98
78) Pyrene	12.86	202	1060083	39.480	ng	99
80) Butylbenzylphthalate	13.47	149	479478	39.429	ng	99
81) Benzo(a)anthracene	14.06	228	913803	38.785	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	221938	28.682	ng	99
83) Chrysene	14.09	228	853095	37.906	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	657661	41.014	ng	98
85) Di-n-octyl phthalate	14.65	149	1027906	42.318	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	638293	33.707	ng	100
88) Benzo(b)fluoranthene	15.12	252	746212	40.450	ng	97
89) Benzo(k)fluoranthene	15.15	252	718495	40.542	ng	99
90) Benzo(a)pyrene	15.49	252	635494	39.004	ng	98
91) Dibenzo(a,h)anthracene	17.09	278	537817	38.485	ng	99
92) Benzo(g,h,i)perylene	17.53	276	520091	38.730	ng	99

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

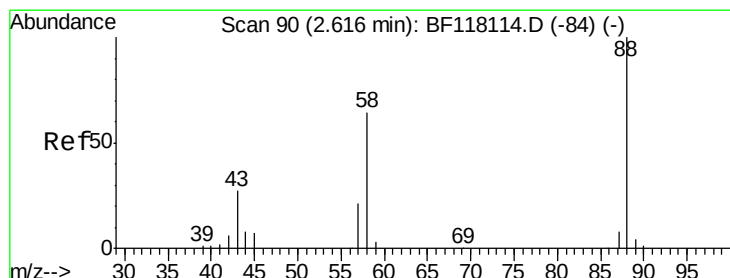
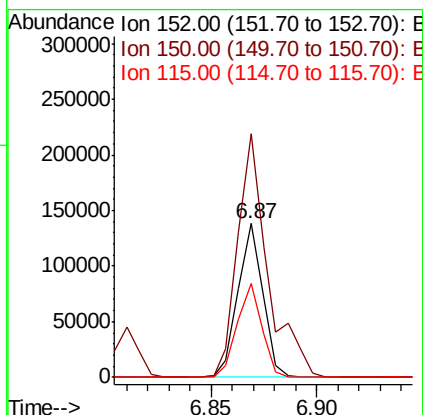
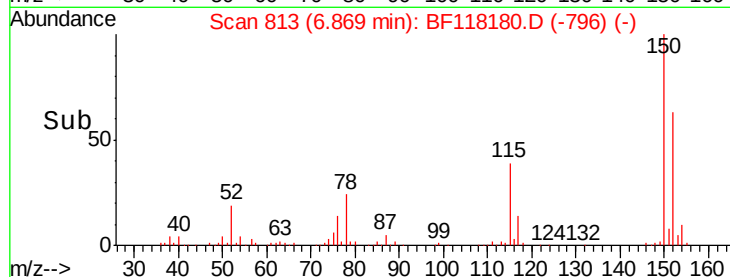
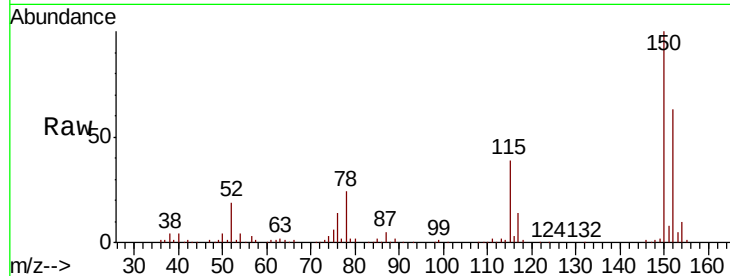


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampled :

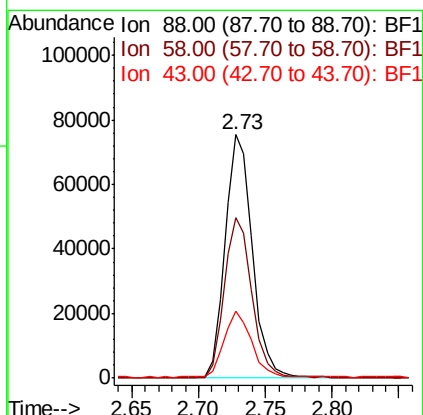
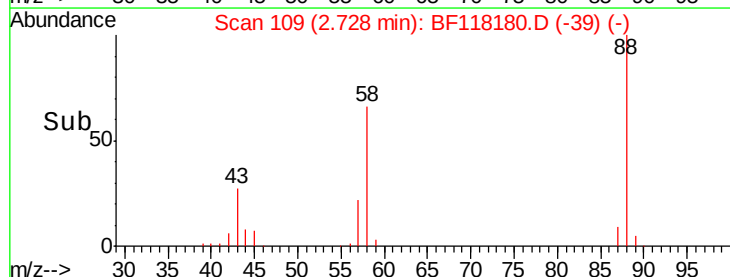
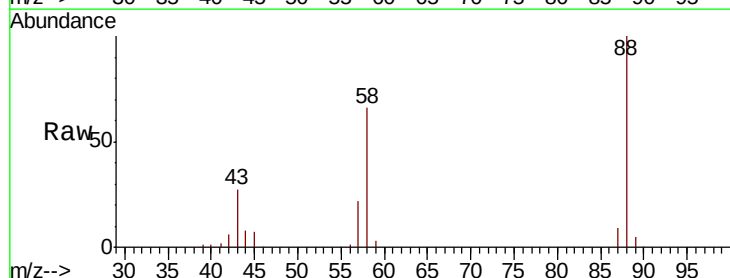
Tot Ion:152 Resp: 112594
Ion Ratio Lower Upper
152 100
150 158.6 128.3 192.5
115 61.2 51.1 76.7

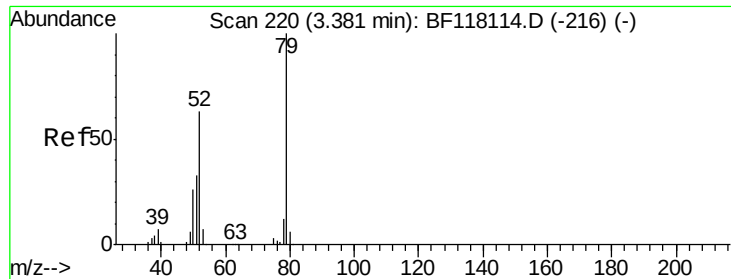


#2

1,4-Dioxane
Concen: 39.851 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion: 88 Resp: 108022
Ion Ratio Lower Upper
88 100
58 66.9 52.2 78.4
43 28.6 21.4 32.2





#3

Pvridine

Concen: 37.234 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampled :

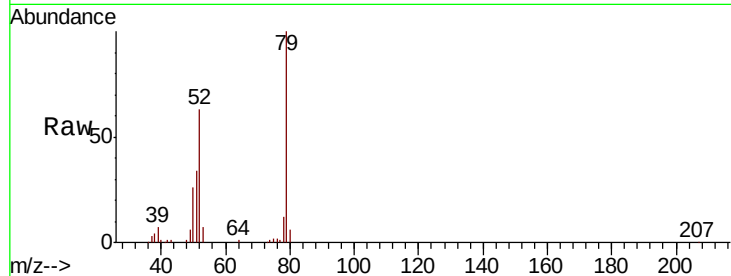
Tot Ion: 79 Resp: 260388

Ion Ratio Lower Upper

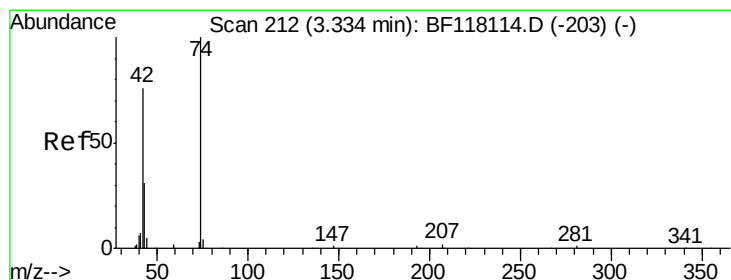
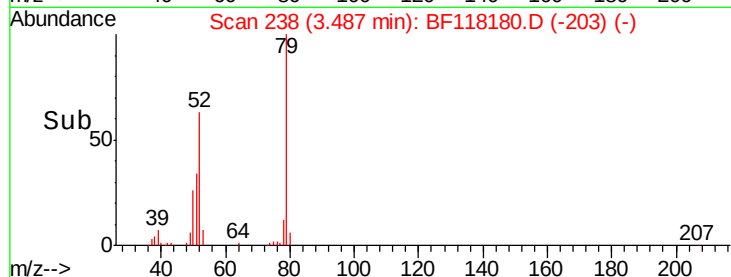
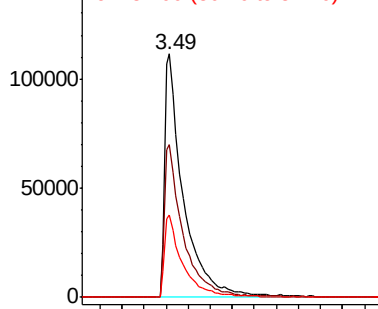
79 100

52 63.0 50.7 76.1

51 33.7 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: 41.693 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.10 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

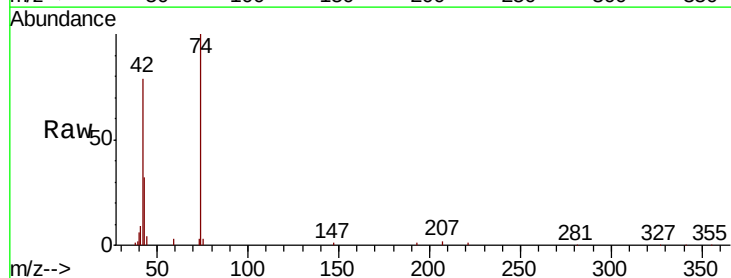
Tgt Ion: 42 Resp: 125433

Ion Ratio Lower Upper

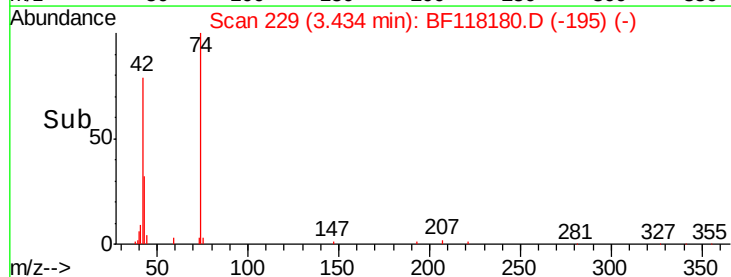
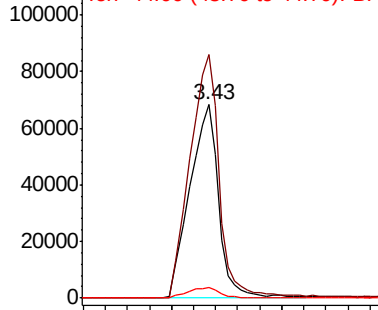
42 100

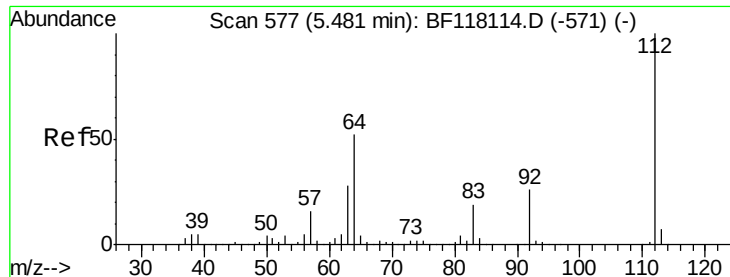
74 126.0 104.6 157.0

44 5.4 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: 110.904 ng

RT: 5.50 min Scan# 580

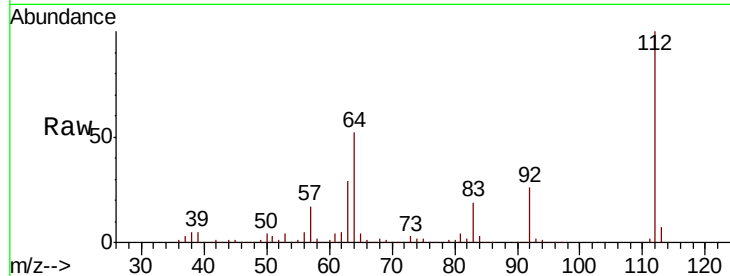
Delta R.T. 0.02 min

Lab File: BF118180.D

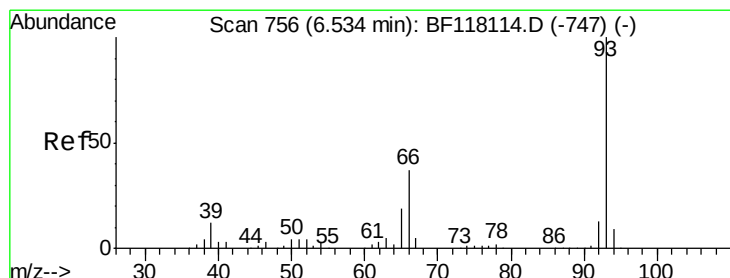
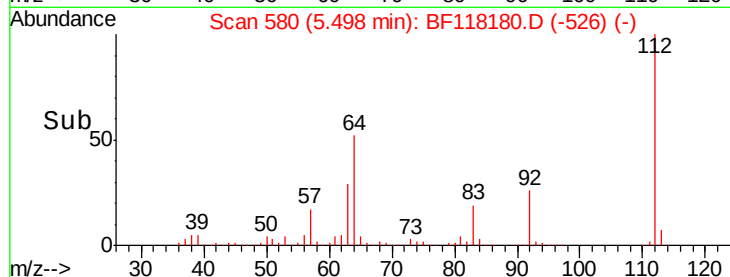
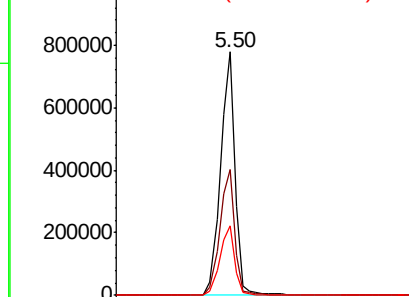
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	712954
Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.3	61.9
63	28.8	22.4	33.6



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



#6

Aniline

Concen: 32.580 ng

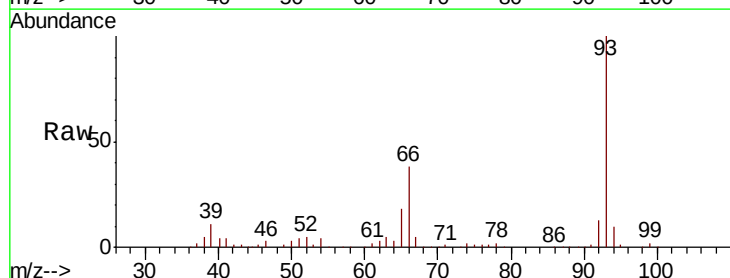
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

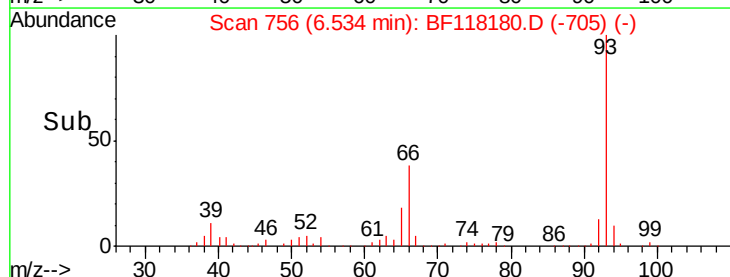
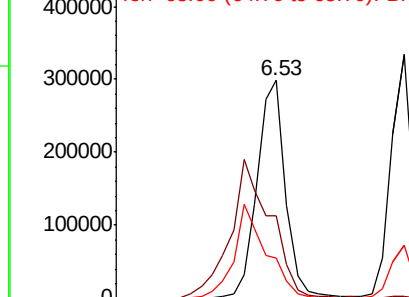
Lab File: BF118180.D

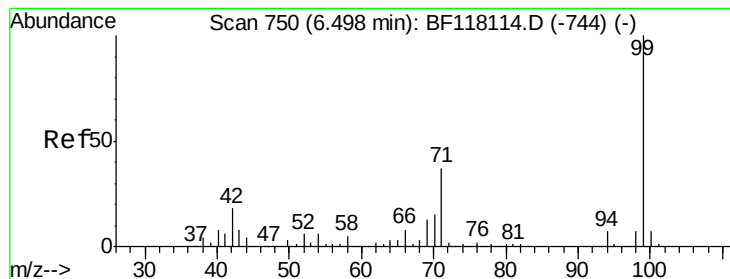
Acq: 13 Dec 2019 12:21

Tgt Ion:	93	Resp:	324051
Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.2	45.2
65	18.3	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: 111.763 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

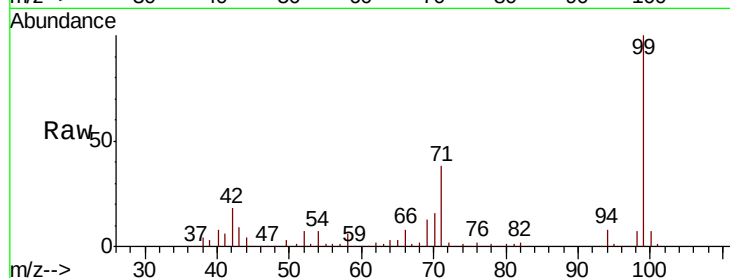
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 869020

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	38.0	29.7	44.5

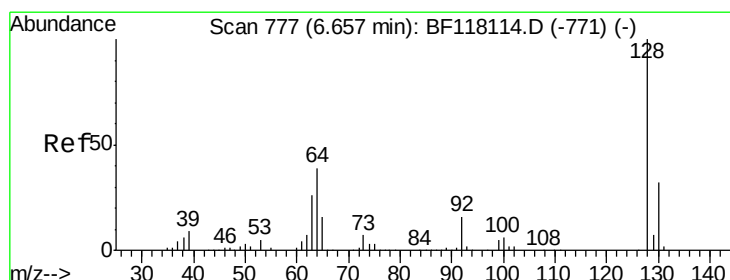
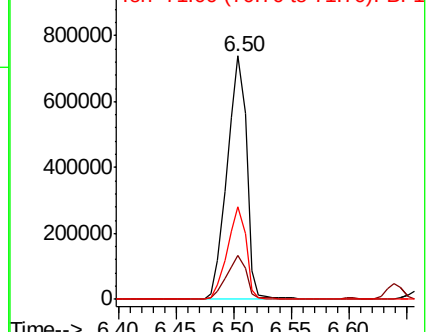
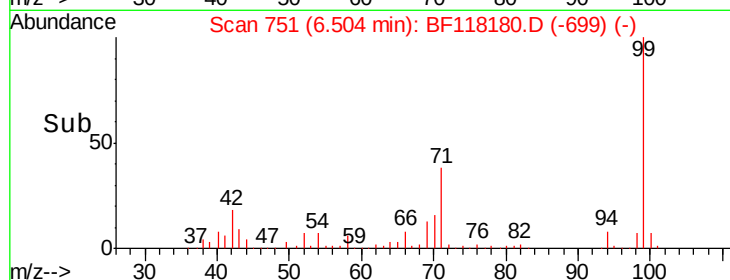


Abundance

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: 43.829 ng

RT: 6.66 min Scan# 777

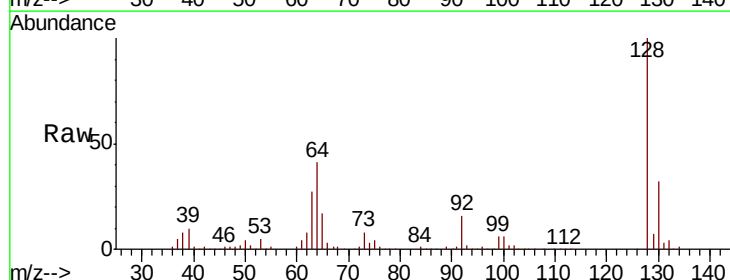
Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Tgt Ion: 128 Resp: 317708

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.1	52.1
64	40.7	19.3	59.3

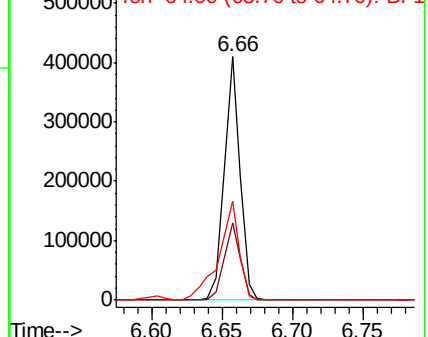
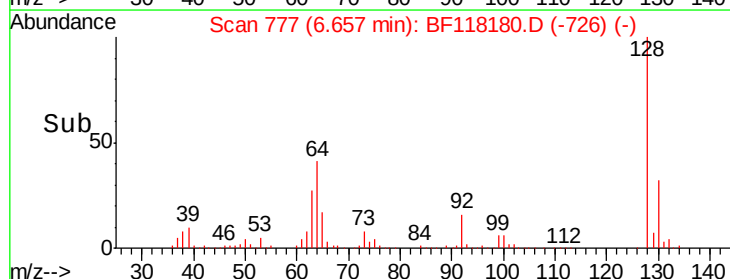


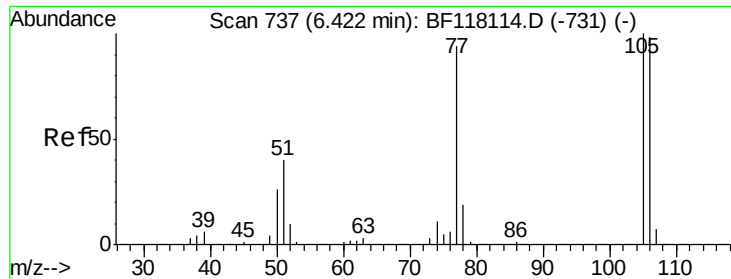
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 62.544 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

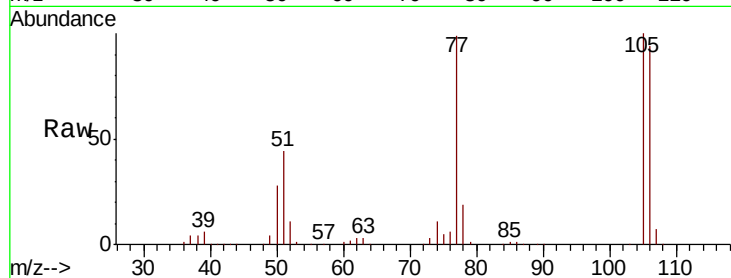
Tot Ion: 77 Resp: 215063

Ion Ratio Lower Upper

77 100

105 101.3 86.4 126.4

106 95.3 83.8 123.8

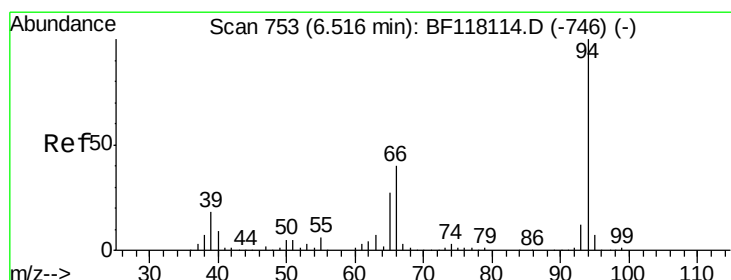
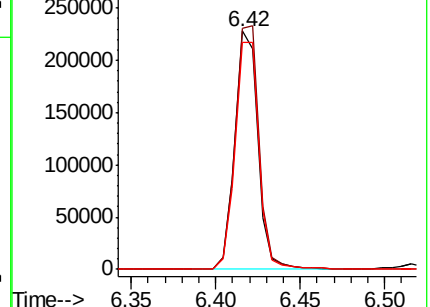
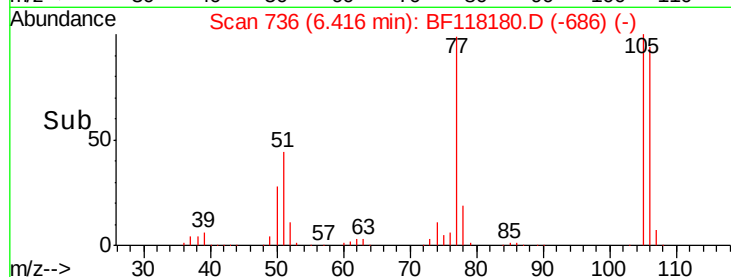


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.418 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

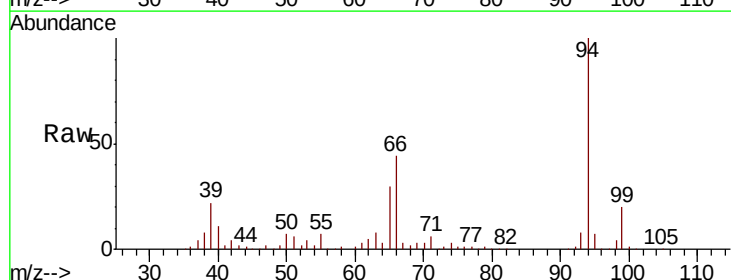
Tgt Ion: 94 Resp: 376142

Ion Ratio Lower Upper

94 100

65 29.7 7.3 47.3

66 43.8 20.2 60.2

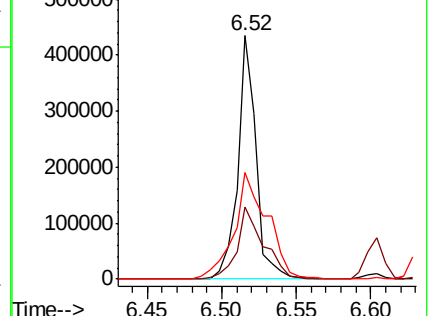
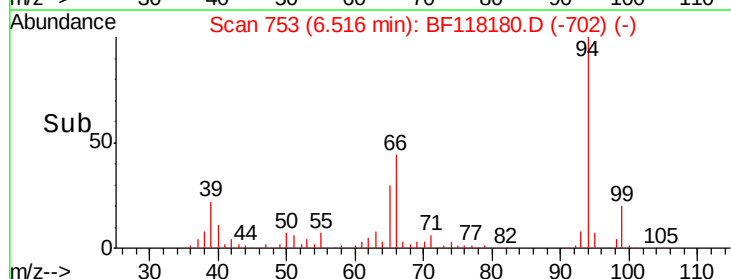


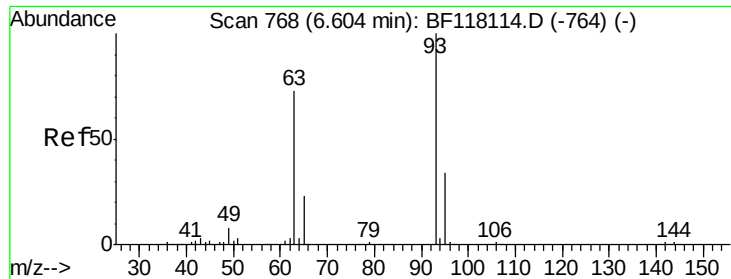
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

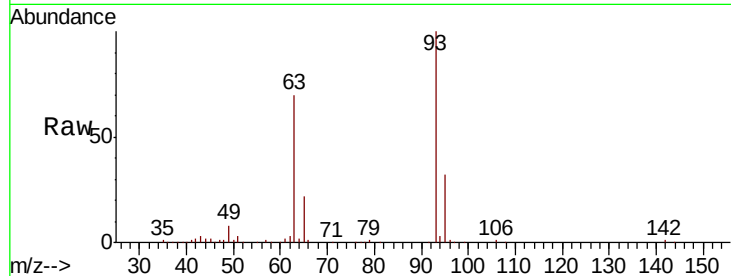




#11
bis(2-Chloroethyl)ether
Concen: 41.921 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	93	Resp	268856
Ion Ratio	100	Lower	Upper
63	70.2	53.2	93.2
95	32.2	13.8	53.8

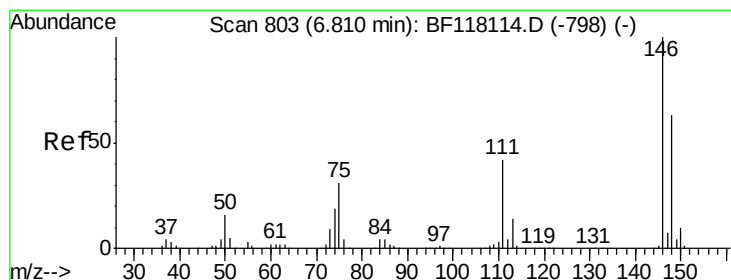
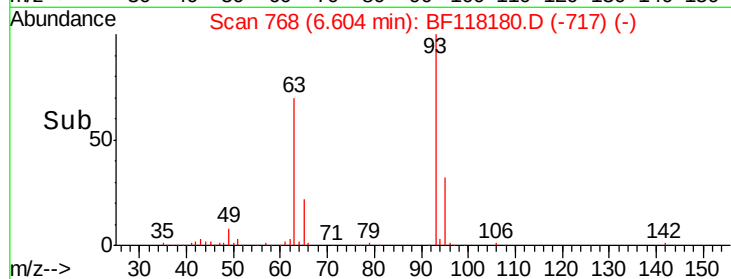
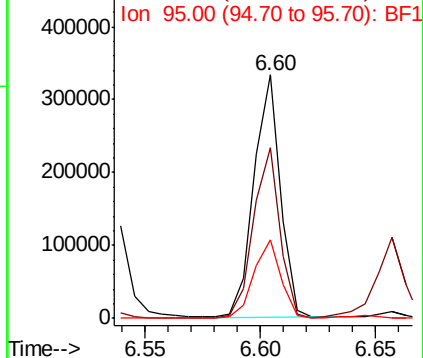


Abundance

Ion 93.00 (92.70 to 93.70): BF1

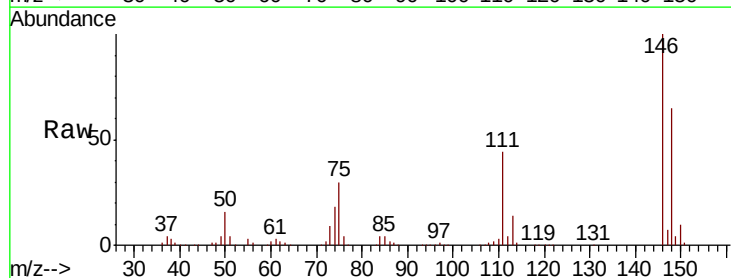
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.322 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion	146	Resp	349909
Ion Ratio	100	Lower	Upper
148	65.1	50.2	75.4
75	29.5	24.6	37.0

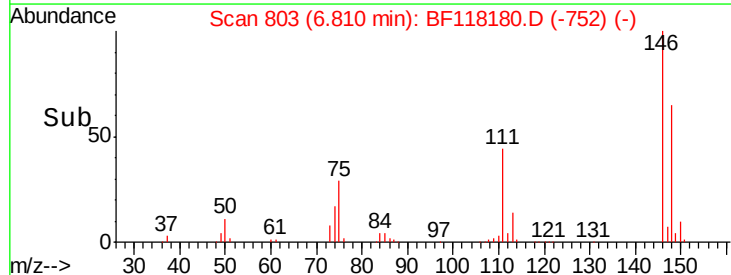
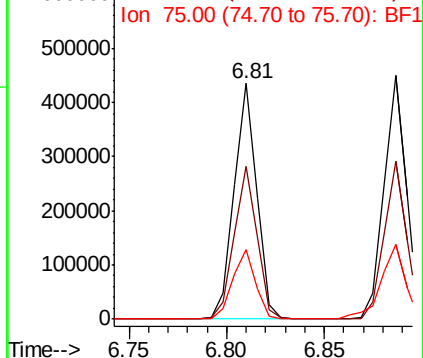


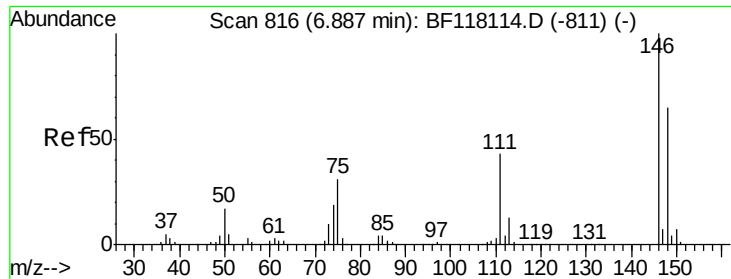
Abundance

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

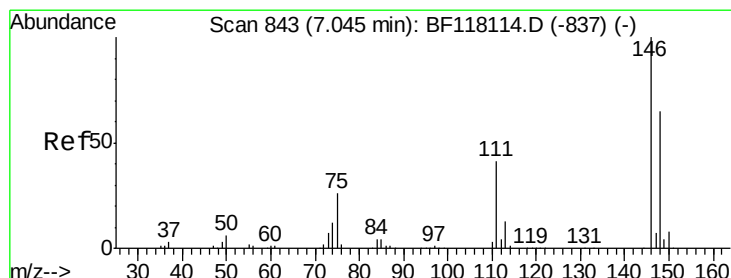
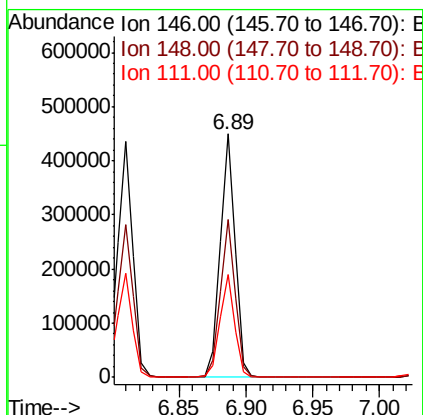
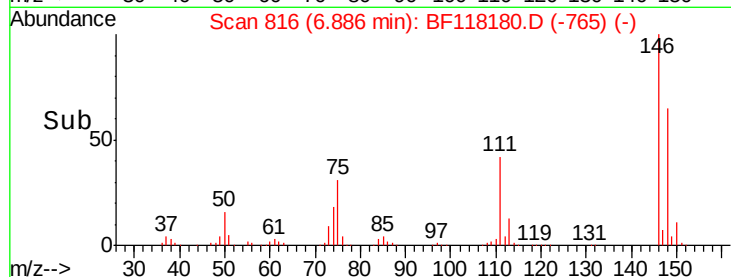
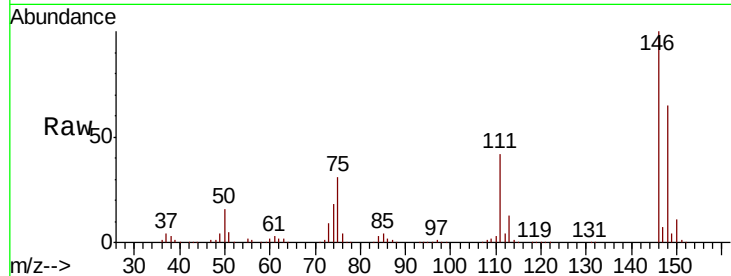




#13
 1,4-Dichlorobenzene
 Concen: 42.179 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

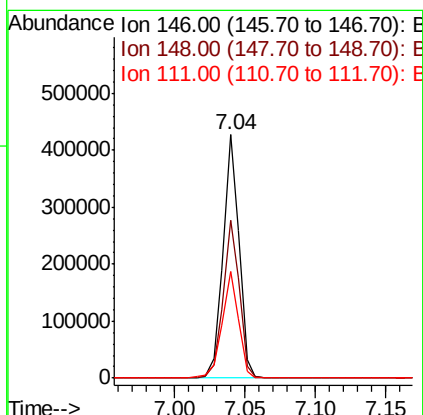
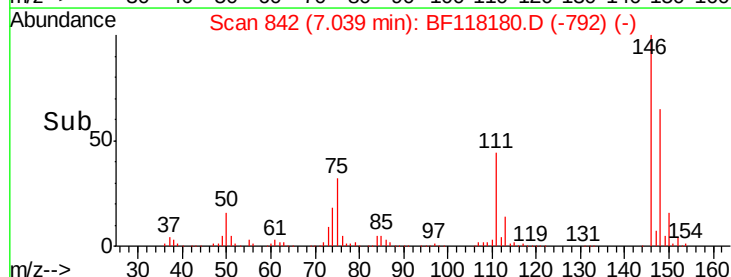
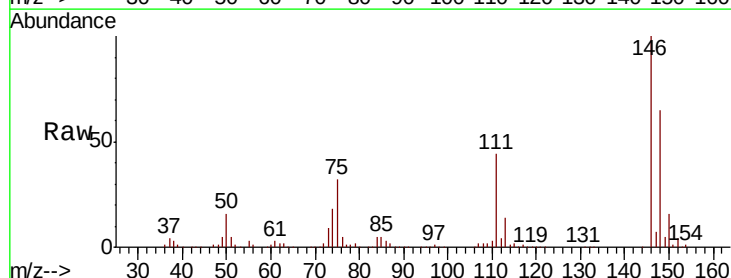
Instrument :
 BNA_F
 ClientSampled :

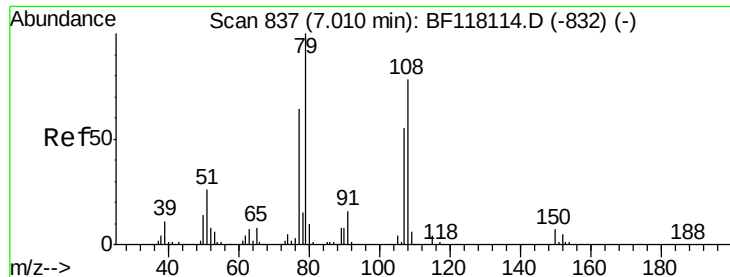
Tot Ion:146 Resp: 359651
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 42.3 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 42.031 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion:146 Resp: 336560
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 43.9 33.1 49.7





#15

Benzyl Alcohol

Concen: 44.249 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

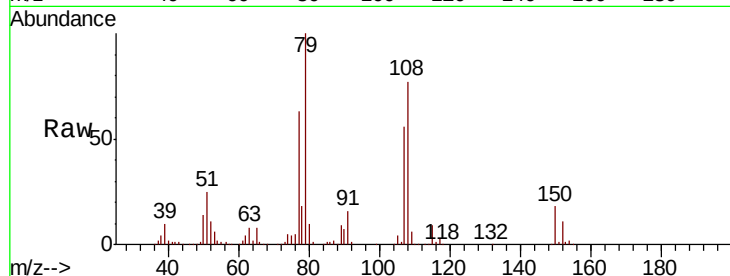
Tot Ion: 79 Resp: 268576

Ion Ratio Lower Upper

79 100

108 77.3 62.7 94.1

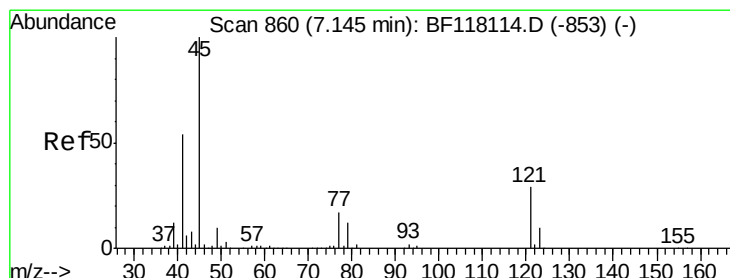
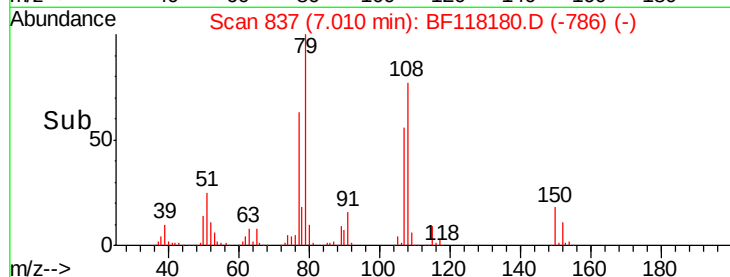
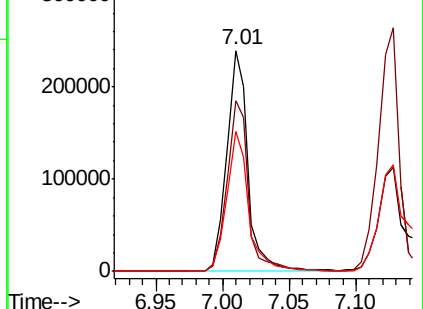
77 63.3 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.452 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

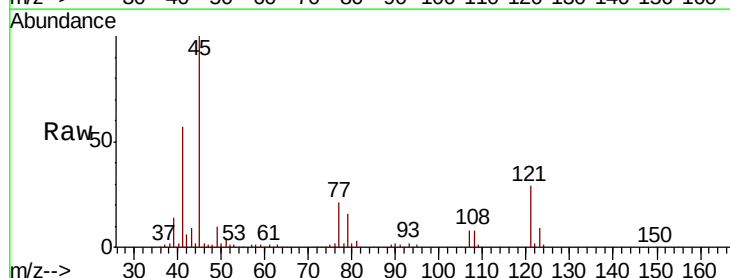
Tgt Ion: 45 Resp: 311933

Ion Ratio Lower Upper

45 100

77 20.7 0.0 38.0

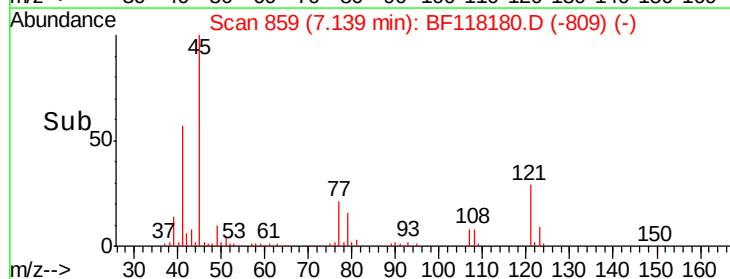
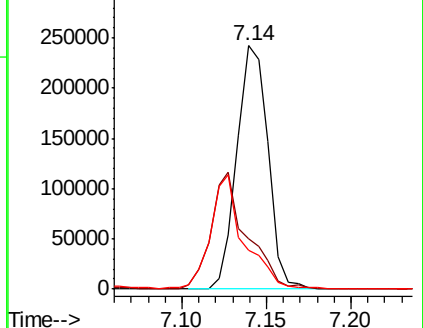
79 15.9 0.0 33.2

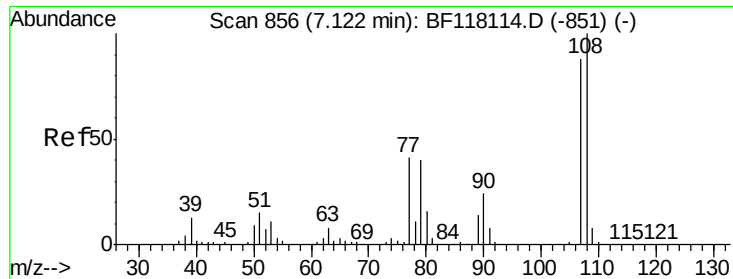


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

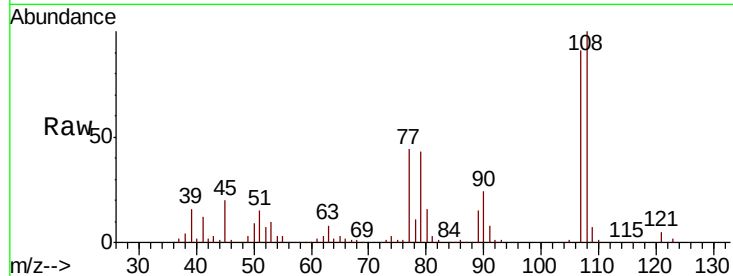




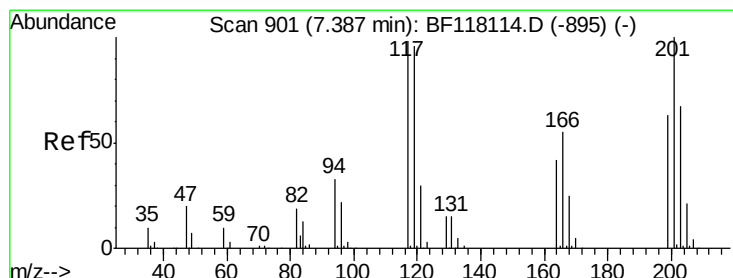
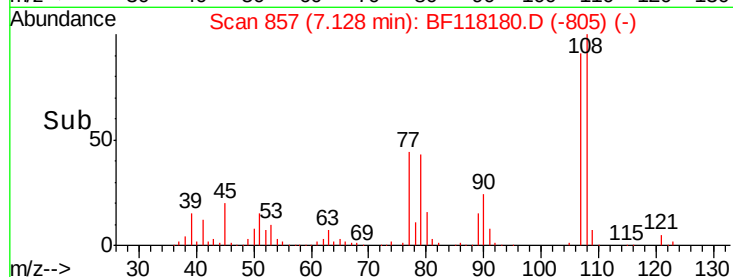
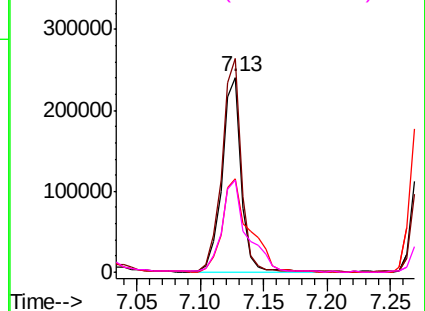
#17
2-Methylphenol
Concen: 44.137 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	254465
Ion	Ratio	Lower	Upper
107	100		
108	109.6	91.1	136.7
77	48.1	37.8	56.6
79	47.0	37.0	55.6

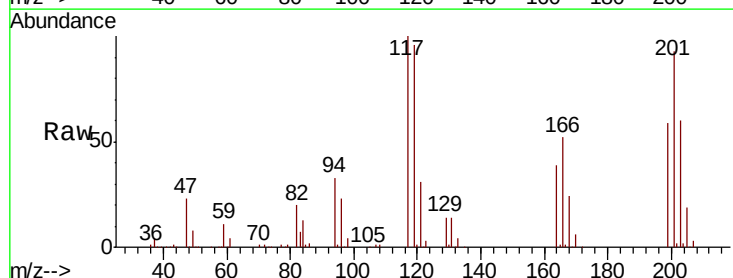


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

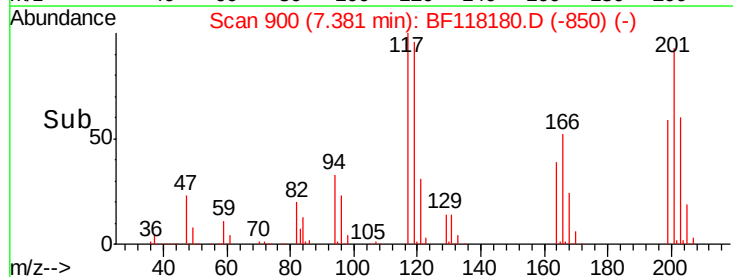
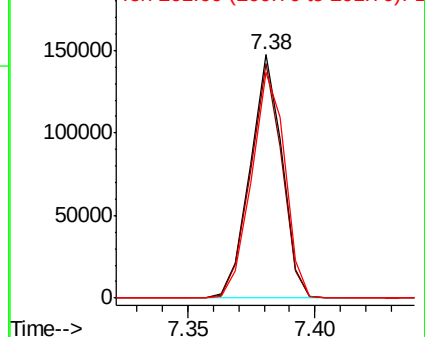


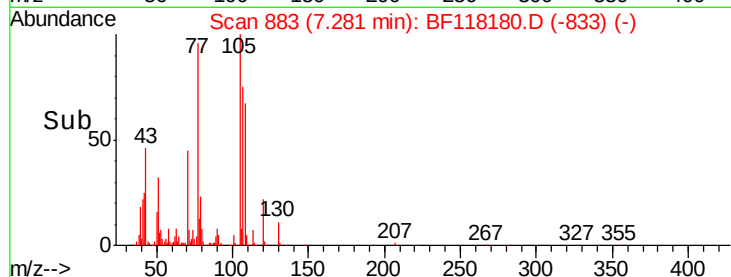
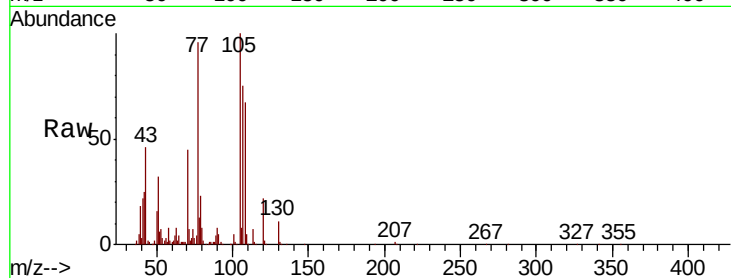
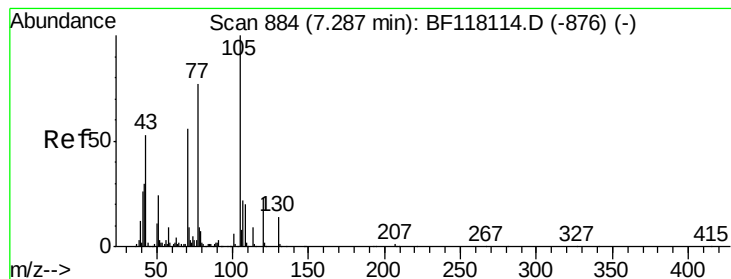
#18
Hexachloroethane
Concen: 41.140 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:	117	Resp:	129258
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.4
201	92.7	81.6	122.4



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.546 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 205746

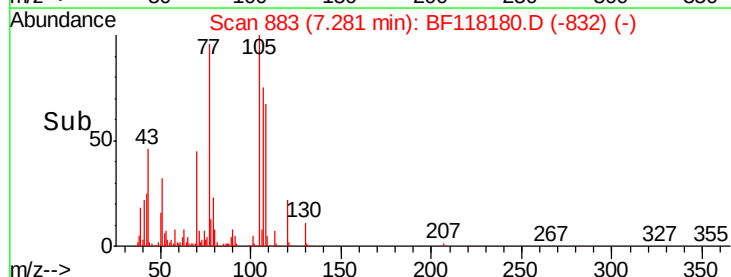
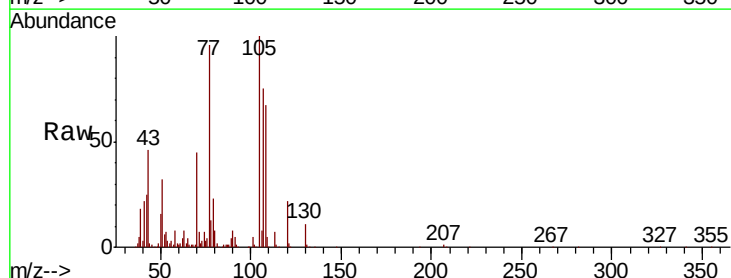
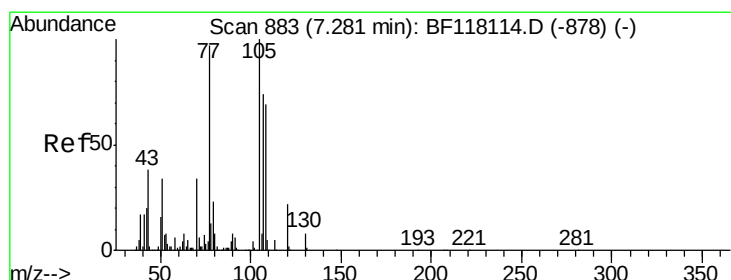
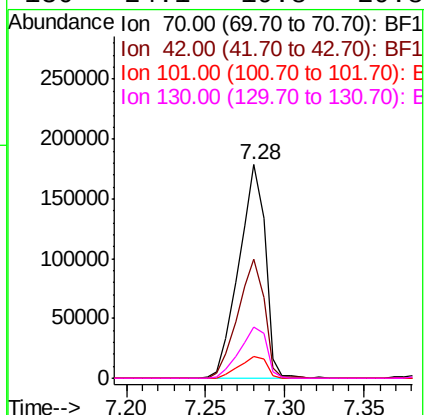
Ion Ratio Lower Upper

70 100

42 55.8 43.2 64.8

101 10.2 8.1 12.1

130 24.1 19.8 29.8



#20

3+4-Methylphenols

Concen: 44.145 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Tgt Ion:107 Resp: 319688

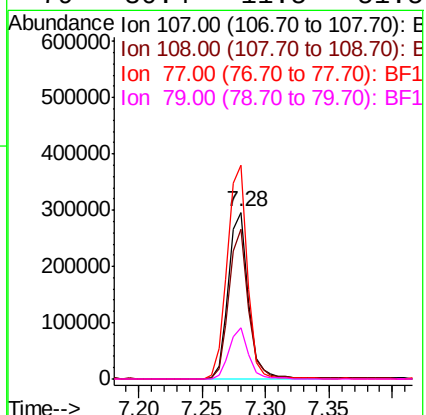
Ion Ratio Lower Upper

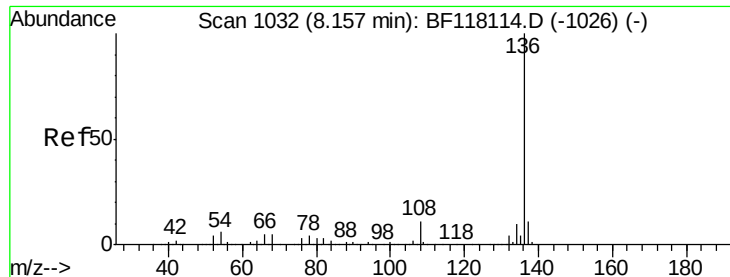
107 100

108 89.5 73.2 113.2

77 127.9 110.9 150.9

79 30.4 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: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 460885

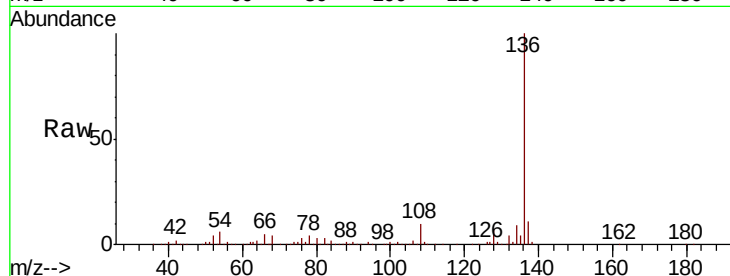
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.0 5.0 7.6

68 4.2 3.8 5.8

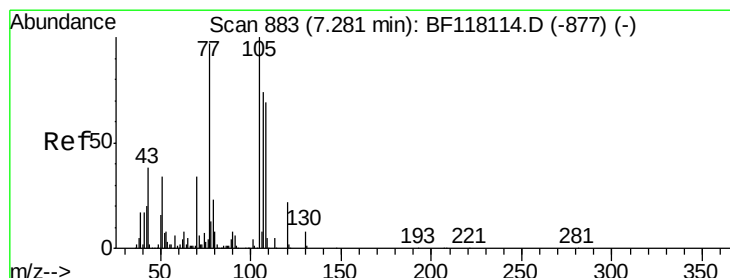
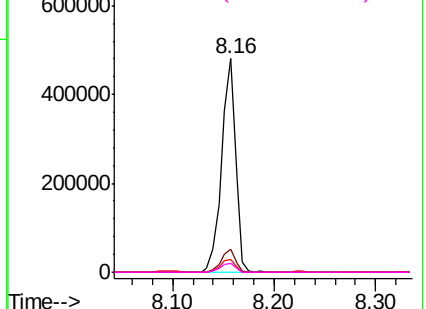
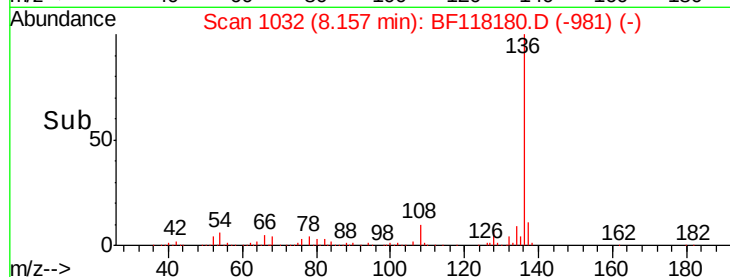


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.869 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Tgt Ion:105 Resp: 430382

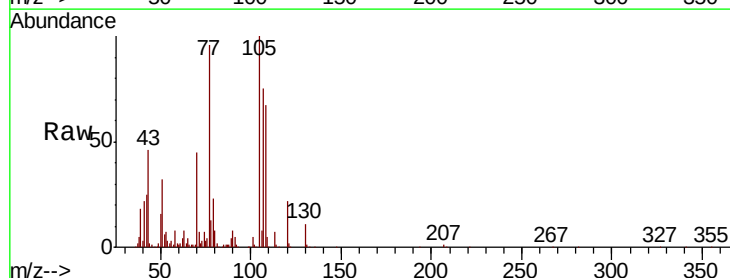
Ion Ratio Lower Upper

105 100

71 7.4 4.7 7.1#

51 31.8 27.1 40.7

120 22.4 17.8 26.6

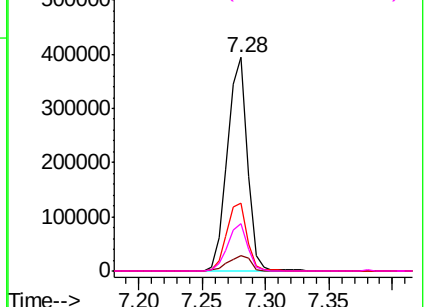
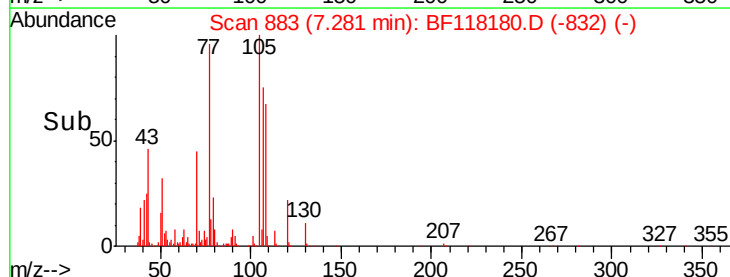


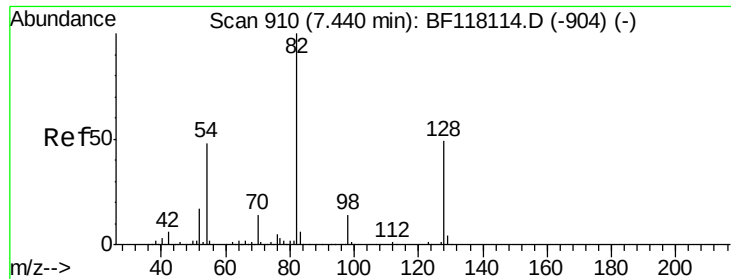
Abundance Ion 105.00 (104.70 to 105.70): E

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

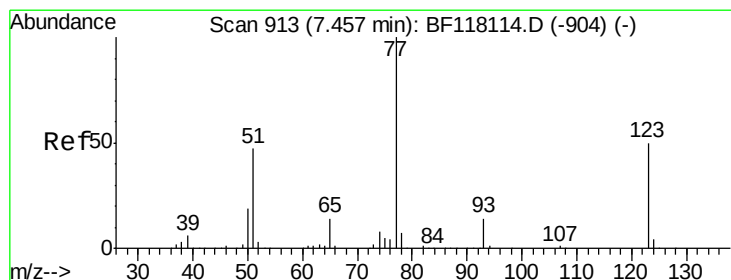
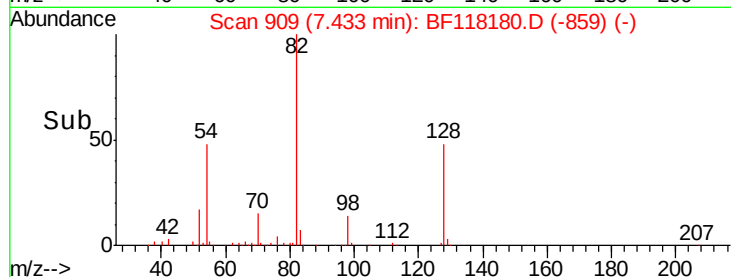
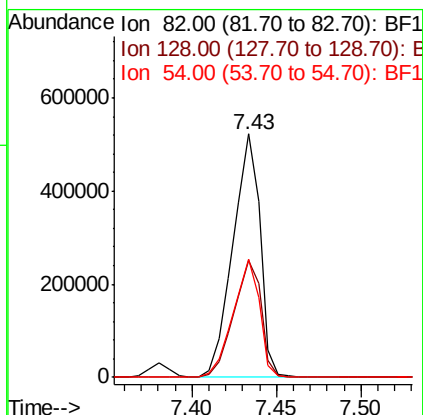
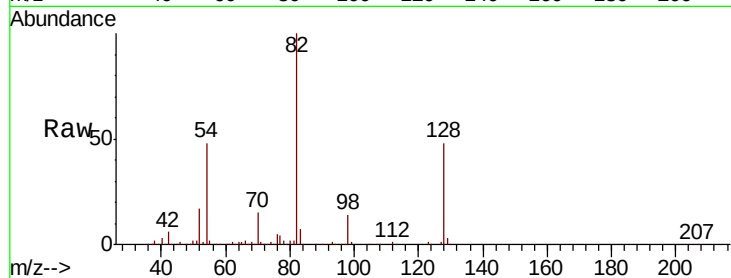




#23
 Nitrobenzene-d5
 Concen: 71.512 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

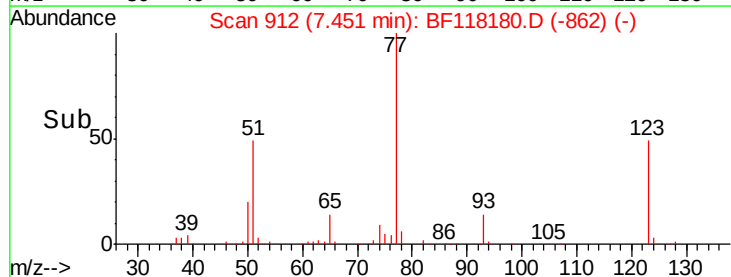
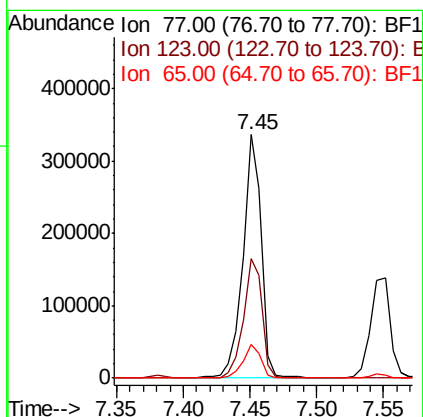
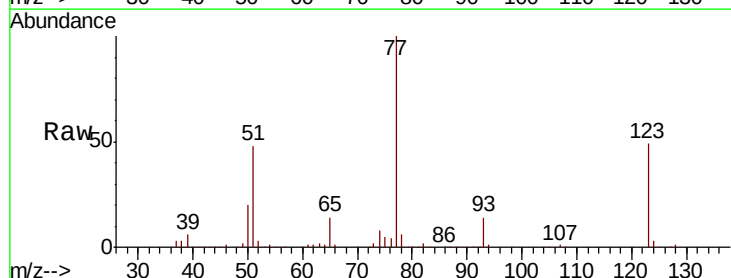
Instrument :
 BNA_F
 ClientSampleId :

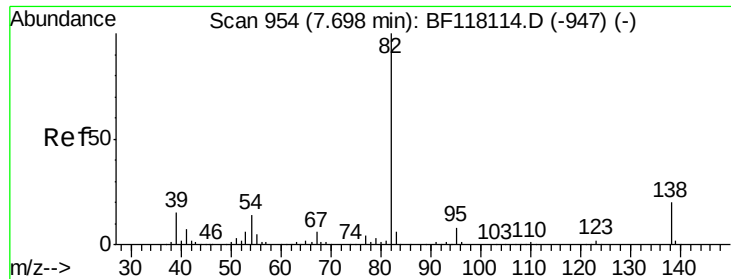
Tot Ion	82.00	Resp	585853
Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.1	58.7
54	48.3	38.2	57.2



#24
 Nitrobenzene
 Concen: 39.226 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion	77.00	Resp	315730
Ion	Ratio	Lower	Upper
77	100		
123	48.9	40.1	60.1
65	13.7	10.9	16.3





#25

Isophorone

Concen: 41.152 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

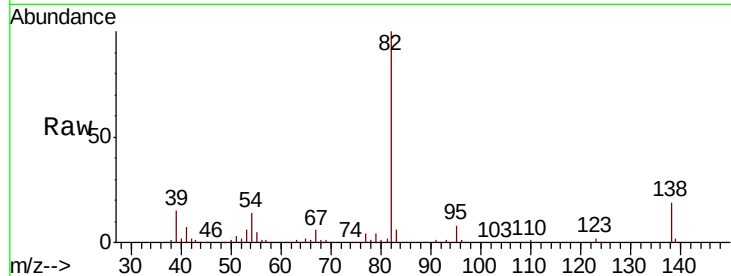
Tot Ion: 82 Resp: 571518

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

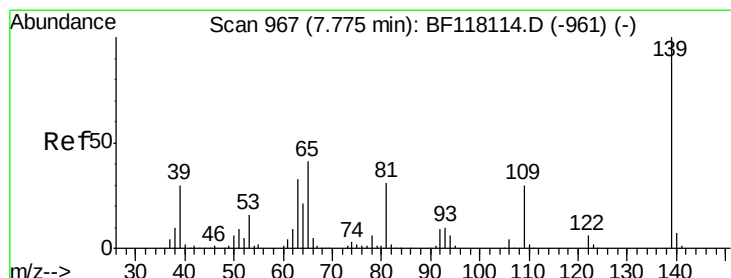
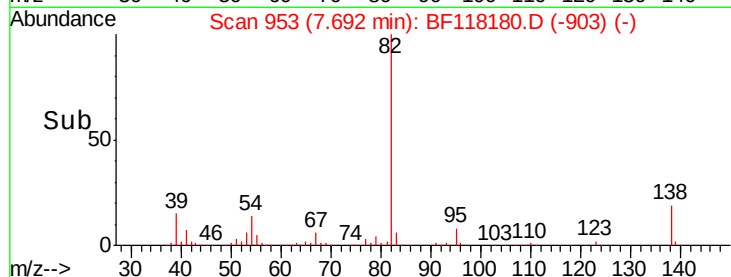
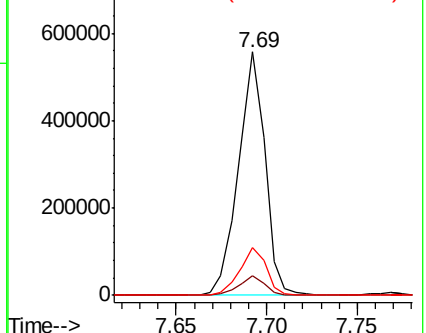
138 19.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.738 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

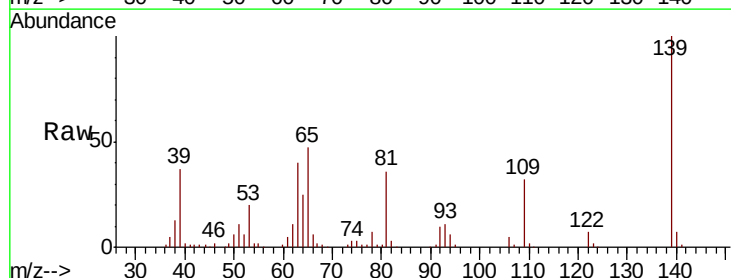
Tgt Ion: 139 Resp: 179560

Ion Ratio Lower Upper

139 100

109 31.9 23.9 35.9

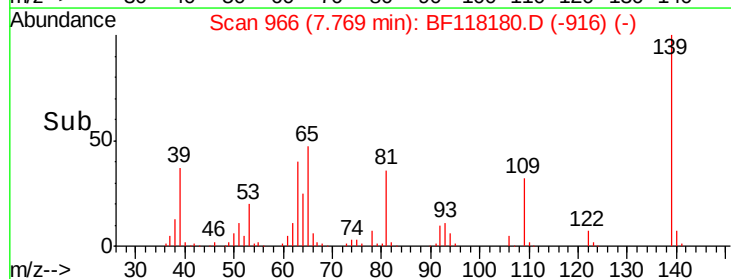
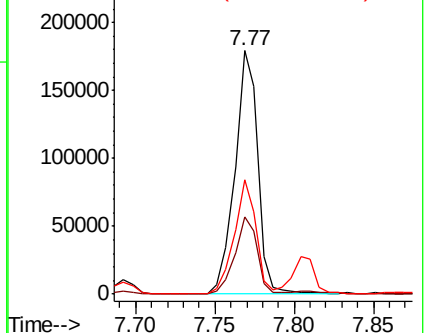
65 46.9 33.0 49.6

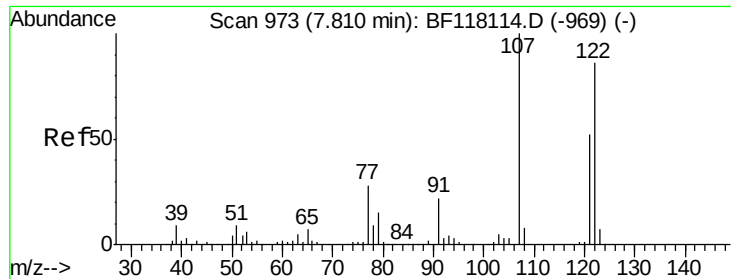


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

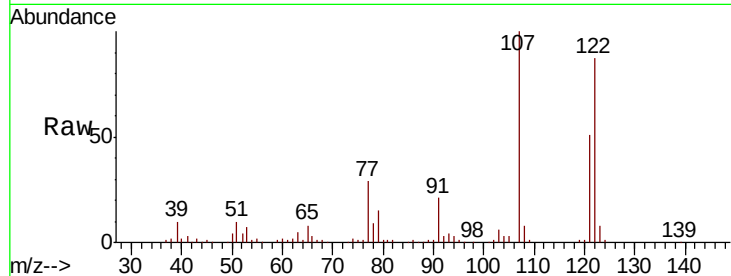




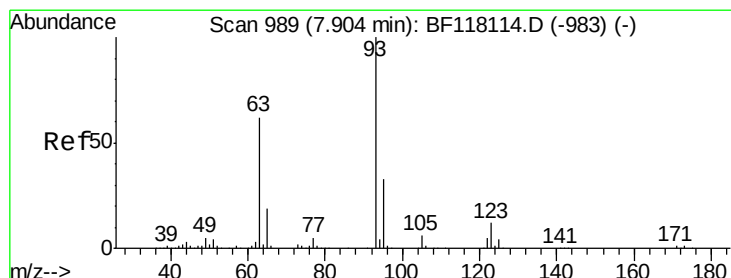
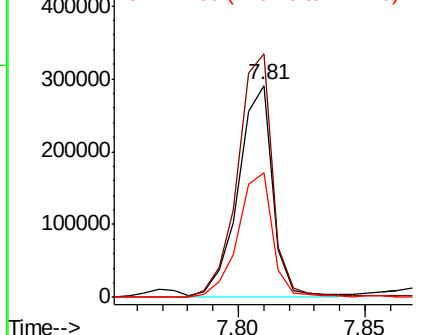
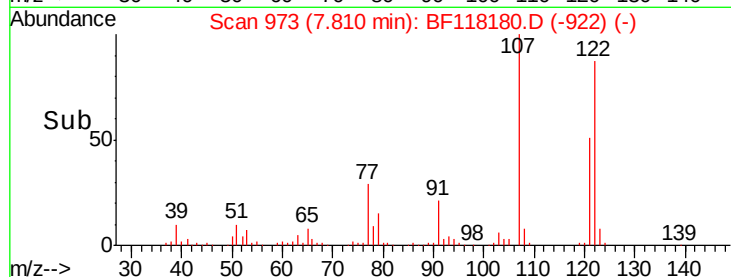
#27
 2,4-Dimethylphenol
 Concen: 47.753 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 274030
 Ion Ratio Lower Upper
 122 100
 107 115.1 92.9 139.3
 121 58.9 48.3 72.5

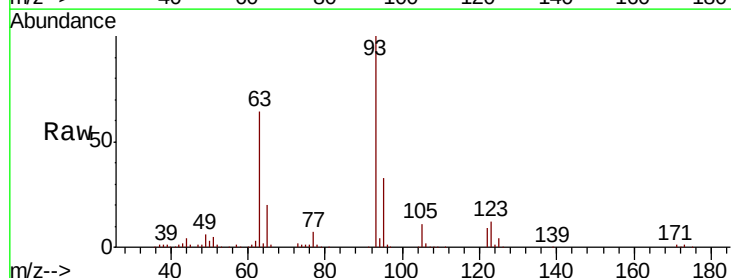


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

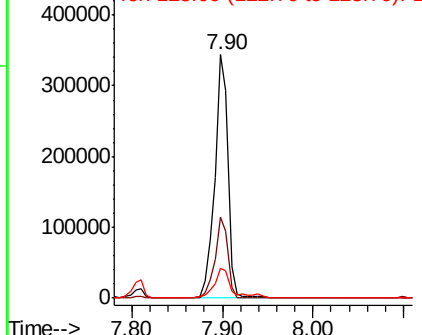
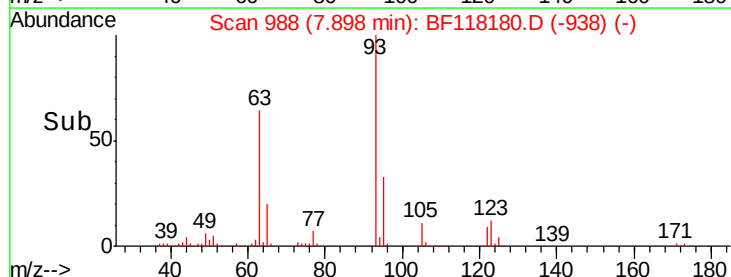


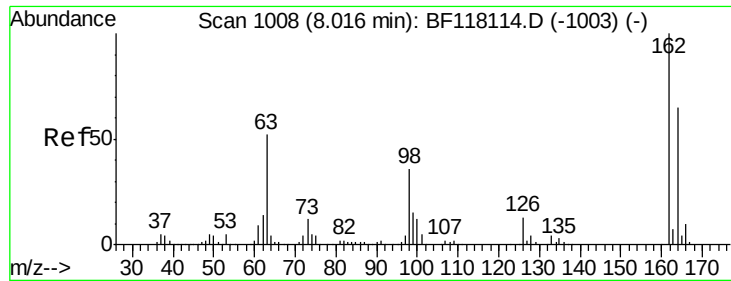
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.426 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion: 93 Resp: 348708
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.7 40.1
 123 12.4 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

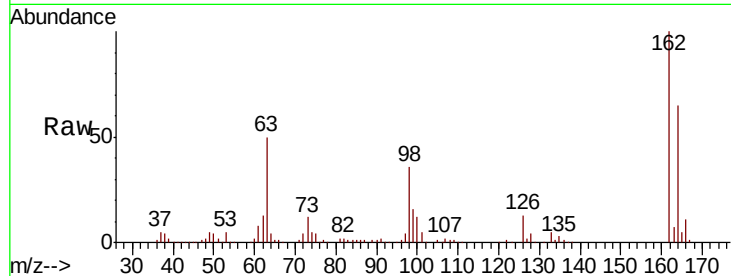




#29
 2,4-Dichlorophenol
 Concen: 40.292 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	35.5	15.9	55.9

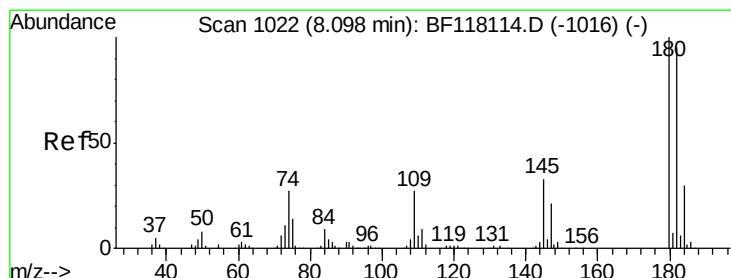
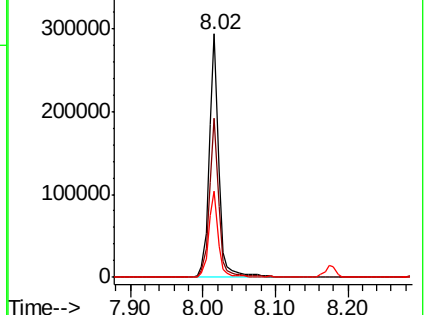
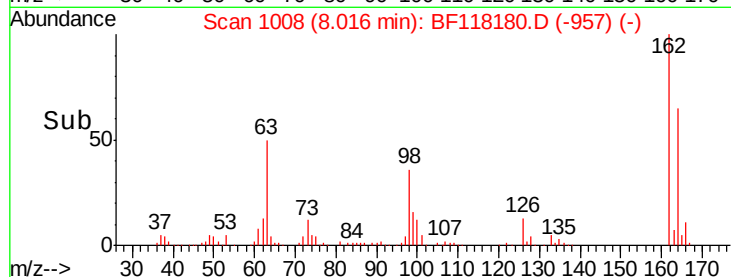


Abundance

Ion 162.00 (161.70 to 162.70): E

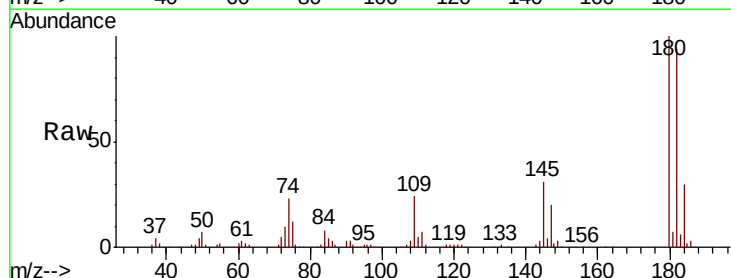
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.499 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	31.0	26.1	39.1

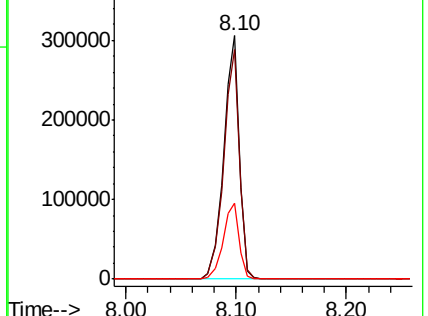
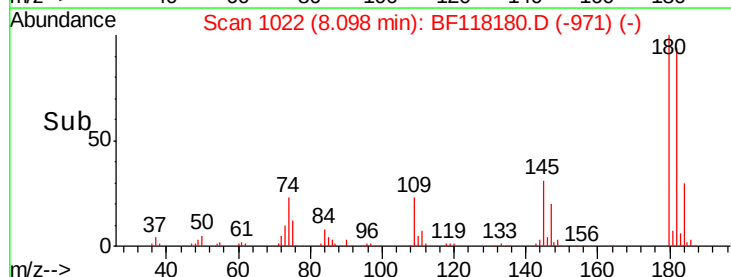


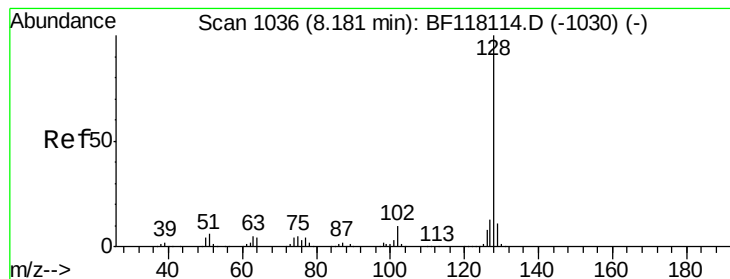
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.828 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

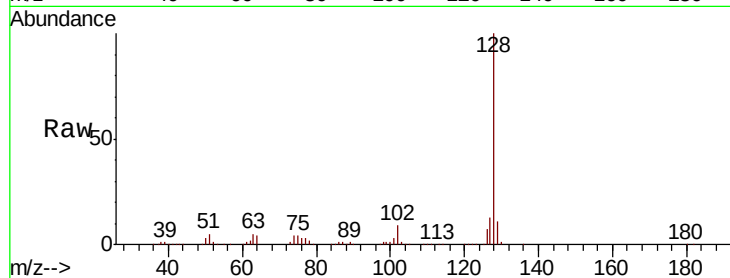
Tot Ion:128 Resp: 945023

Ion Ratio Lower Upper

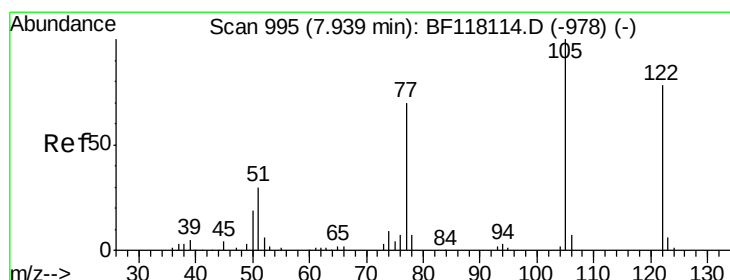
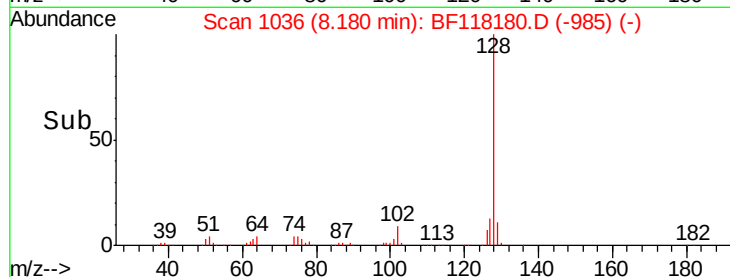
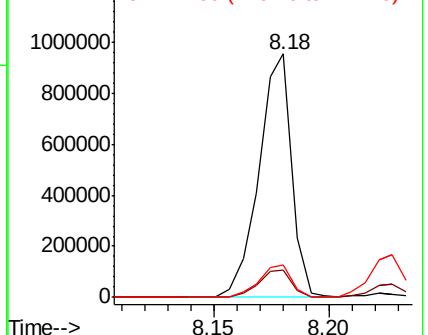
128 100

129 11.0 9.1 13.7

127 13.3 10.6 16.0



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



#32

Benzoic acid

Concen: 39.425 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

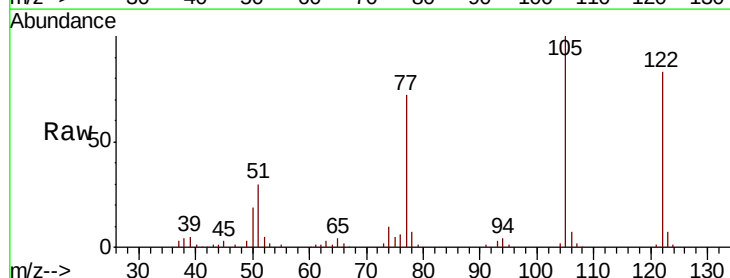
Tgt Ion:122 Resp: 204271

Ion Ratio Lower Upper

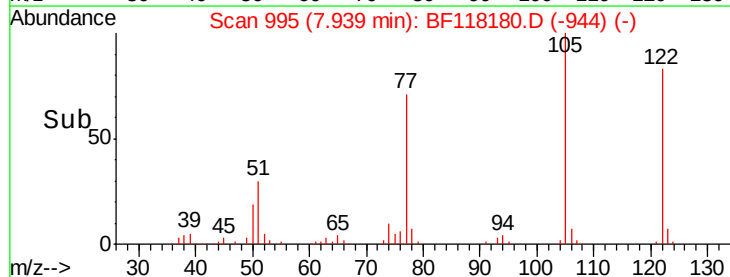
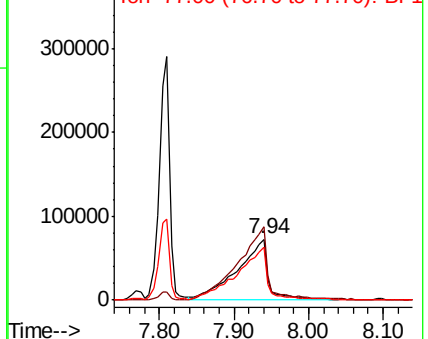
122 100

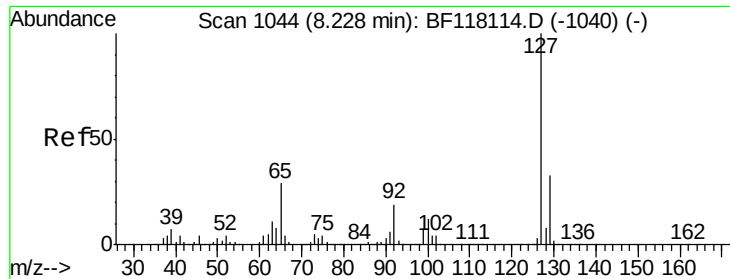
105 120.2 104.7 144.7

77 86.5 69.1 109.1



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

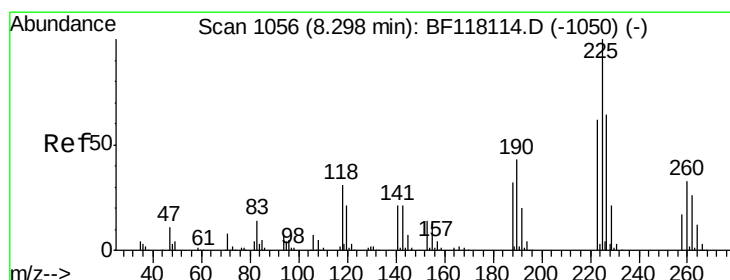
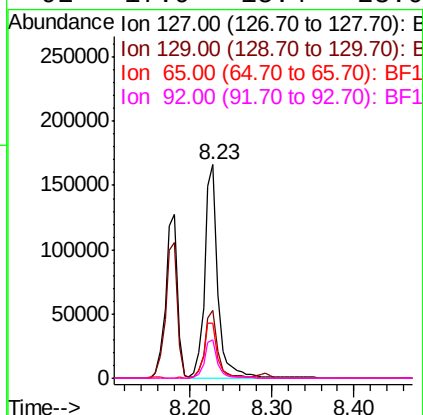
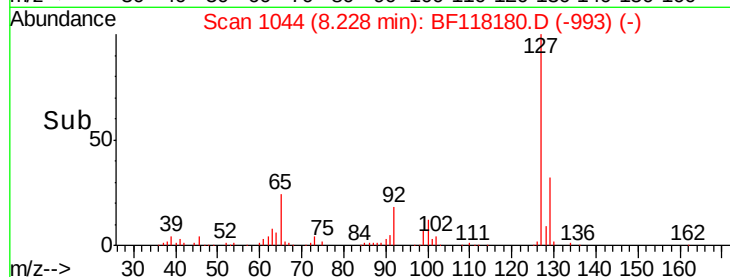
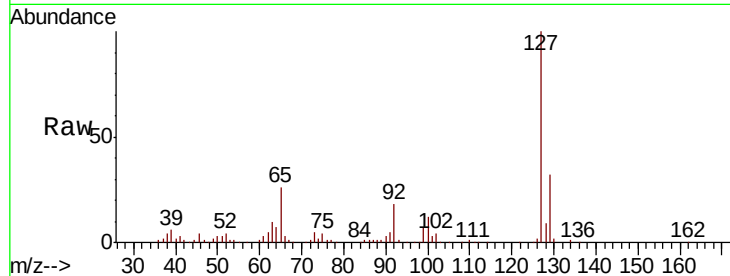




#33
 4-Chloroaniline
 Concen: 18.808 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

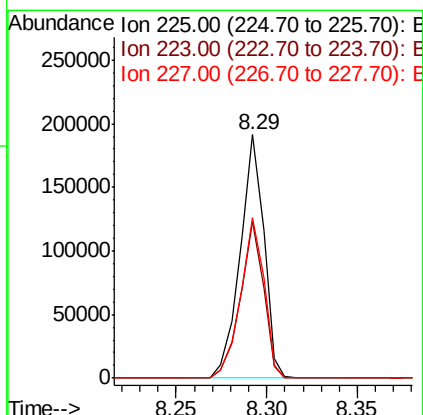
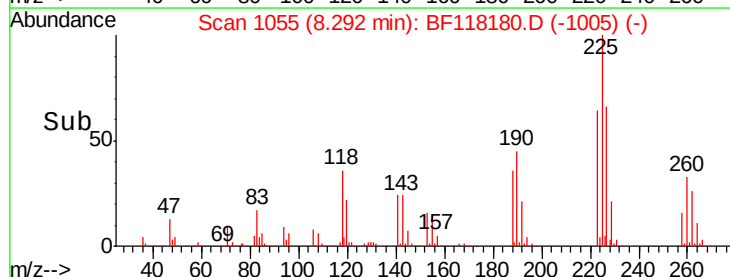
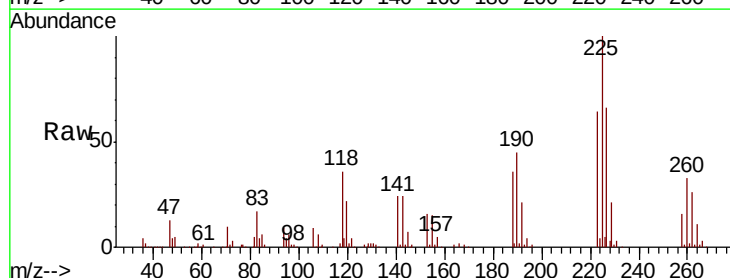
Instrument :
 BNA_F
 ClientSampleId :

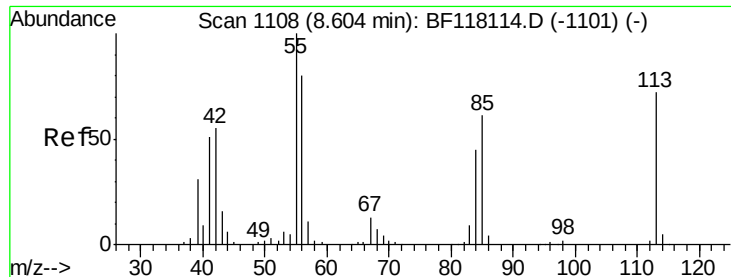
Tot Ion:	127	Resp:	187974
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	40.0
65	25.7	23.2	34.8
92	17.9	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 37.048 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion:	225	Resp:	173682
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.6	74.4
227	65.9	51.0	76.6

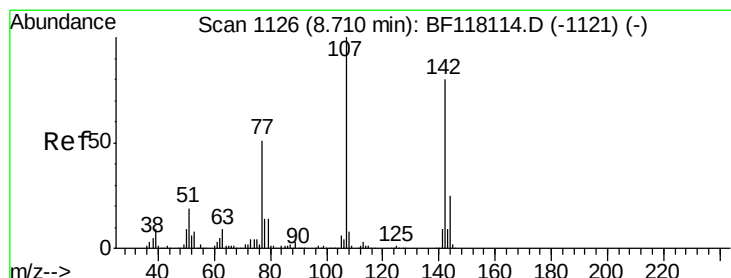
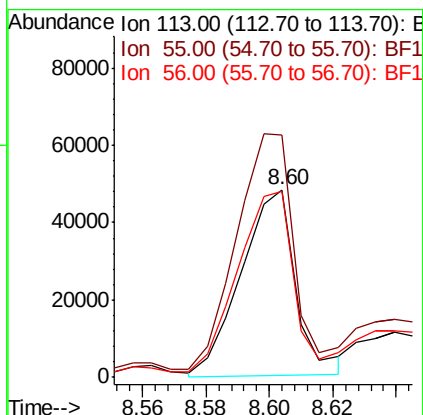
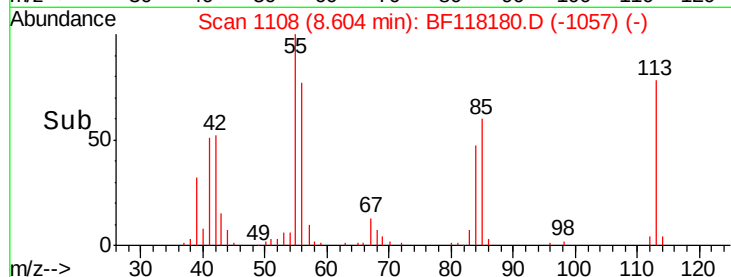
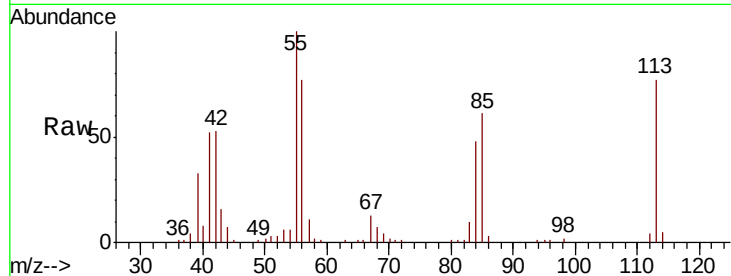




#35
 Caprolactam
 Concen: 27.975 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

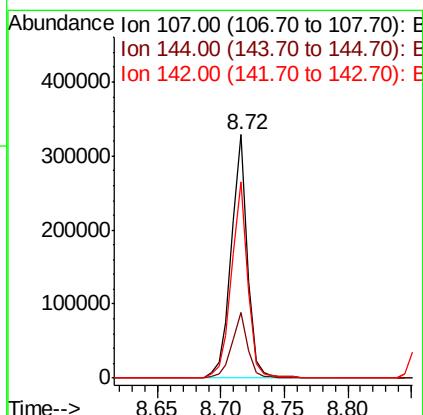
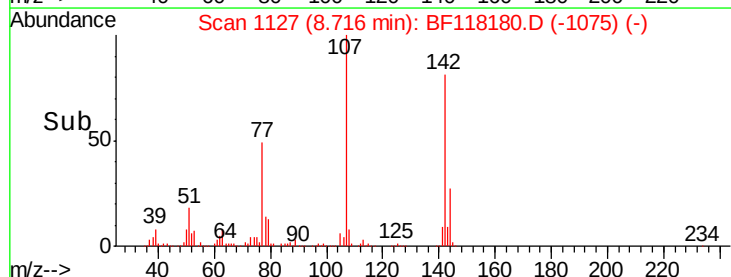
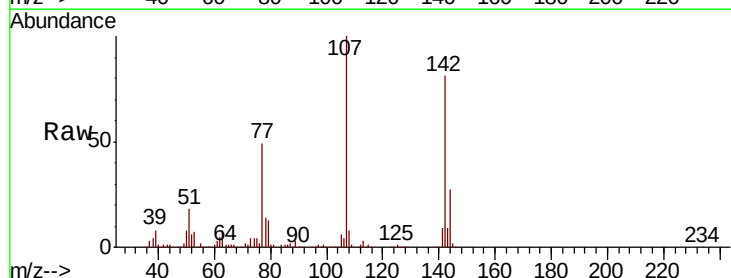
Instrument :
 BNA_F
 ClientSampleId :

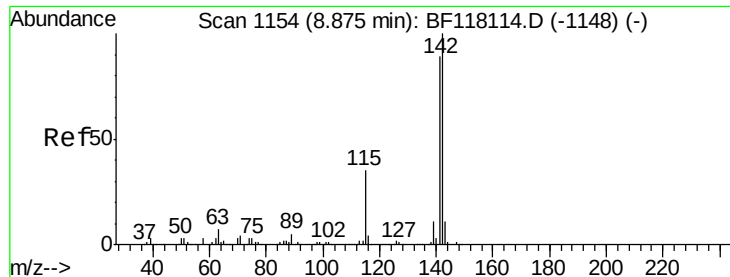
Tot Ion:113 Resp: 57713
 Ion Ratio Lower Upper
 113 100
 55 129.5 118.9 158.9
 56 99.1 91.4 131.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.265 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion:107 Resp: 290509
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.3 30.5
 142 80.6 63.7 95.5

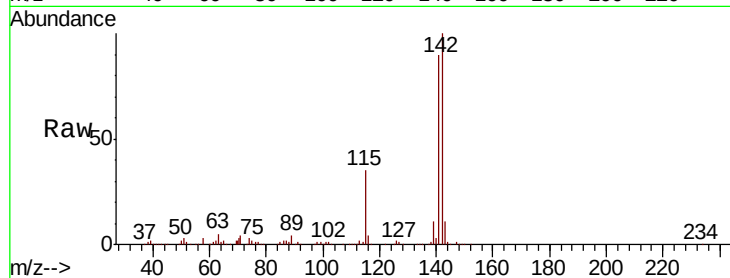




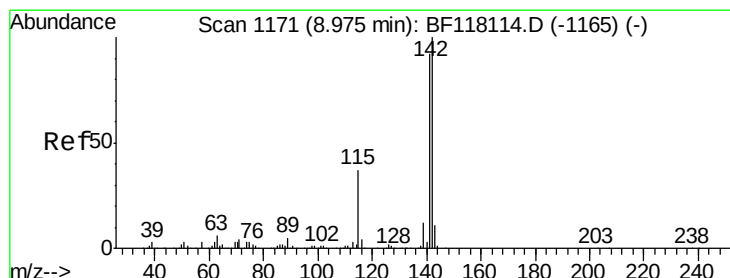
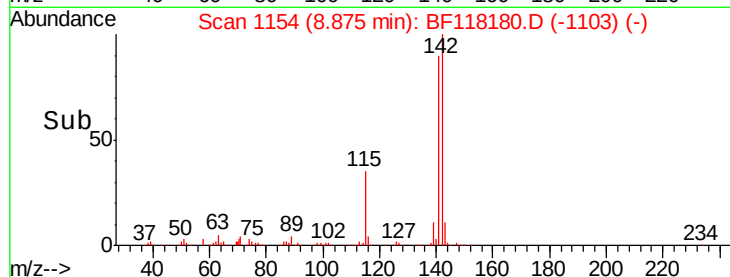
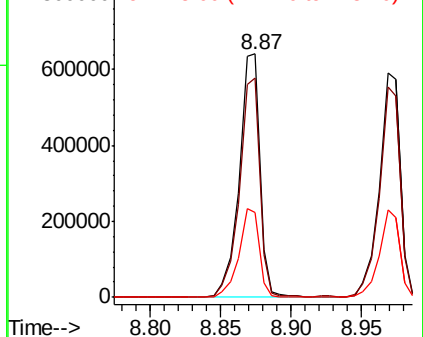
#37
2-Methylnaphthalene
Concen: 41.845 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0
115	35.0	28.2	42.4

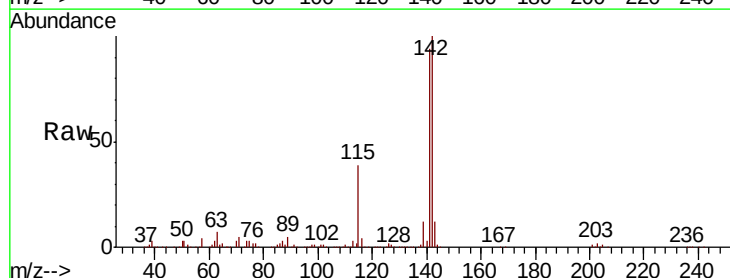


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

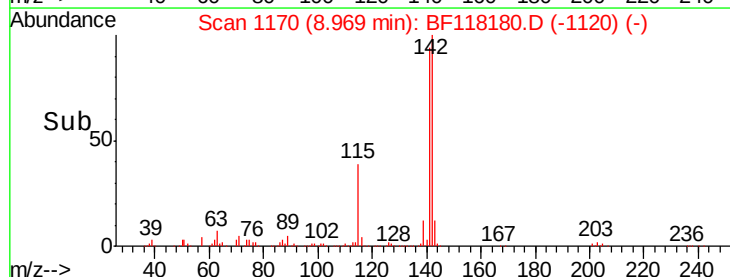
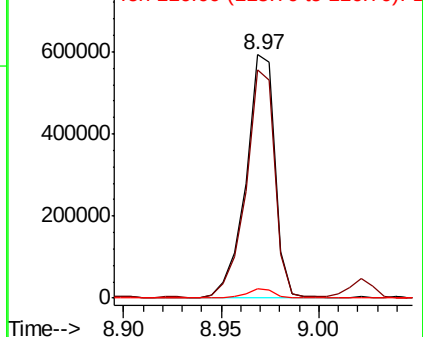


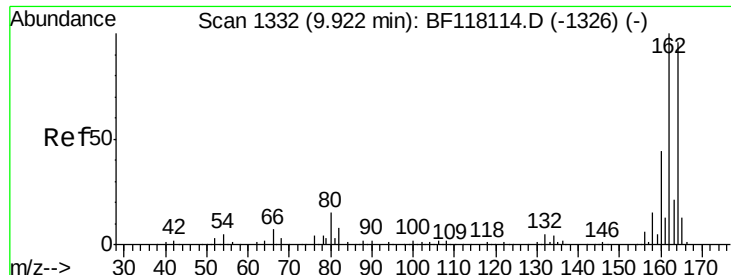
#38
1-Methylnaphthalene
Concen: 41.287 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.0	111.0
116	4.0	3.2	4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

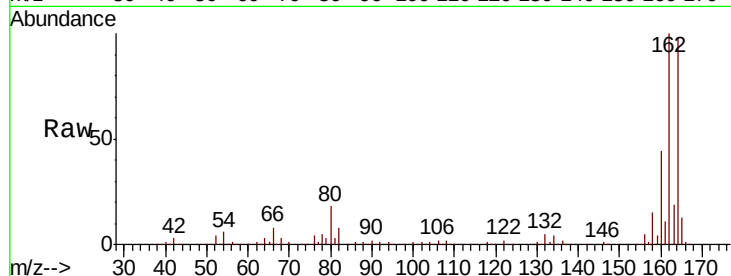




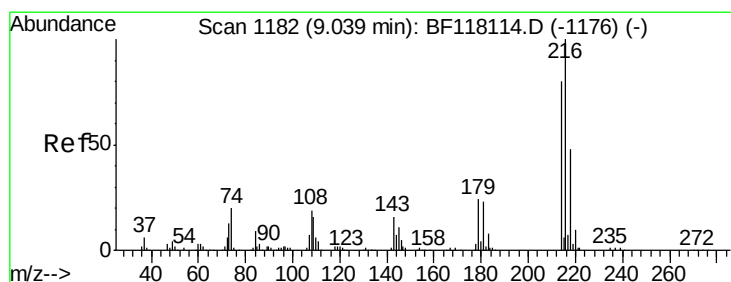
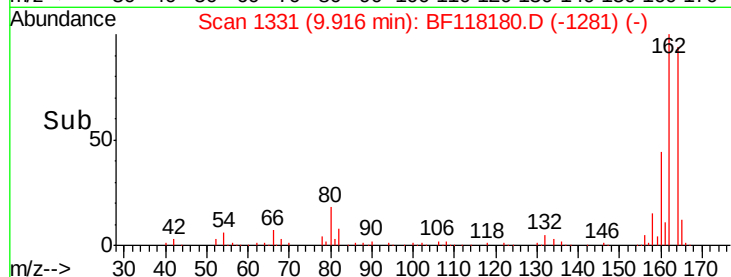
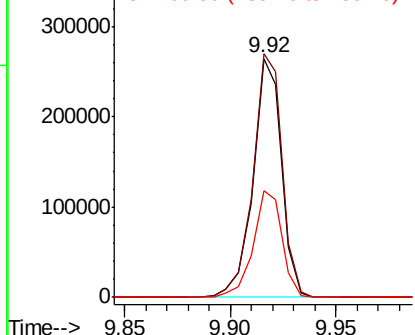
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 248287
Ion Ratio Lower Upper
164 100
162 101.9 83.4 125.0
160 44.4 36.6 54.8

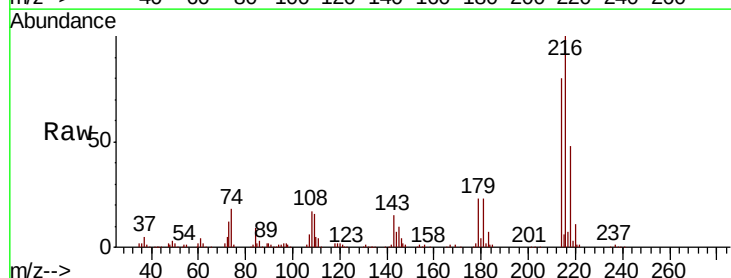


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

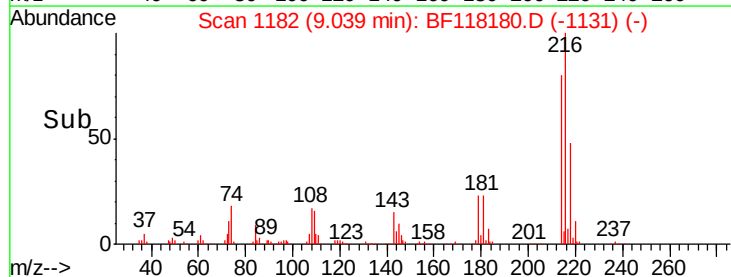
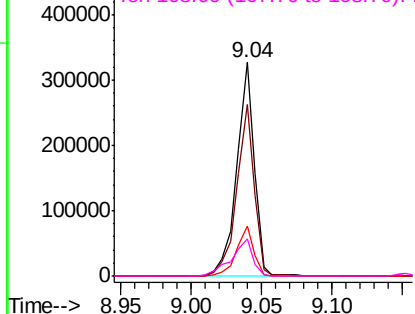


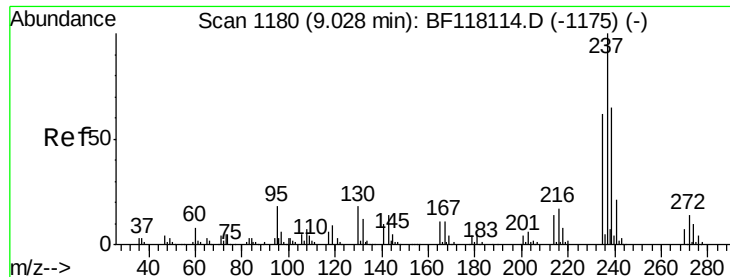
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.709 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:216 Resp: 283626
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.2
179 22.7 18.6 27.8
108 21.1 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: 94.289 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

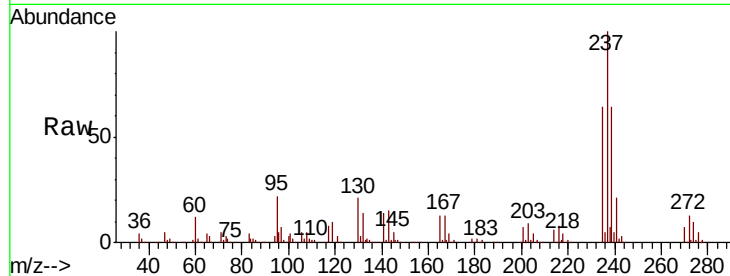
Tot Ion:237 Resp: 317755

Ion Ratio Lower Upper

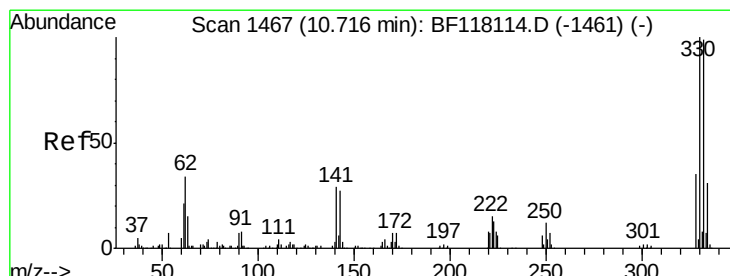
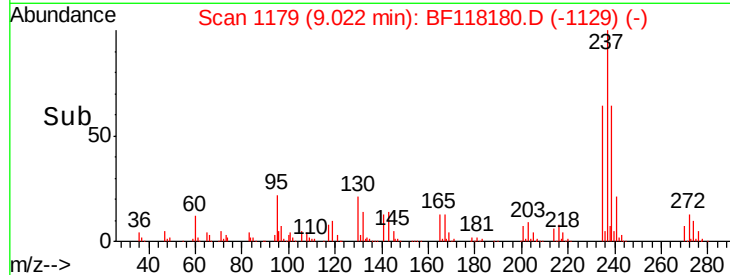
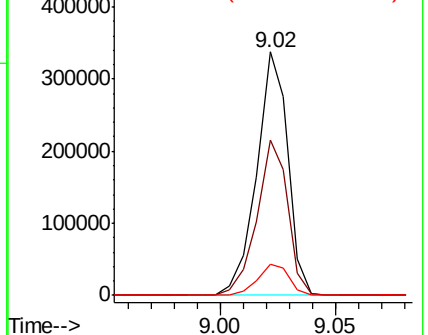
237 100

235 64.0 41.5 81.5

272 12.9 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: 107.896 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

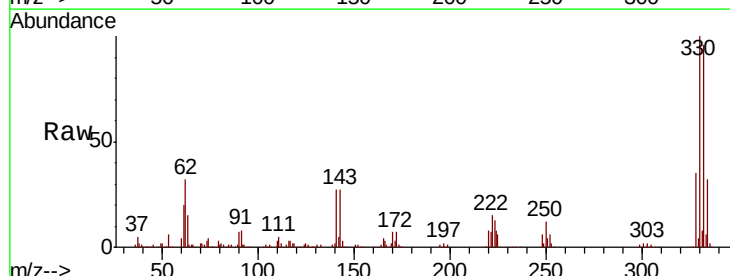
Tgt Ion:330 Resp: 325440

Ion Ratio Lower Upper

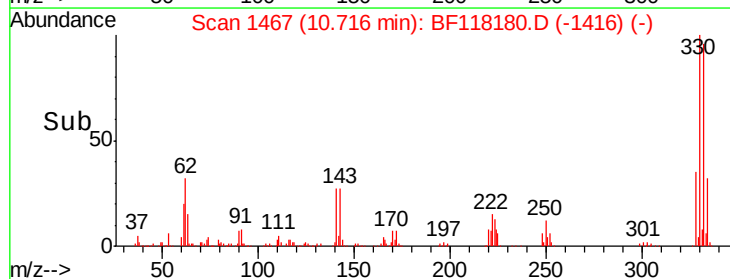
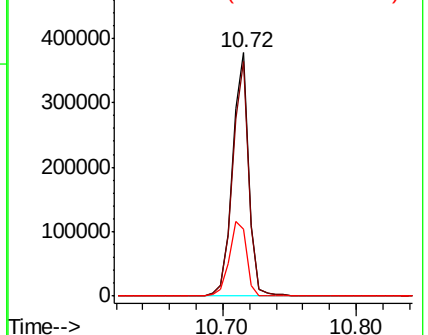
330 100

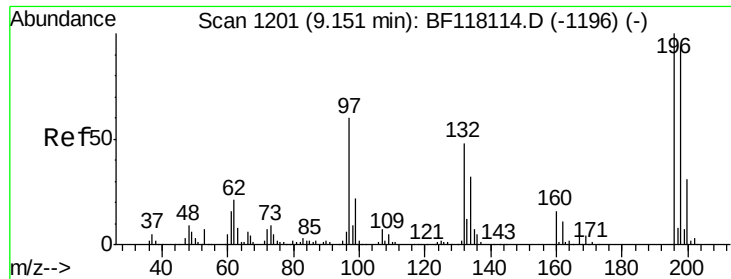
332 96.5 78.1 117.1

141 33.3 26.9 40.3



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

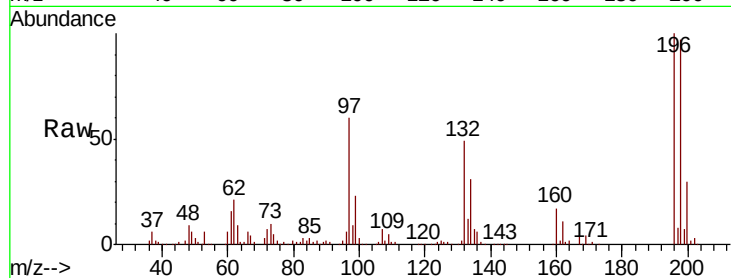




#43
2,4,6-Trichlorophenol
Concen: 39.292 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	196	Resp	197325
Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.0	112.4
200	30.4	24.5	36.7

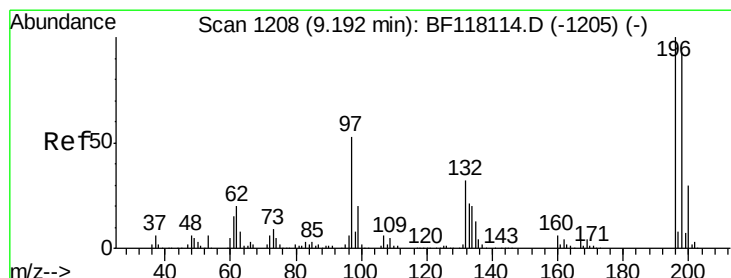
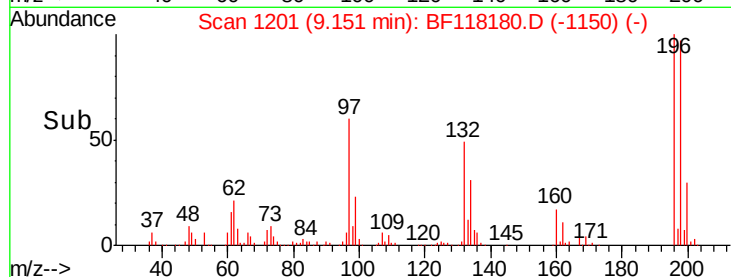
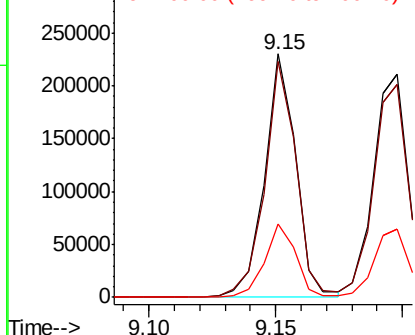


Abundance

Ion 196.00 (195.70 to 196.70): E

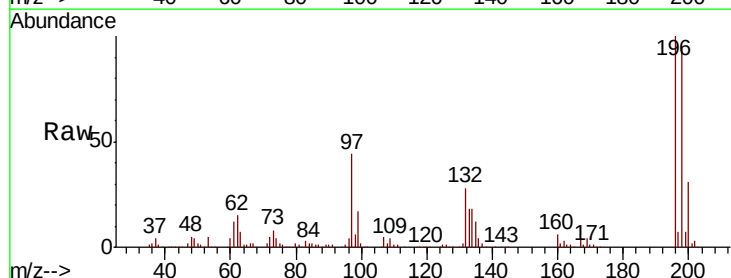
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 41.427 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion	196	Resp	215545
Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.2	111.4
97	44.3	42.5	63.7
132	27.6	25.4	38.2



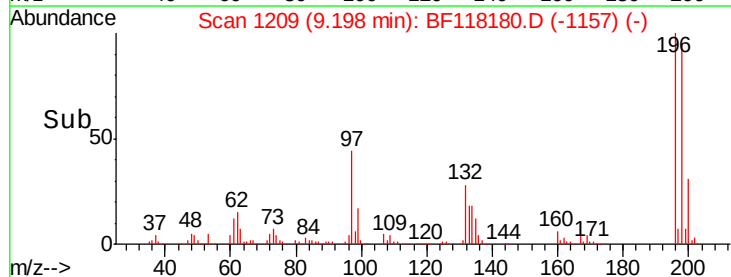
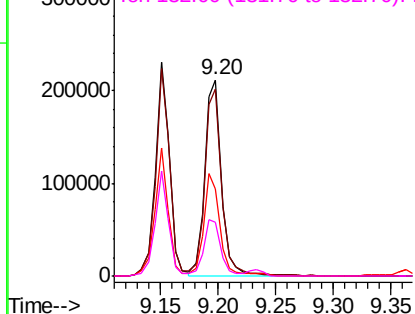
Abundance

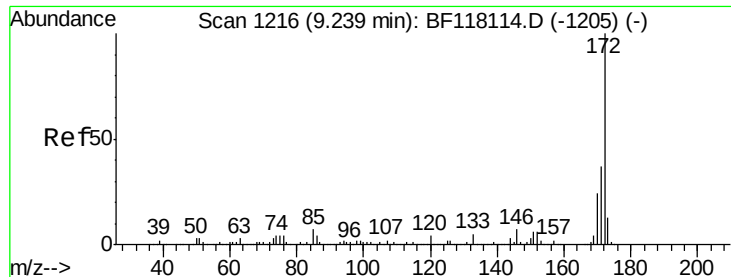
Ion 196.00 (195.70 to 196.70): E

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

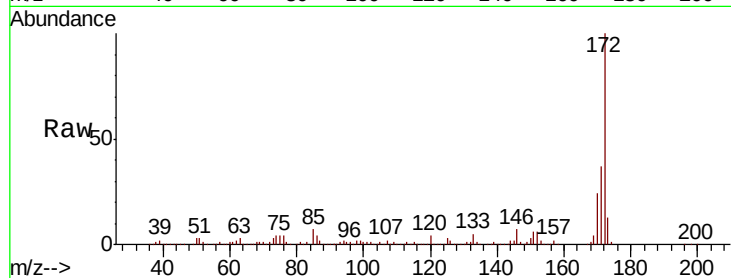




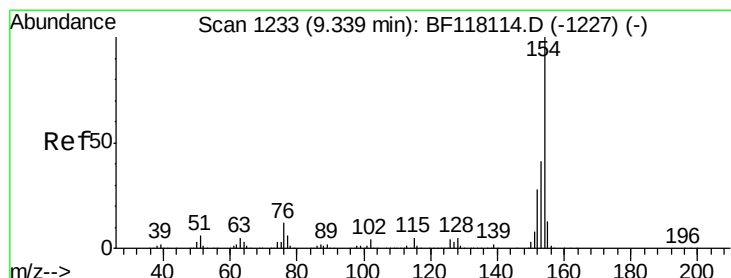
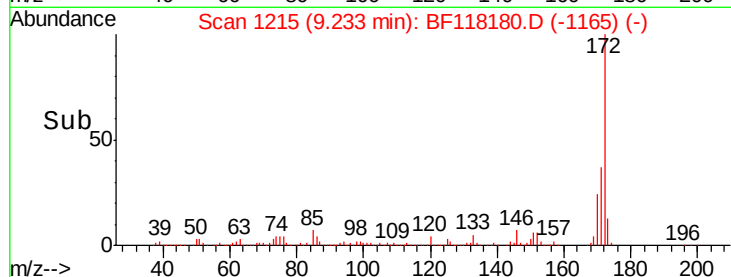
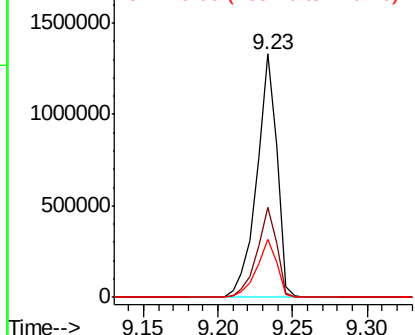
#45
2-Fluorobiphenyl
Concen: 75.314 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1228893
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.0 19.4 29.2

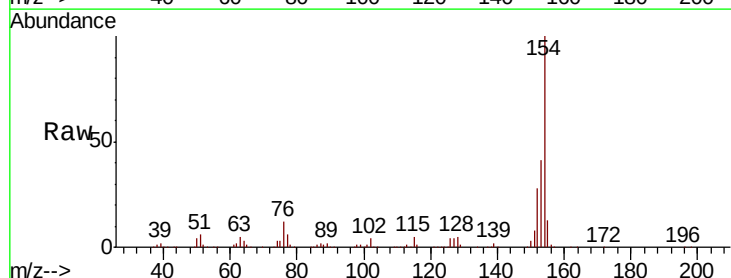


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

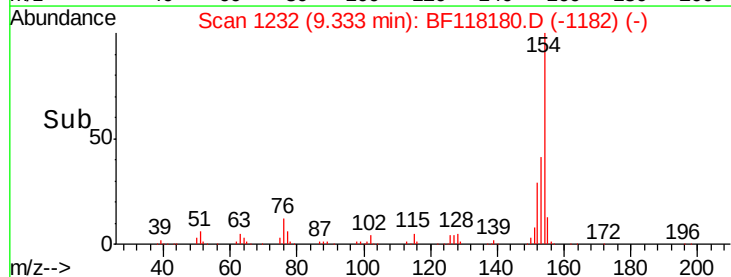
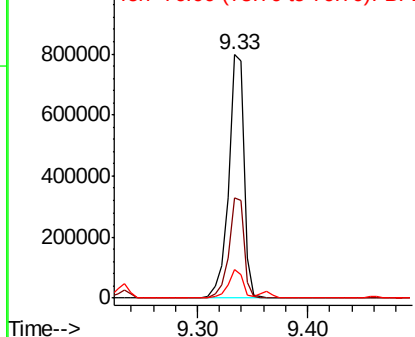


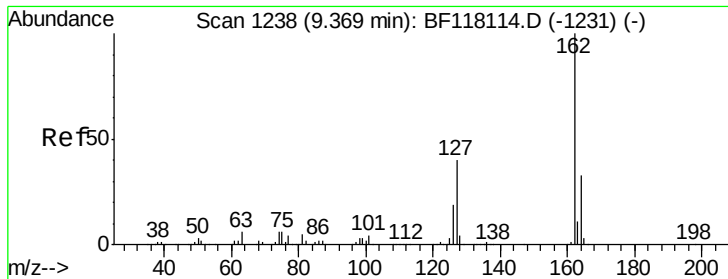
#46
1,1'-Biphenyl
Concen: 39.842 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:154 Resp: 780200
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 11.9 0.0 31.9



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

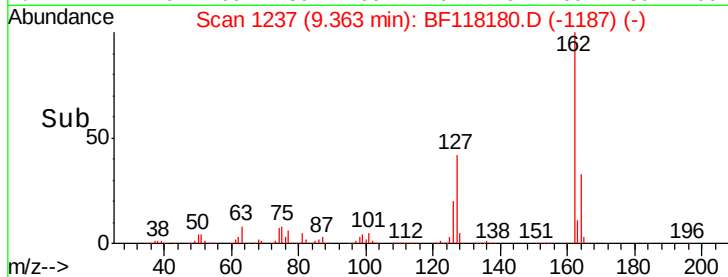
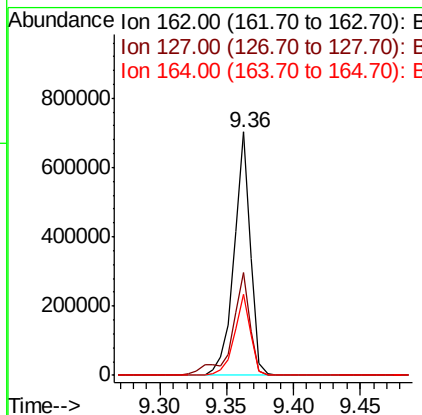
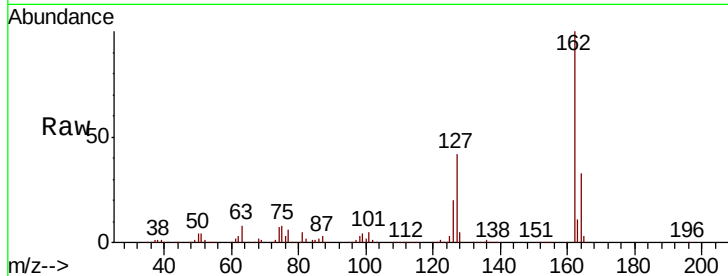




#47
 2-Chloronaphthalene
 Concen: 38.447 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

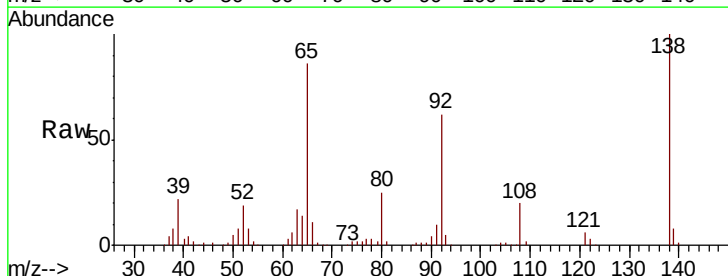
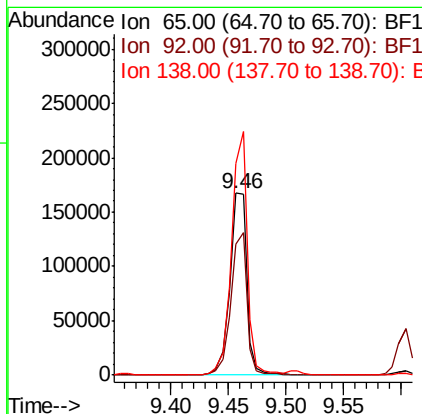
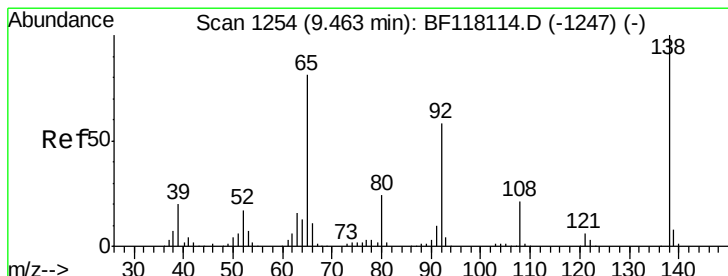
Instrument :
 BNA_F
 ClientSampleId :

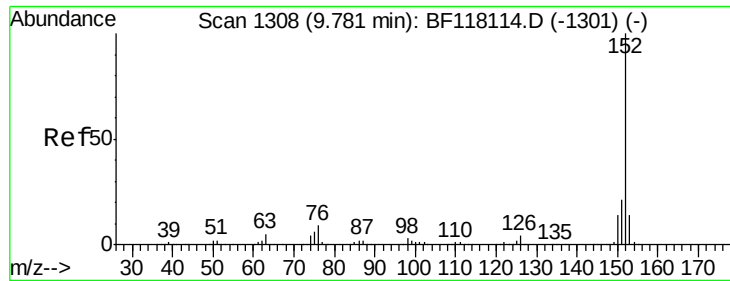
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.0	48.0
164	33.2	26.1	39.1



#48
 2-Nitroaniline
 Concen: 38.295 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.8	86.6
138	116.3	98.8	148.2





#49

Acenaphthylene

Concen: 42.135 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampled :

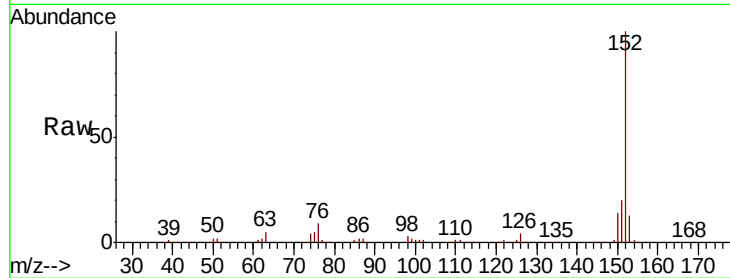
Tot Ion:152 Resp: 978933

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

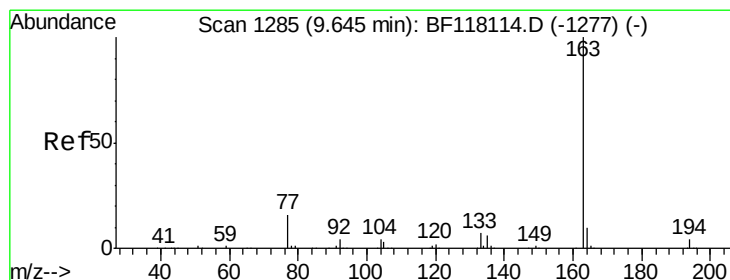
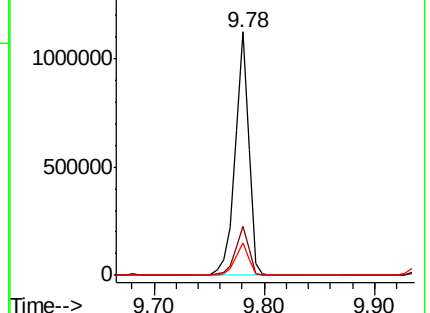
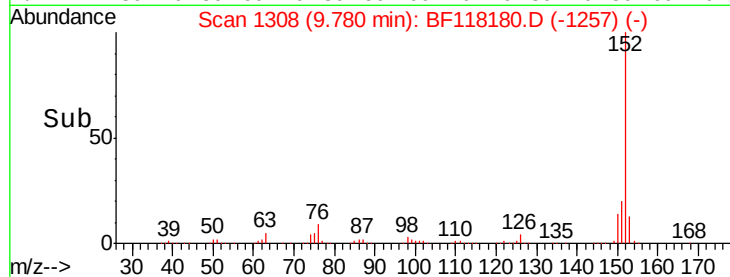
153 13.1 10.8 16.2



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: 39.419 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

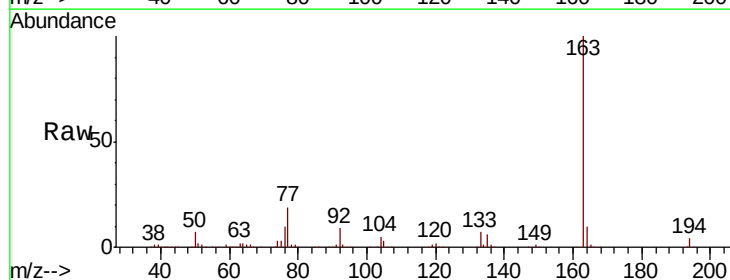
Tgt Ion:163 Resp: 722932

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

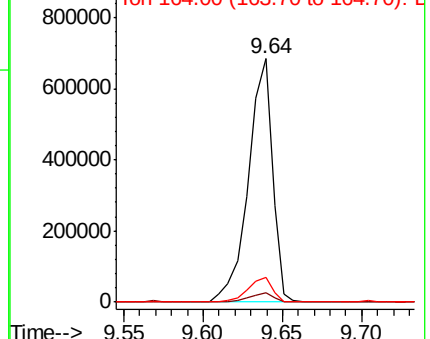
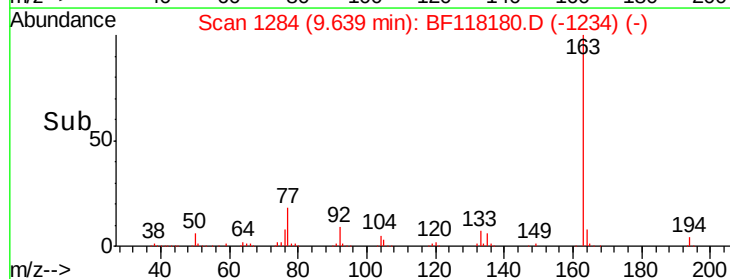
164 10.1 7.7 11.5

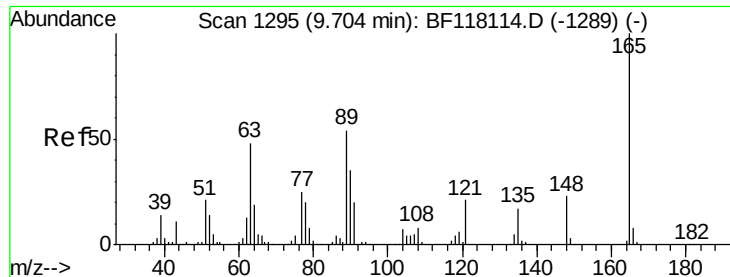


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.567 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampled :

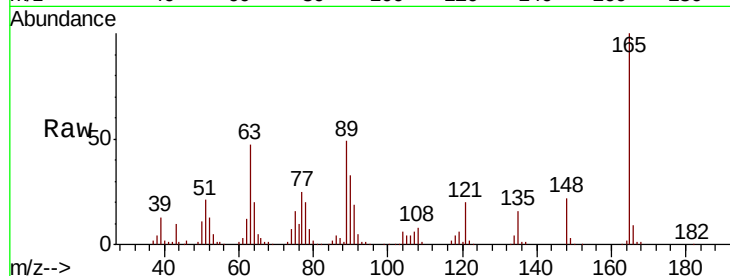
Tot Ion:165 Resp: 161775

Ion Ratio Lower Upper

165 100

63 46.9 41.4 62.0

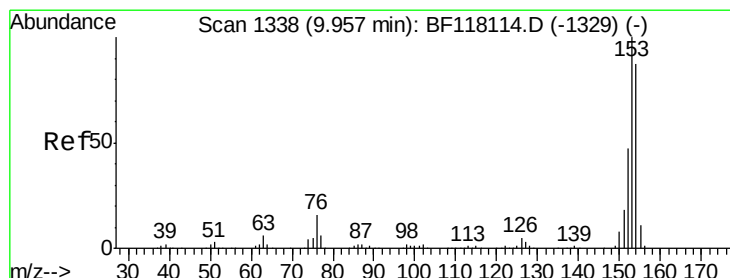
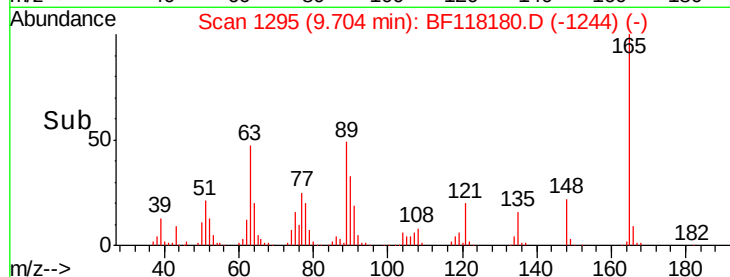
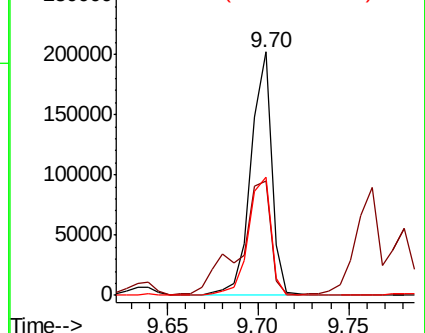
89 48.7 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.537 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

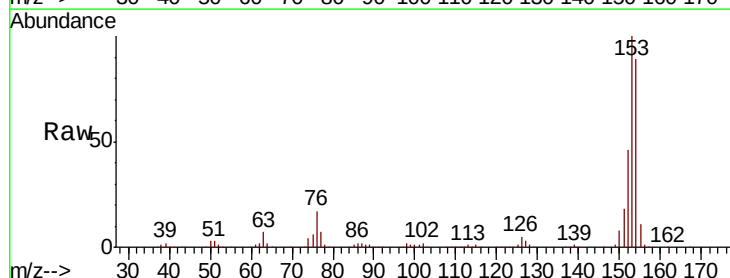
Tgt Ion:154 Resp: 560660

Ion Ratio Lower Upper

154 100

153 112.6 91.8 137.6

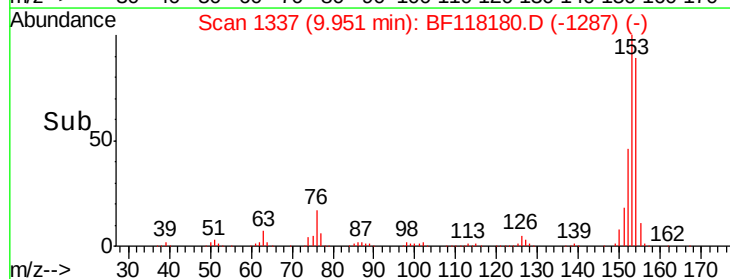
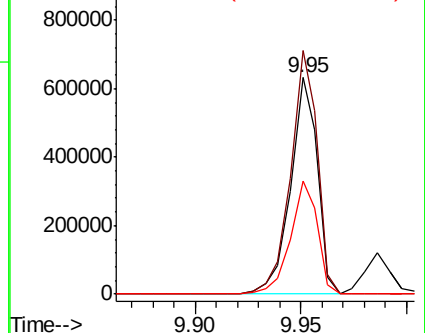
152 52.2 43.3 64.9

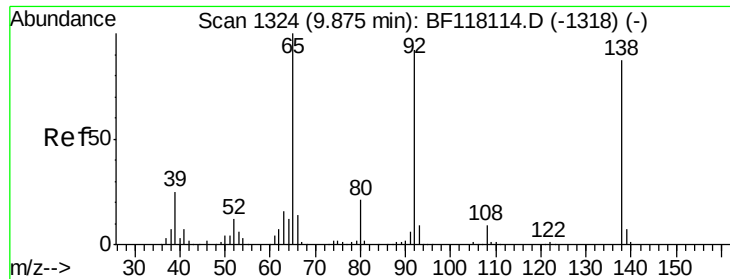


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

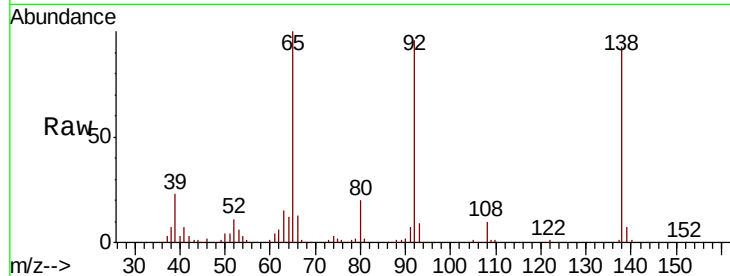




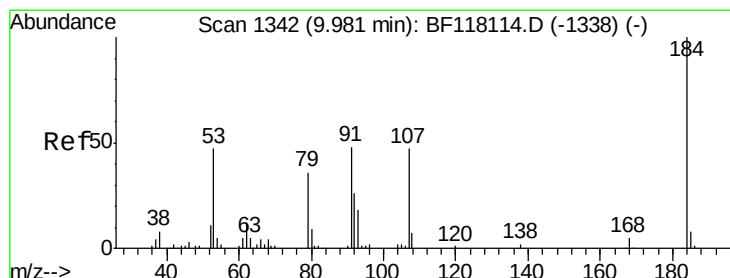
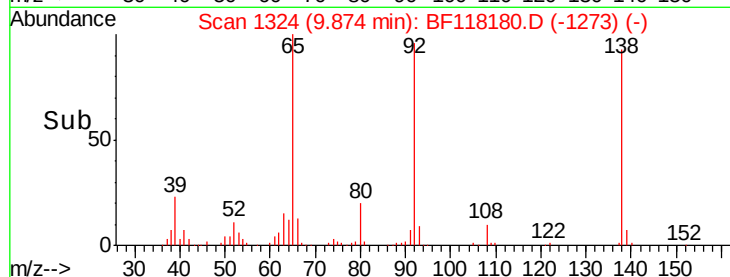
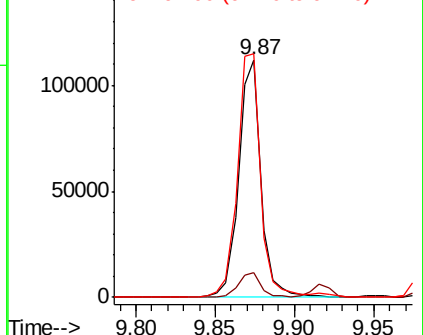
#53
3-Nitroaniline
Concen: 23.205 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 108904
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 102.4 84.9 127.3

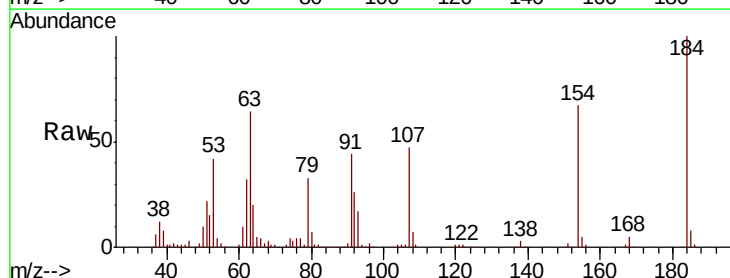


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

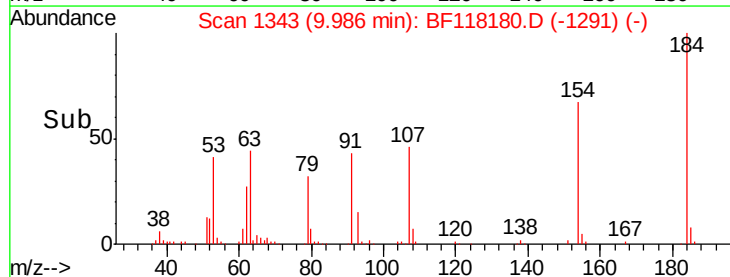
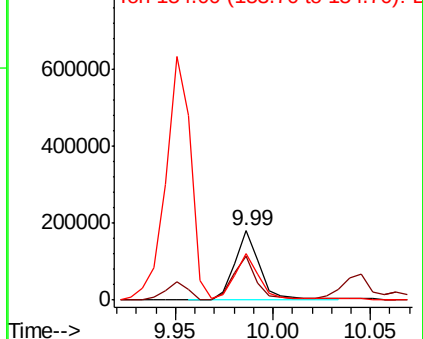


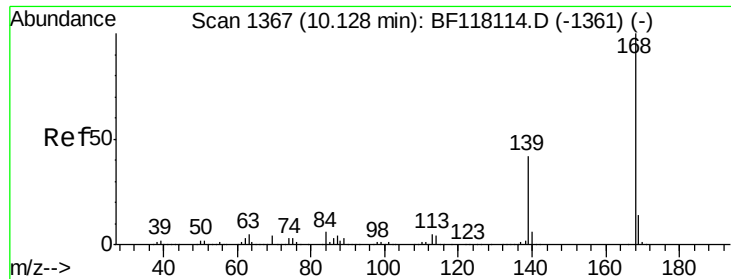
#54
2,4-Dinitrophenol
Concen: 81.497 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:184 Resp: 161689
Ion Ratio Lower Upper
184 100
63 63.5 53.9 80.9
154 67.4 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

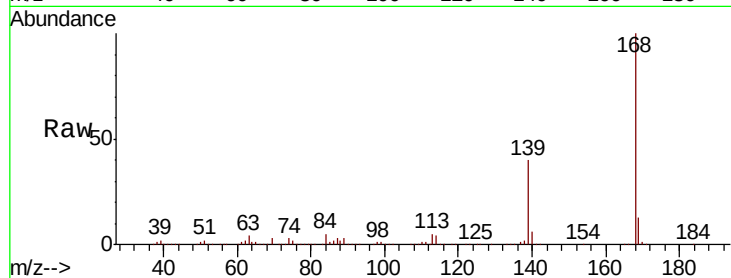




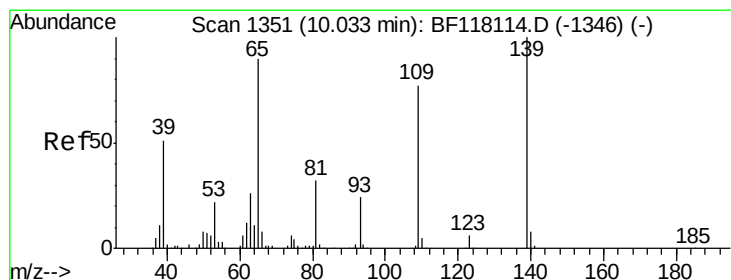
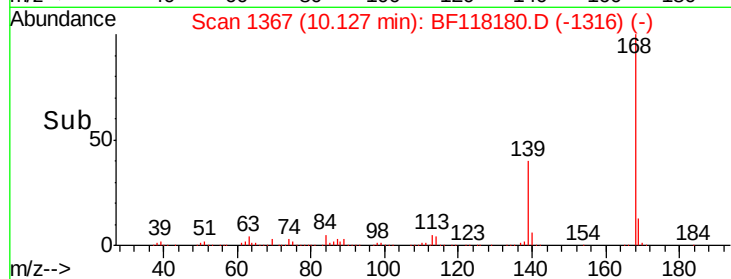
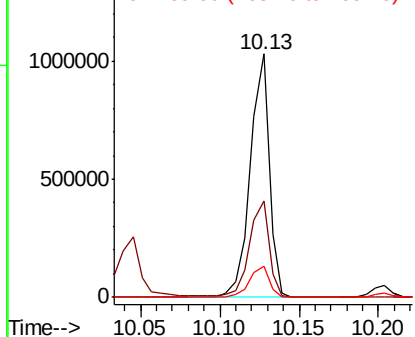
#55
Dibenzofuran
Concen: 41.323 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 858631
Ion Ratio Lower Upper
168 100
139 39.7 33.4 50.0
169 12.9 11.0 16.6

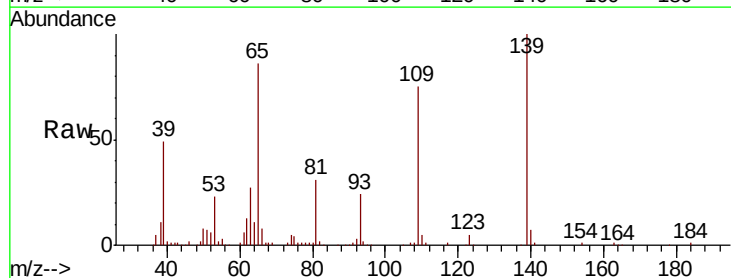


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

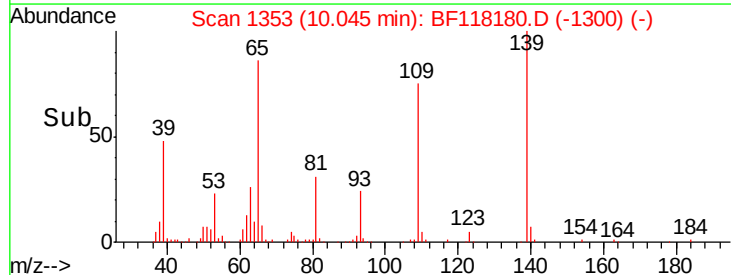
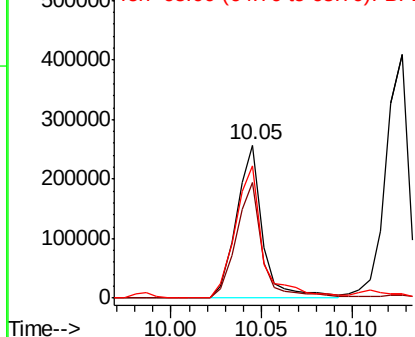


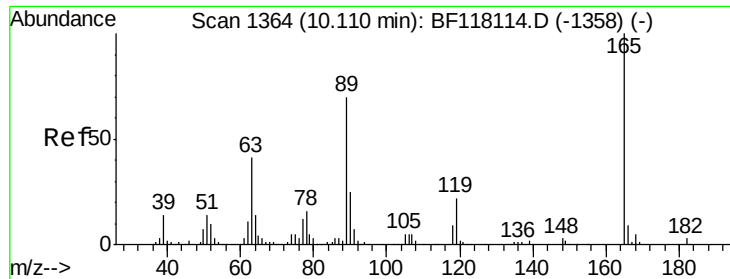
#56
4-Nitrophenol
Concen: 79.251 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:139 Resp: 258115
Ion Ratio Lower Upper
139 100
109 75.2 57.3 97.3
65 86.0 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

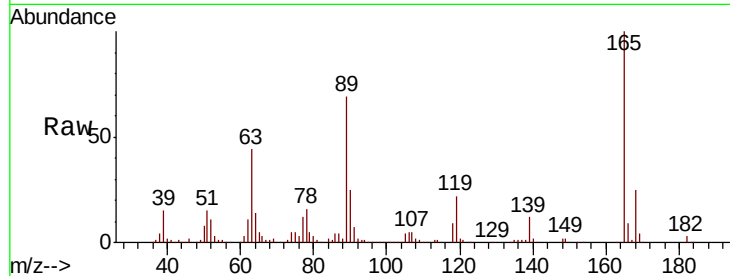




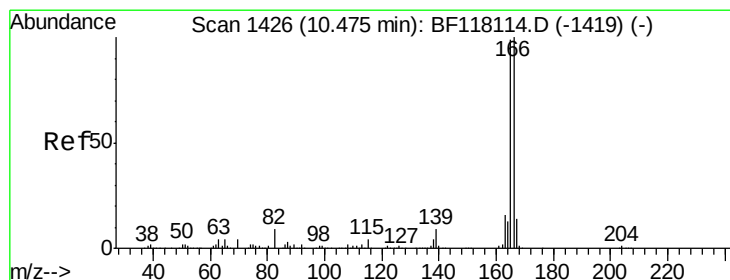
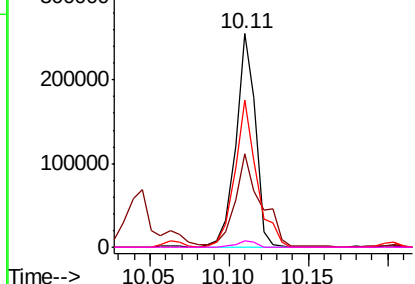
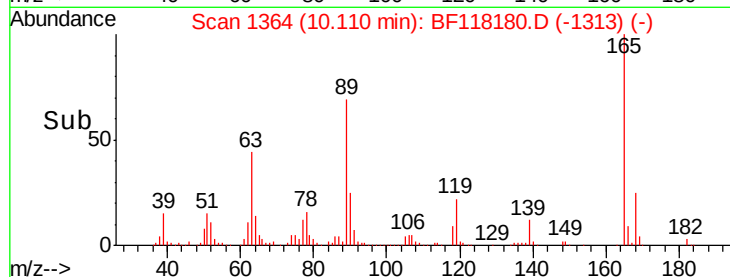
#57
2,4-Dinitrotoluene
Concen: 41.502 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	220903	
Ion Ratio	Lower	Upper	
165 100			
63 43.9	32.6	49.0	
89 68.7	56.1	84.1	
182 2.9	2.1	3.1	

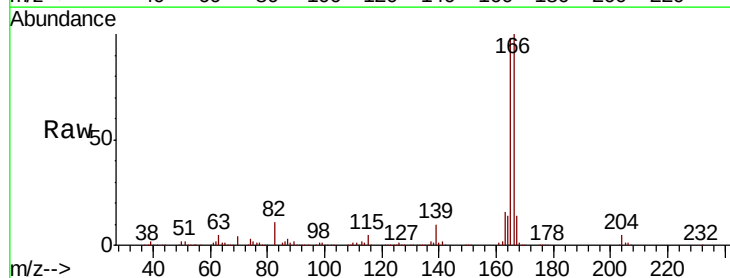


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

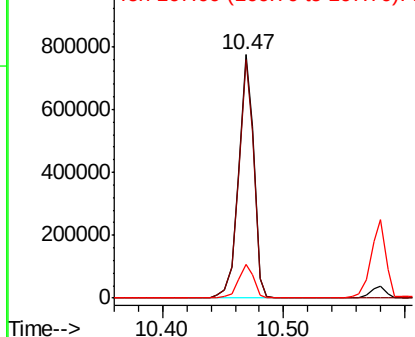
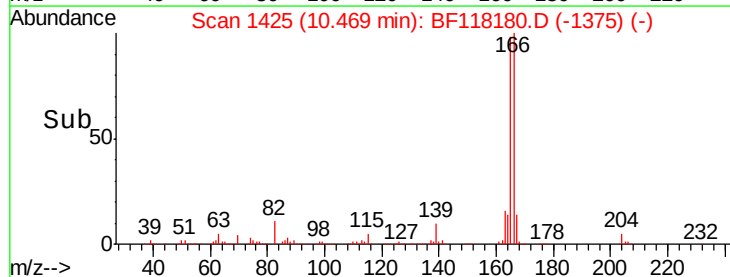


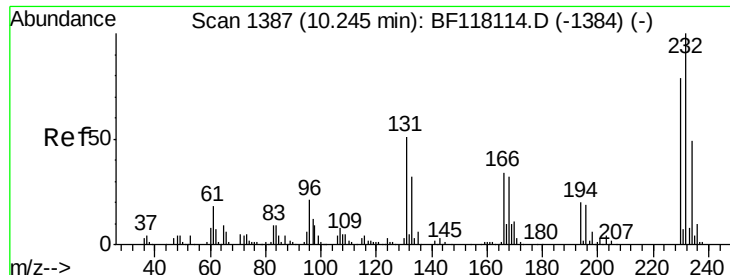
#58
Fluorene
Concen: 41.018 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt	Ion:166	Resp:	677317
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.6	10.9	16.3



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

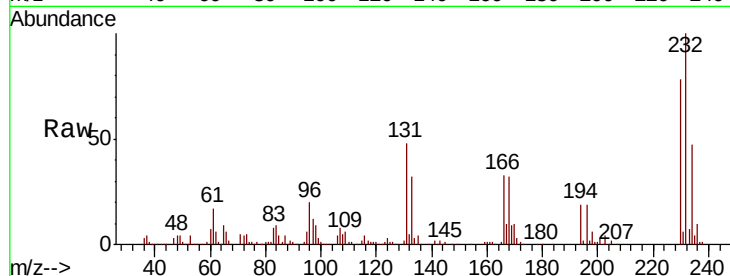




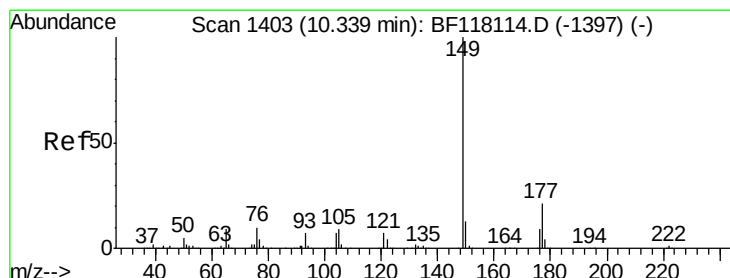
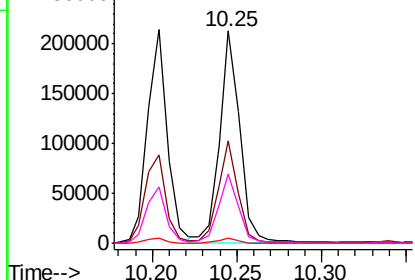
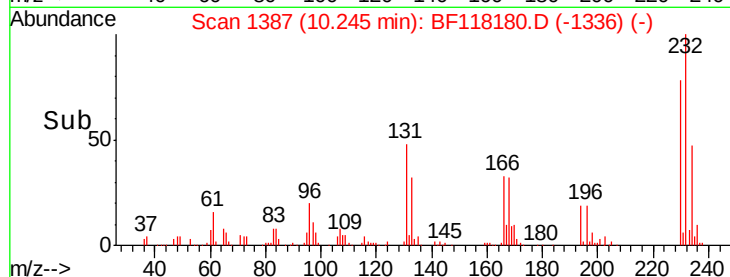
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.551 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 178360
Ion Ratio Lower Upper
232 100
131 47.9 38.8 58.2
130 2.4 1.9 2.9
166 32.9 25.4 38.0

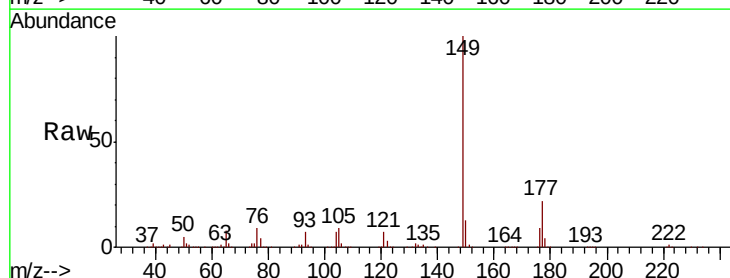


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

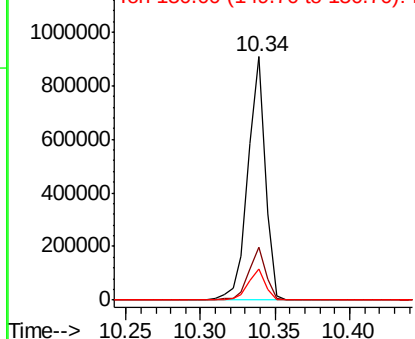
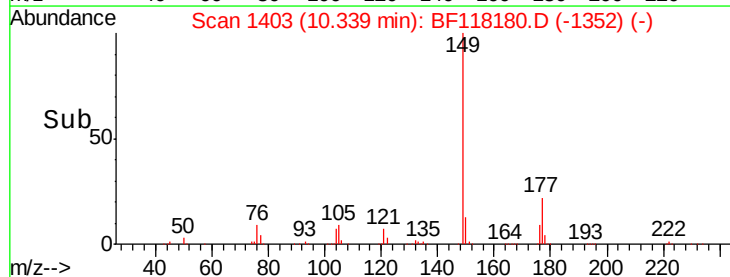


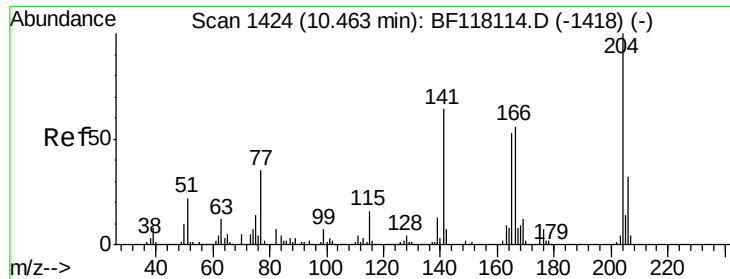
#60
Diethylphthalate
Concen: 40.545 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:149 Resp: 732608
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.4
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

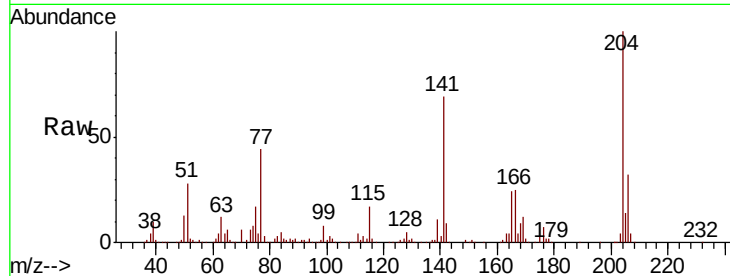




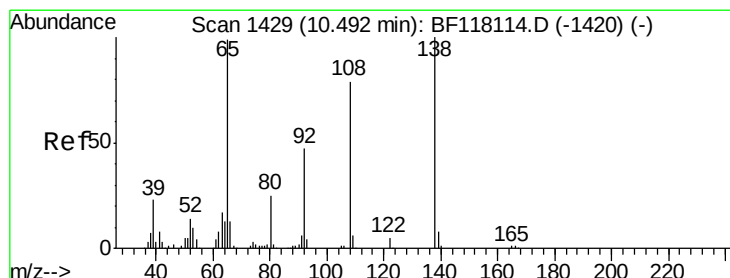
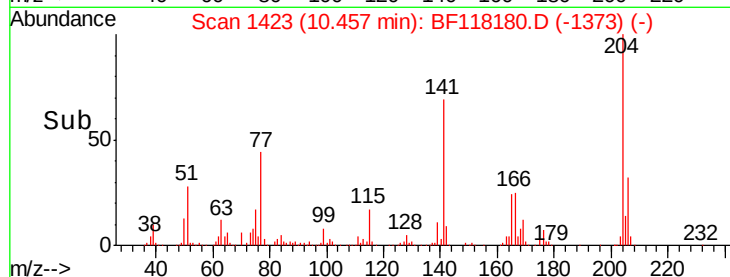
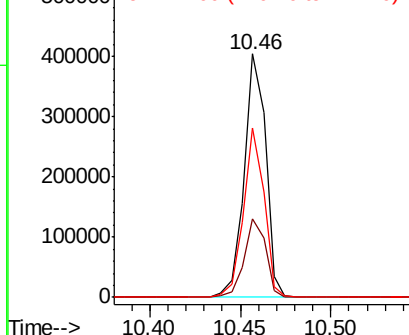
#61
4-Chlorophenyl-phenylether
Concen: 39.960 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 332009
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 69.5 51.0 76.6

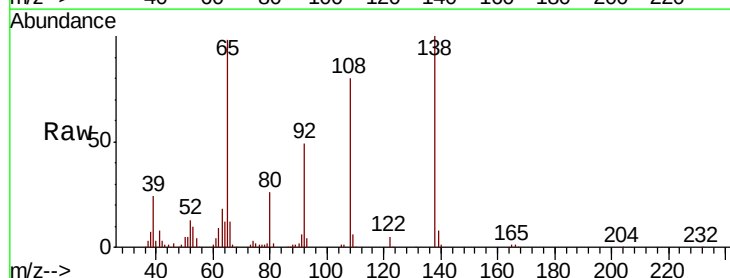


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

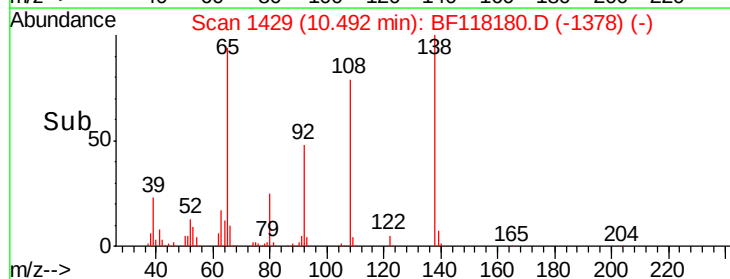
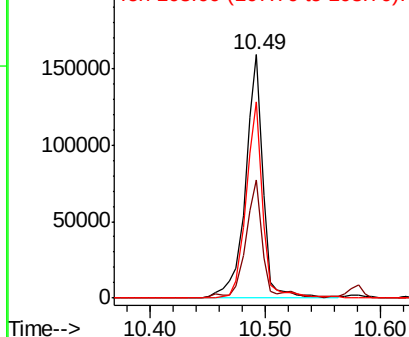


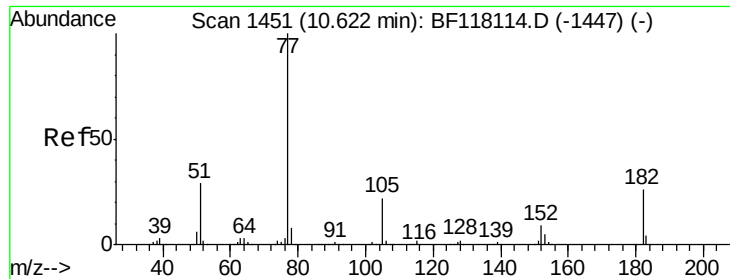
#62
4-Nitroaniline
Concen: 34.236 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:138 Resp: 167572
Ion Ratio Lower Upper
138 100
92 48.6 27.1 67.1
108 80.4 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: 40.907 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 630997

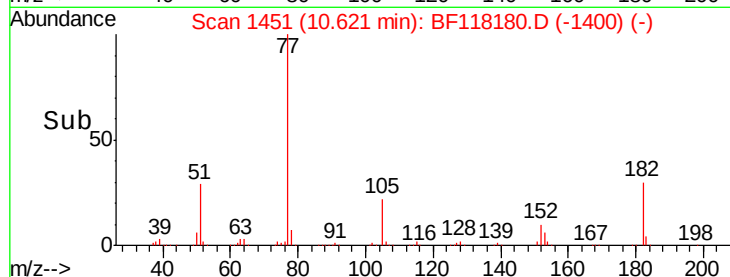
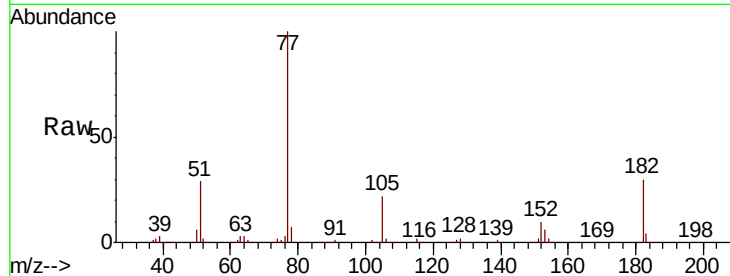
Ion	Ratio	Lower	Upper
77	100		
182	30.2	5.7	45.7
105	22.4	2.2	42.2
51	28.7	9.6	49.6

77 100

182 30.2 5.7 45.7

105 22.4 2.2 42.2

51 28.7 9.6 49.6

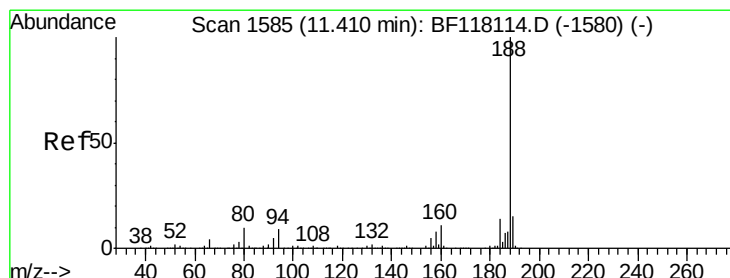
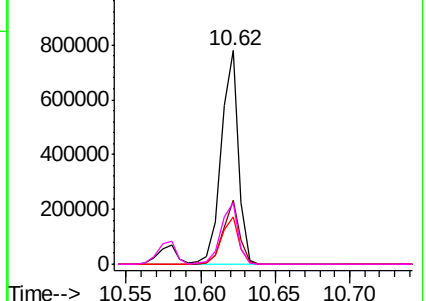


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

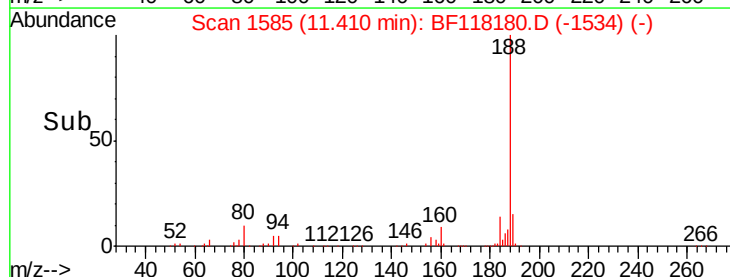
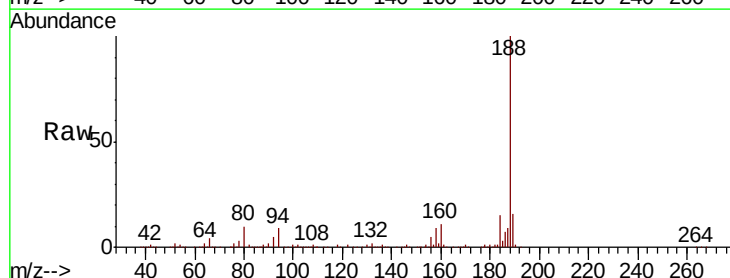
Tgt Ion: 188 Resp: 470848

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.0	7.9	11.9

188 100

94 9.3 7.1 10.7

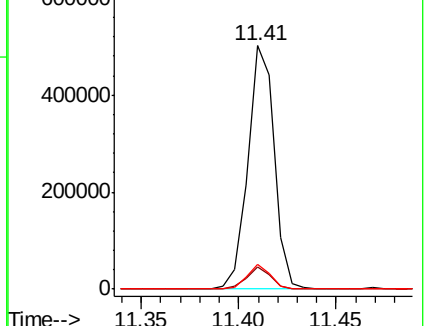
80 10.0 7.9 11.9

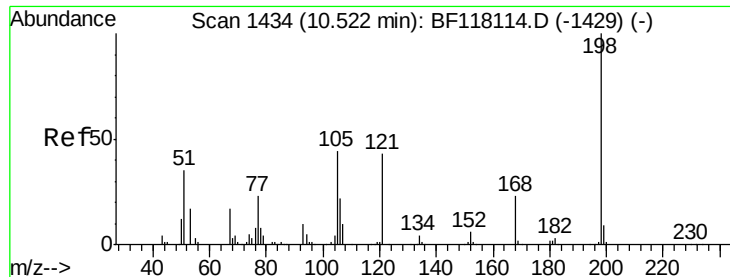


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.664 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampled :

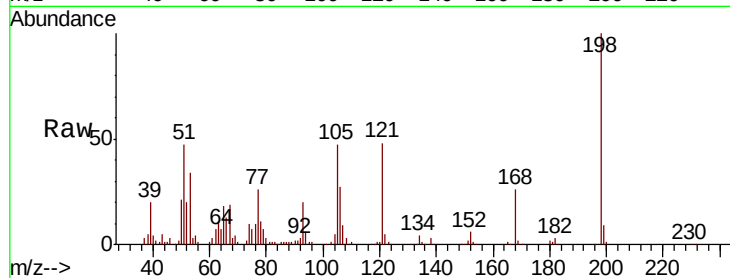
Tot Ion:198 Resp: 113539

Ion Ratio Lower Upper

198 100

51 47.1 22.0 62.0

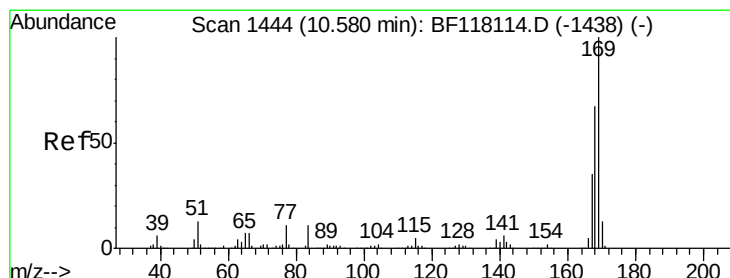
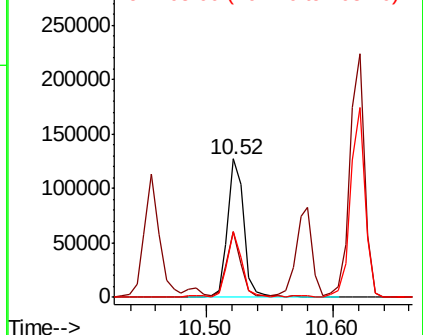
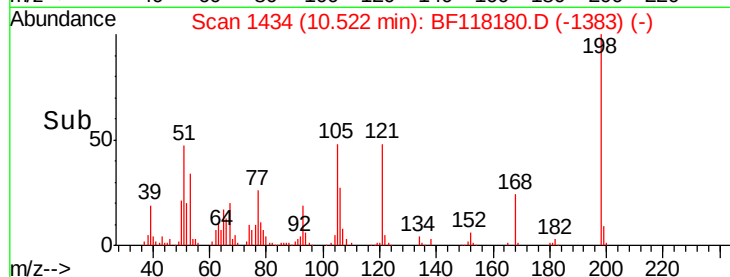
105 47.5 25.6 65.6



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: 40.376 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

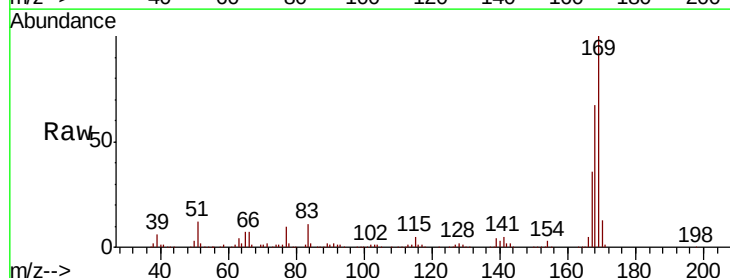
Tgt Ion:169 Resp: 593686

Ion Ratio Lower Upper

169 100

168 67.4 53.4 80.2

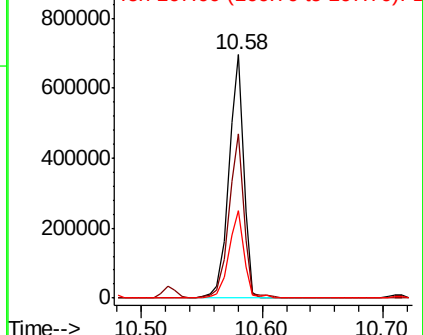
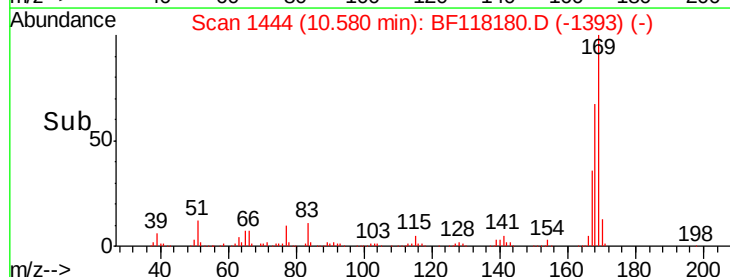
167 36.1 28.4 42.6

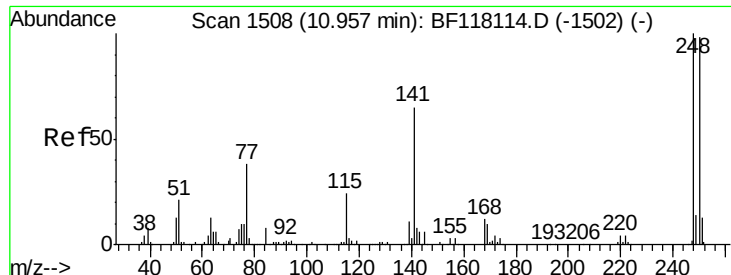


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

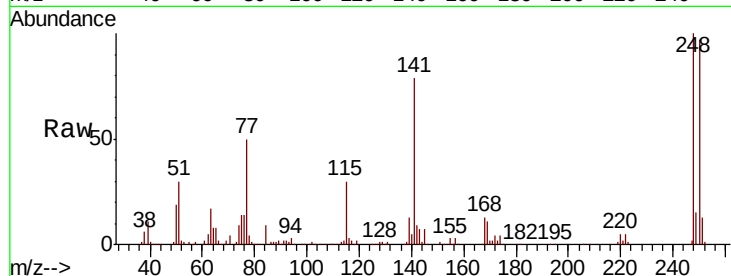




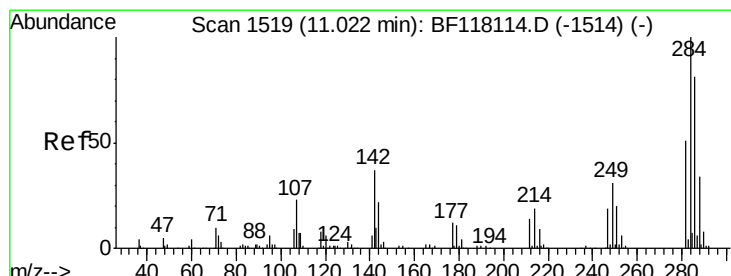
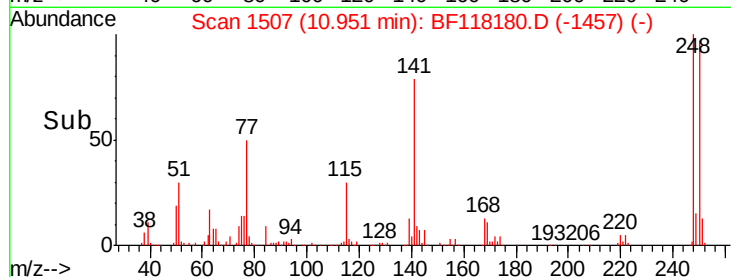
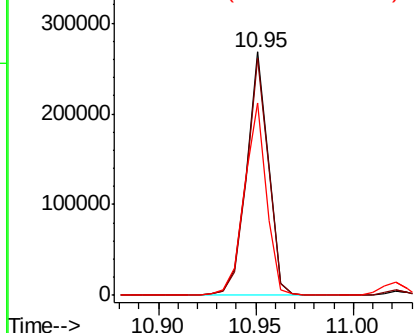
#67
4-Bromophenyl-phenylether
Concen: 38.828 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 208692
Ion Ratio Lower Upper
248 100
250 97.3 78.3 117.5
141 79.1 52.2 78.4#

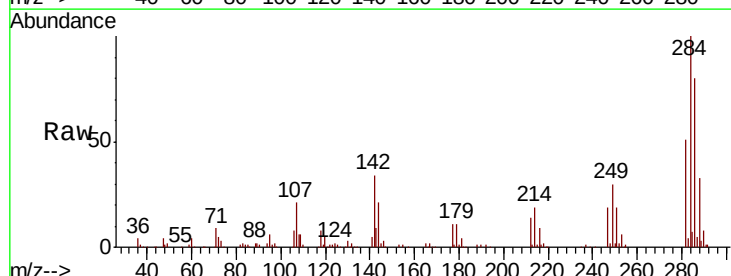


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

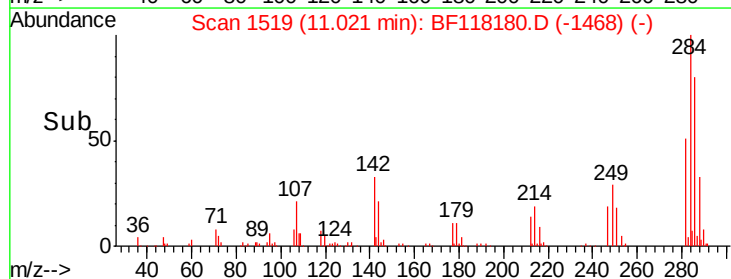
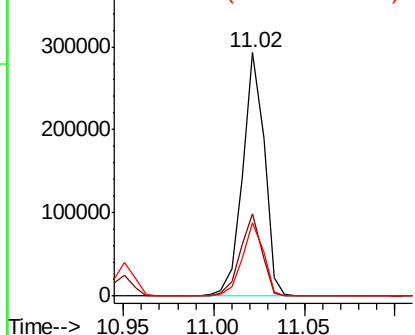


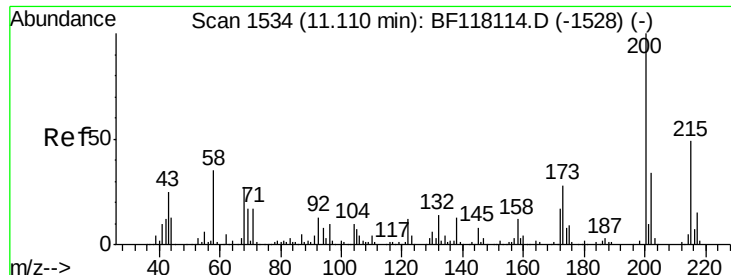
#68
Hexachlorobenzene
Concen: 38.694 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:284 Resp: 244786
Ion Ratio Lower Upper
284 100
142 33.6 29.7 44.5
249 30.0 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

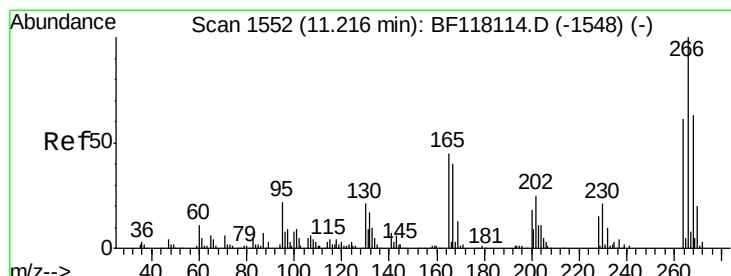
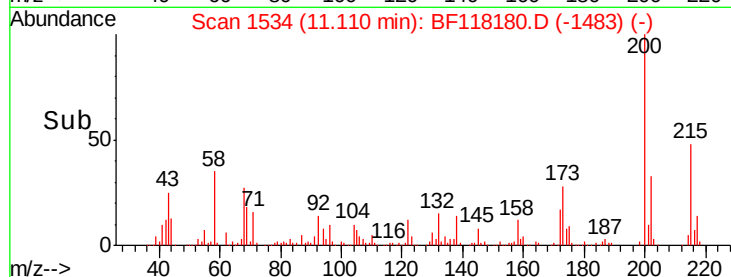
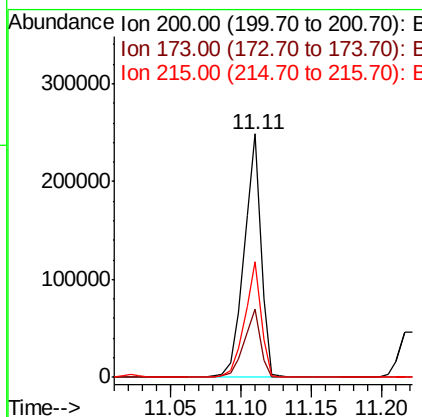
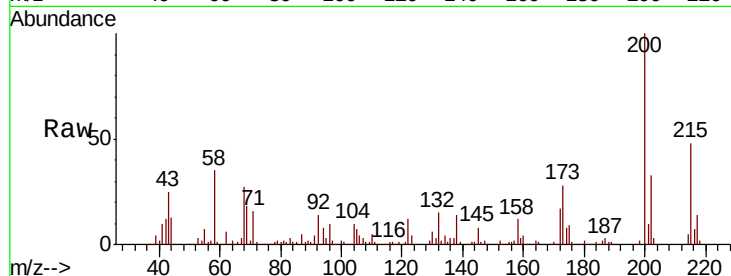




#69
Atrazine
Concen: 59.917 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

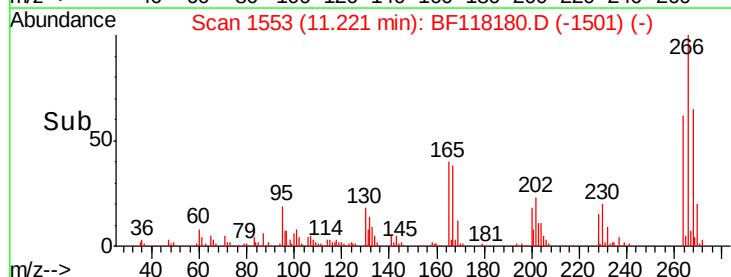
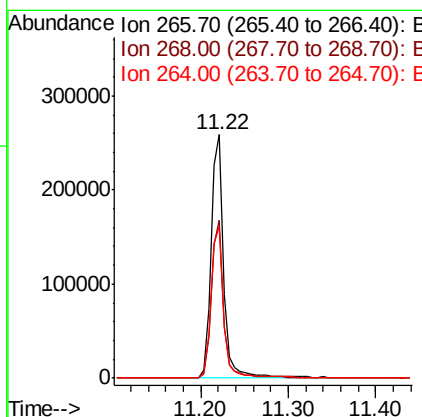
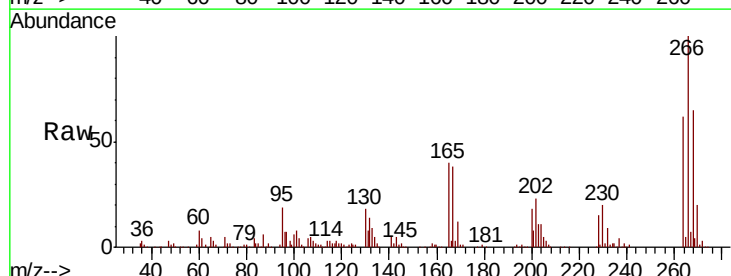
Instrument :
BNA_F
ClientSampleId :

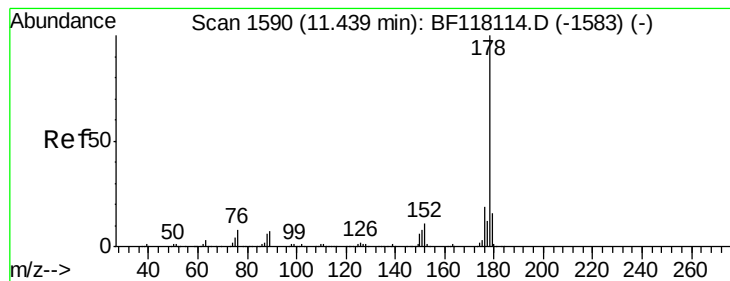
Tot Ion:200 Resp: 207627
Ion Ratio Lower Upper
200 100
173 27.9 8.1 48.1
215 47.6 29.0 69.0



#70
Pentachlorophenol
Concen: 87.434 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:266 Resp: 260123
Ion Ratio Lower Upper
266 100
268 64.9 50.7 76.1
264 62.1 48.7 73.1





#71

Phenanthrene

Concen: 40.385 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

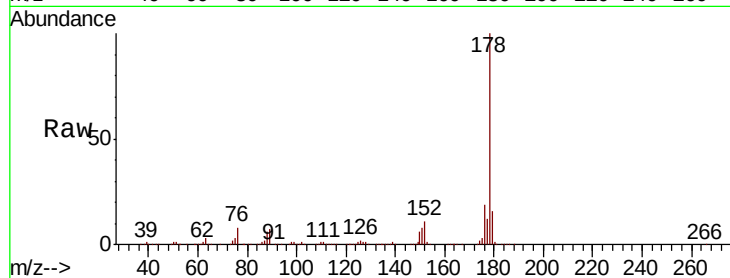
Tot Ion:178 Resp: 1010818

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

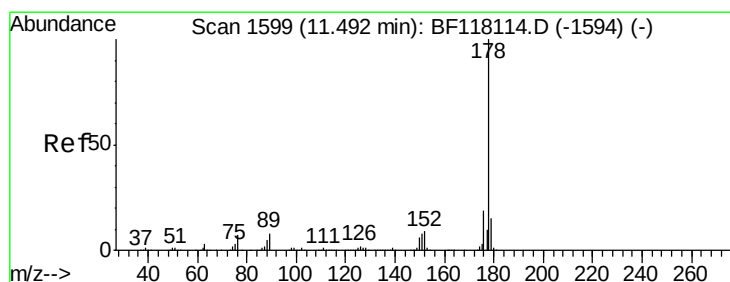
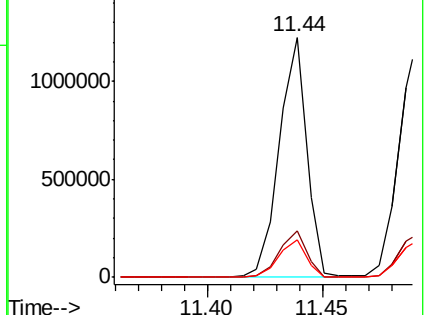
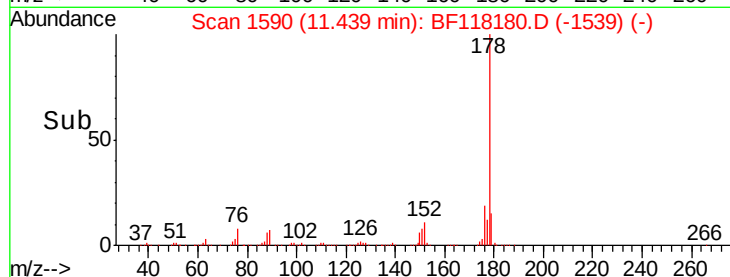
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.265 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

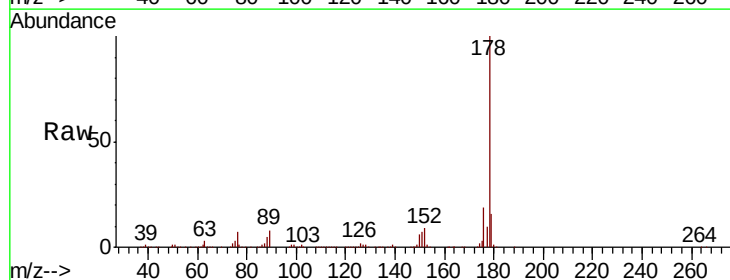
Tgt Ion:178 Resp: 1055310

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

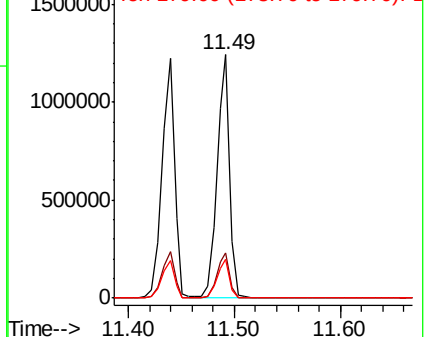
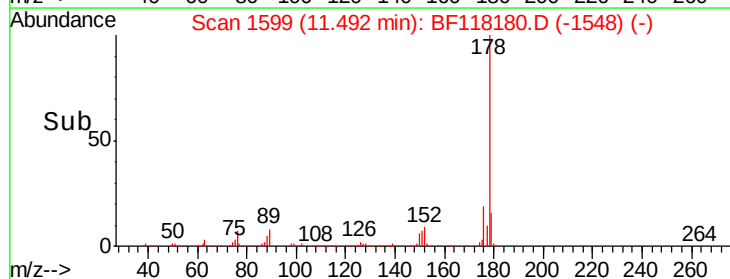
179 15.9 12.2 18.4

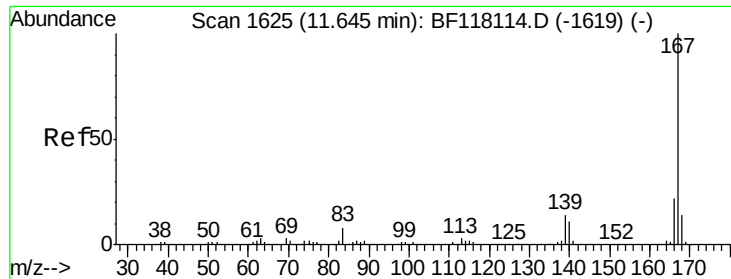


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

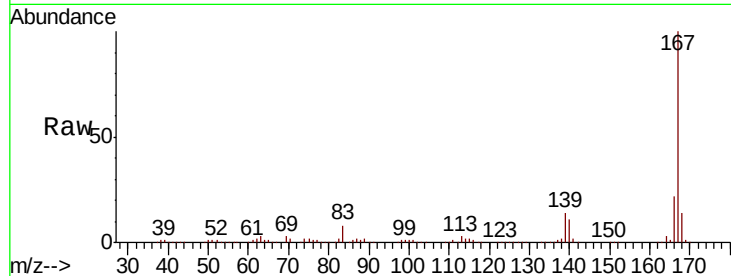




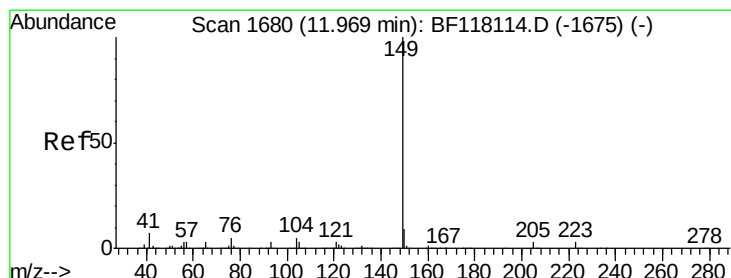
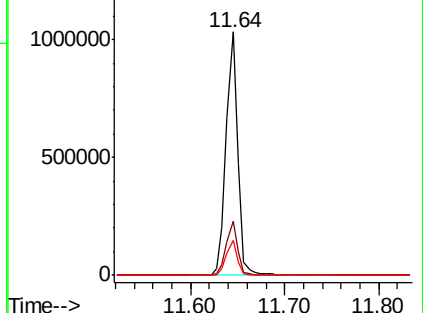
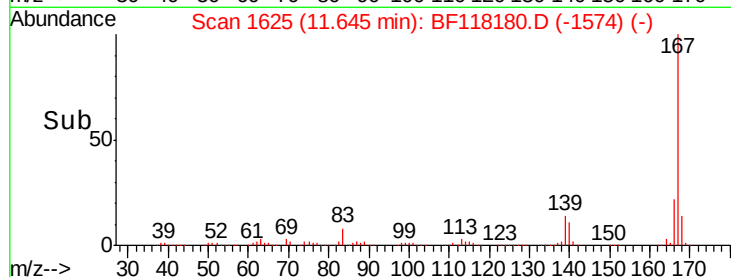
#73
 Carbazole
 Concen: 40.135 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	14.3	11.4	17.0

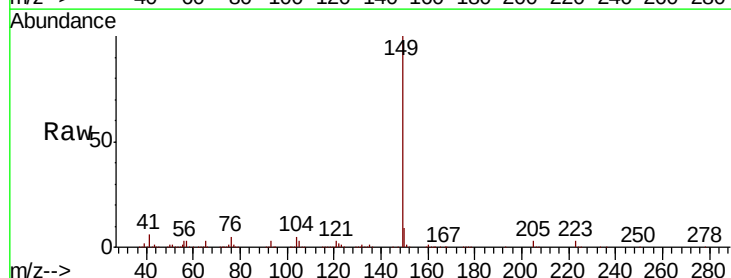


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

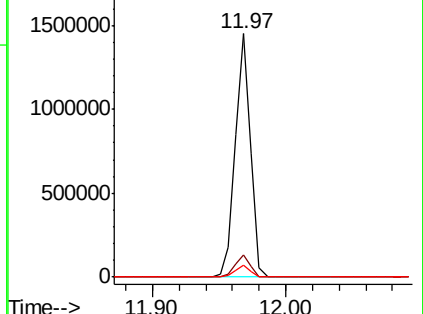
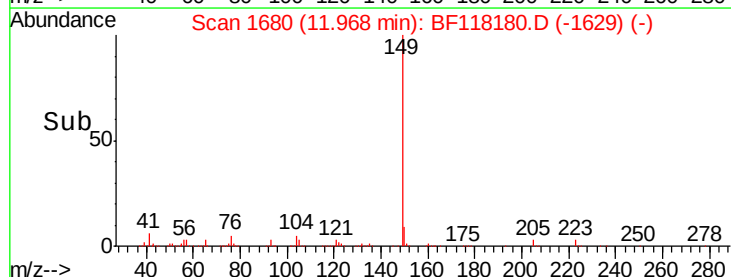


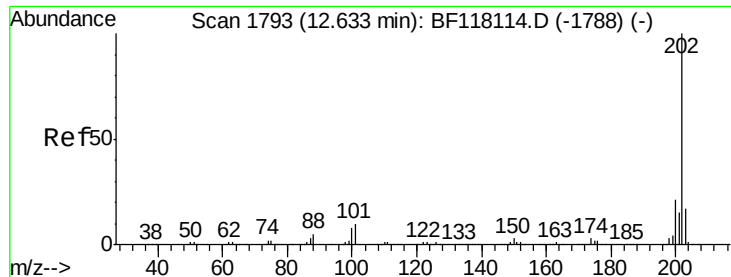
#74
 Di-n-butylphthalate
 Concen: 41.602 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.9	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

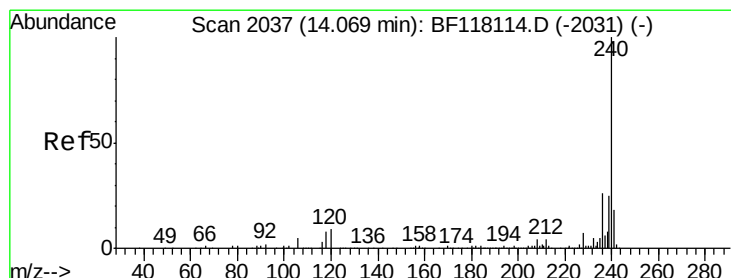
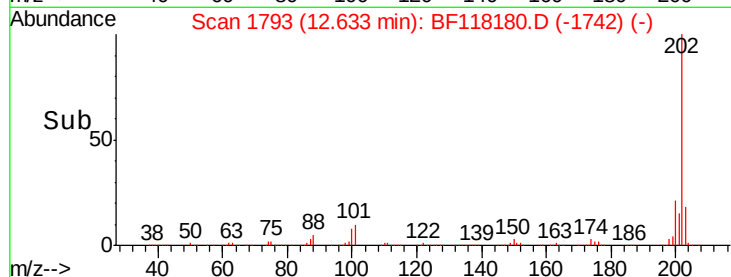
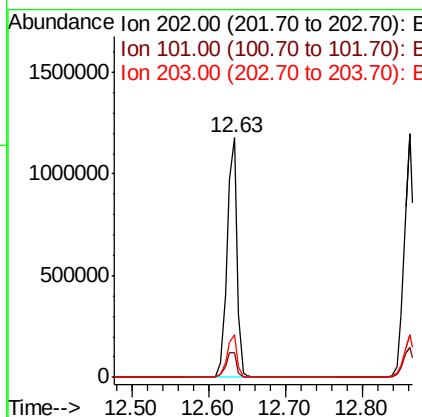
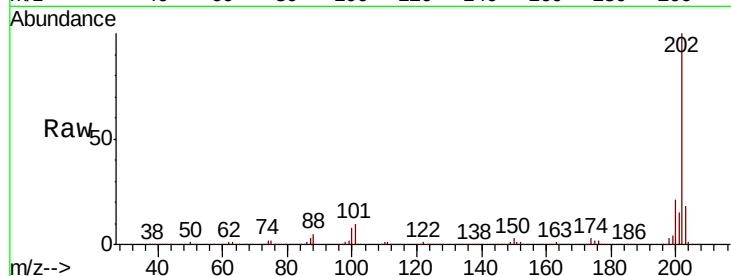




#75
 Fluoranthene
 Concen: 41.240 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

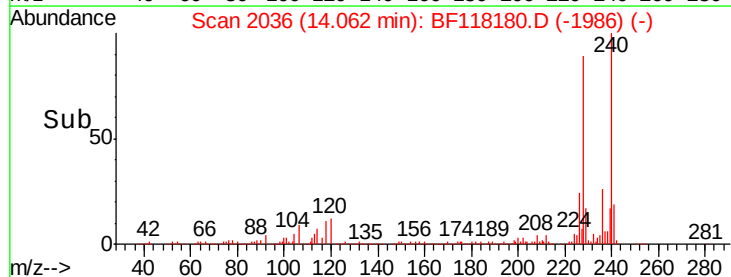
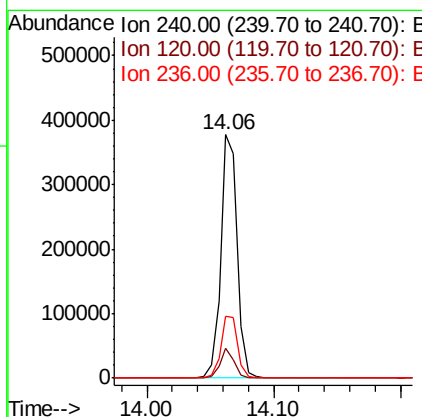
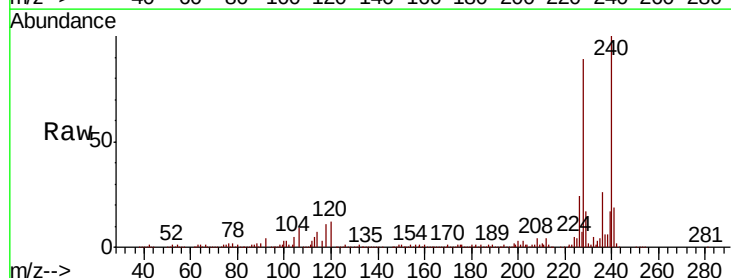
Instrument :
 BNA_F
 ClientSampleId :

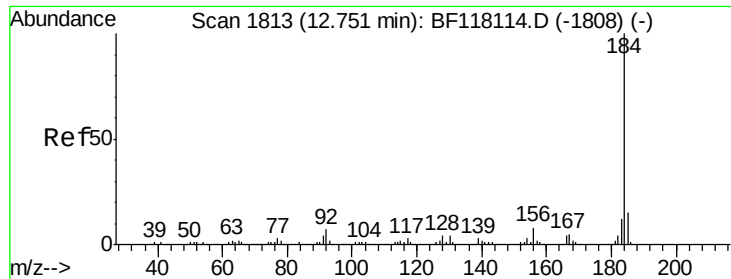
Tot Ion:202 Resp: 1055345
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 30.4
 203 17.6 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion:240 Resp: 340735
 Ion Ratio Lower Upper
 240 100
 120 12.0 7.1 10.7#
 236 25.7 21.0 31.6





#77

Benzidine

Concen: 48.303 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

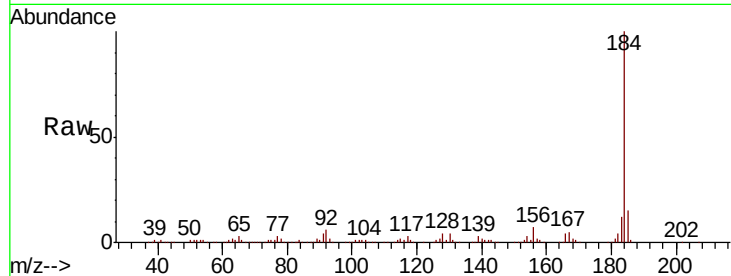
Tot Ion:184 Resp: 433270

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.3	18.5
183	11.9	9.9	14.9

184 100

185 14.6 12.3 18.5

183 11.9 9.9 14.9

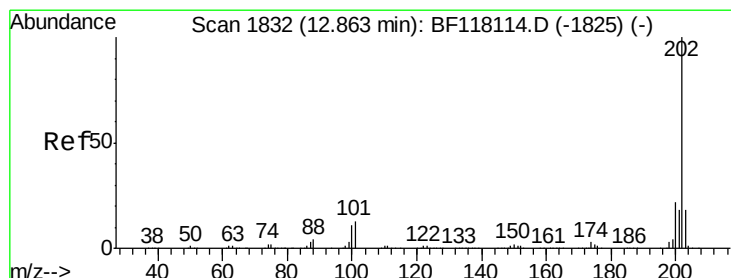
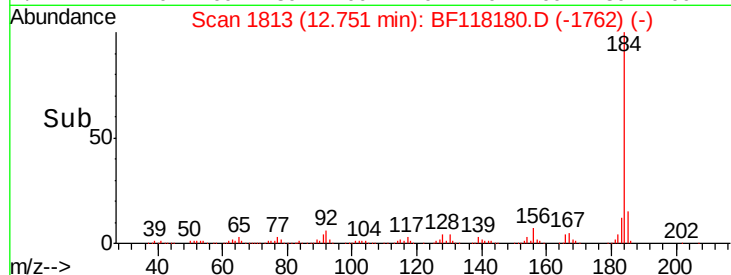
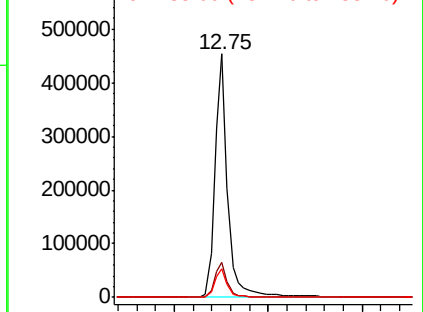


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.480 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

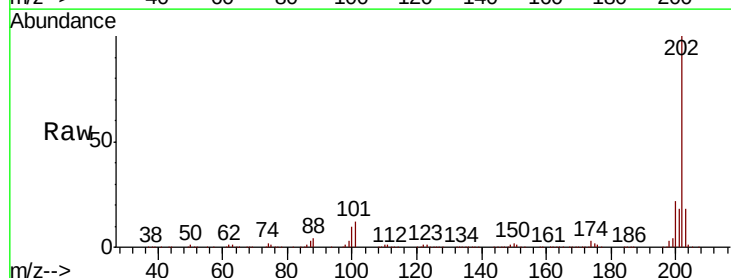
Tgt Ion:202 Resp: 1060083

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	17.7	14.6	21.8

202 100

200 21.8 17.5 26.3

203 17.7 14.6 21.8

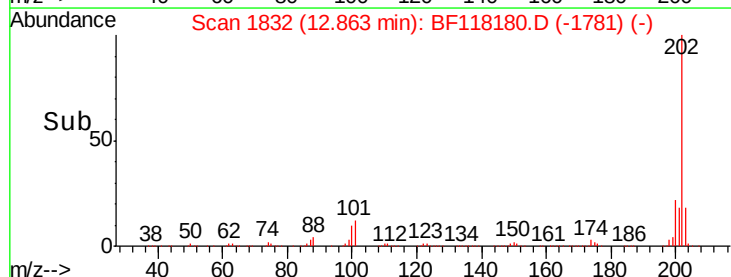
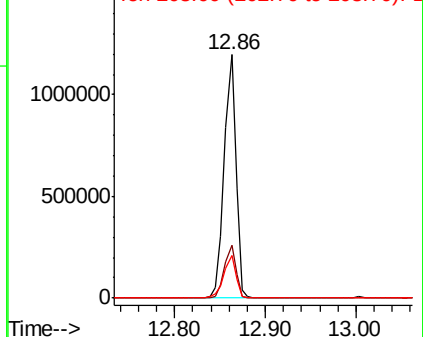


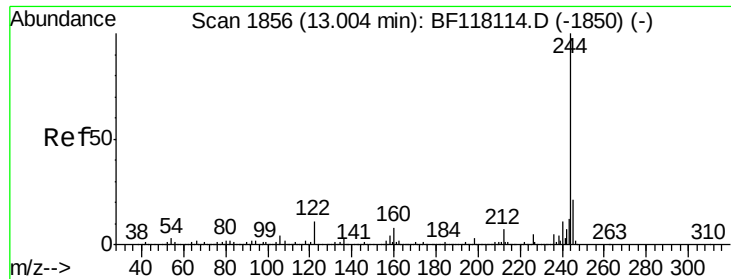
Abundance

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: 74.934 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

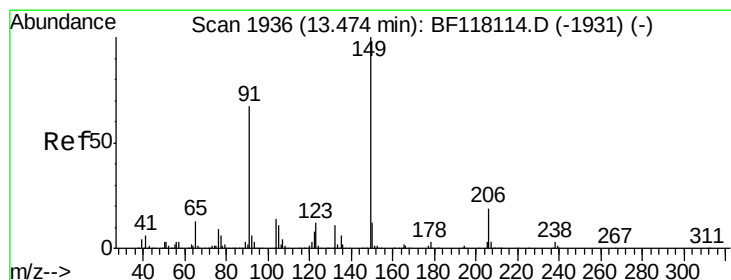
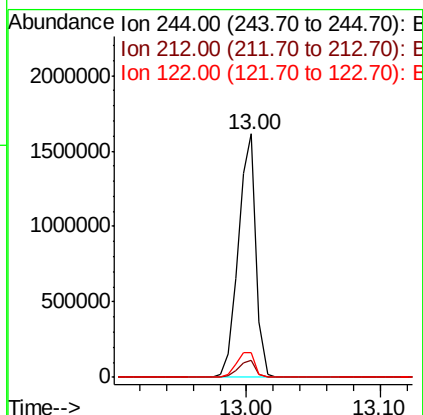
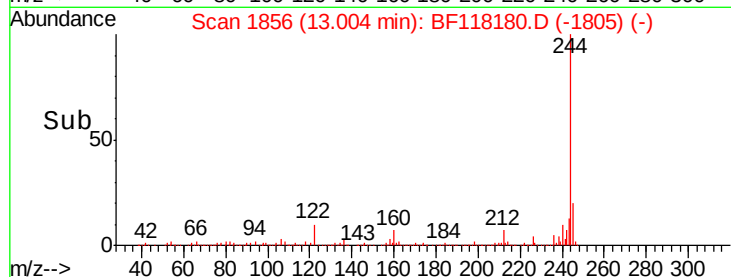
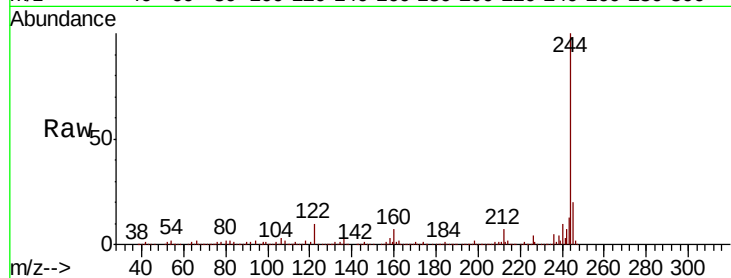
Tot Ion:244 Resp: 1484772

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.1 9.0 13.6



#80

Butylbenzylphthalate

Concen: 39.429 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

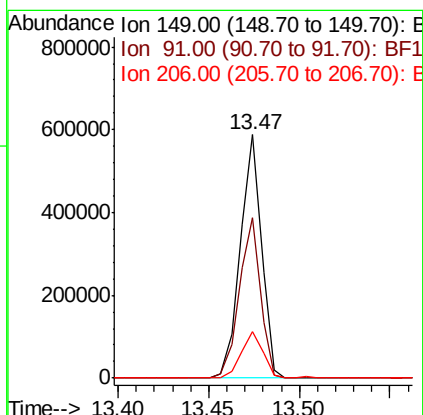
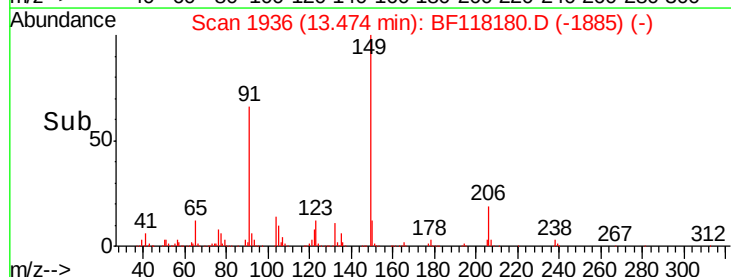
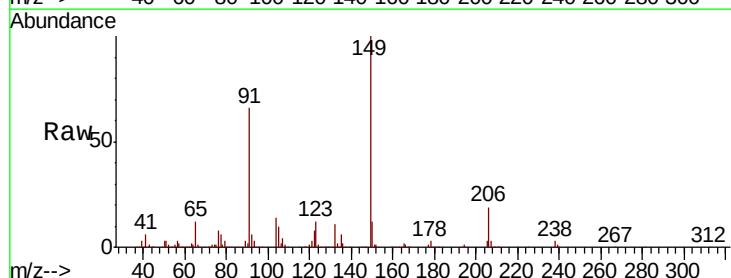
Tgt Ion:149 Resp: 479478

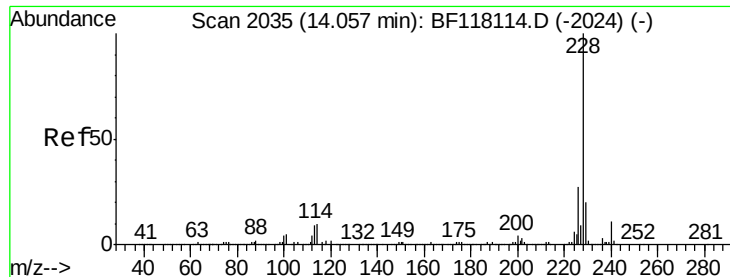
Ion Ratio Lower Upper

149 100

91 65.9 53.9 80.9

206 18.9 15.2 22.8





#81

Benzo(a)anthracene

Concen: 38.785 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampled :

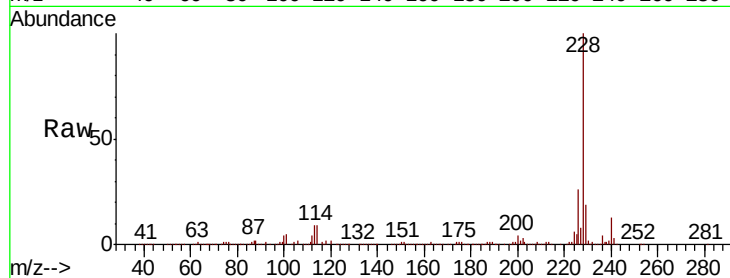
Tot Ion:228 Resp: 913803

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

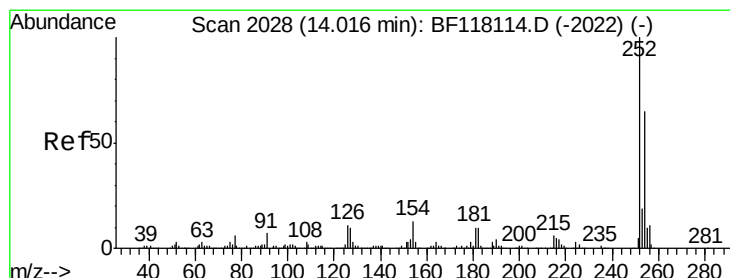
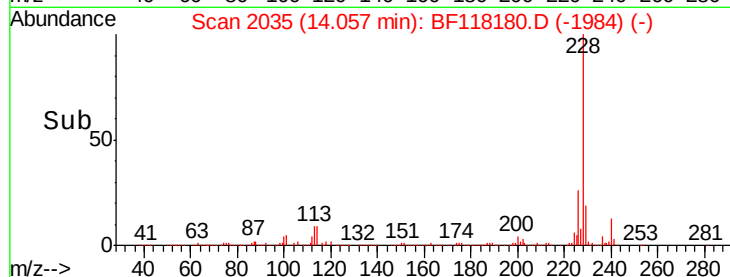
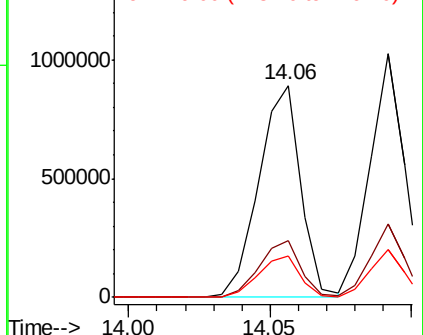
229 19.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.682 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

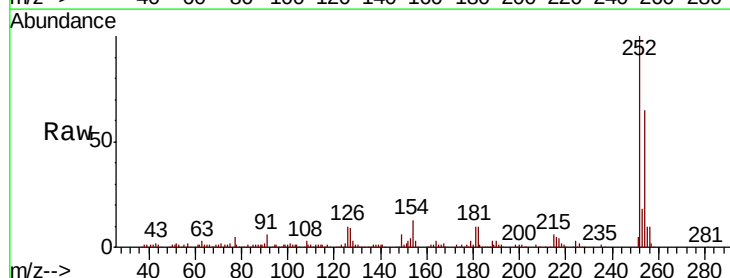
Tgt Ion:252 Resp: 221938

Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.4

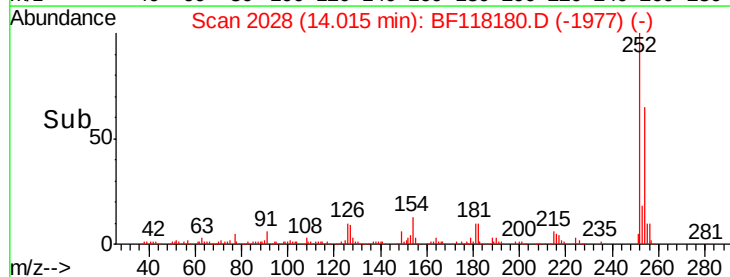
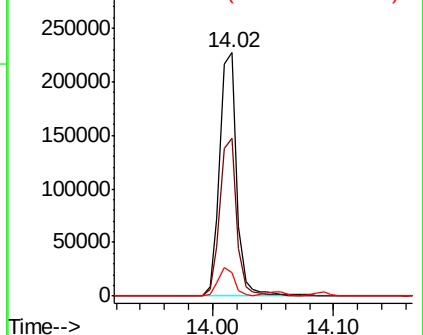
126 9.7 8.6 13.0

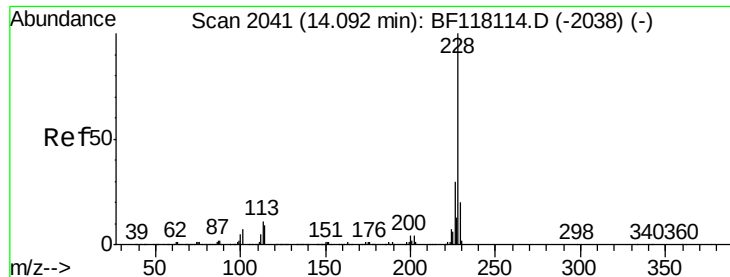


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

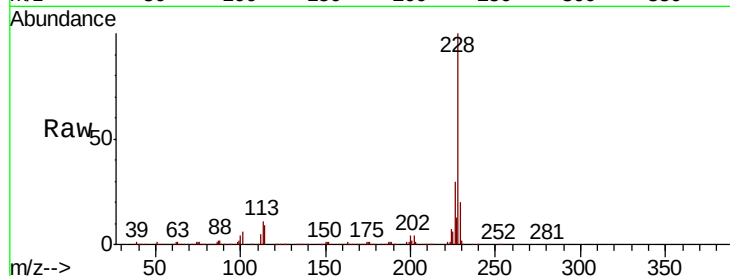




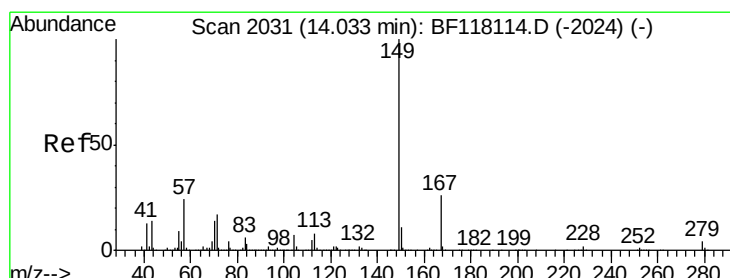
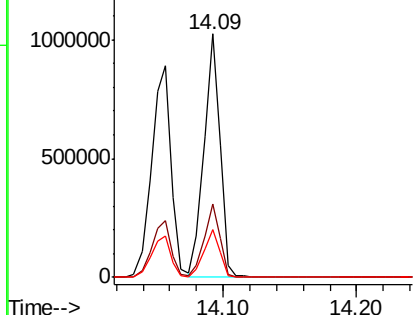
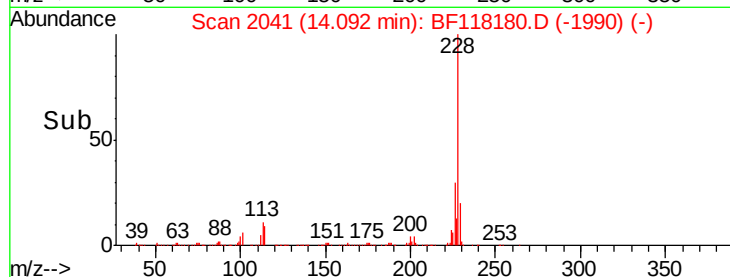
#83
 Chrysene
 Concen: 37.906 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.8	15.7	23.5

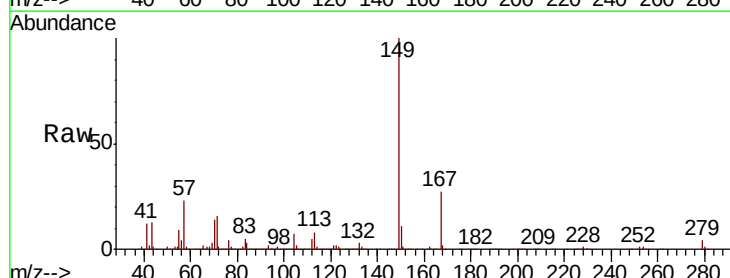


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

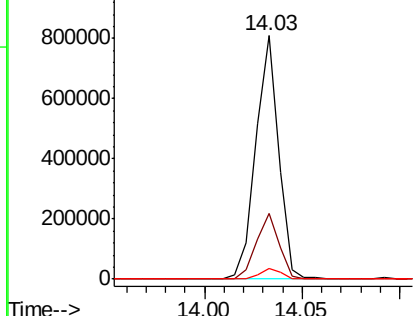
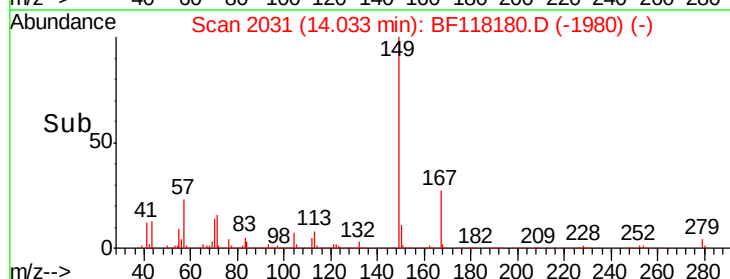


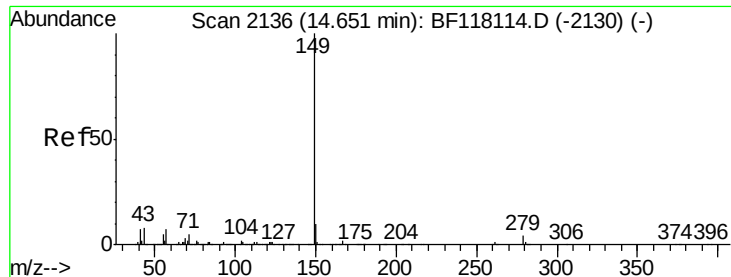
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.014 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118180.D
 Acq: 13 Dec 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.8	31.2
279	4.2	2.9	4.3



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





#85

Di-n-octyl phthalate

Concen: 42.318 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

Instrument :

BNA_F

ClientSampleId :

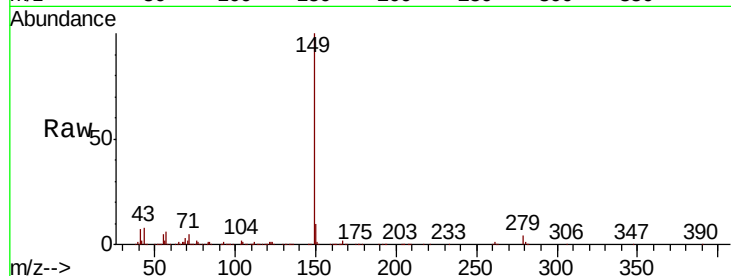
Tot Ion:149 Resp: 1027906

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

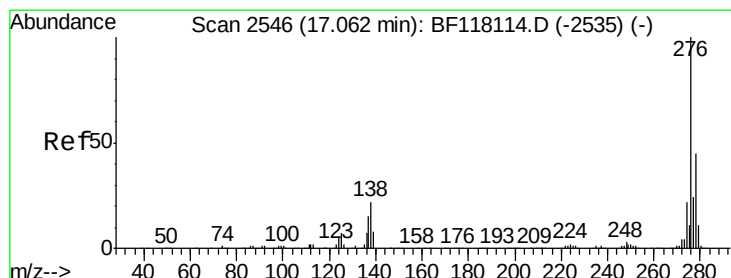
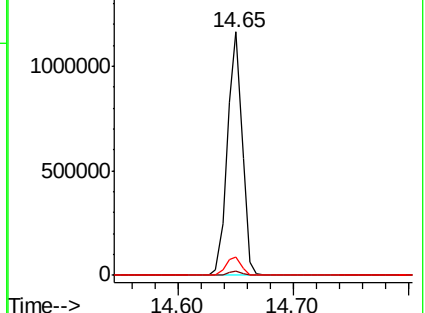
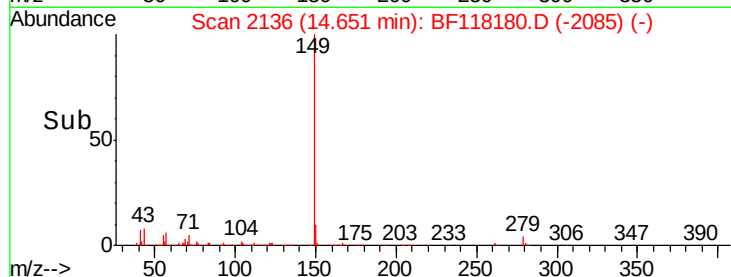
43 8.0 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.707 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118180.D

Acq: 13 Dec 2019 12:21

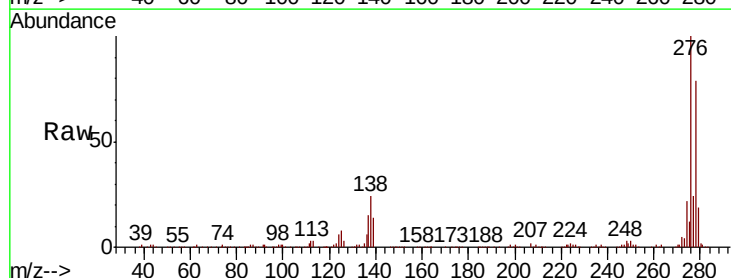
Tgt Ion:276 Resp: 638293

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

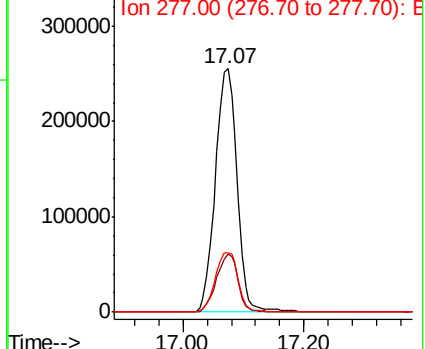
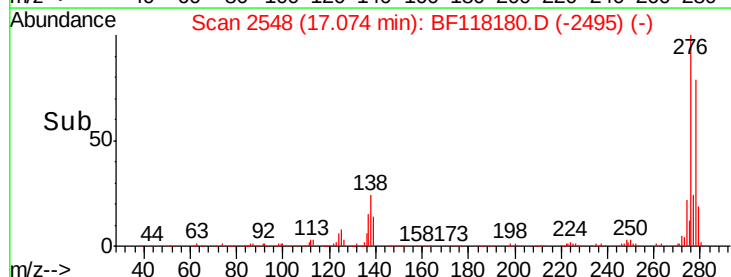
277 25.8 20.4 30.6

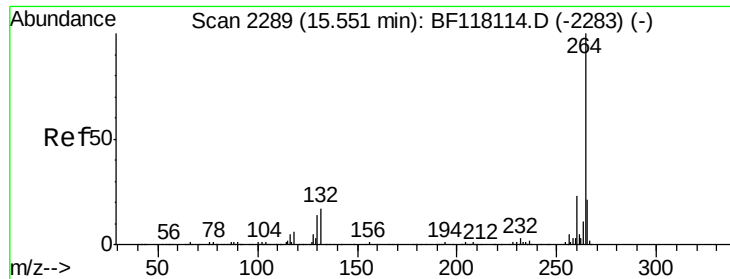


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

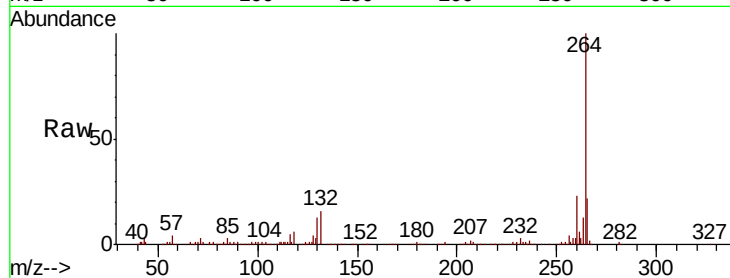




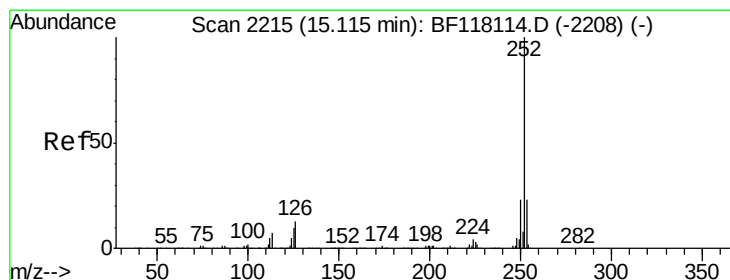
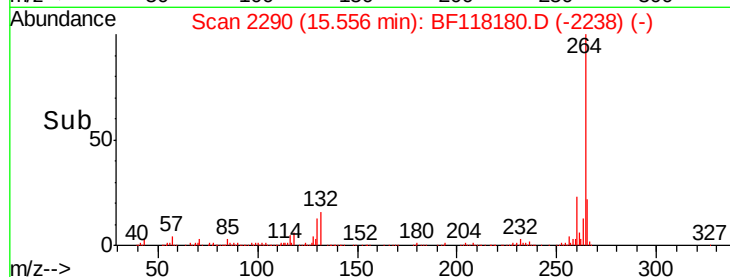
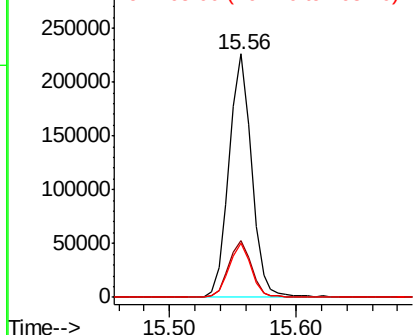
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 278934
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.1 16.8 25.2

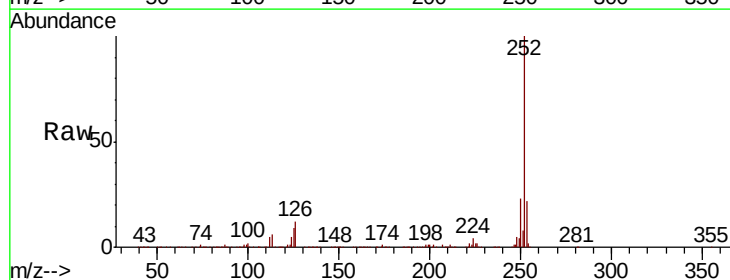


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

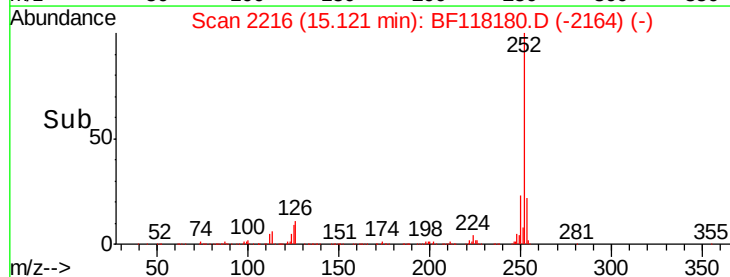
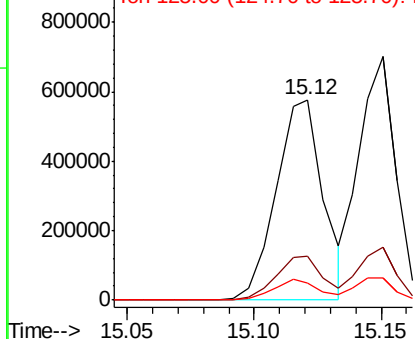


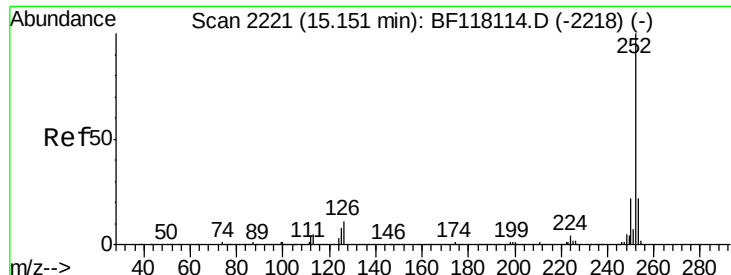
#88
Benzo(b)fluoranthene
Concen: 40.450 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:252 Resp: 746212
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 8.7 8.3 12.5



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

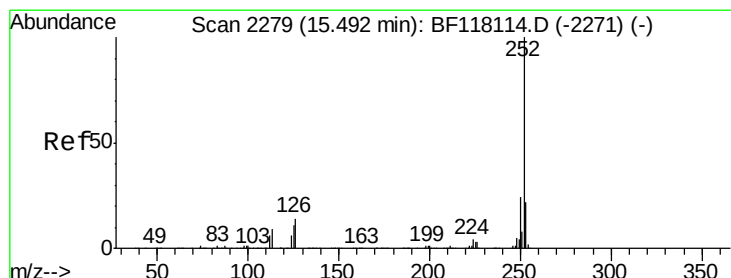
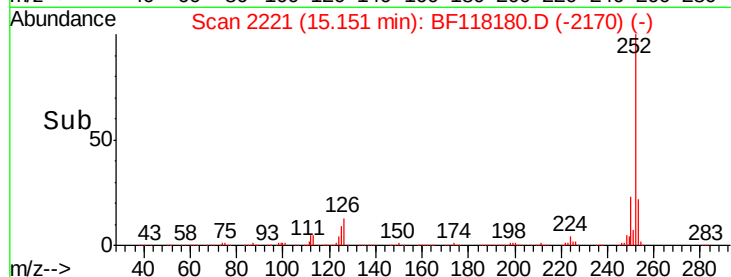
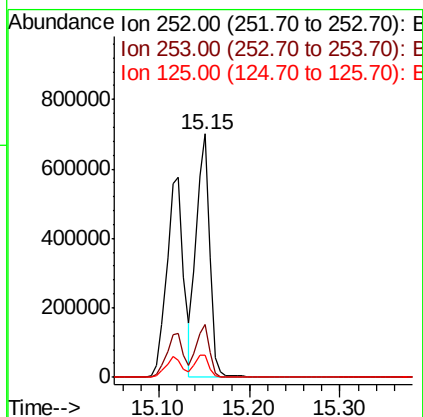
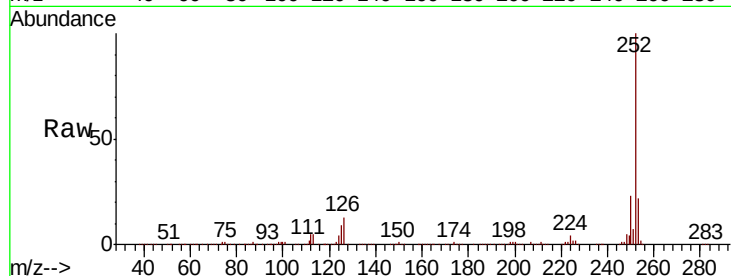




#89
Benzo(k)fluoranthene
Concen: 40.542 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

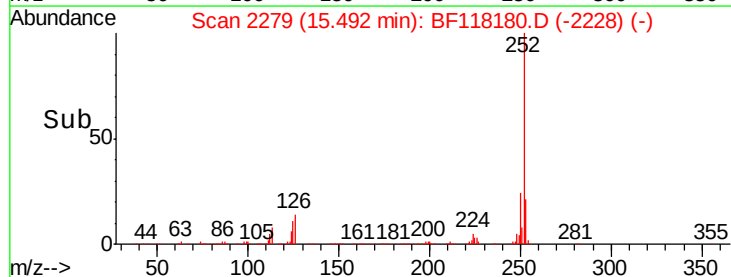
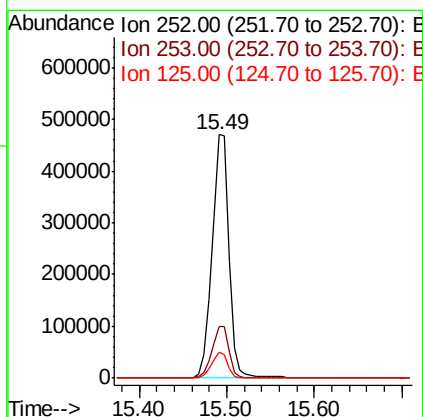
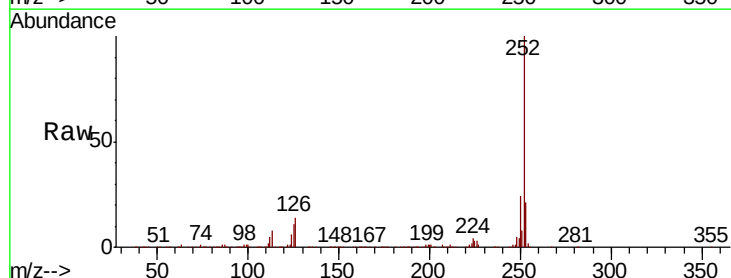
Instrument :
BNA_F
ClientSampled :

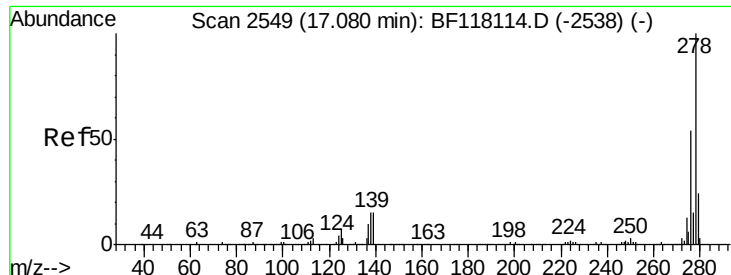
Tot Ion:252 Resp: 718495
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 6.7 10.1



#90
Benzo(a)pyrene
Concen: 39.004 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion:252 Resp: 635494
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 10.6 9.1 13.7

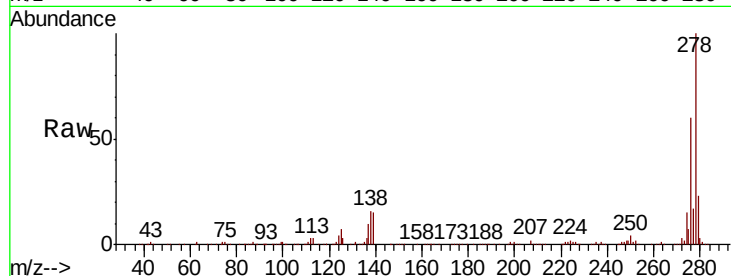




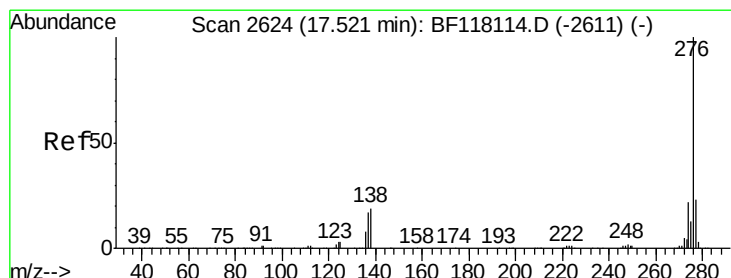
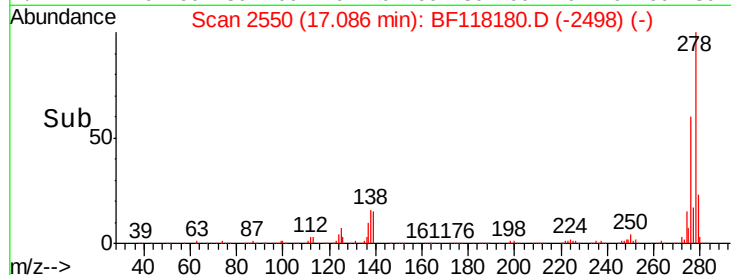
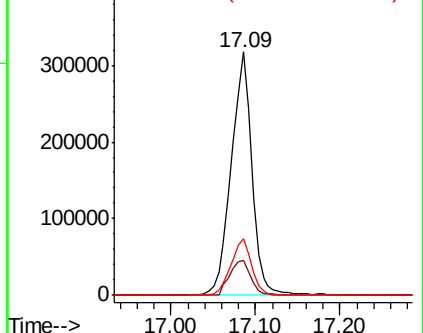
#91
Dibenzo(a,h)anthracene
Concen: 38.485 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.7	17.5
279	23.1	19.0	28.4

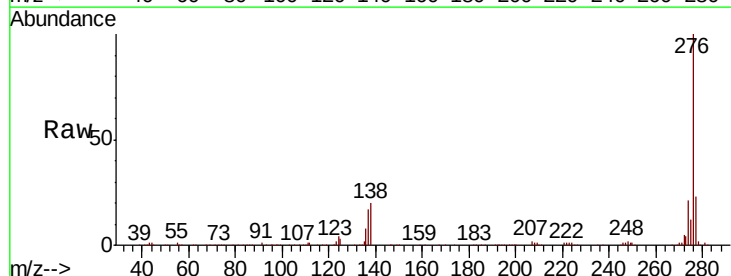


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.730 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118180.D
Acq: 13 Dec 2019 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.2	27.4
138	20.3	15.5	23.3



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

