

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119213.D
 Acq On : 5 Mar 2020 14:24
 Operator : CG/JU
 Sample : PB127192BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:24:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	132479	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	517506	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	298271	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	555766	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	372466	20.00	ng	-0.01
87) Perylene-d12	15.31	264	310738	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1013691	127.87	ng	0.00
7) Phenol-d6	6.39	99	1233823	127.98	ng	-0.01
23) Nitrobenzene-d5	7.30	82	746080	76.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	480161	123.06	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1528971	75.52	ng	-0.02
79) Terphenyl-d14	12.83	244	1788825	82.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	140585	39.832	ng	98
3) Pyridine	3.23	79	347269	36.027	ng	98
4) n-Nitrosodimethylamine	3.17	42	141233	48.368	ng	91
6) Aniline	6.39	93	385471	32.403	ng	# 76
8) 2-Chlorophenol	6.53	128	423692	49.525	ng	97
9) Benzaldehyde	6.27	77	168892	26.220	ng	97
10) Phenol	6.40	94	502577	48.215	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	381425	47.824	ng	97
12) 1,3-Dichlorobenzene	6.67	146	452753	44.155	ng	98
13) 1,4-Dichlorobenzene	6.75	146	462946	45.118	ng	98
14) 1,2-Dichlorobenzene	6.90	146	430169	45.969	ng	99
15) Benzyl Alcohol	6.88	79	357765	51.345	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	309829	44.845	ng	# 11
17) 2-Methylphenol	7.00	107	351433	50.668	ng	94
18) Hexachloroethane	7.23	117	165461	45.073	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	293232	52.197	ng	94
20) 3+4-Methylphenols	7.16	107	462158	54.387	ng	# 86
22) Acetophenone	7.14	105	583477	48.730	ng	# 95
24) Nitrobenzene	7.32	77	446792	46.097	ng	99
25) Isophorone	7.56	82	811763	47.689	ng	100
26) 2-Nitrophenol	7.63	139	246194	47.939	ng	97
27) 2,4-Dimethylphenol	7.68	122	377760	54.199	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	496321	44.796	ng	99
29) 2,4-Dichlorophenol	7.88	162	384902	46.910	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	416258	42.788	ng	100
31) Naphthalene	8.03	128	1228436	45.771	ng	99
32) Benzoic acid	7.85	122	204364	41.272	ng	97
33) 4-Chloroaniline	8.09	127	342510	29.671	ng	98
34) Hexachlorobutadiene	8.15	225	251381	41.484	ng	99
35) Caprolactam	8.47	113	64751	25.629	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	410372	49.419	ng	99
37) 2-Methylnaphthalene	8.72	142	869183	48.123	ng	99
38) 1-Methylnaphthalene	8.82	142	816214	48.052	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	428183	42.578	ng	99

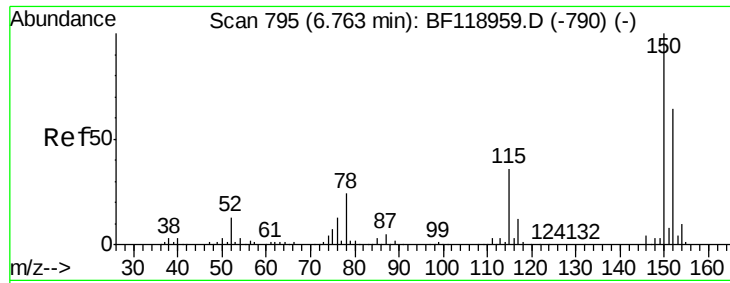
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	230647	65.004	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	268707	42.312	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	280580	42.104	ng	97
46) 1,1'-Biphenyl	9.19	154	1063044	44.098	ng	98
47) 2-Chloronaphthalene	9.22	162	841109	43.298	ng	97
48) 2-Nitroaniline	9.32	65	244014	45.035	ng	98
49) Acenaphthylene	9.63	152	1276318	45.490	ng	100
50) Dimethylphthalate	9.49	163	1031134	45.209	ng	99
51) 2,6-Dinitrotoluene	9.56	165	232032	45.790	ng	98
52) Acenaphthene	9.80	154	757588	44.780	ng	99
53) 3-Nitroaniline	9.73	138	159862	28.457	ng	91
54) 2,4-Dinitrophenol	9.85	184	186939	76.287	ng	# 88
55) Dibenzofuran	9.97	168	1129065	44.712	ng	98
56) 4-Nitrophenol	9.93	139	237961	70.502	ng	99
57) 2,4-Dinitrotoluene	9.97	165	290119	44.170	ng	98
58) Fluorene	10.32	166	917455	46.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	249609	44.390	ng	98
60) Diethylphthalate	10.19	149	990913	46.102	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	475712	45.802	ng	97
62) 4-Nitroaniline	10.35	138	206650	35.954	ng	96
63) Azobenzene	10.46	77	875023	46.836	ng	95
65) 4,6-Dinitro-2-methylphenol	10.39	198	161963	48.160	ng	96
66) n-Nitrosodiphenylamine	10.43	169	835531	45.914	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	315890	43.484	ng	96
68) Hexachlorobenzene	10.87	284	363483	43.397	ng	100
69) Atrazine	10.96	200	292804	46.052	ng	99
70) Pentachlorophenol	11.07	266	247285	73.293	ng	97
71) Phenanthrene	11.27	178	1351239	44.582	ng	98
72) Anthracene	11.33	178	1388037	45.835	ng	99
73) Carbazole	11.49	167	1193428	44.236	ng	99
74) Di-n-butylphthalate	11.81	149	1485285	45.461	ng	99
75) Fluoranthene	12.46	202	1416233	44.021	ng	99
77) Benzidine	12.58	184	508354	33.559	ng	99
78) Pyrene	12.69	202	1414799	47.304	ng	99
80) Butylbenzylphthalate	13.30	149	600914	47.738	ng	98
81) Benzo(a)anthracene	13.88	228	1167297	45.995	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	330491	33.537	ng	100
83) Chrysene	13.92	228	1119014	44.251	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	808420	50.835	ng	100
85) Di-n-octyl phthalate	14.47	149	1223019	48.268	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	939192	38.357	ng	100
88) Benzo(b)fluoranthene	14.91	252	988912	48.282	ng	99
89) Benzo(k)fluoranthene	14.94	252	945024	49.787	ng	99
90) Benzo(a)pyrene	15.26	252	838370	45.352	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	795251	48.893	ng	100
92) Benzo(g,h,i)perylene	17.14	276	797482	49.623	ng	99

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

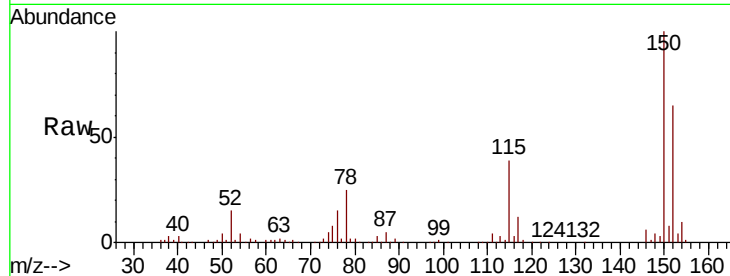


#1

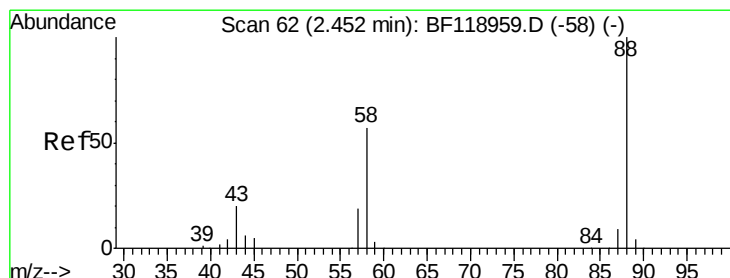
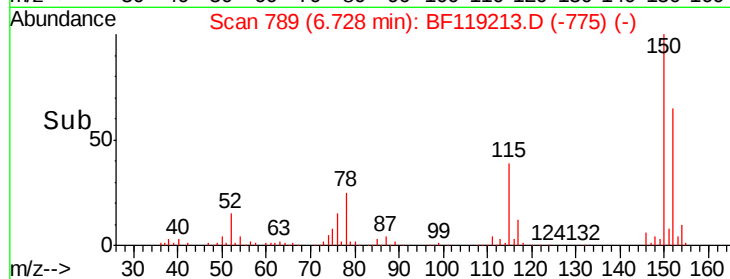
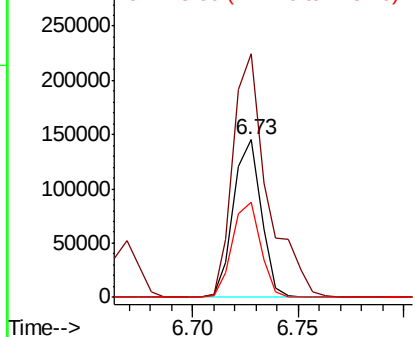
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 132479
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 60.3 49.5 74.3



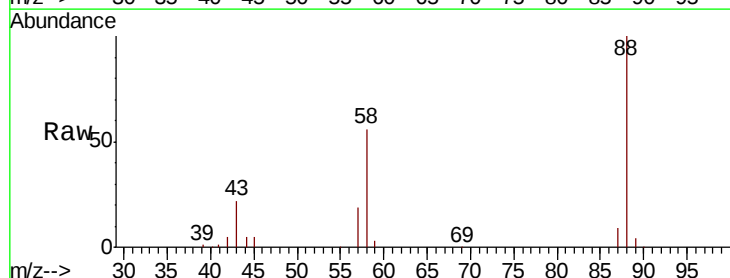
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



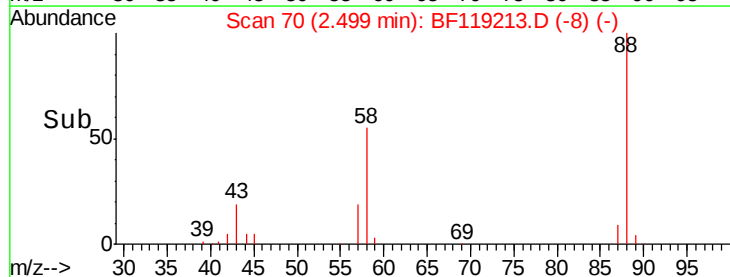
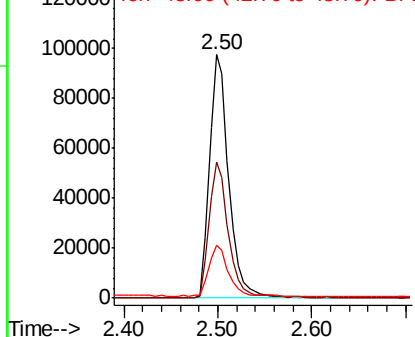
#2

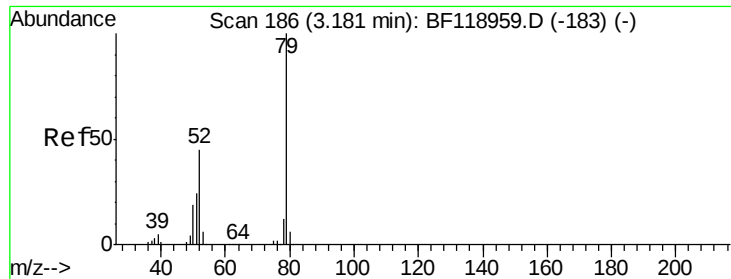
1,4-Dioxane
Concen: 39.832 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion: 88 Resp: 140585
Ion Ratio Lower Upper
88 100
58 56.0 43.8 65.6
43 21.3 16.2 24.4



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





#3

Pvridine

Concen: 36.027 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

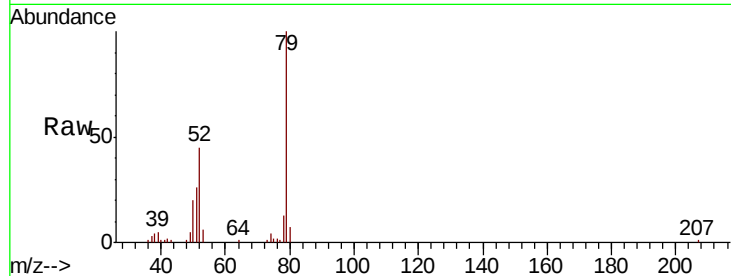
Tot Ion: 79 Resp: 347269

Ion Ratio Lower Upper

79 100

52 45.5 37.4 56.0

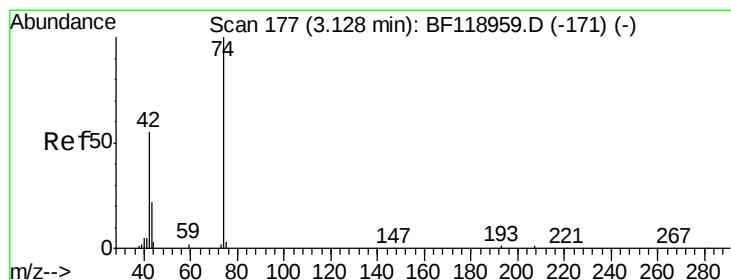
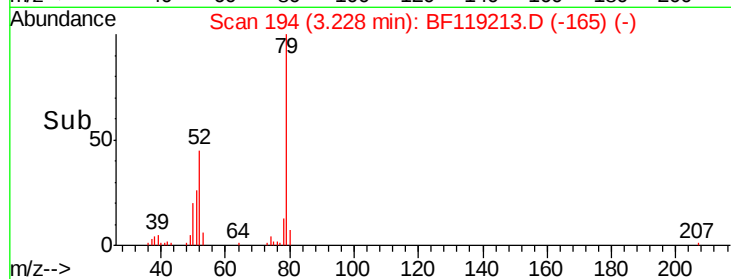
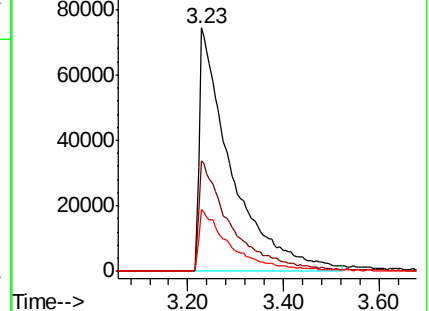
51 25.5 19.8 29.6



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: 48.368 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.05 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

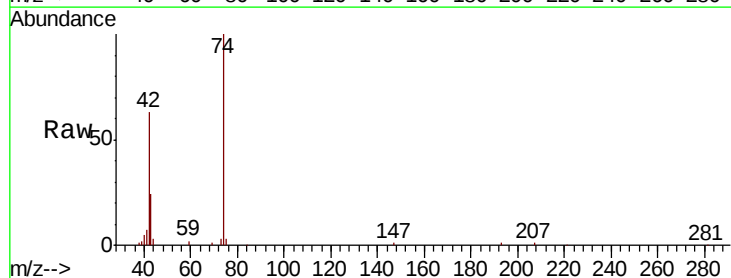
Tgt Ion: 42 Resp: 141233

Ion Ratio Lower Upper

42 100

74 159.3 137.7 206.5

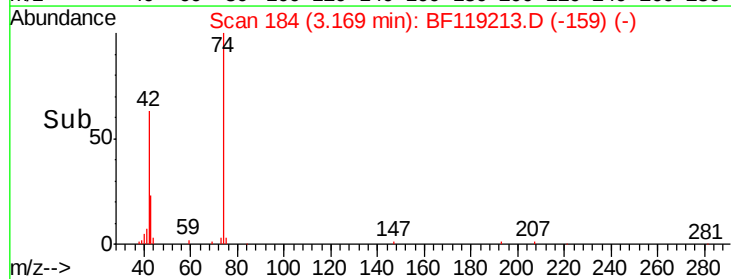
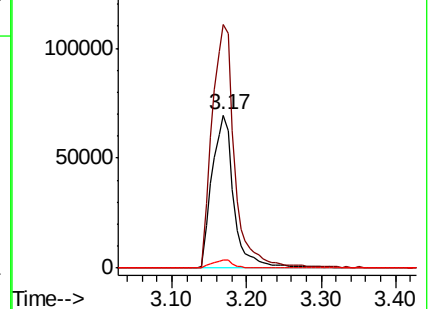
44 5.1 4.5 6.7

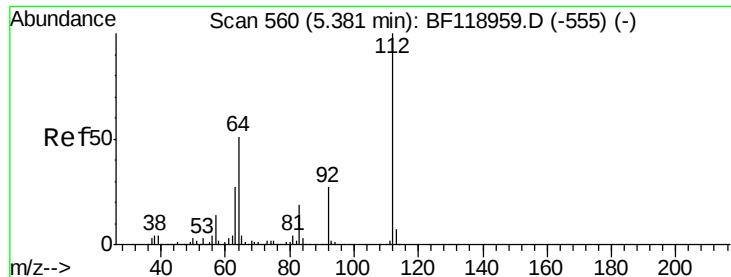


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 127.874 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampled :

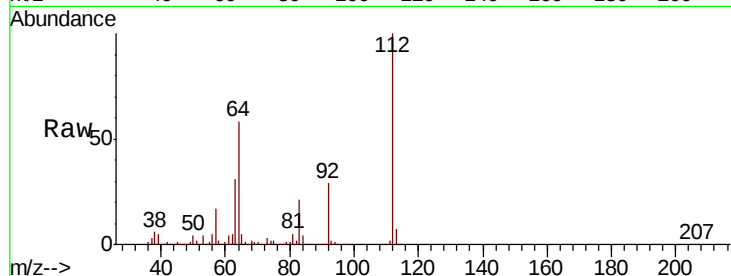
Tot Ion:112 Resp: 1013691

Ion Ratio Lower Upper

112 100

64 57.5 45.0 67.4

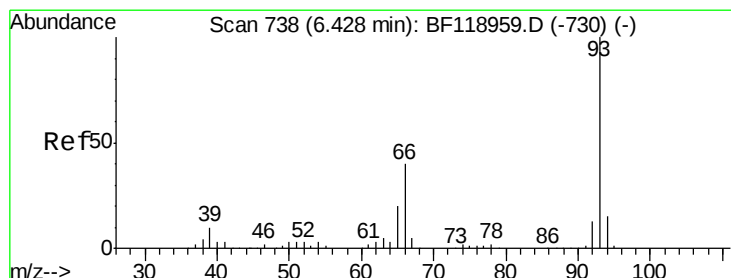
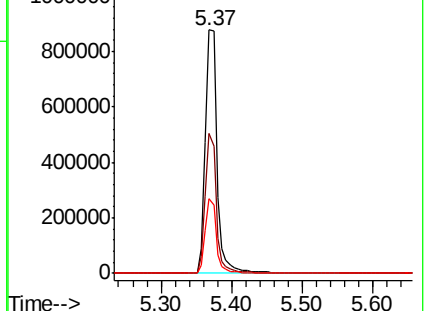
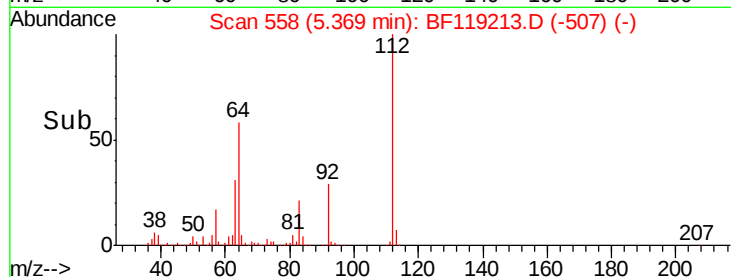
63 30.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.403 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

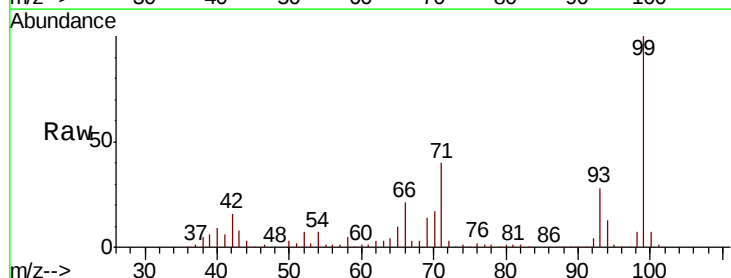
Tgt Ion: 93 Resp: 385471

Ion Ratio Lower Upper

93 100

66 73.5 74.5 111.7#

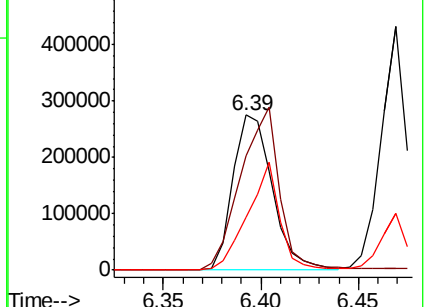
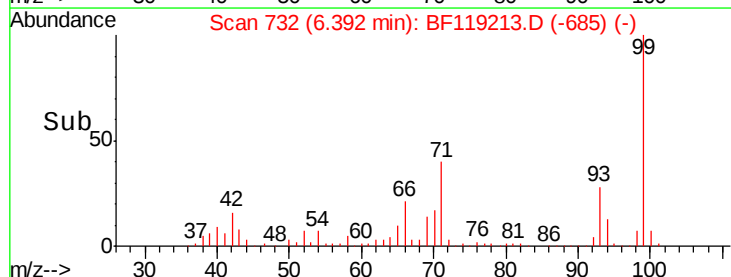
65 34.0 45.3 67.9#

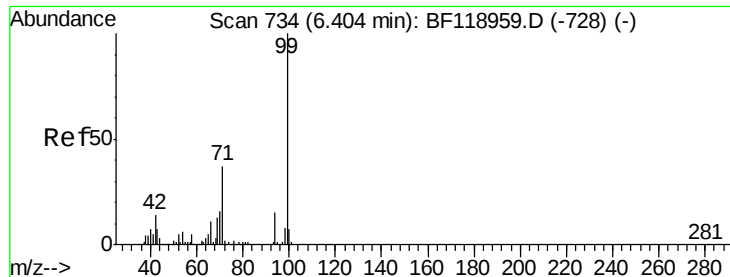


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.976 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

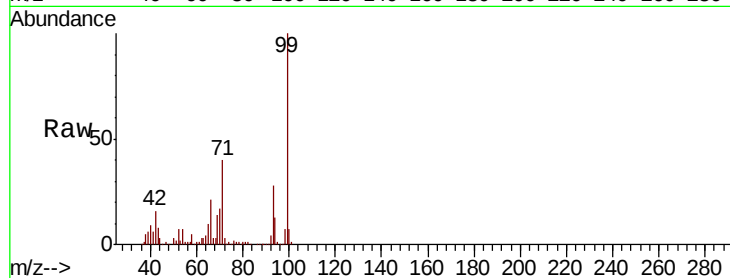
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1233823

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.6	18.8
71	40.0	31.0	46.4

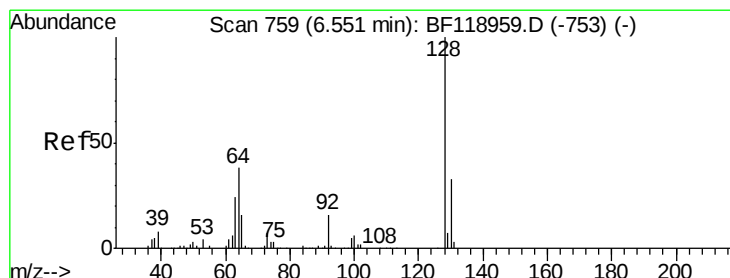
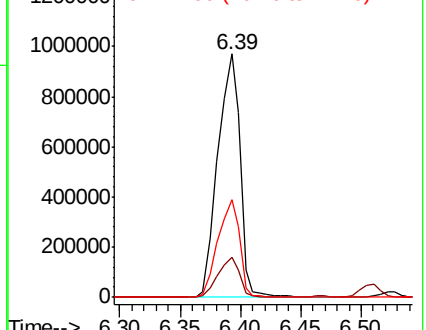
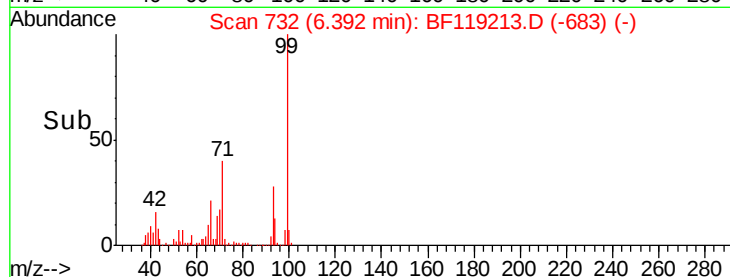


Abundance

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: 49.525 ng

RT: 6.53 min Scan# 755

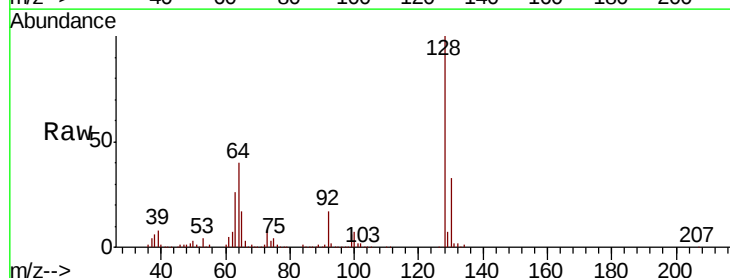
Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion: 128 Resp: 423692

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.7	52.7
64	39.9	22.3	62.3

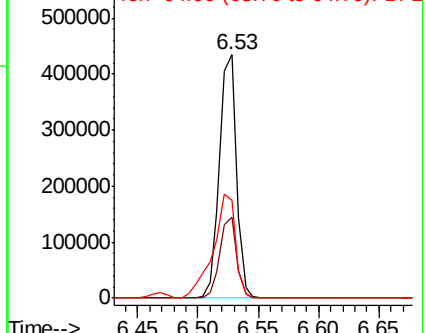
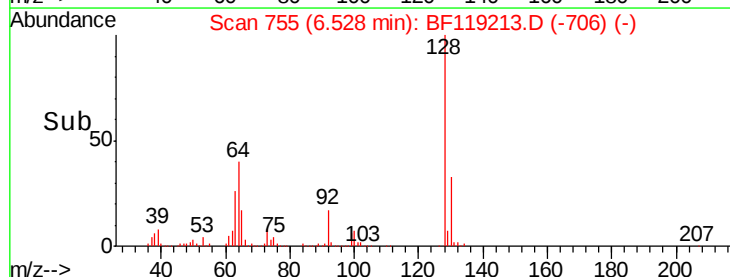


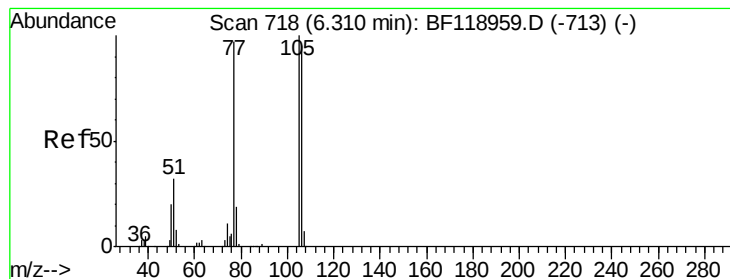
Abundance

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: 26.220 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

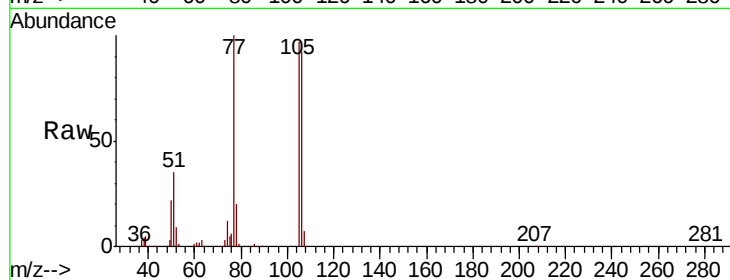
Tot Ion: 77 Resp: 168892

Ion Ratio Lower Upper

77 100

105 97.3 80.1 120.1

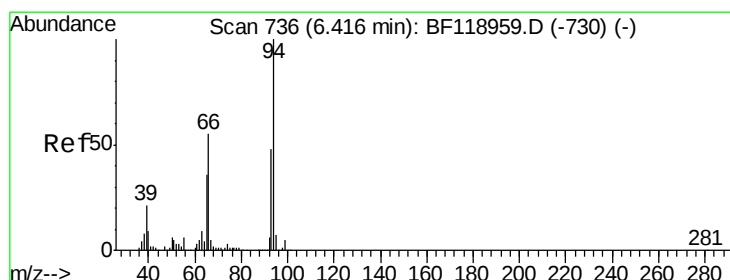
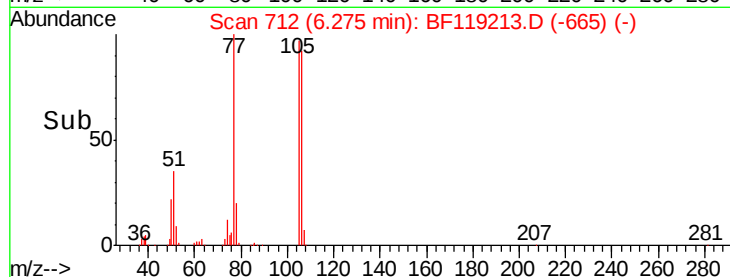
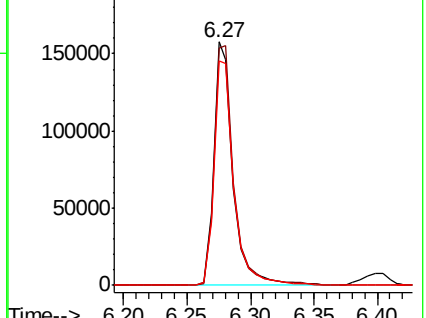
106 92.3 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.215 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

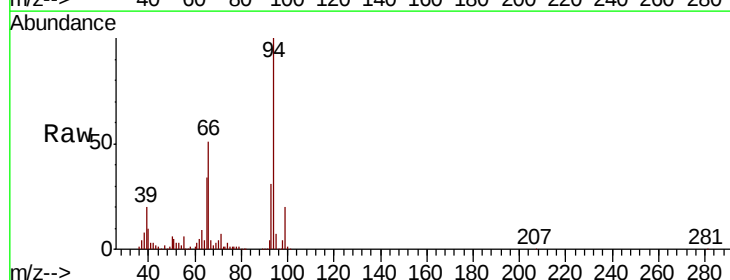
Tgt Ion: 94 Resp: 502577

Ion Ratio Lower Upper

94 100

65 34.1 19.2 59.2

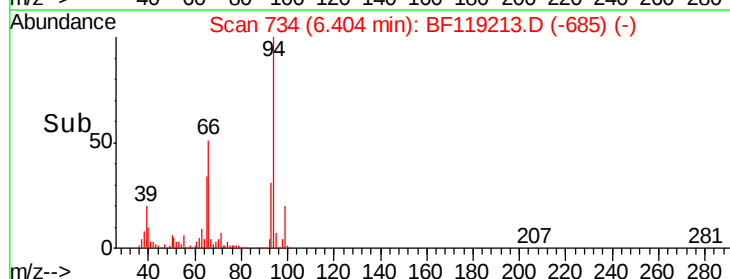
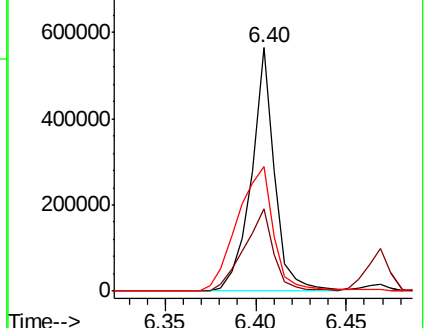
66 51.1 44.4 84.4

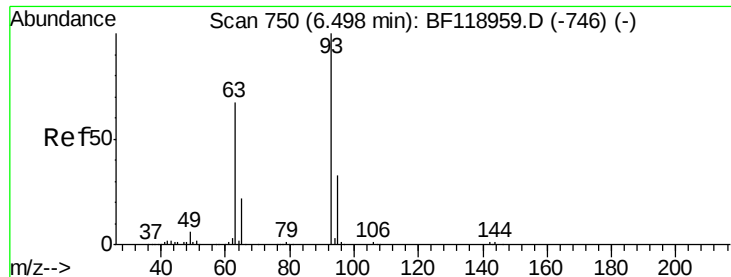


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.824 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

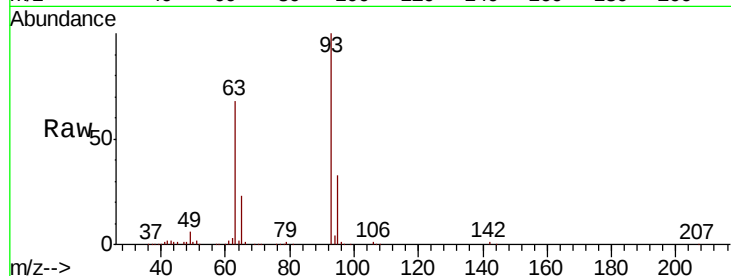
Tot Ion: 93 Resp: 381425

Ion Ratio Lower Upper

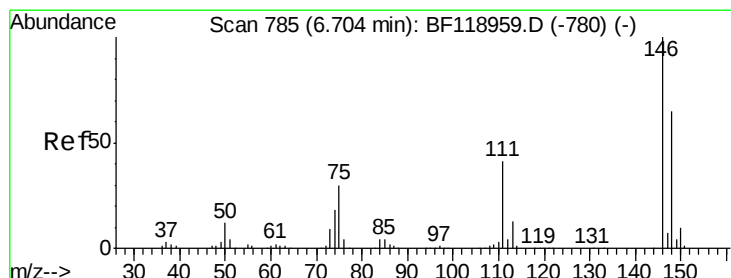
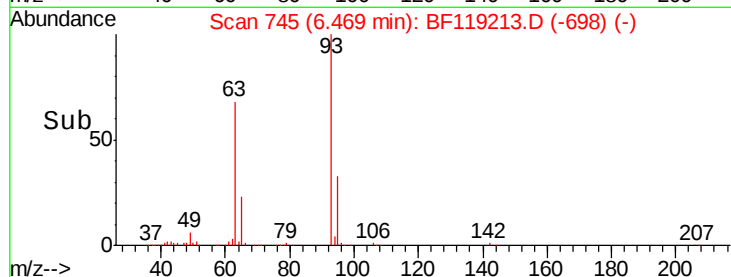
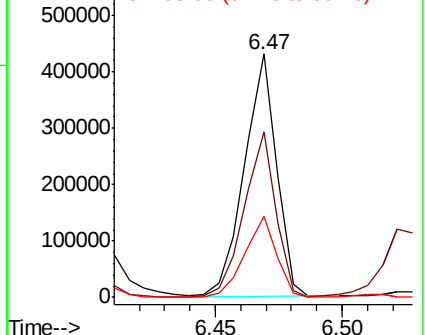
93 100

63 68.2 45.4 85.4

95 33.2 13.5 53.5



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: 44.155 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

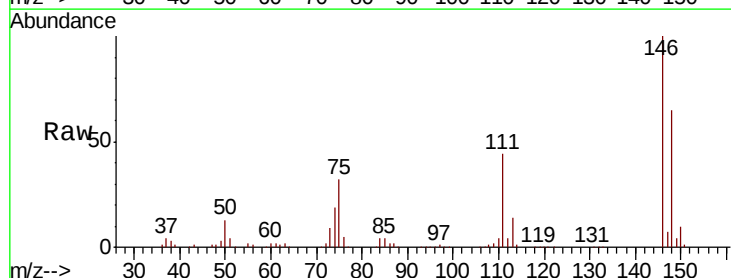
Tgt Ion: 146 Resp: 452753

Ion Ratio Lower Upper

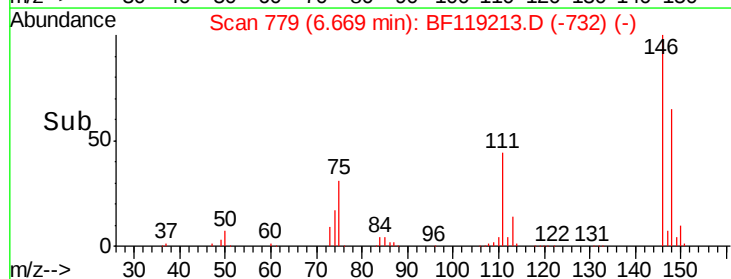
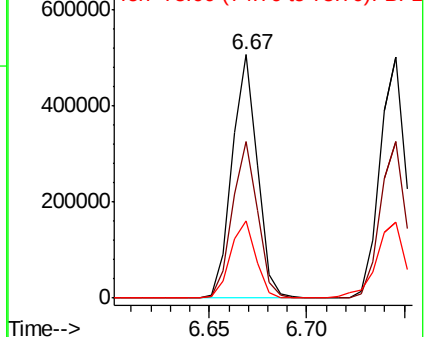
146 100

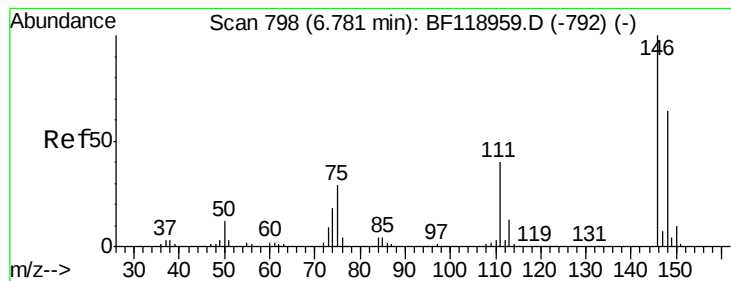
148 64.6 52.5 78.7

75 31.8 23.6 35.4



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: 45.118 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

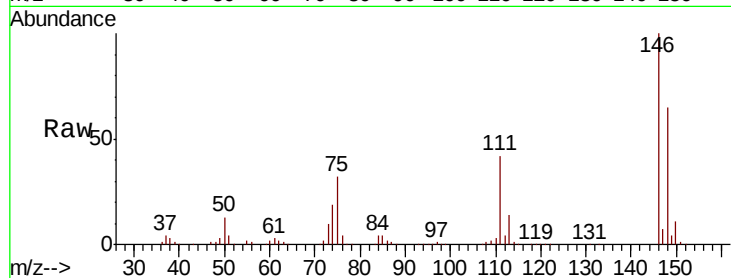
Tot Ion:146 Resp: 462946

Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

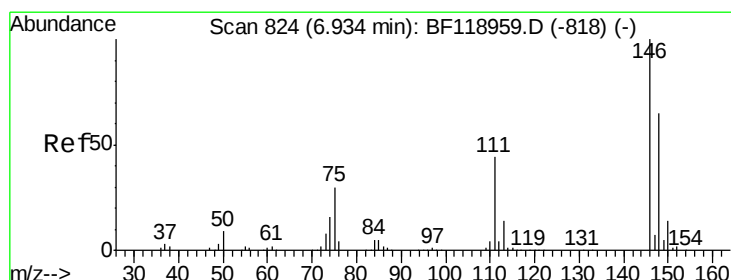
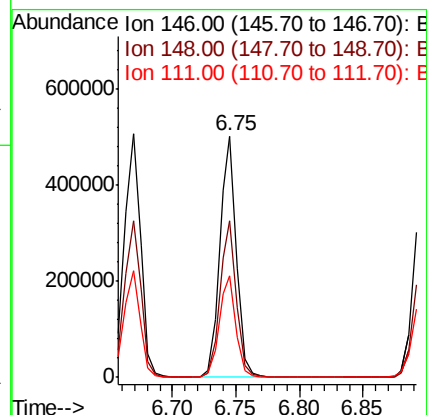
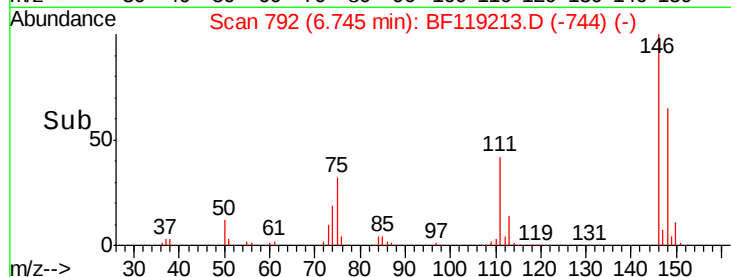
111 41.9 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.969 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

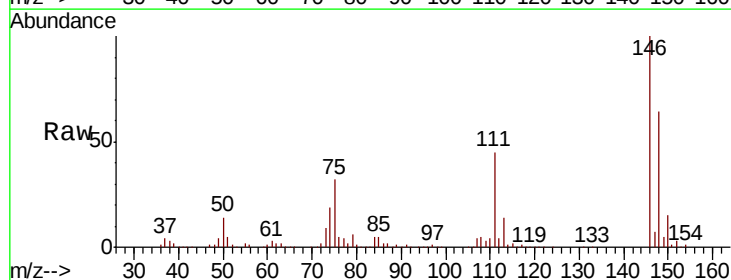
Tgt Ion:146 Resp: 430169

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

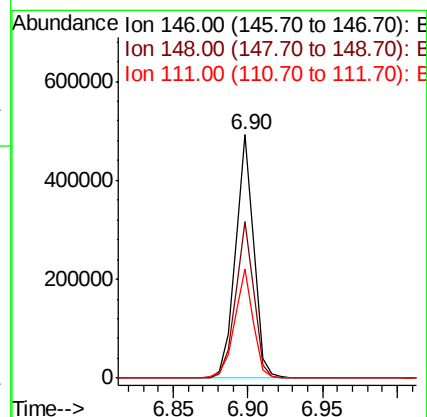
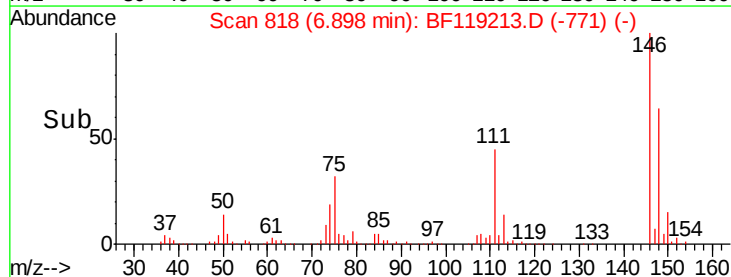
111 44.7 36.2 54.2

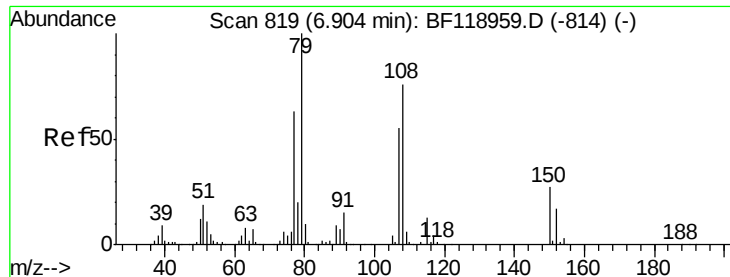


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.345 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampled :

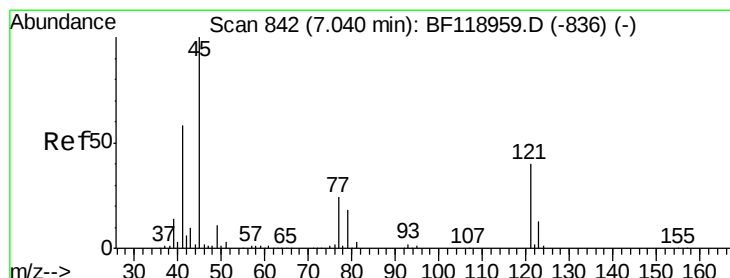
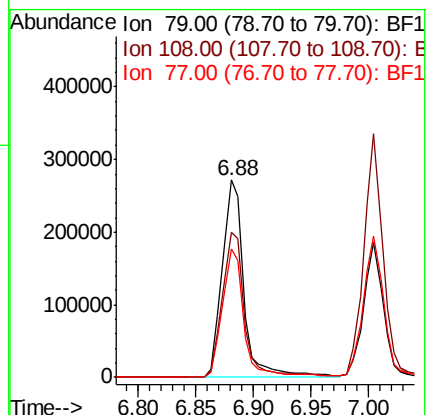
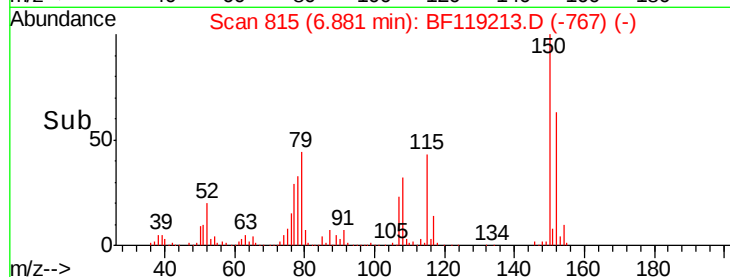
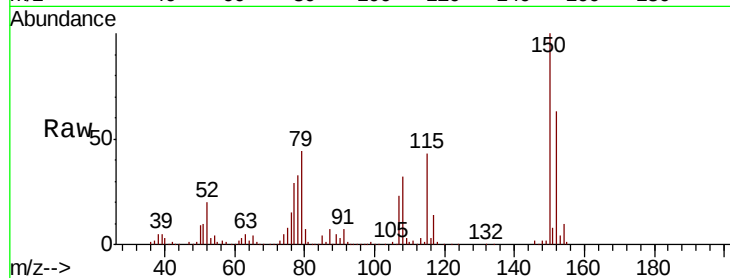
Tot Ion: 79 Resp: 357765

Ion Ratio Lower Upper

79 100

108 73.6 58.2 87.2

77 65.3 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.845 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

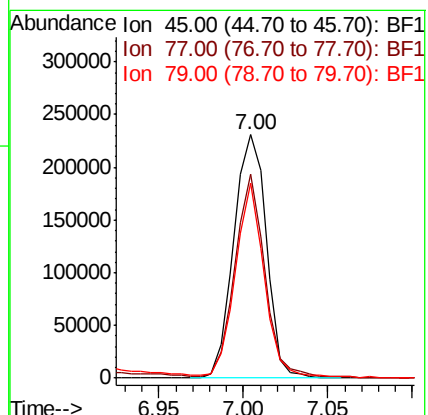
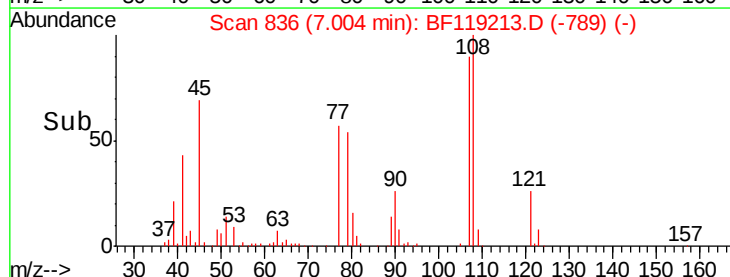
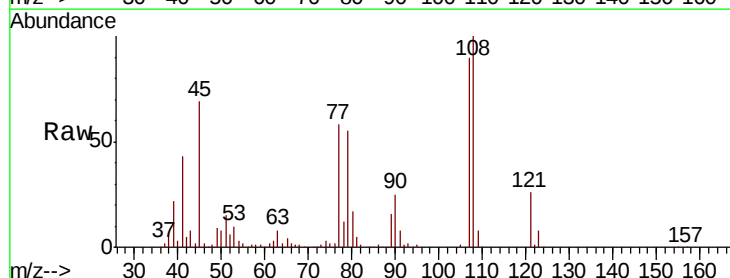
Tgt Ion: 45 Resp: 309829

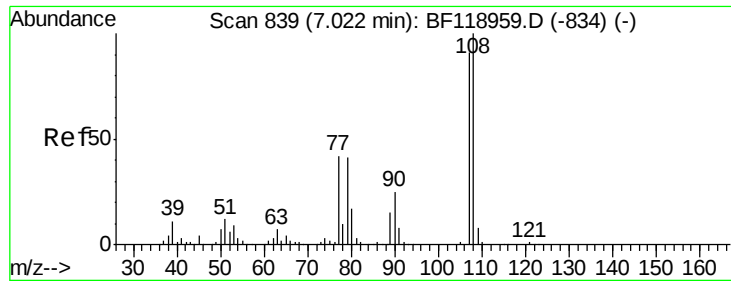
Ion Ratio Lower Upper

45 100

77 84.0 15.0 55.0#

79 80.2 9.4 49.4#

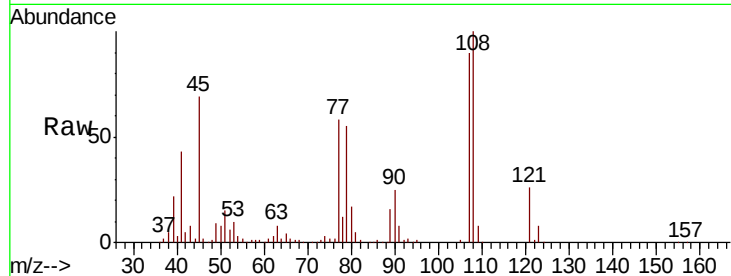




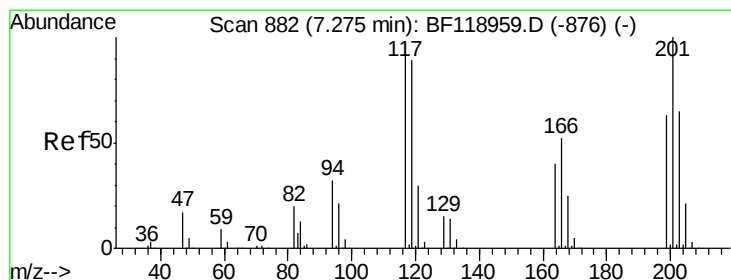
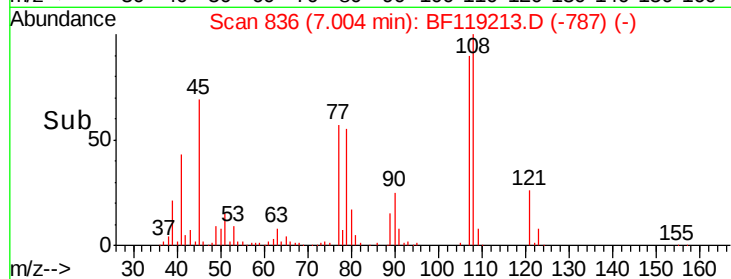
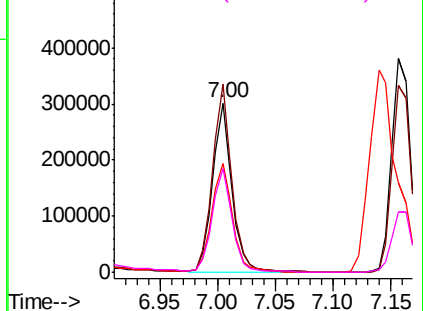
#17
2-Methylphenol
Concen: 50.668 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 351433
Ion Ratio Lower Upper
107 100
108 111.0 87.9 131.9
77 64.2 45.3 67.9
79 61.3 43.0 64.4

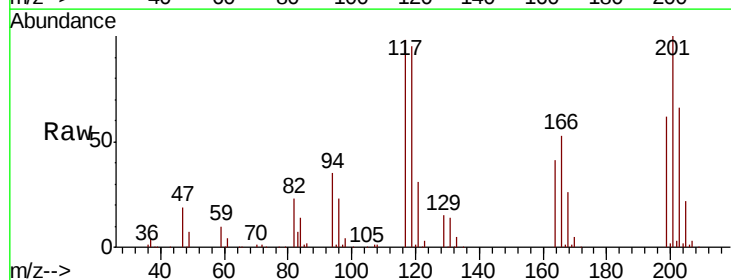


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

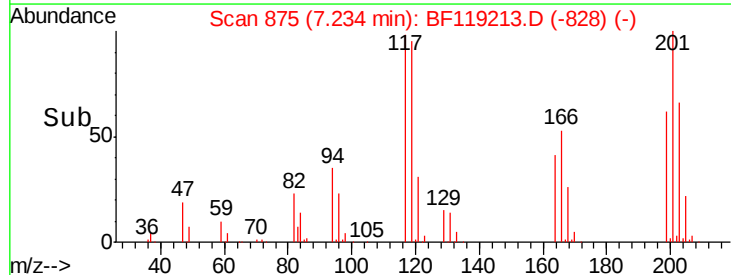
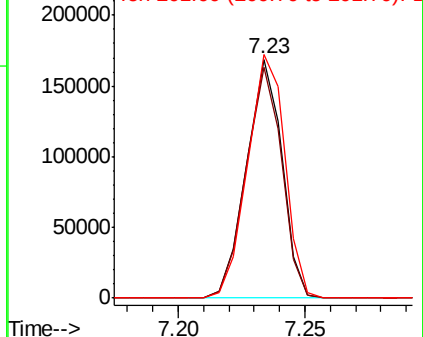


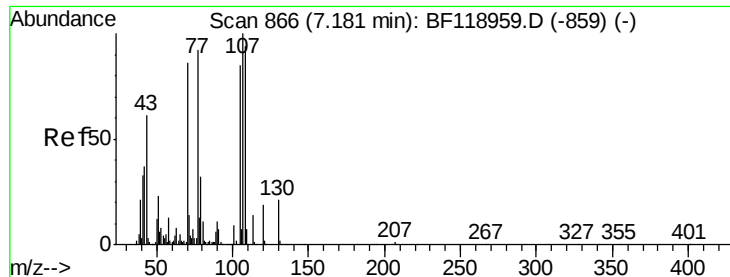
#18
Hexachloroethane
Concen: 45.073 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:117 Resp: 165461
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
201 102.1 82.6 123.8



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

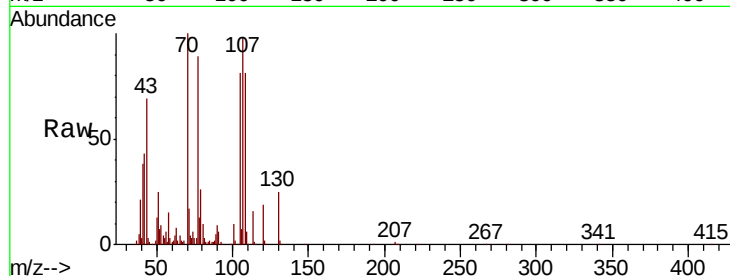




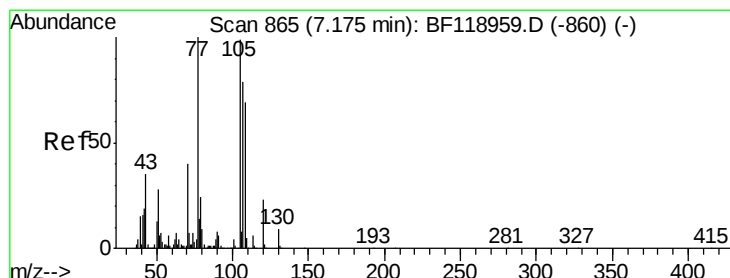
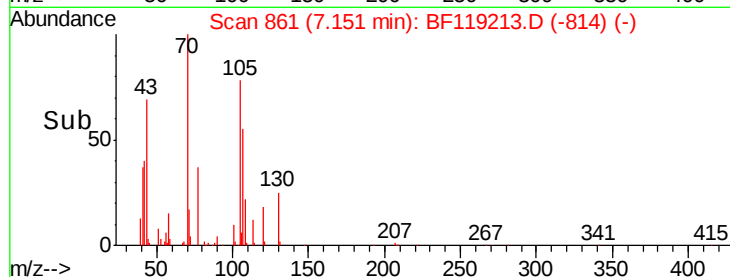
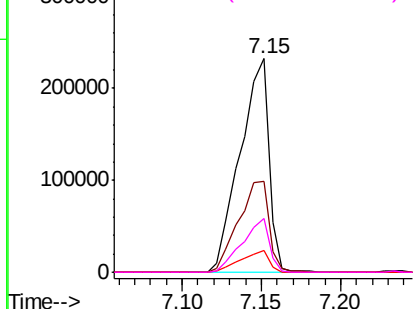
#19
n-Nitroso-di-n-propylamine
Concen: 52.197 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 293232
Ion Ratio Lower Upper
70 100
42 42.5 38.0 57.0
101 10.3 8.2 12.4
130 25.0 18.2 27.4



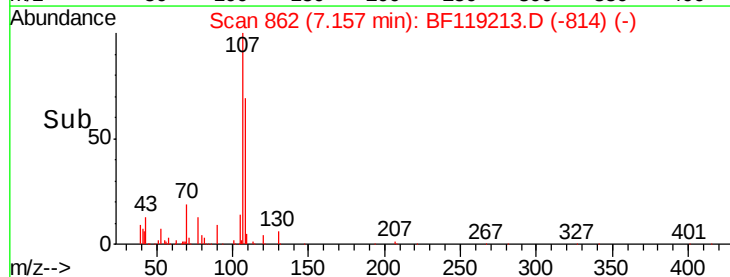
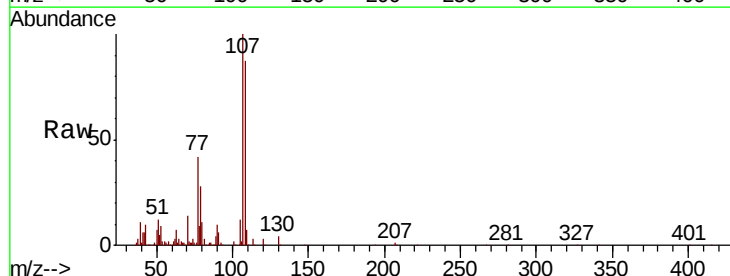
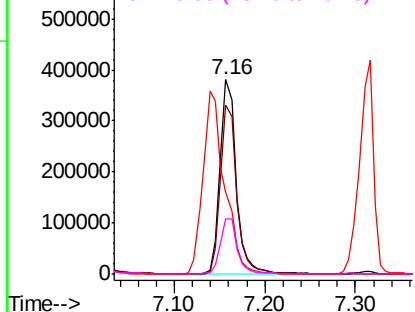
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

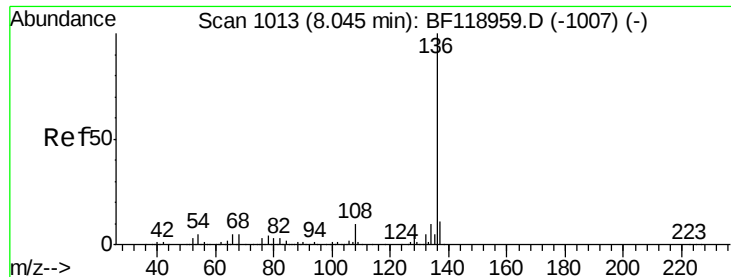


#20
3+4-Methylphenols
Concen: 54.387 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion: 107 Resp: 462158
Ion Ratio Lower Upper
107 100
108 87.3 71.5 111.5
77 42.0 45.9 85.9#
79 28.4 13.8 53.8

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 517506

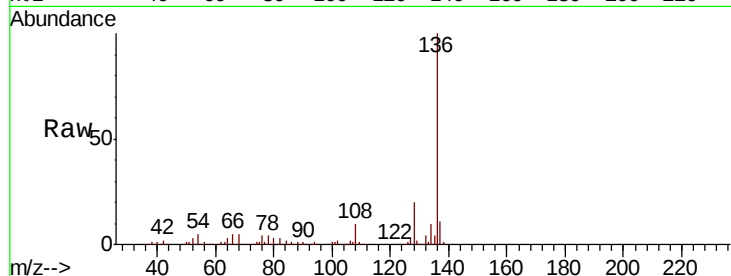
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.9 3.8 5.6

68 5.0 3.9 5.9

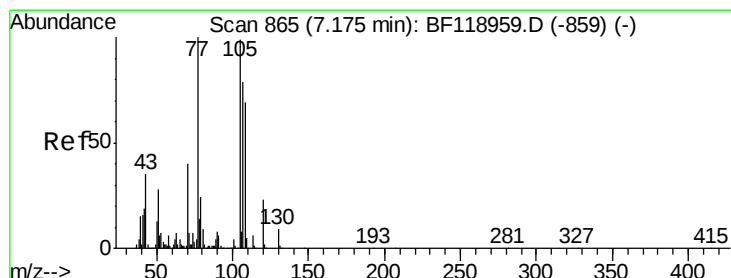
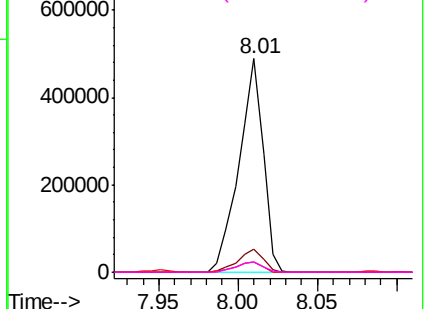
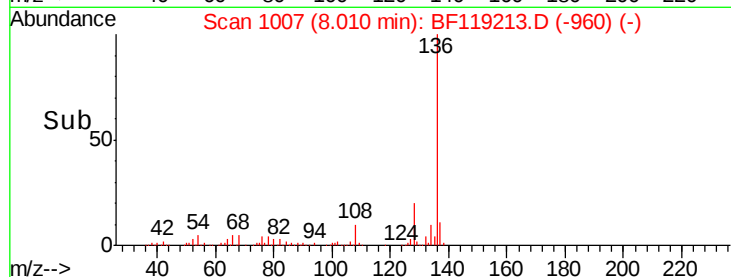


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.730 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:105 Resp: 583477

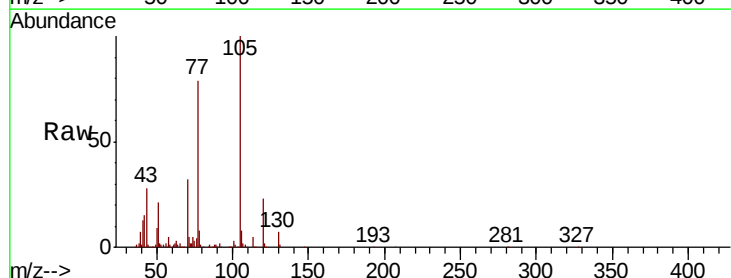
Ion Ratio Lower Upper

105 100

71 5.3 3.0 4.4#

51 21.1 20.1 30.1

120 22.9 18.0 27.0

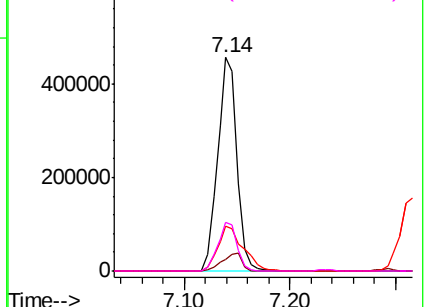
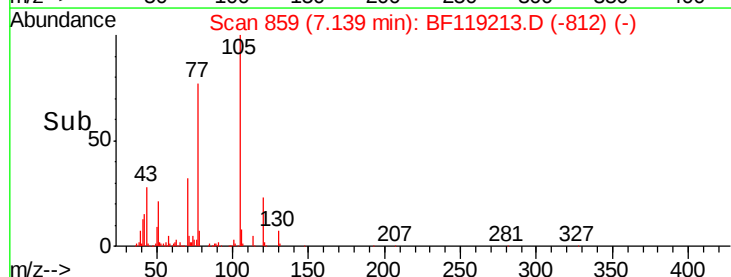


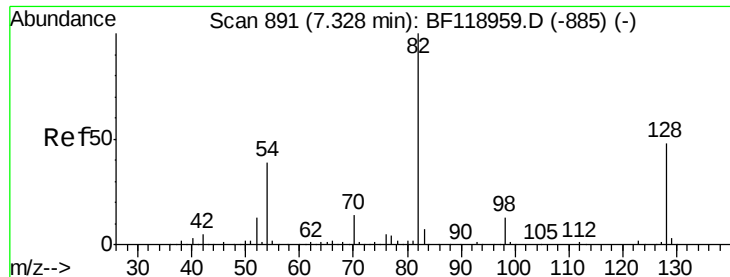
Abundance Ion 105.00 (104.70 to 105.70): E

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

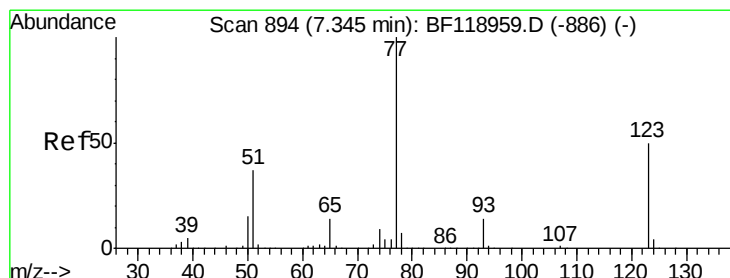
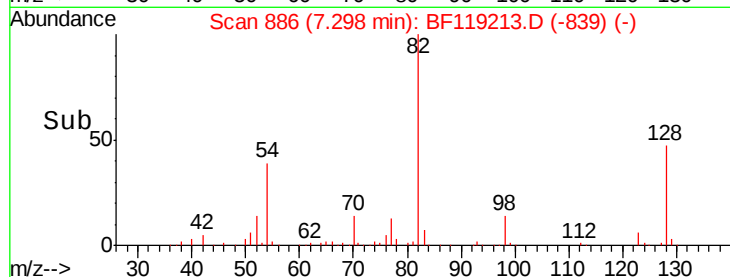
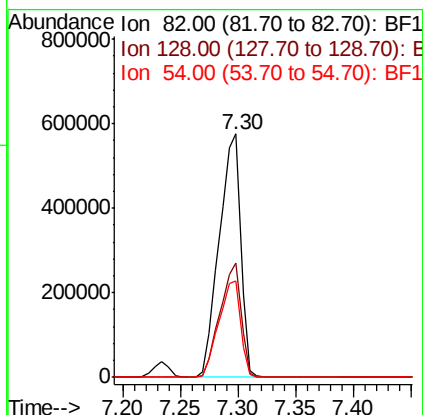
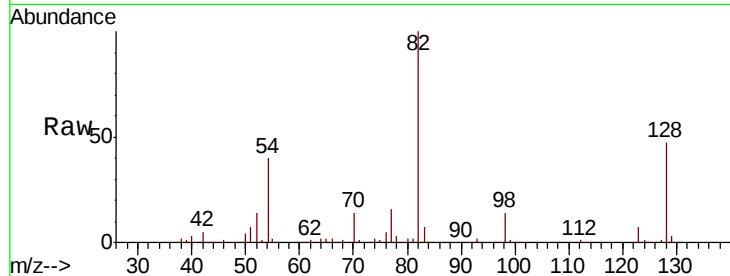




#23
 Nitrobenzene-d5
 Concen: 76.121 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

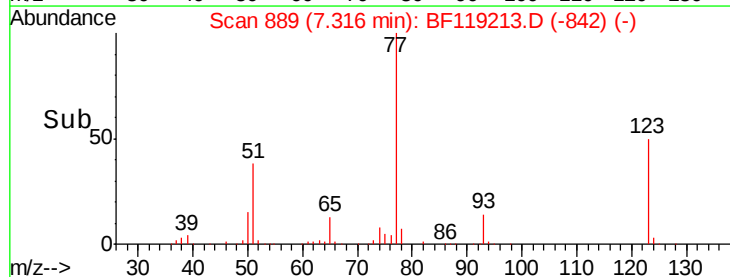
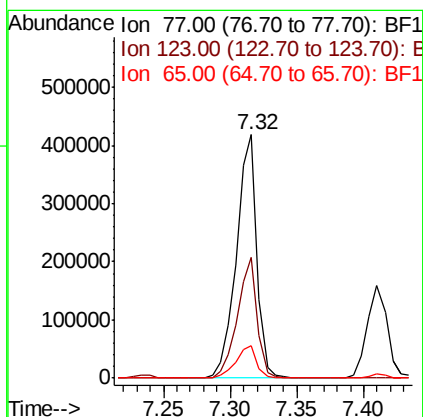
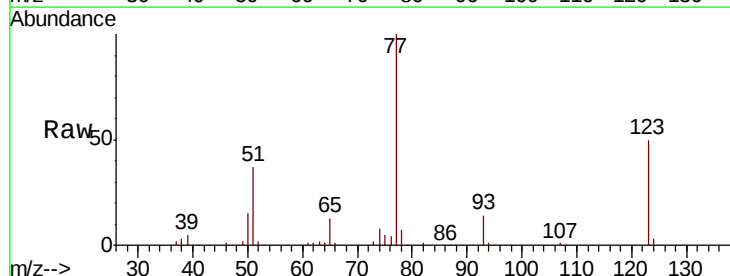
Instrument :
 BNA_F
 ClientSampleId :

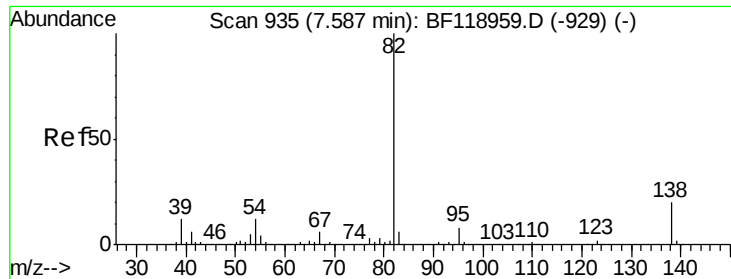
Tot Ion: 82 Resp: 746080
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.9 56.9
 54 39.6 33.4 50.2



#24
 Nitrobenzene
 Concen: 46.097 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion: 77 Resp: 446792
 Ion Ratio Lower Upper
 77 100
 123 49.5 40.2 60.2
 65 13.4 10.8 16.2

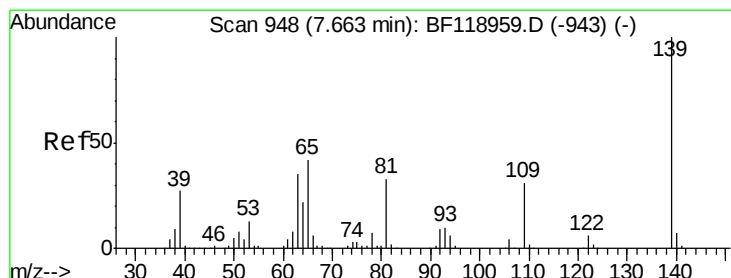
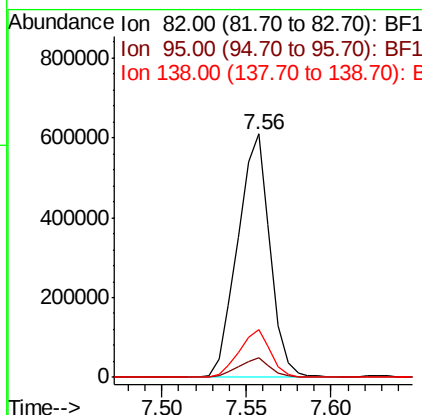
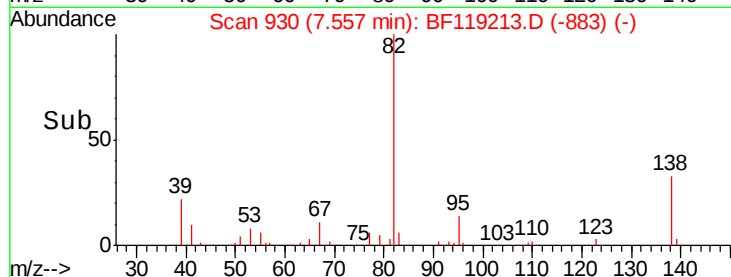
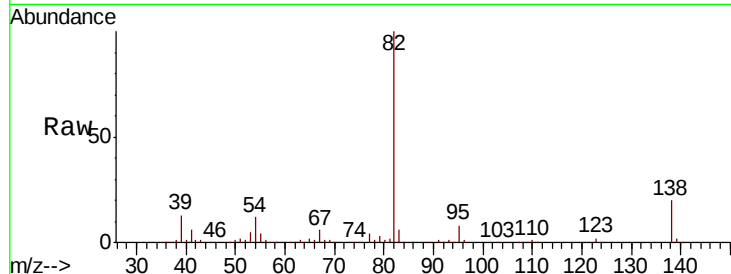




#25
Isophorone
Concen: 47.689 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

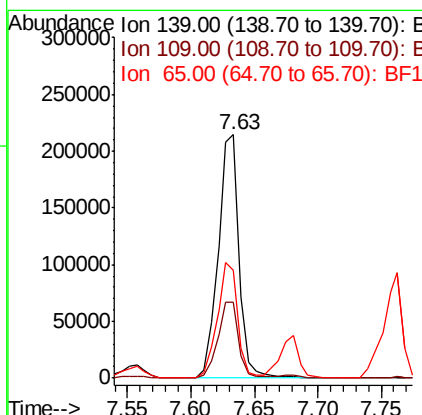
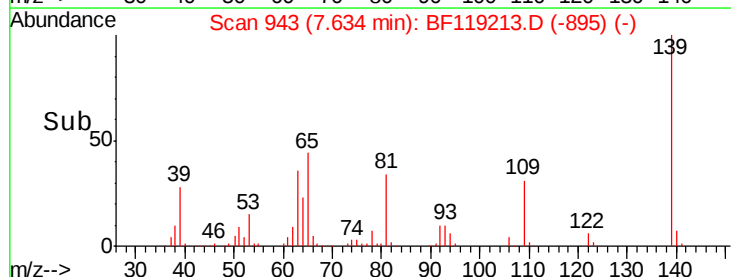
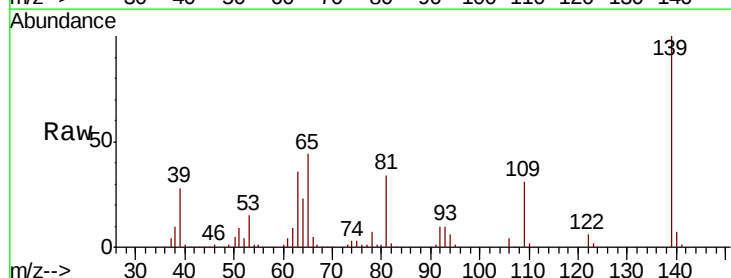
Instrument :
BNA_F
ClientSampleId :

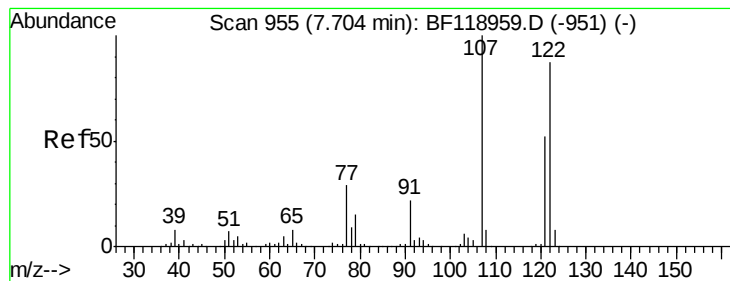
Tot Ion: 82 Resp: 811763
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.6 15.7 23.5



#26
2-Nitrophenol
Concen: 47.939 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion: 139 Resp: 246194
Ion Ratio Lower Upper
139 100
109 31.1 25.7 38.5
65 44.2 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 54.199 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

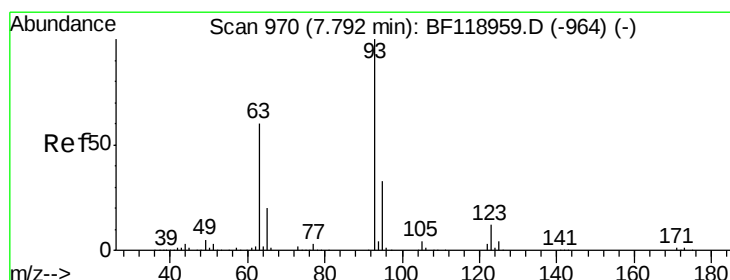
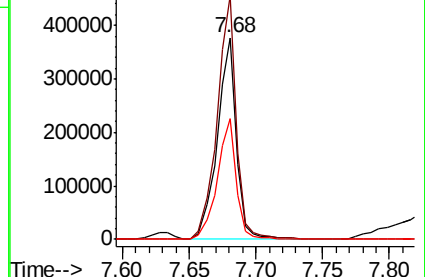
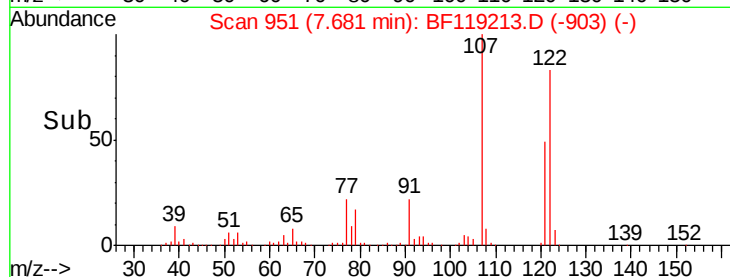
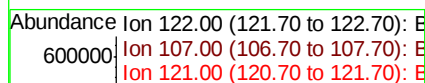
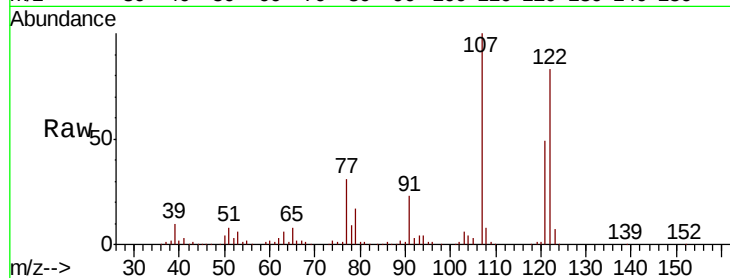
Tot Ion:122 Resp: 377760

Ion Ratio Lower Upper

122 100

107 120.9 93.8 140.6

121 59.8 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 44.796 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

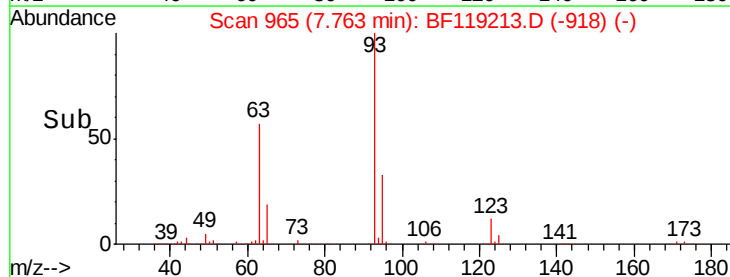
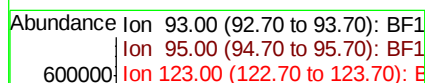
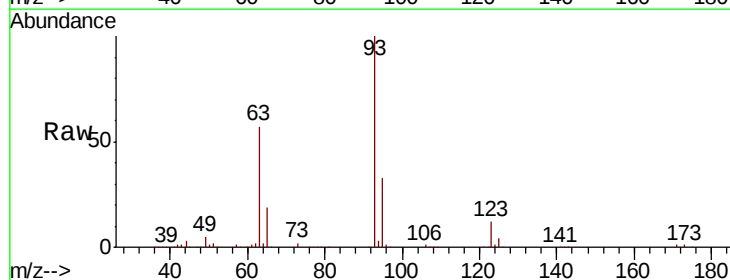
Tgt Ion: 93 Resp: 496321

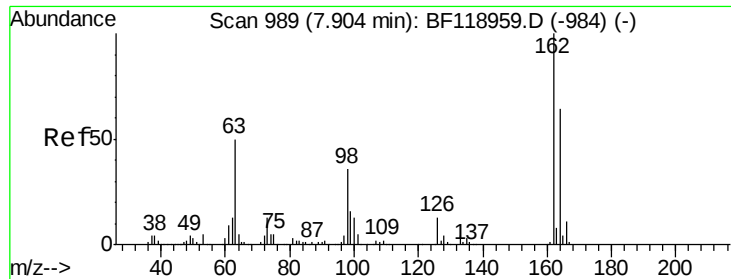
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 12.1 10.2 15.2

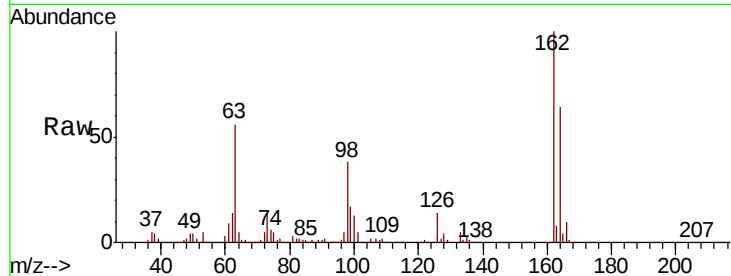




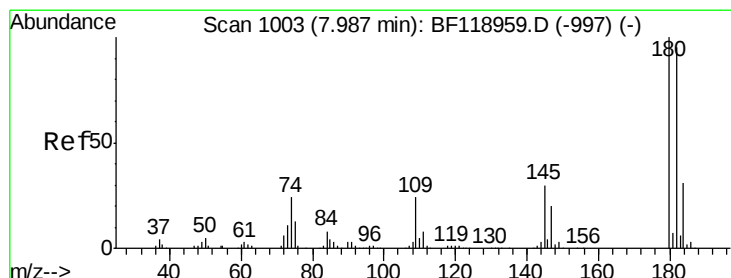
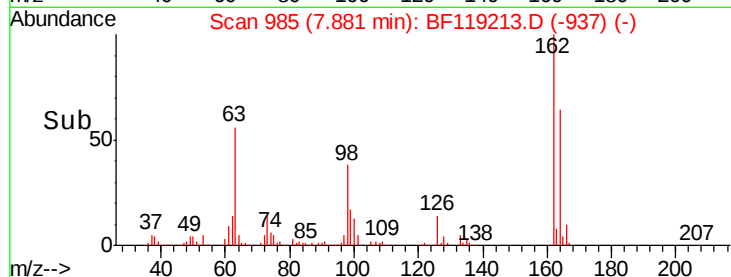
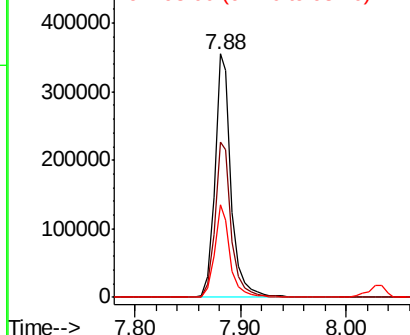
#29
2,4-Dichlorophenol
Concen: 46.910 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 384902
Ion Ratio Lower Upper
162 100
164 64.0 45.2 85.2
98 38.0 17.4 57.4

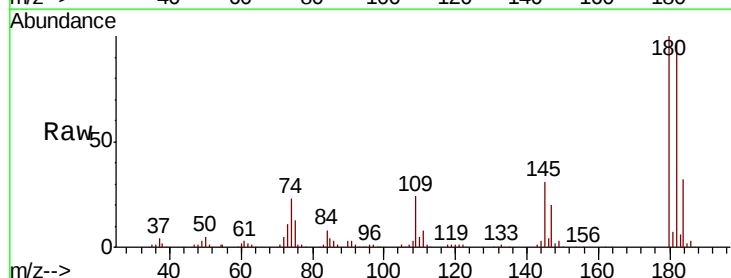


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

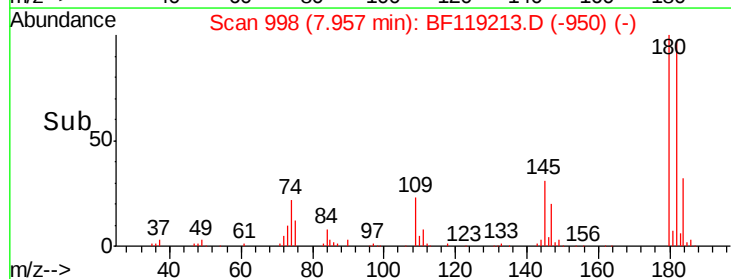
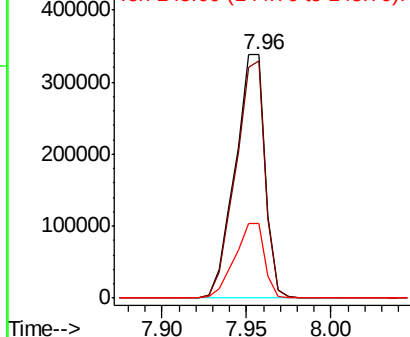


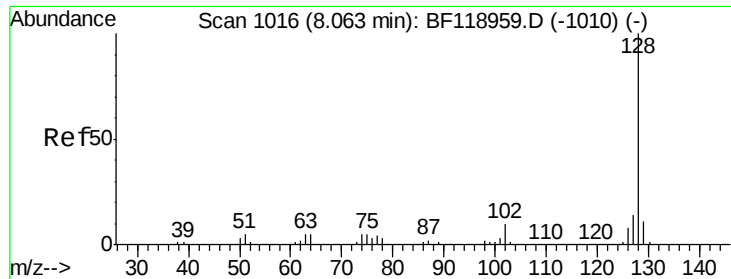
#30
1,2,4-Trichlorobenzene
Concen: 42.788 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:180 Resp: 416258
Ion Ratio Lower Upper
180 100
182 97.2 77.8 116.6
145 30.8 25.2 37.8



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

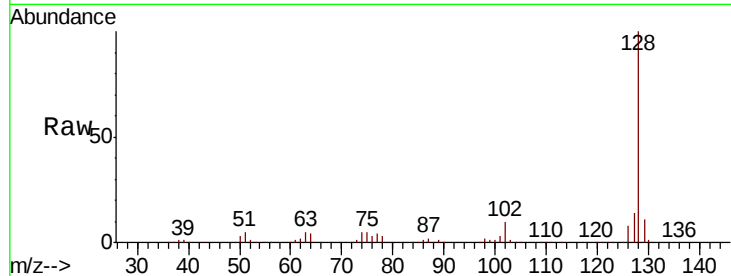




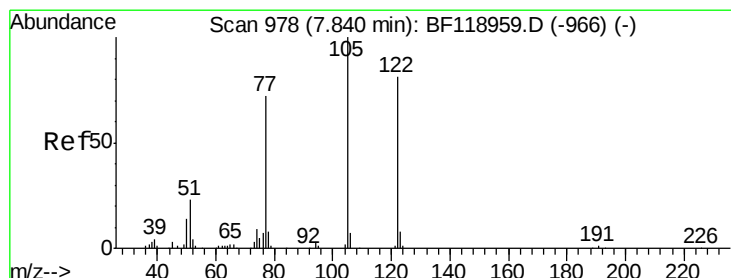
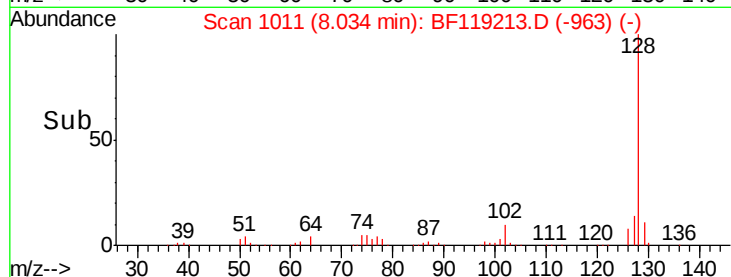
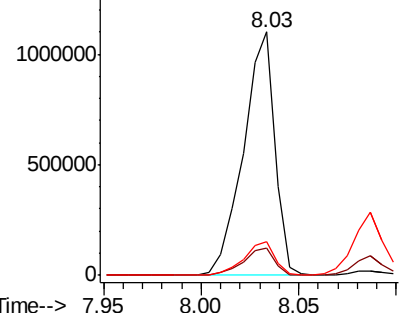
#31
Naphthalene
Concen: 45.771 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1228436
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.9 11.4 17.2

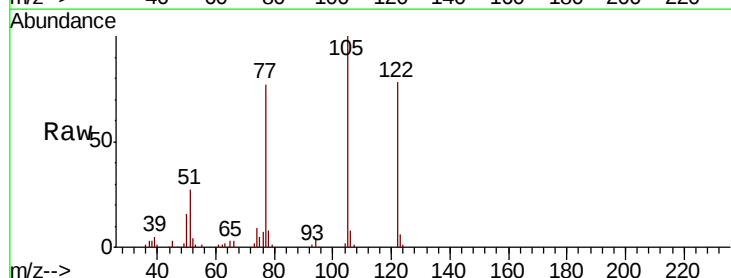


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

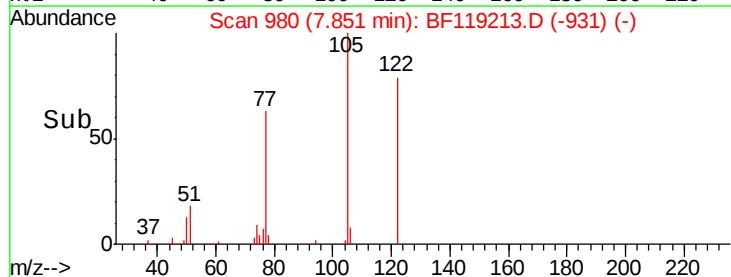
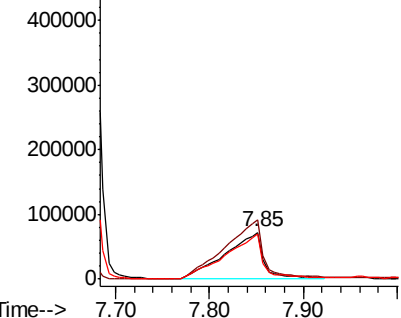


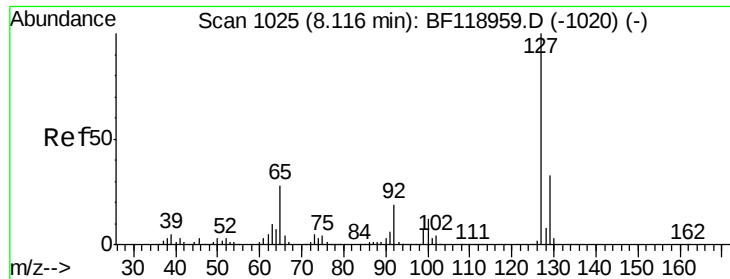
#32
Benzoic acid
Concen: 41.272 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:122 Resp: 204364
Ion Ratio Lower Upper
122 100
105 127.5 106.3 146.3
77 98.0 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

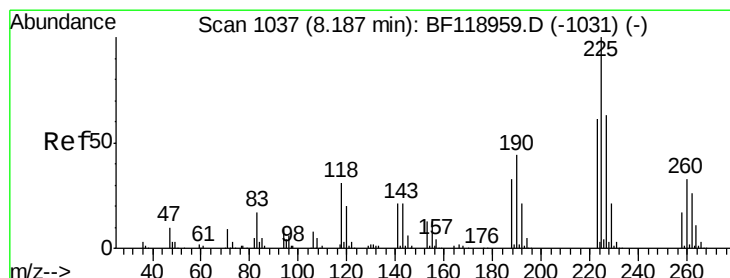
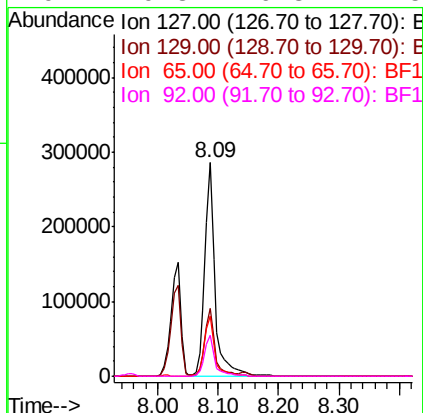
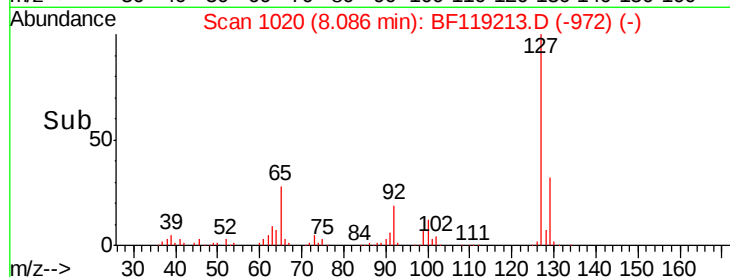
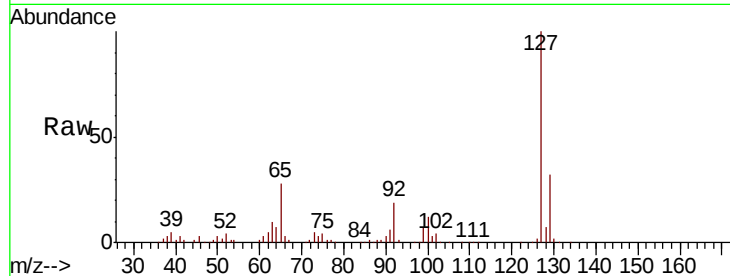




#33
4-Chloroaniline
Concen: 29.671 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

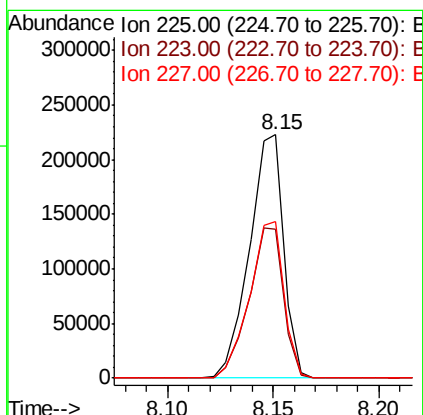
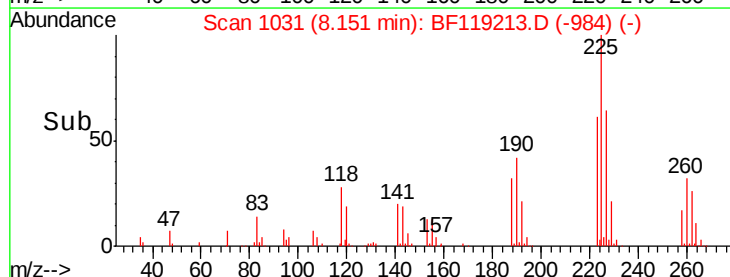
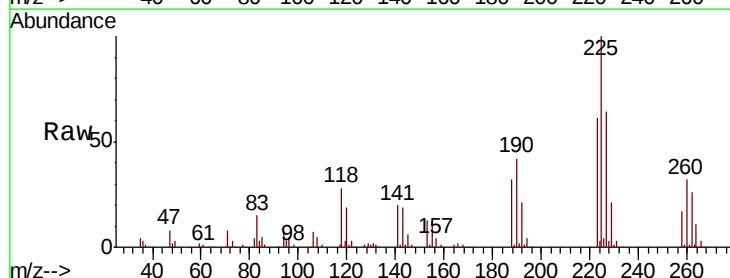
Instrument :
BNA_F
ClientSampled :

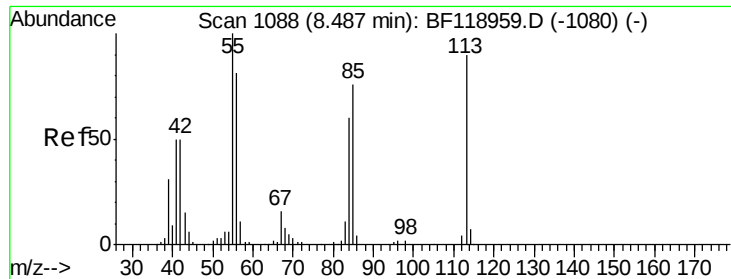
Tot Ion:	127	Resp:	342510
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	27.9	23.9	35.9
92	19.3	16.3	24.5



#34
Hexachlorobutadiene
Concen: 41.484 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:	225	Resp:	251381
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.4	74.2
227	64.2	52.9	79.3

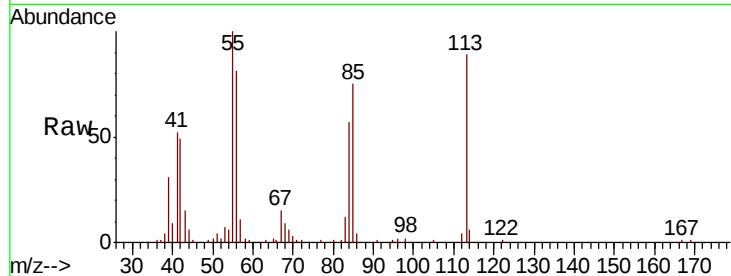




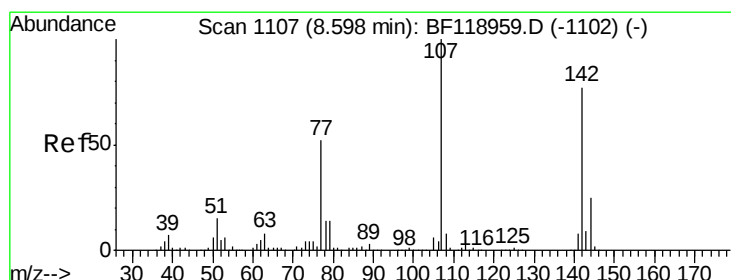
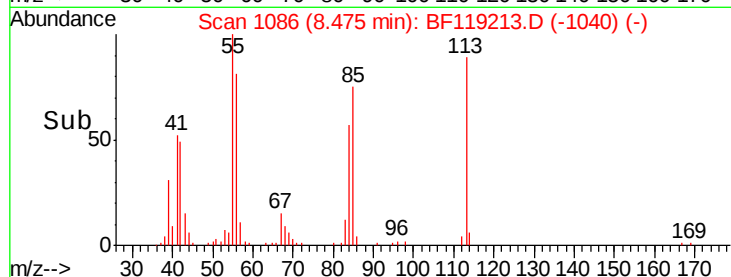
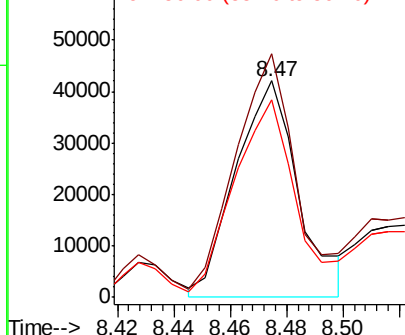
#35
Caprolactam
Concen: 25.629 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.03 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 64751
Ion Ratio Lower Upper
113 100
55 112.5 95.7 135.7
56 91.5 73.1 113.1

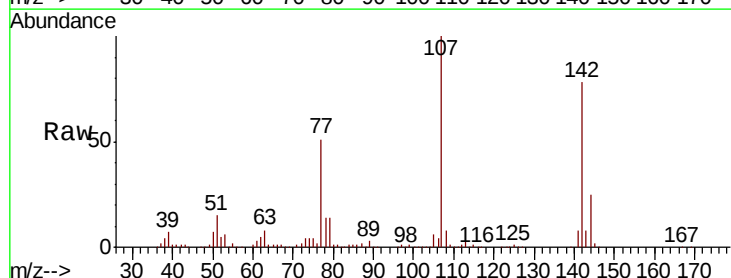


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

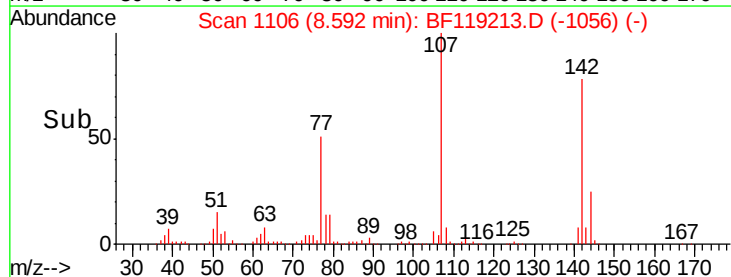
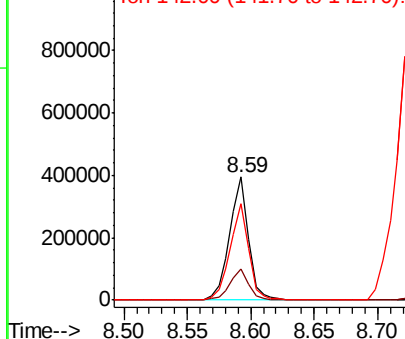


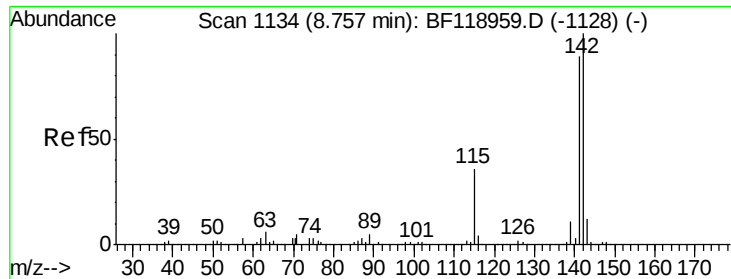
#36
4-Chloro-3-methylphenol
Concen: 49.419 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:107 Resp: 410372
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.2 61.4 92.2



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

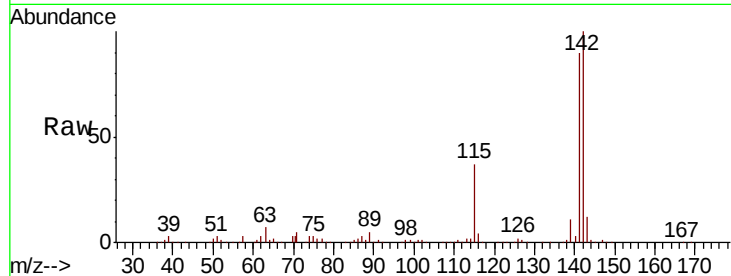




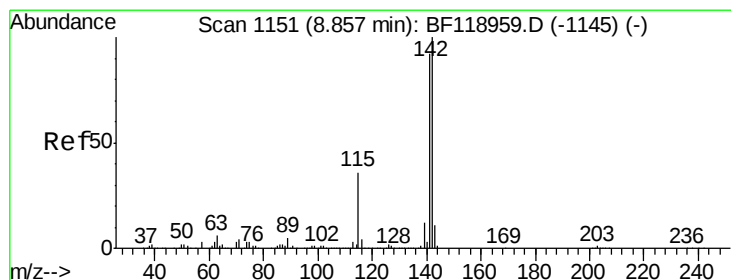
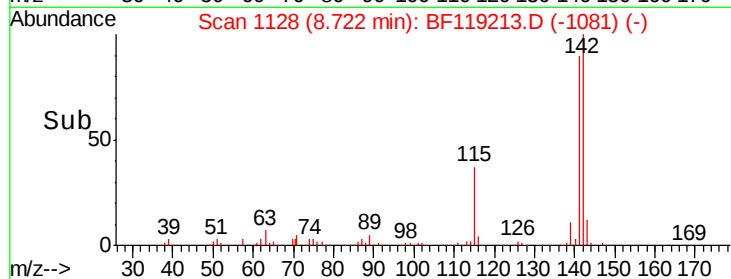
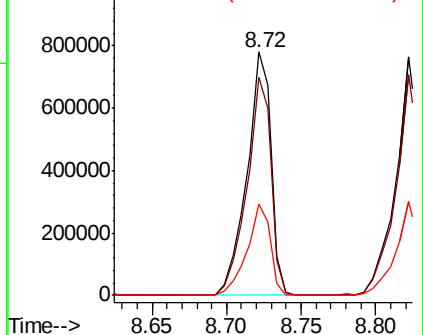
#37
 2-Methylnaphthalene
 Concen: 48.123 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 869183
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.3 108.5
 115 37.3 30.6 45.8

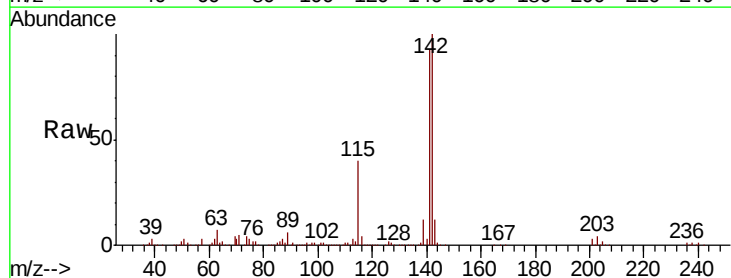


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

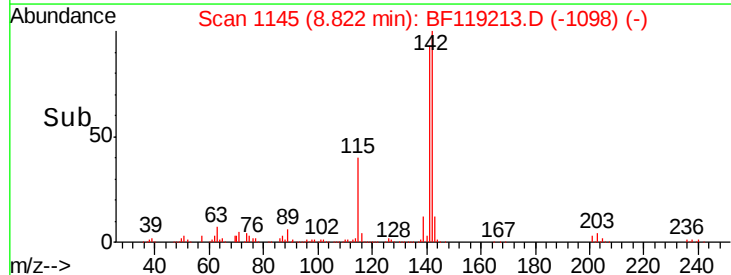
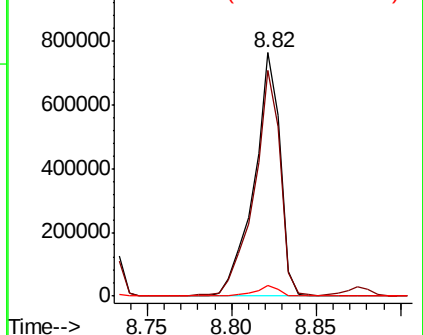


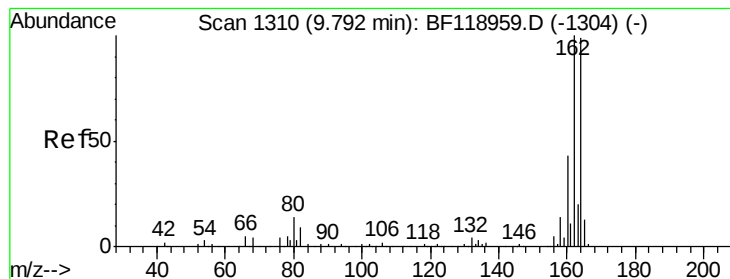
#38
 1-Methylnaphthalene
 Concen: 48.052 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion:142 Resp: 816214
 Ion Ratio Lower Upper
 142 100
 141 92.9 75.8 113.6
 116 4.2 3.1 4.7



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

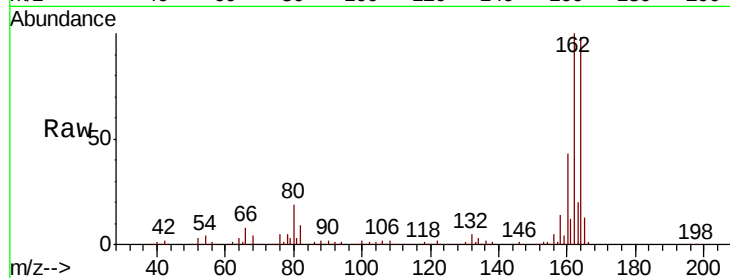
Tot Ion:164 Resp: 298271

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

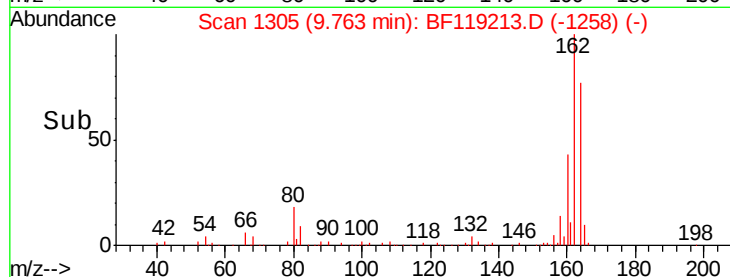
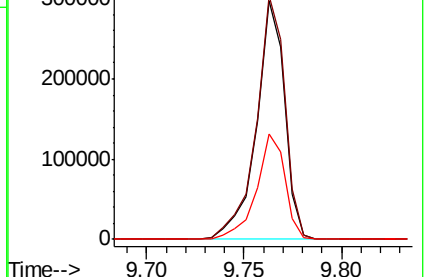
160 44.3 36.0 54.0



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: 42.578 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:216 Resp: 428183

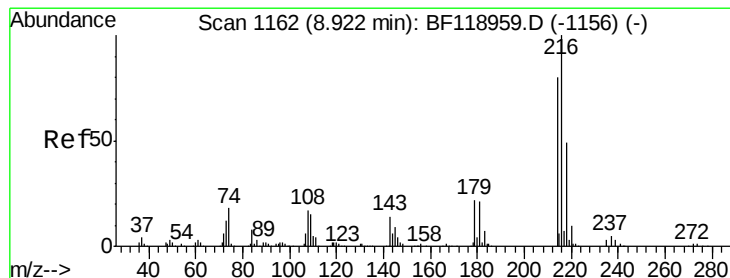
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 21.9 17.7 26.5

108 18.4 13.9 20.9

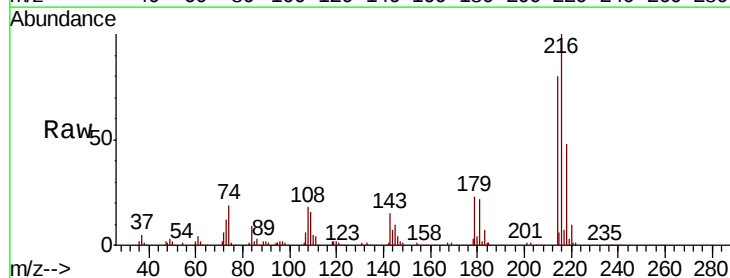
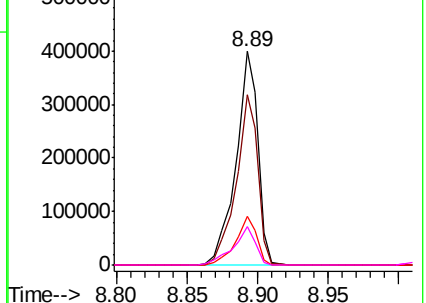


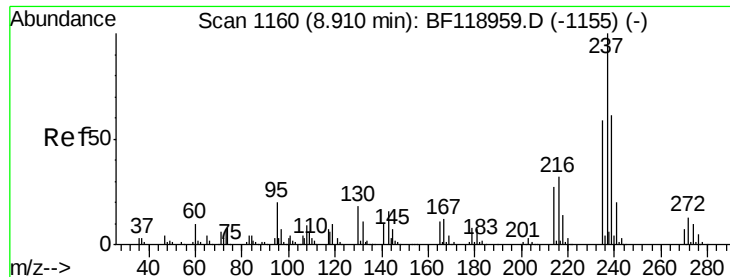
Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.004 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

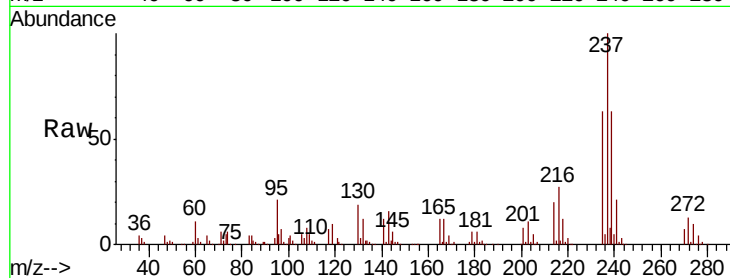
Tot Ion:237 Resp: 230647

Ion Ratio Lower Upper

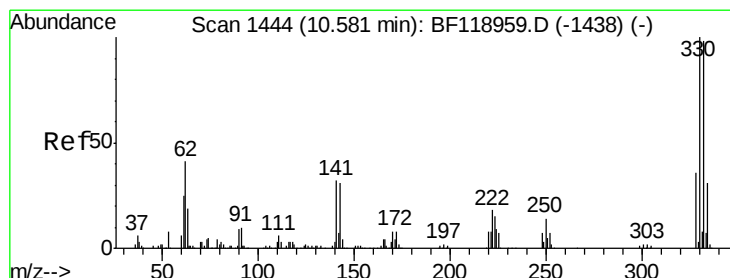
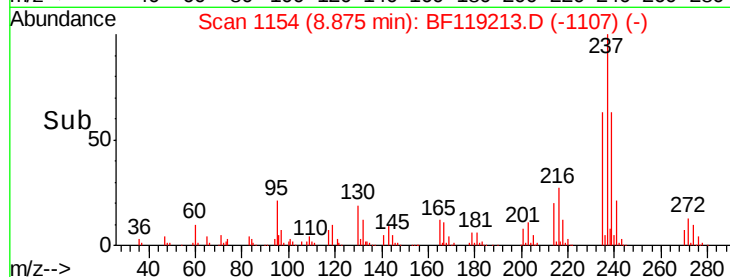
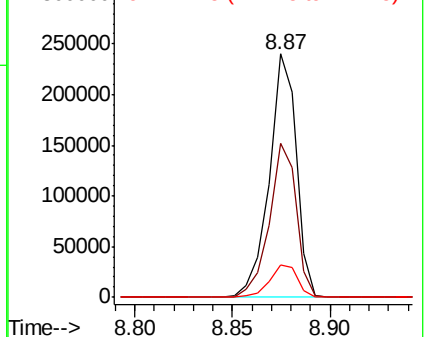
237 100

235 63.4 42.3 82.3

272 13.2 0.0 33.5



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: 123.059 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

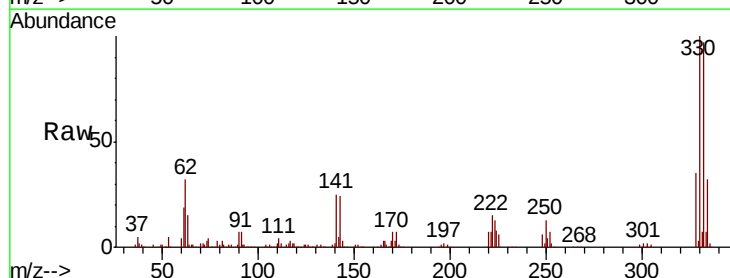
Tgt Ion:330 Resp: 480161

Ion Ratio Lower Upper

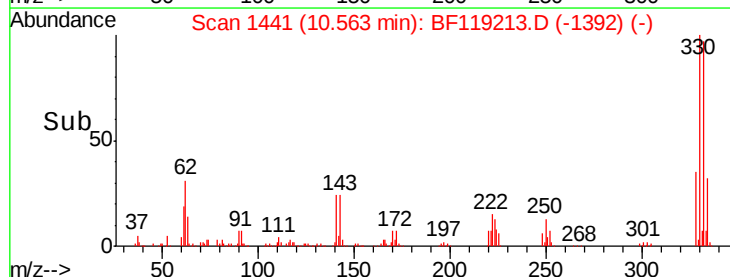
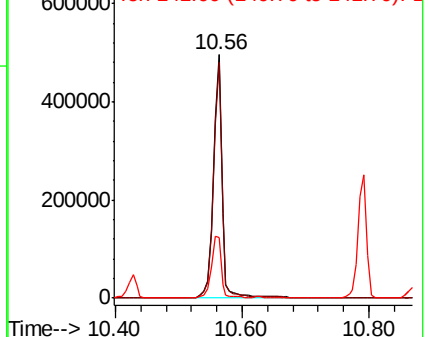
330 100

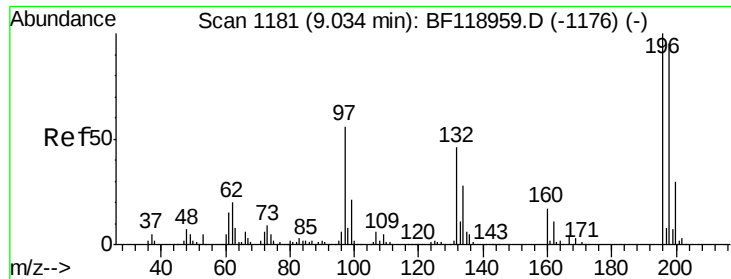
332 96.2 76.0 114.0

141 28.6 22.9 34.3



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

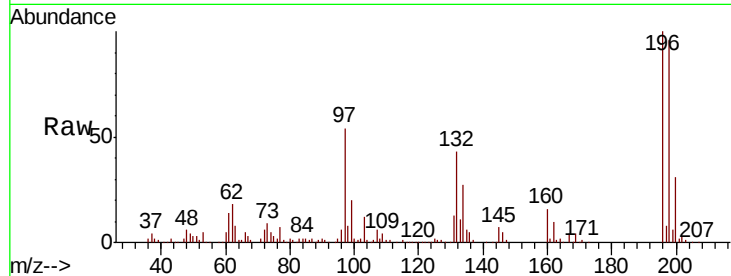




#43
 2,4,6-Trichlorophenol
 Concen: 42.312 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	268707
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.1	115.7
200	31.0	25.0	37.6

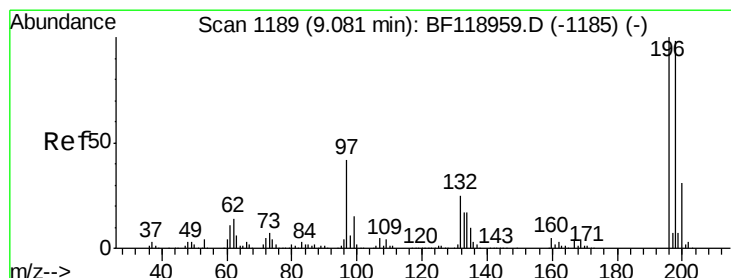
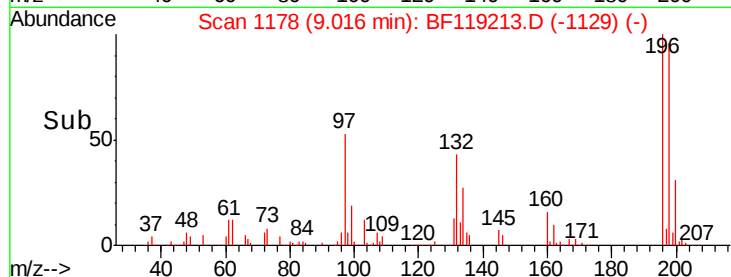
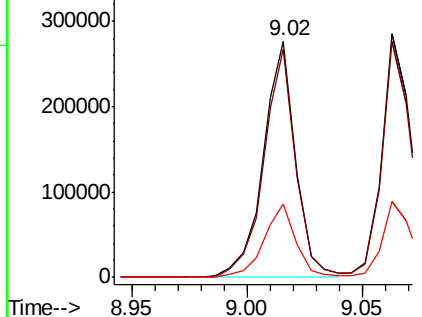


Abundance

Ion 196.00 (195.70 to 196.70): E

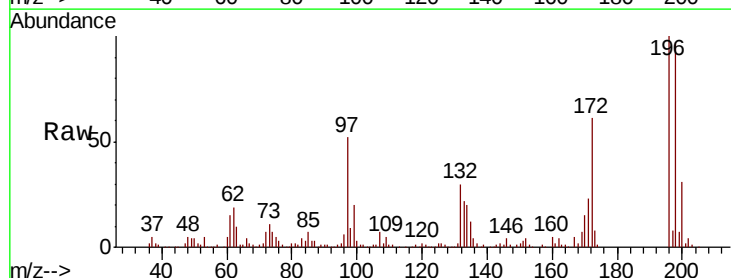
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.104 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	196	Resp	280580
Ion Ratio	Lower	Upper	
196	100		
198	96.9	76.8	115.2
97	51.9	38.5	57.7
132	29.7	22.2	33.4



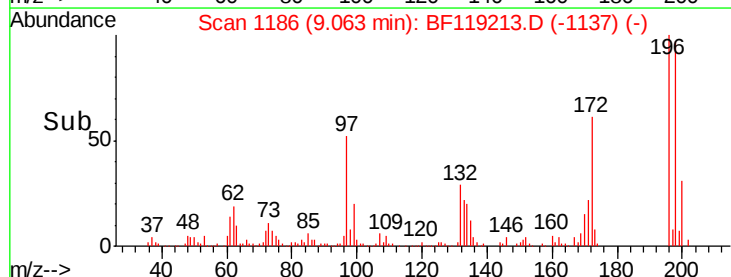
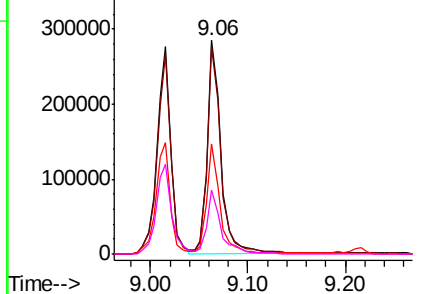
Abundance

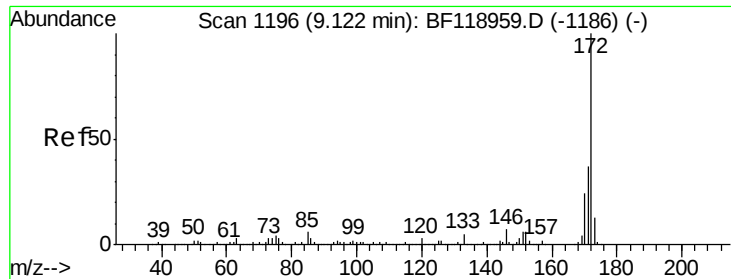
Ion 196.00 (195.70 to 196.70): E

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

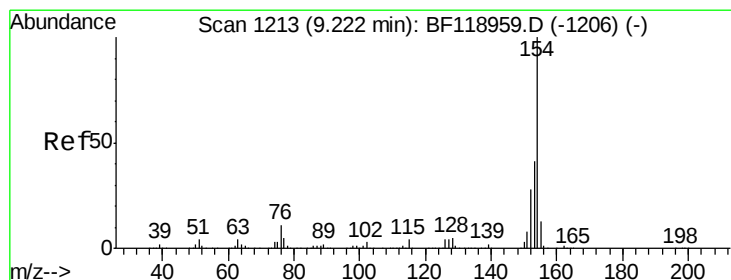
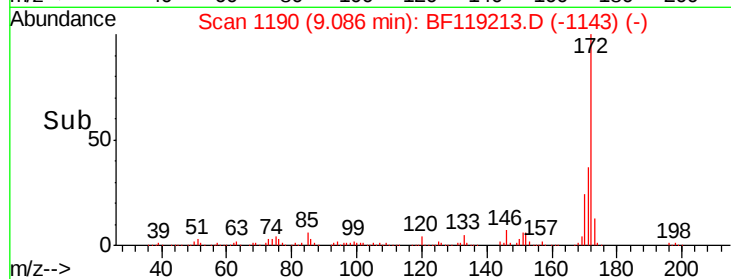
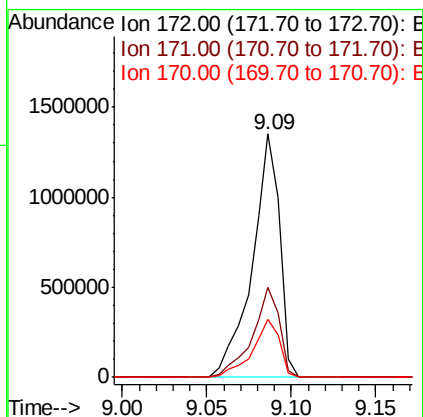
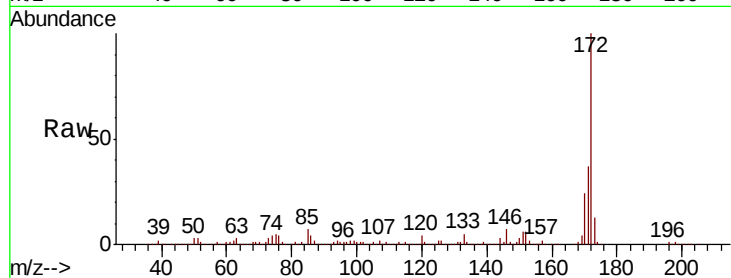




#45
2-Fluorobiphenyl
Concen: 75.516 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

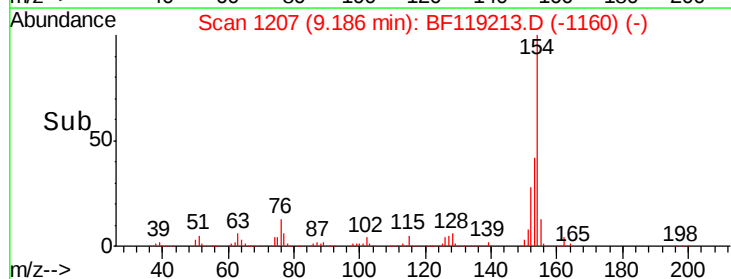
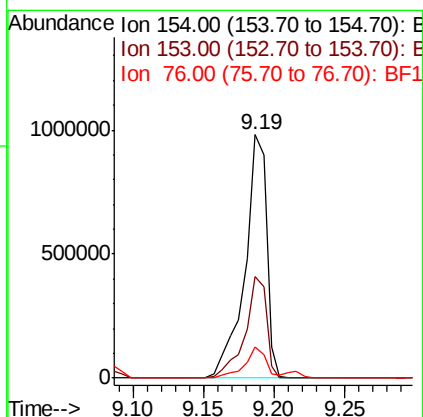
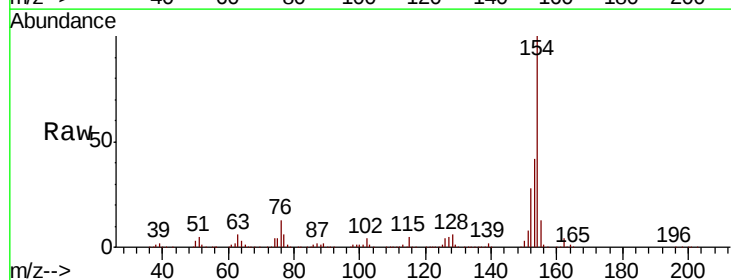
Instrument :
BNA_F
ClientSampleId :

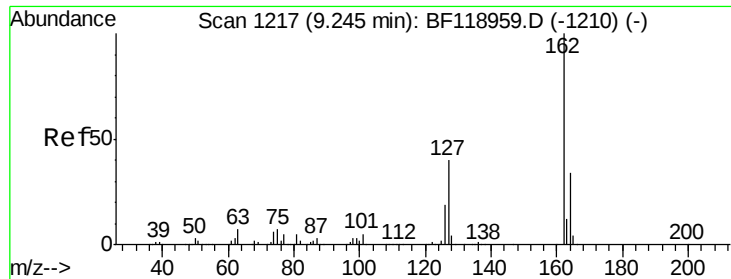
Tot Ion:172 Resp: 1528971
Ion Ratio Lower Upper
172 100
171 37.0 30.6 45.8
170 24.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 44.098 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:154 Resp: 1063044
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 12.7 0.0 32.2

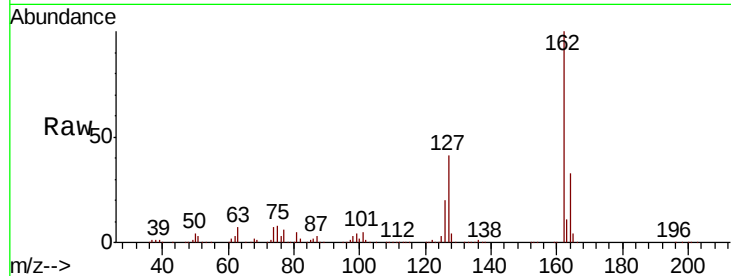




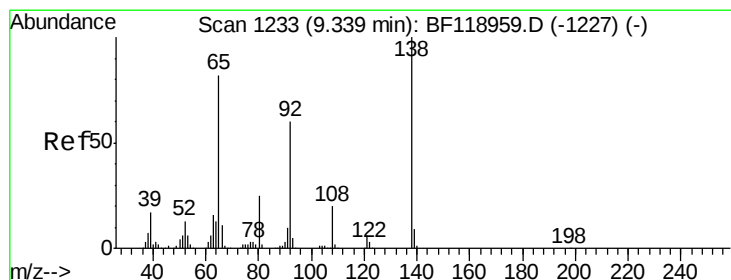
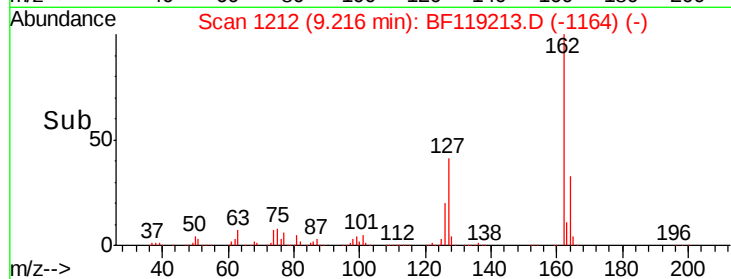
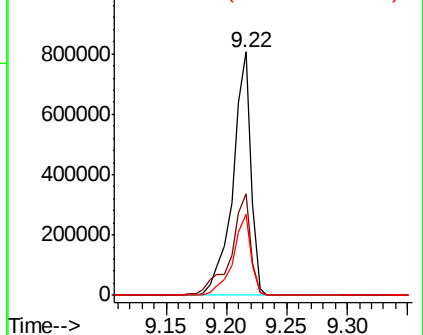
#47
 2-Chloronaphthalene
 Concen: 43.298 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 841109
 Ion Ratio Lower Upper
 162 100
 127 41.5 35.0 52.4
 164 33.1 27.2 40.8

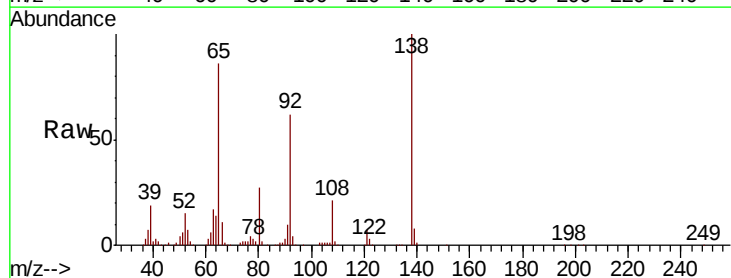


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

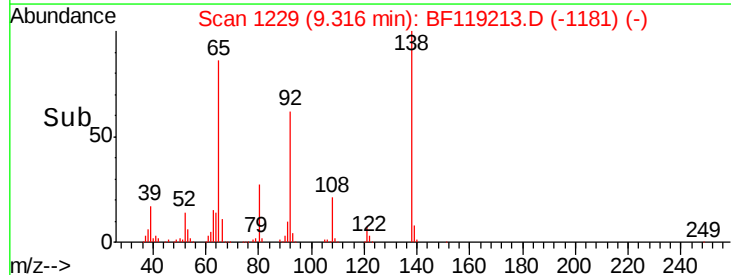
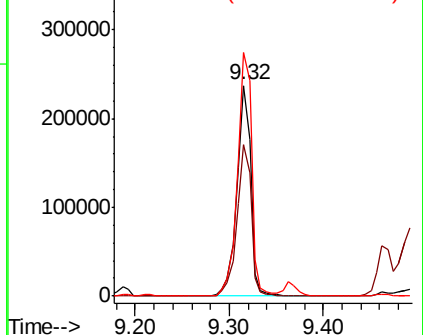


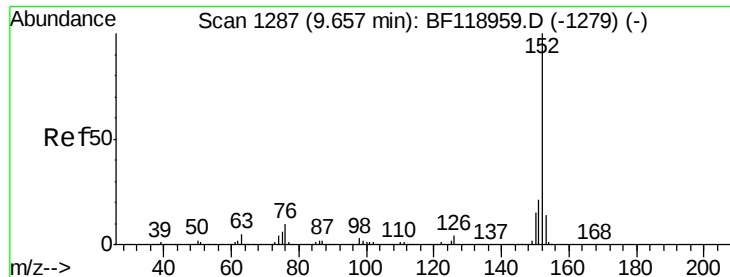
#48
 2-Nitroaniline
 Concen: 45.035 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion: 65 Resp: 244014
 Ion Ratio Lower Upper
 65 100
 92 72.1 58.2 87.2
 138 115.6 95.6 143.4



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





#49

Acenaphthylene

Concen: 45.490 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

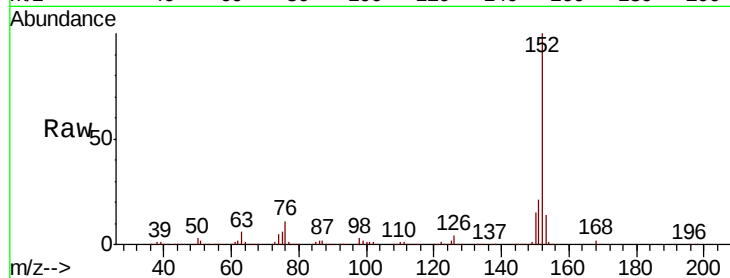
Tot Ion:152 Resp: 1276318

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

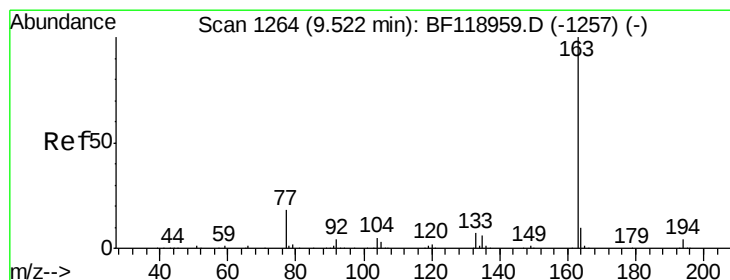
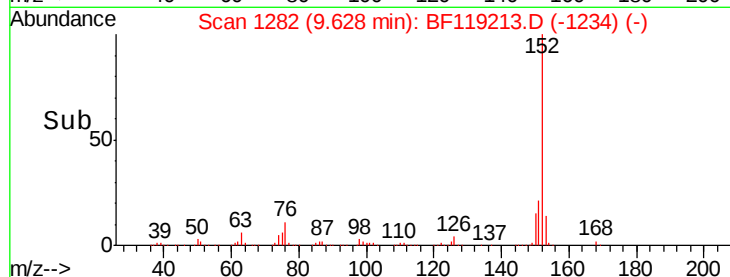
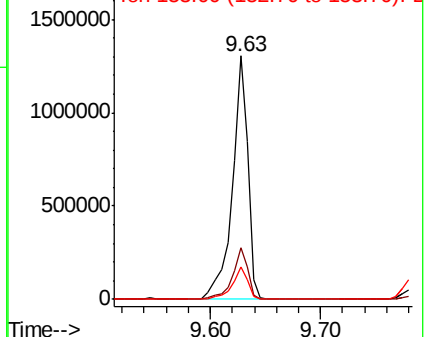
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.209 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

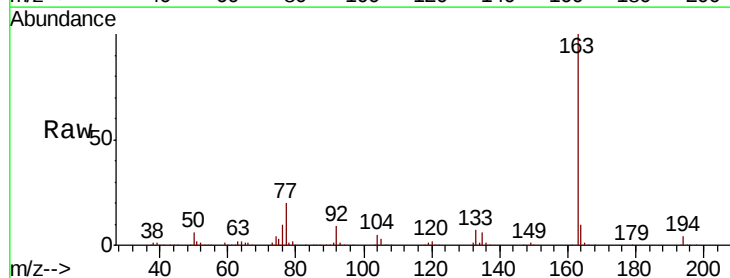
Tgt Ion:163 Resp: 1031134

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

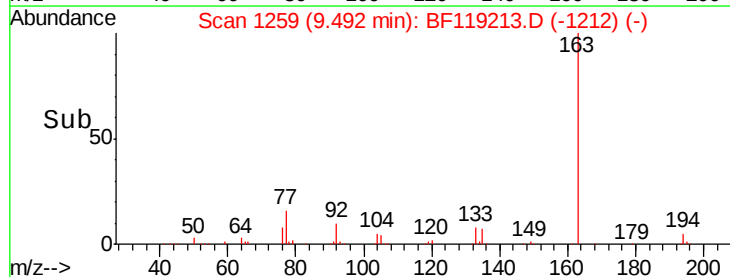
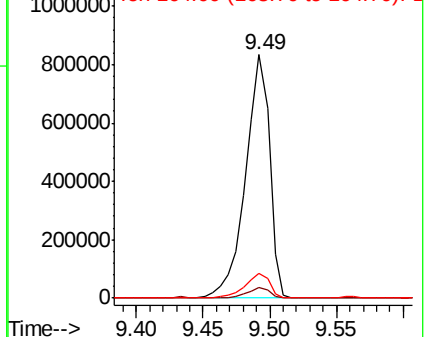
164 10.3 8.4 12.6

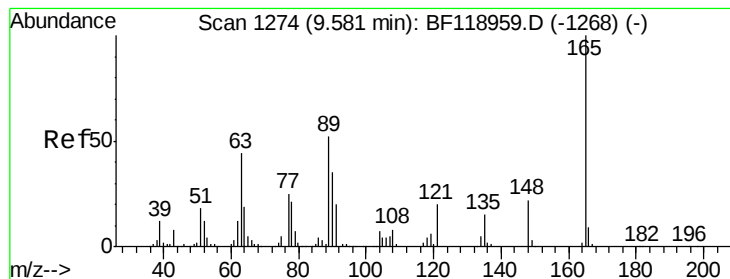


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.790 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

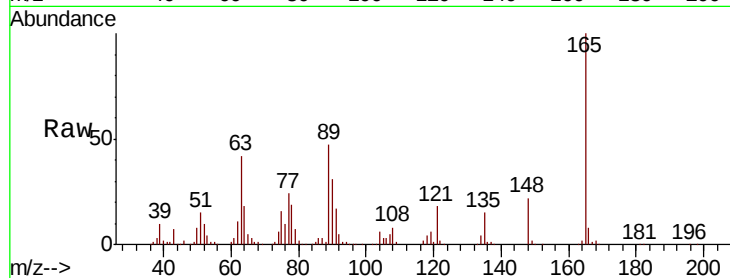
Tot Ion:165 Resp: 232032

Ion Ratio Lower Upper

165 100

63 42.2 34.3 51.5

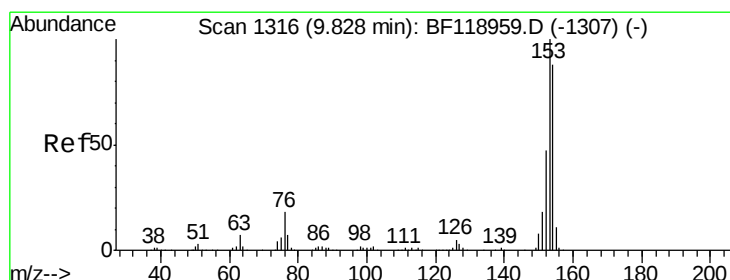
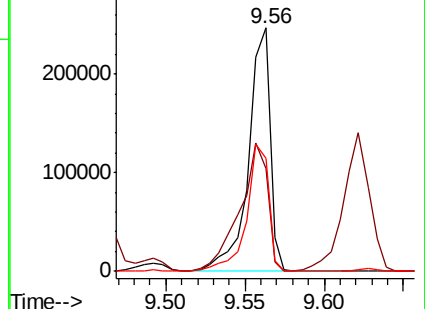
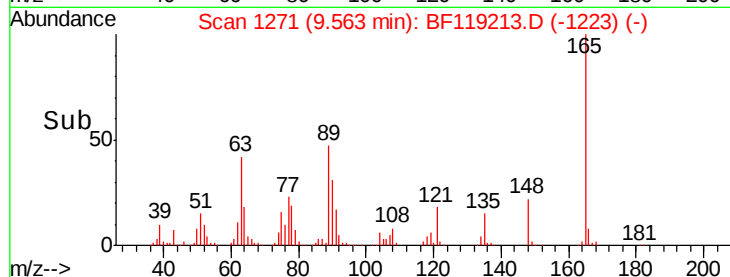
89 46.5 38.3 57.5



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: 44.780 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

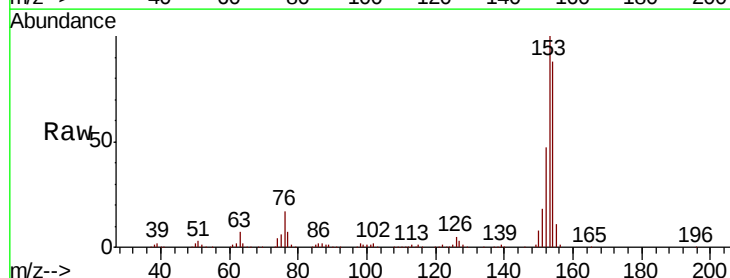
Tgt Ion:154 Resp: 757588

Ion Ratio Lower Upper

154 100

153 113.3 90.3 135.5

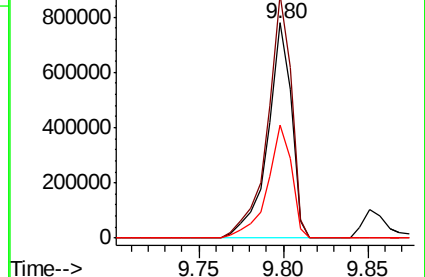
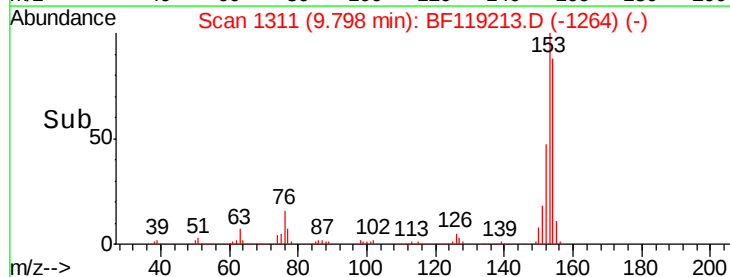
152 52.9 43.8 65.8

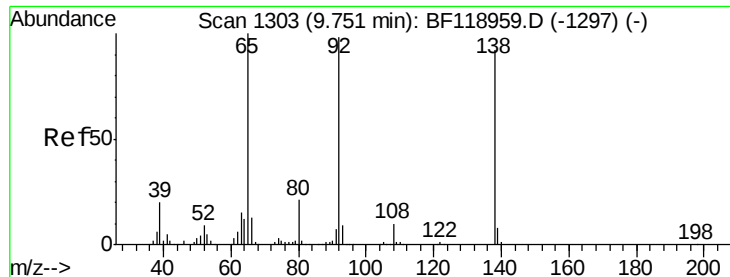


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

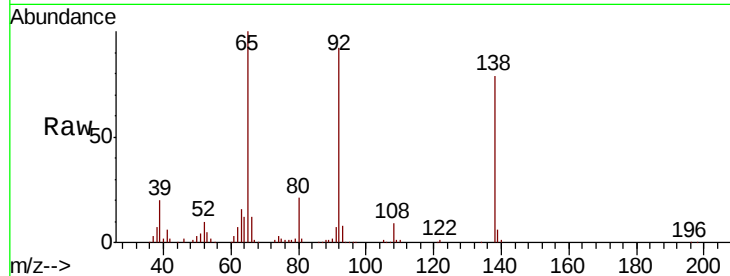




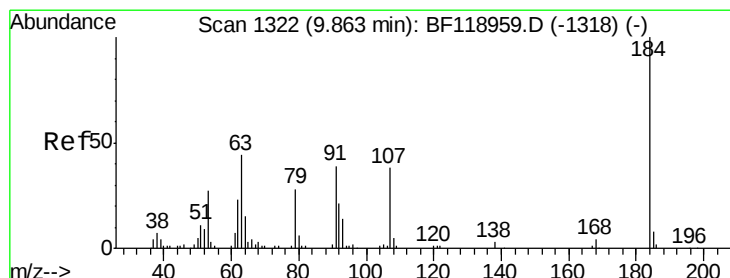
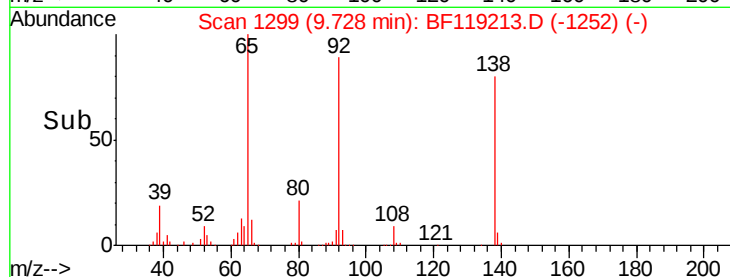
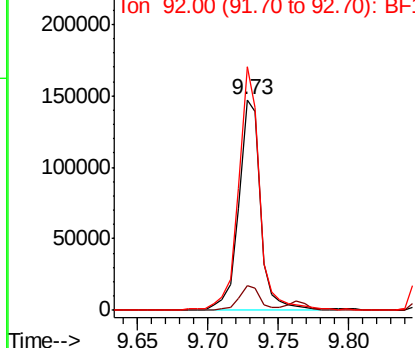
#53
3-Nitroaniline
Concen: 28.457 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 159862
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 115.5 84.8 127.2

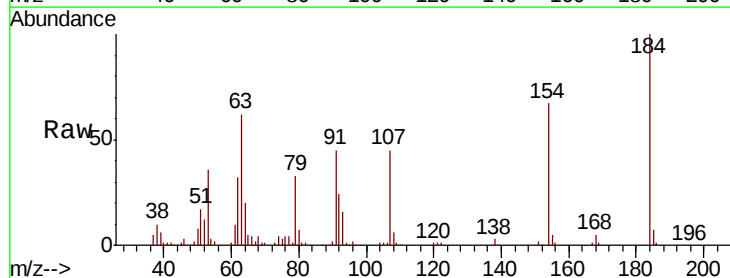


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

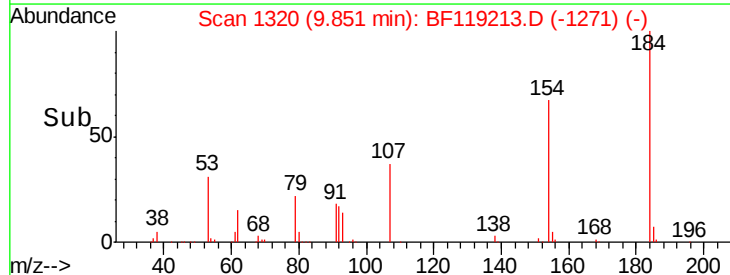
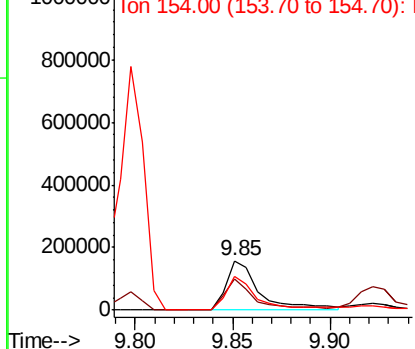


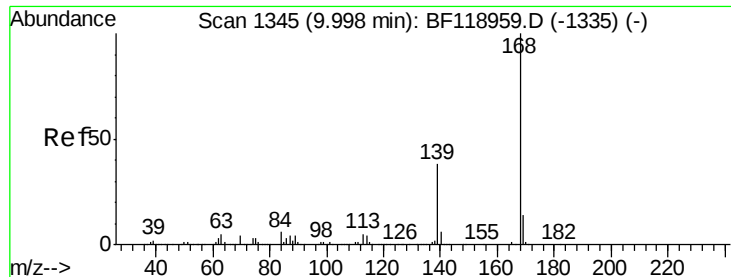
#54
2,4-Dinitrophenol
Concen: 76.287 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:184 Resp: 186939
Ion Ratio Lower Upper
184 100
63 62.2 38.7 58.1#
154 66.7 49.7 74.5



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

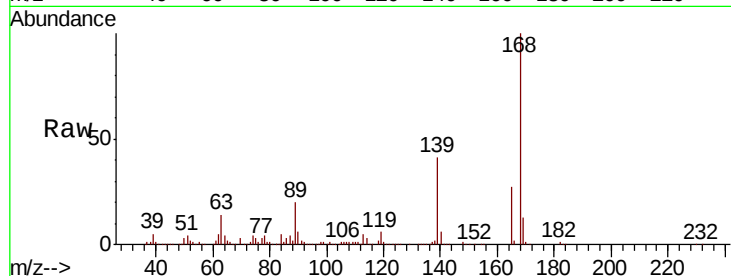




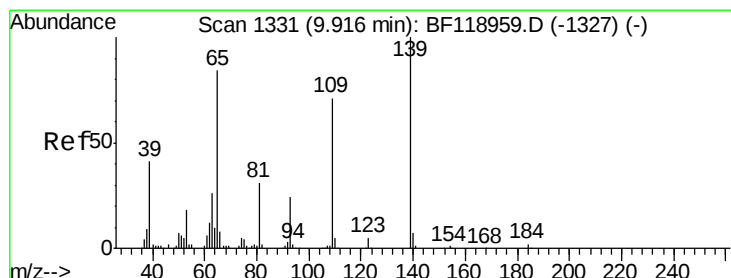
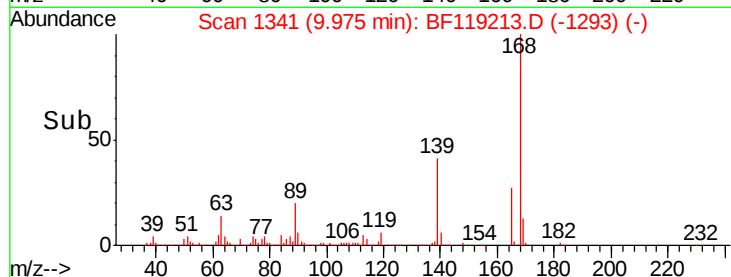
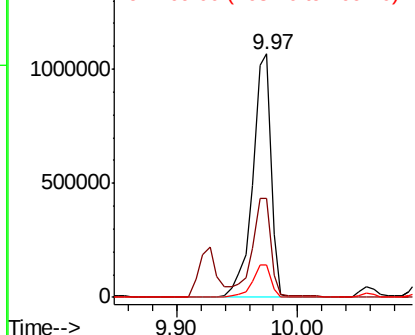
#55
Dibenzofuran
Concen: 44.712 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1129065
Ion Ratio Lower Upper
168 100
139 40.8 34.0 51.0
169 13.2 11.0 16.4

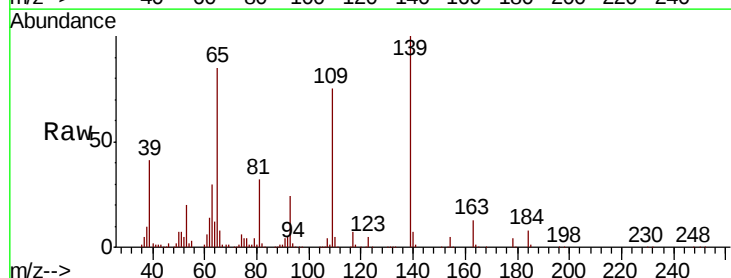


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

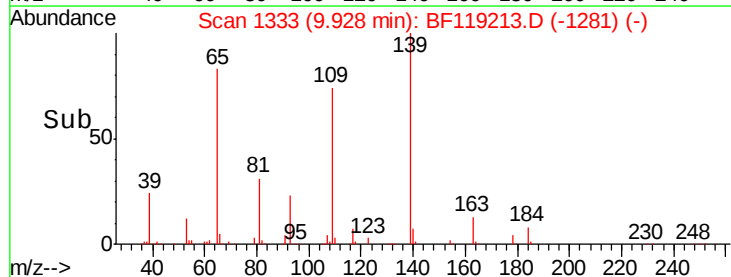
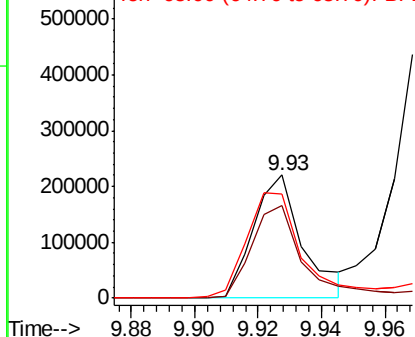


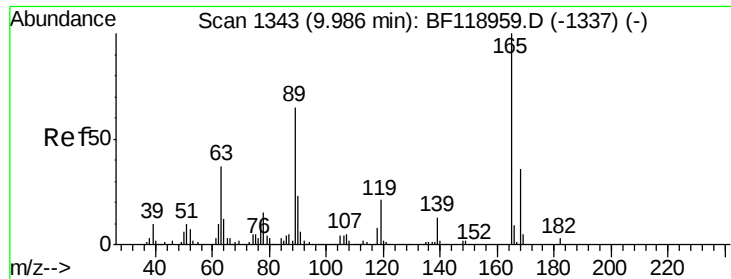
#56
4-Nitrophenol
Concen: 70.502 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:139 Resp: 237961
Ion Ratio Lower Upper
139 100
109 75.3 56.7 96.7
65 84.9 65.0 105.0



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

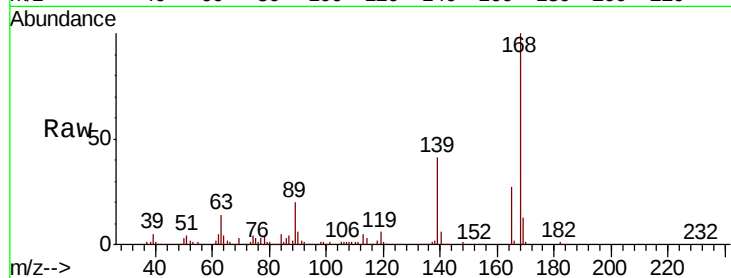




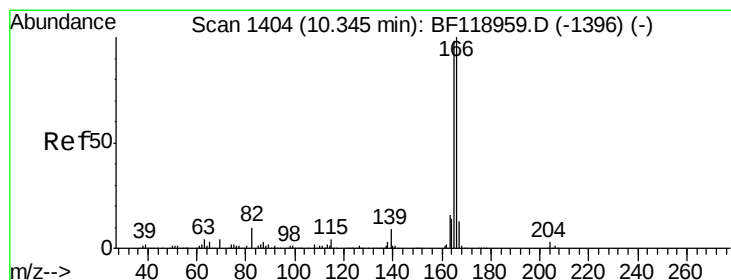
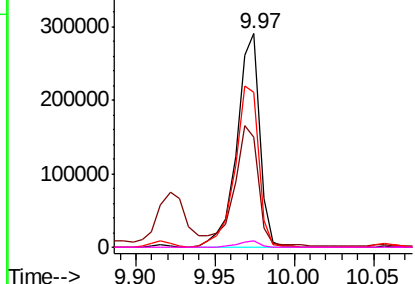
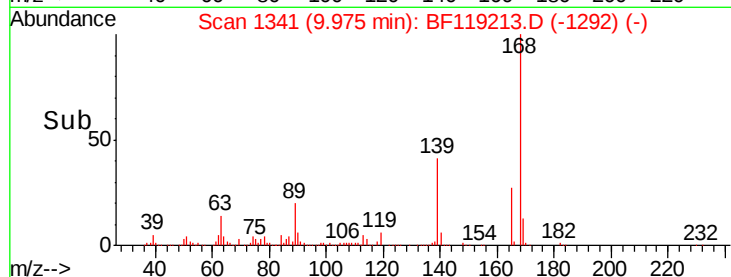
#57
 2,4-Dinitrotoluene
 Concen: 44.170 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	42.3	63.5
89	72.7	60.2	90.4
182	2.9	2.3	3.5

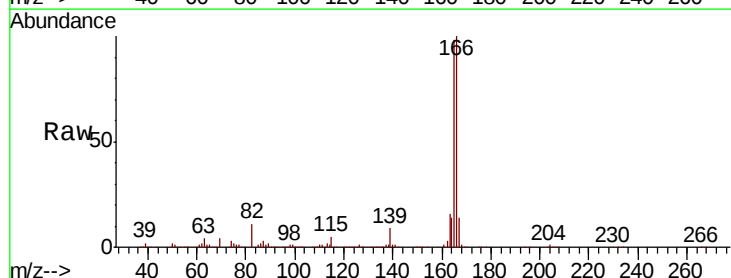


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

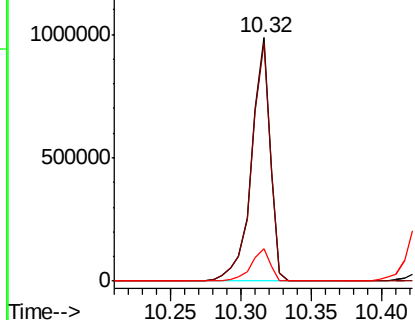
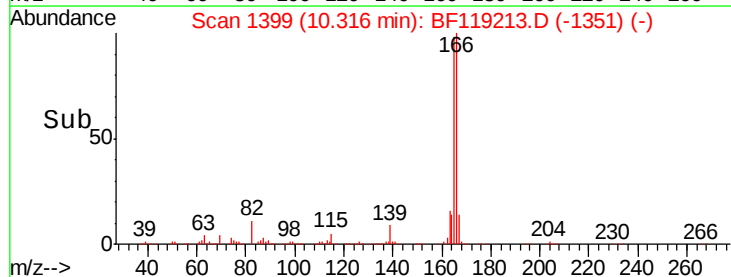


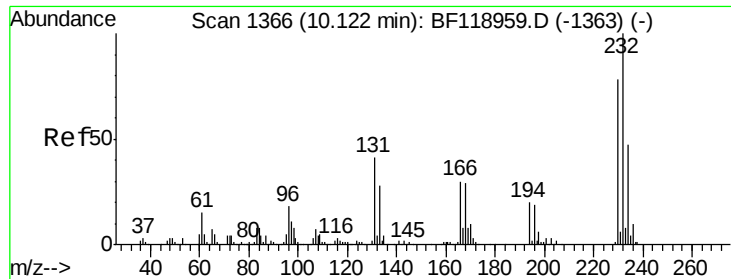
#58
 Fluorene
 Concen: 46.757 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	13.5	11.0	16.4



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

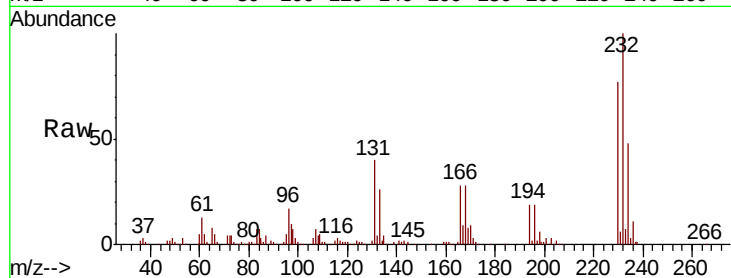




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.390 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.8	50.8
130	2.3	1.8	2.6
166	28.2	23.0	34.4



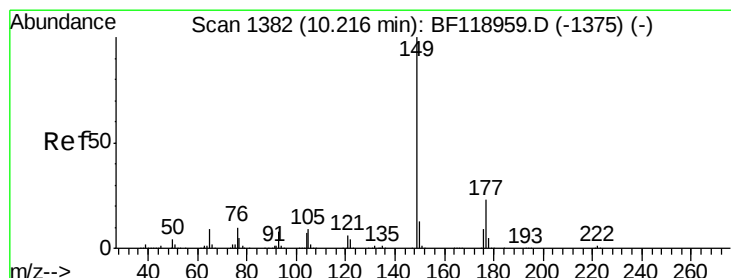
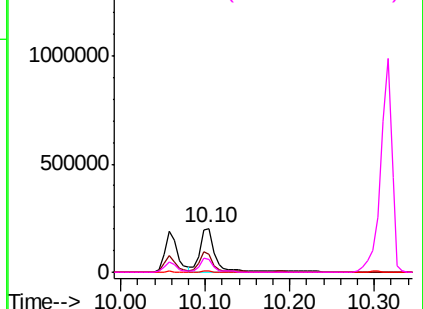
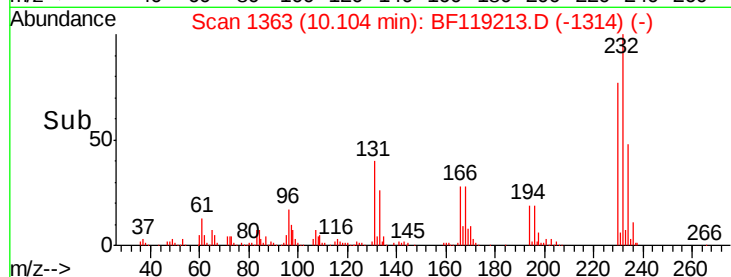
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

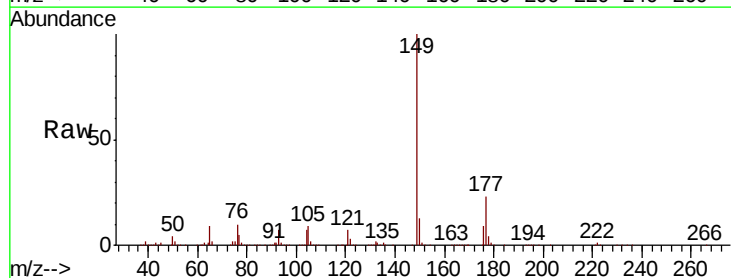
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.102 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.9	10.5	15.7

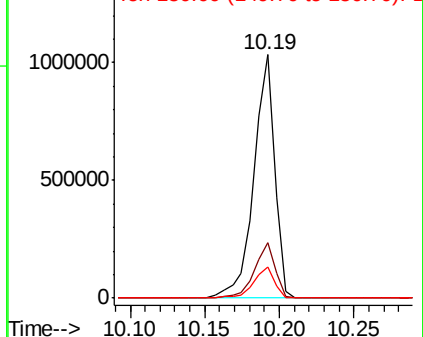
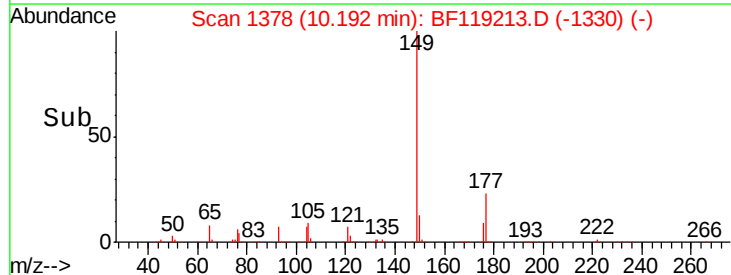


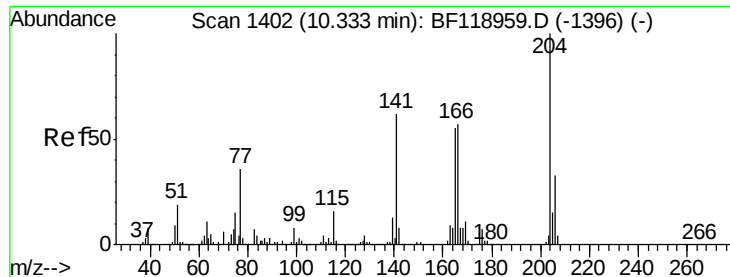
Abundance

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

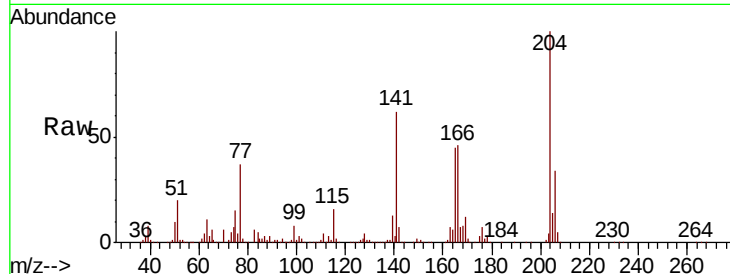




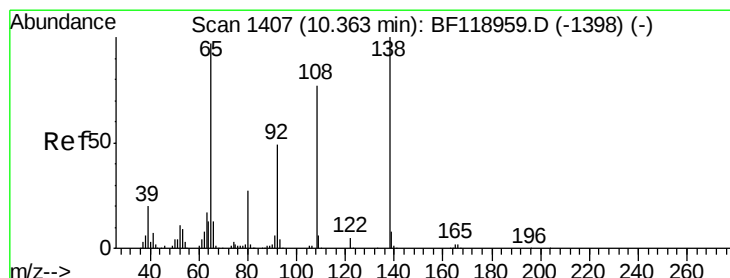
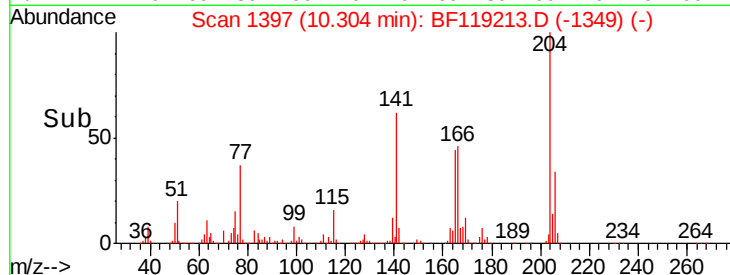
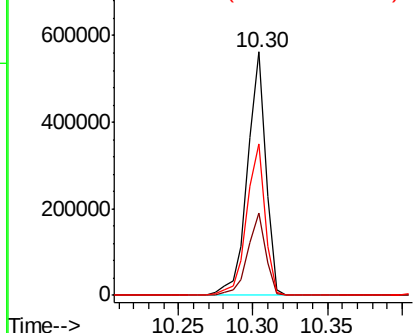
#61
4-Chlorophenyl-phenylether
Concen: 45.802 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 475712
Ion Ratio Lower Upper
204 100
206 33.6 27.1 40.7
141 62.3 52.9 79.3

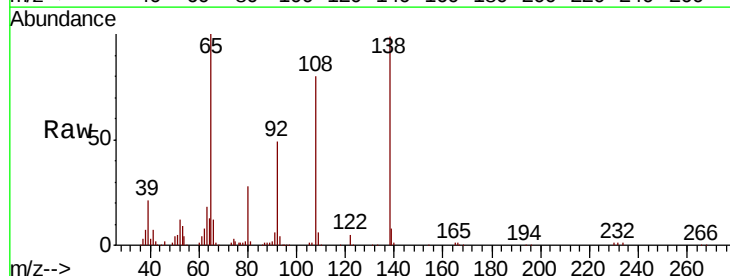


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

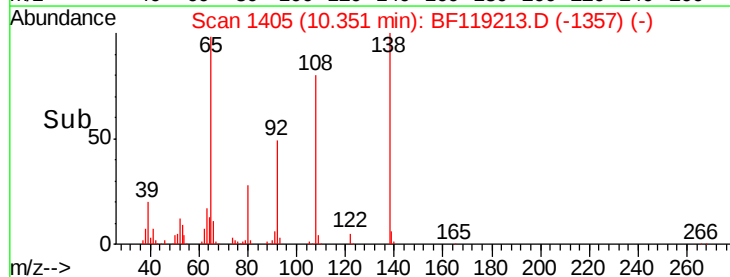
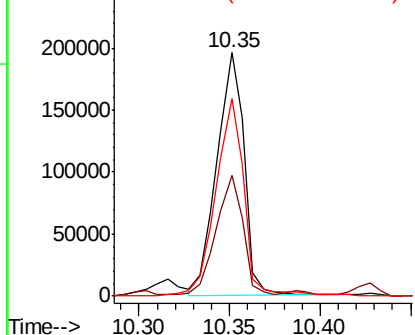


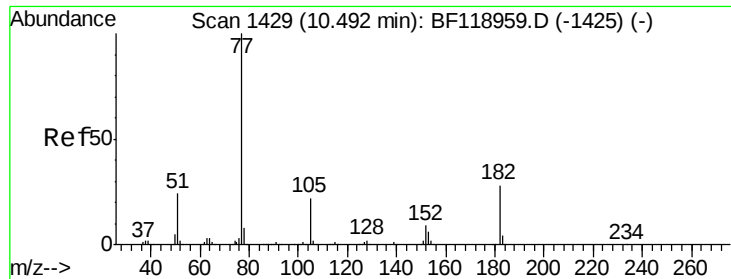
#62
4-Nitroaniline
Concen: 35.954 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:138 Resp: 206650
Ion Ratio Lower Upper
138 100
92 49.4 27.3 67.3
108 80.9 57.0 97.0



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

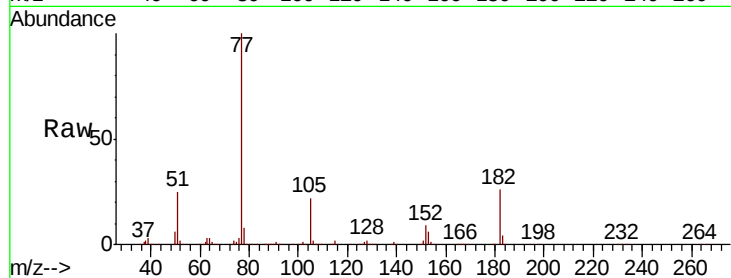




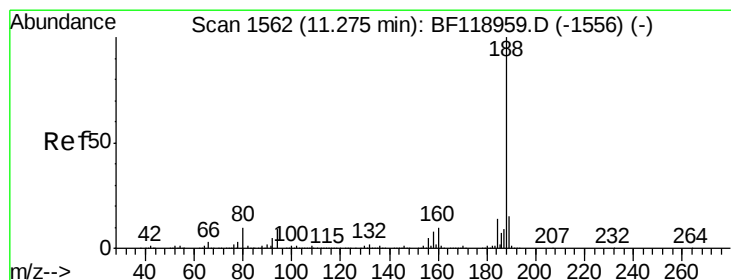
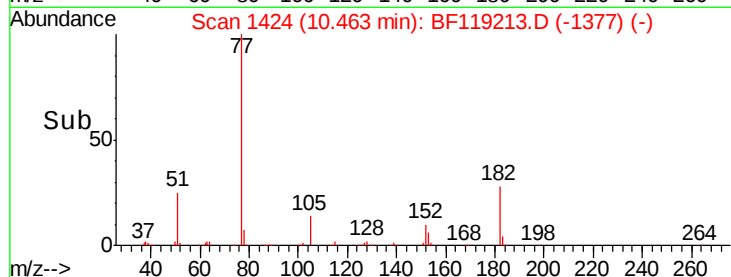
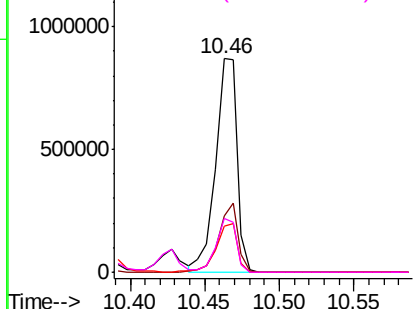
#63
Azobenzene
Concen: 46.836 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	11.4	51.4
105	21.9	3.4	43.4
51	25.4	5.1	45.1

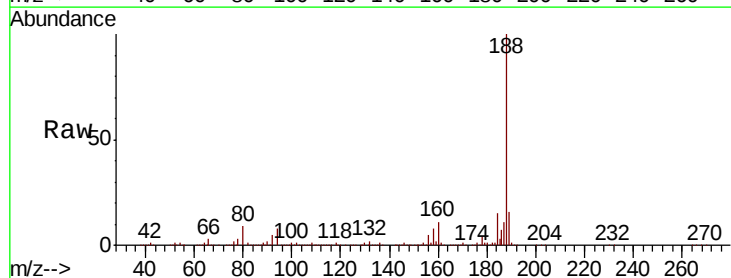


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

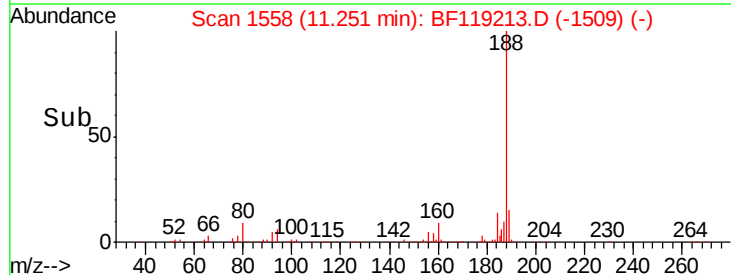
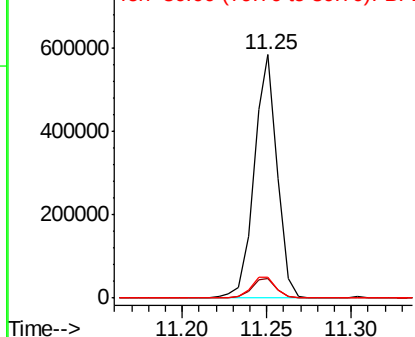


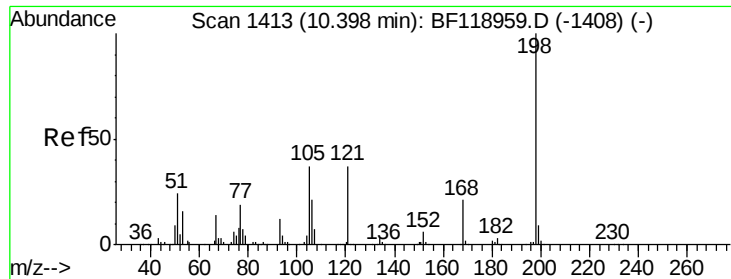
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.8	7.8	11.8



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

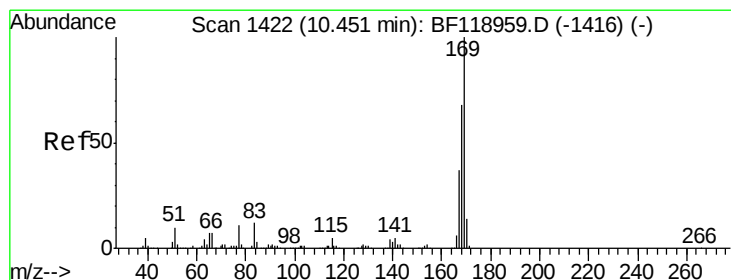
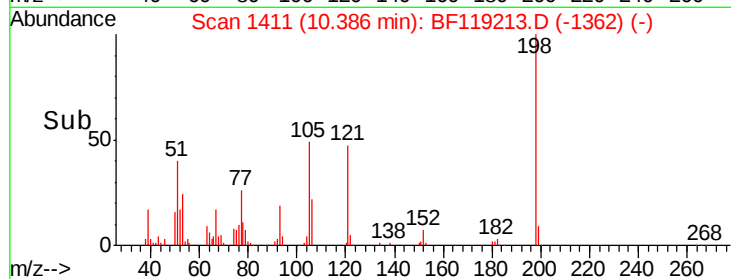
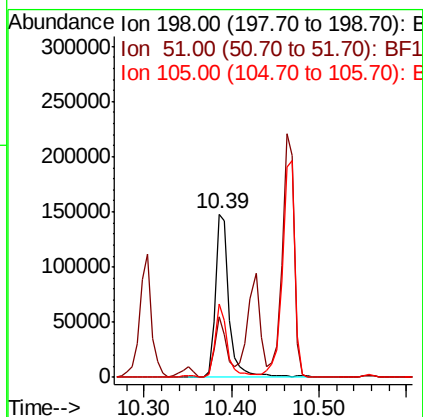
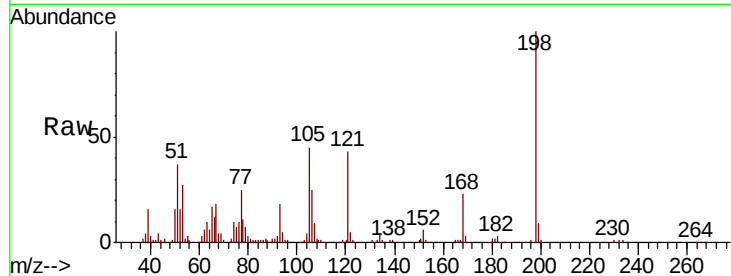




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.160 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

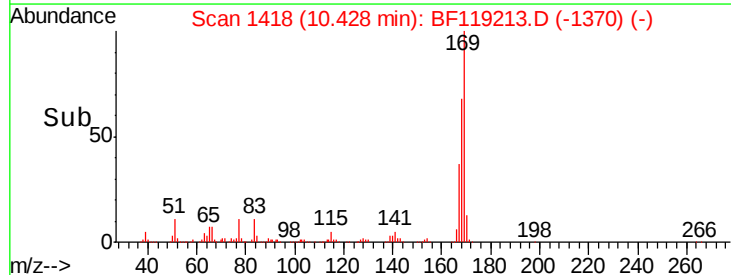
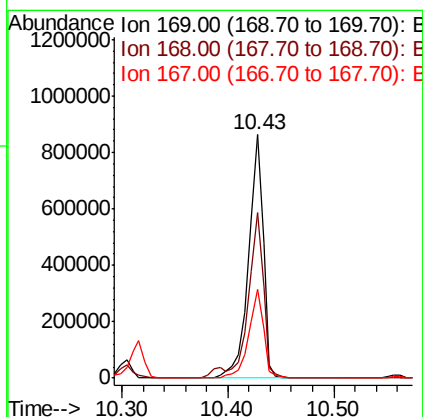
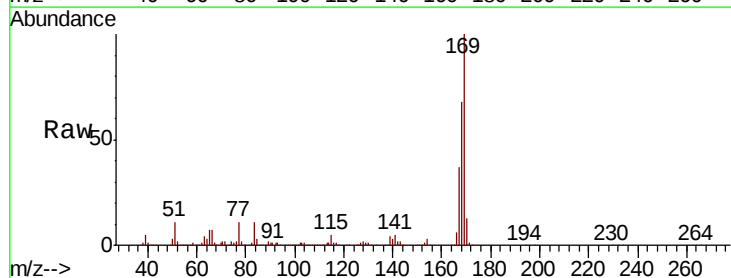
Instrument :
 BNA_F
 ClientSampled :

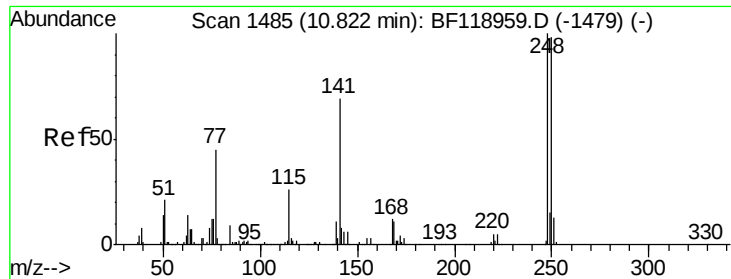
Tot Ion:198 Resp: 161963
 Ion Ratio Lower Upper
 198 100
 51 36.8 14.2 54.2
 105 45.1 22.7 62.7



#66
 n-Nitrosodiphenylamine
 Concen: 45.914 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion:169 Resp: 835531
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.1 81.1
 167 36.6 29.4 44.0

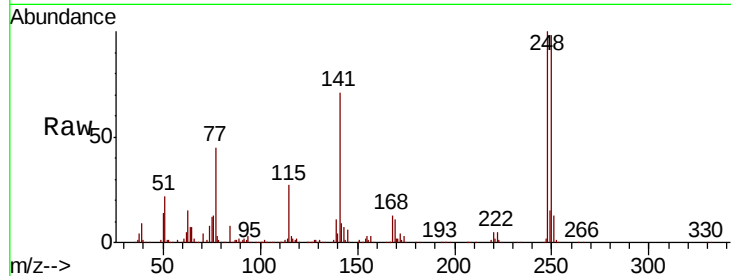




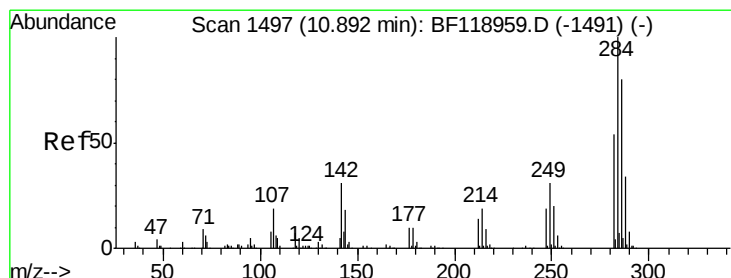
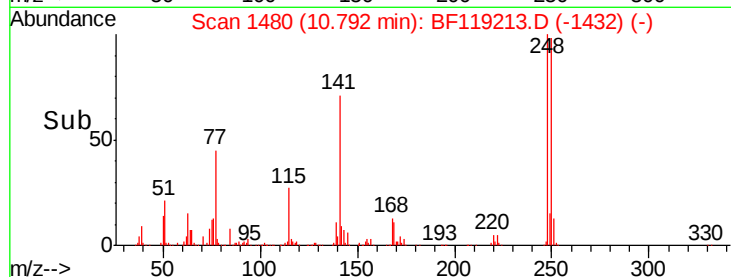
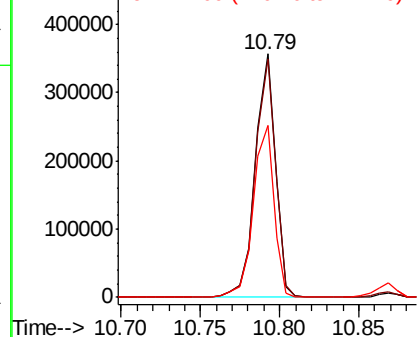
#67
4-Bromophenyl-phenylether
Concen: 43.484 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 315890
Ion Ratio Lower Upper
248 100
250 98.1 76.7 115.1
141 70.7 60.7 91.1

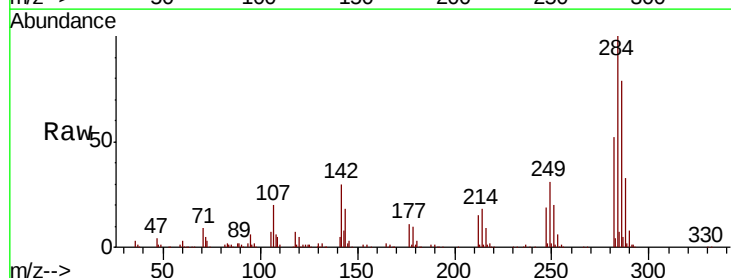


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

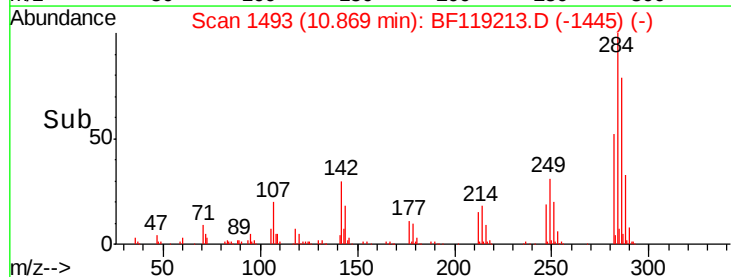
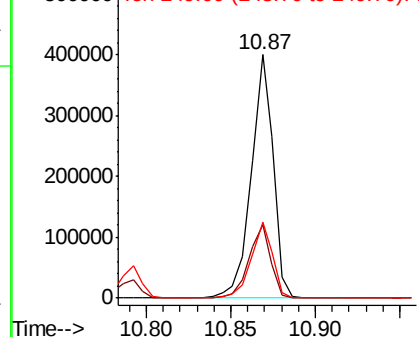


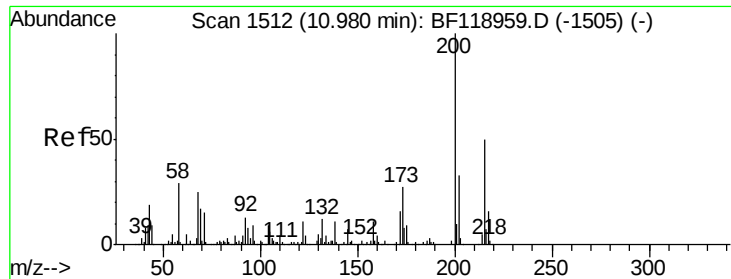
#68
Hexachlorobenzene
Concen: 43.397 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:284 Resp: 363483
Ion Ratio Lower Upper
284 100
142 30.1 23.7 35.5
249 31.3 25.0 37.6



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

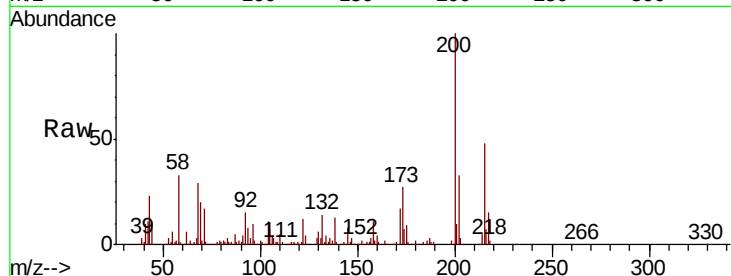




#69
Atrazine
Concen: 46.052 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.4	46.4
215	48.2	27.4	67.4

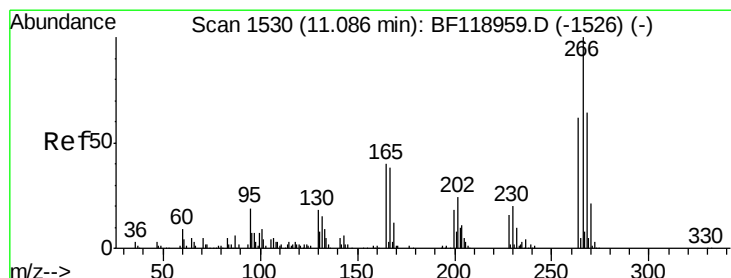
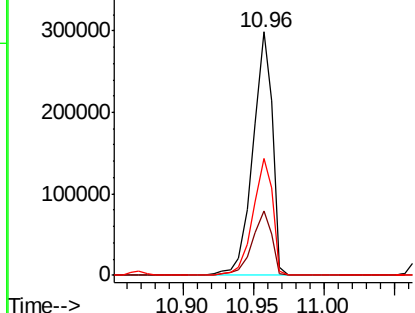
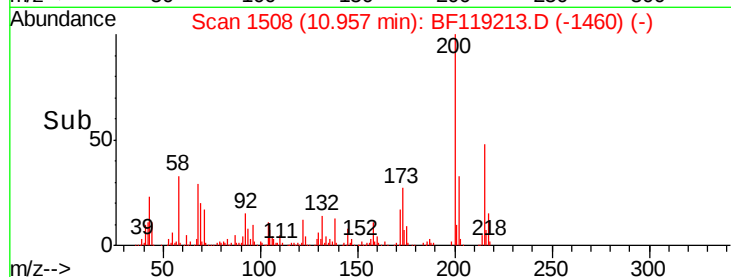


Abundance

Ion 200.00 (199.70 to 200.70): E

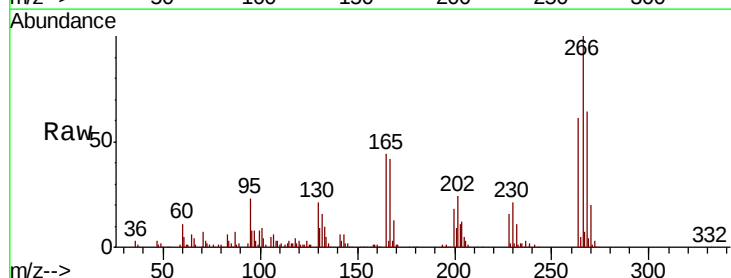
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.293 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.9	77.9
264	60.9	51.0	76.4

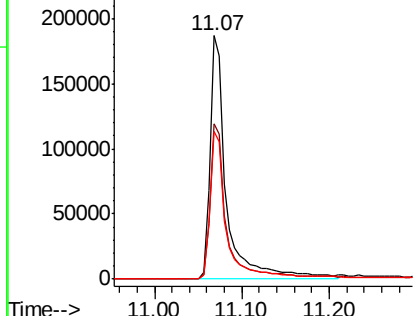
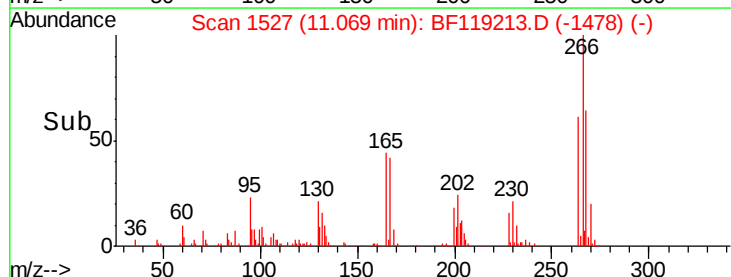


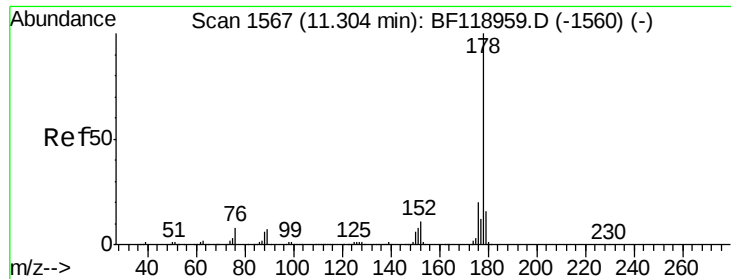
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

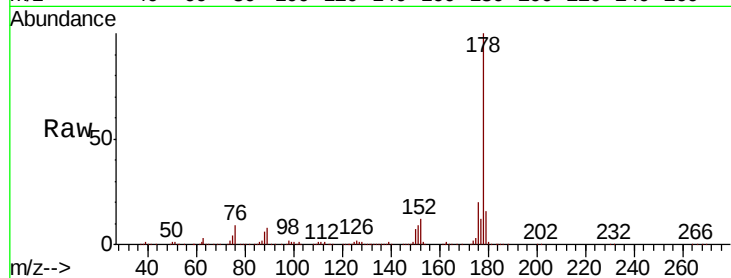




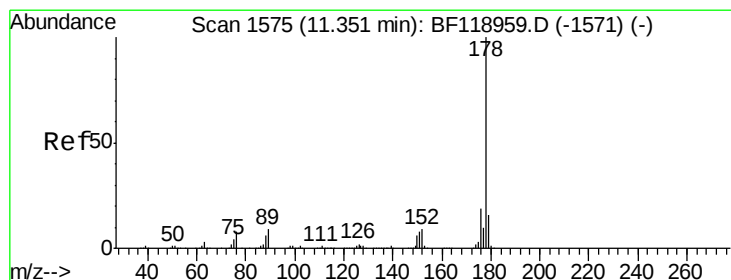
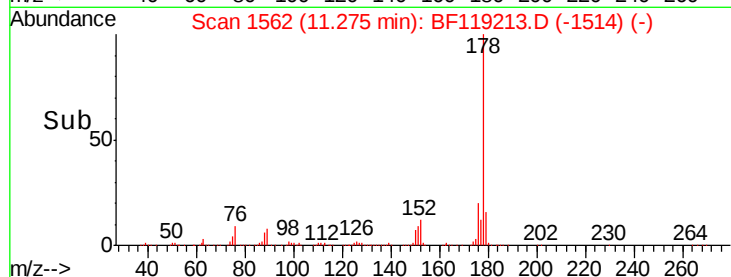
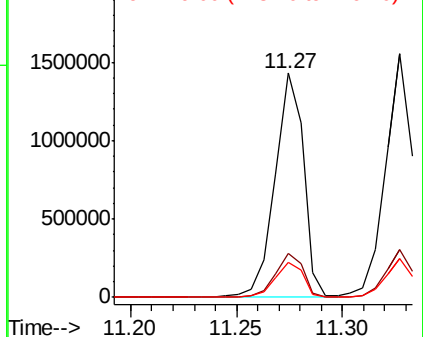
#71
Phenanthrene
Concen: 44.582 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1351239
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.7 13.0 19.6

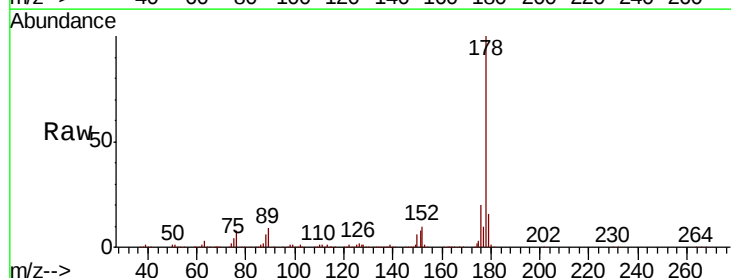


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

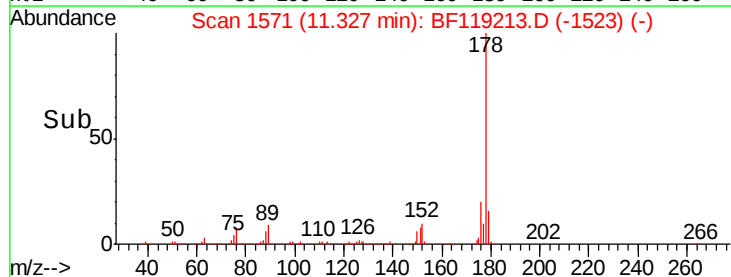
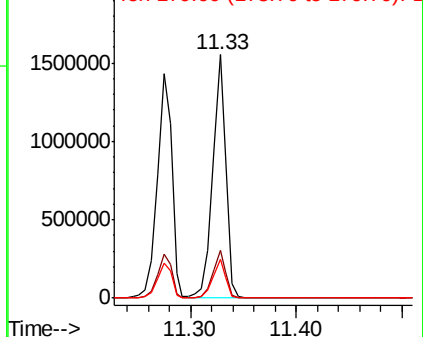


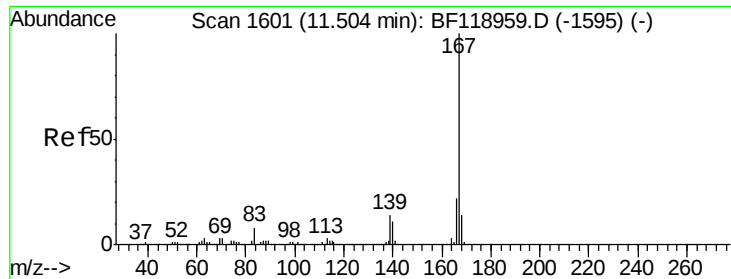
#72
Anthracene
Concen: 45.835 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:178 Resp: 1388037
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.0 13.1 19.7



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



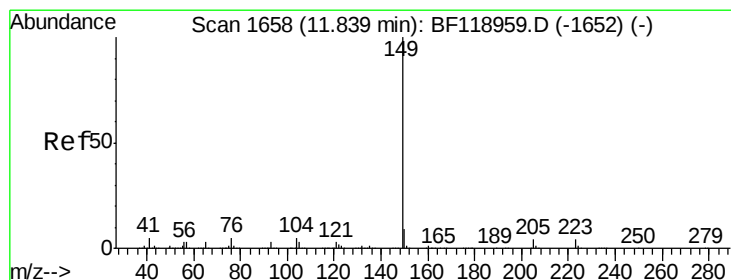
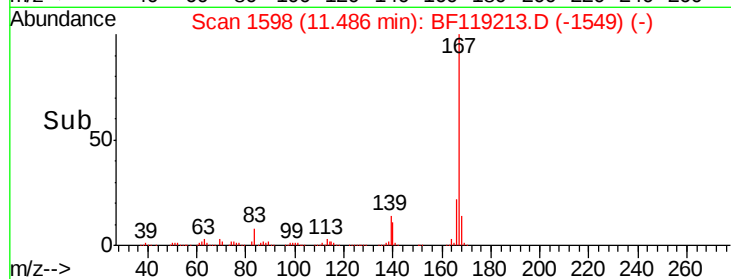
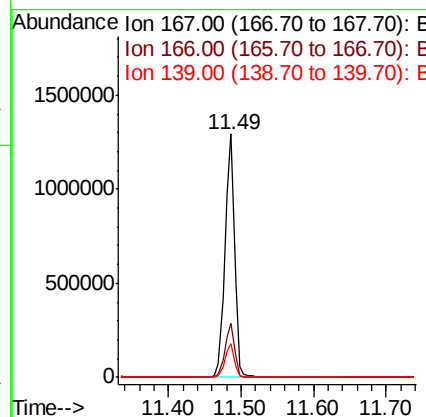
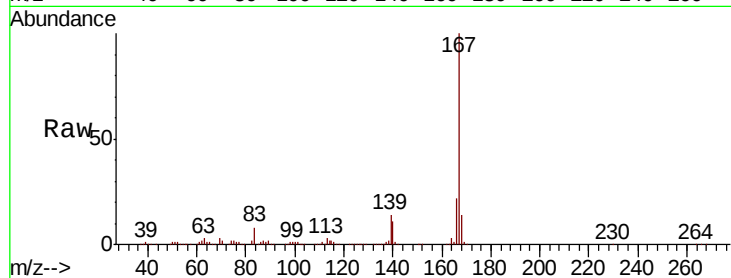


#73
 Carbazole
 Concen: 44.236 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1193428

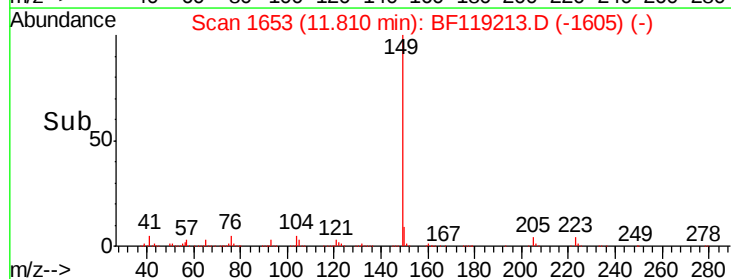
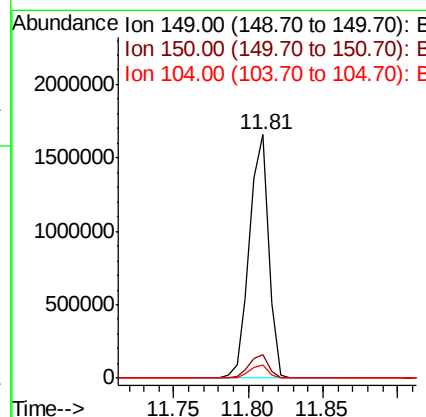
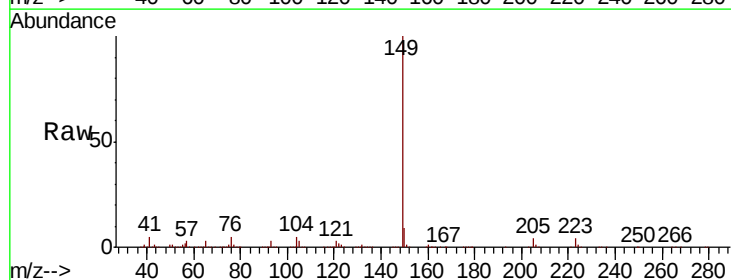
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.7	11.7	17.5

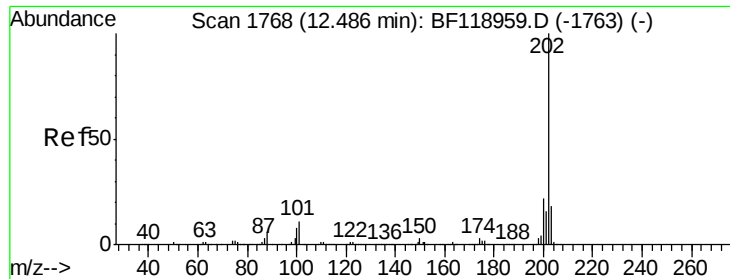


#74
 Di-n-butylphthalate
 Concen: 45.461 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion:149 Resp: 1485285

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 44.021 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

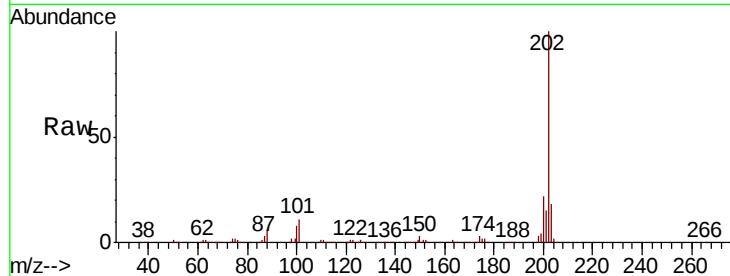
Tot Ion:202 Resp: 1416233

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.3

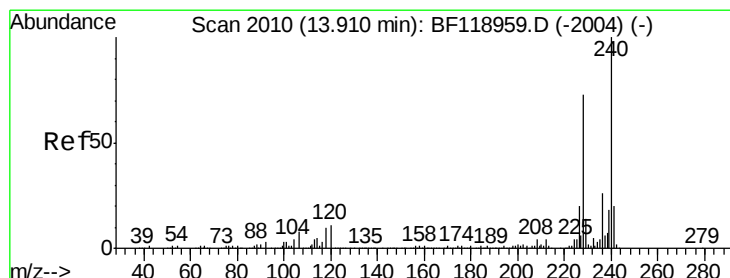
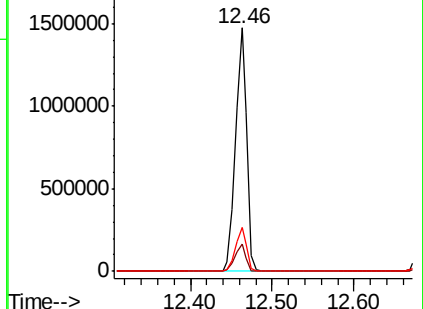
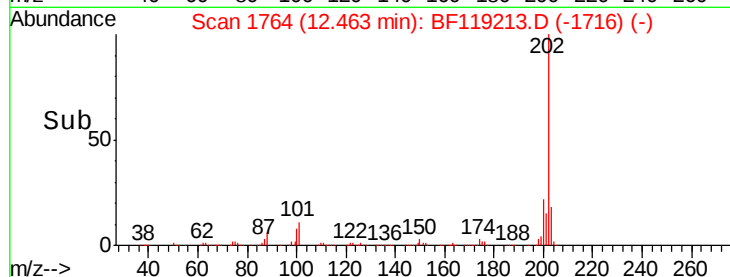
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

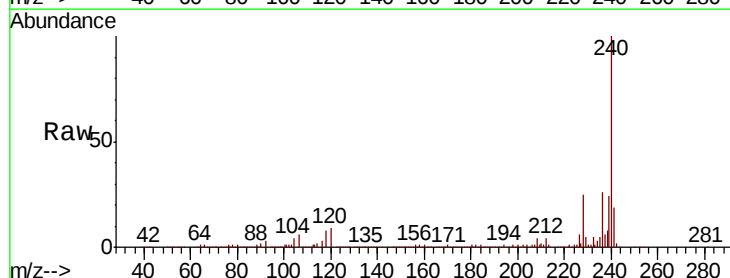
Tgt Ion:240 Resp: 372466

Ion Ratio Lower Upper

240 100

120 8.5 8.4 12.6

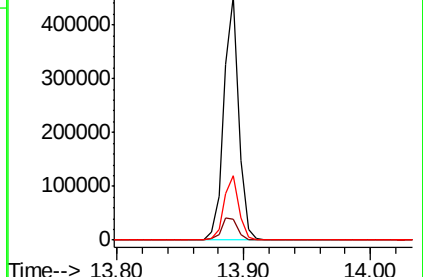
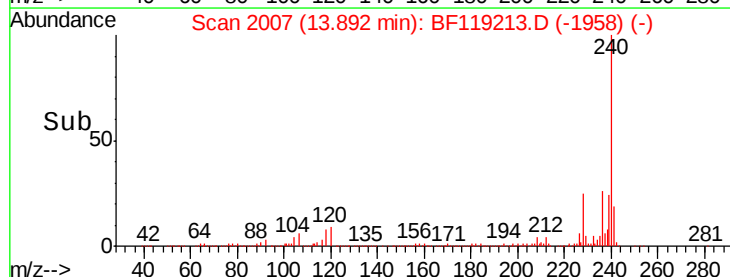
236 26.2 21.0 31.4

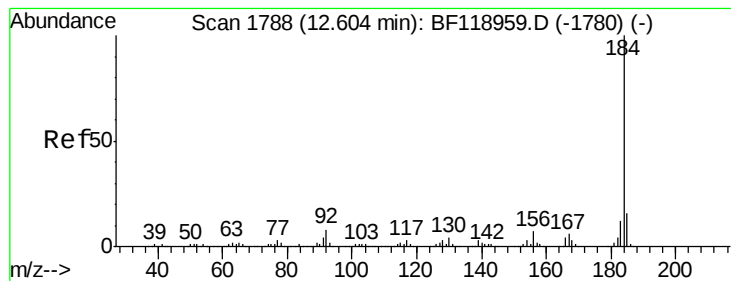


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.559 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

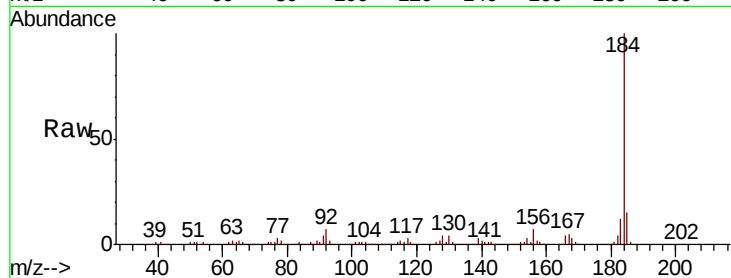
Tot Ion:184 Resp: 508354

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

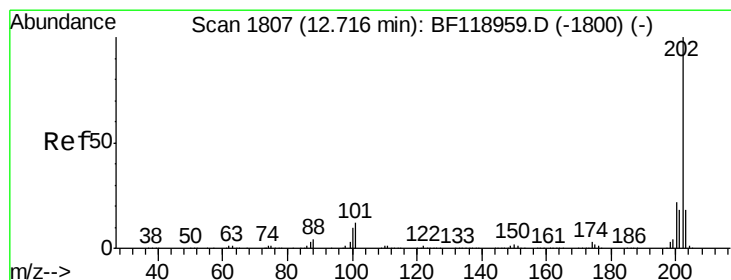
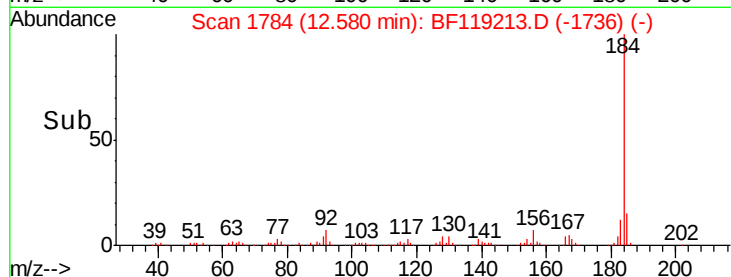
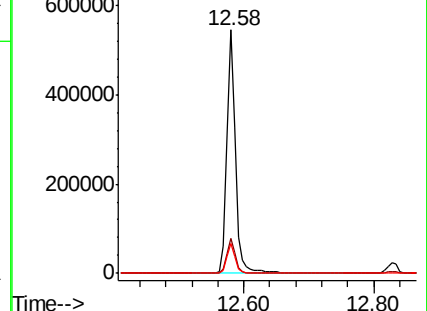
183 12.2 9.9 14.9



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: 47.304 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

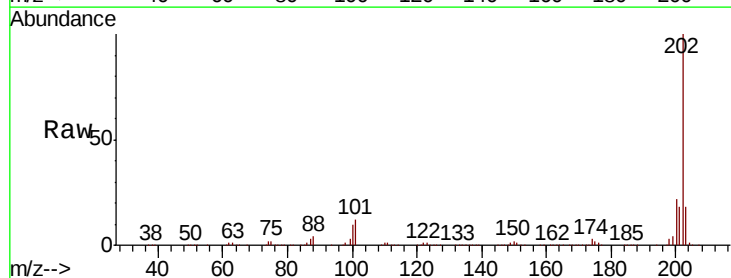
Tgt Ion:202 Resp: 1414799

Ion Ratio Lower Upper

202 100

200 22.0 18.0 27.0

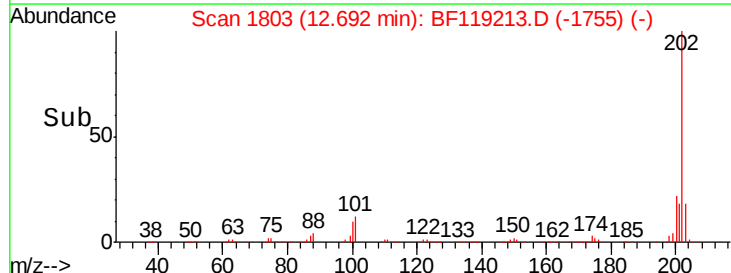
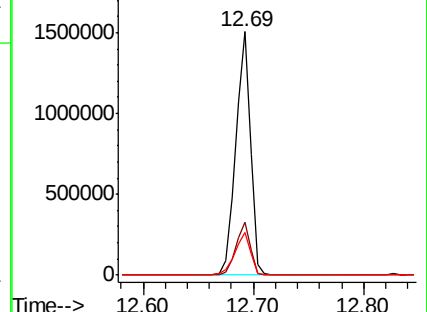
203 17.7 14.6 22.0

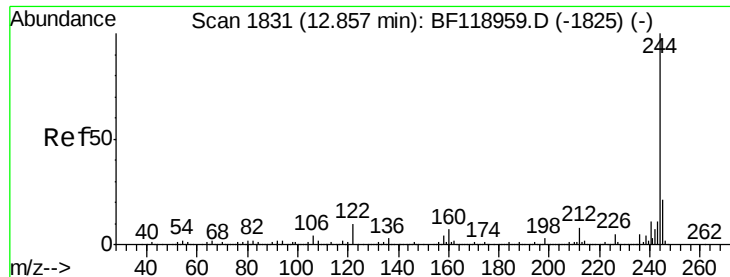


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.686 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

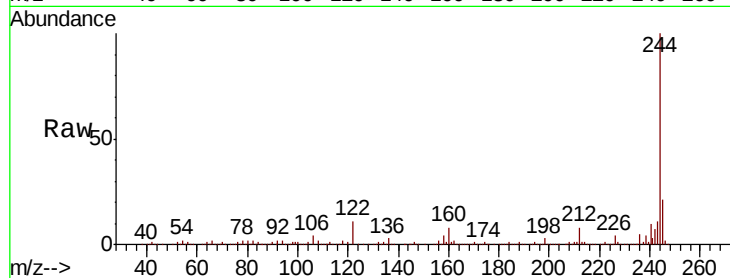
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1788825

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.8	8.2	12.2

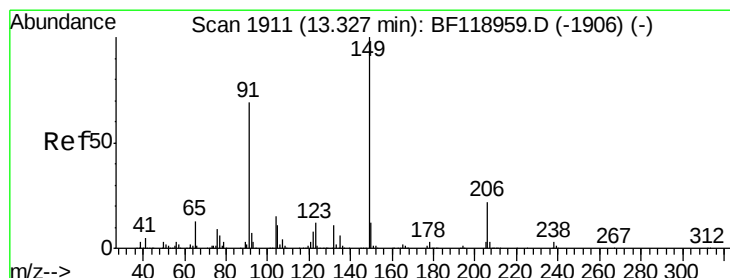
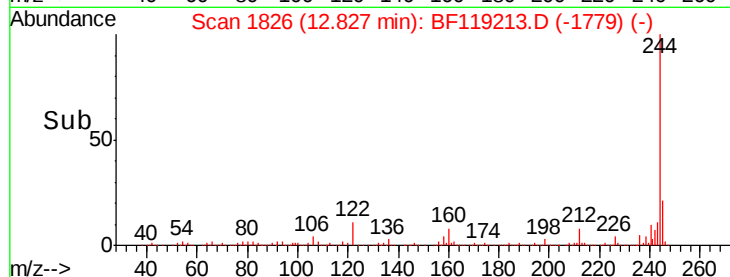
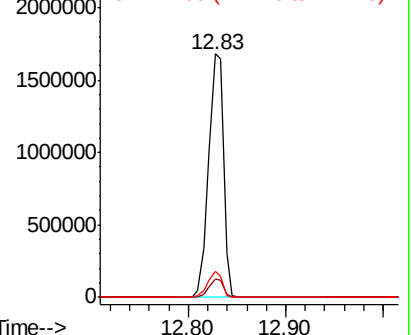


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.738 ng

RT: 13.30 min Scan# 1907

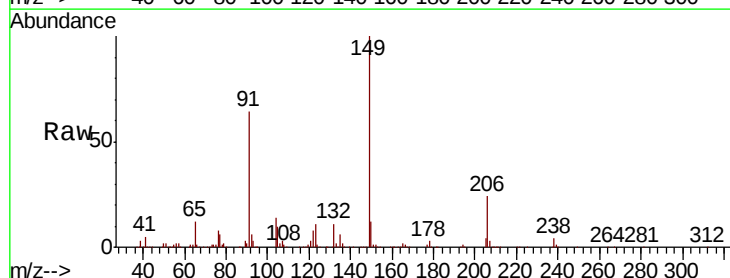
Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:149 Resp: 600914

Ion	Ratio	Lower	Upper
149	100		
91	63.5	52.3	78.5
206	23.7	18.5	27.7

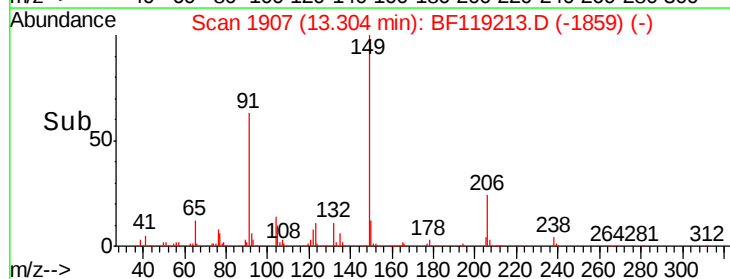
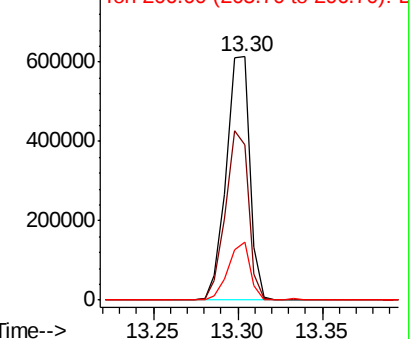


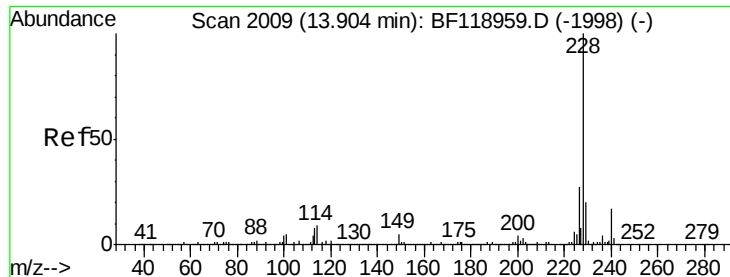
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.995 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

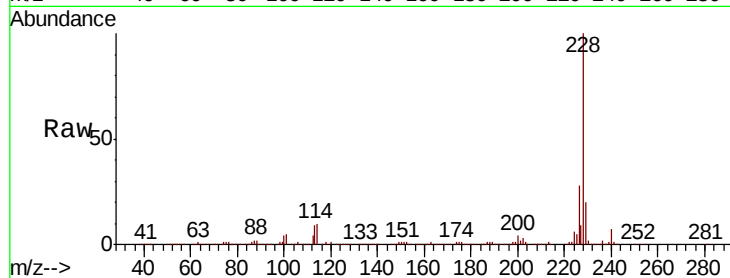
Tot Ion:228 Resp: 1167297

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

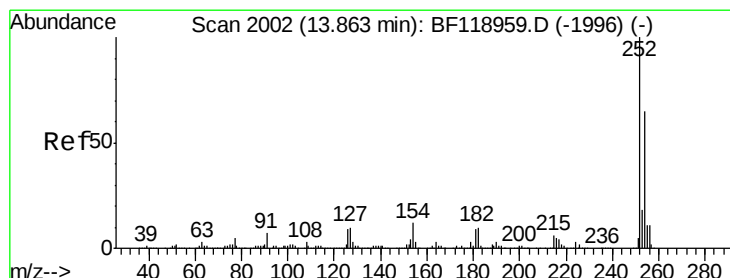
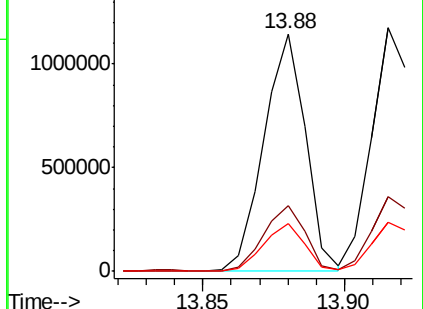
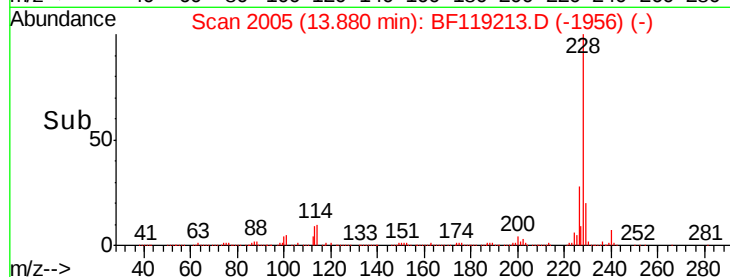
229 20.2 16.6 24.8



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: 33.537 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

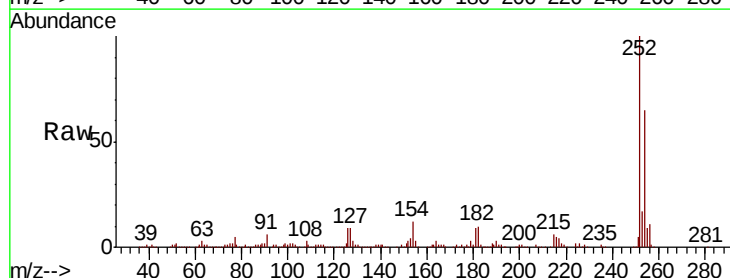
Tgt Ion:252 Resp: 330491

Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

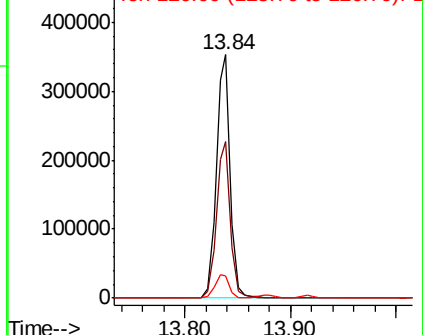
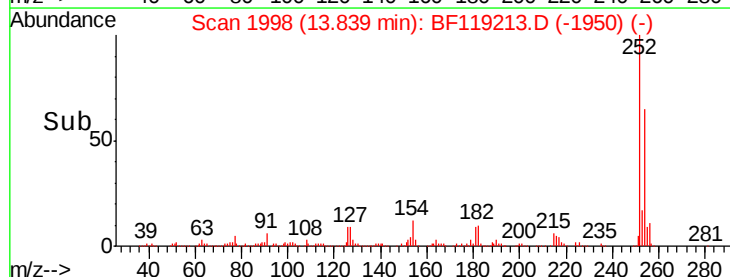
126 9.1 7.4 11.0

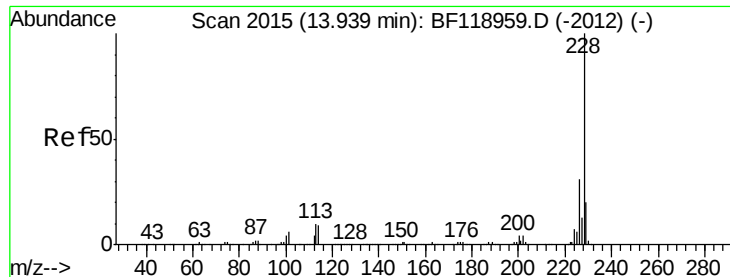


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

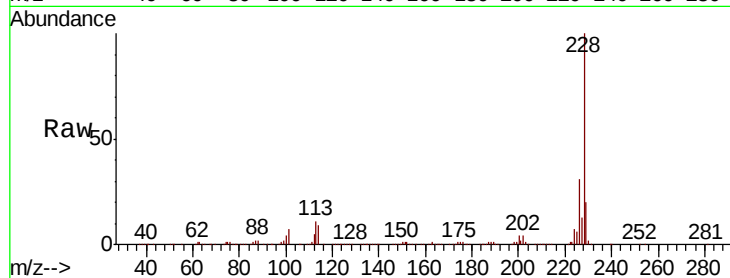




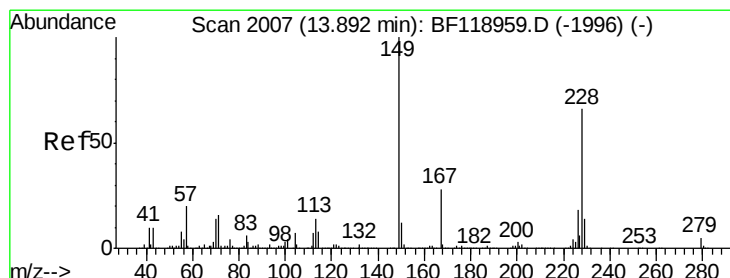
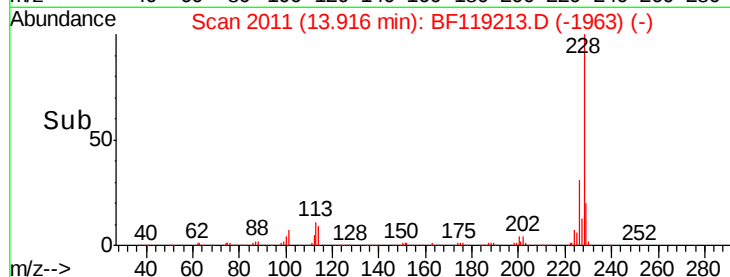
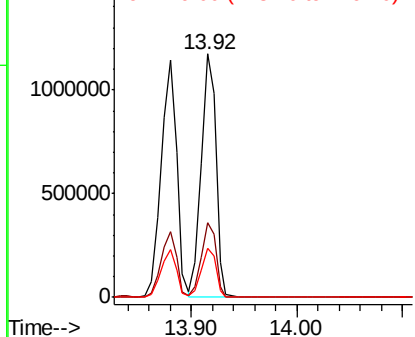
#83
 Chrvsene
 Concen: 44.251 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1119014
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.1 37.7
 229 20.4 16.3 24.5

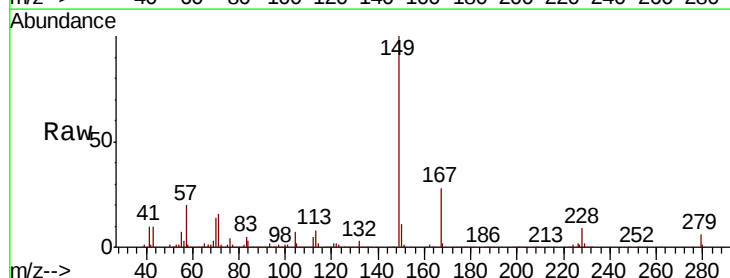


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

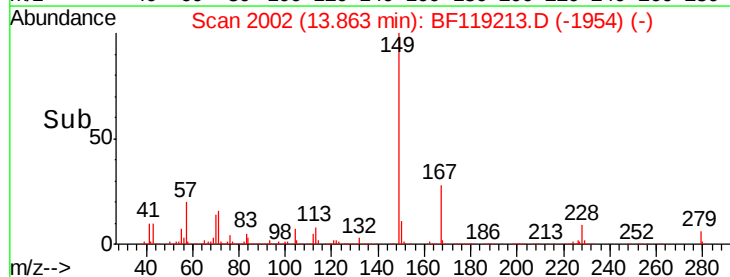
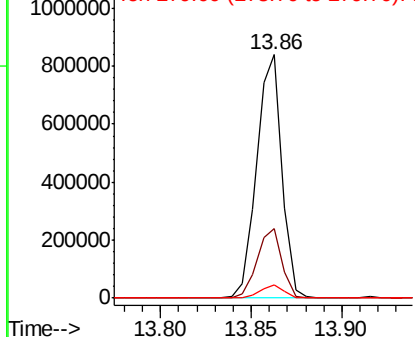


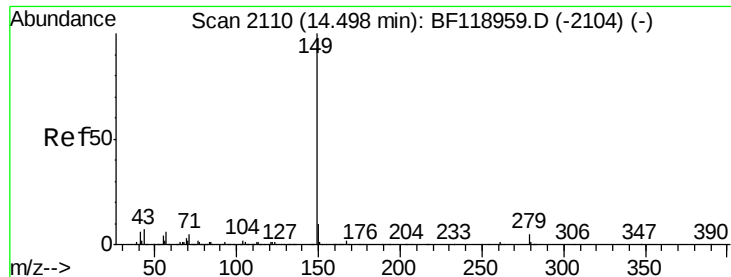
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.835 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion:149 Resp: 808420
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.8 34.2
 279 5.7 4.6 6.8



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: 48.268 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

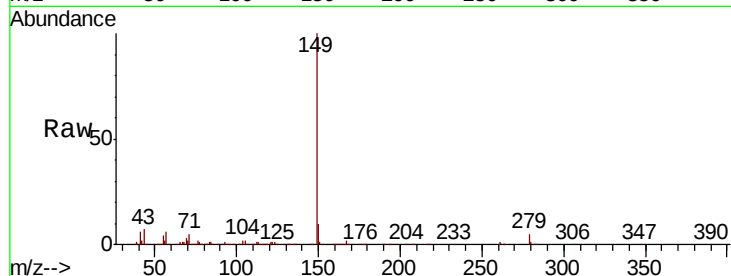
Tot Ion:149 Resp: 1223019

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

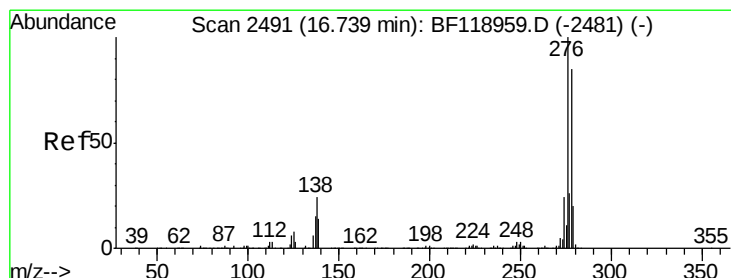
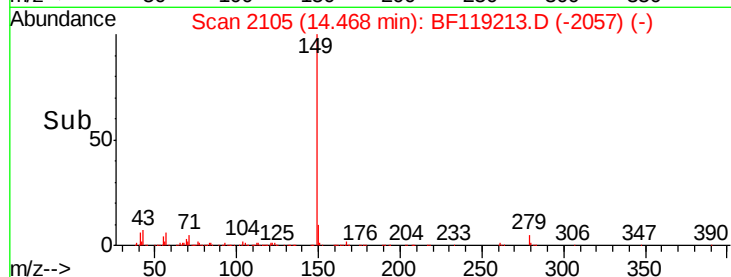
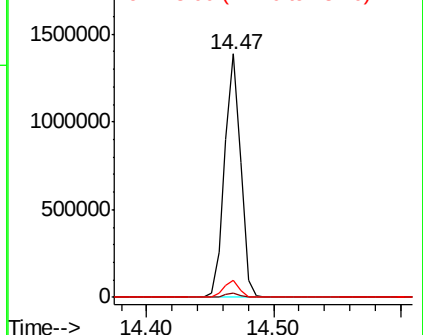
43 6.6 5.7 8.5



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: 38.357 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

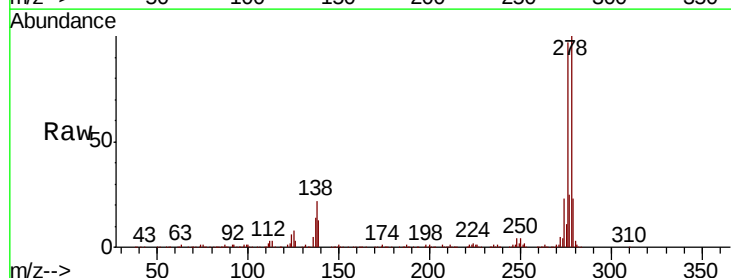
Tgt Ion:276 Resp: 939192

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

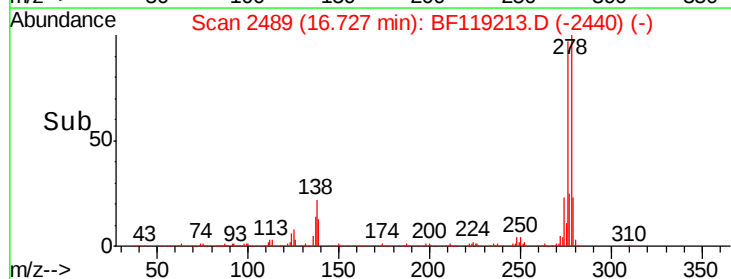
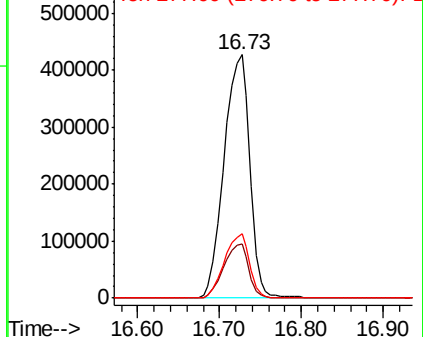
277 25.5 20.3 30.5

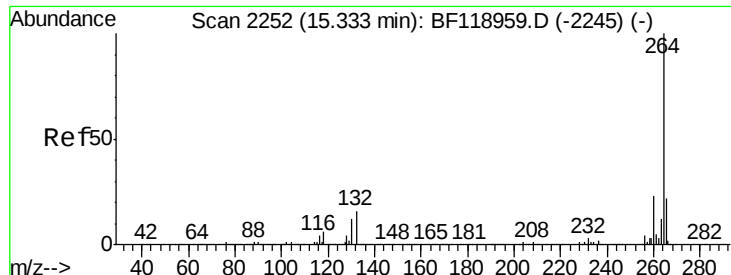


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

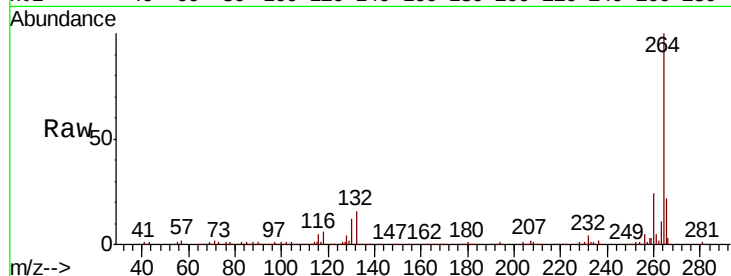




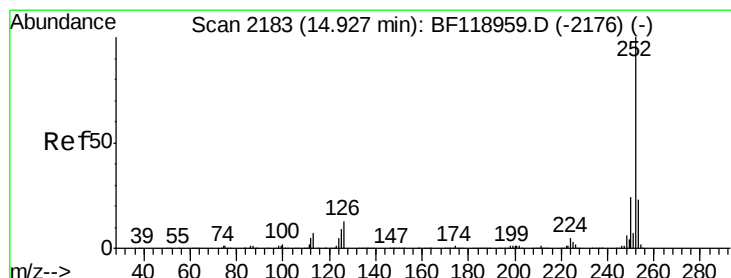
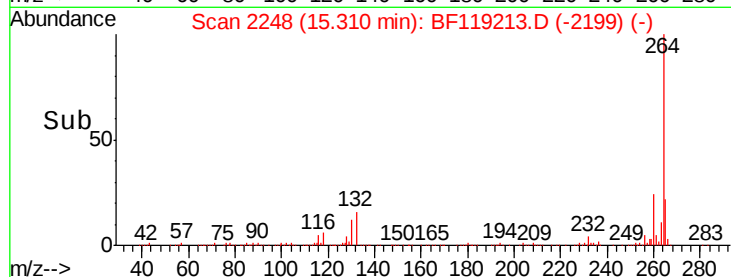
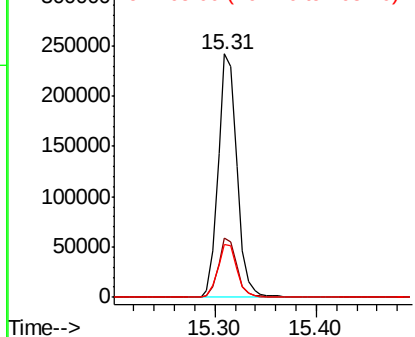
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 310738
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.9 17.7 26.5

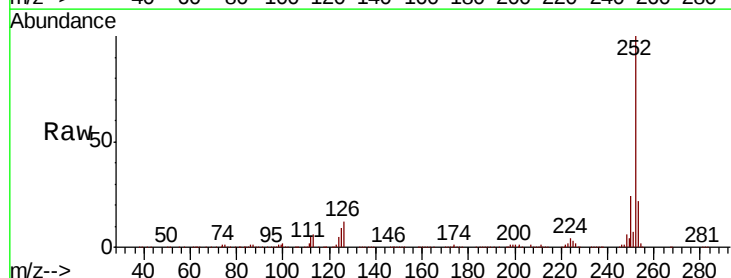


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

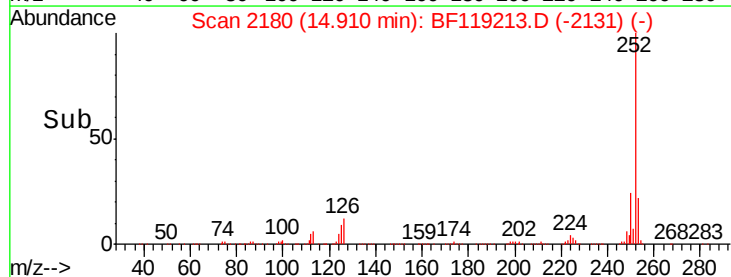
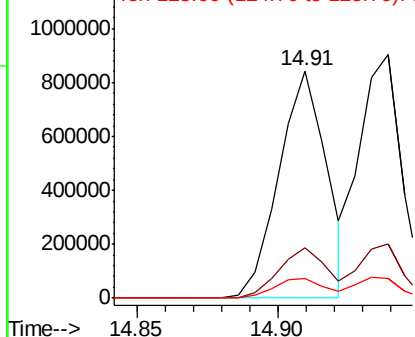


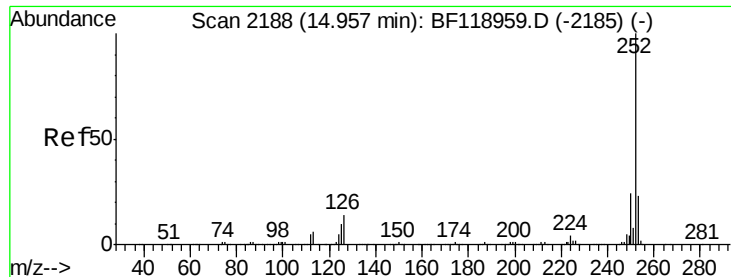
#88
Benzo(b)fluoranthene
Concen: 48.282 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:252 Resp: 988912
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.9 7.4 11.0



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

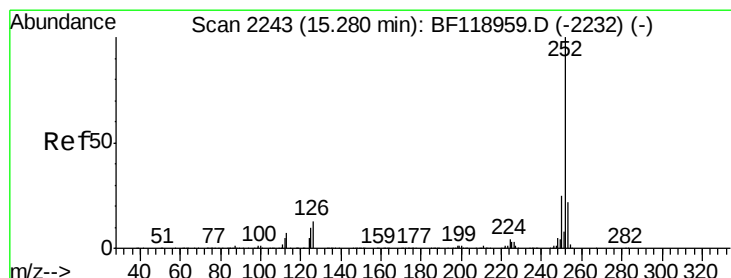
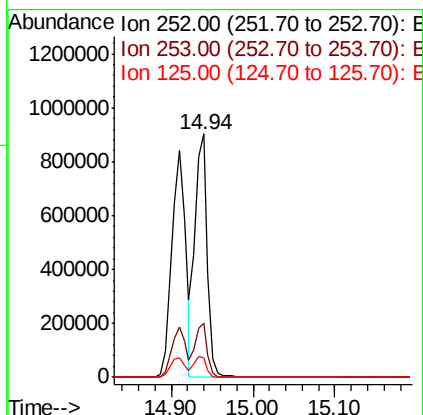
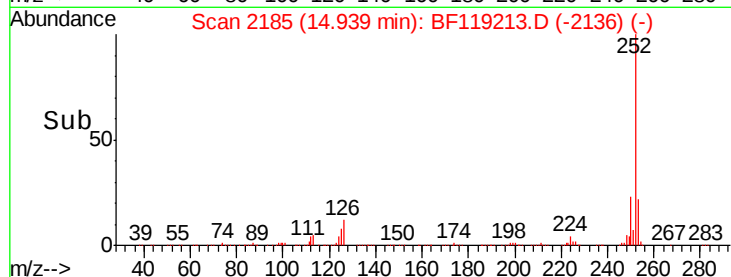
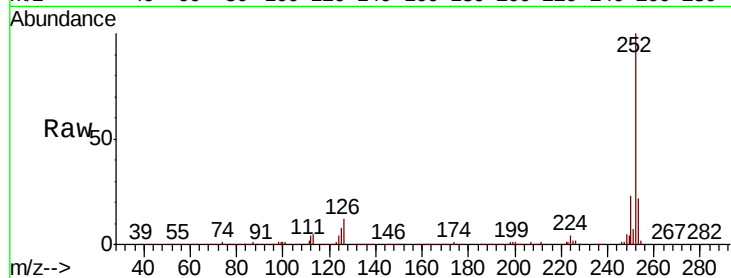




#89
Benzo(k)fluoranthene
Concen: 49.787 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

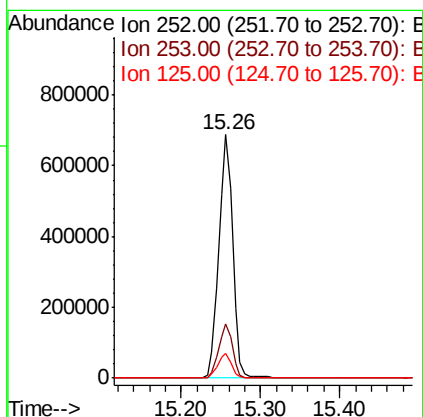
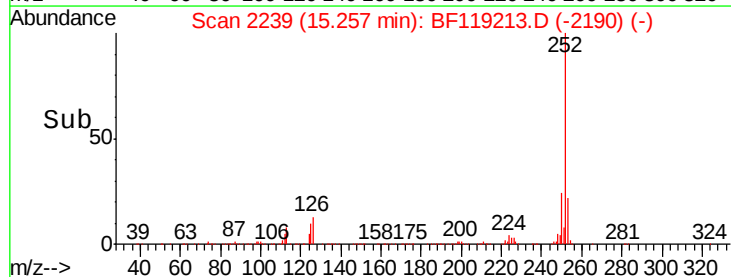
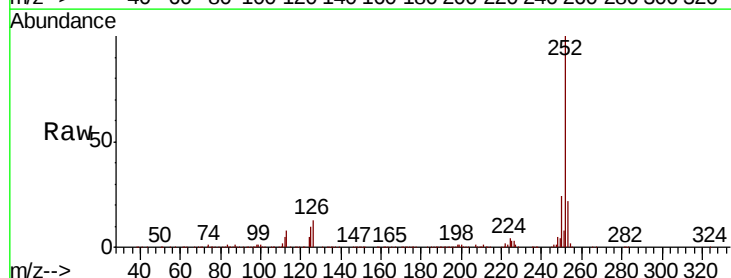
Instrument :
BNA_F
ClientSampleId :

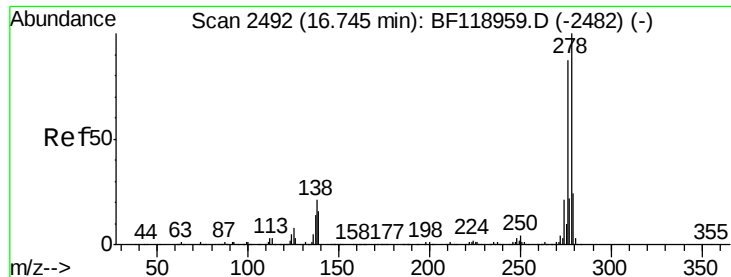
Tot Ion:252 Resp: 945024
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.352 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:252 Resp: 838370
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 48.893 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampled :

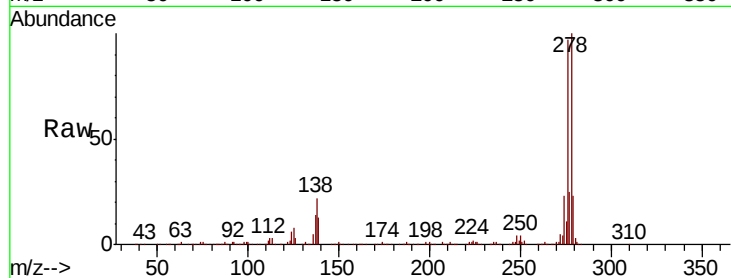
Tot Ion:278 Resp: 795251

Ion Ratio Lower Upper

278 100

139 13.3 11.0 16.4

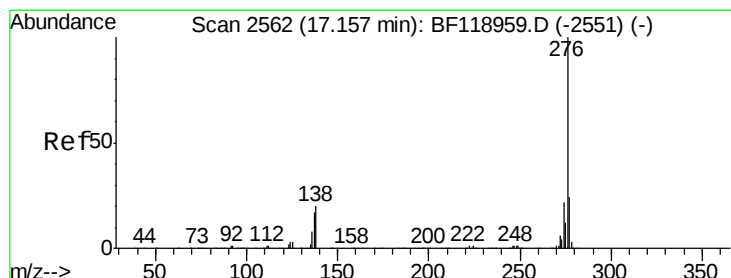
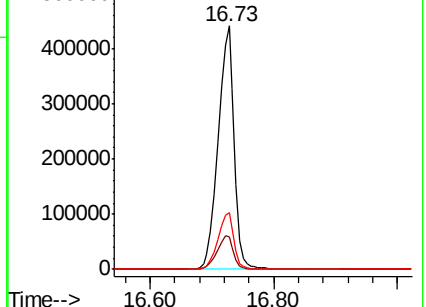
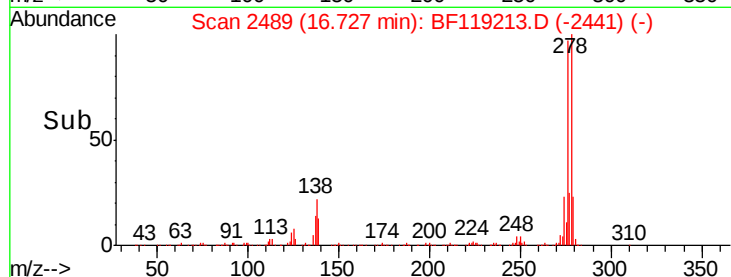
279 23.4 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.623 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

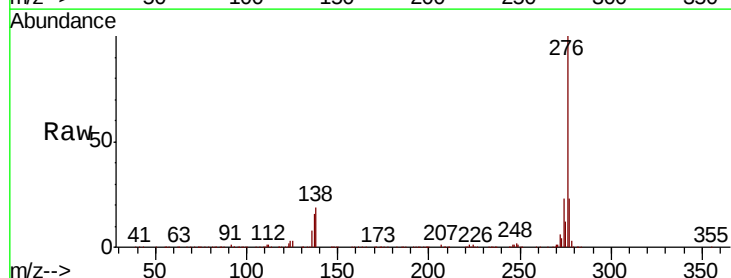
Tgt Ion:276 Resp: 797482

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.5 14.3 21.5



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

