

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120226.D
 Acq On : 27 Apr 2020 18:32
 Operator : MA/SJ
 Sample : L2405-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:11:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	119810	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	513764	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	258293	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	504022	20.00	ng	0.00
76) Chrysene-d12	13.83	240	335469	20.00	ng	-0.01
87) Perylene-d12	15.23	264	300196	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	235803	34.01	ng	0.00
7) Phenol-d6	6.32	99	183470	20.54	ng	-0.01
23) Nitrobenzene-d5	7.23	82	926575	93.30	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	206945	65.44	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1737754	95.52	ng	0.00
79) Terphenyl-d14	12.78	244	1949371	97.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	60755	19.676	ng	98
3) Pyridine	2.99	79	148755	17.559	ng	98
4) n-Nitrosodimethylamine	2.93	42	94337	21.794	ng	99
6) Aniline	6.32	93	358448	30.572	ng	94
8) 2-Chlorophenol	6.46	128	166376	21.479	ng	95
9) Benzaldehyde	6.21	77	202681	44.261	ng	98
10) Phenol	6.33	94	103332	10.196	ng	# 1
11) bis(2-Chloroethyl)ether	6.40	93	407901	52.127	ng	99
12) 1,3-Dichlorobenzene	6.60	146	408018	48.113	ng	98
13) 1,4-Dichlorobenzene	6.68	146	410184	47.482	ng	99
14) 1,2-Dichlorobenzene	6.83	146	428789	53.859	ng	100
15) Benzyl Alcohol	6.81	79	237767	34.268	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	761002	49.977	ng	73
17) 2-Methylphenol	6.94	107	154923	22.411	ng	# 76
18) Hexachloroethane	7.17	117	165872	51.378	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	330672	57.564	ng	99
20) 3+4-Methylphenols	7.09	107	169097	20.001	ng	# 84
22) Acetophenone	7.08	105	642272	53.386	ng	# 96
24) Nitrobenzene	7.25	77	487103	48.758	ng	99
25) Isophorone	7.49	82	893380	46.666	ng	99
26) 2-Nitrophenol	7.57	139	120879	24.219	ng	88
27) 2,4-Dimethylphenol	7.62	122	277232	36.829	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	566034	50.247	ng	99
29) 2,4-Dichlorophenol	7.82	162	174468	22.612	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	395994	45.294	ng	96
31) Naphthalene	7.97	128	1290577	47.745	ng	98
32) Benzoic acid	7.70	122	13694	2.071	ng	87
33) 4-Chloroaniline	8.03	127	417843	35.508	ng	99
34) Hexachlorobutadiene	8.09	225	220983	42.225	ng	98
35) Caprolactam	8.39	113	15547	6.587	ng	# 87
36) 4-Chloro-3-methylphenol	8.52	107	210255	25.169	ng	96
37) 2-Methylnaphthalene	8.66	142	889440	48.535	ng	97
38) 1-Methylnaphthalene	8.76	142	836984	48.456	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	387179	47.460	ng	98

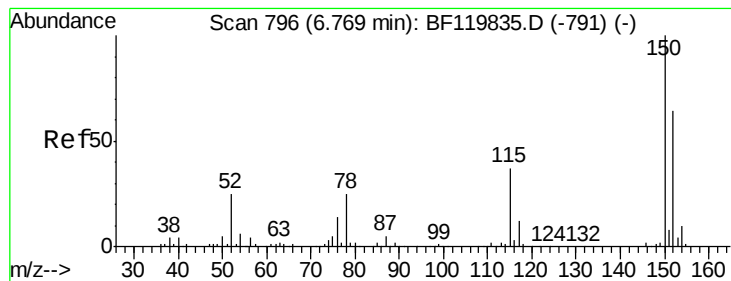
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120226.D
 Acq On : 27 Apr 2020 18:32
 Operator : MA/SJ
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Quant Time: Apr 28 01:11:47 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	278412	60.016	ng	98
43) 2,4,6-Trichlorophenol	8.95	196	132869	23.586	ng	98
44) 2,4,5-Trichlorophenol	9.00	196	140243	22.103	ng	97
46) 1,1'-Biphenyl	9.13	154	1074646	49.293	ng	98
47) 2-Chloronaphthalene	9.15	162	824471	49.091	ng	99
48) 2-Nitroaniline	9.26	65	299898	49.275	ng	94
49) Acenaphthylene	9.57	152	1286643	50.375	ng	98
50) Dimethylphthalate	9.44	163	1169883	58.557	ng	99
51) 2,6-Dinitrotoluene	9.50	165	218895	50.033	ng	97
52) Acenaphthene	9.74	154	780106	45.787	ng	100
53) 3-Nitroaniline	9.67	138	188859	37.797	ng	95
54) 2,4-Dinitrophenol	9.78	184	66788	25.498	ng	97
55) Dibenzofuran	9.91	168	1167850	49.950	ng	99
56) 4-Nitrophenol	9.86	139	39545	10.637	ng	95
57) 2,4-Dinitrotoluene	9.90	165	286122	49.639	ng	95
58) Fluorene	10.26	166	932311	49.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	111691	23.016	ng	98
60) Diethylphthalate	10.13	149	1017787	49.153	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	443386	46.265	ng	97
62) 4-Nitroaniline	10.28	138	234304	49.205	ng	99
63) Azobenzene	10.41	77	948397	51.108	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	62084	18.697	ng	96
66) n-Nitrosodiphenylamine	10.37	169	826087	49.282	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	274181	43.743	ng	94
68) Hexachlorobenzene	10.80	284	293795	46.204	ng	97
69) Atrazine	10.90	200	251999	54.033	ng	99
70) Pentachlorophenol	11.00	266	115476	31.513	ng	99
71) Phenanthrene	11.22	178	1341410	50.007	ng	98
72) Anthracene	11.27	178	1381090	50.399	ng	98
73) Carbazole	11.43	167	1277471	49.296	ng	98
74) Di-n-butylphthalate	11.76	149	1636402	48.035	ng	99
75) Fluoranthene	12.40	202	1434960	49.578	ng	98
77) Benzidine	12.53	184	831837	73.355	ng	99
78) Pyrene	12.63	202	1437606	50.834	ng	98
80) Butylbenzylphthalate	13.26	149	668320	48.702	ng	98
81) Benzo(a)anthracene	13.82	228	1086678	49.239	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	362530	44.025	ng	99
83) Chrysene	13.86	228	1098160	48.972	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	894049	48.110	ng	99
85) Di-n-octyl phthalate	14.43	149	1496215	47.287	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	936477	47.376	ng	99
88) Benzo(b)fluoranthene	14.84	252	992585	45.963	ng	97
89) Benzo(k)fluoranthene	14.87	252	965872	51.837	ng	100
90) Benzo(a)pyrene	15.18	252	868906	47.854	ng	97
91) Dibenzo(a,h)anthracene	16.61	278	779248	48.450	ng	99
92) Benzo(g,h,i)perylene	17.00	276	761350	47.955	ng	96

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

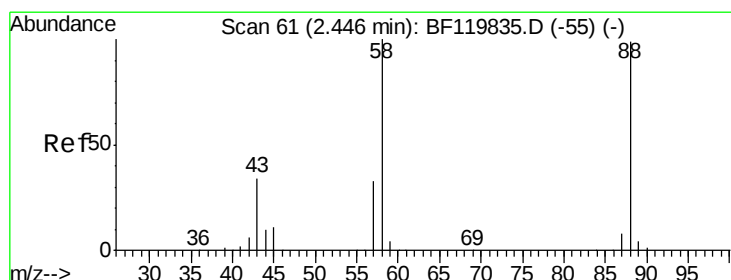
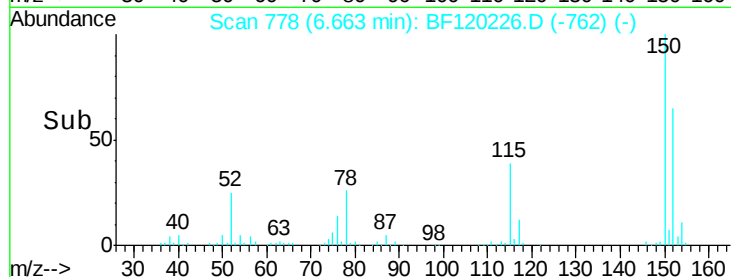
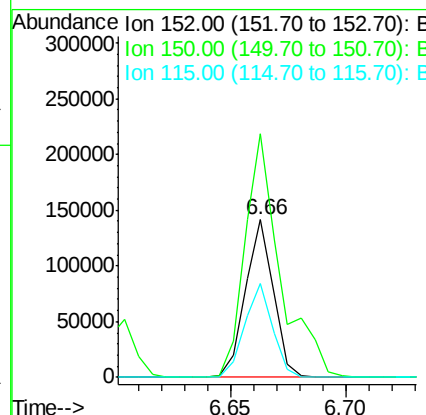
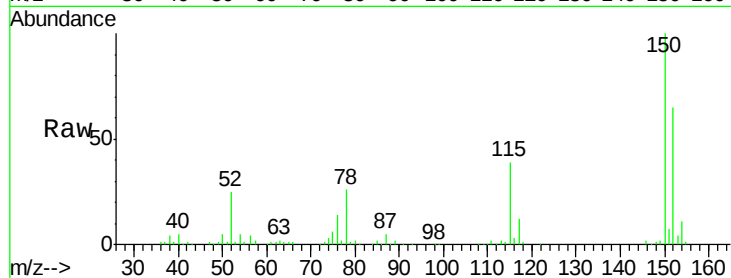


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampled :

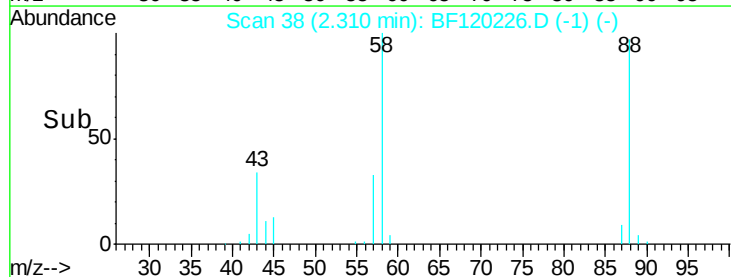
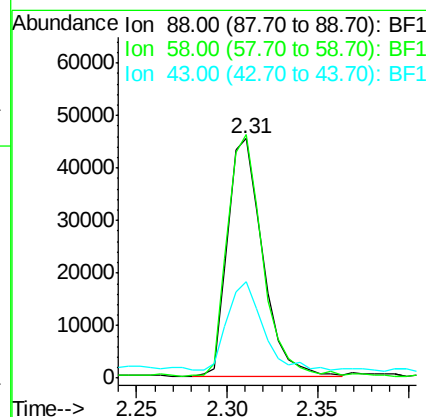
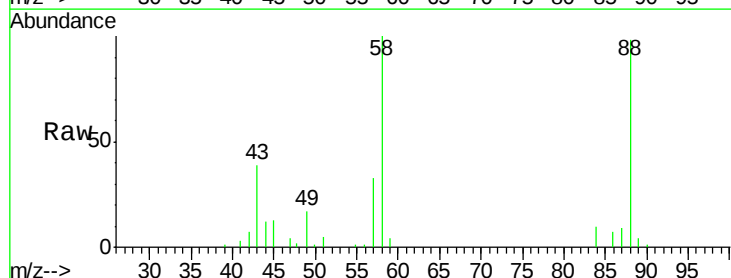
Tot Ion:152 Resp: 119810
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 59.7 49.6 74.4

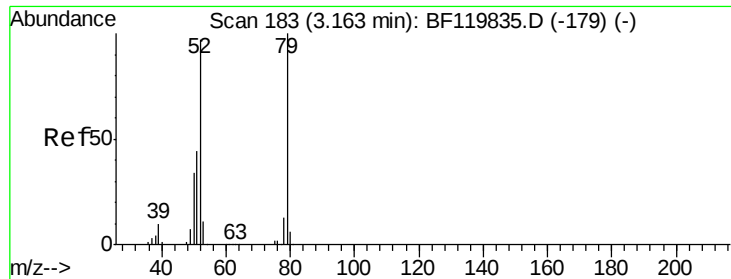


#2

1,4-Dioxane
Concen: 19.676 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.04 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion: 88 Resp: 60755
Ion Ratio Lower Upper
88 100
58 101.6 80.6 121.0
43 36.6 27.5 41.3





#3

Pvridine

Concen: 17.559 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

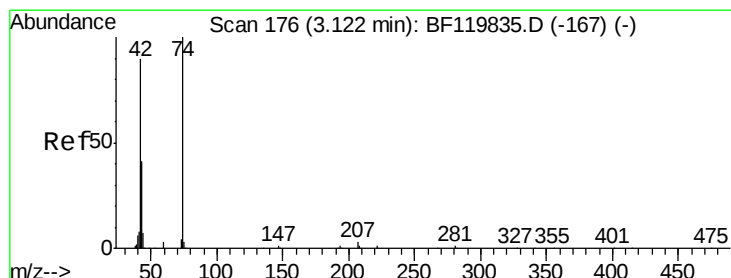
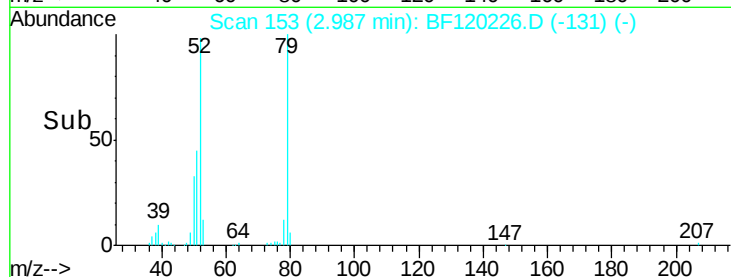
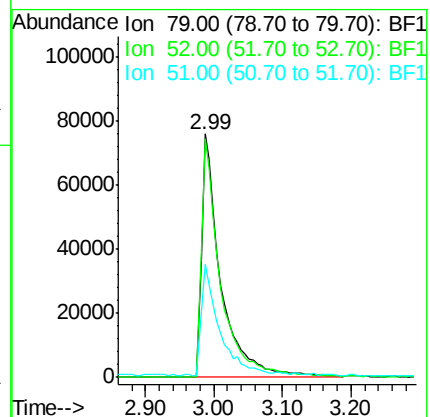
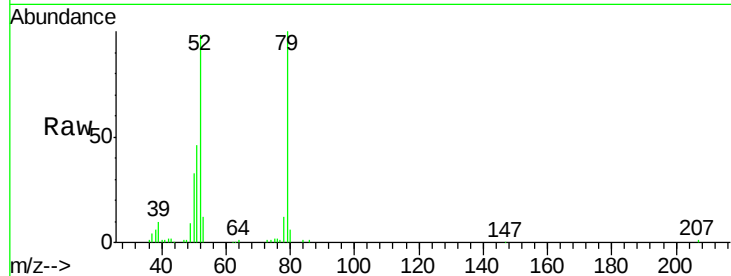
Tot Ion: 79 Resp: 148755

Ion Ratio Lower Upper

79 100

52 98.0 80.2 120.2

51 46.4 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 21.794 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

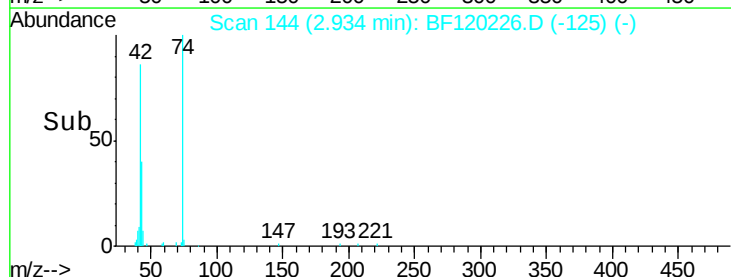
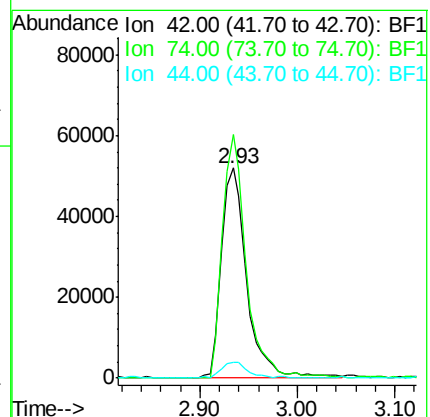
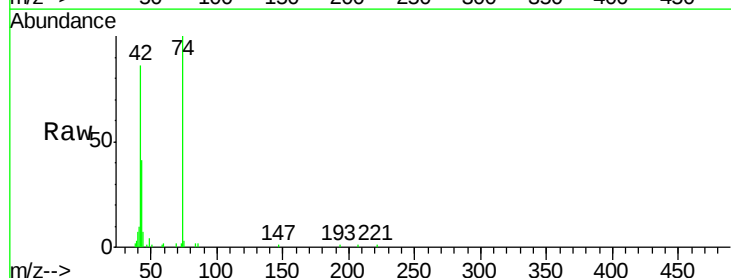
Tgt Ion: 42 Resp: 94337

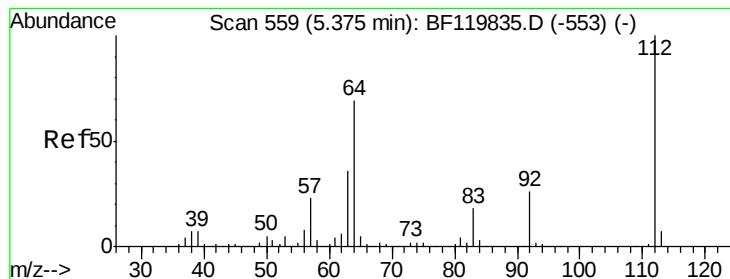
Ion Ratio Lower Upper

42 100

74 115.8 91.5 137.3

44 7.7 6.2 9.4





#5

2-Fluorophenol

Concen: 34.013 ng

RT: 5.28 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

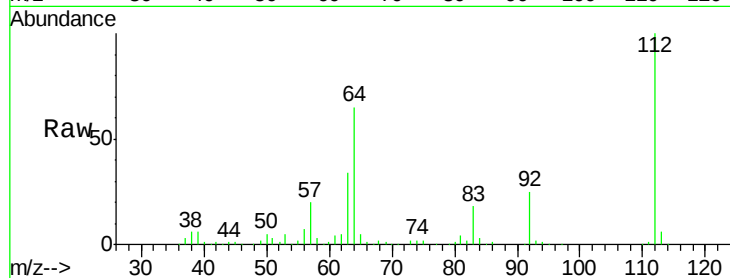
Tot Ion: 112 Resp: 235803

Ion Ratio Lower Upper

112 100

64 65.3 56.7 85.1

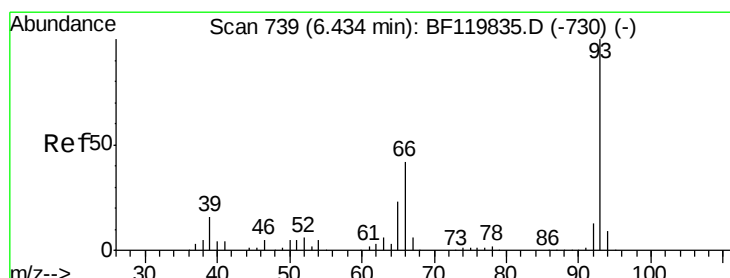
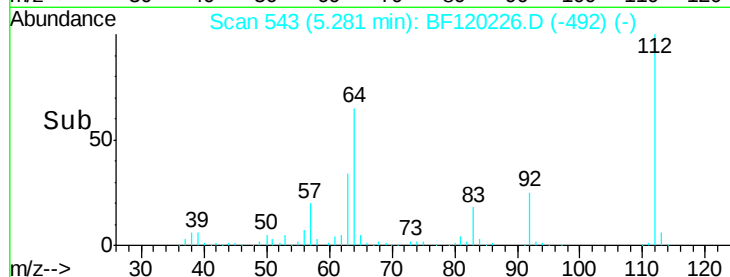
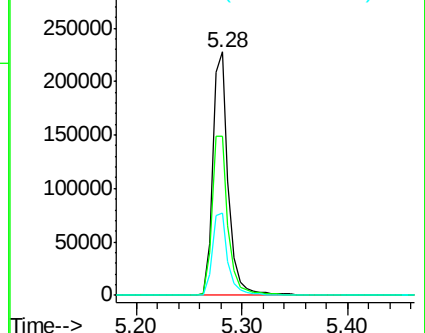
63 33.8 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.572 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

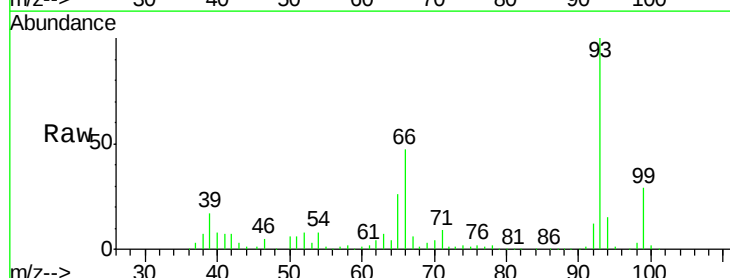
Tgt Ion: 93 Resp: 358448

Ion Ratio Lower Upper

93 100

66 47.4 34.9 52.3

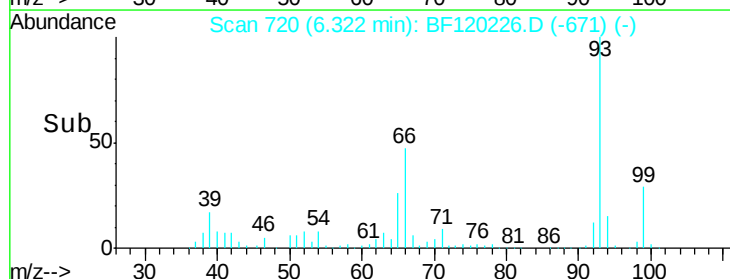
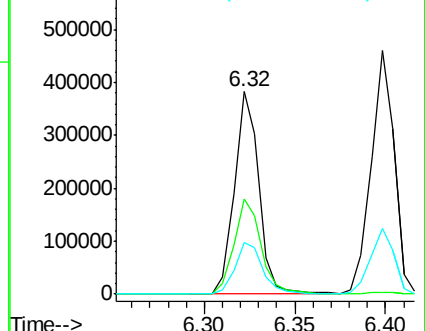
65 25.7 18.6 27.8



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: 20.538 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

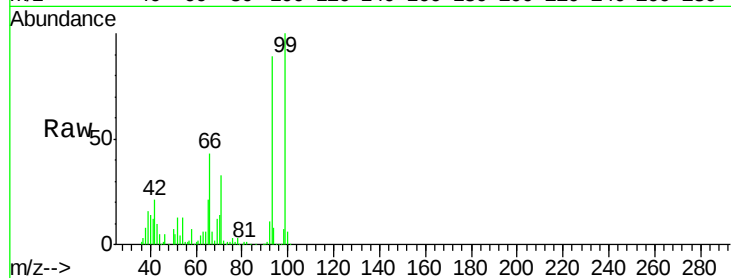
Tot Ion: 99 Resp: 183470

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

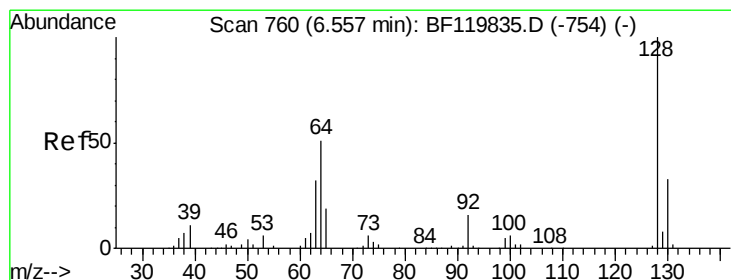
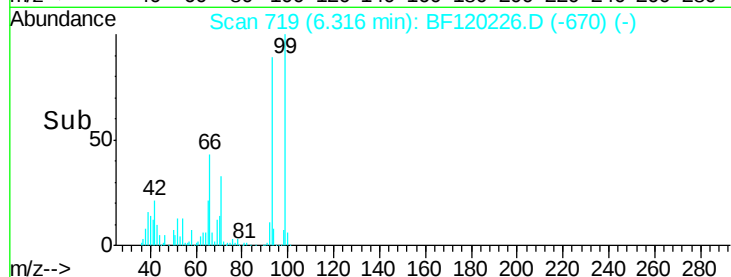
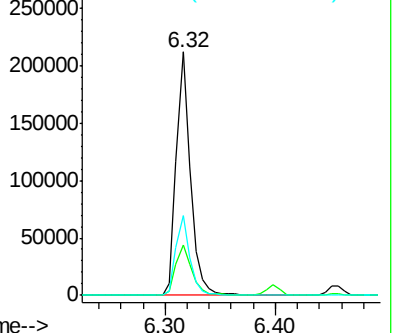
71 32.8 26.4 39.6



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: 21.479 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

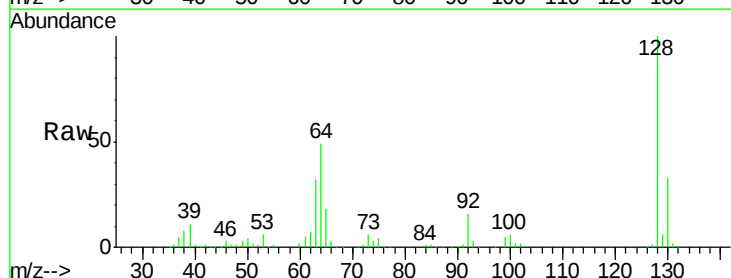
Tgt Ion:128 Resp: 166376

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

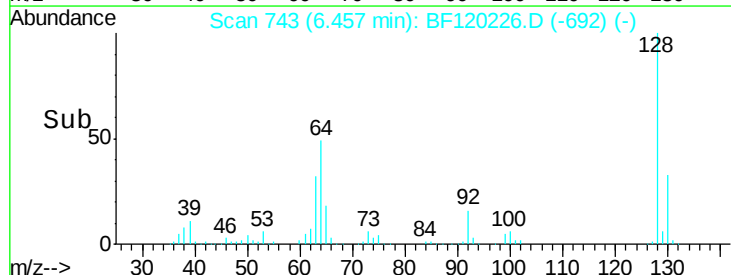
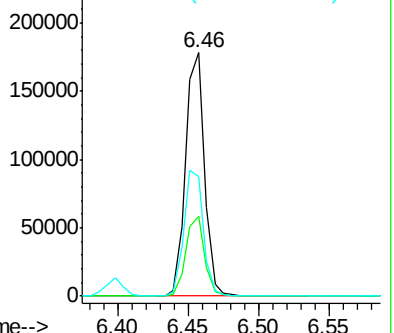
64 49.3 35.3 75.3

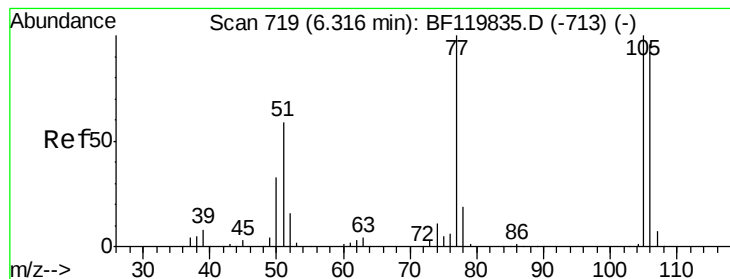


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.261 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

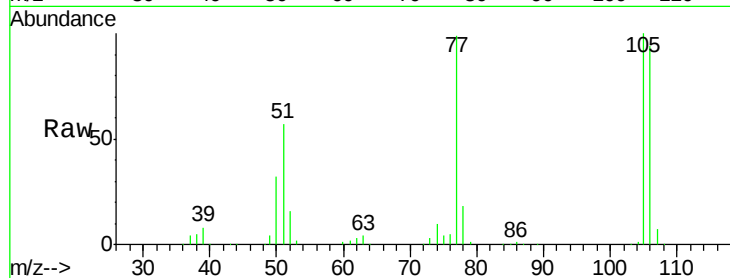
Tot Ion: 77 Resp: 202681

Ion Ratio Lower Upper

77 100

105 100.6 80.9 120.9

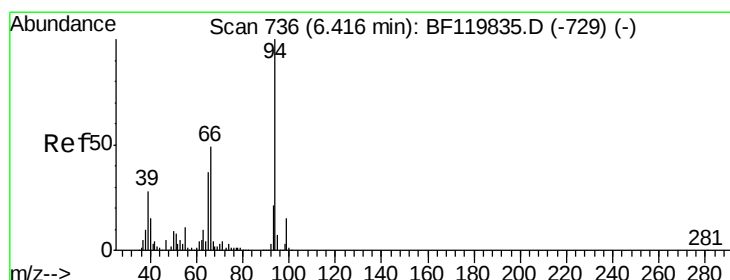
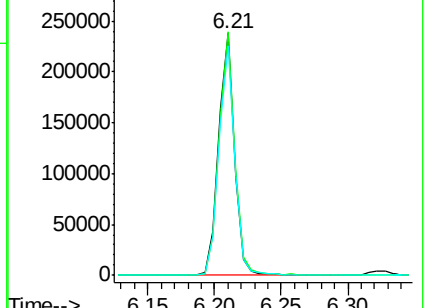
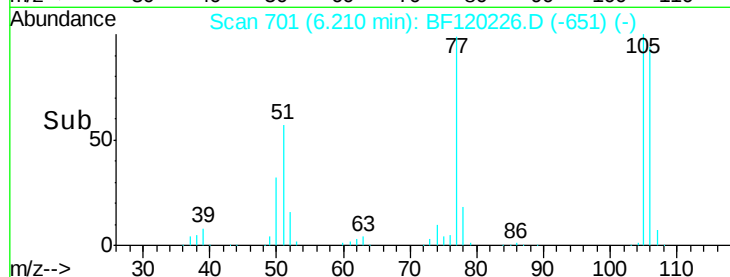
106 94.7 77.9 117.9



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: 10.196 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

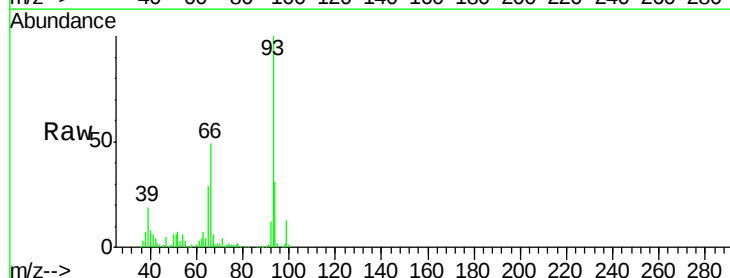
Tgt Ion: 94 Resp: 103332

Ion Ratio Lower Upper

94 100

65 91.0 13.2 53.2#

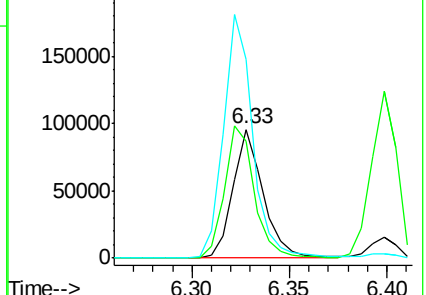
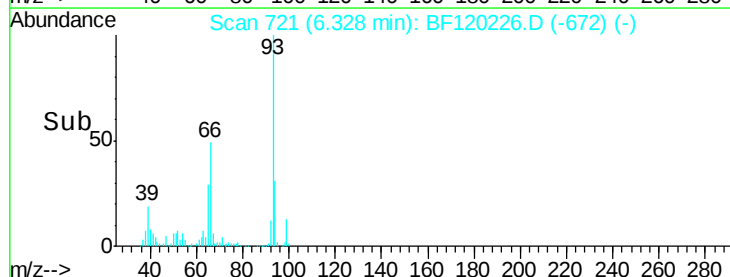
66 154.7 22.3 62.3#

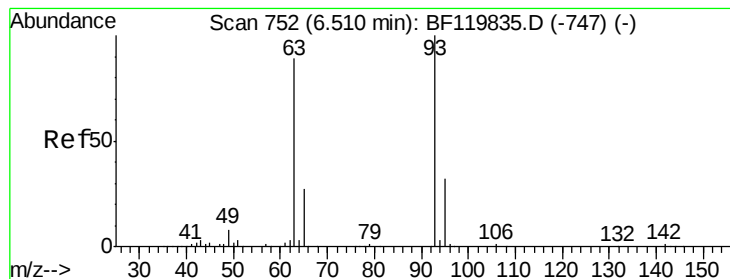


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 52.127 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

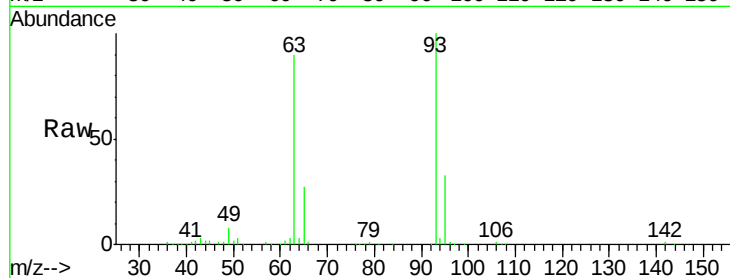
Tot Ion: 93 Resp: 407901

Ion Ratio Lower Upper

93 100

63 90.5 70.2 110.2

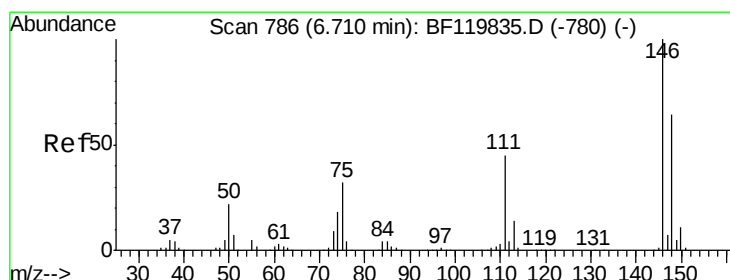
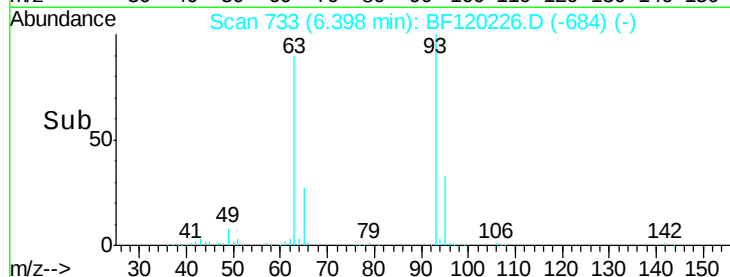
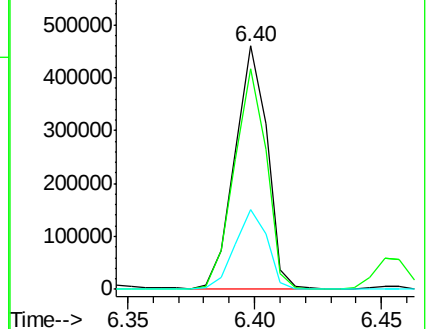
95 32.7 13.4 53.4



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: 48.113 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

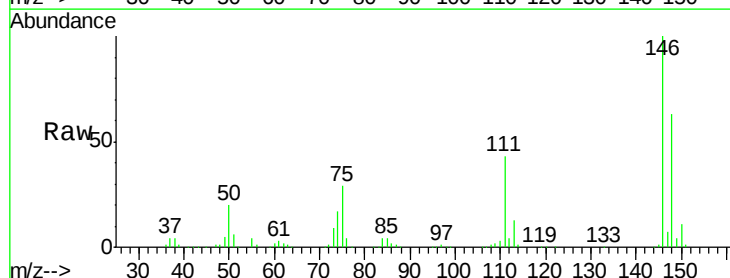
Tgt Ion: 146 Resp: 408018

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.4

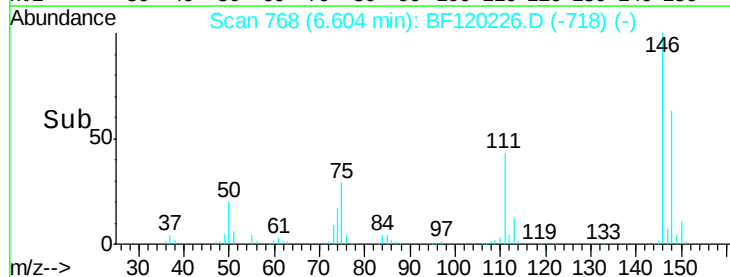
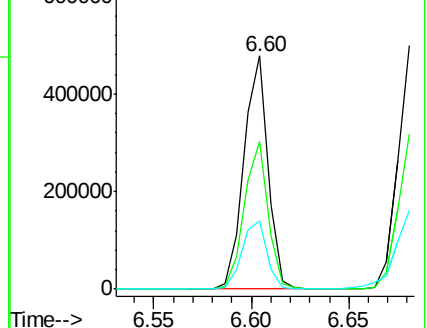
75 29.3 23.0 34.4

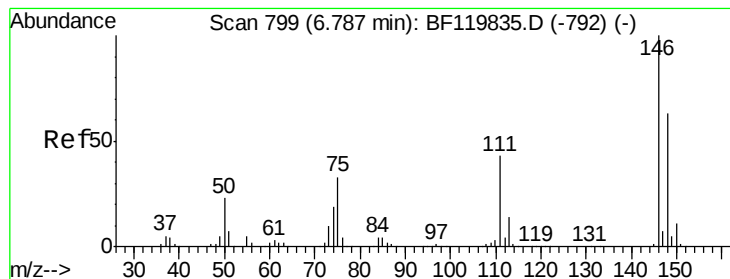


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 47.482 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

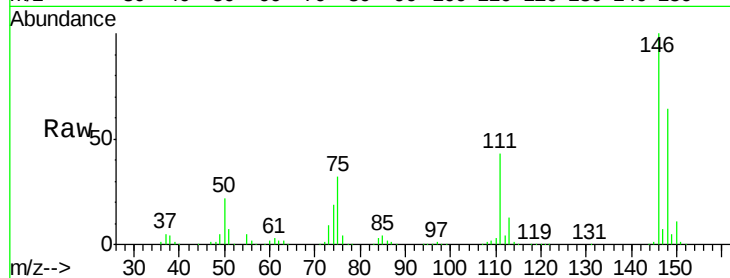
Tot Ion:146 Resp: 410184

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

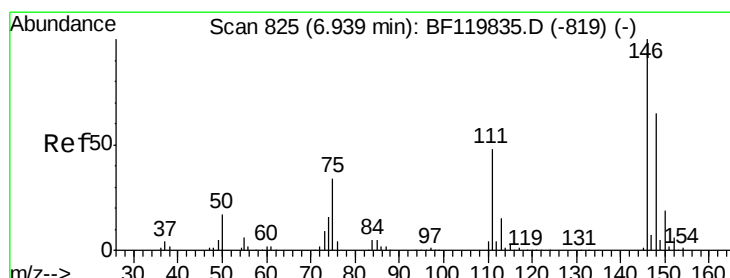
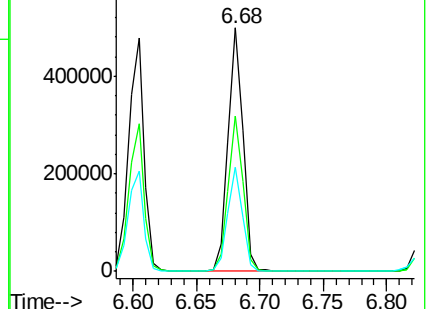
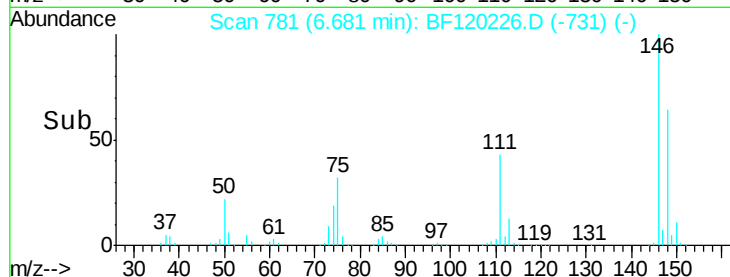
111 42.7 33.3 49.9



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: 53.859 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

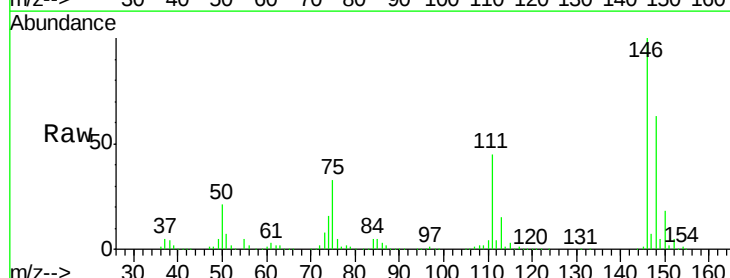
Tgt Ion:146 Resp: 428789

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

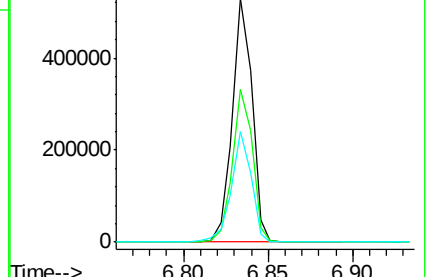
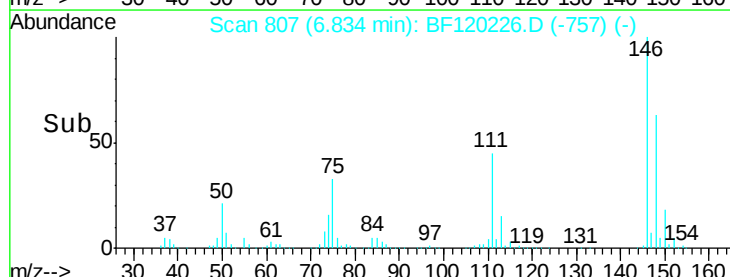
111 45.2 36.1 54.1

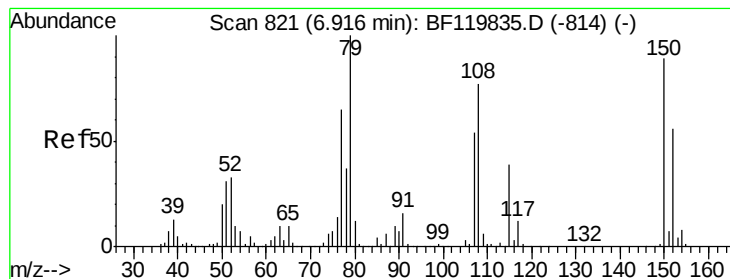


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.268 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

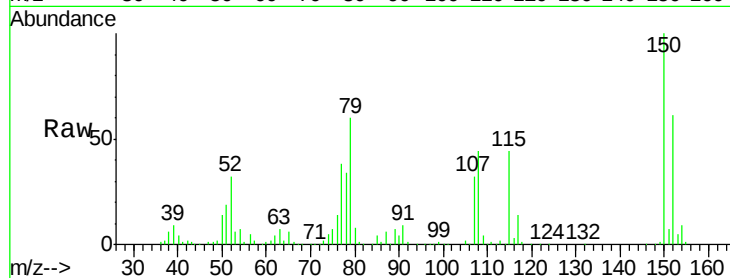
Tot Ion: 79 Resp: 237767

Ion Ratio Lower Upper

79 100

108 74.3 60.6 90.8

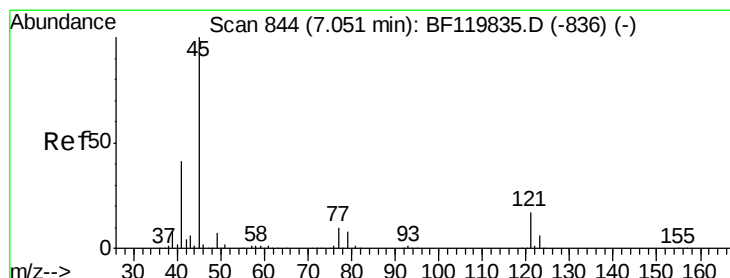
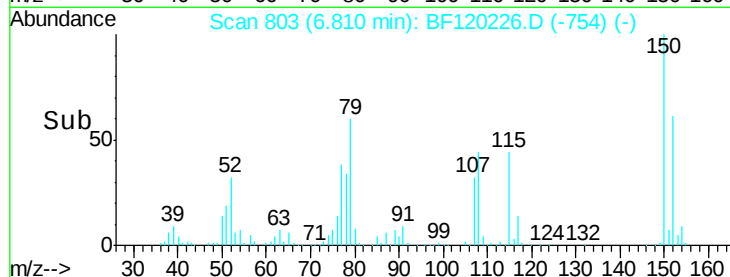
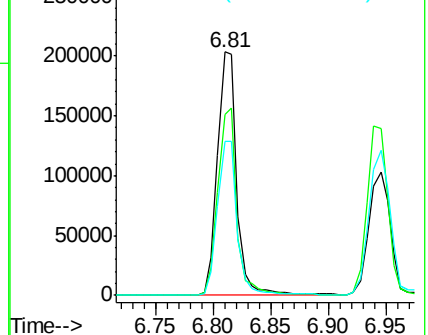
77 63.5 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.977 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

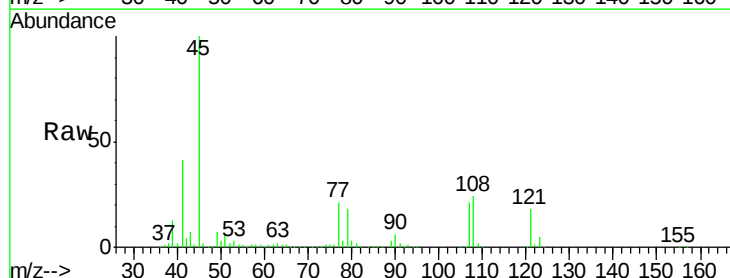
Tgt Ion: 45 Resp: 761002

Ion Ratio Lower Upper

45 100

77 21.0 0.0 30.7

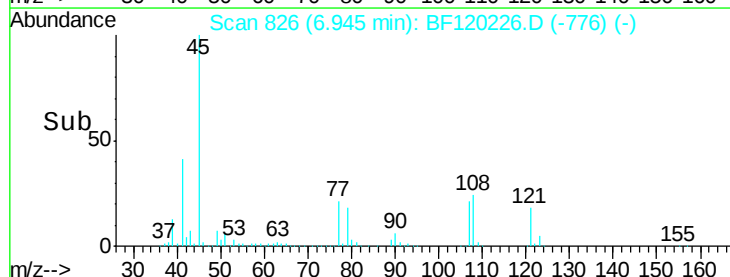
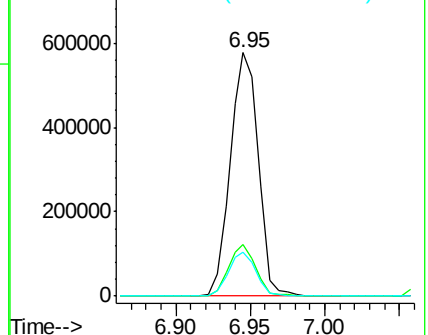
79 17.8 0.0 28.2

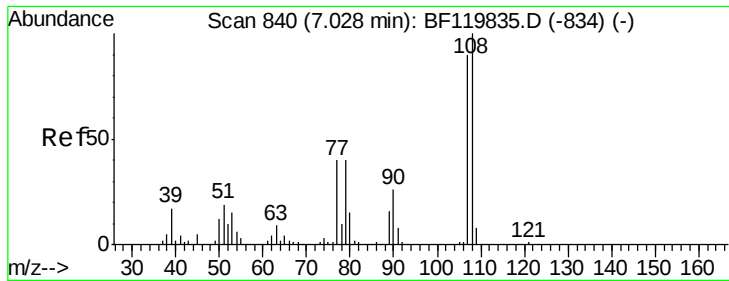


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

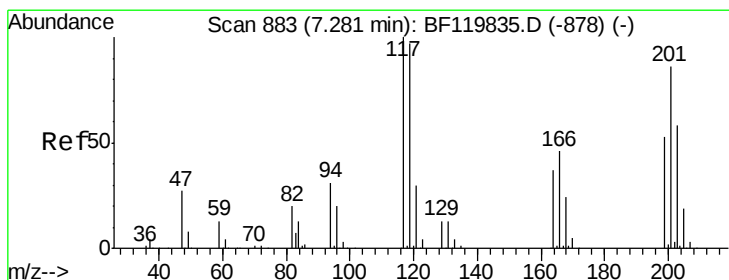
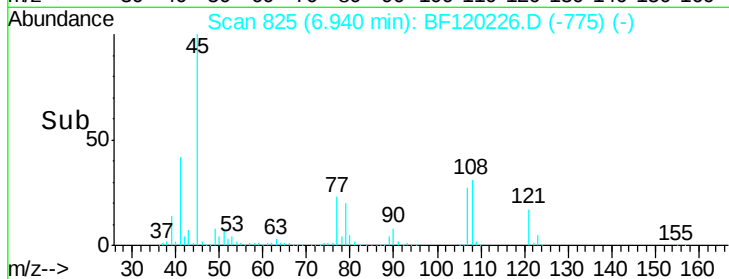
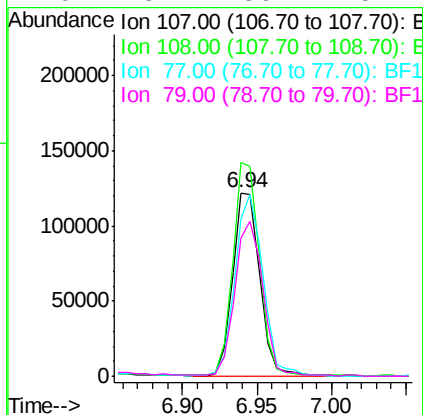
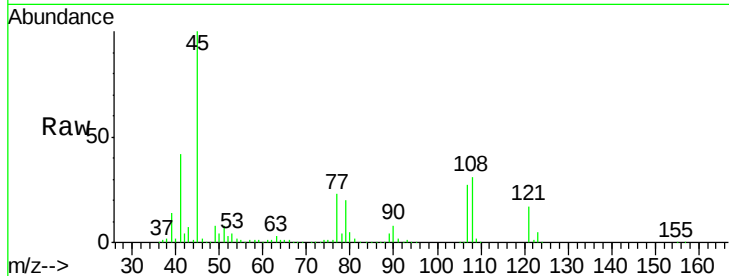




#17
2-Methylphenol
Concen: 22.411 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

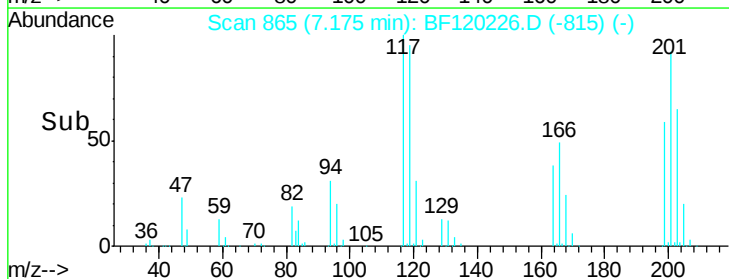
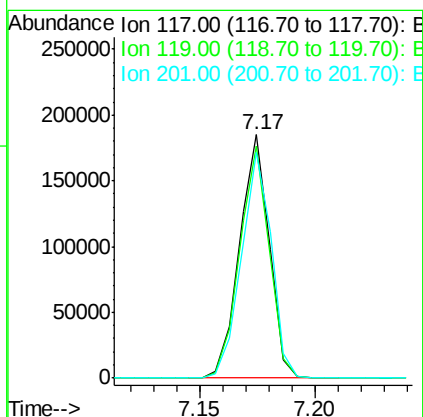
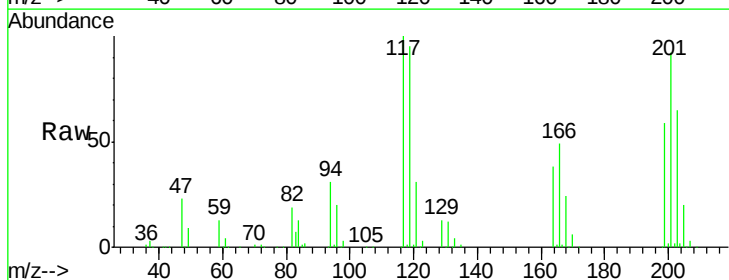
Instrument :
BNA_F
ClientSampleId :

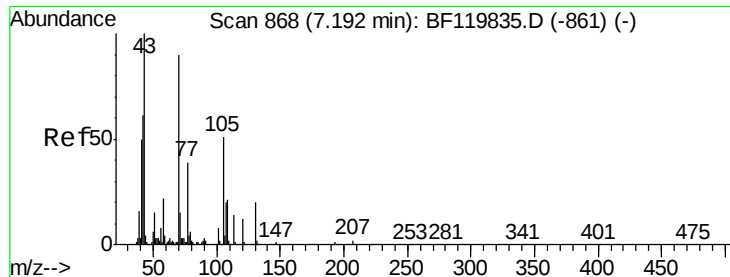
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.2	138.4
77	85.9	36.6	54.8#
79	75.2	36.2	54.4#



#18
Hexachloroethane
Concen: 51.378 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
201	92.5	73.0	109.6

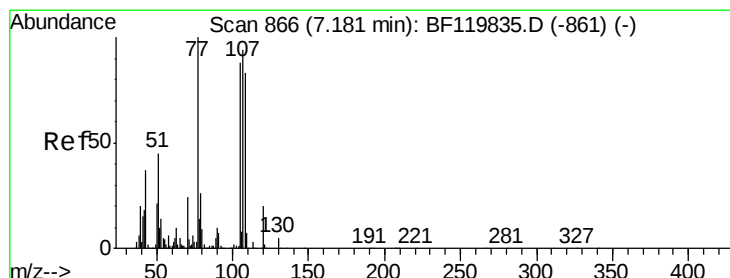
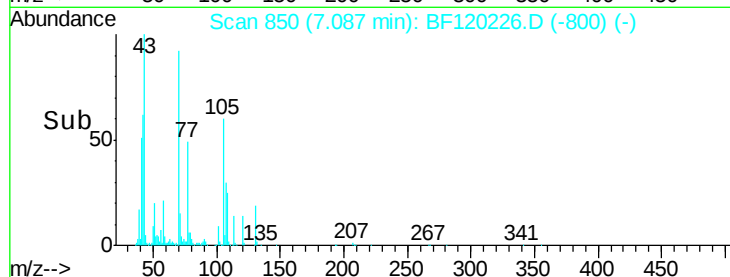
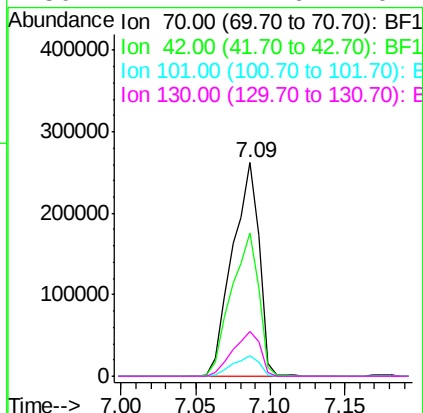
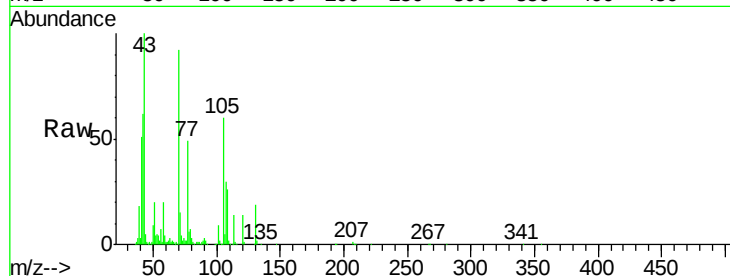




#19
n-Nitroso-di-n-propylamine
Concen: 57.564 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

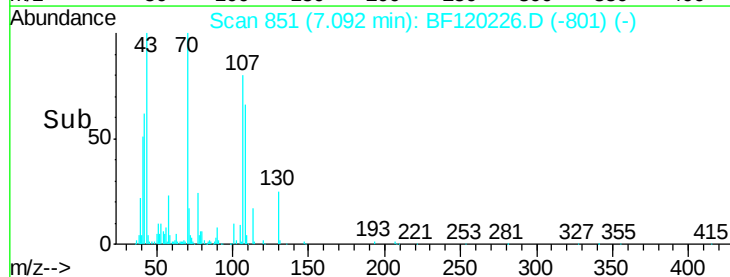
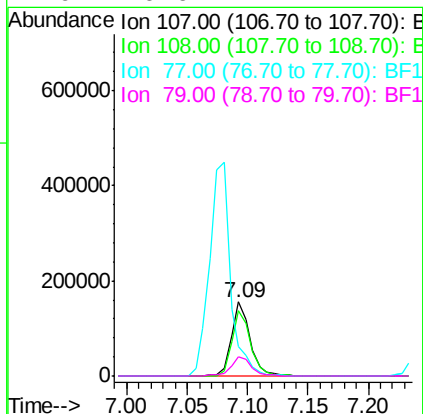
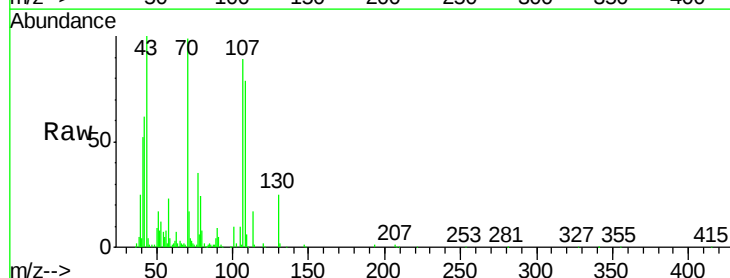
Instrument :
BNA_F
ClientSampleId :

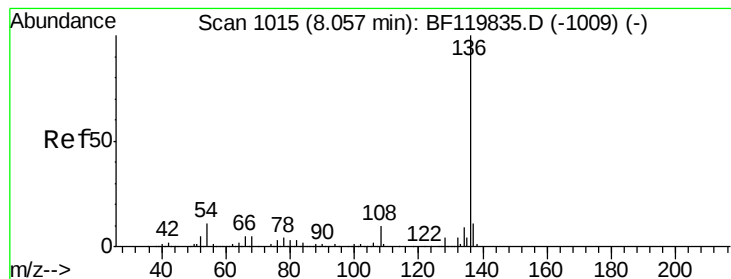
Tot Ion:	70	Resp:	330672
Ion	Ratio	Lower	Upper
70	100		
42	67.2	54.5	81.7
101	9.6	7.6	11.4
130	21.2	17.6	26.4



#20
3+4-Methylphenols
Concen: 20.001 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:	107	Resp:	169097
Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.9	107.9
77	39.4	52.9	92.9#
79	26.6	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 513764

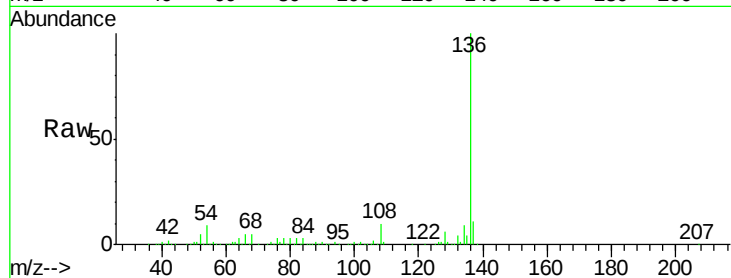
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.4 9.1 13.7

68 5.5 4.6 6.8

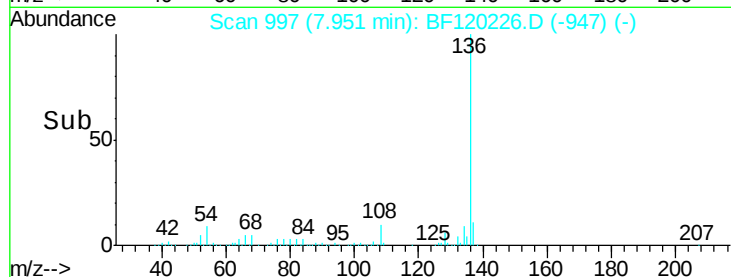


Abundance Ion 136.00 (135.70 to 136.70): E

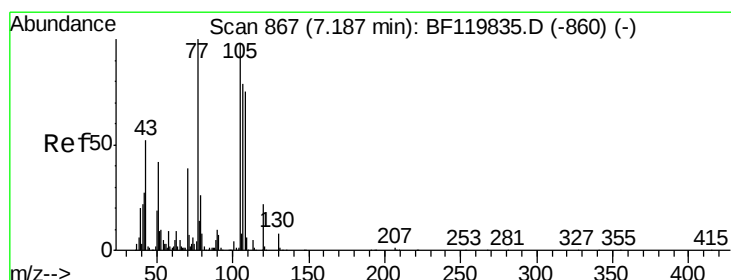
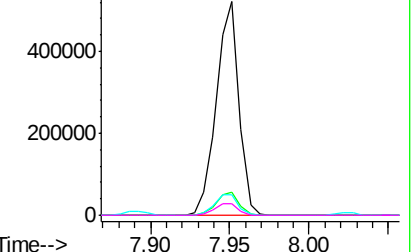
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 53.386 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Tgt Ion:105 Resp: 642272

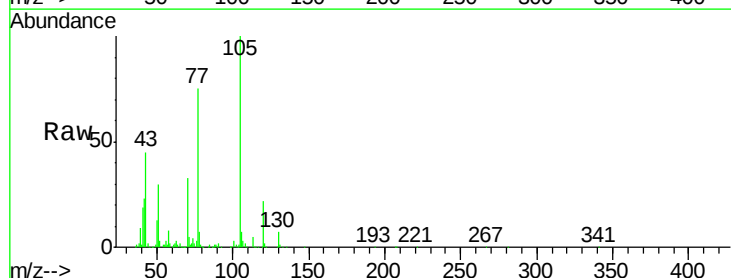
Ion Ratio Lower Upper

105 100

71 5.4 5.7 8.5#

51 30.0 26.2 39.4

120 22.2 18.3 27.5

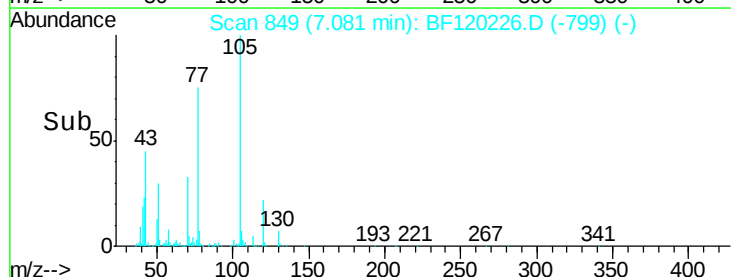


Abundance Ion 105.00 (104.70 to 105.70): E

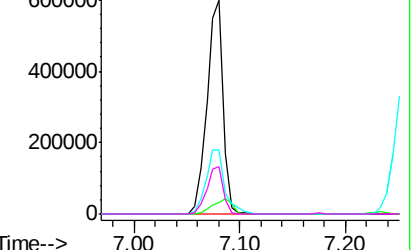
Ion 71.00 (70.70 to 71.70): BF1

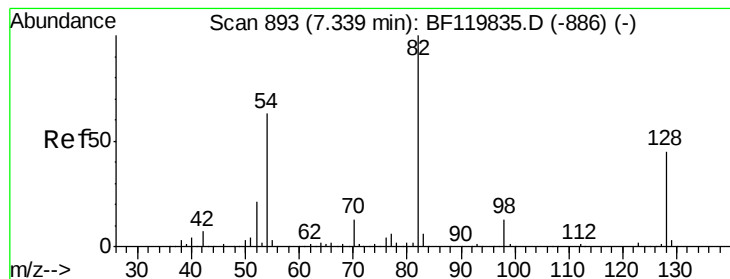
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 93.302 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

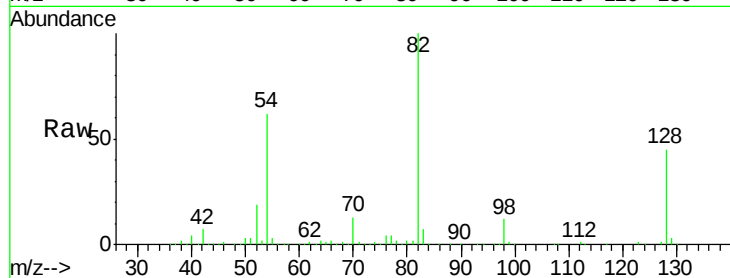
Tot Ion: 82 Resp: 926575

Ion Ratio Lower Upper

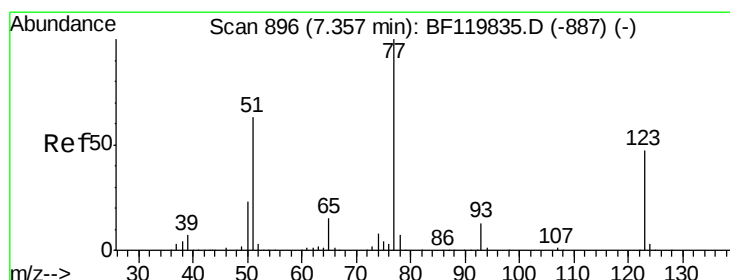
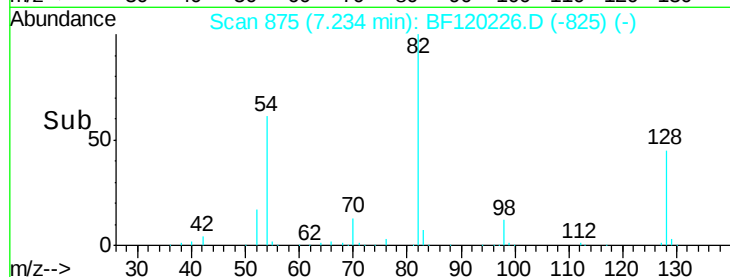
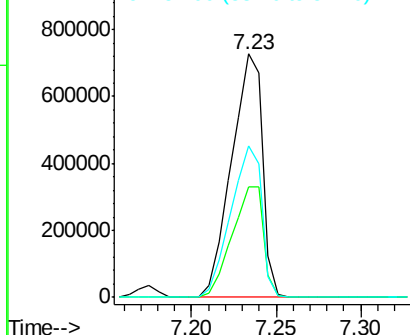
82 100

128 45.4 36.3 54.5

54 62.2 50.6 75.8



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



#24

Nitrobenzene

Concen: 48.758 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

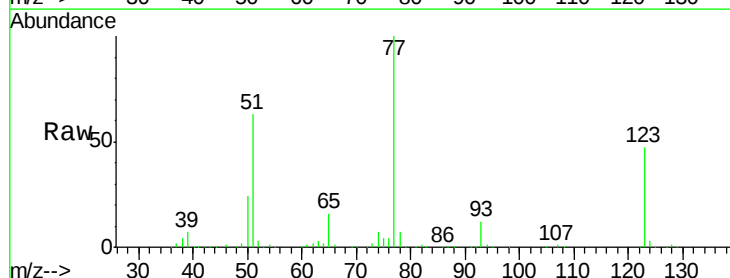
Tgt Ion: 77 Resp: 487103

Ion Ratio Lower Upper

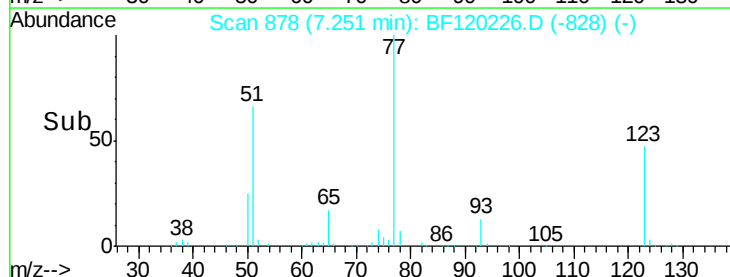
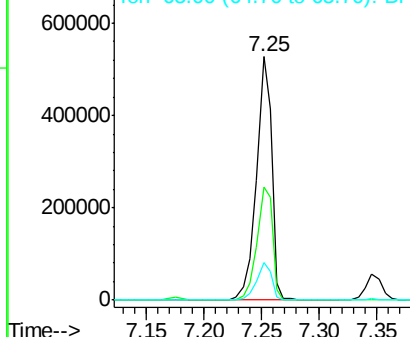
77 100

123 46.5 38.0 57.0

65 15.5 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

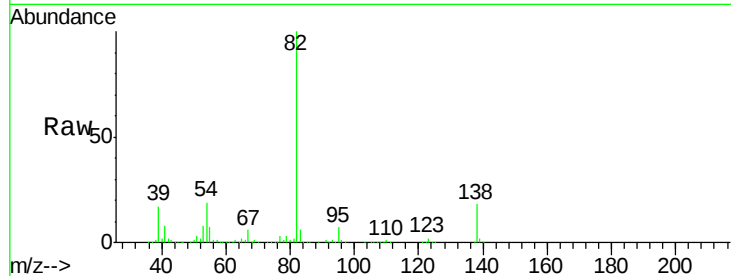




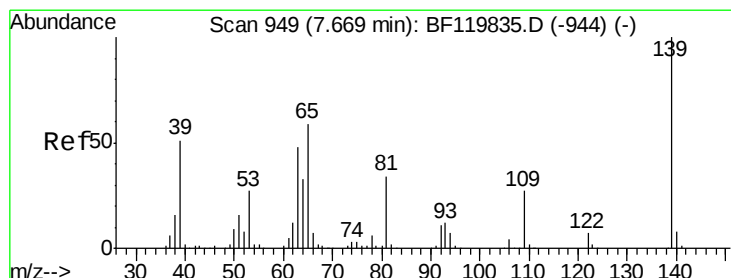
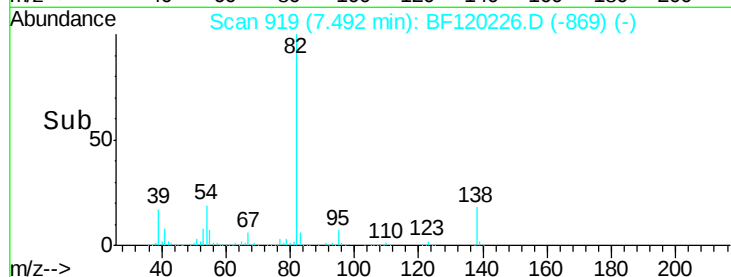
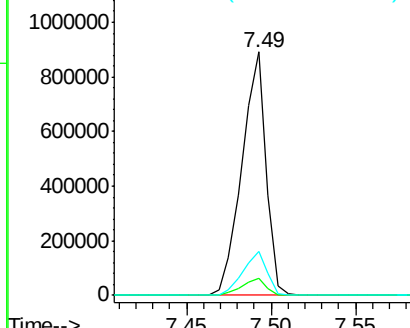
#25
Isophorone
Concen: 46.666 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 893380
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.0 14.6 21.8

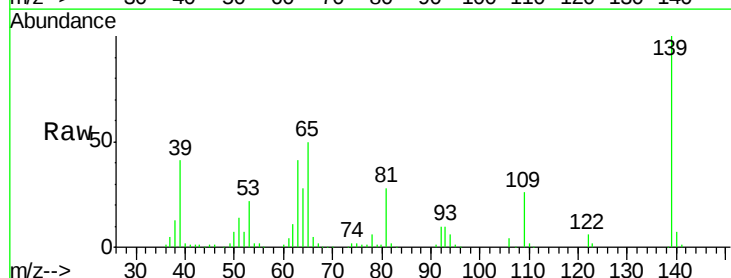


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

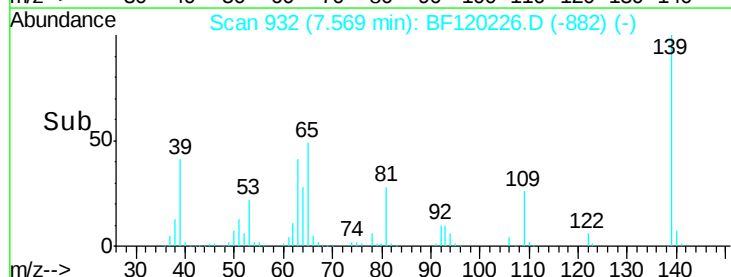
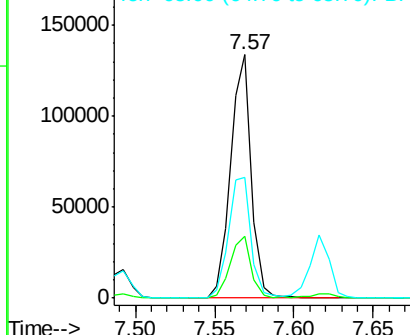


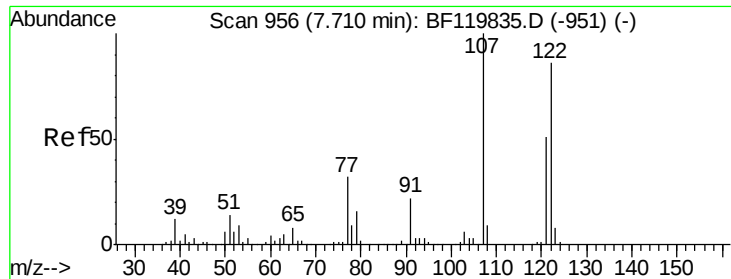
#26
2-Nitrophenol
Concen: 24.219 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion: 139 Resp: 120879
Ion Ratio Lower Upper
139 100
109 25.5 22.1 33.1
65 49.7 49.2 73.8



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





#27

2,4-Dimethylphenol

Concen: 36.829 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

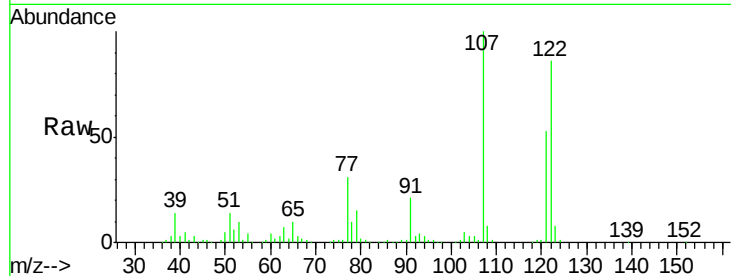
Tot Ion:122 Resp: 277232

Ion Ratio Lower Upper

122 100

107 115.8 89.0 133.6

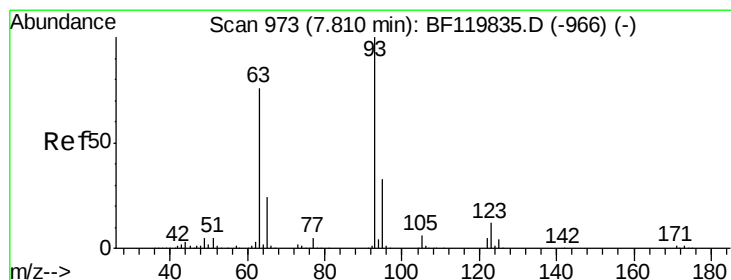
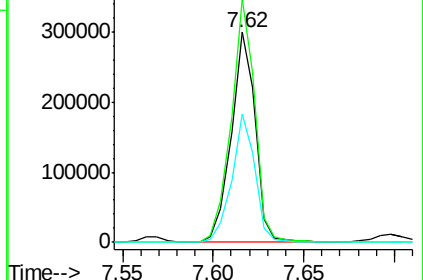
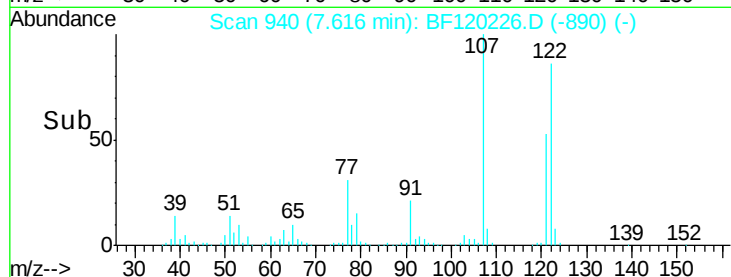
121 61.3 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.247 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

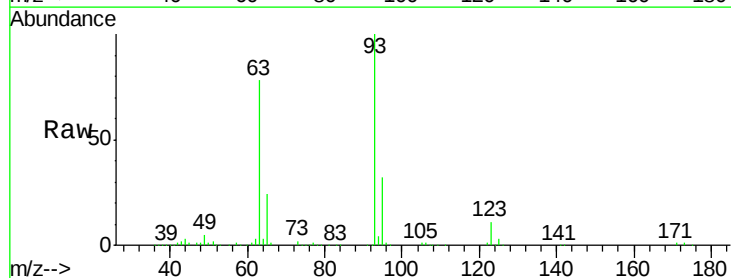
Tgt Ion: 93 Resp: 566034

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

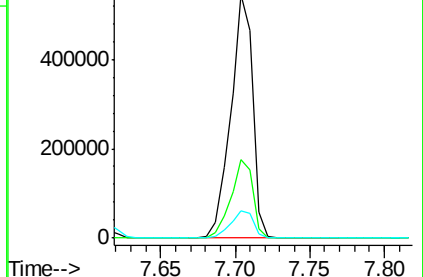
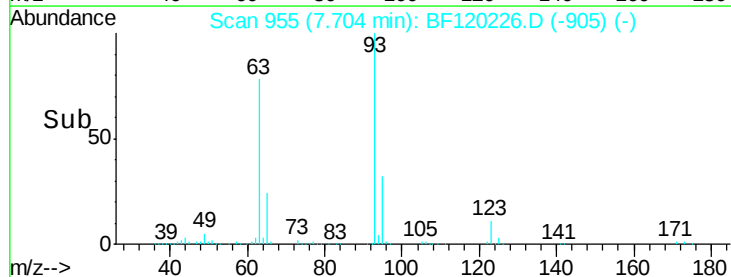
123 11.0 9.7 14.5

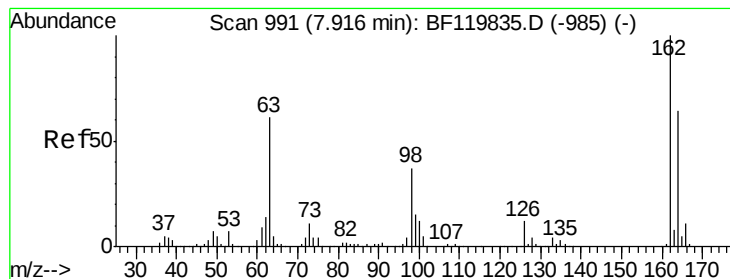


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 22.612 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

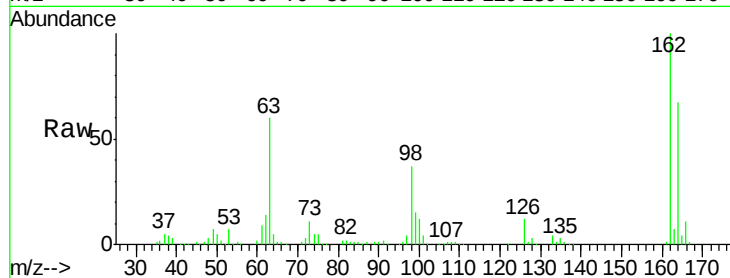
Tot Ion:162 Resp: 174468

Ion Ratio Lower Upper

162 100

164 67.5 44.7 84.7

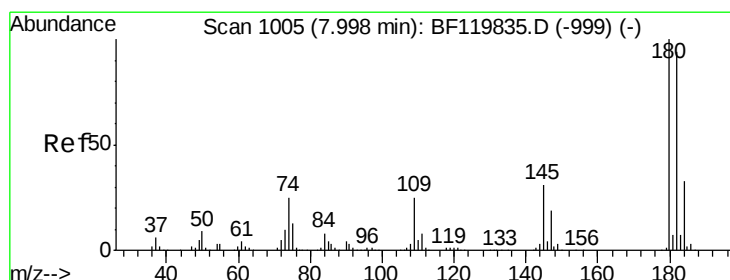
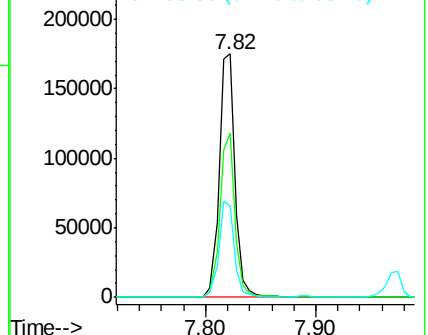
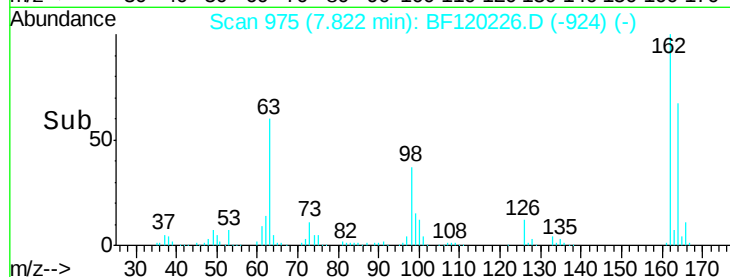
98 37.4 20.7 60.7



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: 45.294 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

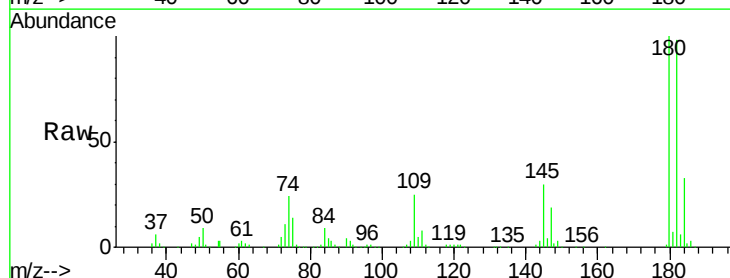
Tgt Ion:180 Resp: 395994

Ion Ratio Lower Upper

180 100

182 97.9 74.7 112.1

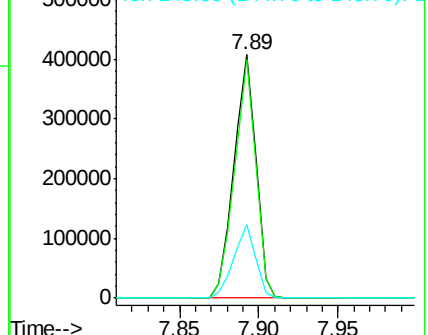
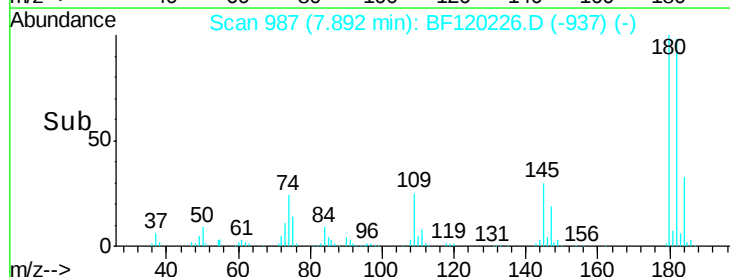
145 30.2 24.5 36.7

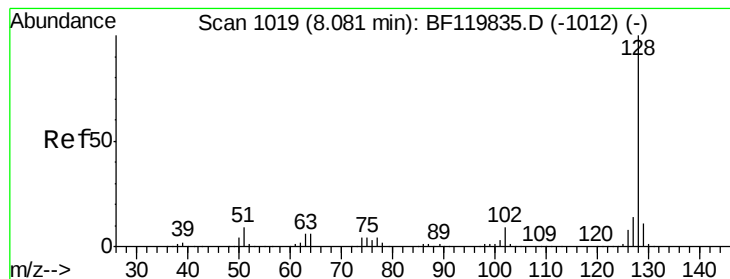


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.745 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

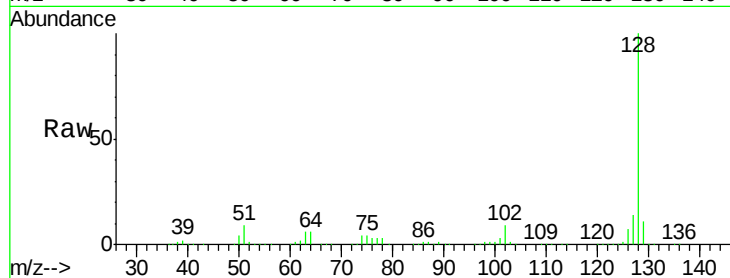
Tot Ion:128 Resp: 1290577

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

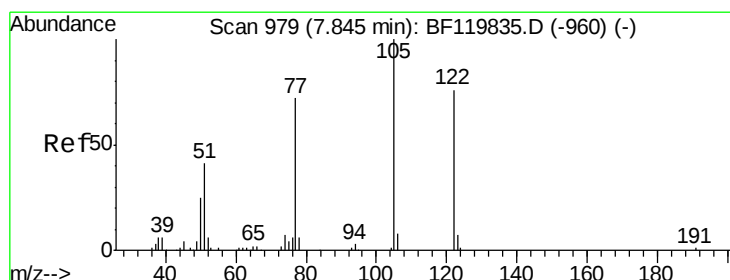
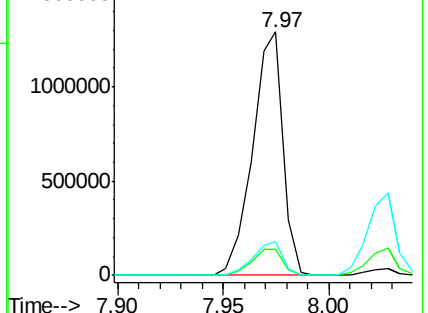
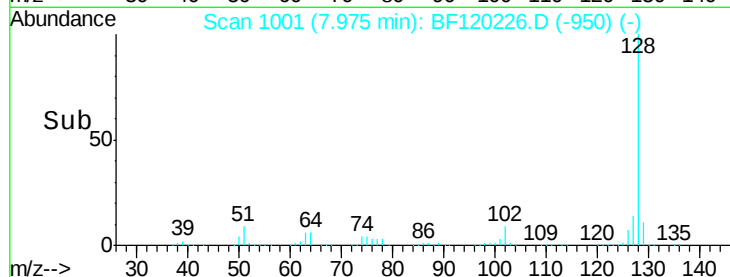
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.071 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.07 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

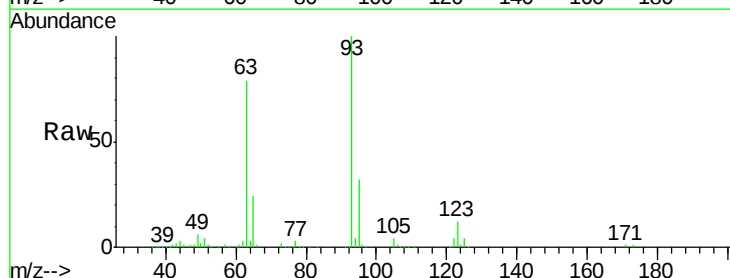
Tgt Ion:122 Resp: 13694

Ion Ratio Lower Upper

122 100

105 110.1 104.9 144.9

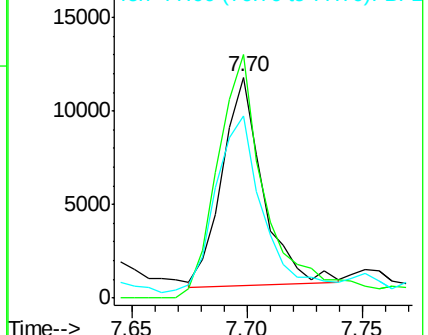
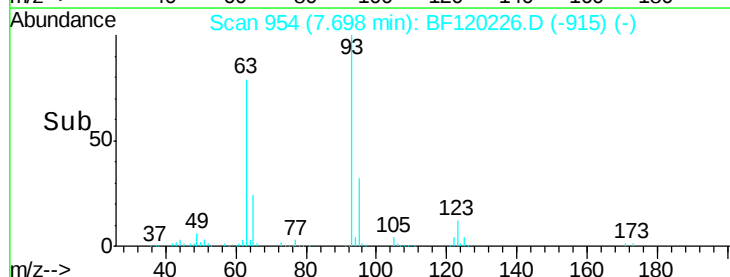
77 82.5 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

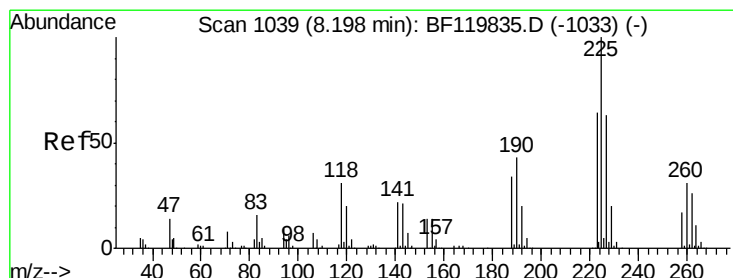
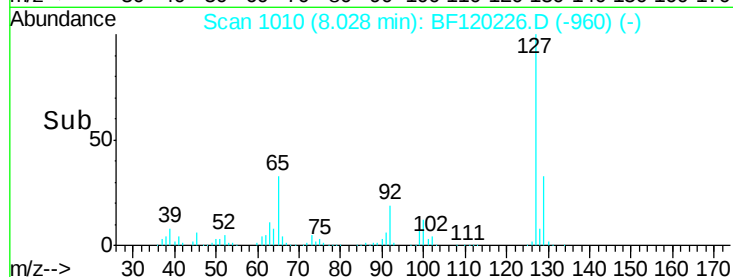
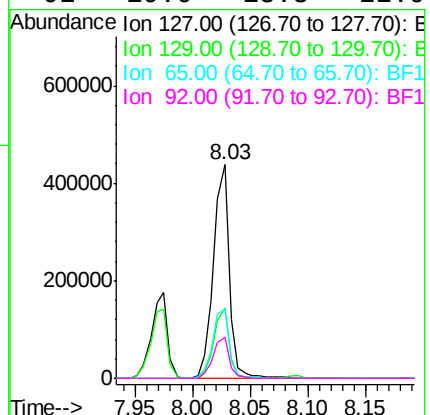
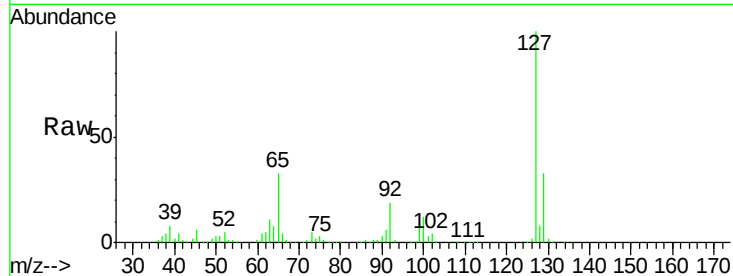




#33
4-Chloroaniline
Concen: 35.508 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

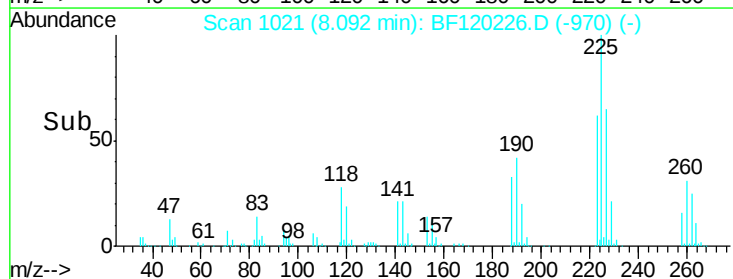
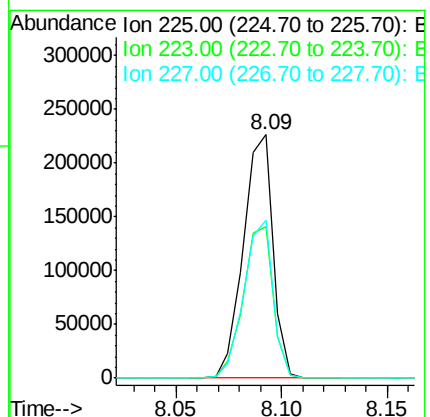
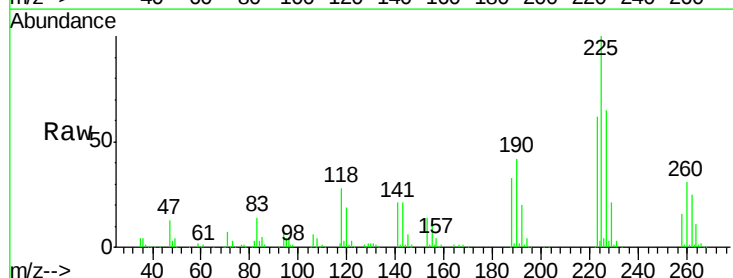
Instrument :
BNA_F
ClientSampleId :

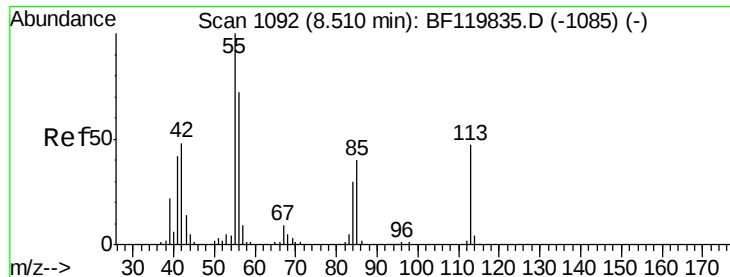
Tot Ion:	127	Resp:	417843
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	32.6	27.4	41.0
92	19.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.225 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:	225	Resp:	220983
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	65.0	50.7	76.1





#35

Caprolactam

Concen: 6.587 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

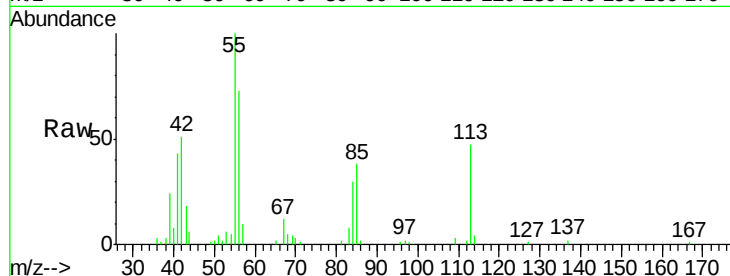
Tot Ion:113 Resp: 15547

Ion Ratio Lower Upper

113 100

55 211.4 218.4 258.4#

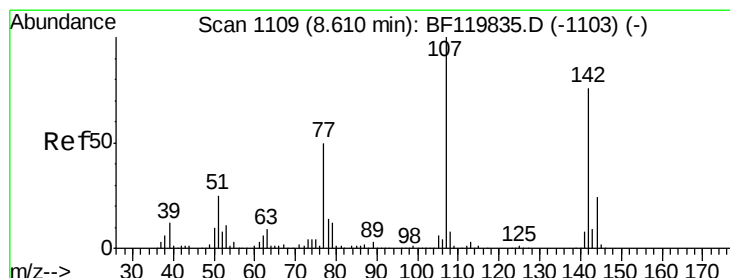
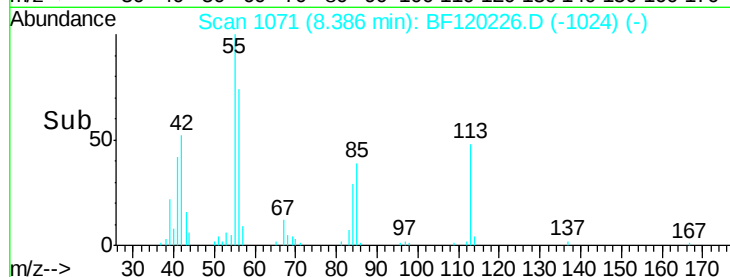
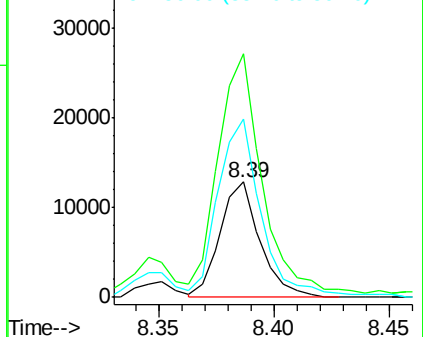
56 155.3 148.9 188.9



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: 25.169 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

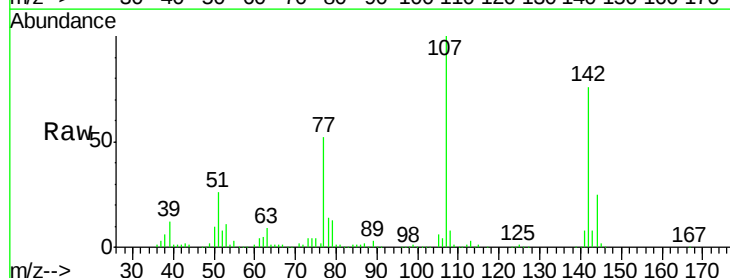
Tgt Ion:107 Resp: 210255

Ion Ratio Lower Upper

107 100

144 25.1 21.0 31.6

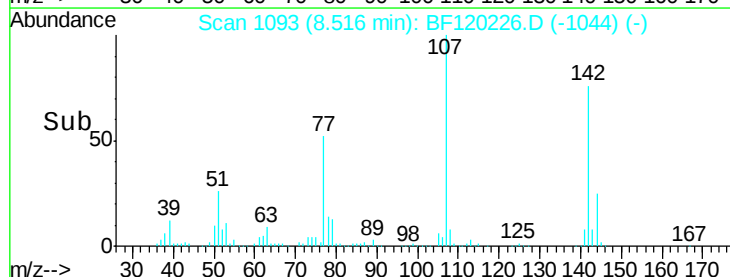
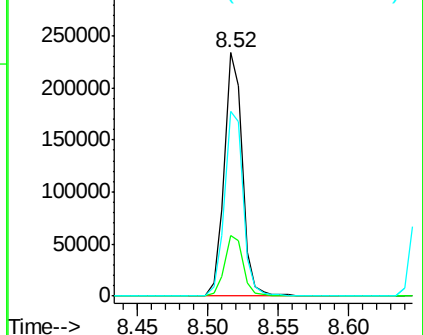
142 76.1 64.4 96.6

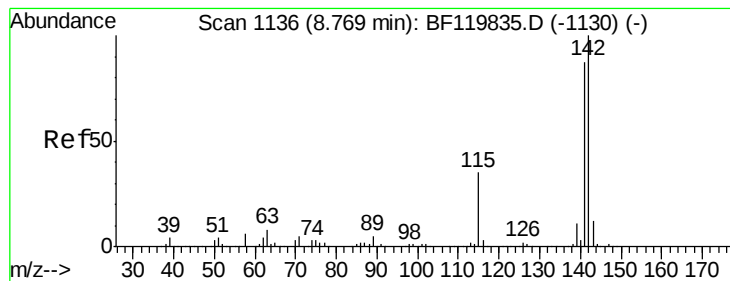


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.535 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

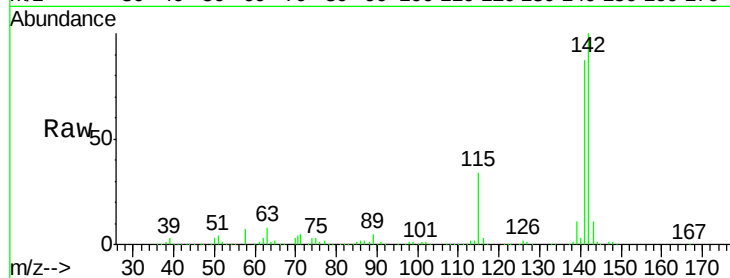
Tot Ion:142 Resp: 889440

Ion Ratio Lower Upper

142 100

141 86.8 71.7 107.5

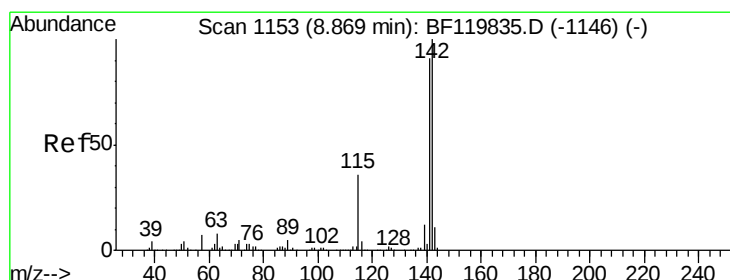
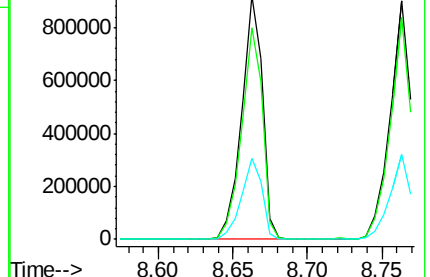
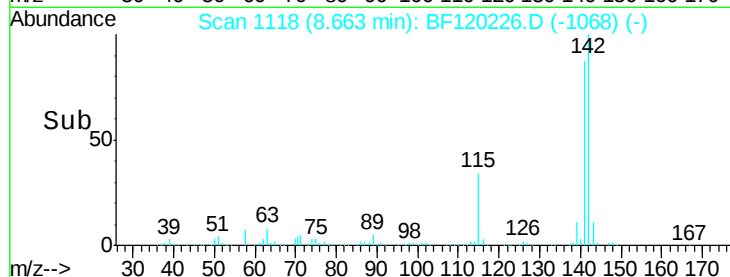
115 33.5 27.9 41.9



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: 48.456 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

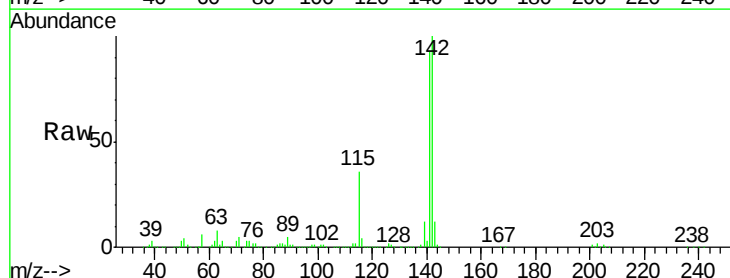
Tgt Ion:142 Resp: 836984

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

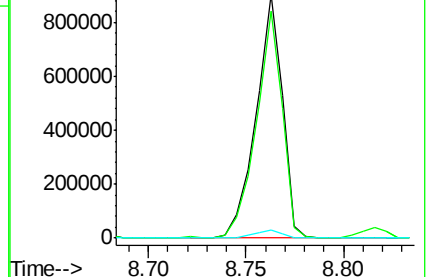
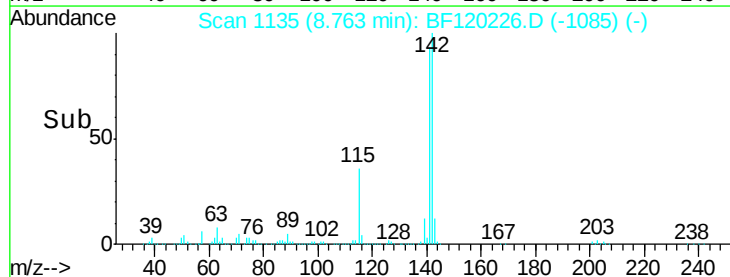
116 3.5 3.0 4.6

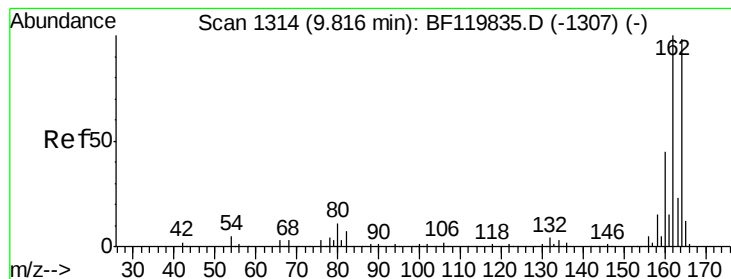


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

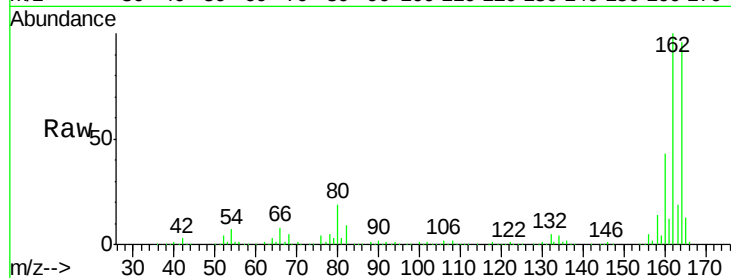
Tot Ion:164 Resp: 258293

Ion Ratio Lower Upper

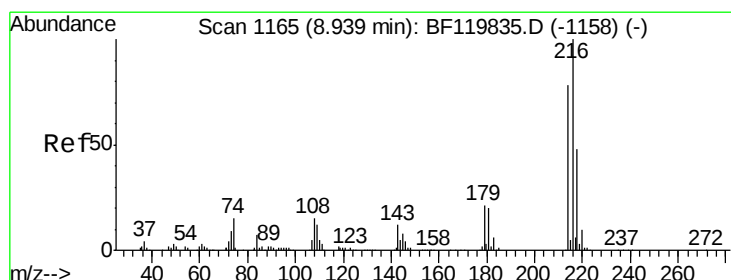
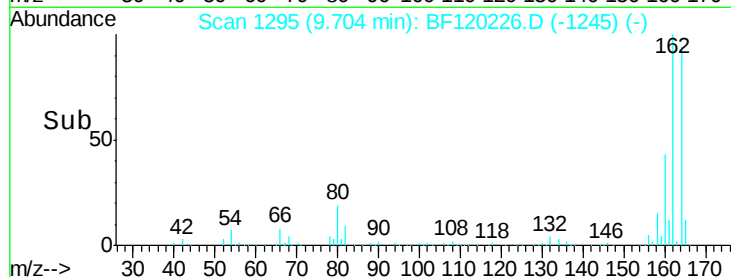
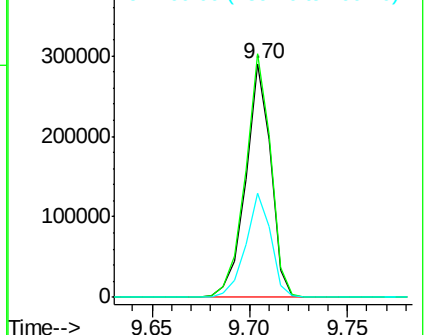
164 100

162 104.3 80.6 121.0

160 44.6 35.7 53.5



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: 47.460 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Tgt Ion:216 Resp: 387179

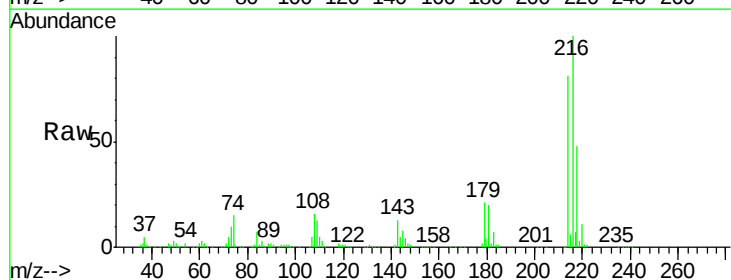
Ion Ratio Lower Upper

216 100

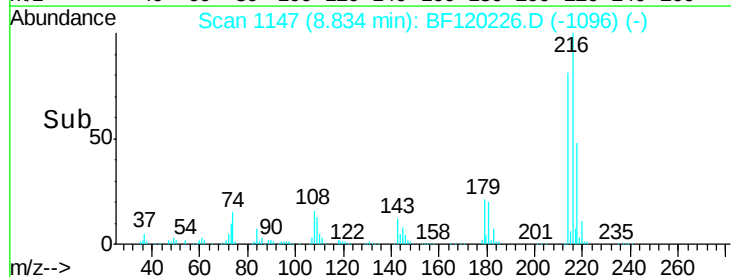
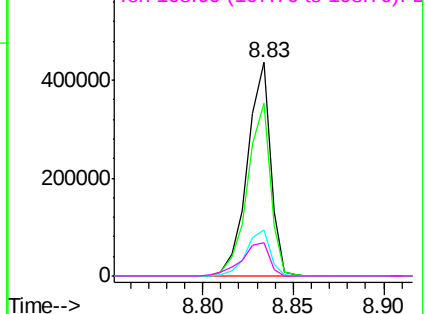
214 80.9 63.2 94.8

179 21.9 17.1 25.7

108 18.9 15.1 22.7



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: 60.016 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

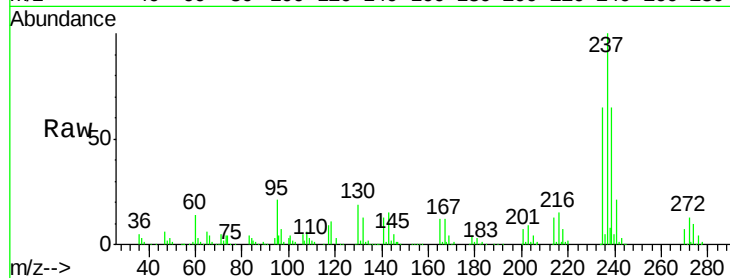
Tot Ion:237 Resp: 278412

Ion Ratio Lower Upper

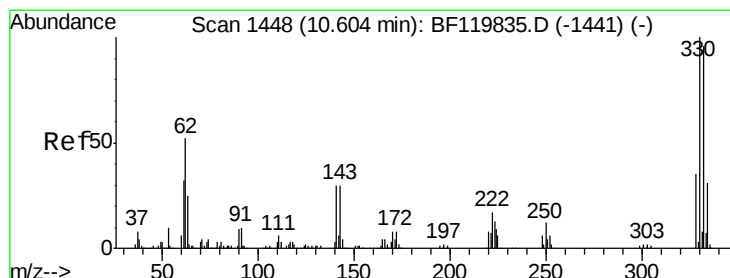
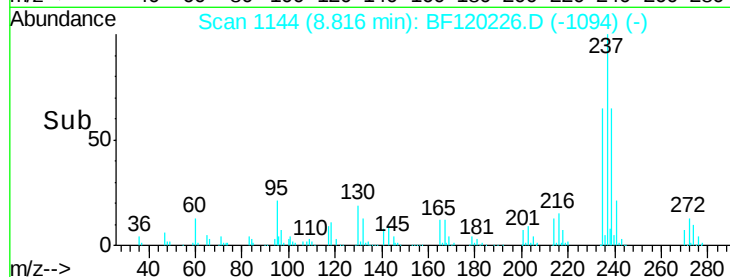
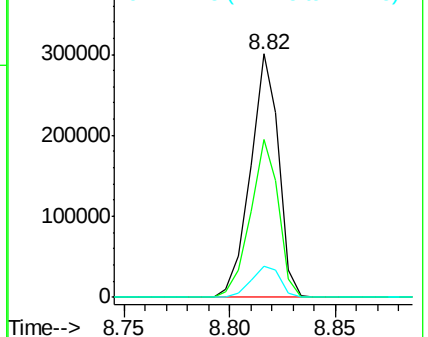
237 100

235 64.9 43.2 83.2

272 13.0 0.0 34.1



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: 65.440 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

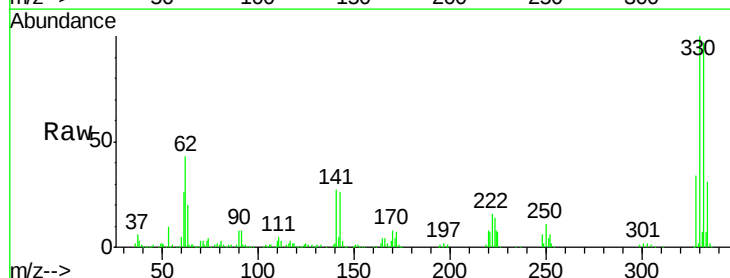
Tgt Ion:330 Resp: 206945

Ion Ratio Lower Upper

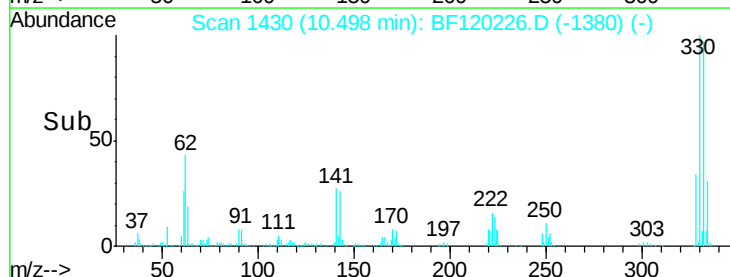
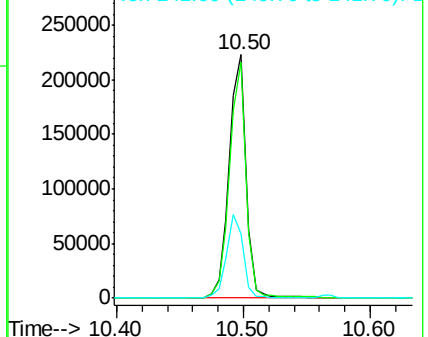
330 100

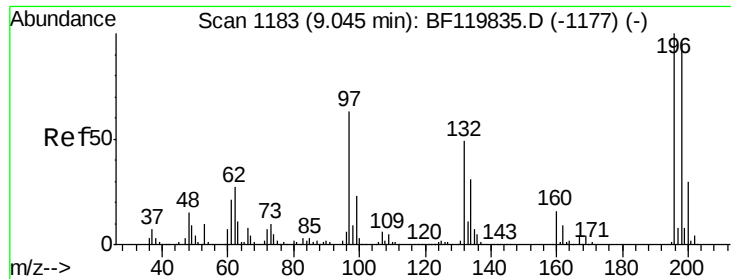
332 94.7 75.7 113.5

141 33.5 25.4 38.0



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

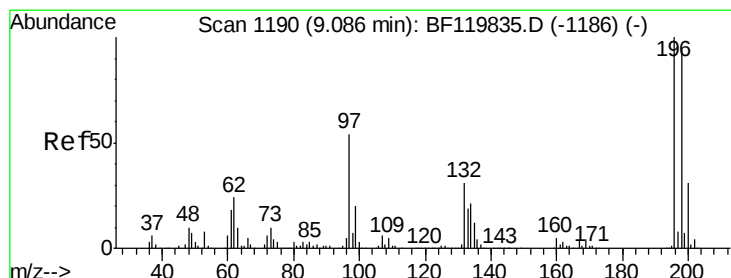
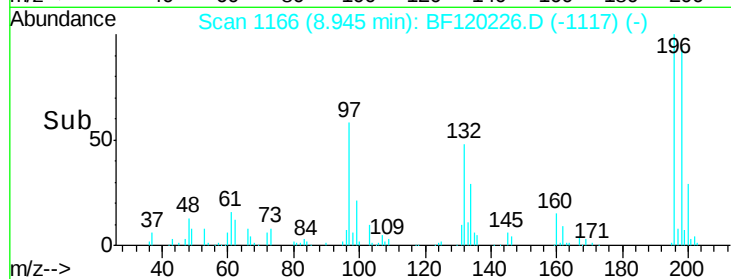
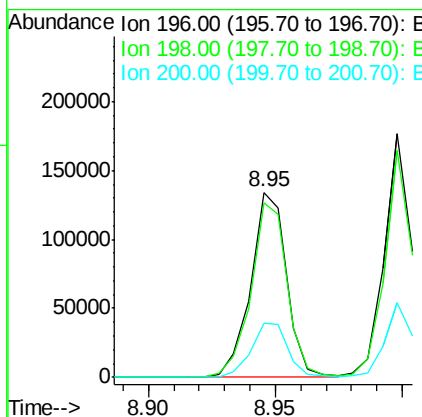
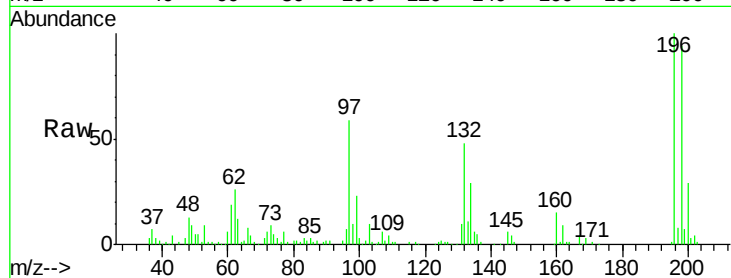




#43
 2,4,6-Trichlorophenol
 Concen: 23.586 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

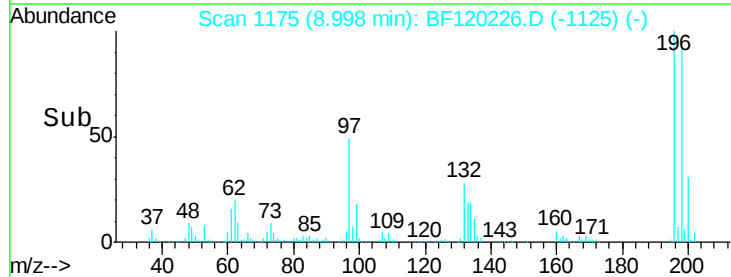
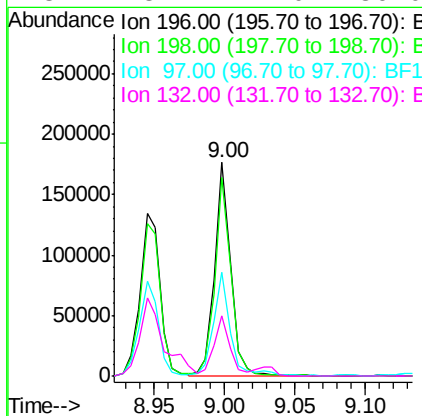
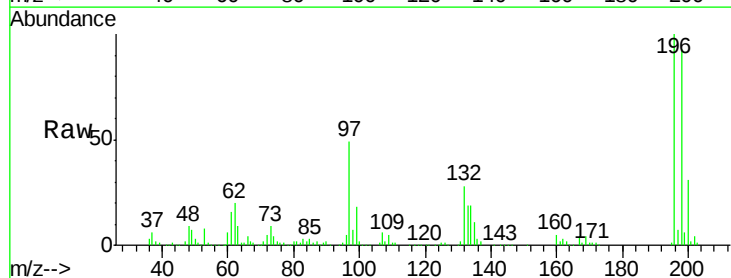
Instrument :
 BNA_F
 ClientSampled :

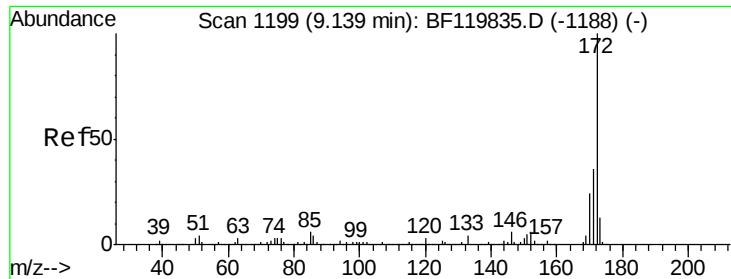
Tot Ion:196 Resp: 132869
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.6 115.0
 200 29.4 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 22.103 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion:196 Resp: 140243
 Ion Ratio Lower Upper
 196 100
 198 93.1 73.8 110.8
 97 48.6 42.6 63.8
 132 28.1 24.0 36.0



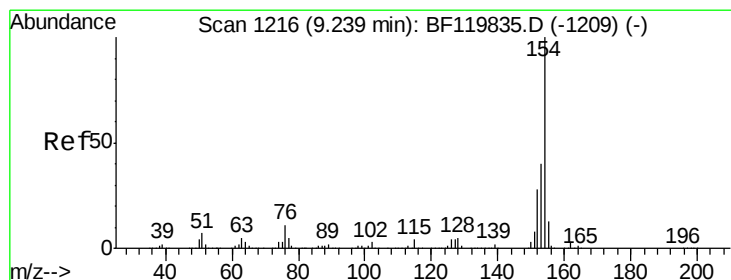
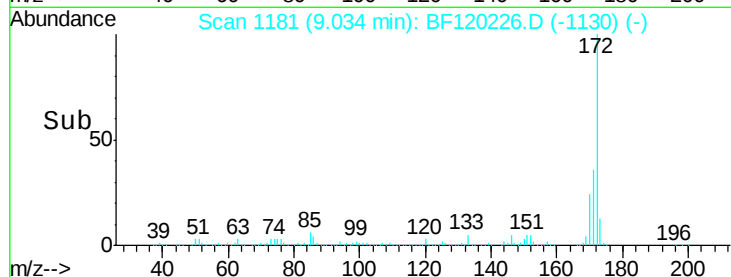
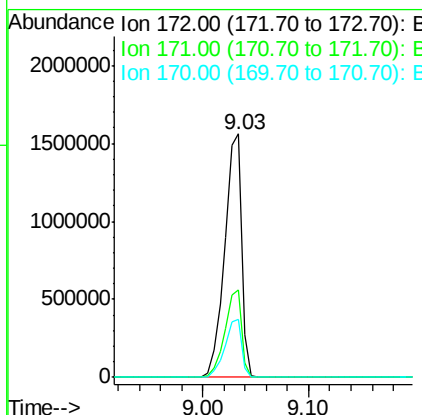
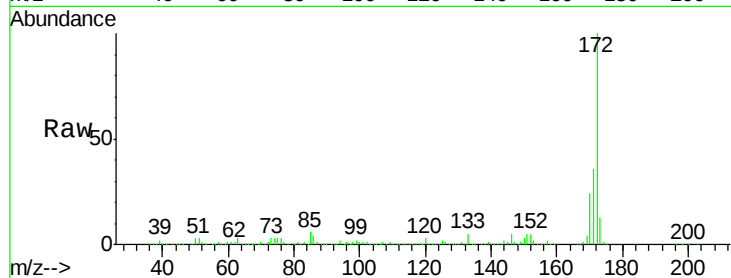


#45
 2-Fluorobiphenyl
 Concen: 95.521 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1737754

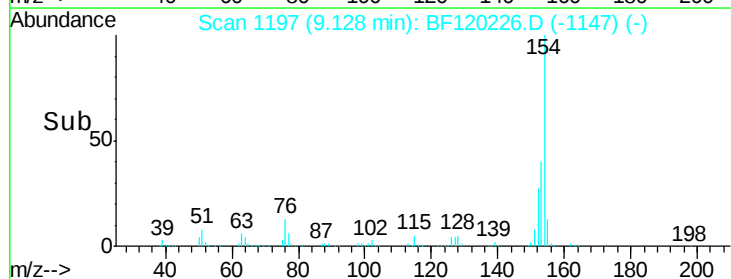
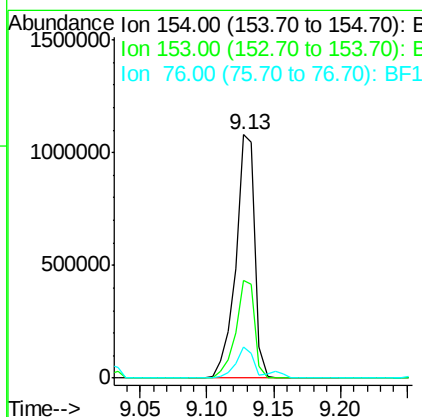
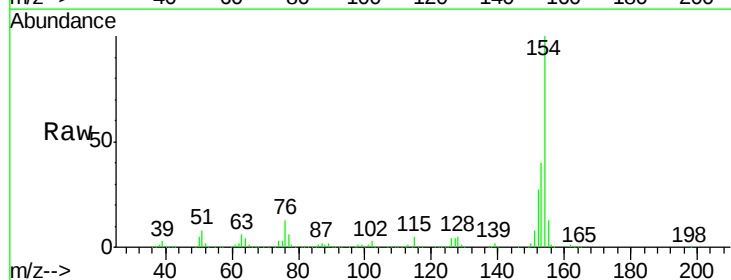
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	20.2	30.2

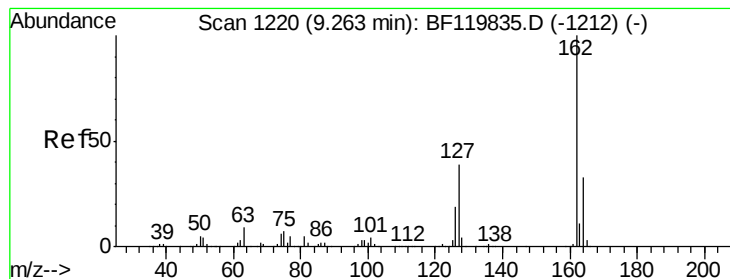


#46
 1,1'-Biphenyl
 Concen: 49.293 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion:154 Resp: 1074646

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.4	61.4
76	12.9	0.0	33.0





#47

2-Chloronaphthalene

Concen: 49.091 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

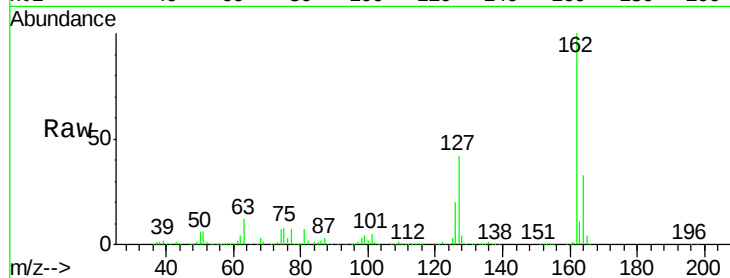
Tot Ion:162 Resp: 824471

Ion Ratio Lower Upper

162 100

127 41.7 33.7 50.5

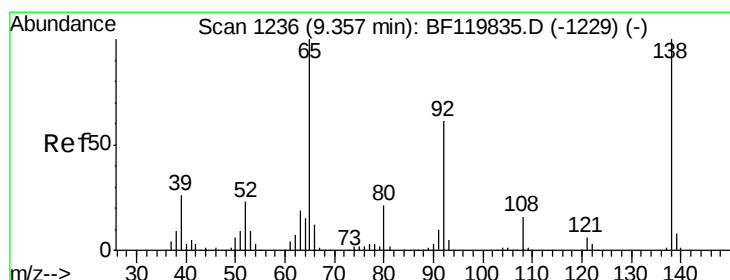
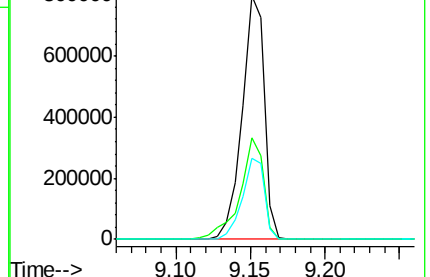
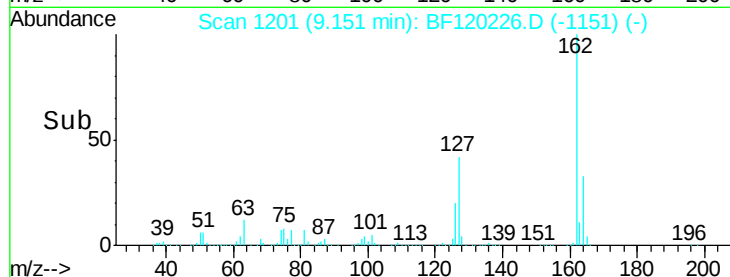
164 33.3 26.3 39.5



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: 49.275 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

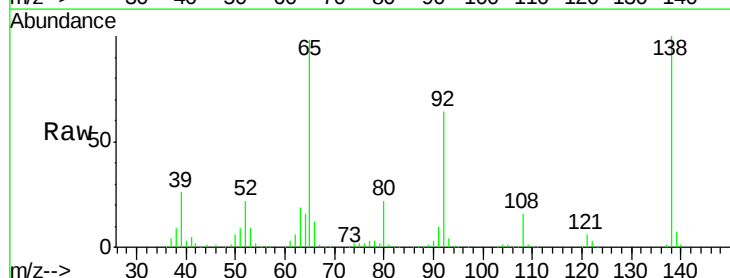
Tgt Ion: 65 Resp: 299898

Ion Ratio Lower Upper

65 100

92 64.9 50.0 75.0

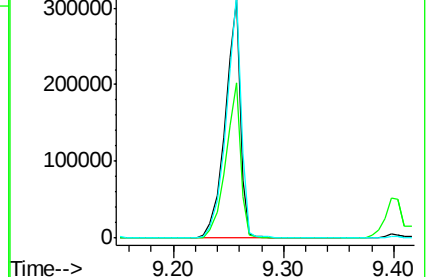
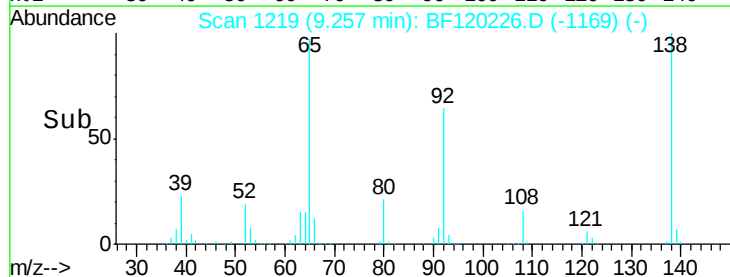
138 101.8 75.0 112.4

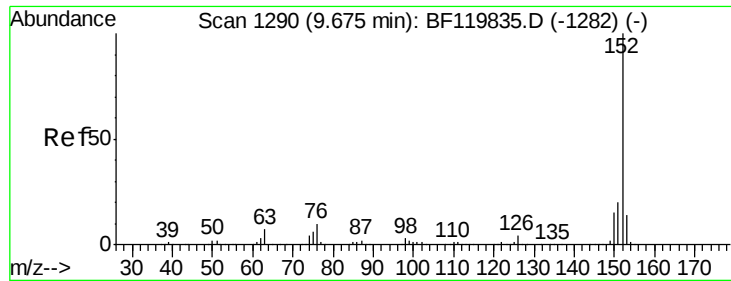


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.375 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

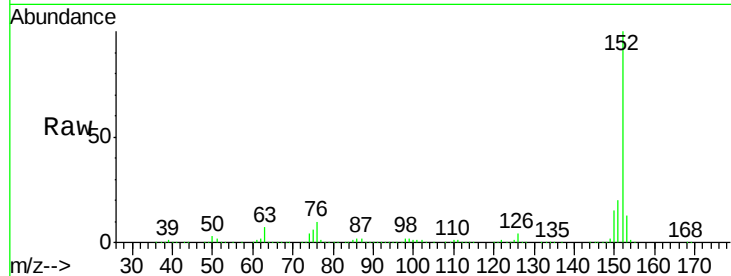
Tot Ion:152 Resp: 1286643

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

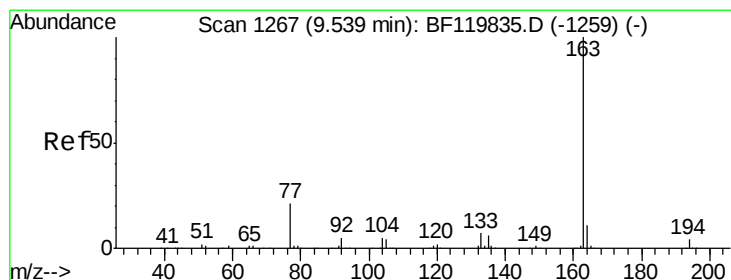
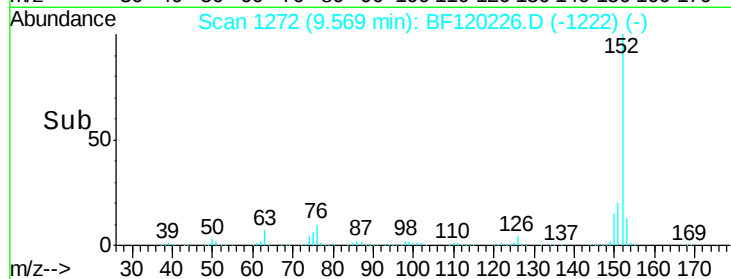
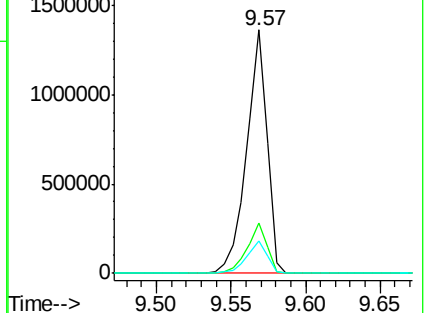
153 13.2 11.2 16.8



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: 58.557 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

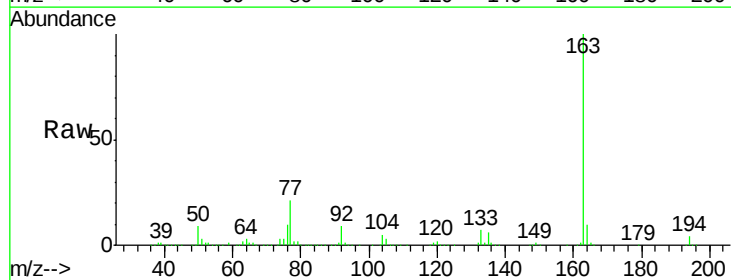
Tgt Ion:163 Resp: 1169883

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

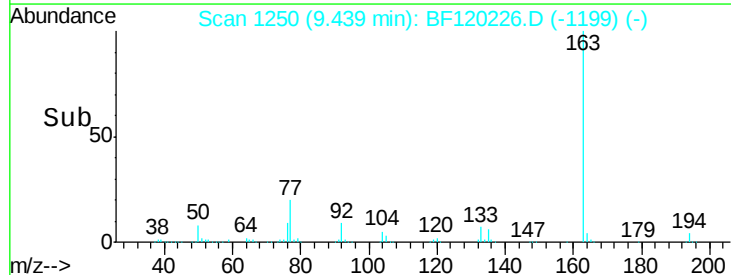
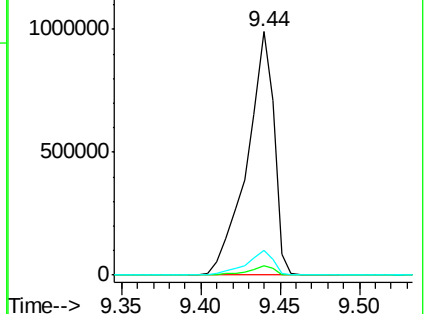
164 10.0 8.2 12.2

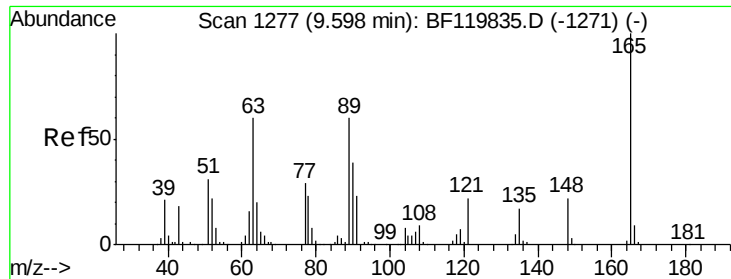


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

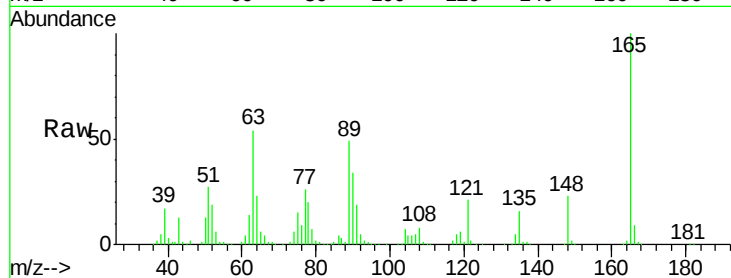




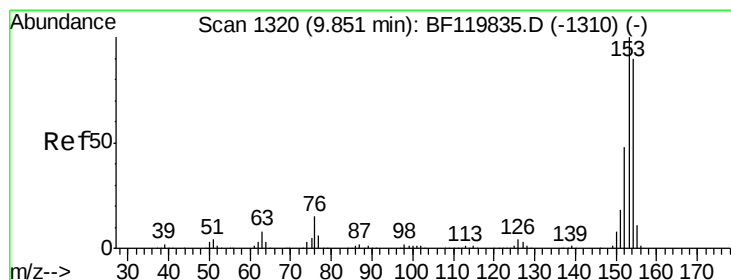
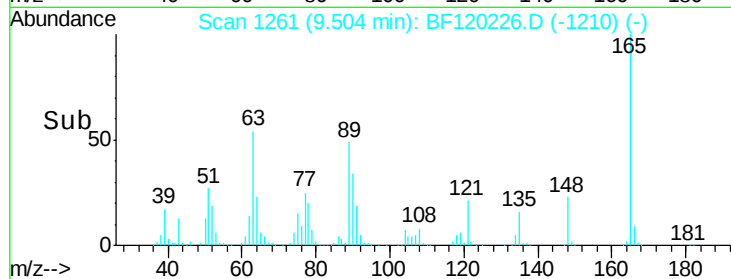
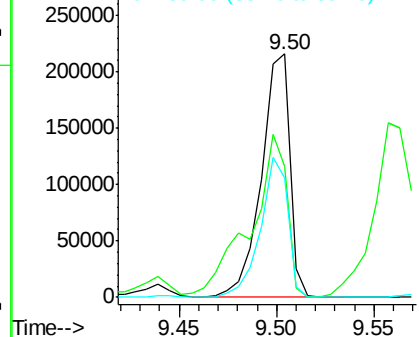
#51
2,6-Dinitrotoluene
Concen: 50.033 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.1	45.0	67.4
89	49.2	41.5	62.3

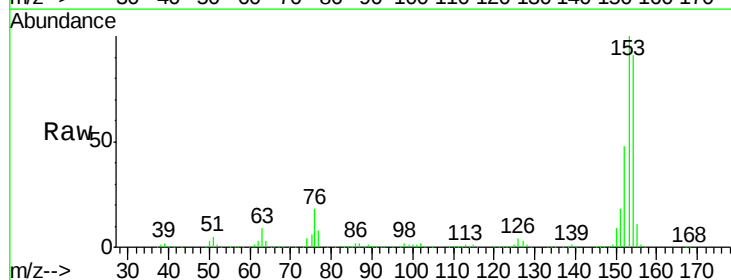


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

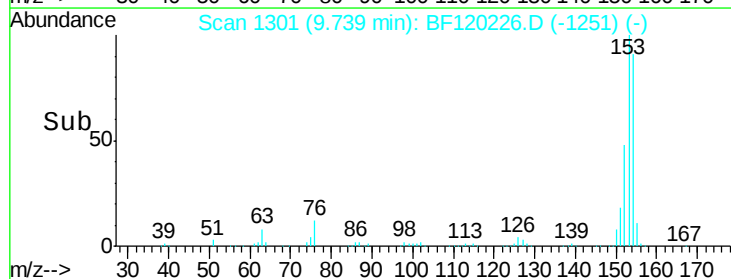
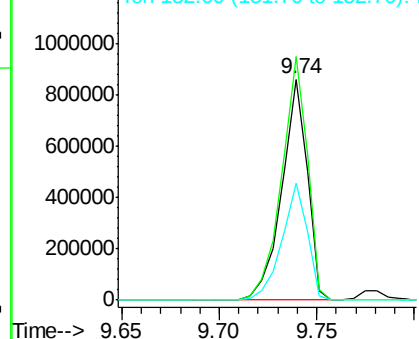


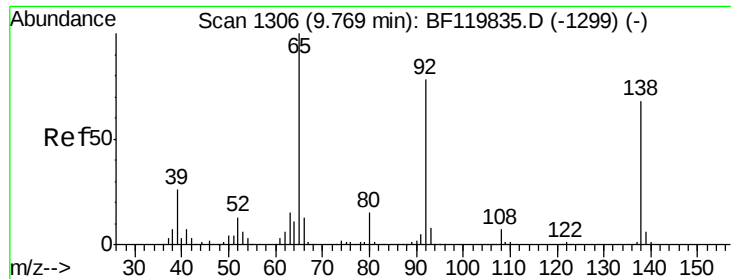
#52
Acenaphthene
Concen: 45.787 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.1	132.1
152	52.9	43.0	64.4



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

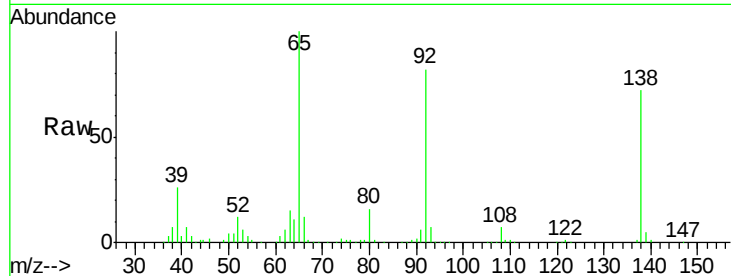




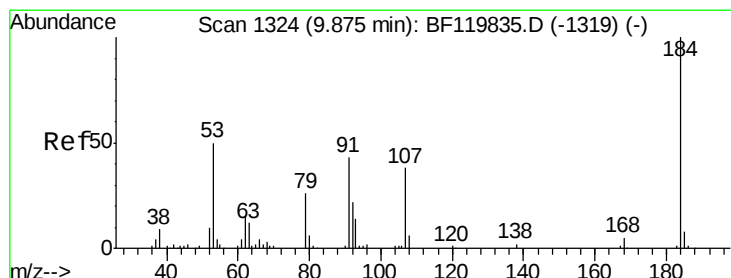
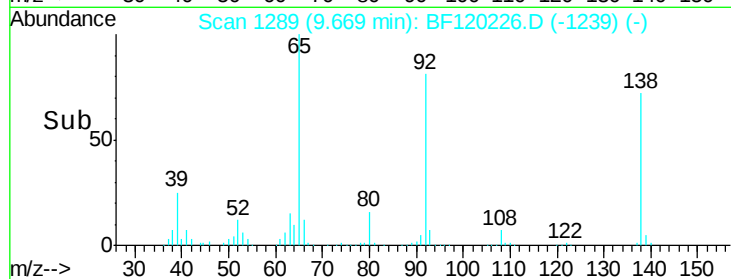
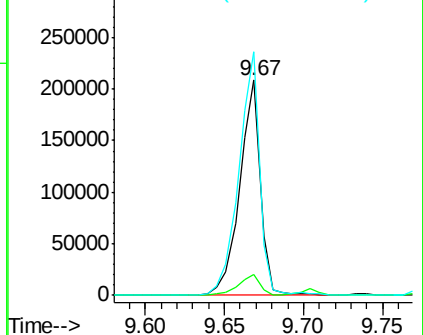
#53
3-Nitroaniline
Concen: 37.797 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 188859
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 113.1 95.4 143.0

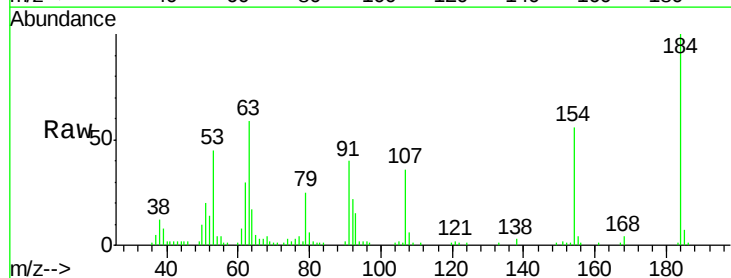


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

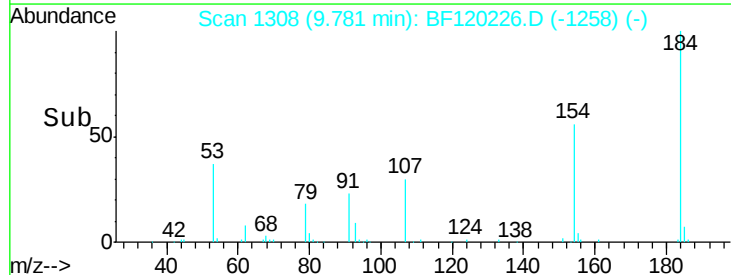
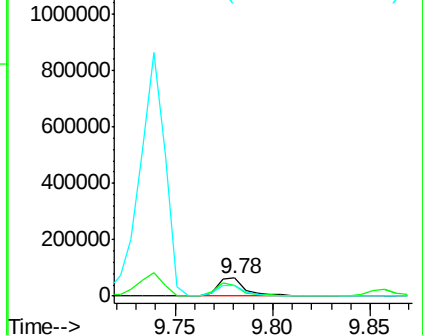


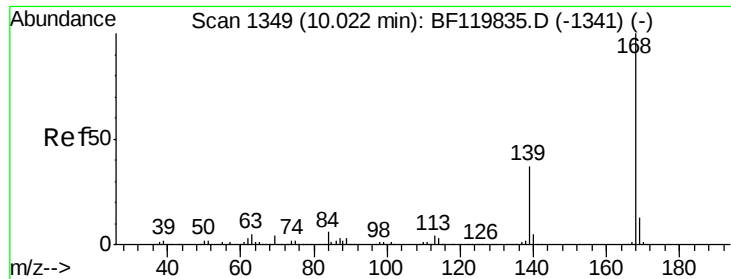
#54
2,4-Dinitrophenol
Concen: 25.498 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:184 Resp: 66788
Ion Ratio Lower Upper
184 100
63 58.9 50.2 75.4
154 55.9 44.5 66.7



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

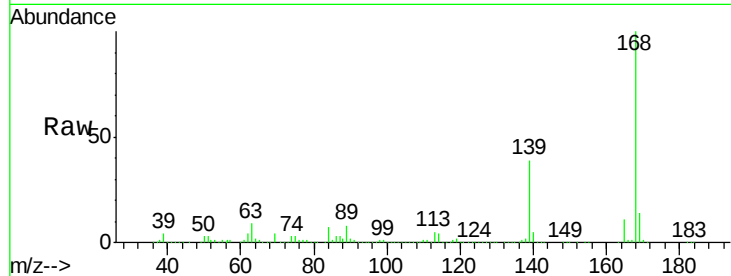




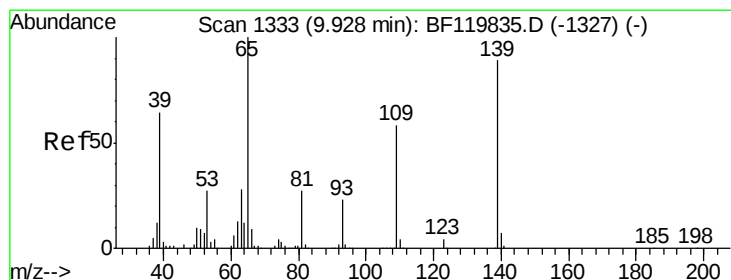
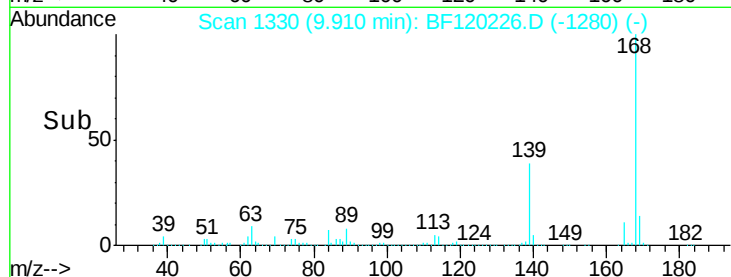
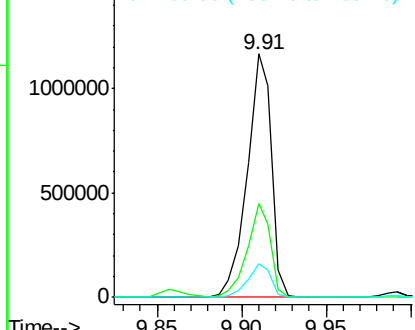
#55
Dibenzofuran
Concen: 49.950 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1167850
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.8 11.0 16.6

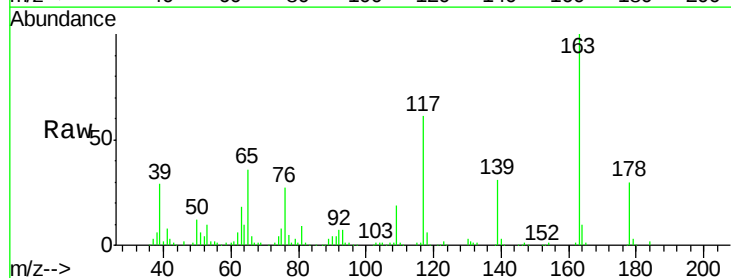


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

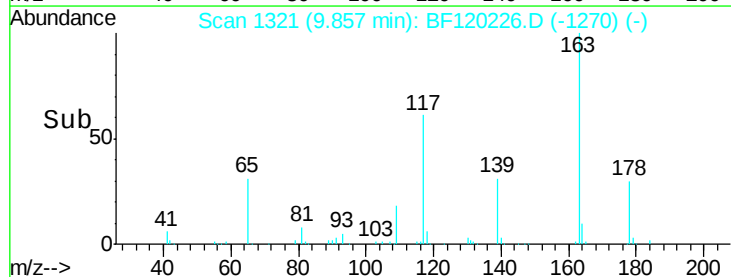
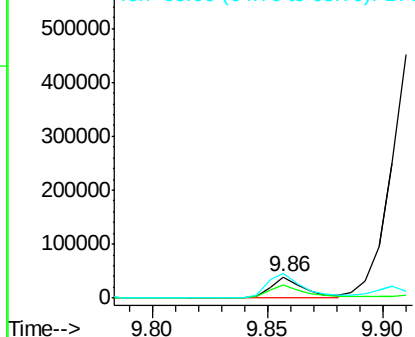


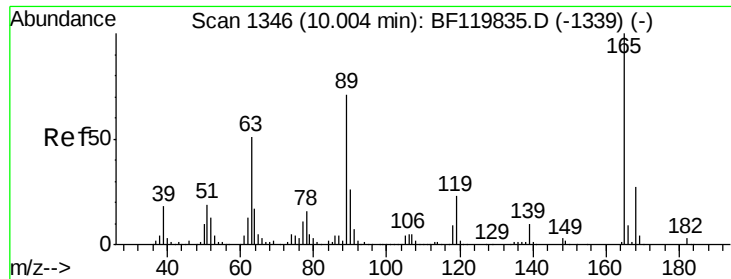
#56
4-Nitrophenol
Concen: 10.637 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:139 Resp: 39545
Ion Ratio Lower Upper
139 100
109 60.7 43.3 83.3
65 117.3 91.0 131.0



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

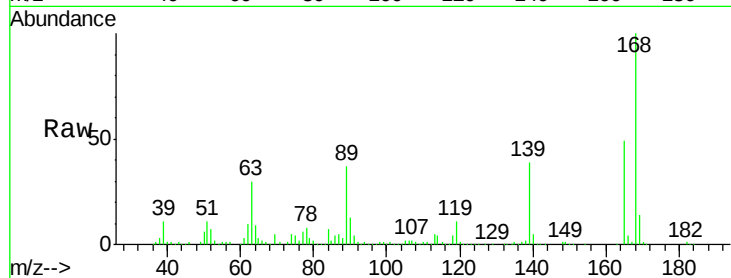




#57
2,4-Dinitrotoluene
Concen: 49.639 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.5	42.6	64.0
89	75.4	61.0	91.4
182	2.4	2.2	3.2

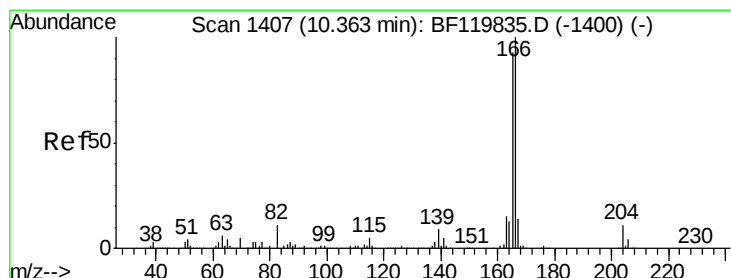
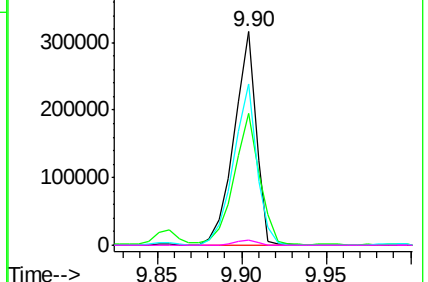
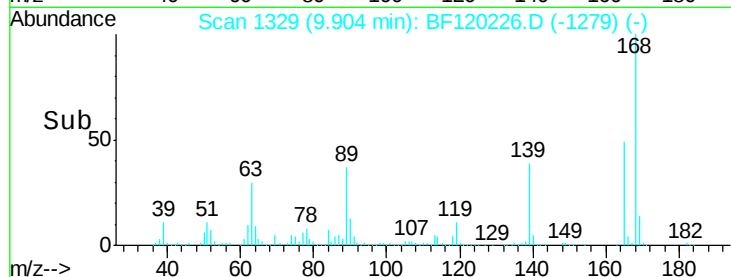


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

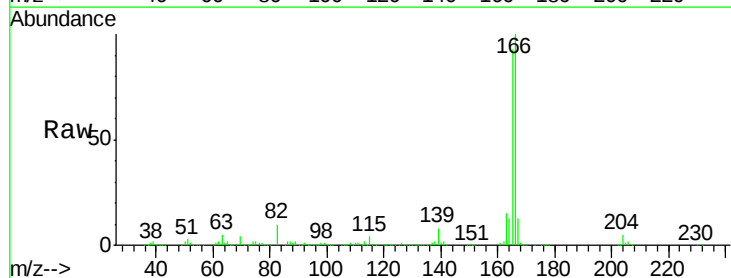
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.861 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

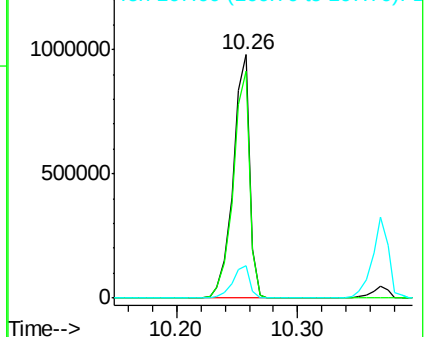
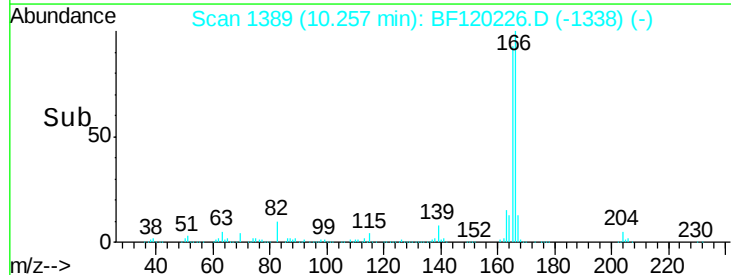
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	75.4	113.2
167	13.4	11.2	16.8



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

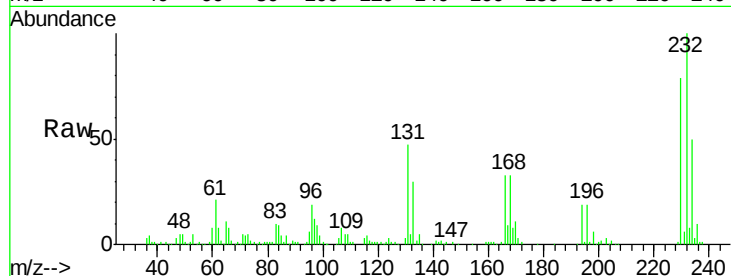




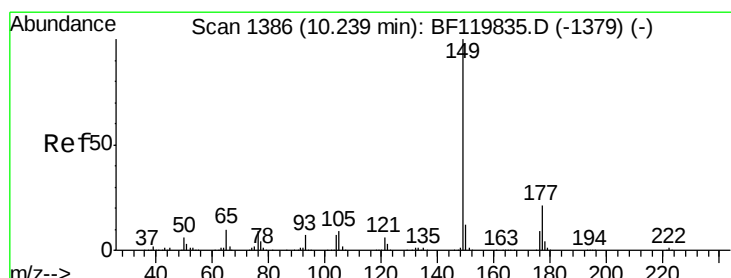
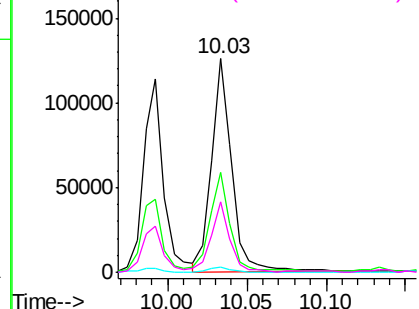
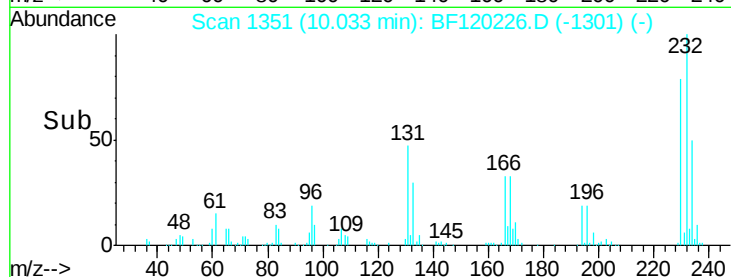
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 23.016 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.5	56.3
130	2.5	1.8	2.6
166	29.2	24.6	36.8

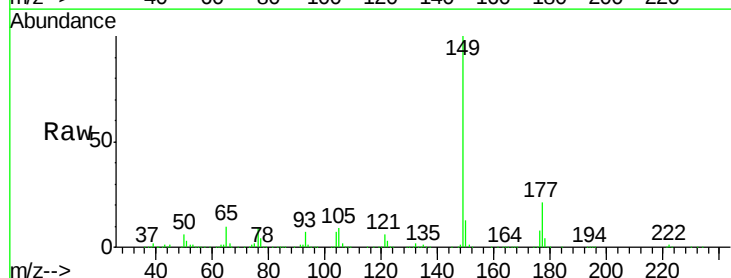


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

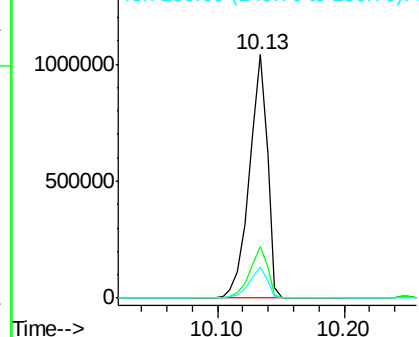
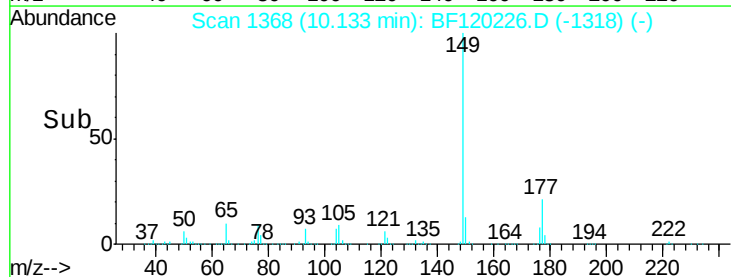


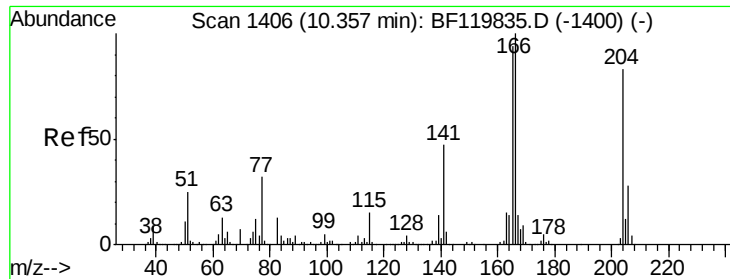
#60
 Diethylphthalate
 Concen: 49.153 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.0	25.6
150	12.6	10.1	15.1



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

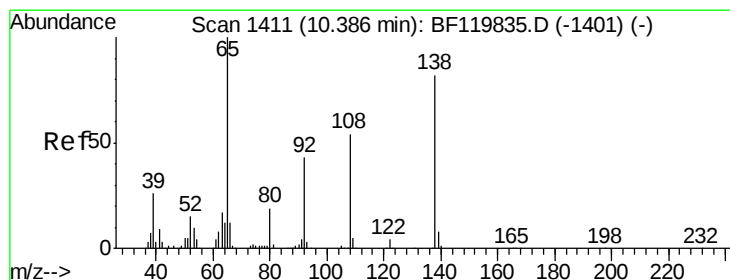
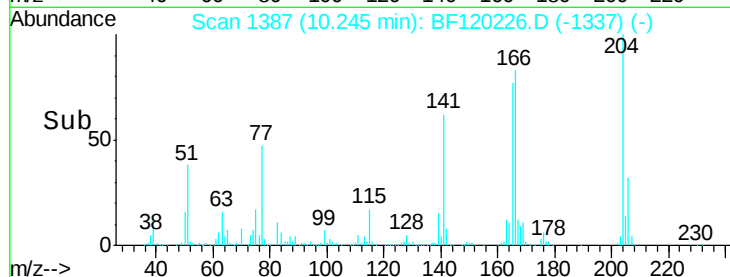
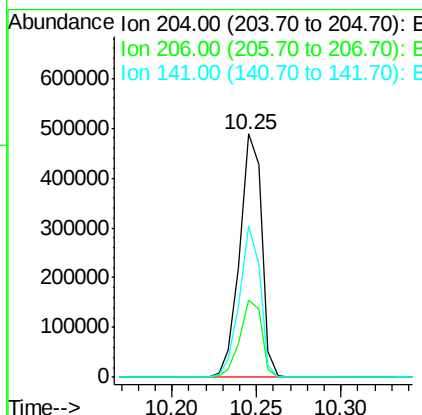
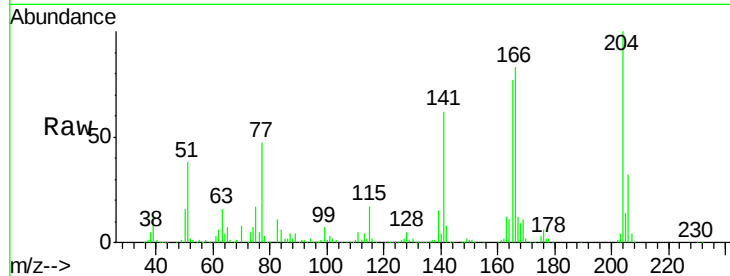




#61
4-Chlorophenyl-phenylether
Concen: 46.265 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

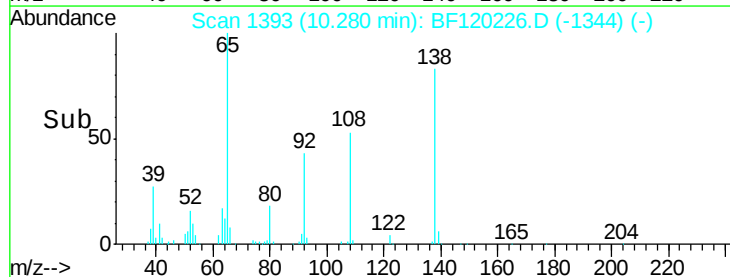
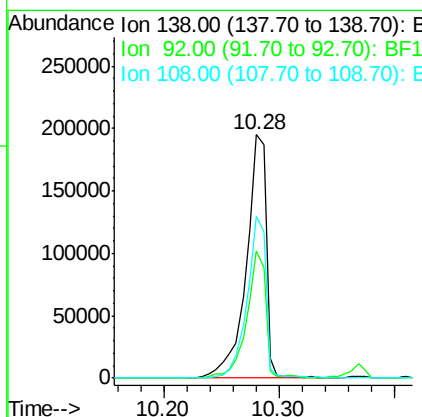
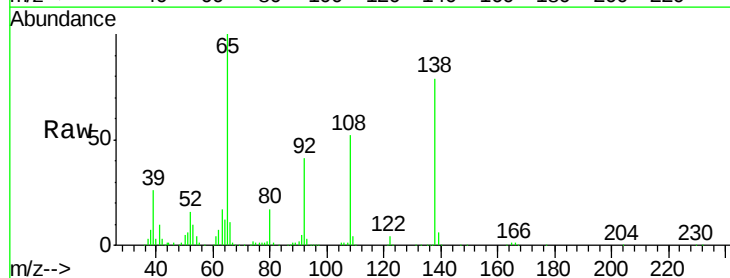
Instrument :
BNA_F
ClientSampled :

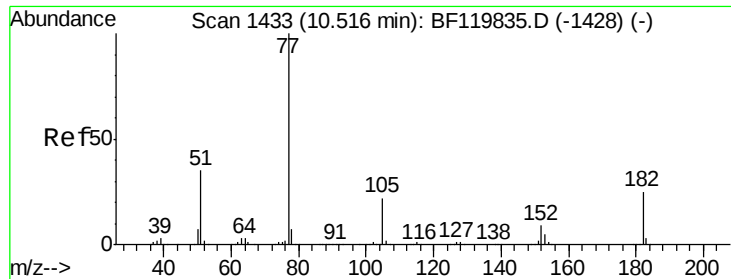
Tot Ion:204 Resp: 443386
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 62.0 47.3 70.9



#62
4-Nitroaniline
Concen: 49.205 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:138 Resp: 234304
Ion Ratio Lower Upper
138 100
92 52.3 31.5 71.5
108 66.3 45.8 85.8





#63

Azobenzene

Concen: 51.108 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 948397

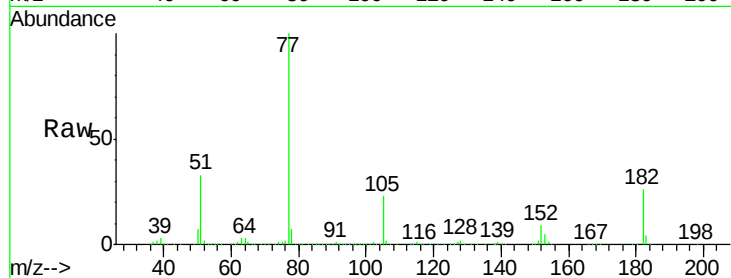
Ion Ratio Lower Upper

77 100

182 26.0 4.4 44.4

105 22.5 2.6 42.6

51 33.2 15.1 55.1

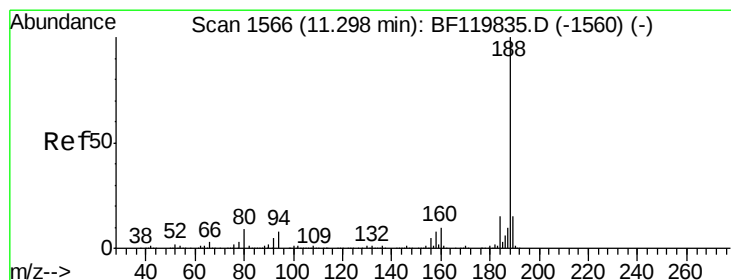
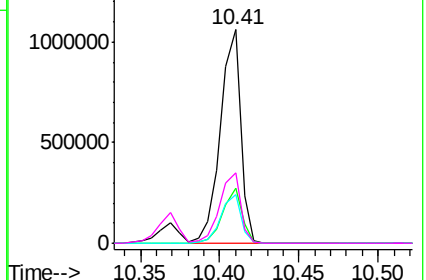
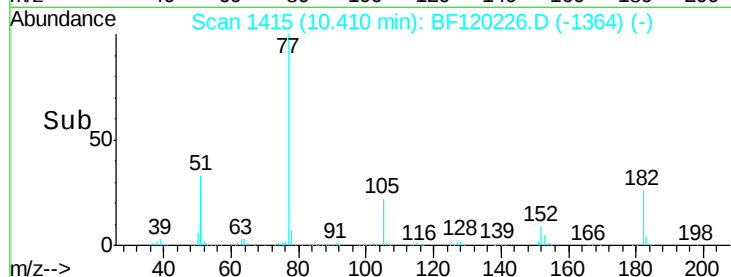


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

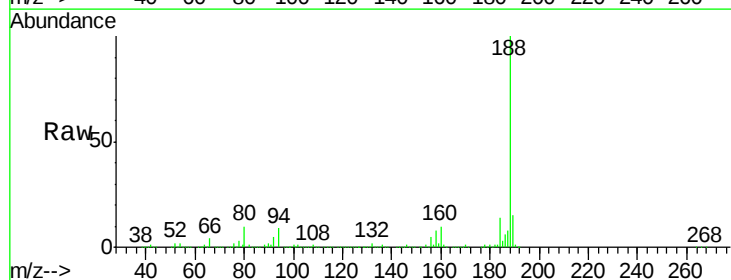
Tgt Ion: 188 Resp: 504022

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

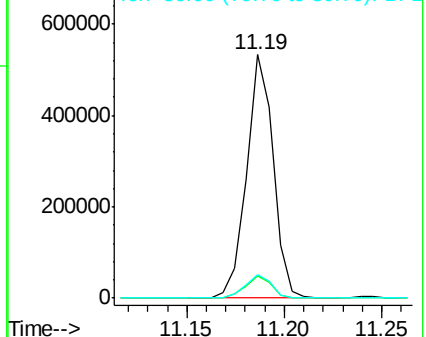
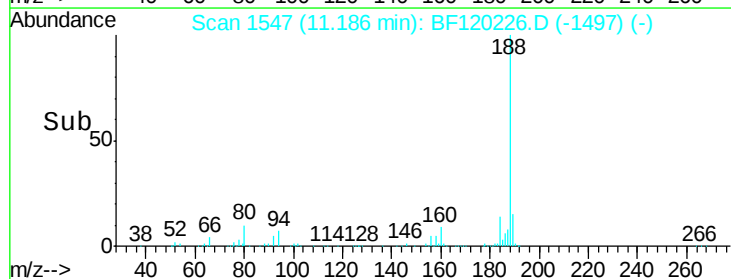
80 9.8 9.0 13.4

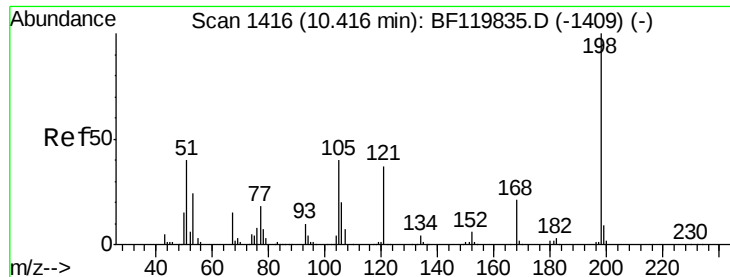


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

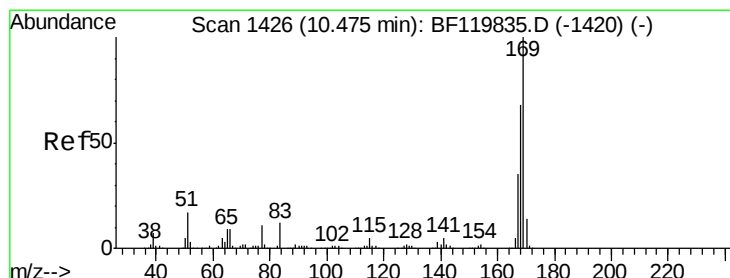
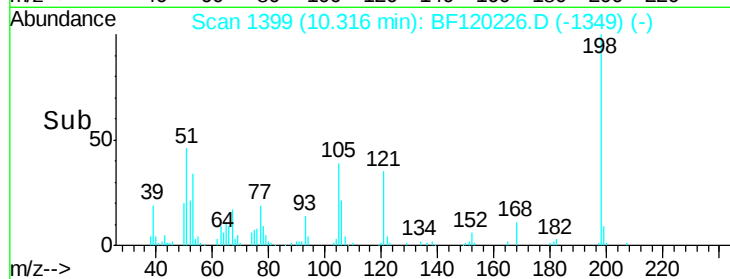
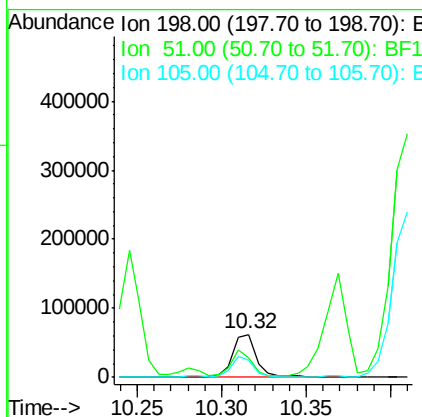
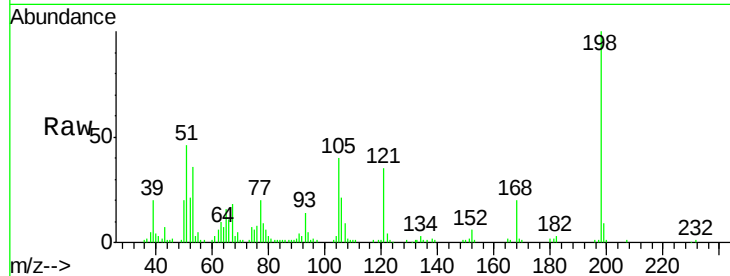




#65
 4,6-Dinitro-2-methylphenol
 Concen: 18.697 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

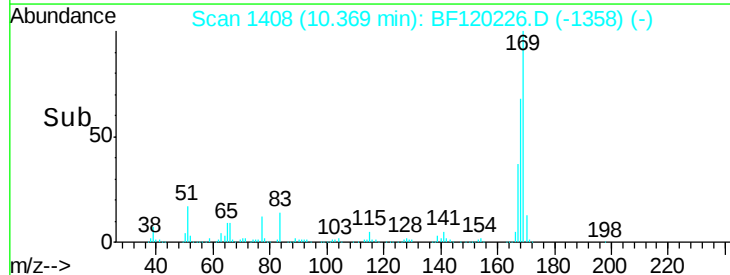
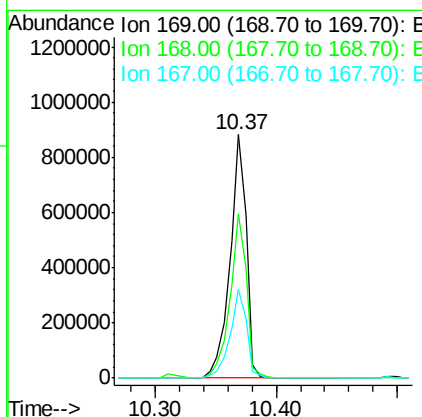
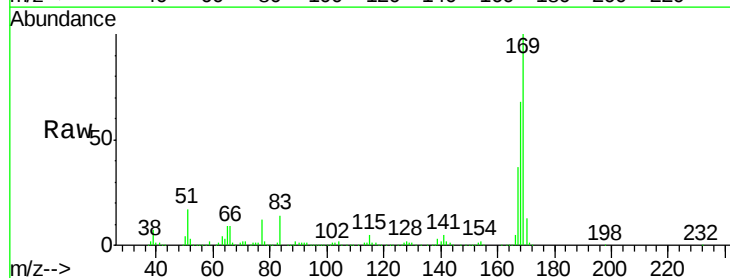
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 62084
 Ion Ratio Lower Upper
 198 100
 51 46.5 29.0 69.0
 105 39.6 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 49.282 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion:169 Resp: 826087
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 36.7 29.1 43.7

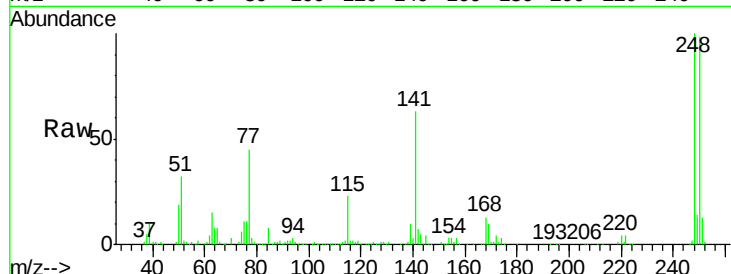




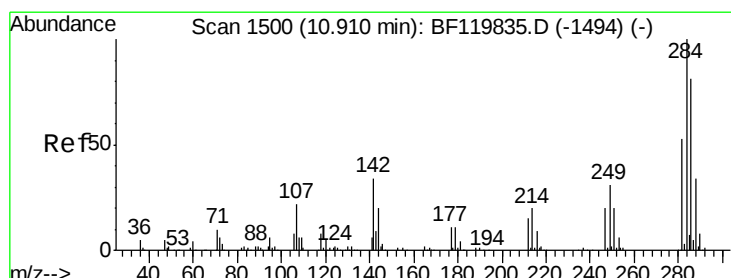
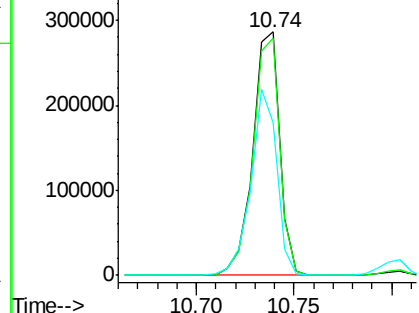
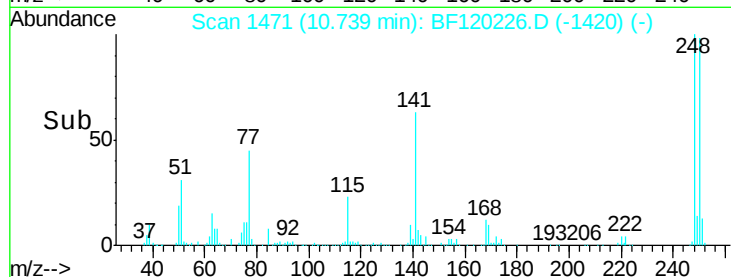
#67
 4-Bromophenyl-phenylether
 Concen: 43.743 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.3	115.9
141	62.7	58.6	87.8

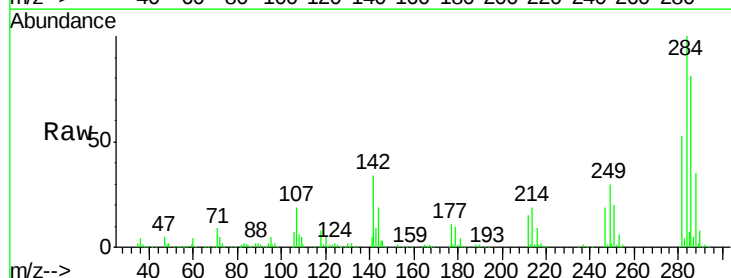


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

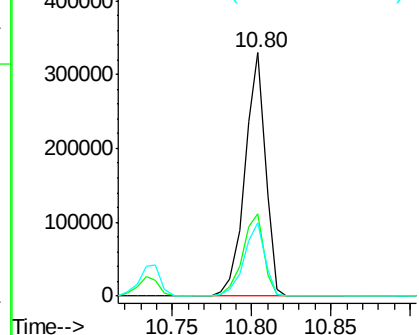
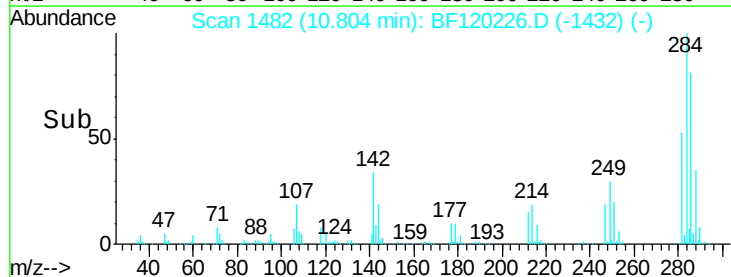


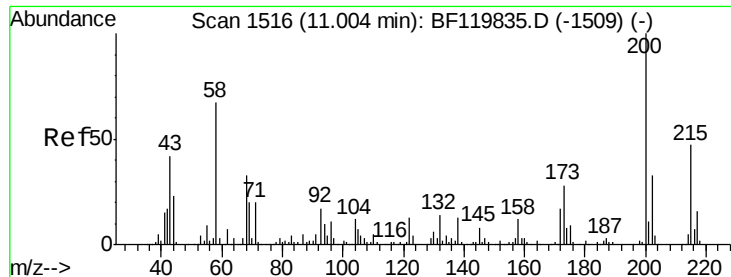
#68
 Hexachlorobenzene
 Concen: 46.204 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	29.2	43.8
249	30.0	25.1	37.7



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

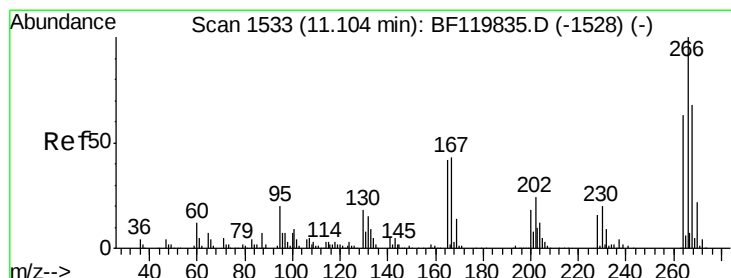
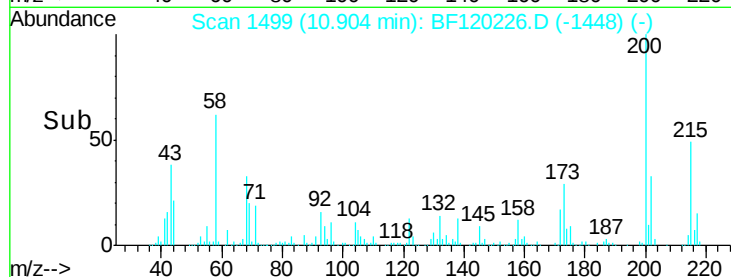
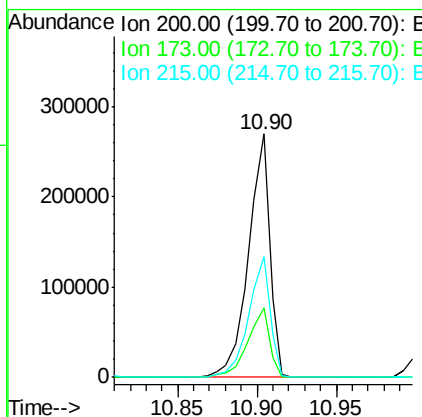
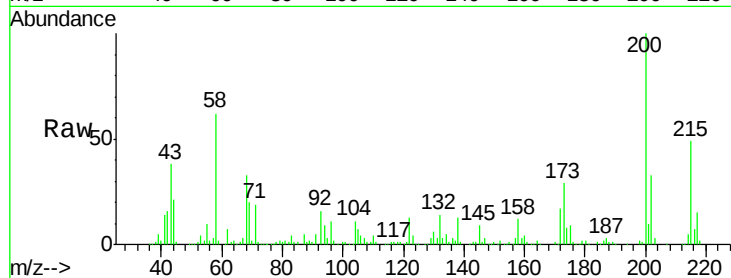




#69
 Atrazine
 Concen: 54.033 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

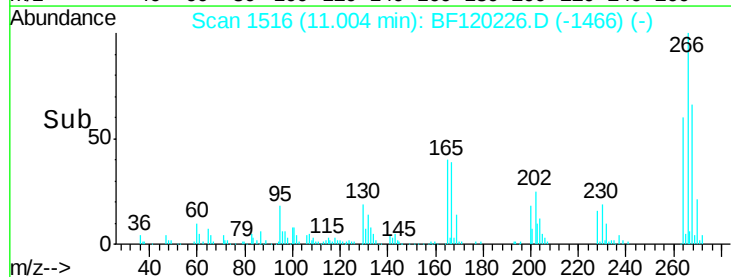
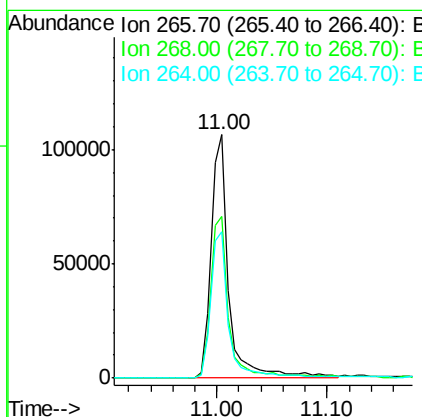
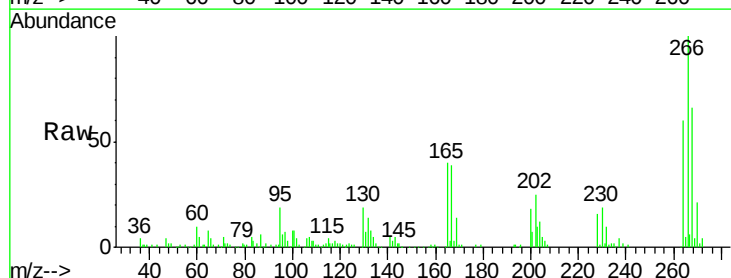
Instrument :
 BNA_F
 ClientSampleId :

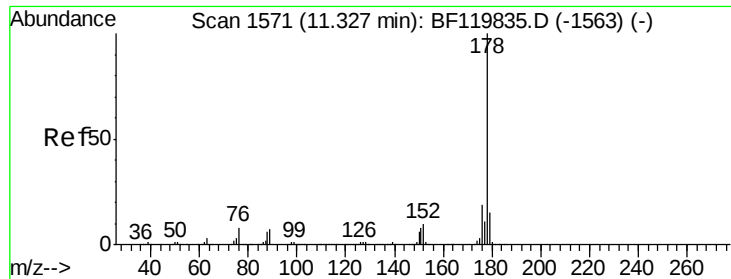
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	9.3	49.3
215	49.4	29.5	69.5



#70
 Pentachlorophenol
 Concen: 31.513 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.3	79.9
264	60.2	49.0	73.4





#71

Phenanthrene

Concen: 50.007 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

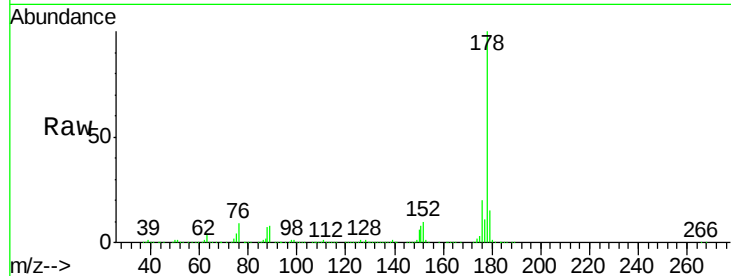
Tot Ion:178 Resp: 1341410

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

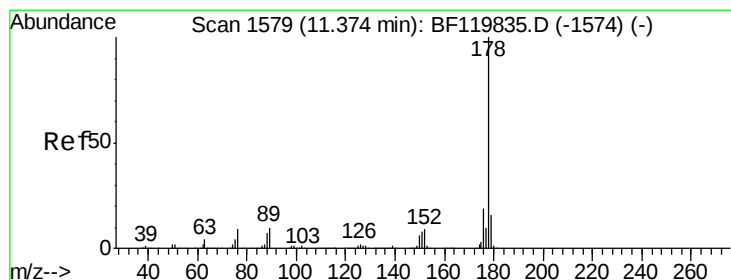
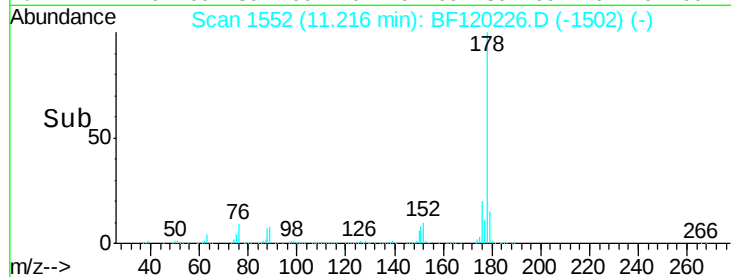
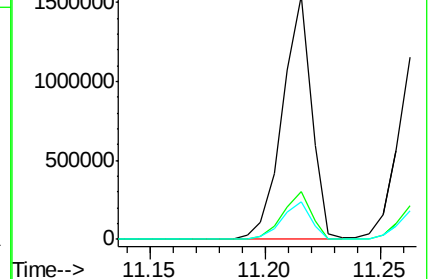
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.399 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

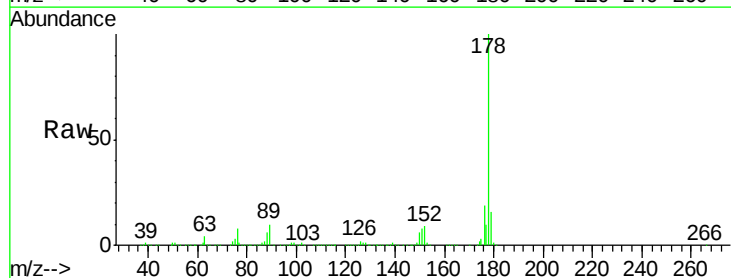
Tgt Ion:178 Resp: 1381090

Ion Ratio Lower Upper

178 100

176 18.6 16.1 24.1

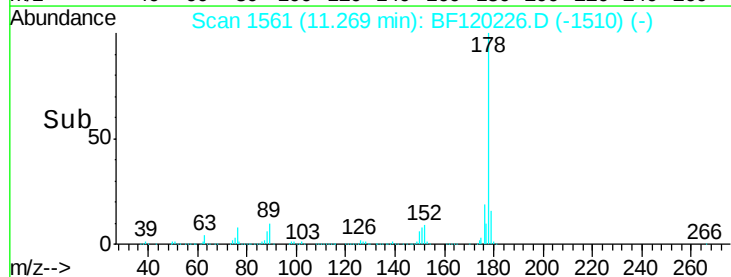
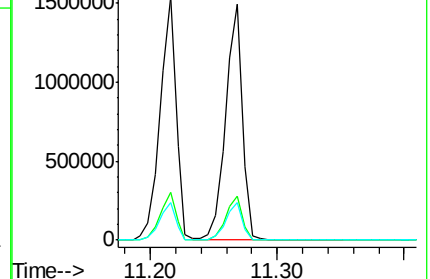
179 15.7 13.0 19.4

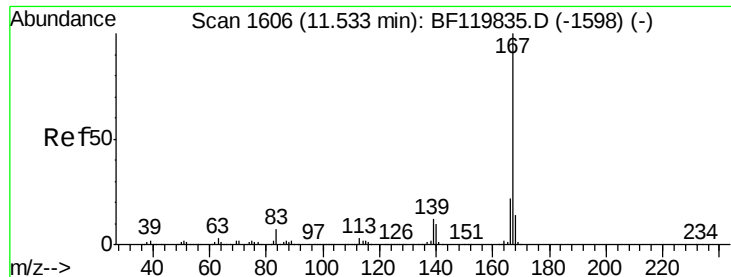


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

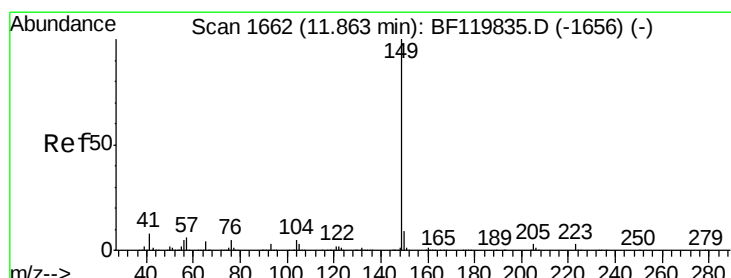
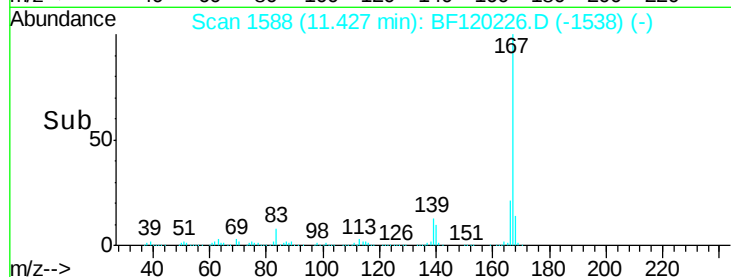
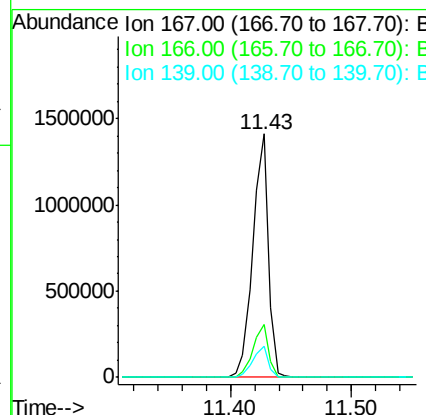
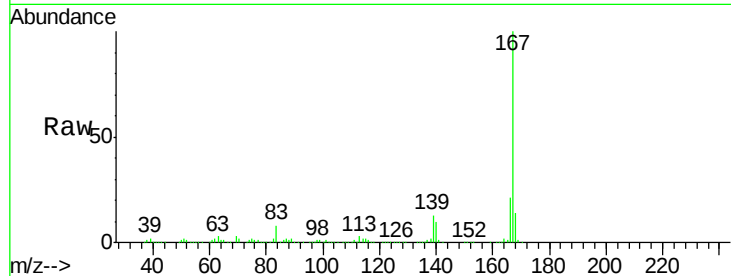




#73
 Carbazole
 Concen: 49.296 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

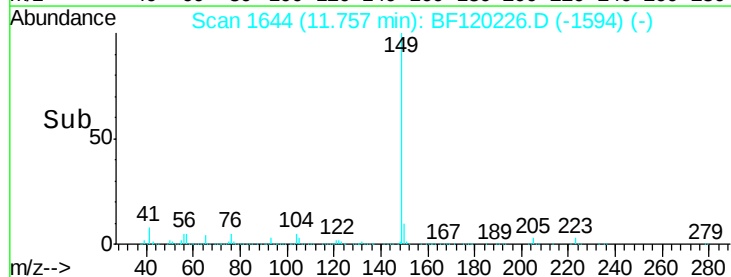
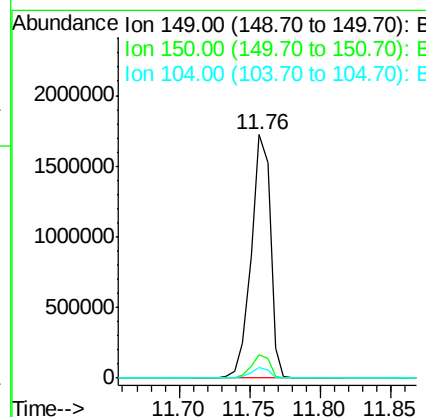
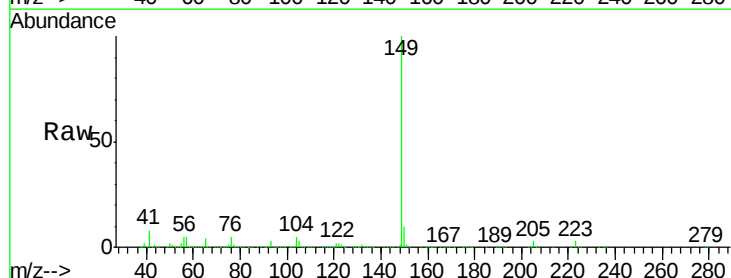
Instrument :
 BNA_F
 ClientSampleId :

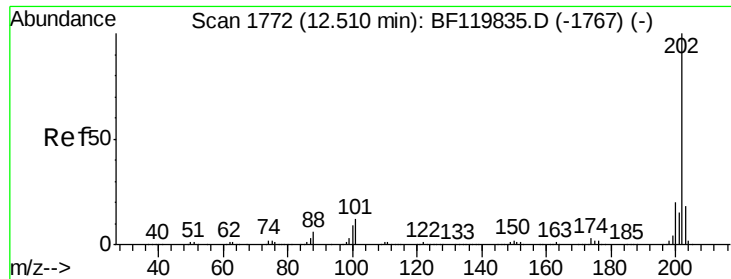
Tot Ion:167 Resp: 1277471
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 12.9 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 48.035 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion:149 Resp: 1636402
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.6 3.6 5.4

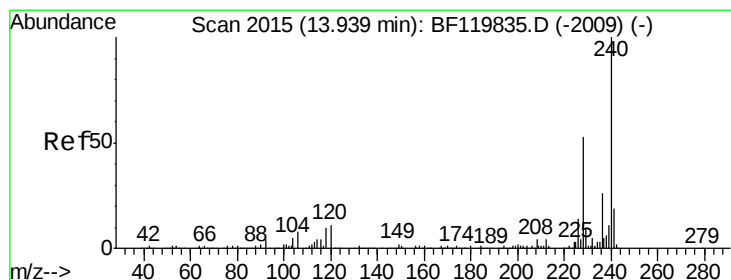
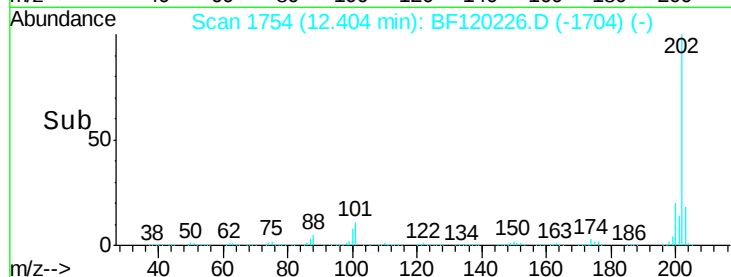
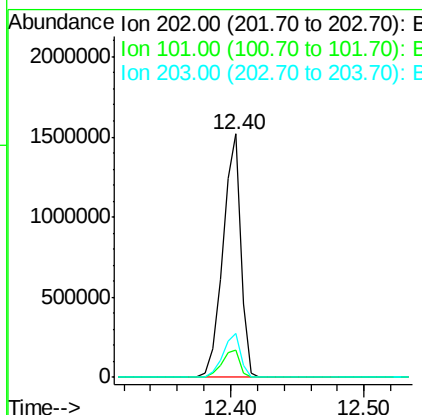
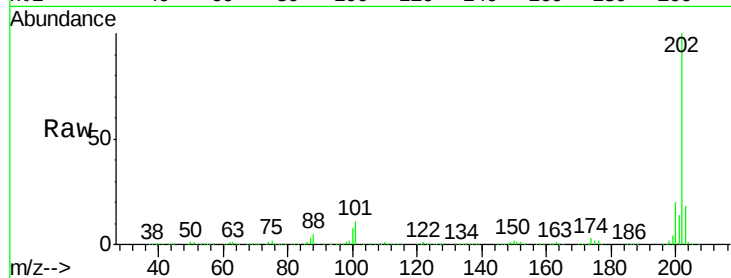




#75
 Fluoranthene
 Concen: 49.578 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

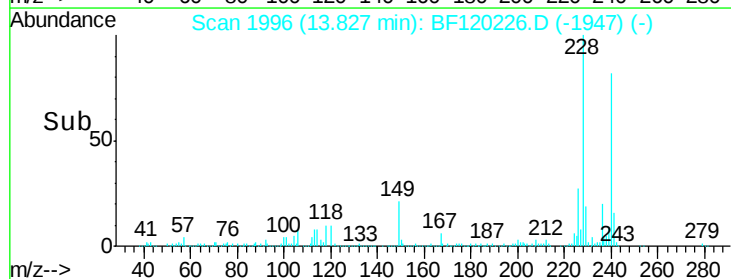
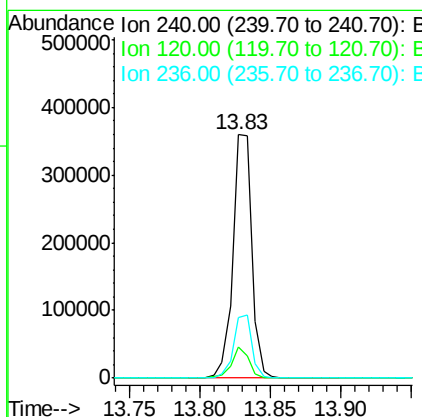
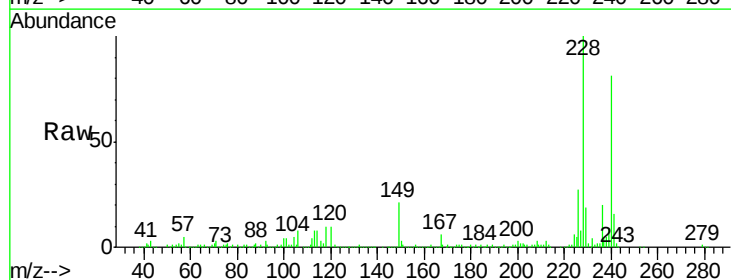
Instrument :
 BNA_F
 ClientSampleId :

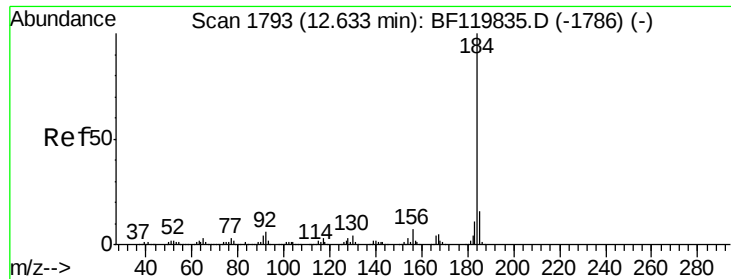
Tot Ion:202 Resp: 1434960
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 32.2
 203 17.8 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion:240 Resp: 335469
 Ion Ratio Lower Upper
 240 100
 120 12.9 10.6 15.8
 236 24.8 20.2 30.2





#77

Benzidine

Concen: 73.355 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

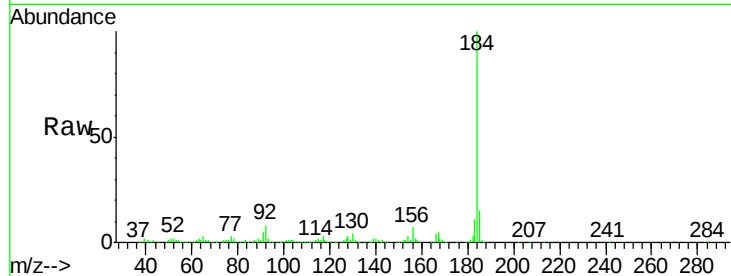
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 831837

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.3	18.5
183	11.2	9.0	13.6

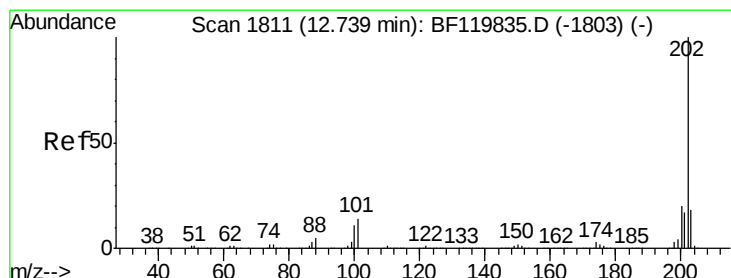
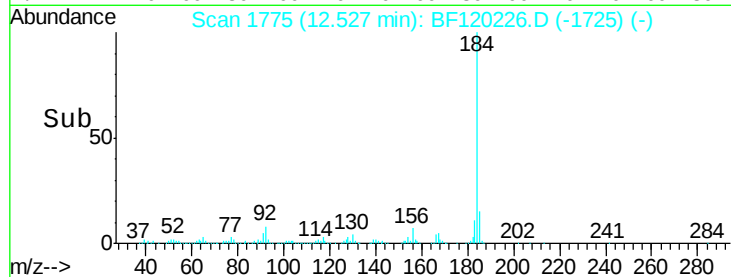
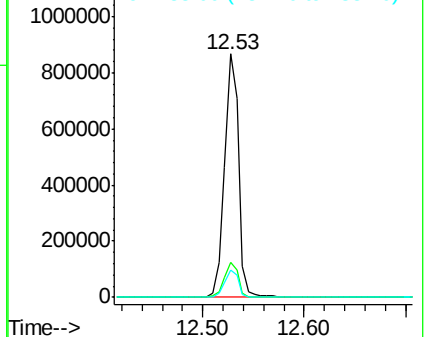


Abundance

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: 50.834 ng

RT: 12.63 min Scan# 1793

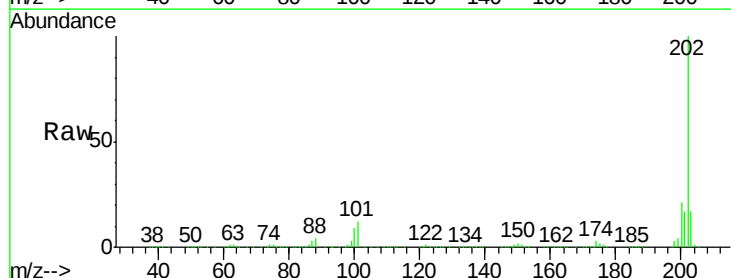
Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Tgt Ion:202 Resp: 1437606

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	17.4	15.1	22.7

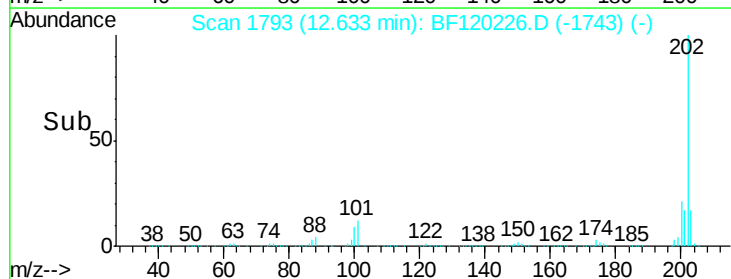
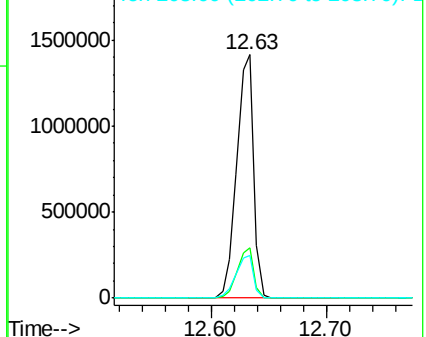


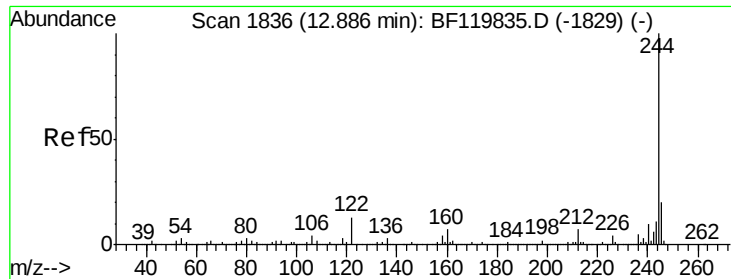
Abundance

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: 97.777 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampled :

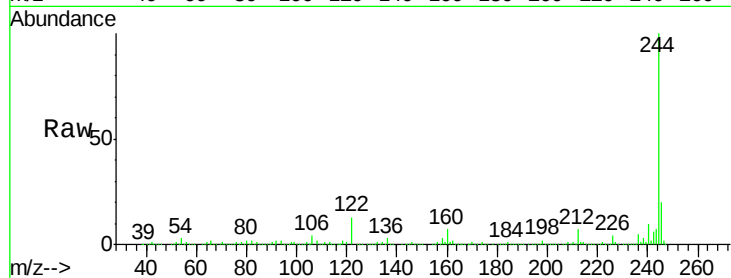
Tot Ion:244 Resp: 1949371

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

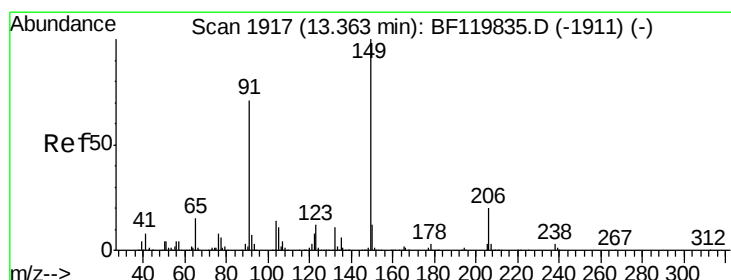
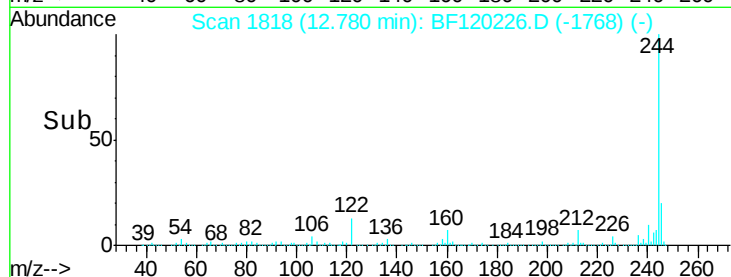
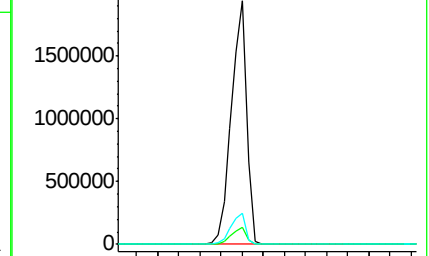
122 12.7 10.3 15.5



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: 48.702 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

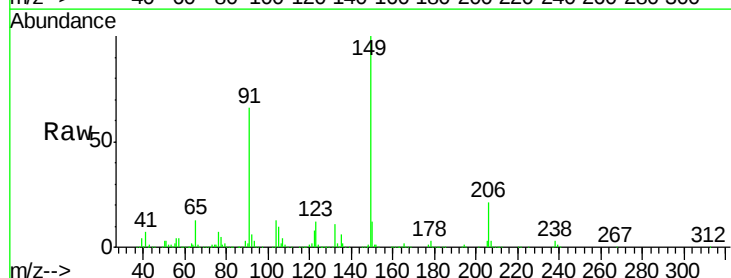
Tgt Ion:149 Resp: 668320

Ion Ratio Lower Upper

149 100

91 66.3 54.7 82.1

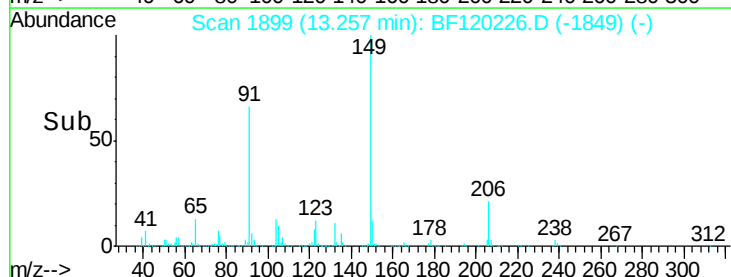
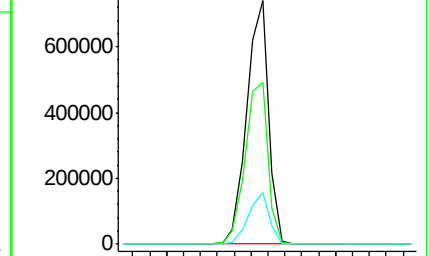
206 21.0 16.2 24.2



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: 49.239 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

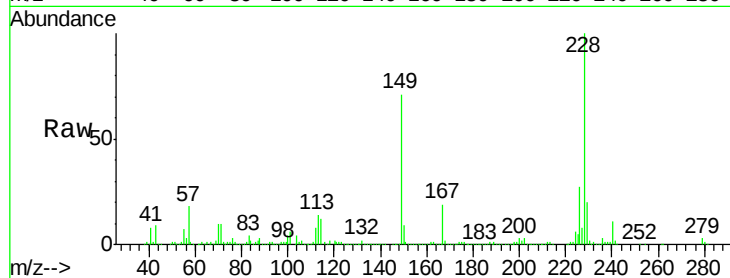
Tot Ion:228 Resp: 1086678

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

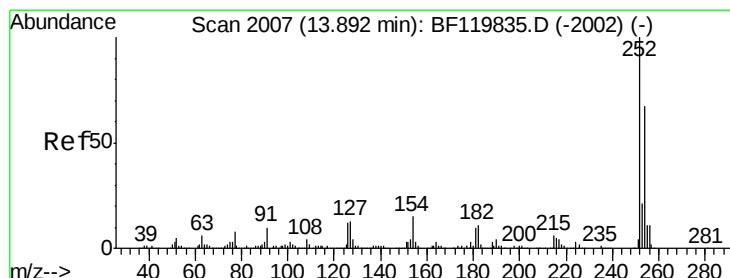
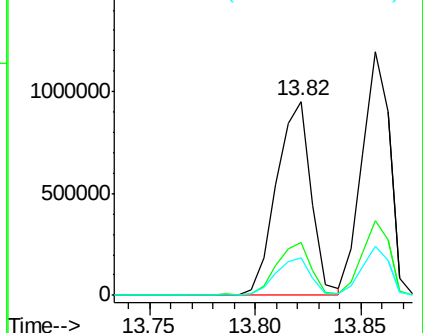
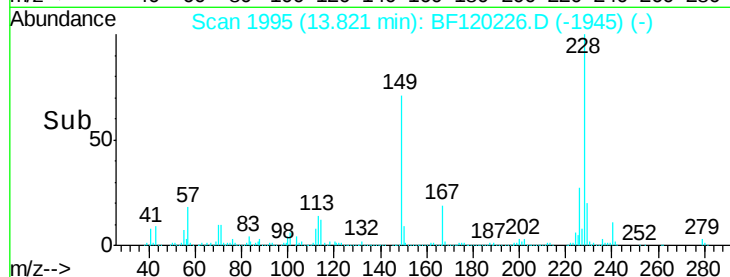
229 19.6 16.2 24.4



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: 44.025 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

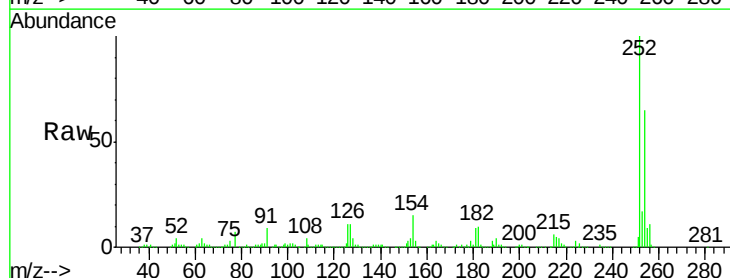
Tgt Ion:252 Resp: 362530

Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

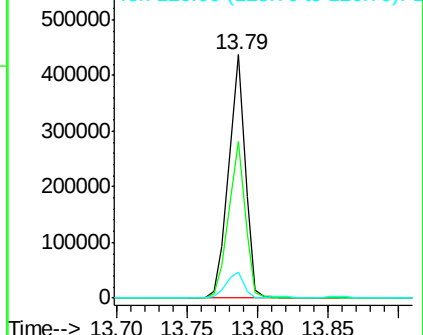
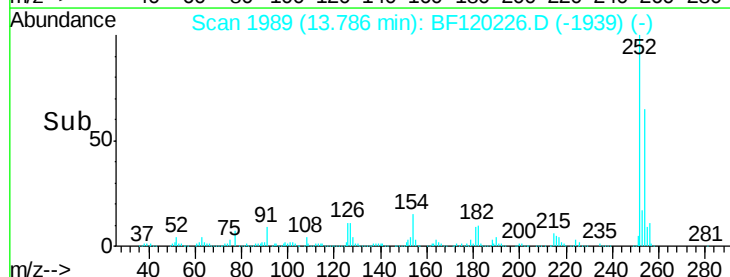
126 10.9 9.6 14.4

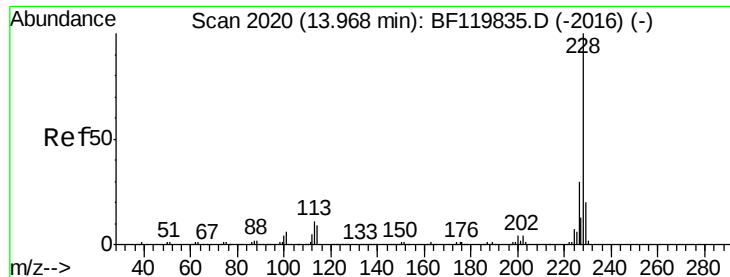


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

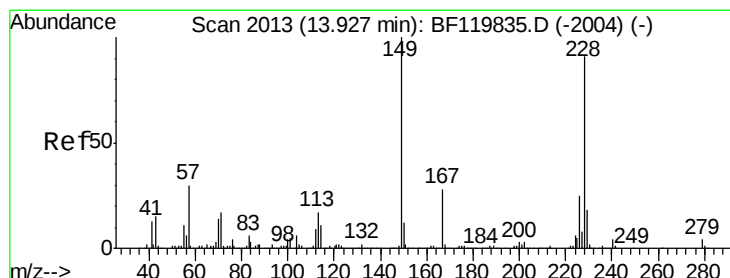
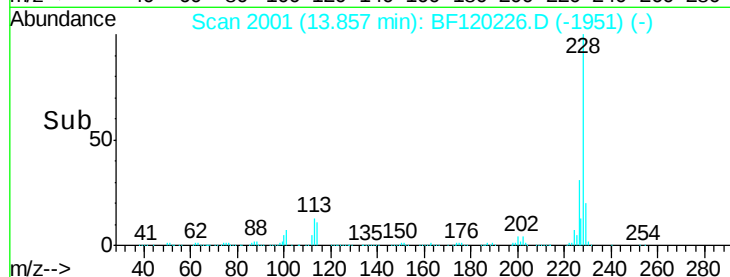
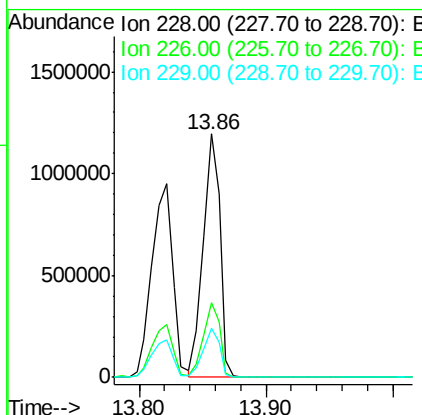
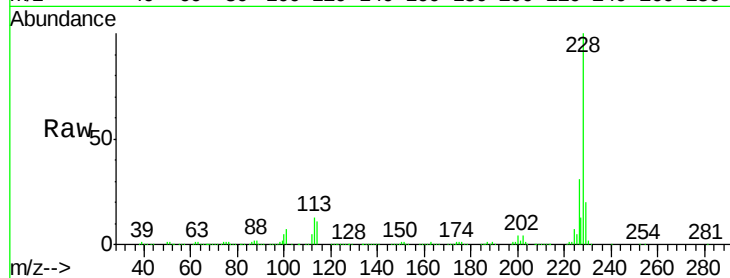




#83
 Chrvsene
 Concen: 48.972 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

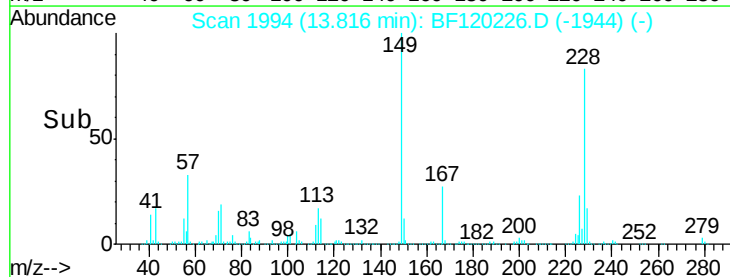
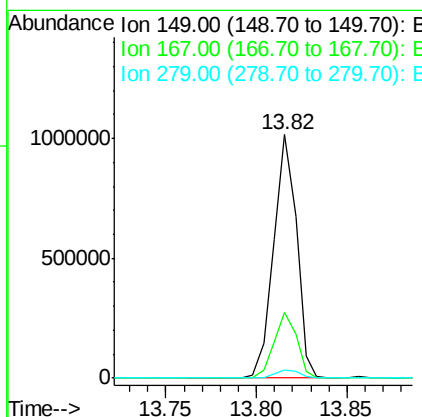
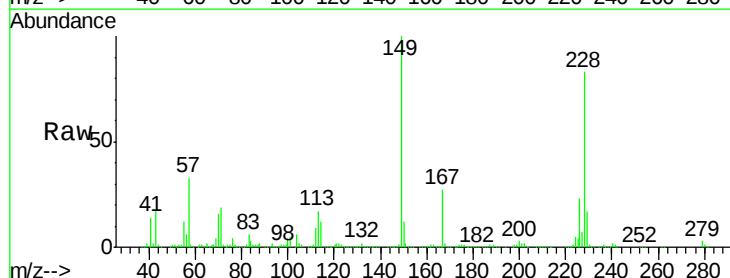
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1098160
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 20.0 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.110 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120226.D
 Acq: 27 Apr 2020 18:32

Tgt Ion:149 Resp: 894049
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 47.287 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

Instrument :

BNA_F

ClientSampleId :

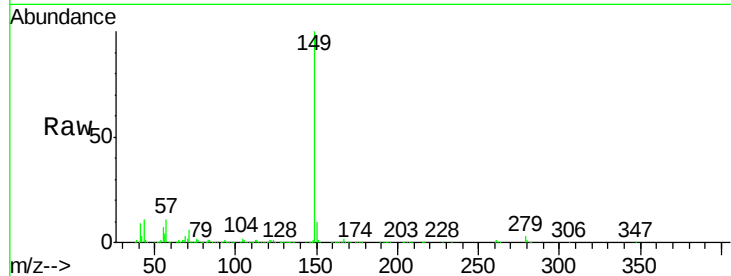
Tot Ion:149 Resp: 1496215

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

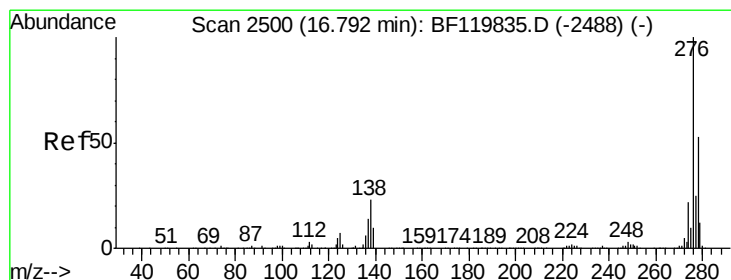
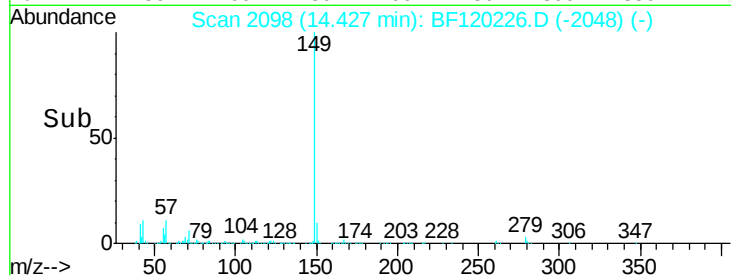
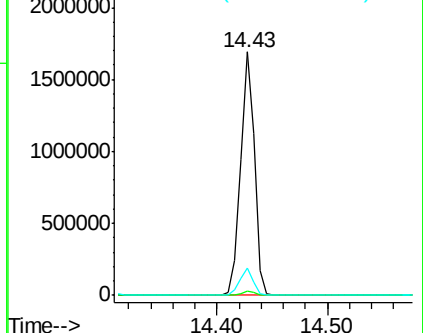
43 10.7 9.3 13.9



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: 47.376 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF120226.D

Acq: 27 Apr 2020 18:32

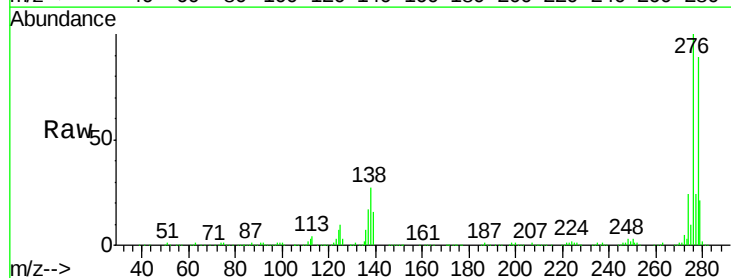
Tgt Ion:276 Resp: 936477

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

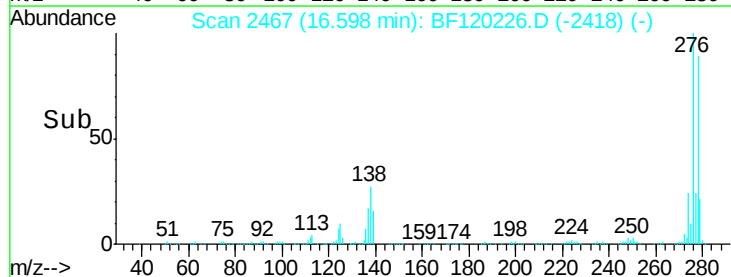
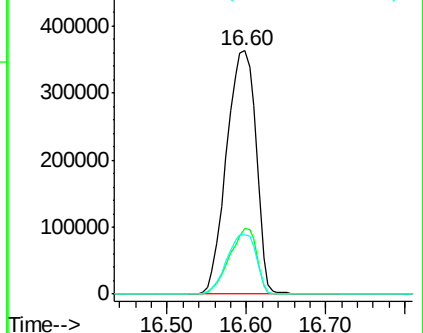
277 24.6 20.0 30.0

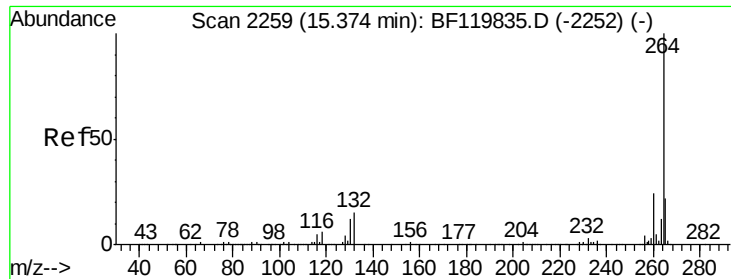


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

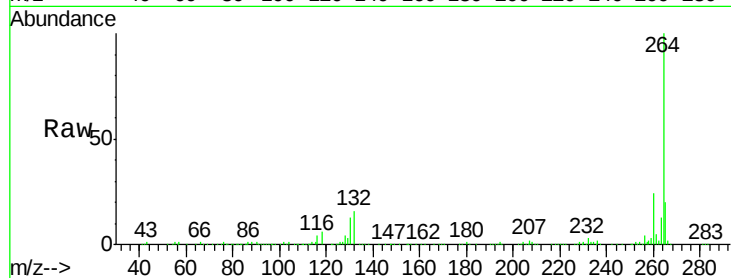




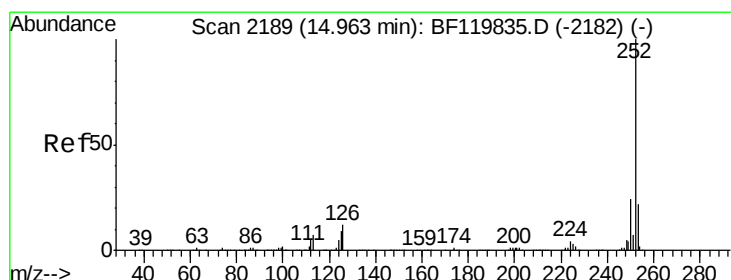
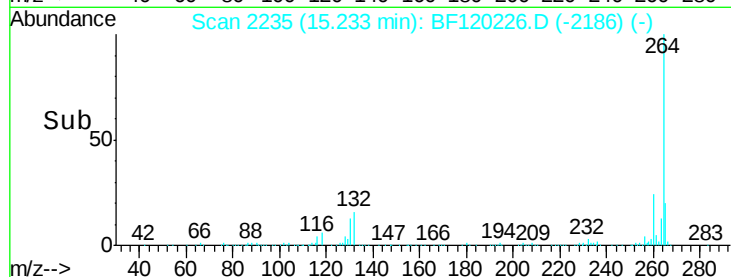
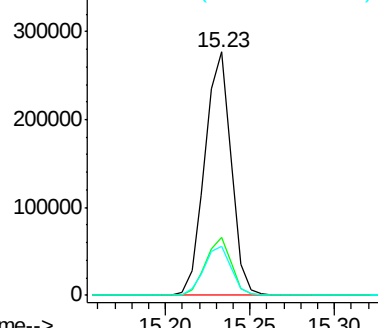
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 300196
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 20.4 17.7 26.5

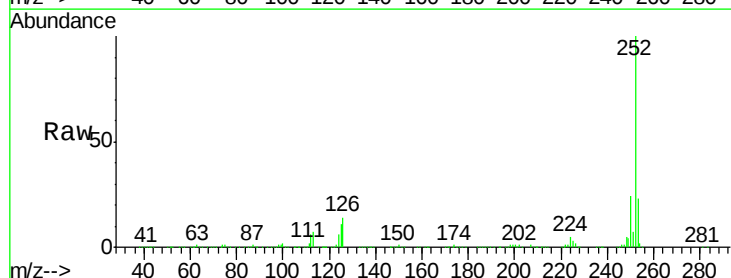


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

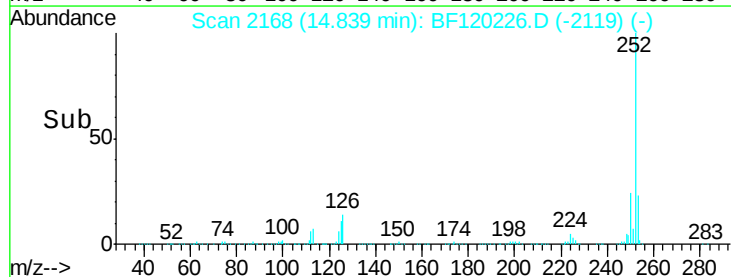
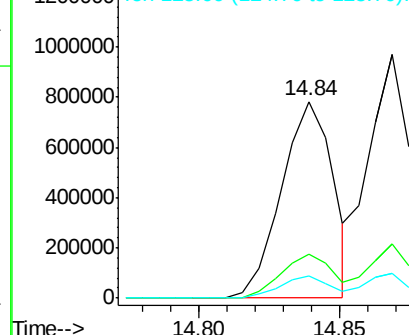


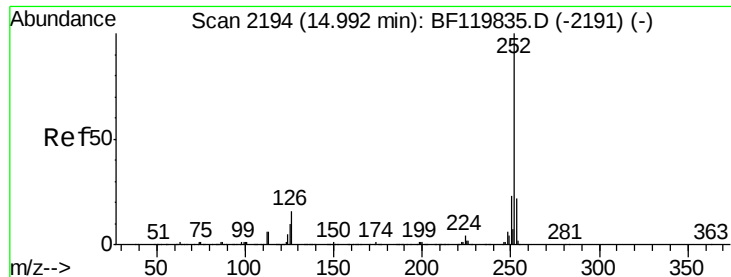
#88
Benzo(b)fluoranthene
Concen: 45.963 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:252 Resp: 992585
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 11.2 7.9 11.9



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

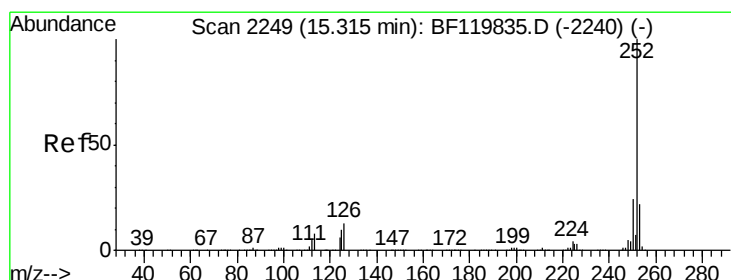
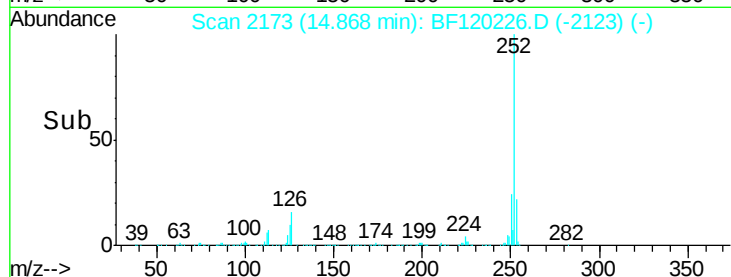
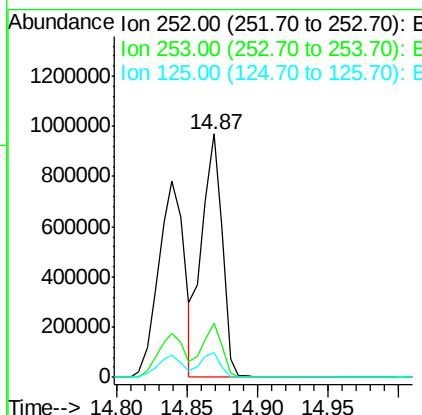
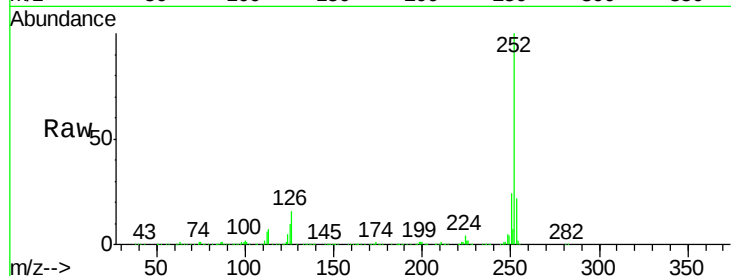




#89
Benzo(k)fluoranthene
Concen: 51.837 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

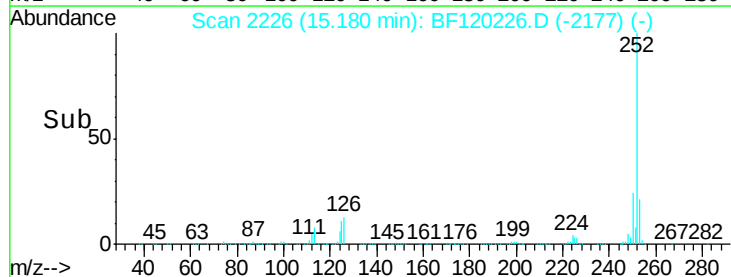
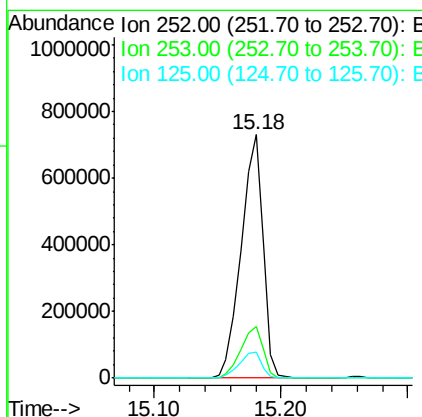
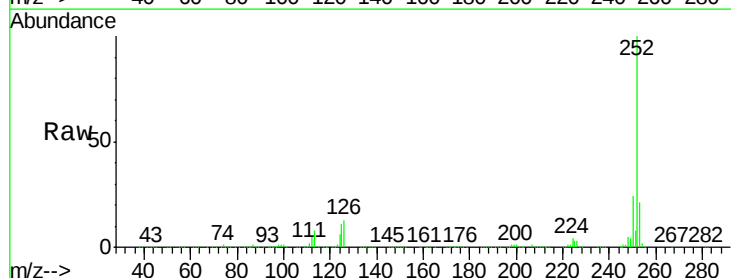
Instrument :
BNA_F
ClientSampleId :

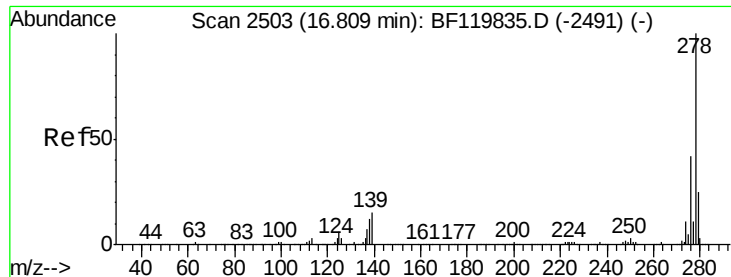
Tot Ion:252 Resp: 965872
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 47.854 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion:252 Resp: 868906
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 10.9 9.4 14.2

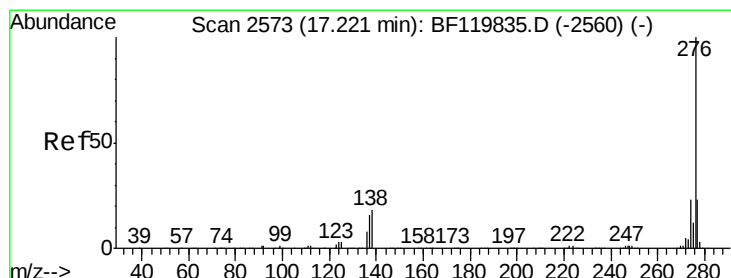
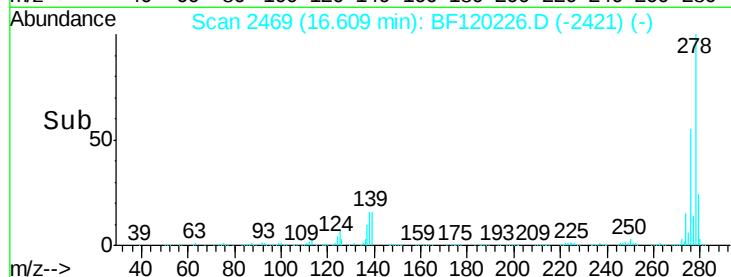
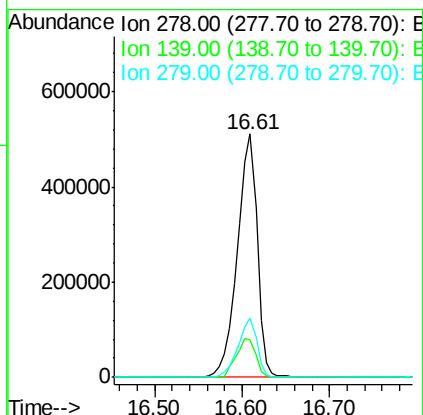
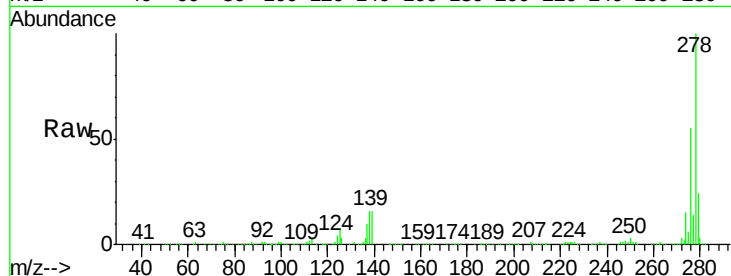




#91
Dibenzo(a,h)anthracene
Concen: 48.450 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	19.0
279	24.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.955 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF120226.D
Acq: 27 Apr 2020 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	21.7	15.4	23.0

