

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119212.D
 Acq On : 5 Mar 2020 13:55
 Operator : CG/JU
 Sample : PB127257BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:24:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110217	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	425124	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	243528	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	459807	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	297820	20.00	ng	-0.01
87) Perylene-d12	15.32	264	248805	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	827042	125.40	ng	0.00
7) Phenol-d6	6.39	99	1008294	125.71	ng	-0.01
23) Nitrobenzene-d5	7.29	82	611479	75.95	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	386443	121.30	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1269557	76.80	ng	-0.02
79) Terphenyl-d14	12.83	244	1515232	87.59	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.47	88	118849	40.475	ng	98
3) Pyridine	3.20	79	292957	36.531	ng	99
4) n-Nitrosodimethylamine	3.14	42	110346	45.423	ng	91
6) Aniline	6.39	93	317936	32.124	ng	# 75
8) 2-Chlorophenol	6.52	128	342525	48.125	ng	98
9) Benzaldehyde	6.27	77	149406	27.880	ng	99
10) Phenol	6.40	94	409767	47.251	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	310131	46.739	ng	98
12) 1,3-Dichlorobenzene	6.67	146	371975	43.604	ng	98
13) 1,4-Dichlorobenzene	6.75	146	377999	44.280	ng	98
14) 1,2-Dichlorobenzene	6.90	146	352258	45.246	ng	98
15) Benzyl Alcohol	6.88	79	286219	49.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249436	43.396	ng	# 13
17) 2-Methylphenol	7.00	107	283123	49.064	ng	96
18) Hexachloroethane	7.23	117	134993	44.201	ng	100
19) n-Nitroso-di-n-propylamine	7.14	70	236416	50.583	ng	97
20) 3+4-Methylphenols	7.16	107	371696	52.576	ng	# 84
22) Acetophenone	7.14	105	469668	47.749	ng	# 95
24) Nitrobenzene	7.31	77	354460	44.518	ng	97
25) Isophorone	7.55	82	644743	46.108	ng	99
26) 2-Nitrophenol	7.63	139	193955	45.974	ng	97
27) 2,4-Dimethylphenol	7.68	122	303912	53.079	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	394100	43.300	ng	99
29) 2,4-Dichlorophenol	7.88	162	306222	45.431	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	335952	42.038	ng	98
31) Naphthalene	8.03	128	999191	45.320	ng	98
32) Benzoic acid	7.84	122	162223	40.106	ng	97
33) 4-Chloroaniline	8.09	127	243652	25.694	ng	98
34) Hexachlorobutadiene	8.14	225	202552	40.689	ng	98
35) Caprolactam	8.46	113	50217	24.195	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	324111	47.512	ng	99
37) 2-Methylnaphthalene	8.72	142	692970	46.704	ng	98
38) 1-Methylnaphthalene	8.82	142	649179	46.523	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347835	42.363	ng	99

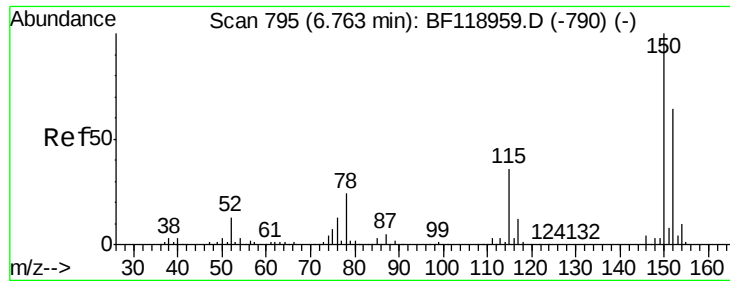
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	174374	60.887	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	214578	41.384	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	225387	41.424	nq	99
46) 1,1'-Biphenyl	9.19	154	841167	42.738	nq	98
47) 2-Chloronaphthalene	9.22	162	675263	42.574	nq	96
48) 2-Nitroaniline	9.32	65	190459	43.053	nq	98
49) Acenaphthylene	9.63	152	1036379	45.242	nq	100
50) Dimethylphthalate	9.49	163	829435	44.540	nq	99
51) 2,6-Dinitrotoluene	9.56	165	185258	44.778	nq #	89
52) Acenaphthene	9.80	154	610803	44.220	nq	99
53) 3-Nitroaniline	9.73	138	123192	26.859	nq	96
54) 2,4-Dinitrophenol	9.85	184	138664	69.991	nq	93
55) Dibenzofuran	9.97	168	913832	44.324	nq	99
56) 4-Nitrophenol	9.92	139	171520	62.240	nq	96
57) 2,4-Dinitrotoluene	9.97	165	232489	43.353	nq	93
58) Fluorene	10.32	166	746672	46.607	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	191796	41.776	nq	99
60) Diethylphthalate	10.19	149	802241	45.714	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	387212	45.662	nq	97
62) 4-Nitroaniline	10.34	138	158879	33.857	nq	94
63) Azobenzene	10.46	77	717480	47.036	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	127422	45.796	nq	95
66) n-Nitrosodiphenylamine	10.43	169	667029	44.304	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	256507	42.678	nq	94
68) Hexachlorobenzene	10.87	284	289351	41.756	nq	98
69) Atrazine	10.96	200	237733	45.194	nq	98
70) Pentachlorophenol	11.07	266	187216	67.069	nq	98
71) Phenanthrene	11.27	178	1101738	43.937	nq	98
72) Anthracene	11.33	178	1129798	45.093	nq	98
73) Carbazole	11.49	167	957024	42.876	nq	98
74) Di-n-butylphthalate	11.81	149	1245165	46.065	nq	98
75) Fluoranthene	12.46	202	1141531	42.887	nq	99
77) Benzidine	12.58	184	374640	30.931	nq	98
78) Pyrene	12.69	202	1125704	47.072	nq	99
80) Butylbenzylphthalate	13.30	149	485506	48.237	nq	97
81) Benzo(a)anthracene	13.88	228	910955	44.891	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	238142	30.222	nq	98
83) Chrysene	13.92	228	853319	42.202	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	673590	52.973	nq	100
85) Di-n-octyl phthalate	14.47	149	1020004	50.346	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	772017	39.432	nq	100
88) Benzo(b)fluoranthene	14.91	252	768672	46.871	nq	99
89) Benzo(k)fluoranthene	14.93	252	715771	47.096	nq	99
90) Benzo(a)pyrene	15.26	252	650935	43.978	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	652259	50.083	nq	99
92) Benzo(g,h,i)perylene	17.14	276	657668	51.110	nq	98

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

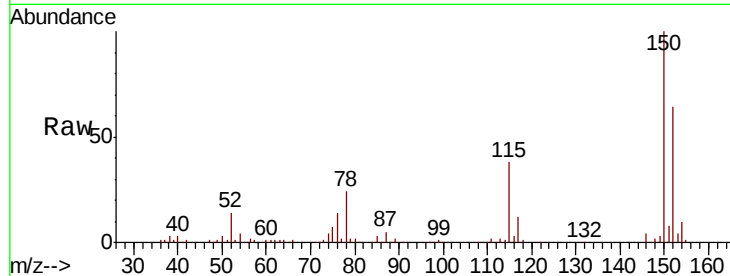


#1

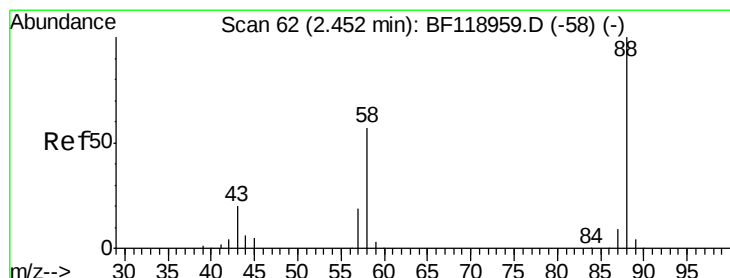
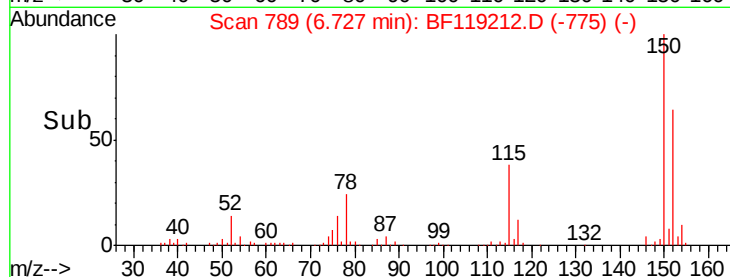
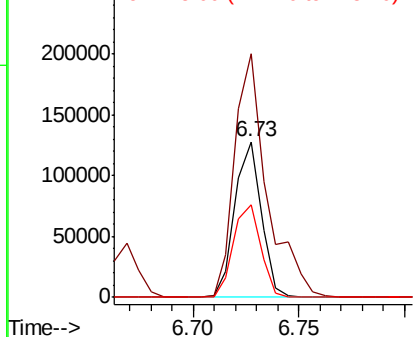
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110217
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 59.4 49.5 74.3



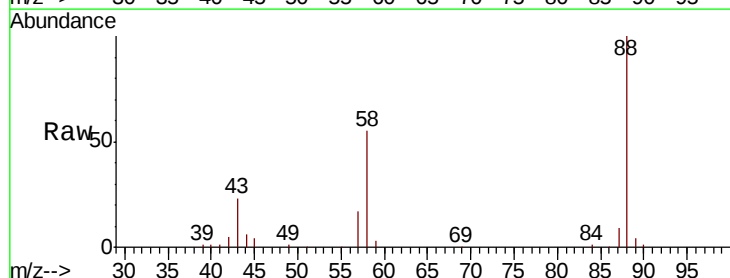
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



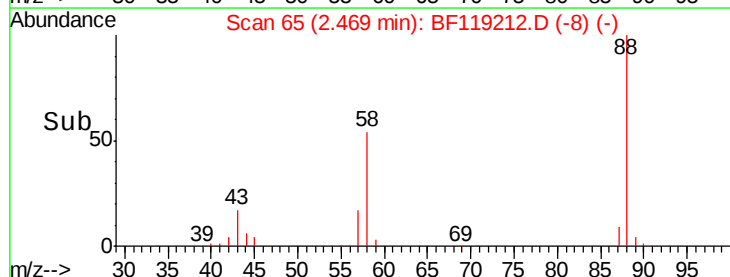
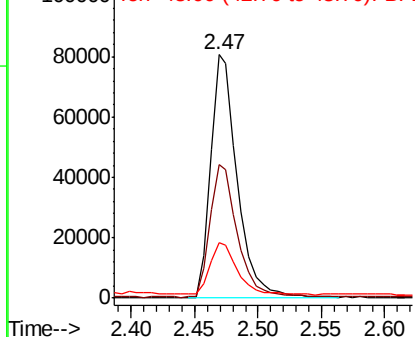
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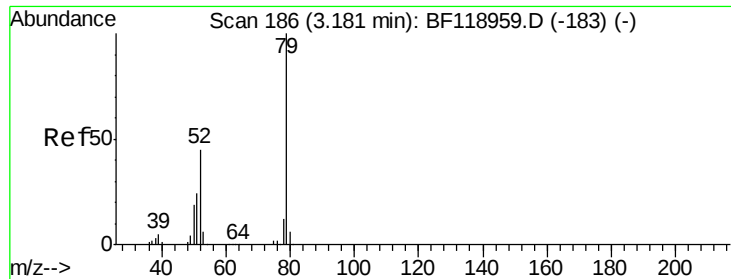
1,4-Dioxane
Concen: 40.475 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.03 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion: 88 Resp: 118849
Ion Ratio Lower Upper
88 100
58 55.9 43.8 65.6
43 21.9 16.2 24.4



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





#3

Pvridine

Concen: 36.531 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.05 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

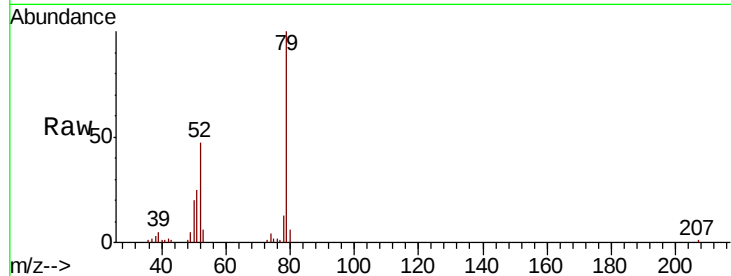
Tot Ion: 79 Resp: 292957

Ion Ratio Lower Upper

79 100

52 46.6 37.4 56.0

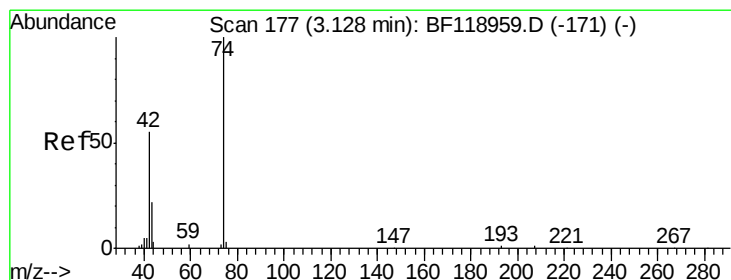
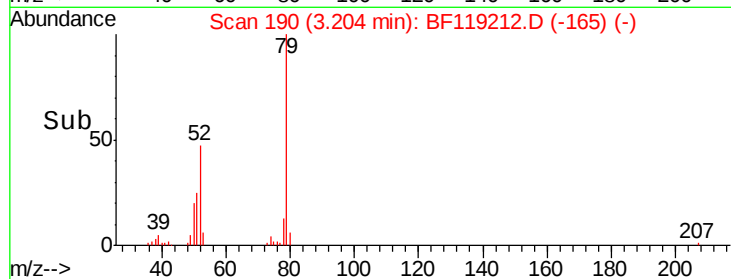
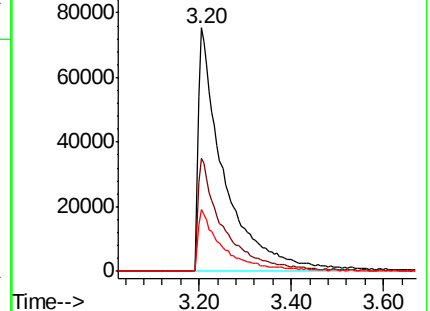
51 25.4 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.423 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

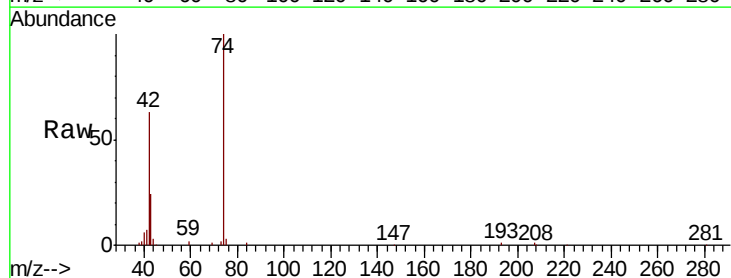
Tgt Ion: 42 Resp: 110346

Ion Ratio Lower Upper

42 100

74 158.9 137.7 206.5

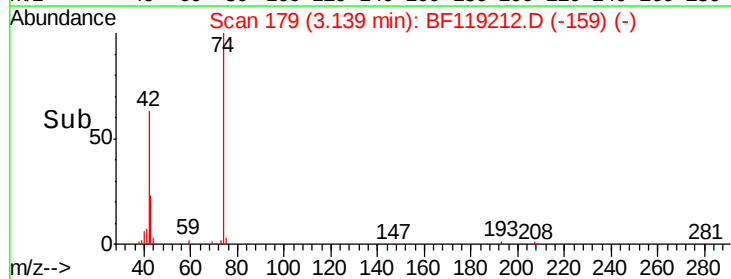
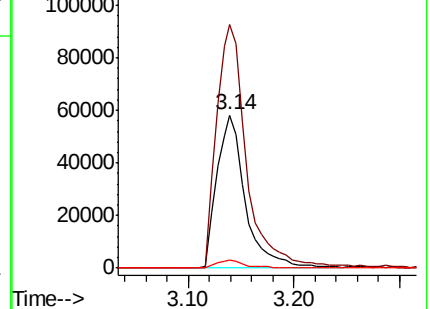
44 5.5 4.5 6.7

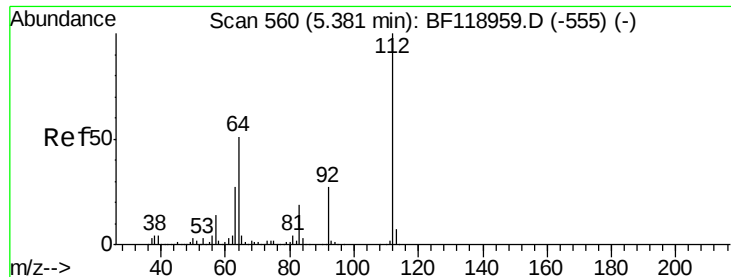


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.401 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

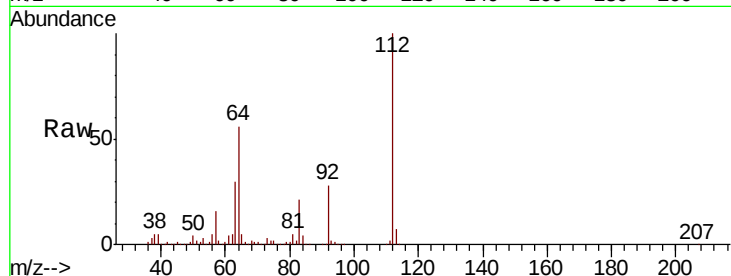
Tot Ion:112 Resp: 827042

Ion Ratio Lower Upper

112 100

64 56.0 45.0 67.4

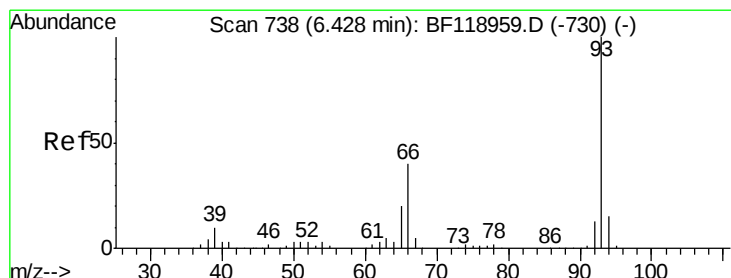
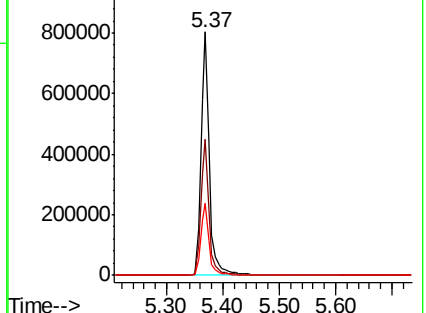
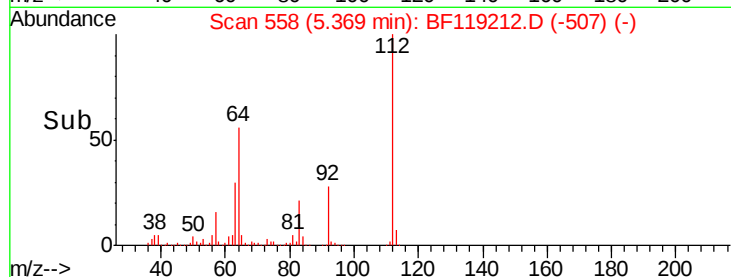
63 29.8 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.124 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

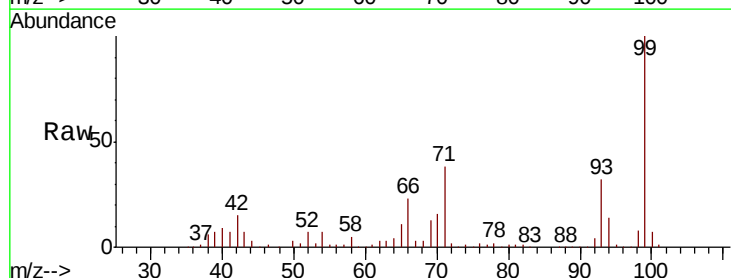
Tgt Ion: 93 Resp: 317936

Ion Ratio Lower Upper

93 100

66 72.3 74.5 111.7#

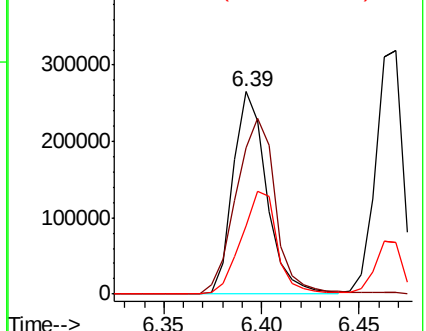
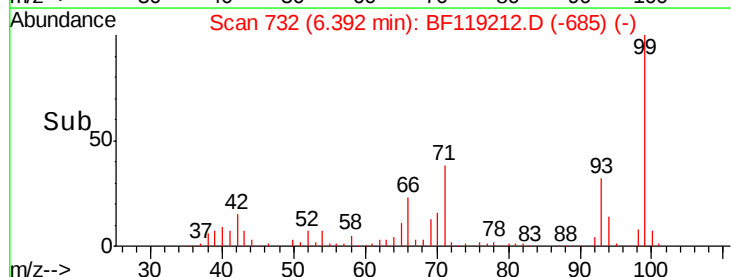
65 33.6 45.3 67.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.708 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

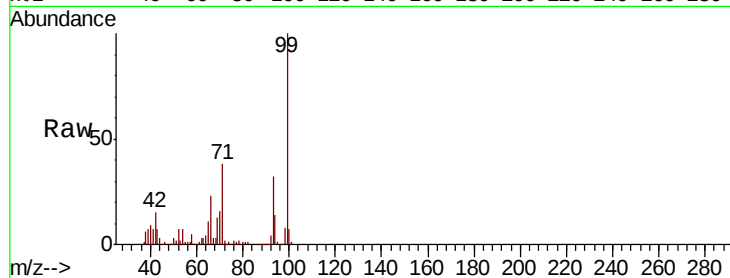
Tot Ion: 99 Resp: 1008294

Ion Ratio Lower Upper

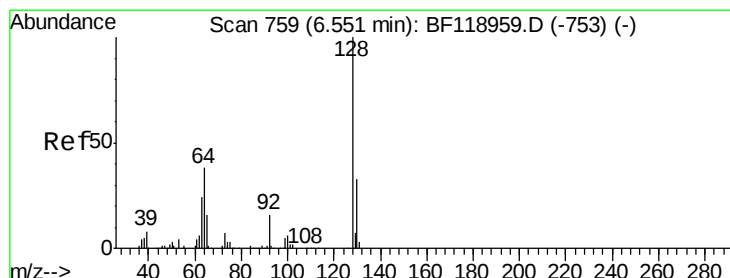
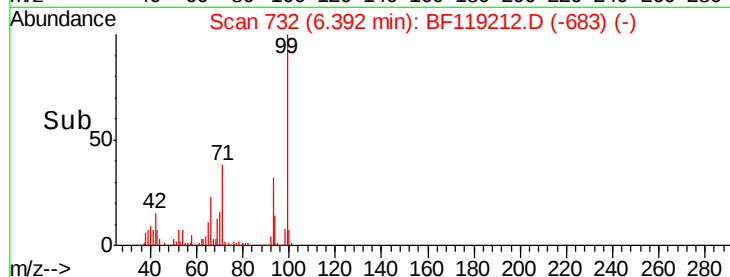
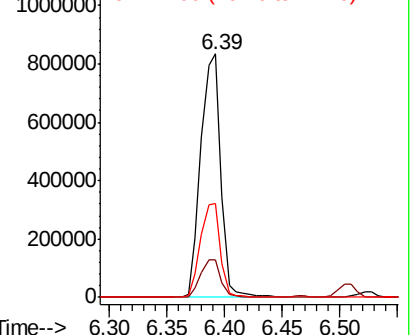
99 100

42 15.5 12.6 18.8

71 38.4 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.125 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

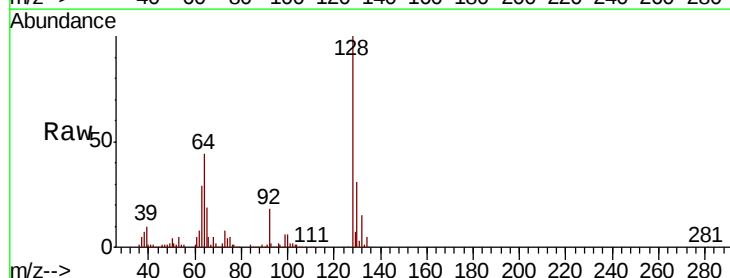
Tgt Ion: 128 Resp: 342525

Ion Ratio Lower Upper

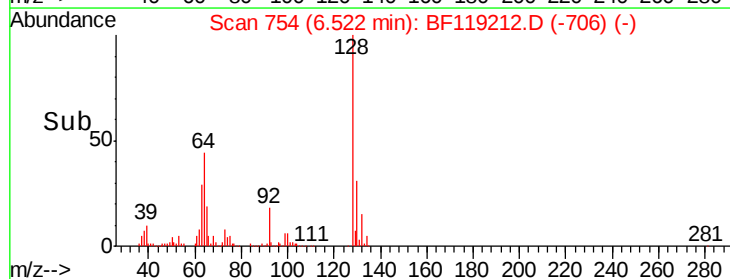
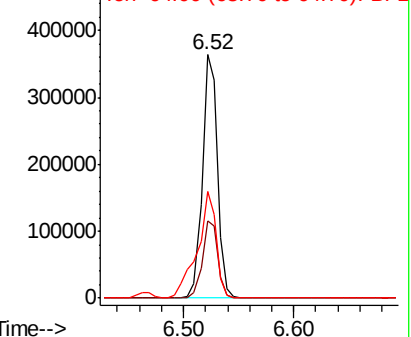
128 100

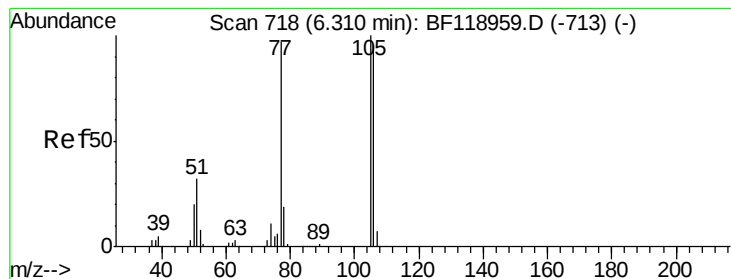
130 31.5 12.7 52.7

64 44.0 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.880 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

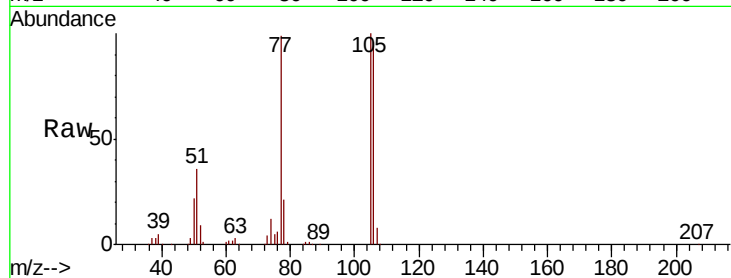
Tot Ion: 77 Resp: 149406

Ion Ratio Lower Upper

77 100

105 100.9 80.1 120.1

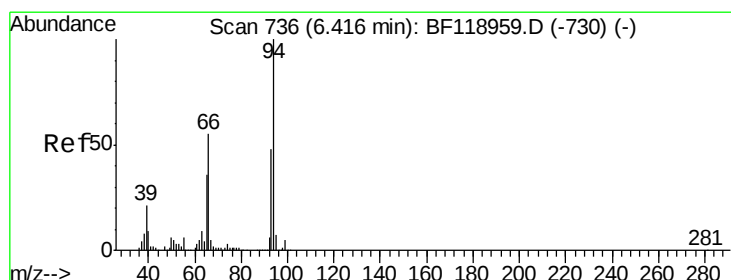
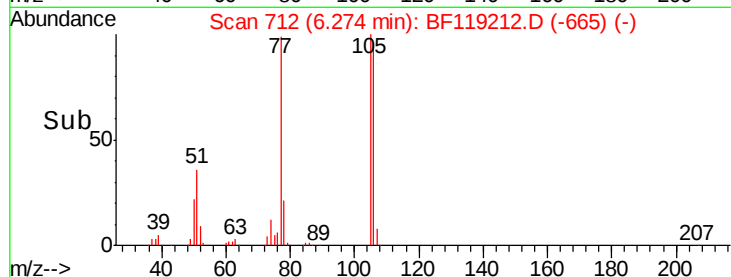
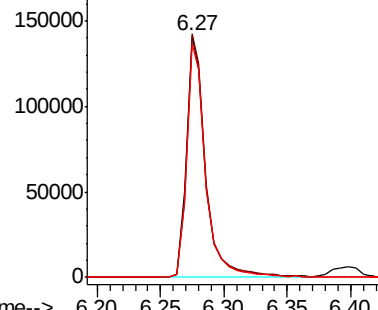
106 96.8 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.251 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

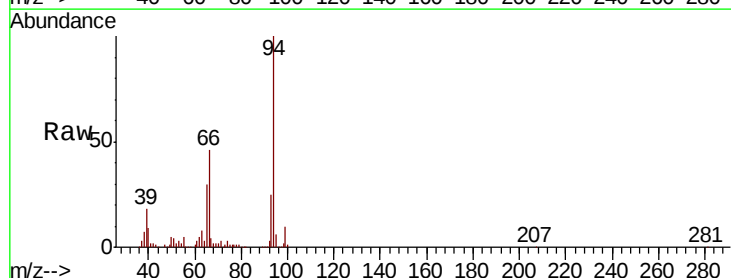
Tgt Ion: 94 Resp: 409767

Ion Ratio Lower Upper

94 100

65 30.2 19.2 59.2

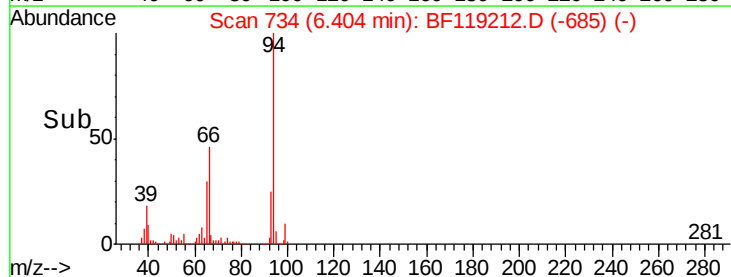
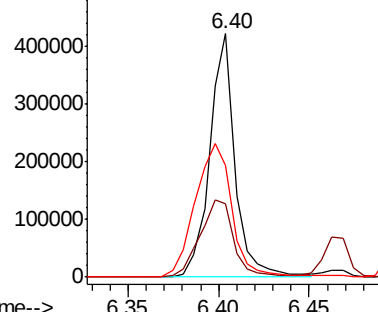
66 46.2 44.4 84.4

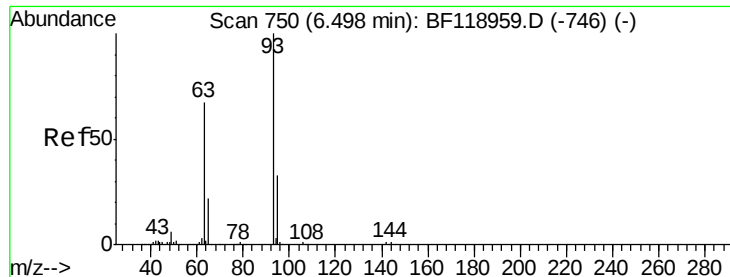


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

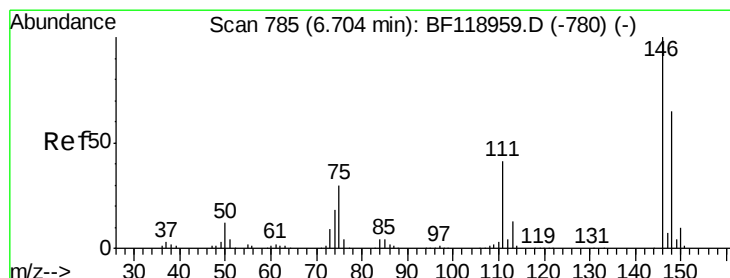
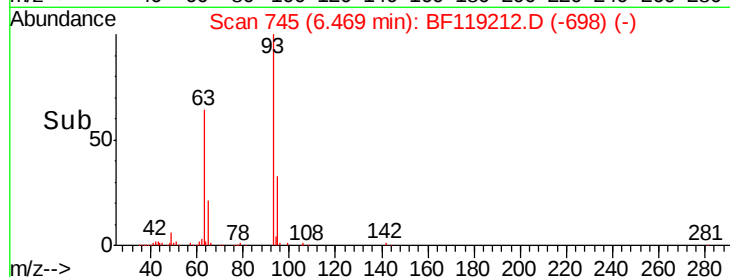
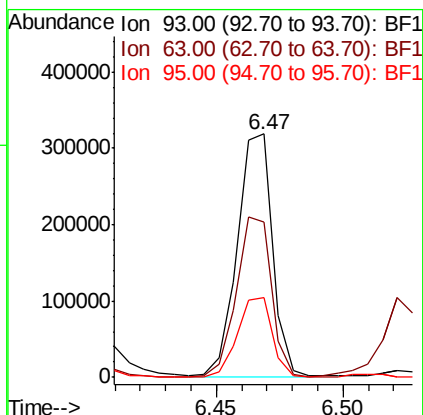
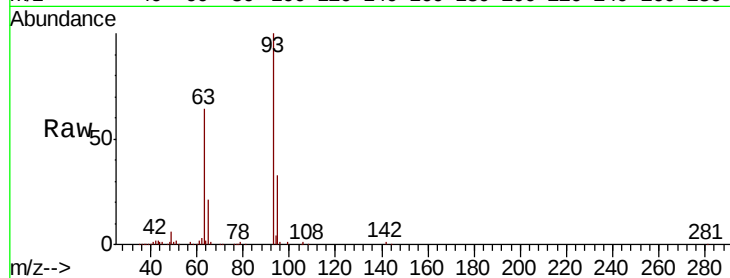




#11
bis(2-Chloroethyl)ether
Concen: 46.739 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

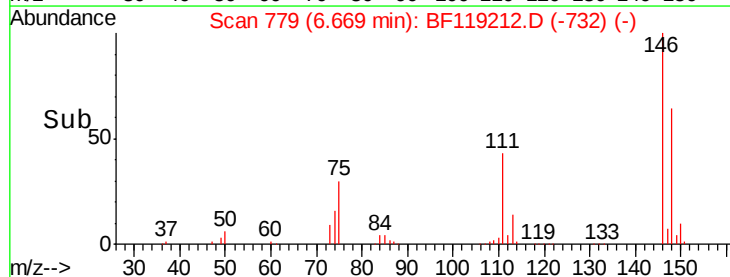
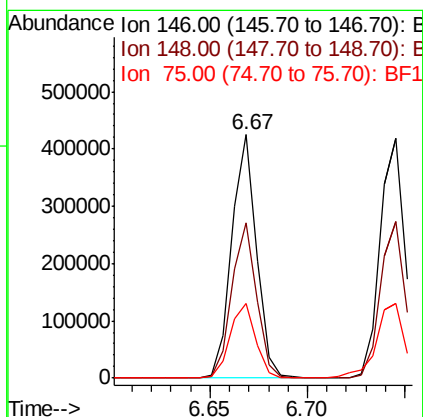
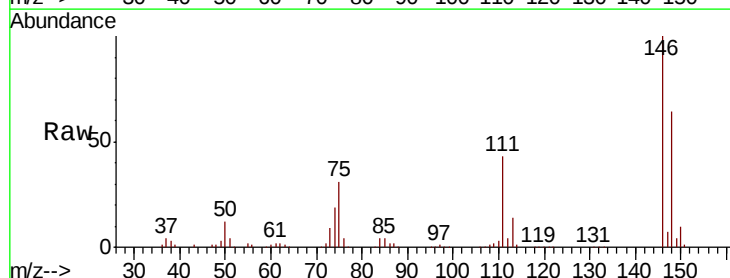
Instrument :
BNA_F
ClientSampleId :

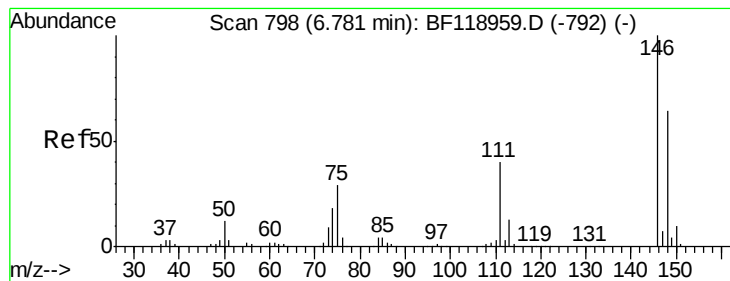
Tot Ion: 93 Resp: 310131
Ion Ratio Lower Upper
93 100
63 64.0 45.4 85.4
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 43.604 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion: 146 Resp: 371975
Ion Ratio Lower Upper
146 100
148 63.9 52.5 78.7
75 30.6 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 44.280 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

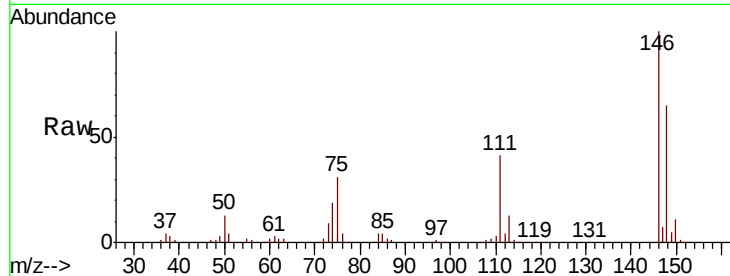
Tot Ion:146 Resp: 377999

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

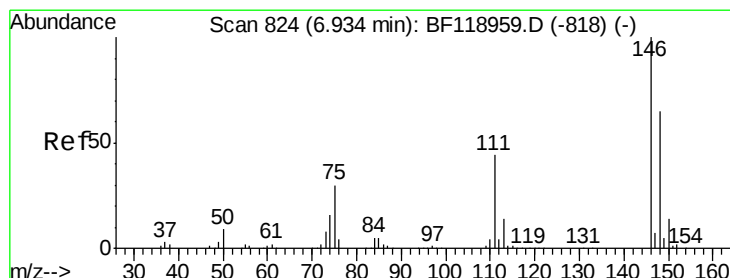
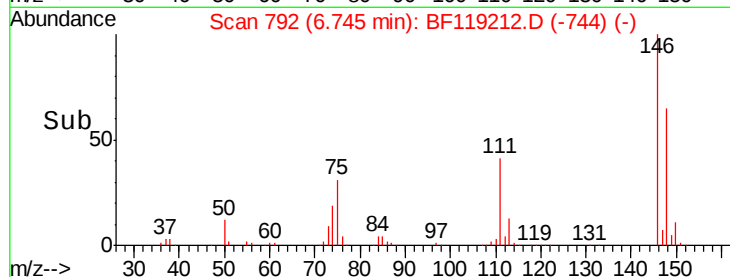
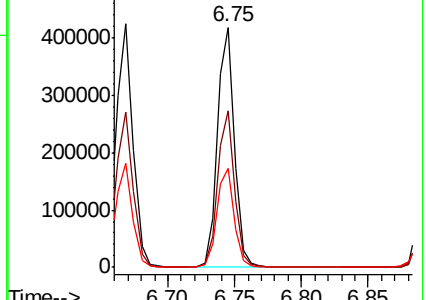
111 41.2 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.246 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

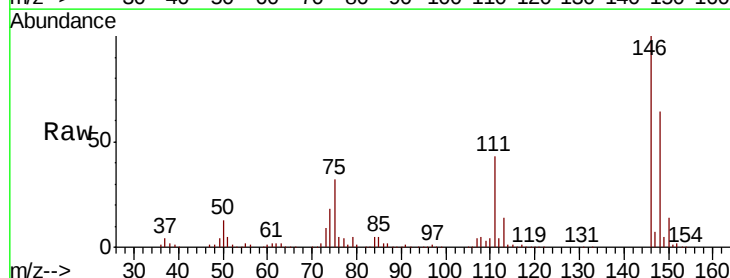
Tgt Ion:146 Resp: 352258

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

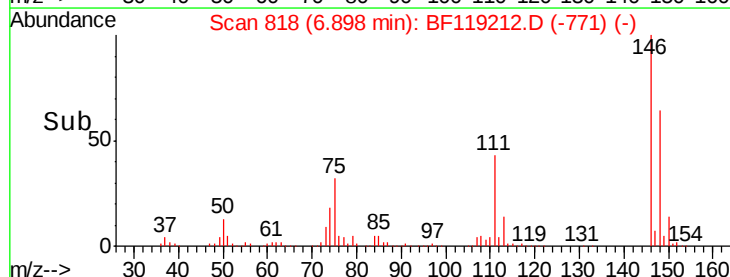
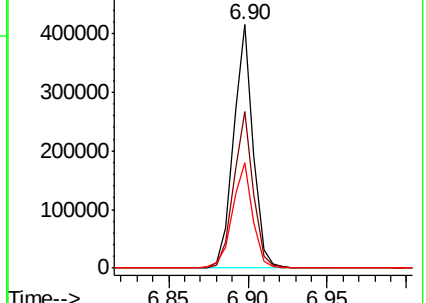
111 43.3 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.374 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

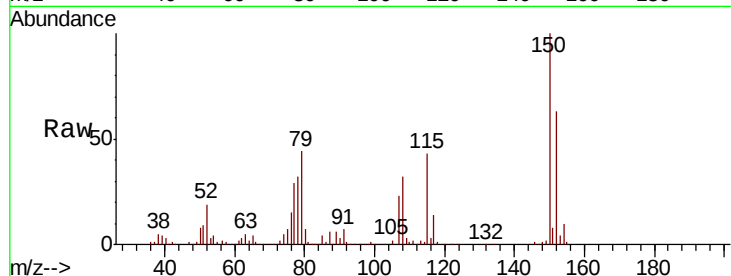
Tot Ion: 79 Resp: 286219

Ion Ratio Lower Upper

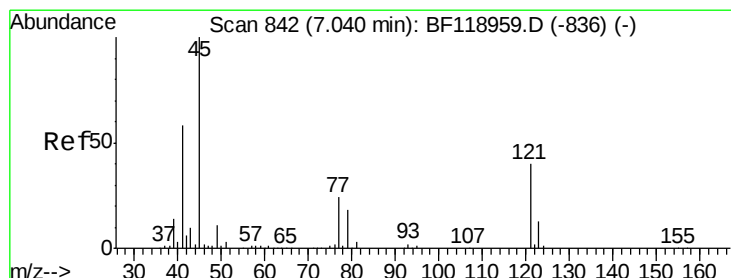
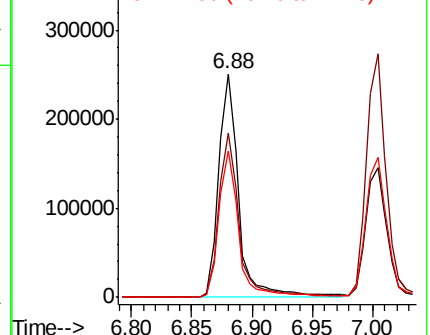
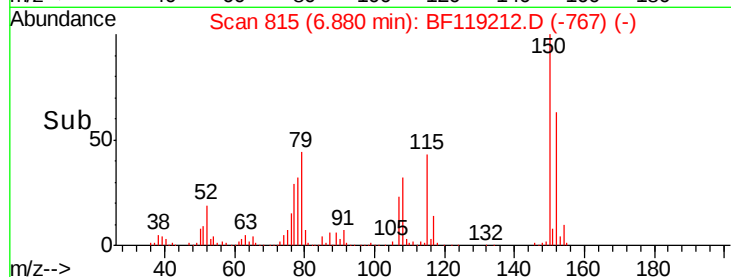
79 100

108 73.3 58.2 87.2

77 65.4 51.2 76.8



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: 43.396 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

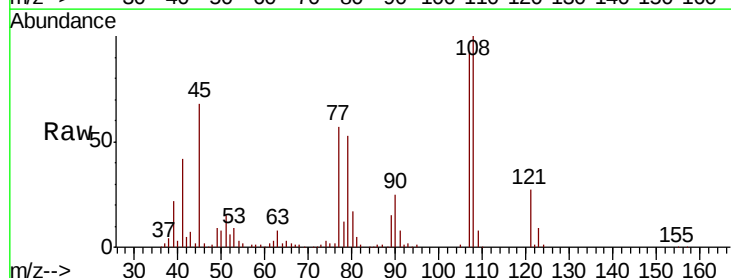
Tgt Ion: 45 Resp: 249436

Ion Ratio Lower Upper

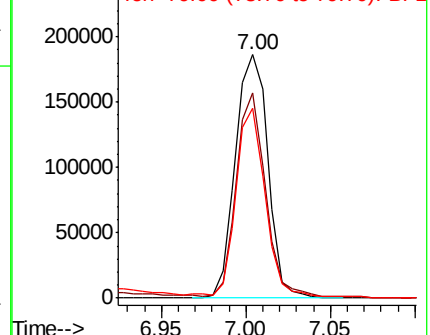
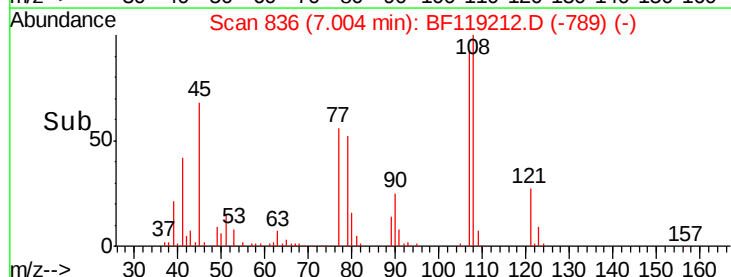
45 100

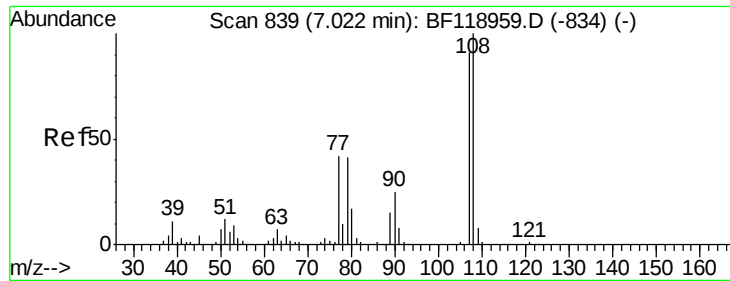
77 84.2 15.0 55.0#

79 78.1 9.4 49.4#



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

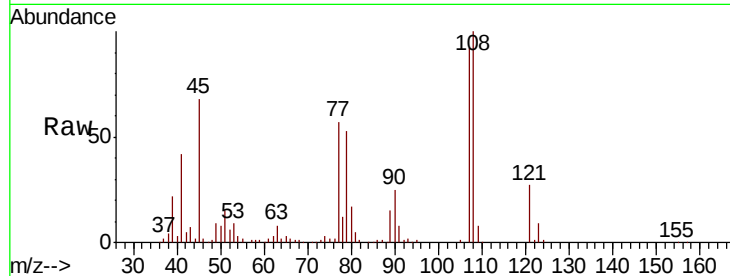




#17
2-Methylphenol
Concen: 49.064 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	283123
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.9	131.9
77	62.6	45.3	67.9
79	58.1	43.0	64.4



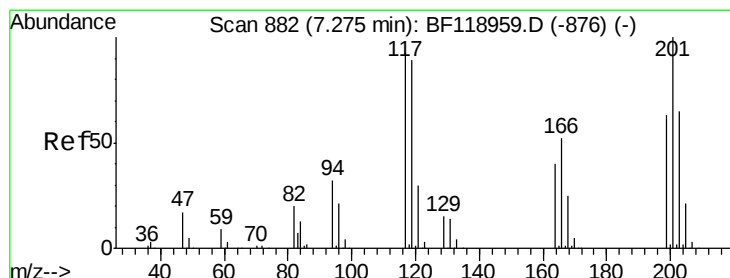
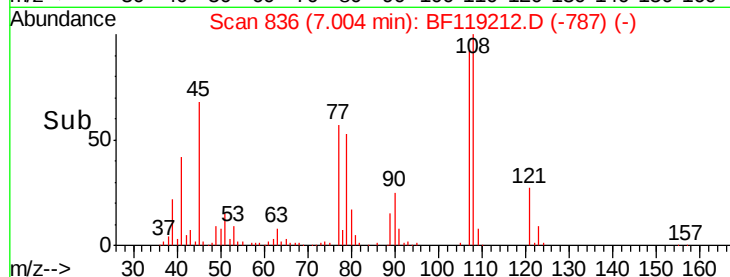
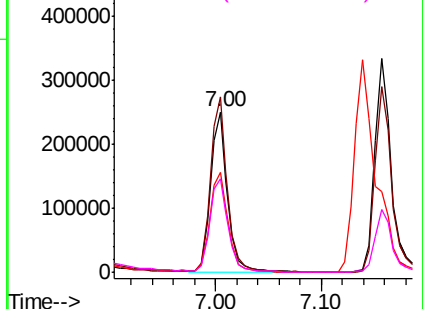
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

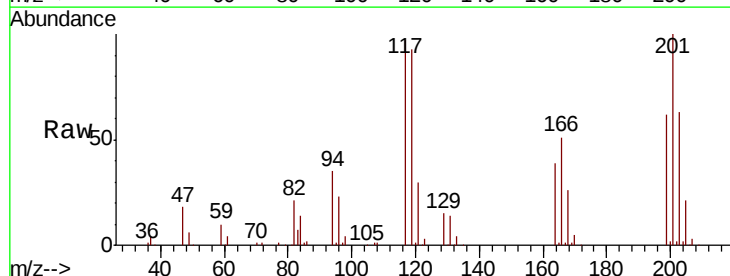
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.201 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:	117	Resp:	134993
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
201	103.0	82.6	123.8

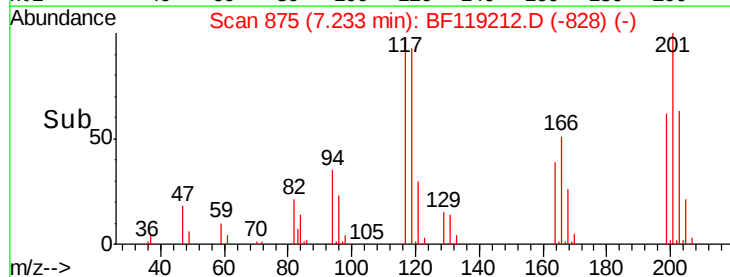
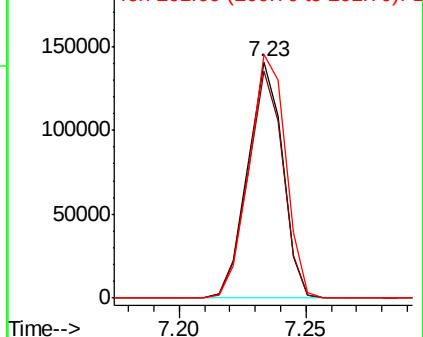


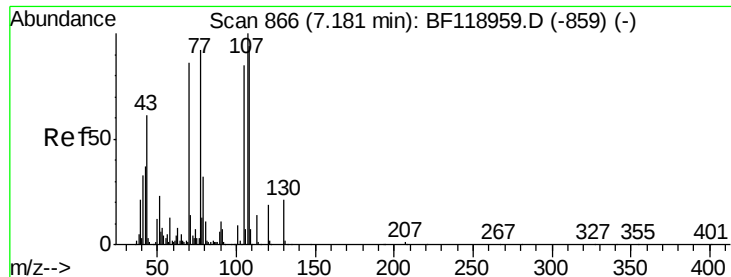
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

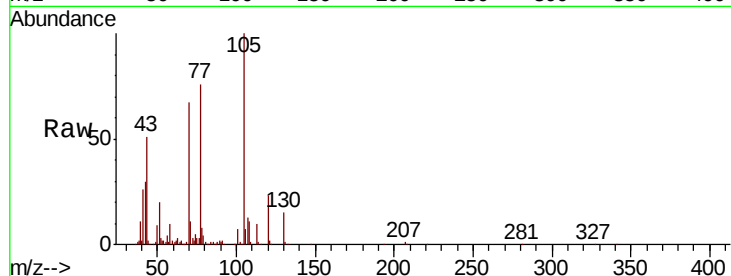




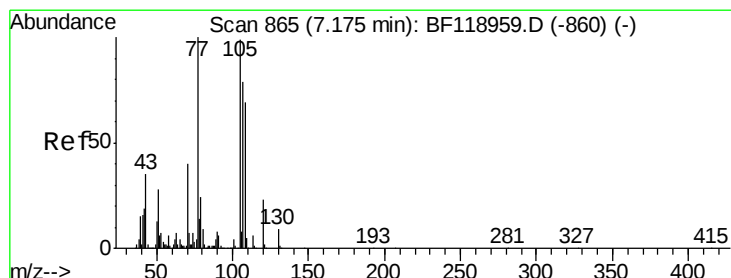
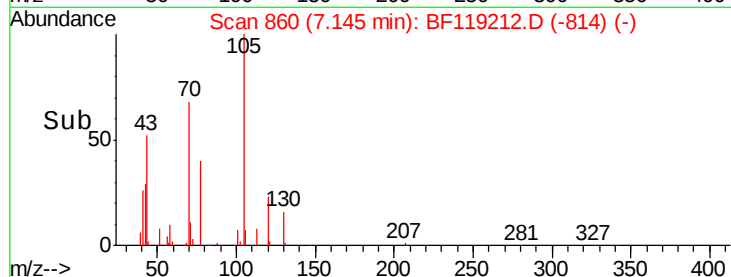
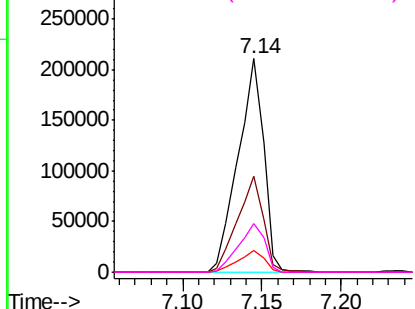
#19
n-Nitroso-di-n-propylamine
Concen: 50.583 ng
RT: 7.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 236416
Ion Ratio Lower Upper
70 100
42 44.8 38.0 57.0
101 10.0 8.2 12.4
130 23.1 18.2 27.4

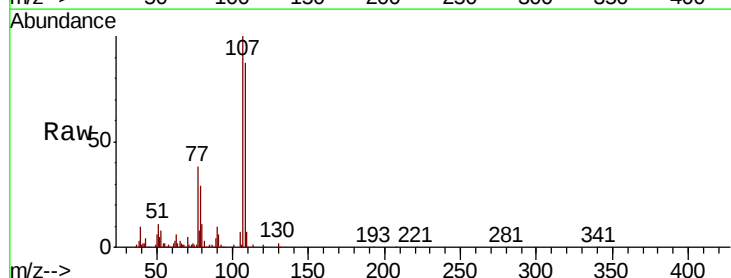


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

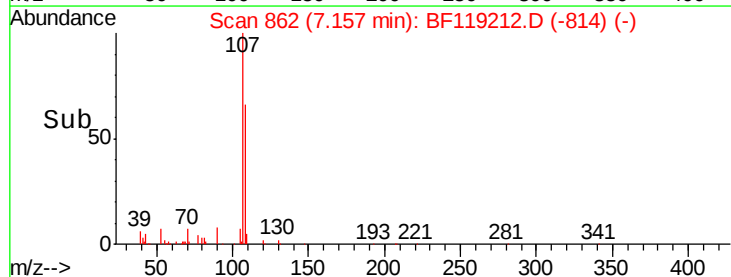
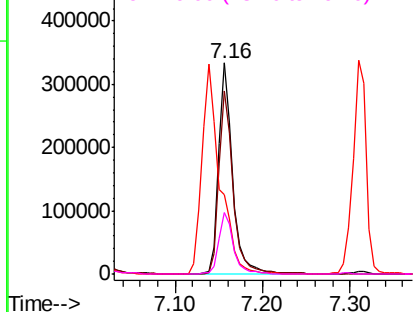


#20
3+4-Methylphenols
Concen: 52.576 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:107 Resp: 371696
Ion Ratio Lower Upper
107 100
108 87.0 71.5 111.5
77 37.8 45.9 85.9#
79 29.2 13.8 53.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425124

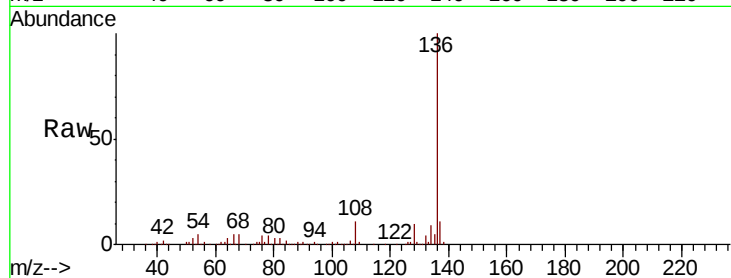
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.8 3.8 5.6

68 4.9 3.9 5.9

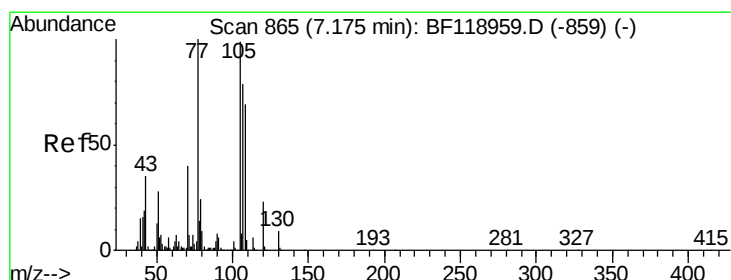
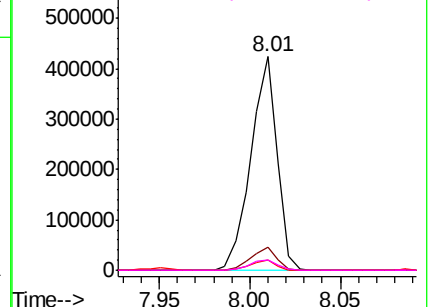
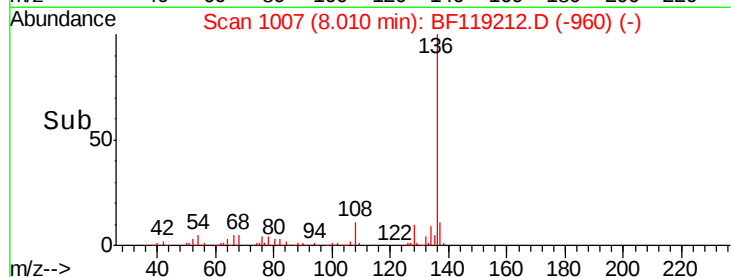


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.749 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:105 Resp: 469668

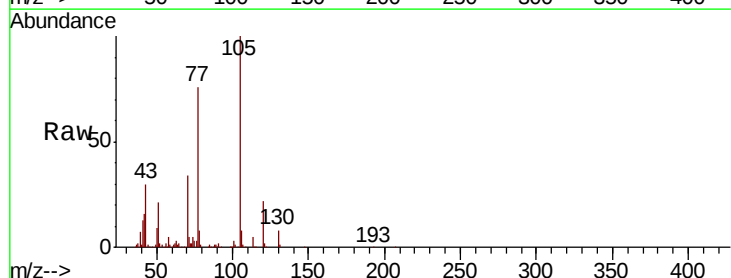
Ion Ratio Lower Upper

105 100

71 5.5 3.0 4.4#

51 20.5 20.1 30.1

120 22.5 18.0 27.0

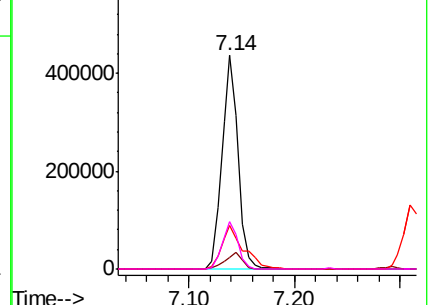
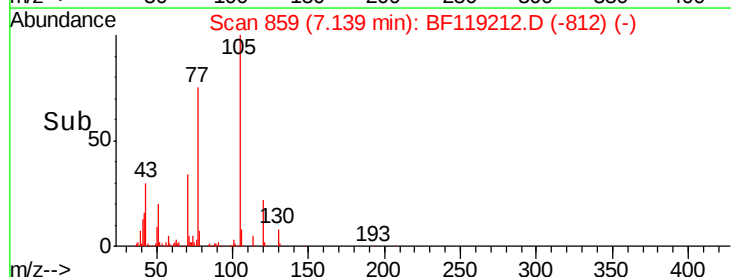


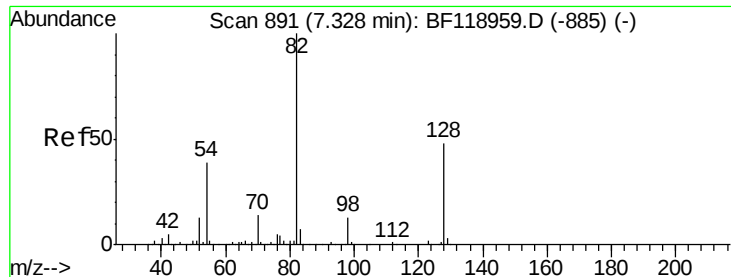
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

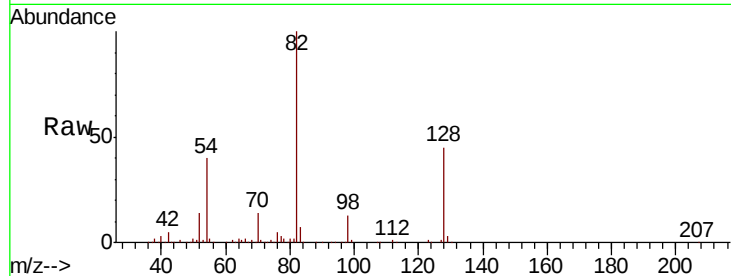




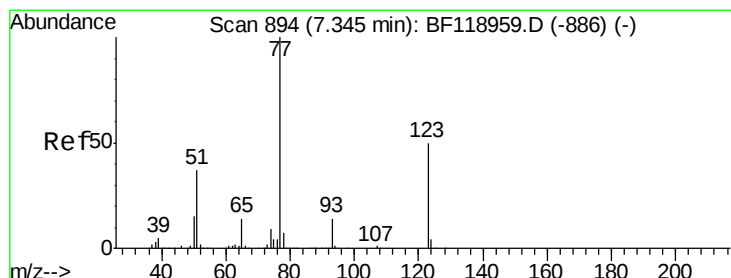
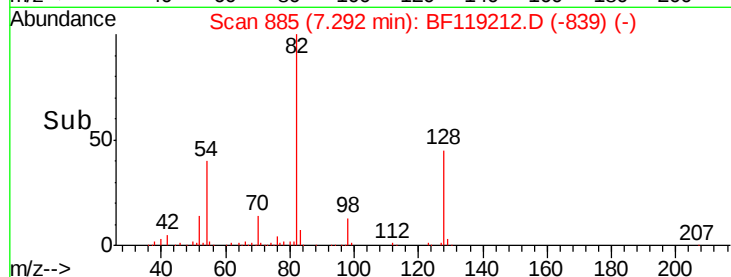
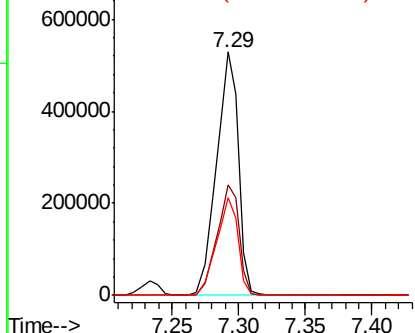
#23
 Nitrobenzene-d5
 Concen: 75.945 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 611479
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.9 56.9
 54 40.3 33.4 50.2

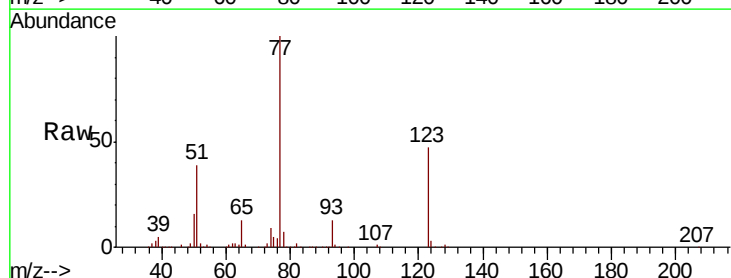


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

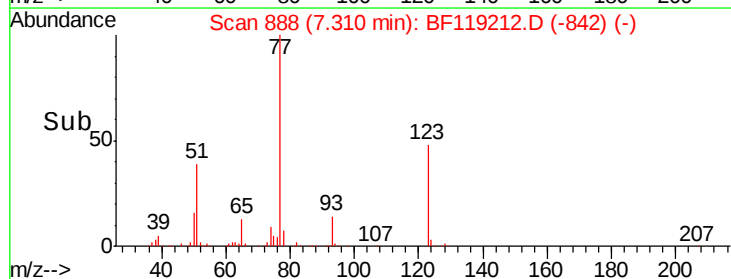
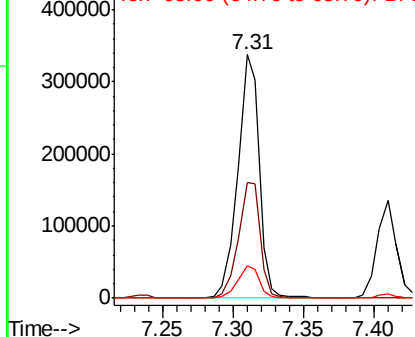


#24
 Nitrobenzene
 Concen: 44.518 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion: 77 Resp: 354460
 Ion Ratio Lower Upper
 77 100
 123 47.4 40.2 60.2
 65 13.4 10.8 16.2



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: 46.108 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

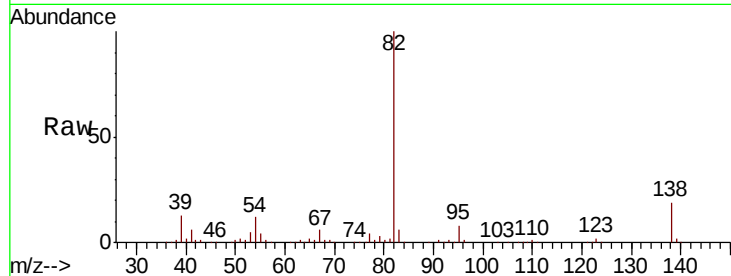
Tot Ion: 82 Resp: 644743

Ion Ratio Lower Upper

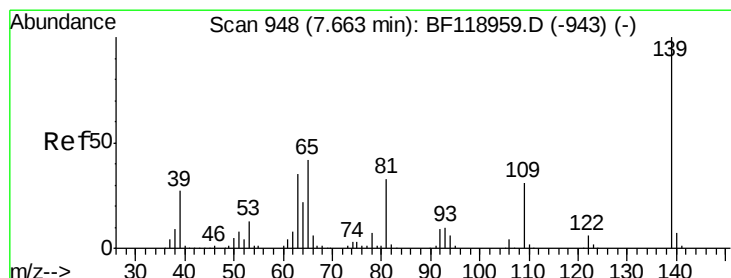
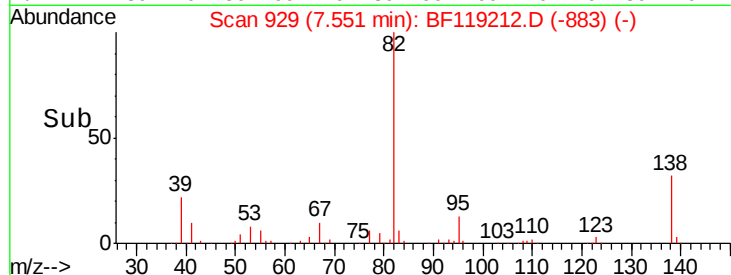
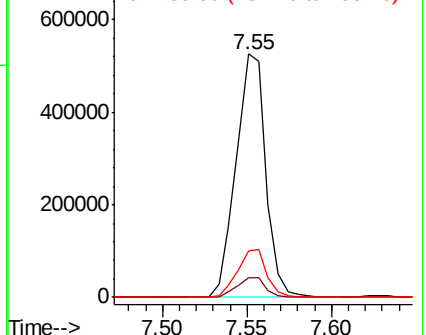
82 100

95 8.0 6.4 9.6

138 18.9 15.7 23.5



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



#26

2-Nitrophenol

Concen: 45.974 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

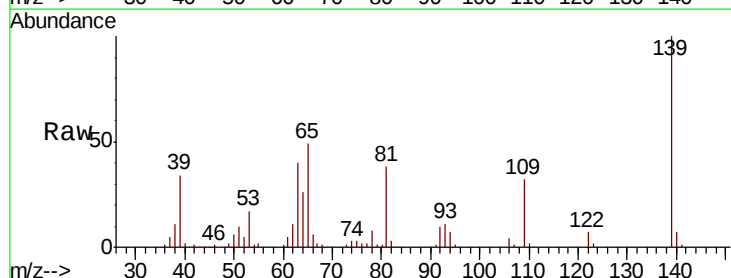
Tgt Ion: 139 Resp: 193955

Ion Ratio Lower Upper

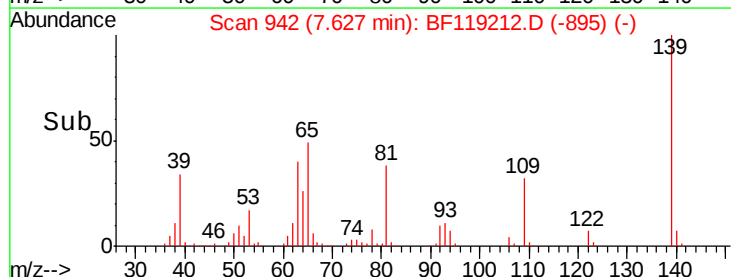
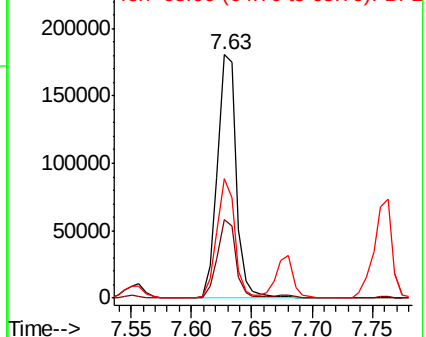
139 100

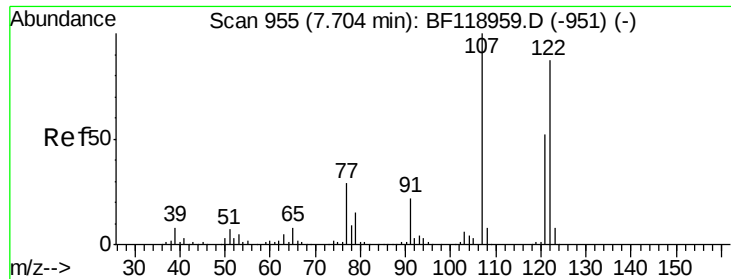
109 32.4 25.7 38.5

65 49.2 37.1 55.7



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

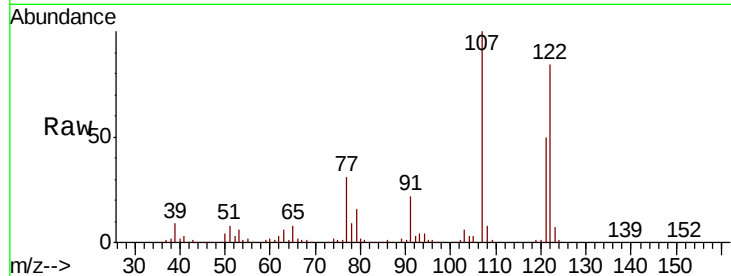




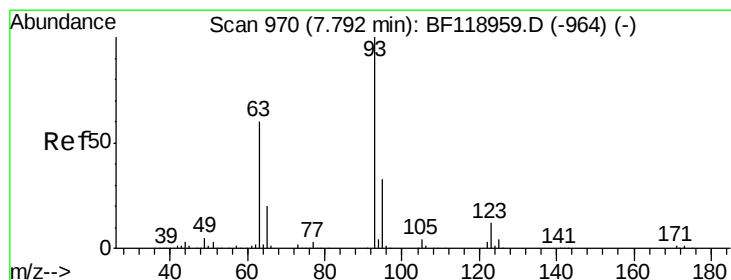
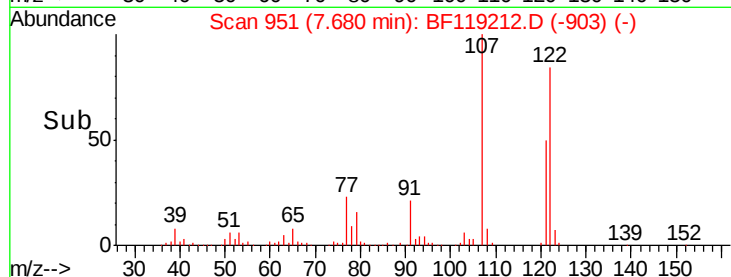
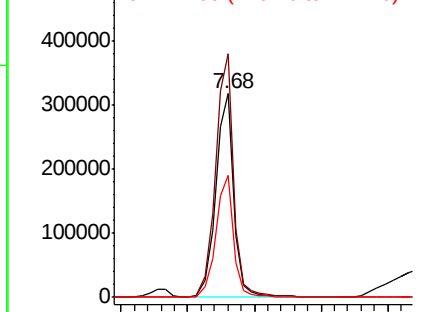
#27
2,4-Dimethylphenol
Concen: 53.079 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 303912
Ion Ratio Lower Upper
122 100
107 119.5 93.8 140.6
121 59.7 48.2 72.2

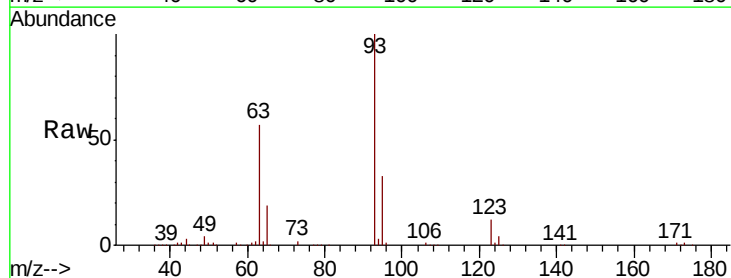


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

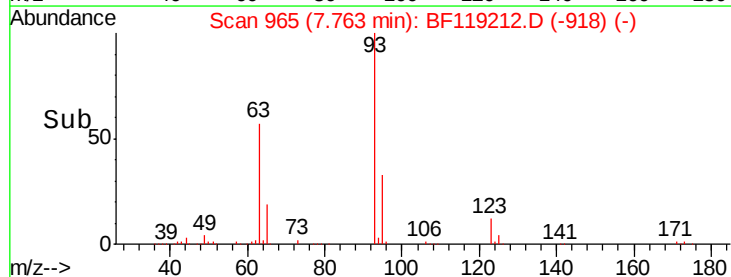
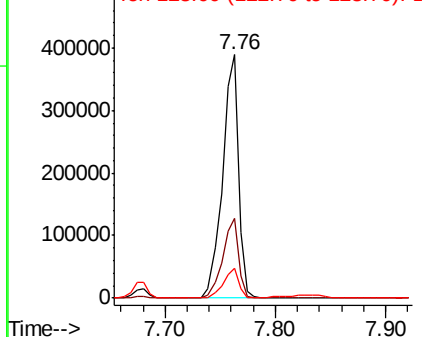


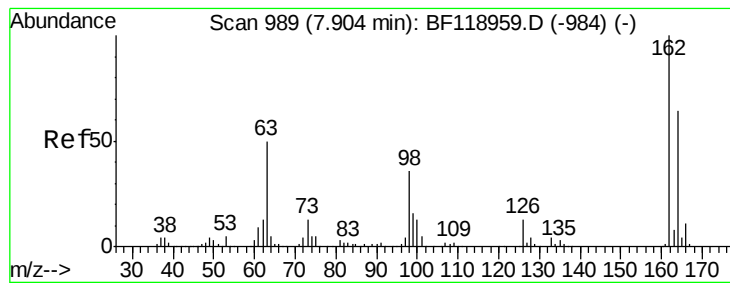
#28
bis(2-Chloroethoxy)methane
Concen: 43.300 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion: 93 Resp: 394100
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 12.2 10.2 15.2



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: 45.431 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

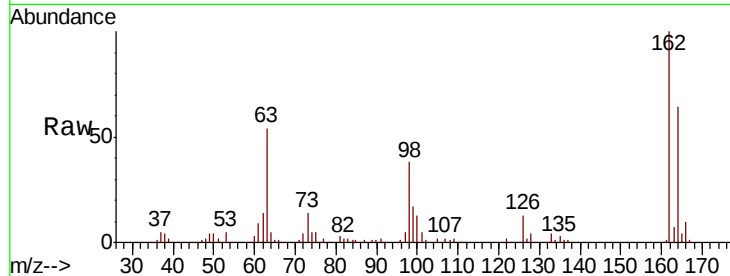
Tot Ion:162 Resp: 306222

Ion Ratio Lower Upper

162 100

164 63.9 45.2 85.2

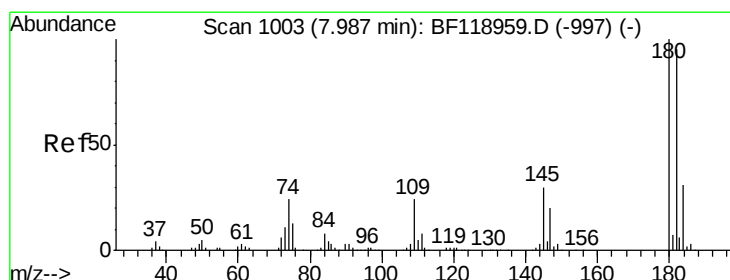
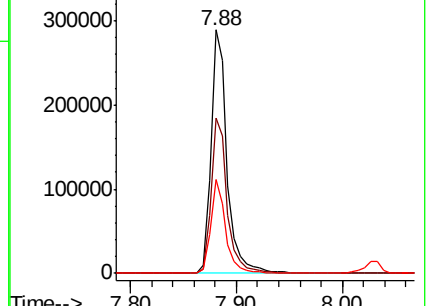
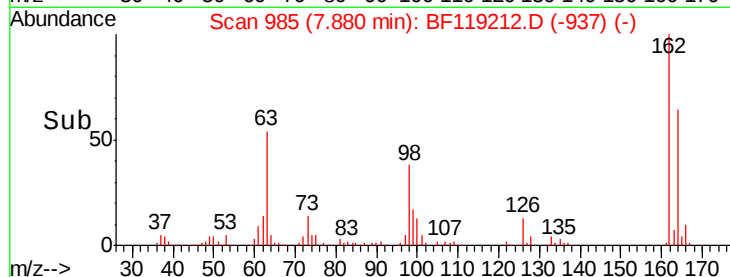
98 38.5 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.038 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

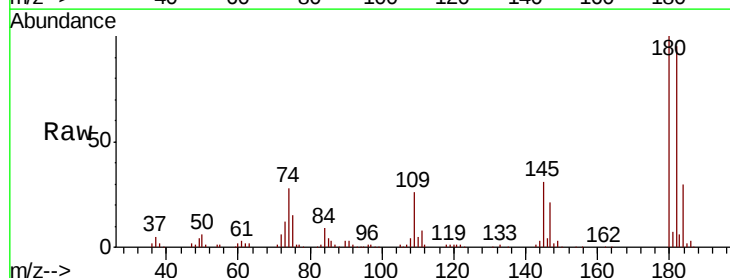
Tgt Ion:180 Resp: 335952

Ion Ratio Lower Upper

180 100

182 95.2 77.8 116.6

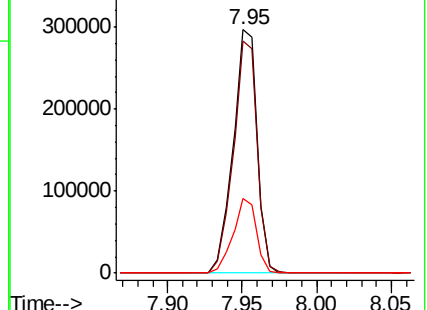
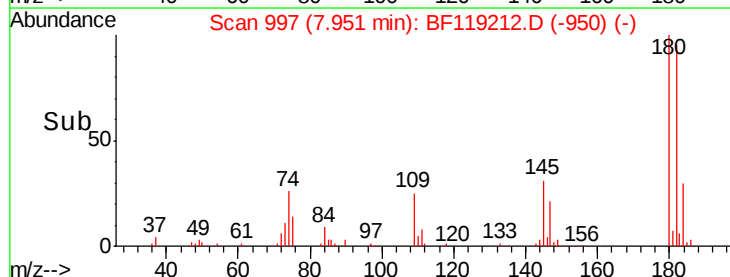
145 30.6 25.2 37.8

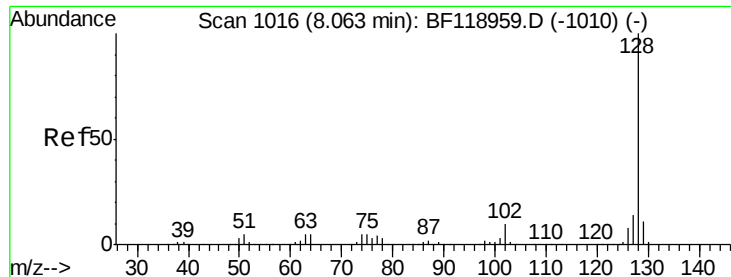


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

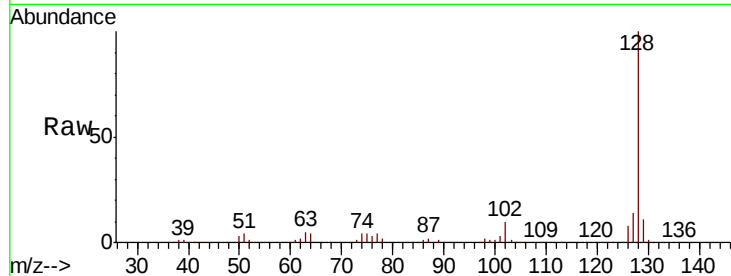




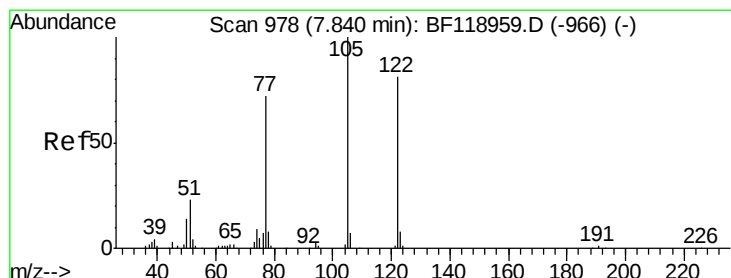
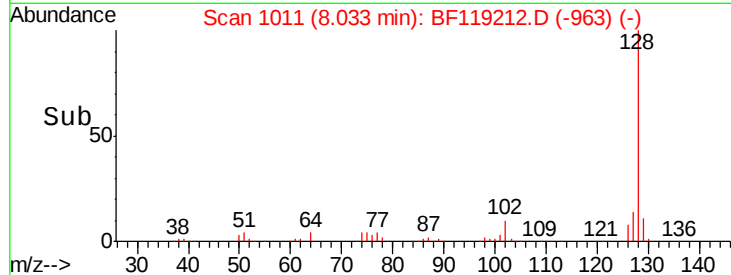
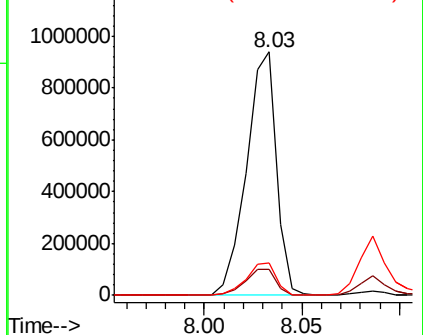
#31
Naphthalene
Concen: 45.320 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 999191
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.5 11.4 17.2

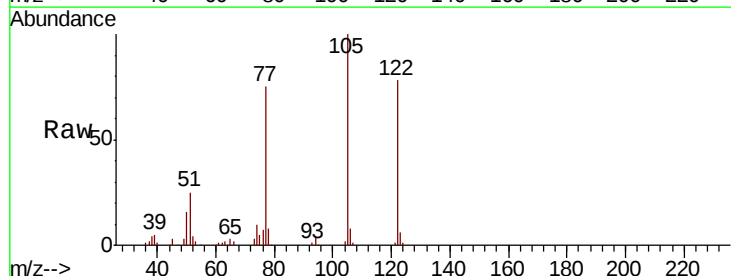


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

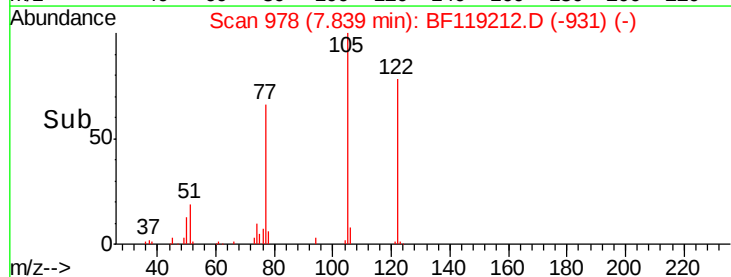
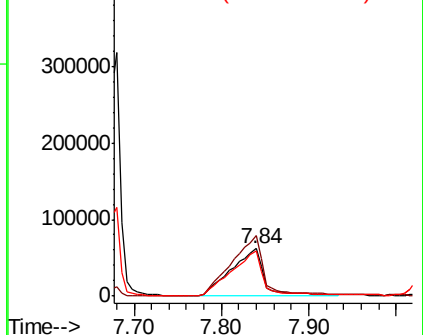


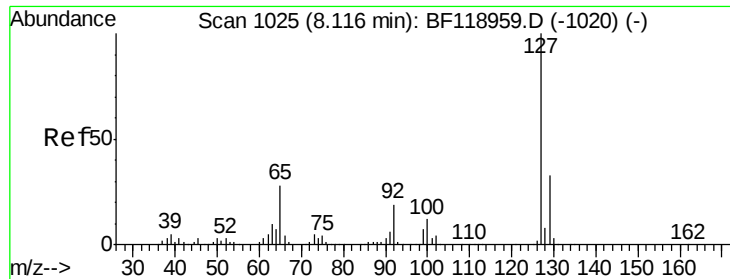
#32
Benzoic acid
Concen: 40.106 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:122 Resp: 162223
Ion Ratio Lower Upper
122 100
105 128.7 106.3 146.3
77 97.0 73.1 113.1



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

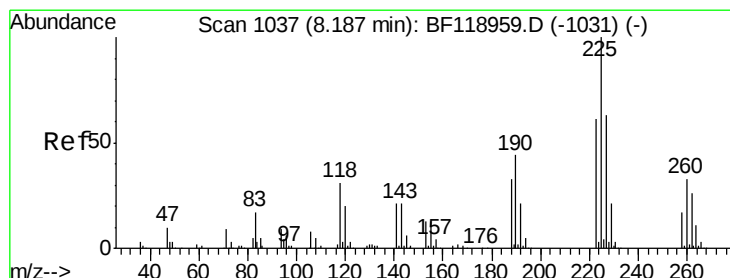
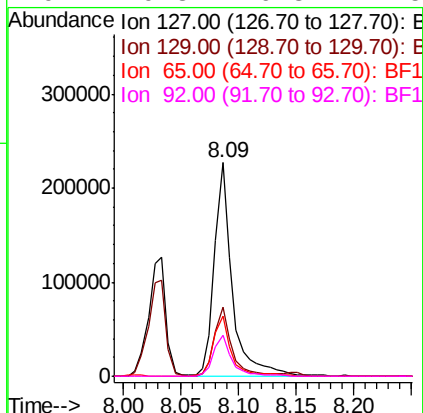
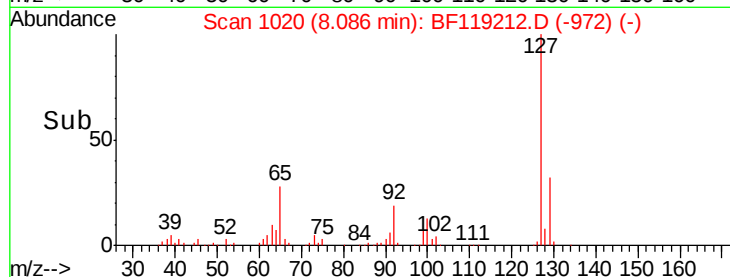
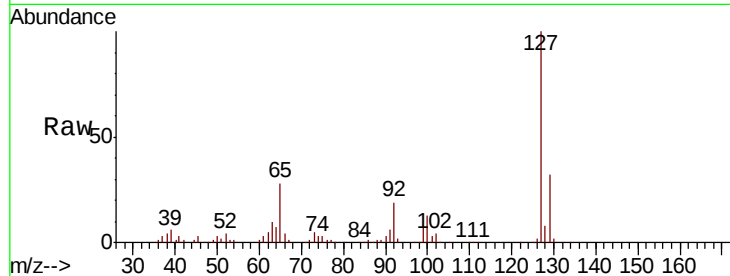




#33
4-Chloroaniline
Concen: 25.694 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

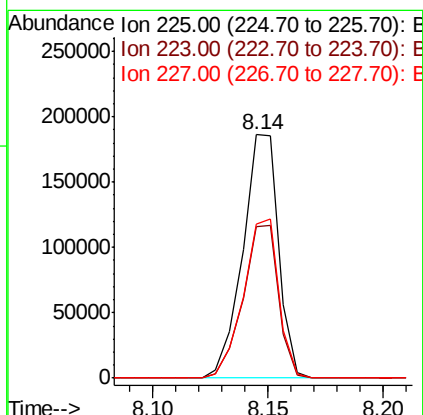
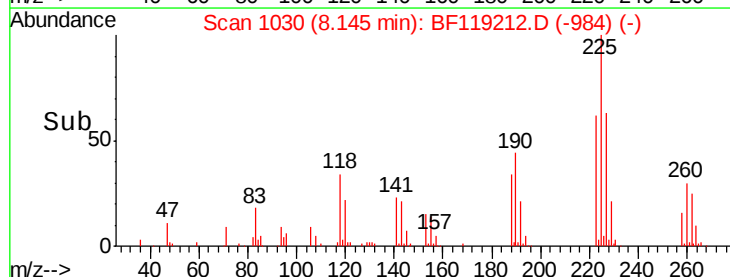
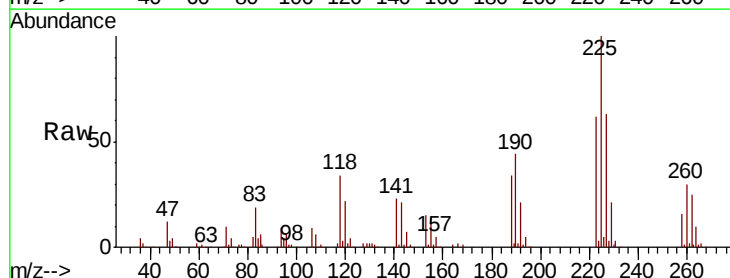
Instrument :
BNA_F
ClientSampleId :

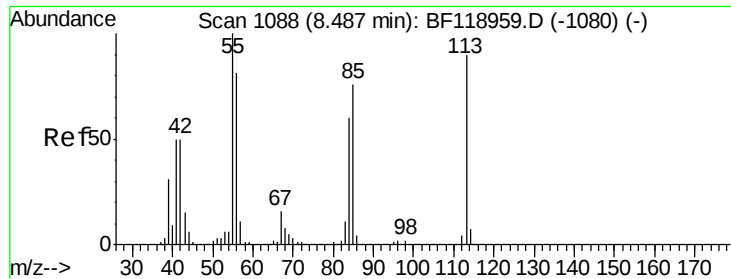
Tot Ion:	127	Resp:	243652
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.2	23.9	35.9
92	19.3	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.689 ng
RT: 8.14 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:	225	Resp:	202552
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.2
227	63.4	52.9	79.3

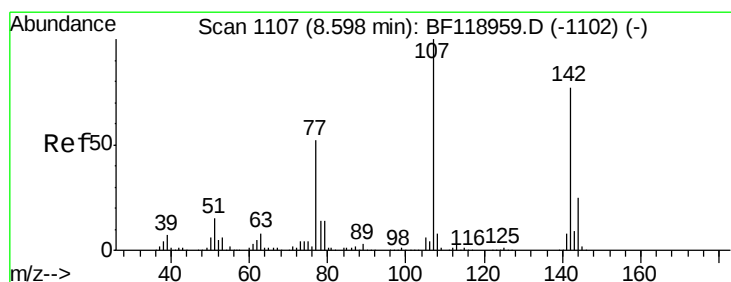
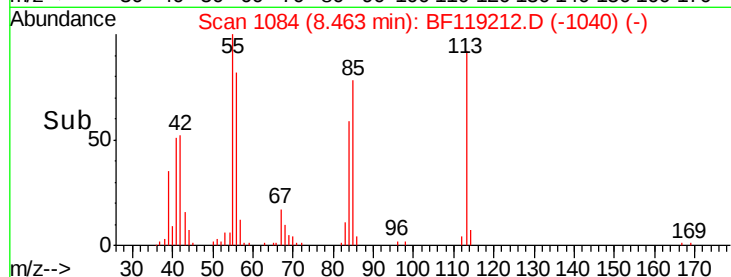
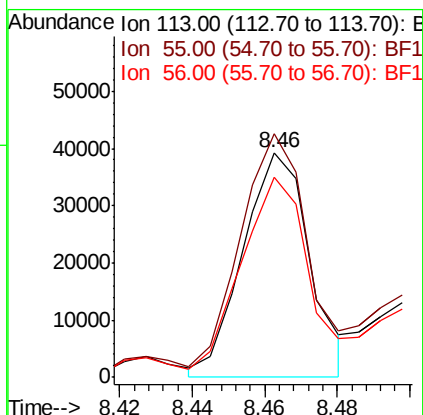
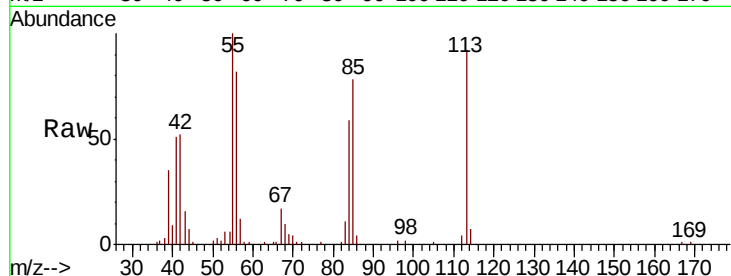




#35
 Caprolactam
 Concen: 24.195 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

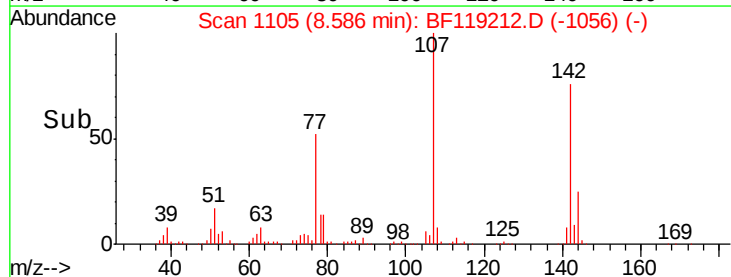
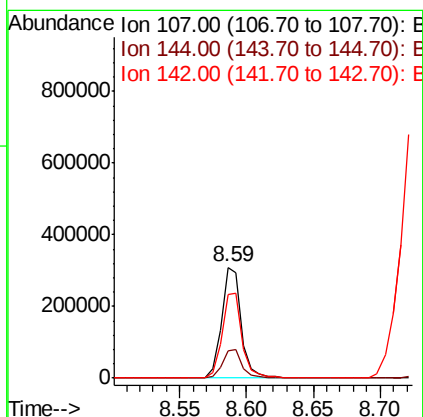
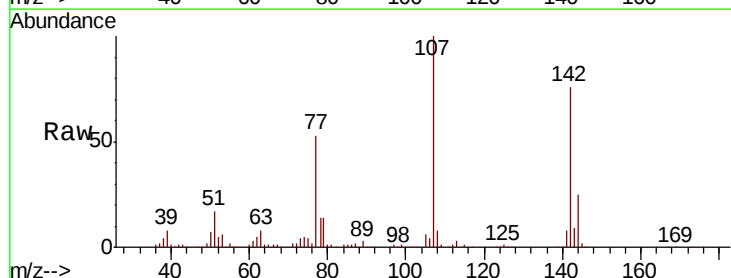
Instrument :
 BNA_F
 ClientSampleId :

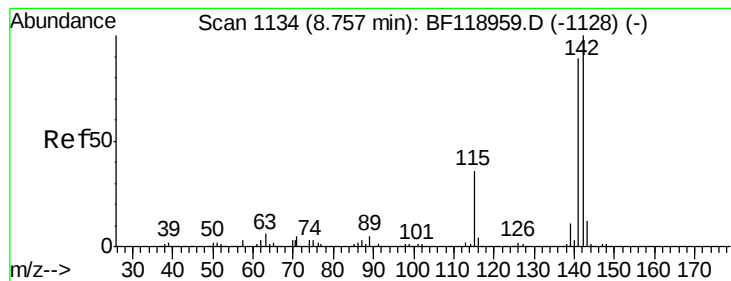
Tot Ion:113 Resp: 50217
 Ion Ratio Lower Upper
 113 100
 55 108.3 95.7 135.7
 56 89.1 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.512 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion:107 Resp: 324111
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.1 30.1
 142 75.9 61.4 92.2

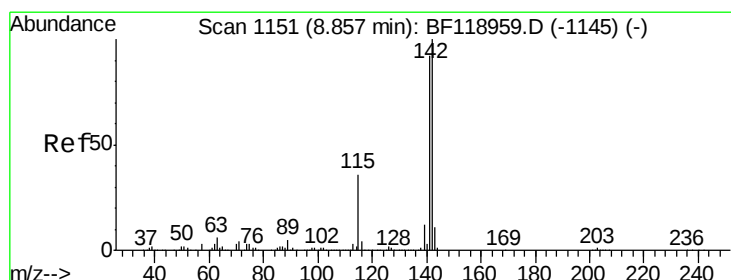
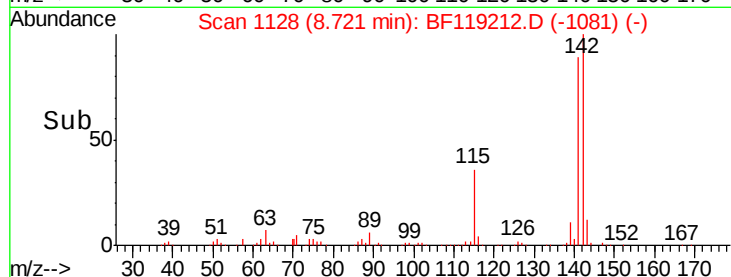
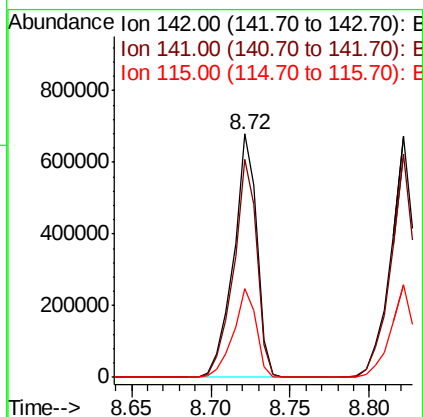
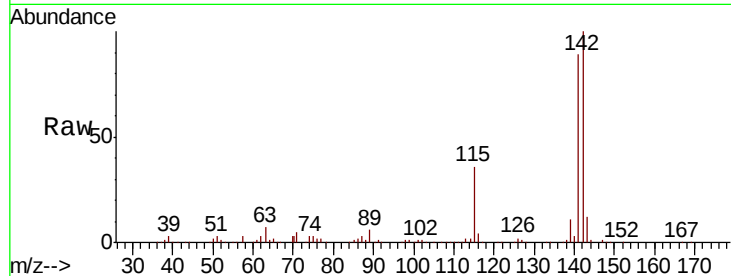




#37
2-Methylnaphthalene
Concen: 46.704 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

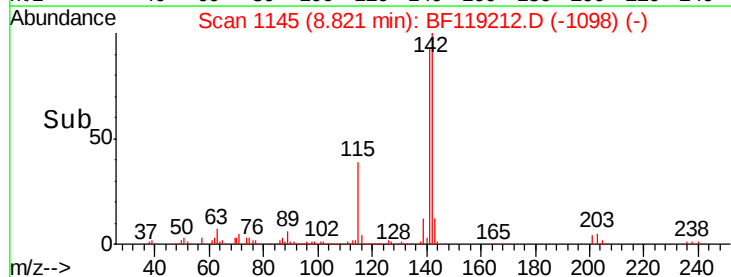
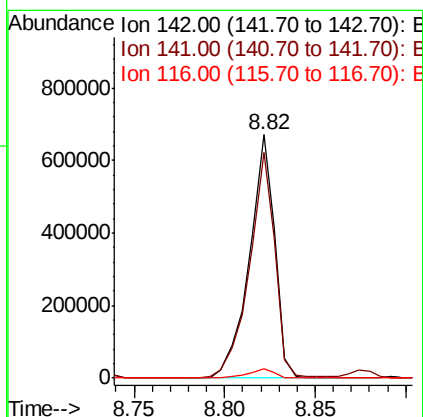
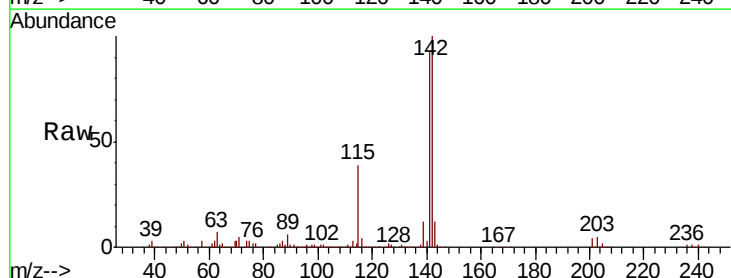
Instrument :
BNA_F
ClientSampleId :

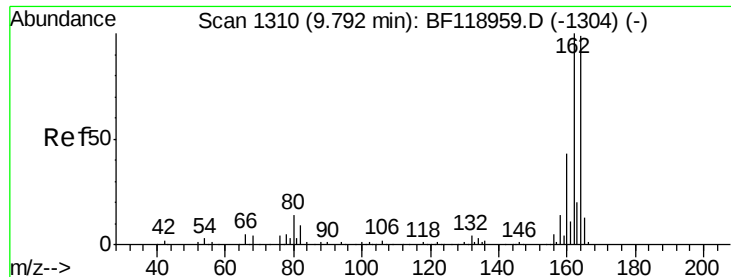
Tot Ion:142 Resp: 692970
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5
115 36.5 30.6 45.8



#38
1-Methylnaphthalene
Concen: 46.523 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:142 Resp: 649179
Ion Ratio Lower Upper
142 100
141 92.8 75.8 113.6
116 4.1 3.1 4.7

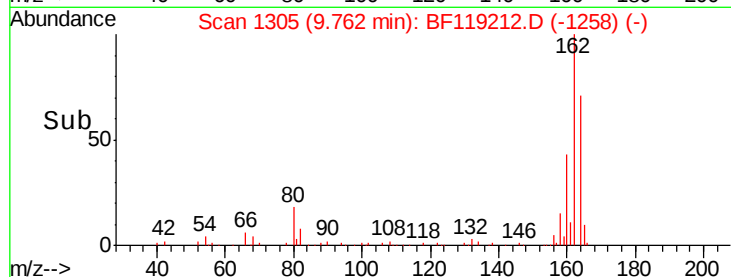
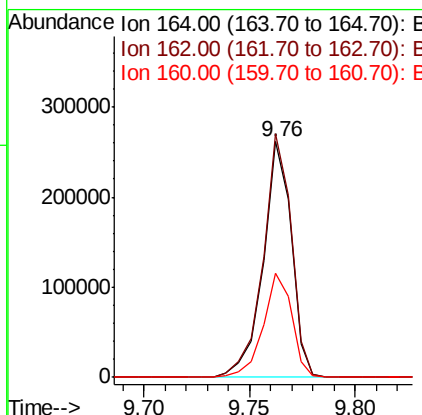
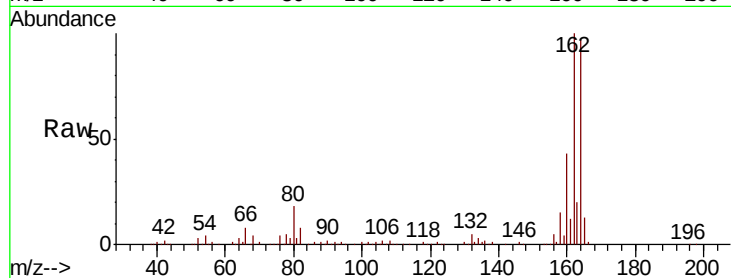




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

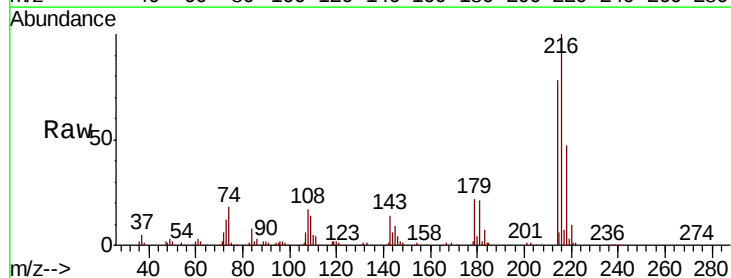
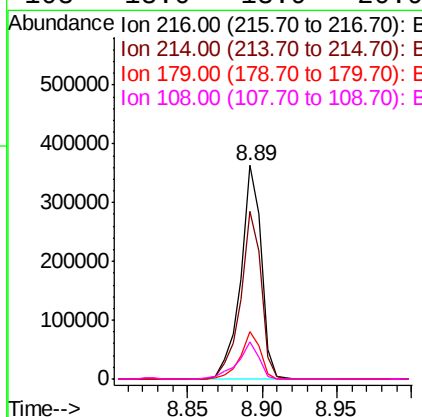
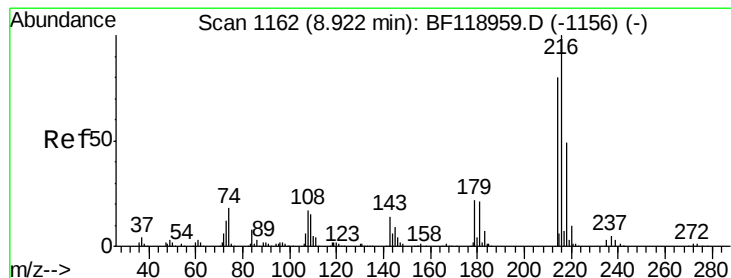
Instrument :
 BNA_F
 ClientSampleId :

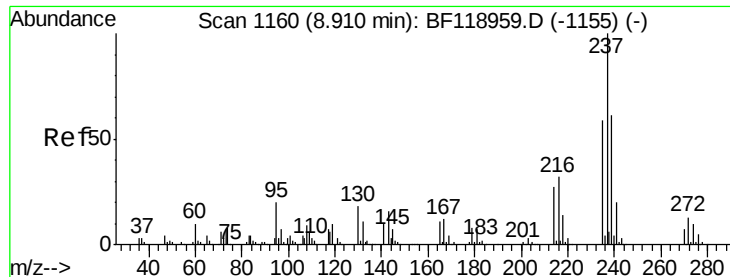
Tot Ion:164 Resp: 243528
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.8
 160 44.3 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.363 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion:216 Resp: 347835
 Ion Ratio Lower Upper
 216 100
 214 78.4 63.3 94.9
 179 21.7 17.7 26.5
 108 18.0 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 60.887 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampled :

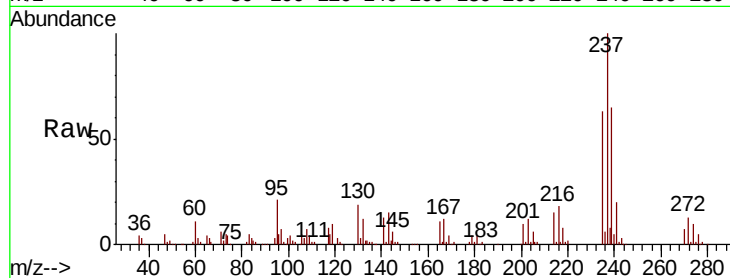
Tot Ion:237 Resp: 174374

Ion Ratio Lower Upper

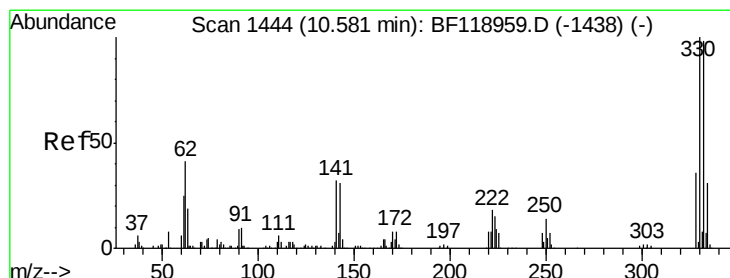
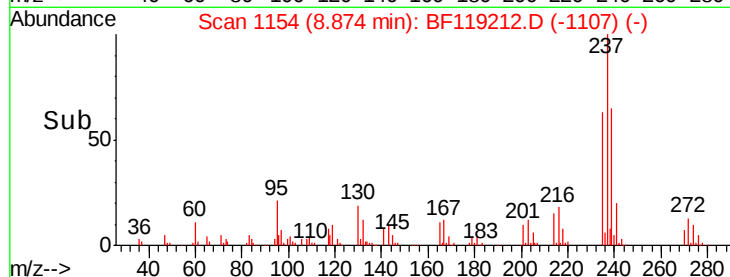
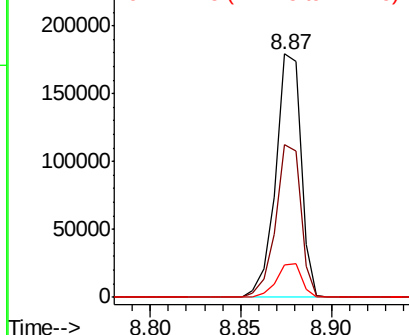
237 100

235 62.9 42.3 82.3

272 13.3 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 121.303 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

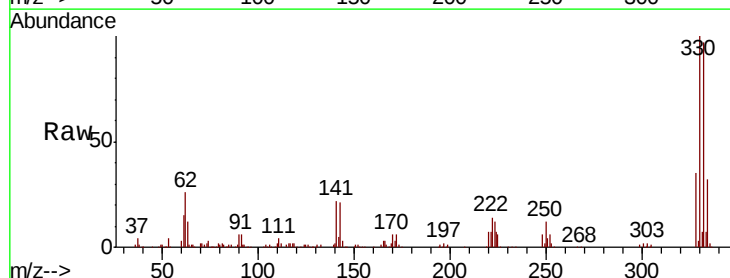
Tgt Ion:330 Resp: 386443

Ion Ratio Lower Upper

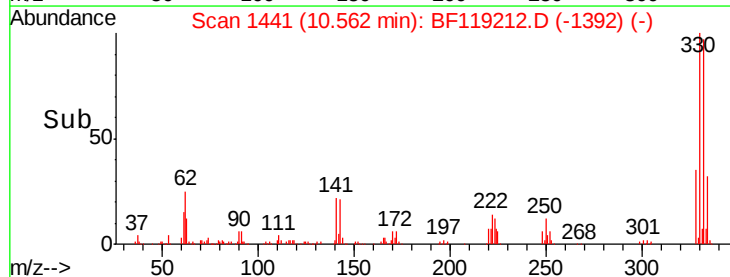
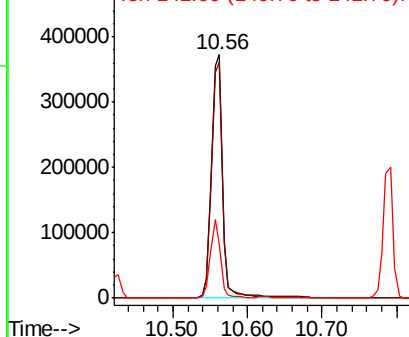
330 100

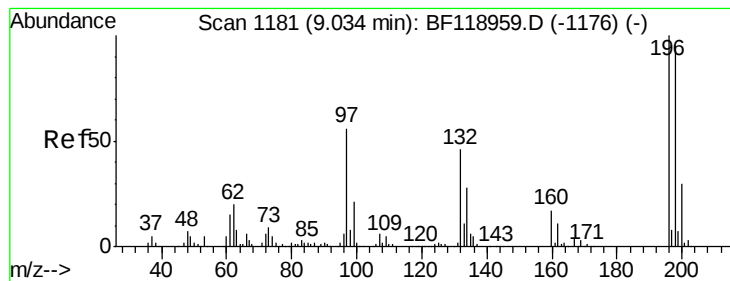
332 97.3 76.0 114.0

141 29.5 22.9 34.3



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





#43

2,4,6-Trichlorophenol

Concen: 41.384 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

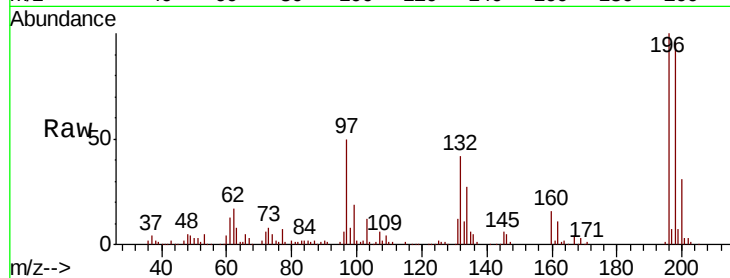
Tot Ion:196 Resp: 214578

Ion Ratio Lower Upper

196 100

198 95.8 77.1 115.7

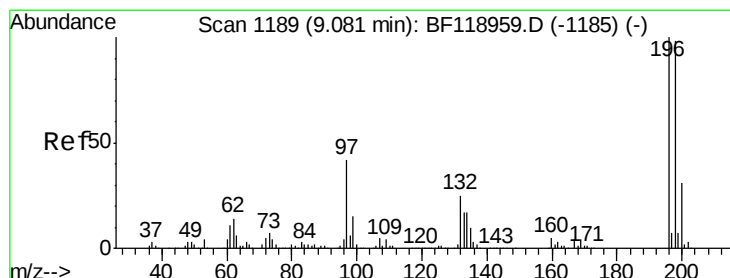
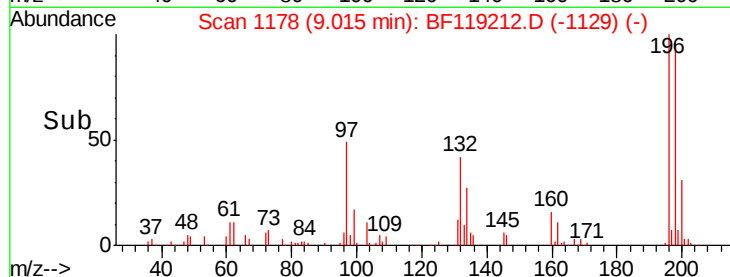
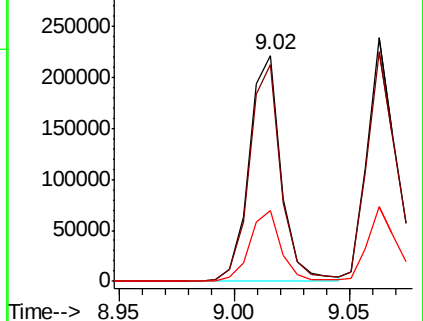
200 31.4 25.0 37.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.424 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:196 Resp: 225387

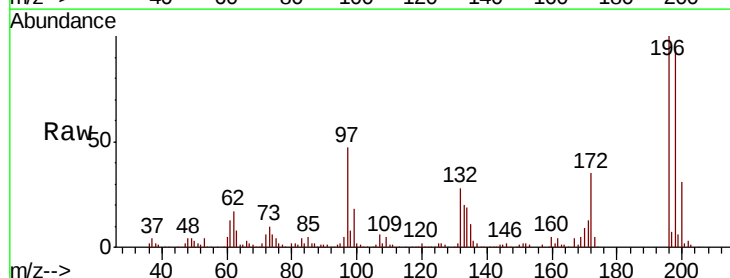
Ion Ratio Lower Upper

196 100

198 94.2 76.8 115.2

97 47.0 38.5 57.7

132 27.8 22.2 33.4

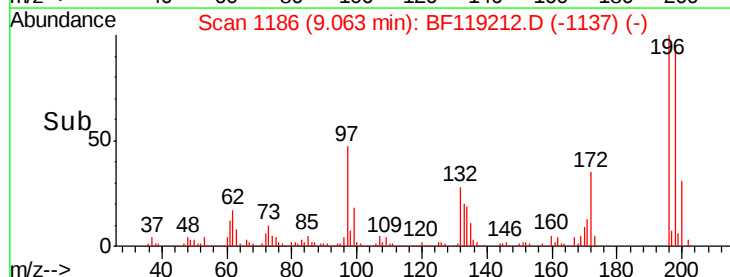
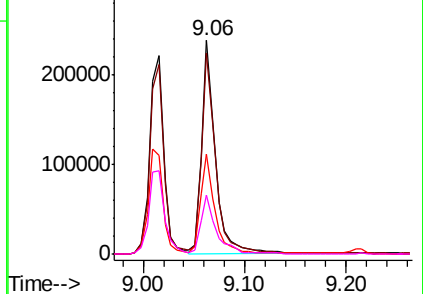


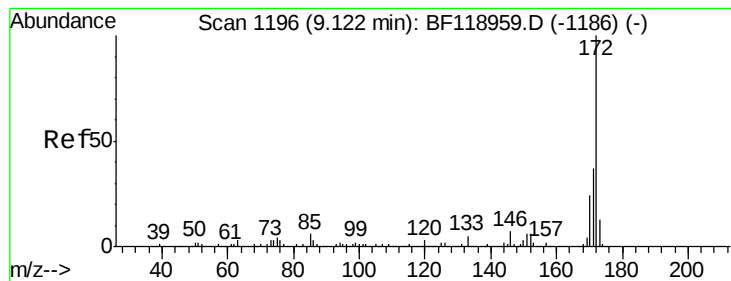
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



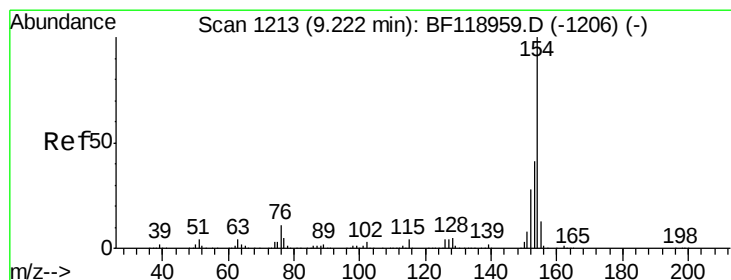
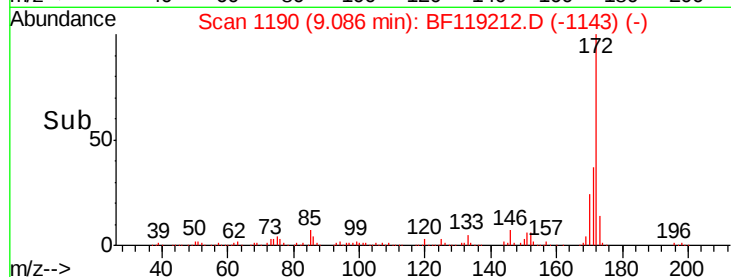
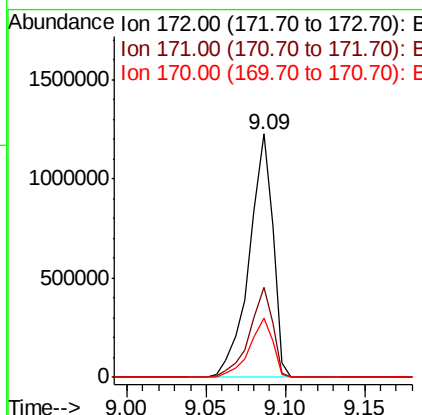
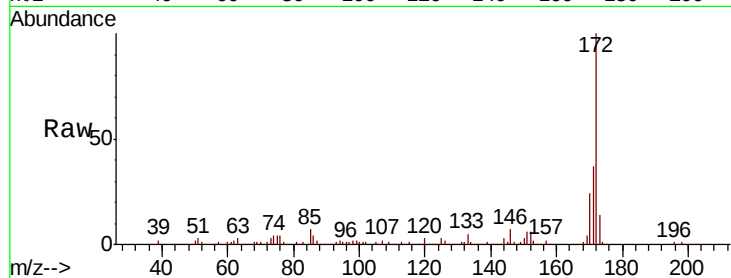


#45
2-Fluorobiphenyl
Concen: 76.799 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1269557

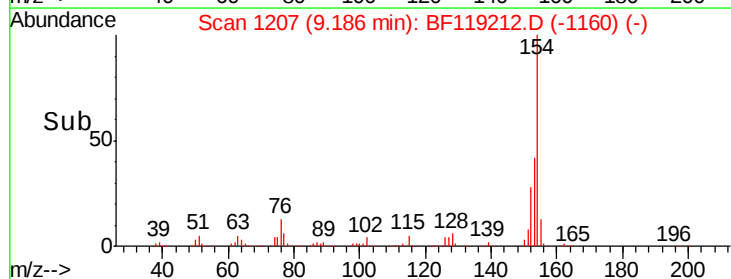
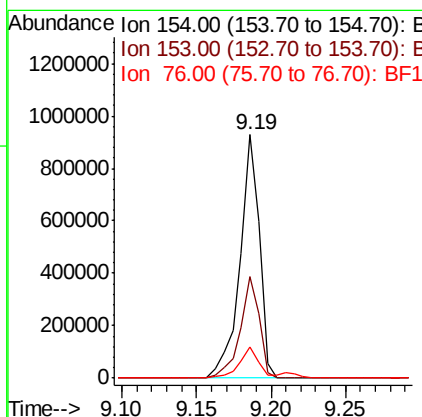
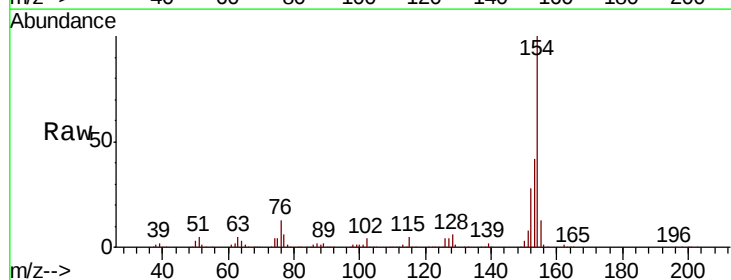
Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.2	20.2	30.2

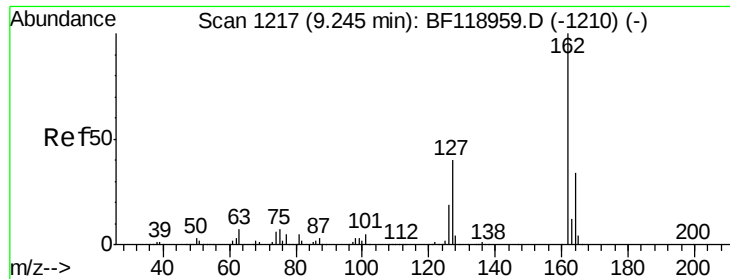


#46
1,1'-Biphenyl
Concen: 42.738 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:154 Resp: 841167

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.6	0.0	32.2

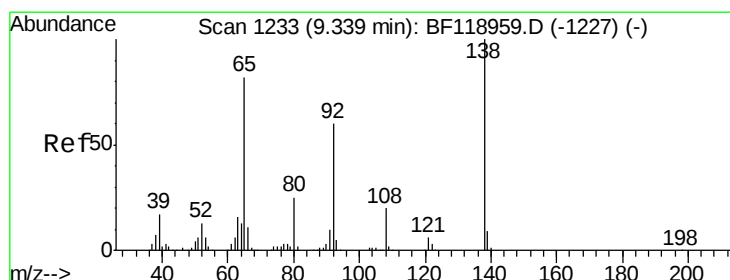
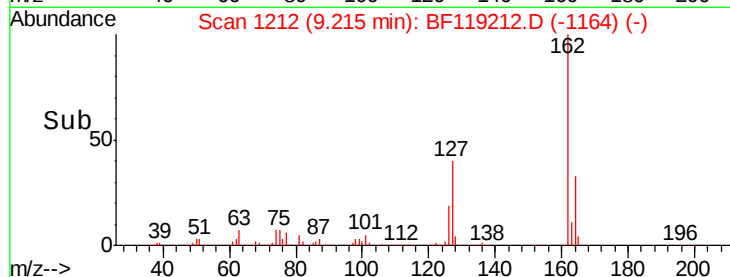
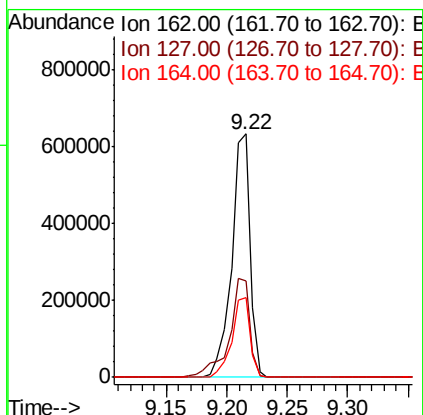
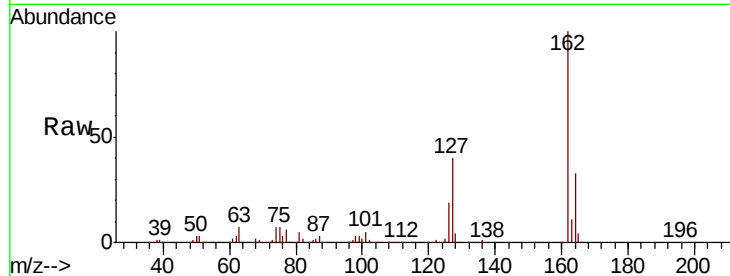




#47
 2-Chloronaphthalene
 Concen: 42.574 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

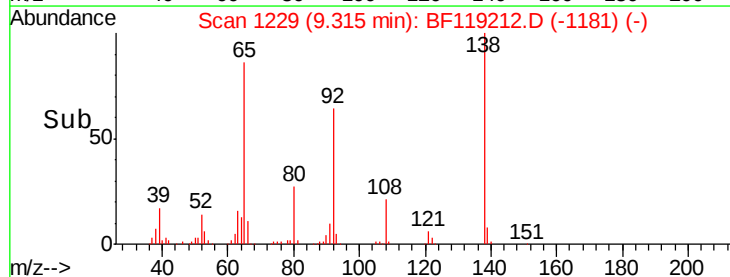
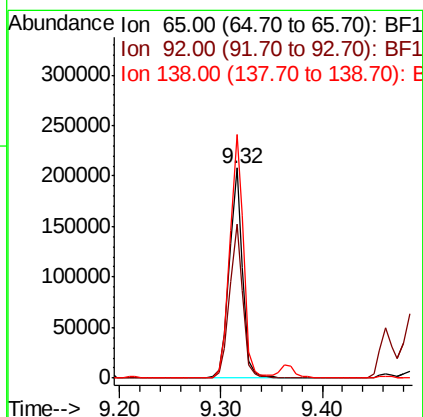
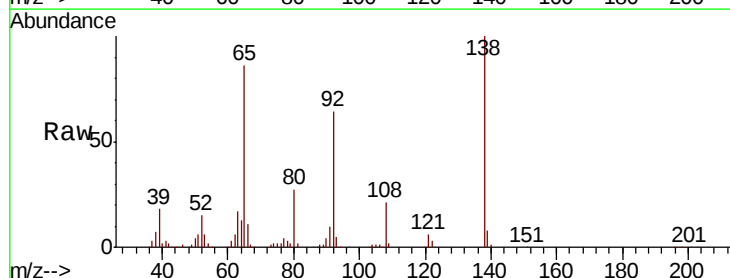
Instrument :
 BNA_F
 ClientSampleId :

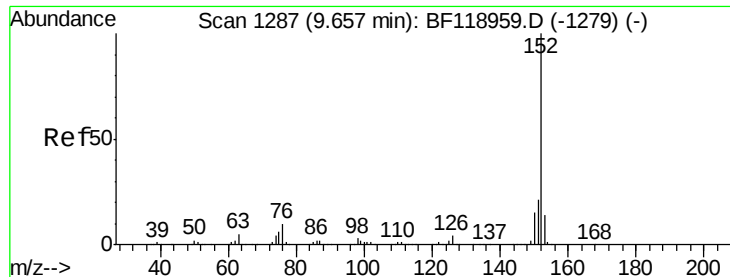
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	35.0	52.4
164	32.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 43.053 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	58.2	87.2
138	116.0	95.6	143.4





#49

Acenaphthylene

Concen: 45.242 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

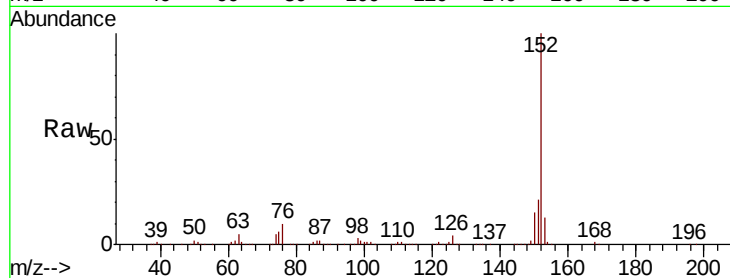
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1036379

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.3	11.0	16.6

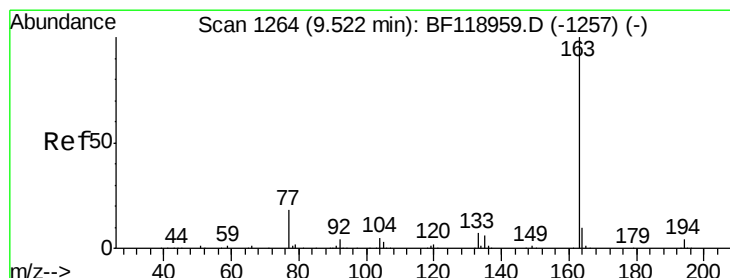
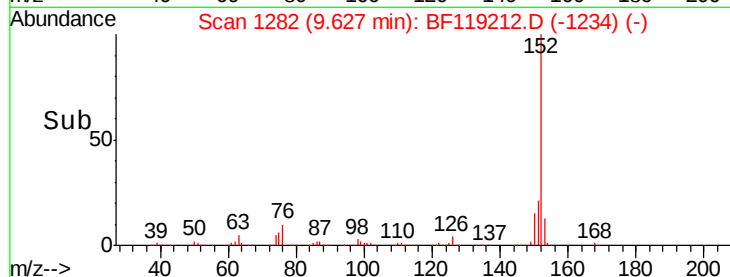
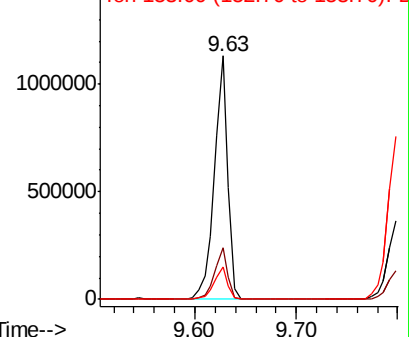


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.540 ng

RT: 9.49 min Scan# 1259

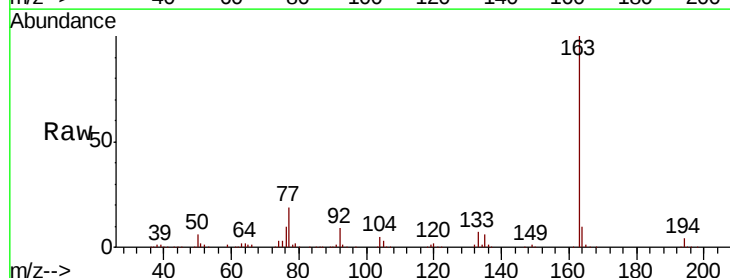
Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:163 Resp: 829435

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.4	12.6

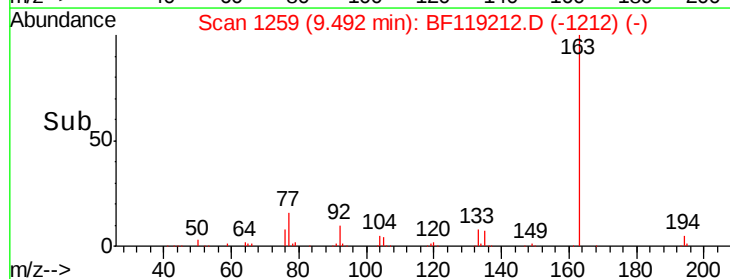
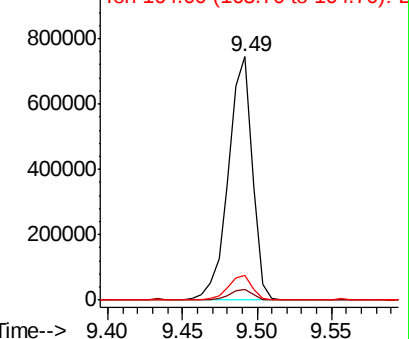


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

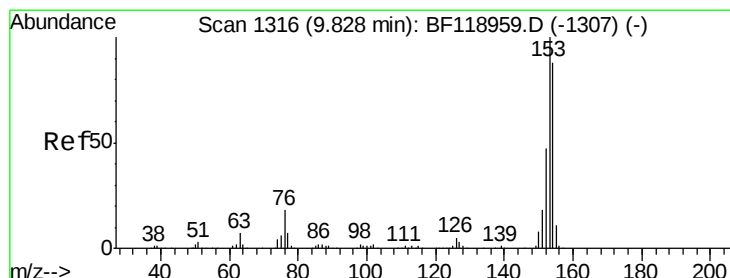
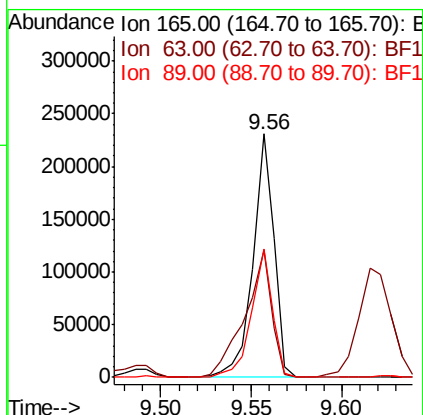
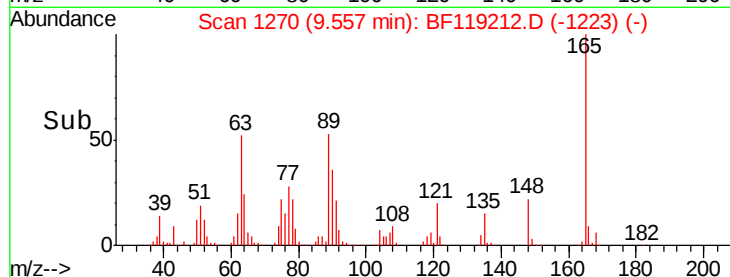
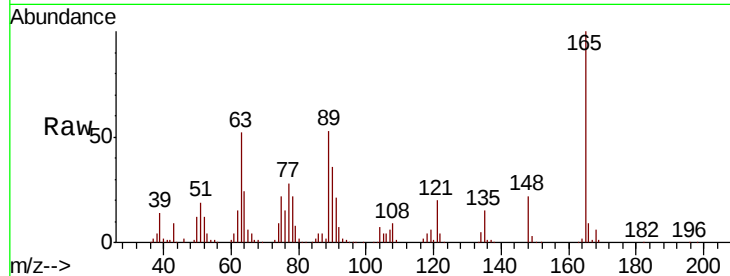




#51
 2,6-Dinitrotoluene
 Concen: 44.778 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

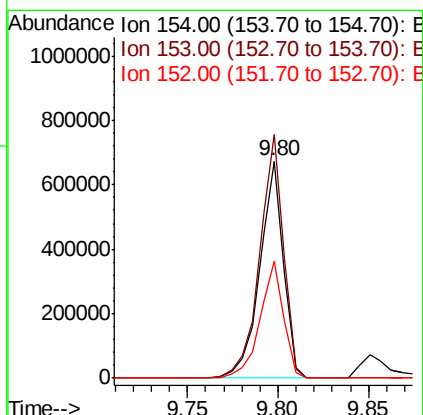
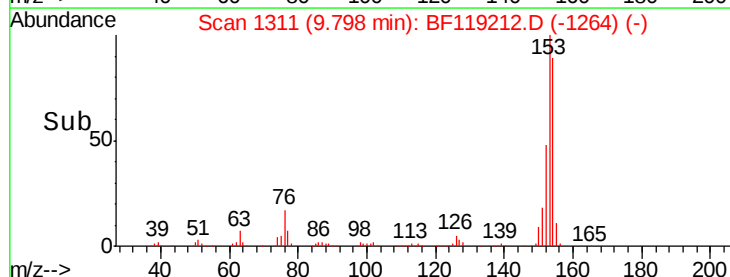
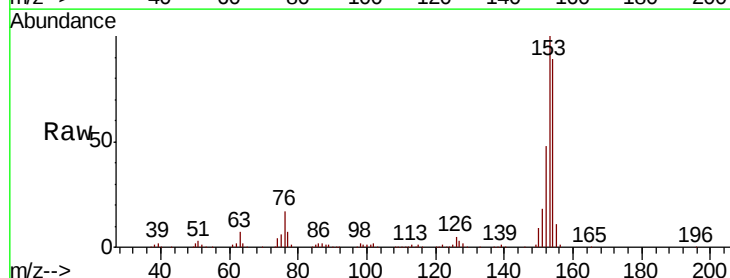
Instrument :
 BNA_F
 ClientSampleId :

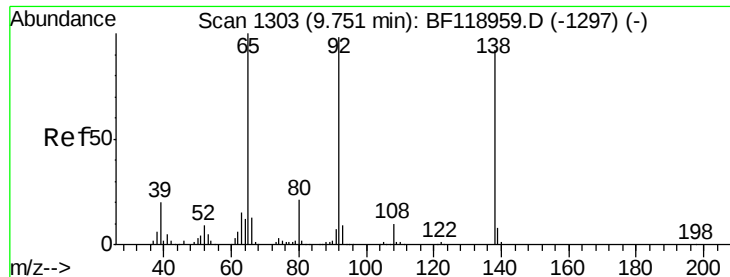
Tot Ion:165 Resp: 185258
 Ion Ratio Lower Upper
 165 100
 63 52.0 34.3 51.5#
 89 52.8 38.3 57.5



#52
 Acenaphthene
 Concen: 44.220 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion:154 Resp: 610803
 Ion Ratio Lower Upper
 154 100
 153 112.1 90.3 135.5
 152 54.0 43.8 65.8

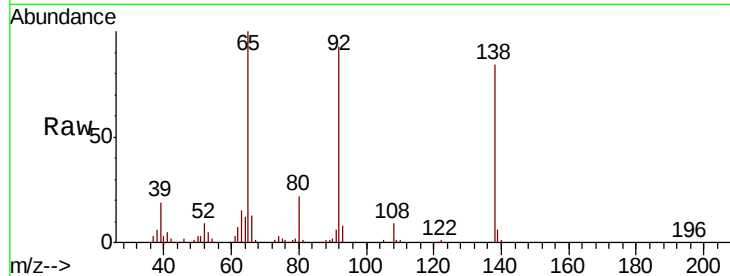




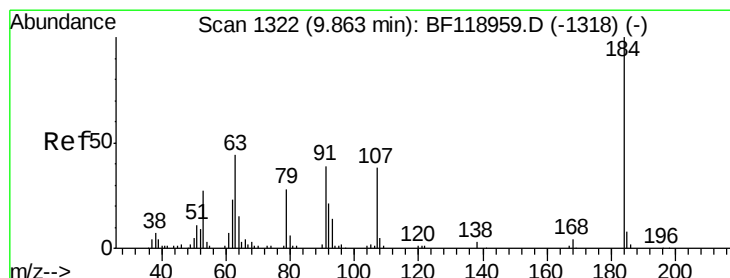
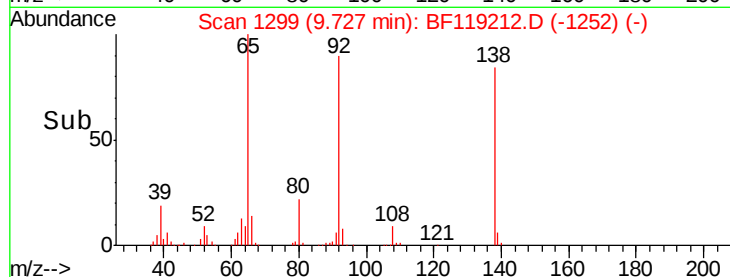
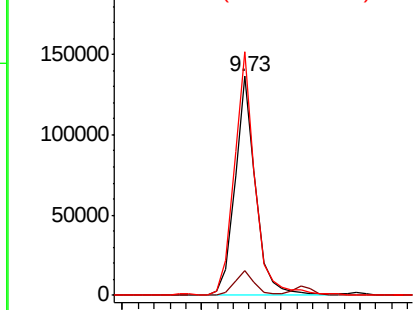
#53
3-Nitroaniline
Concen: 26.859 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 123192
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 111.1 84.8 127.2

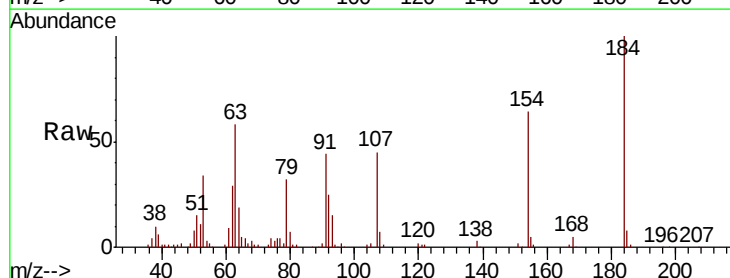


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

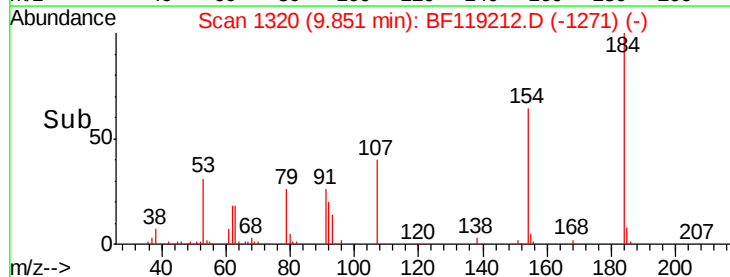
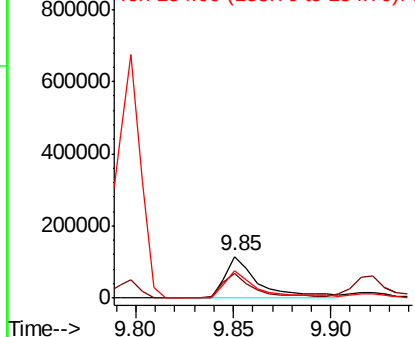


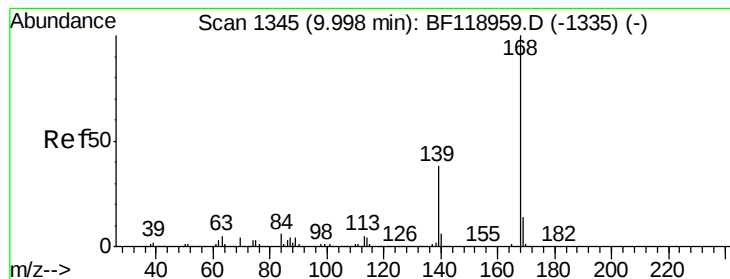
#54
2,4-Dinitrophenol
Concen: 69.991 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:184 Resp: 138664
Ion Ratio Lower Upper
184 100
63 57.7 38.7 58.1
154 63.9 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.324 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

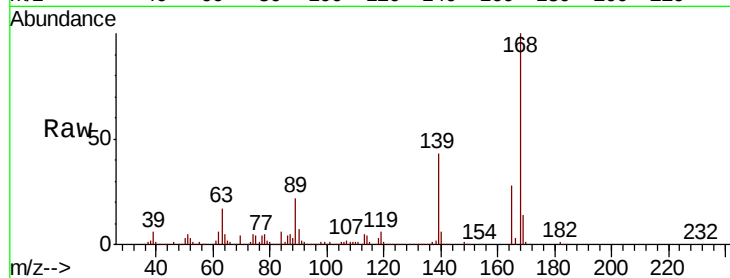
Tot Ion:168 Resp: 913832

Ion Ratio Lower Upper

168 100

139 43.0 34.0 51.0

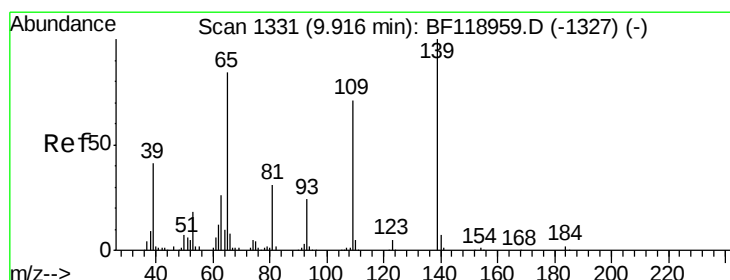
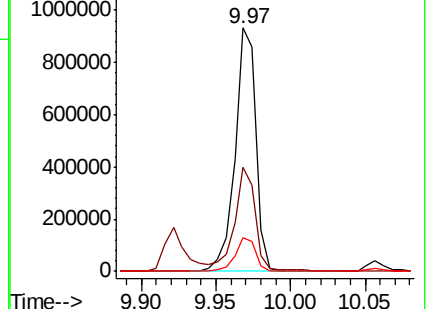
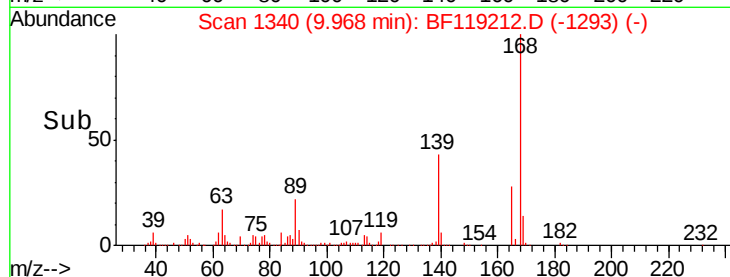
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 62.240 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

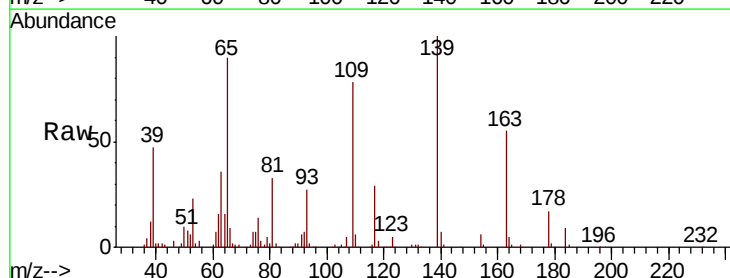
Tgt Ion:139 Resp: 171520

Ion Ratio Lower Upper

139 100

109 77.5 56.7 96.7

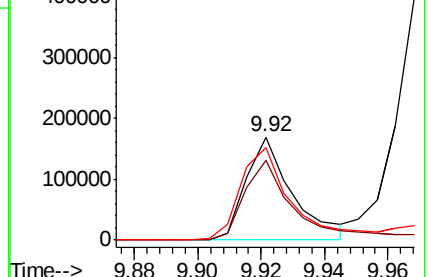
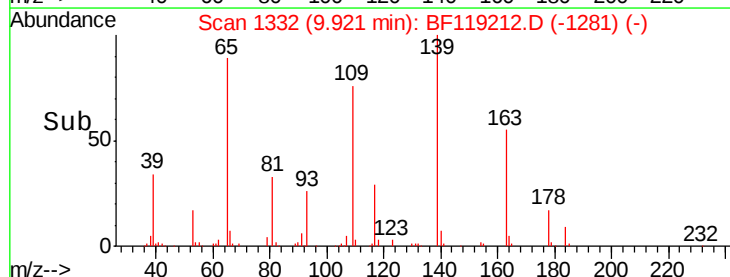
65 90.3 65.0 105.0

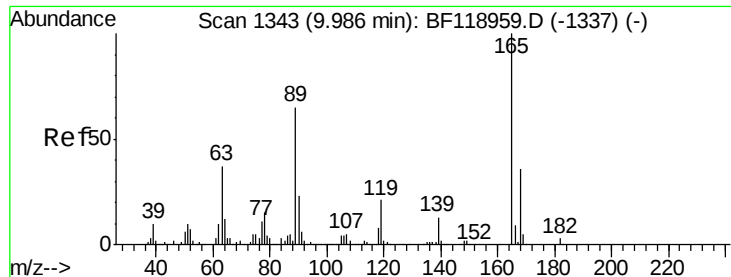


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

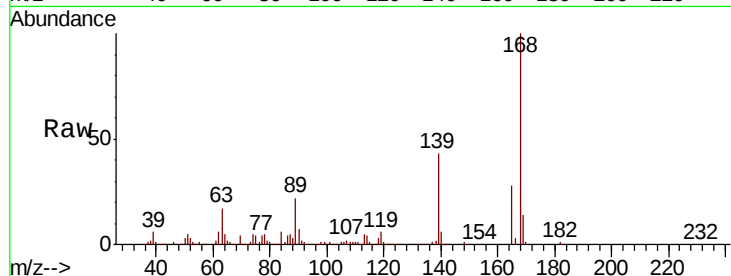




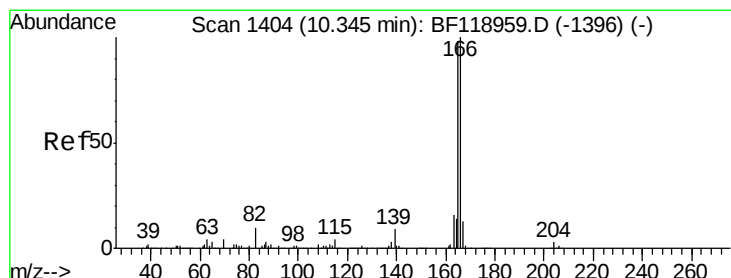
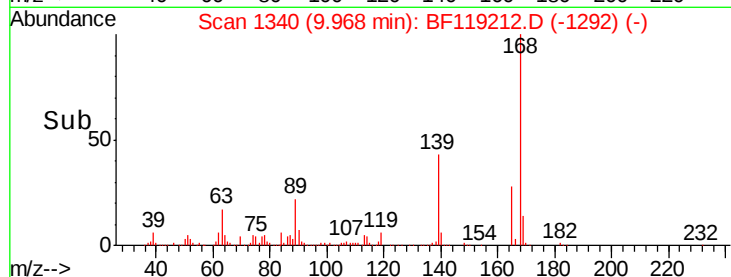
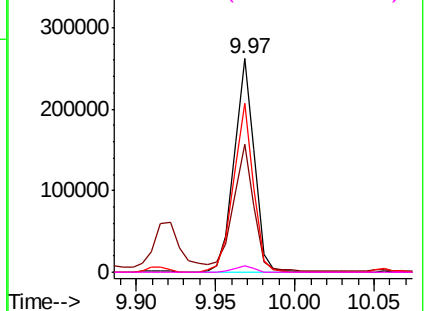
#57
2,4-Dinitrotoluene
Concen: 43.353 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	232489
Ion	Ratio	Lower	Upper
165	100		
63	59.9	42.3	63.5
89	79.2	60.2	90.4
182	3.0	2.3	3.5

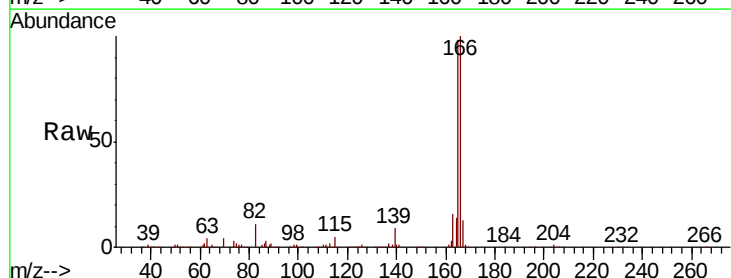


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

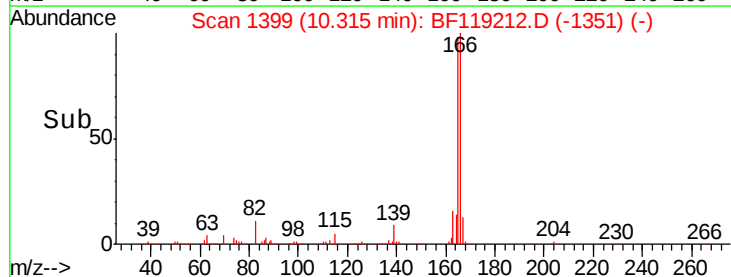
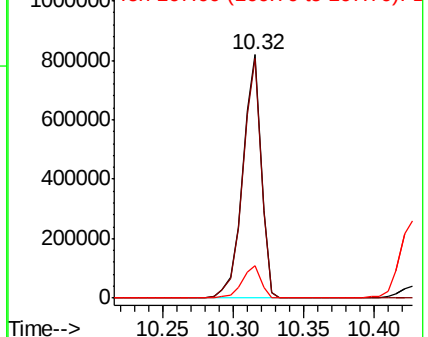


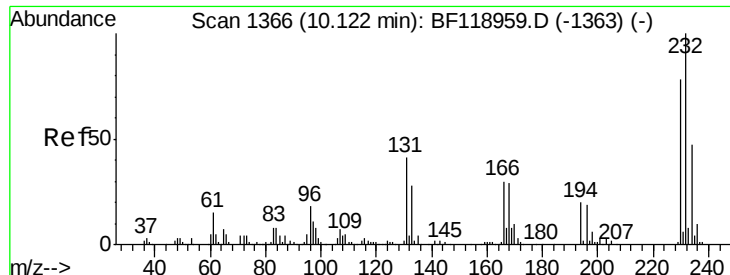
#58
Fluorene
Concen: 46.607 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:	166	Resp:	746672
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	13.3	11.0	16.4



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

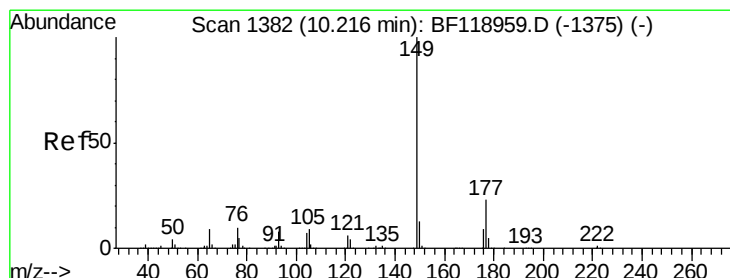
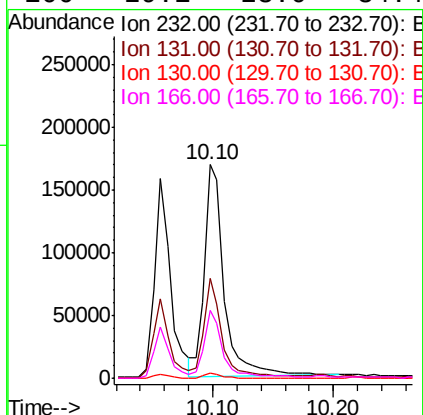
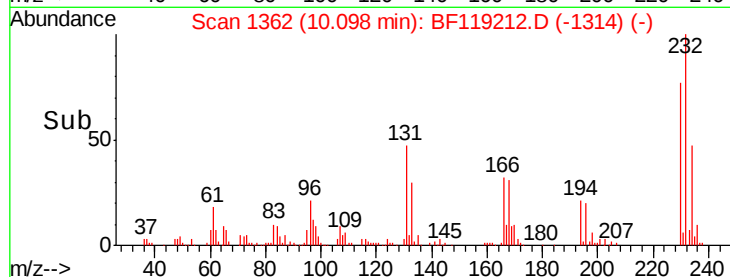
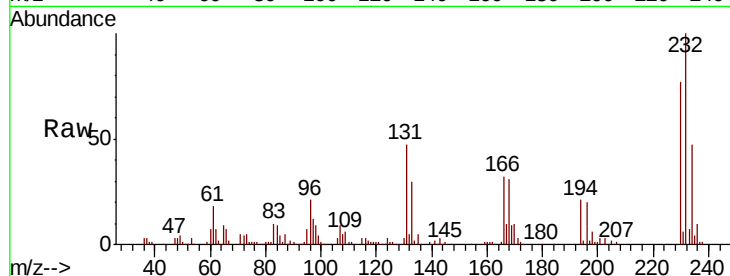




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.776 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

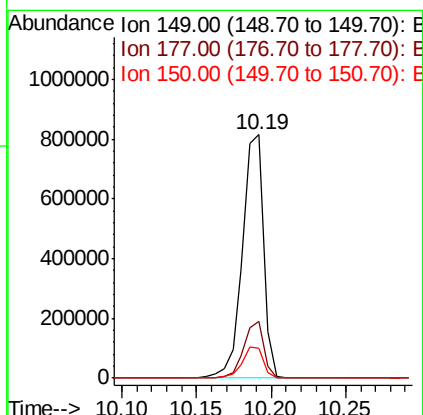
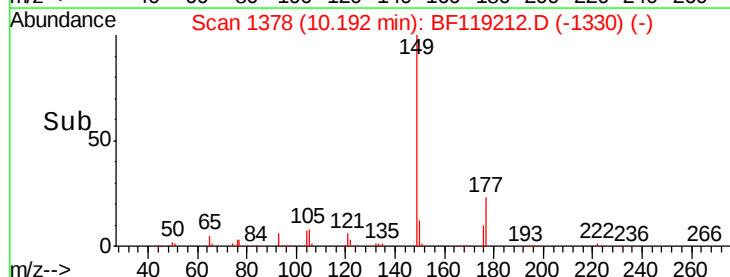
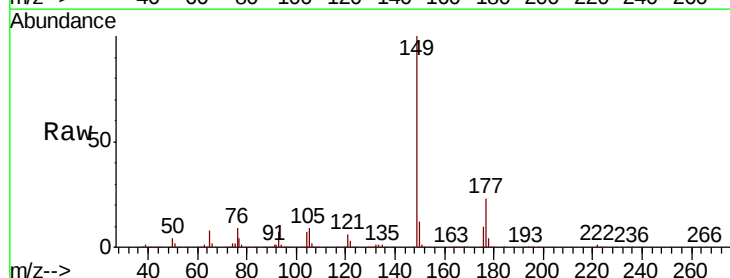
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.8	50.8
130	2.4	1.8	2.6
166	29.1	23.0	34.4



#60
 Diethylphthalate
 Concen: 45.714 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.2	27.2
150	12.3	10.5	15.7

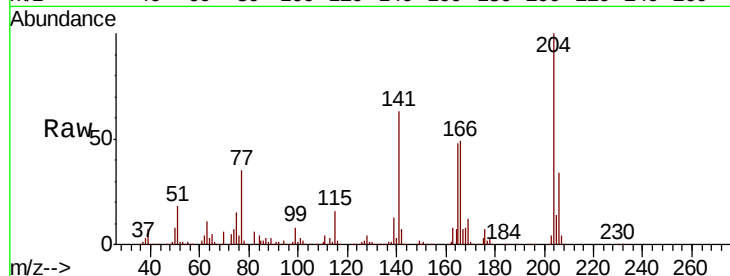




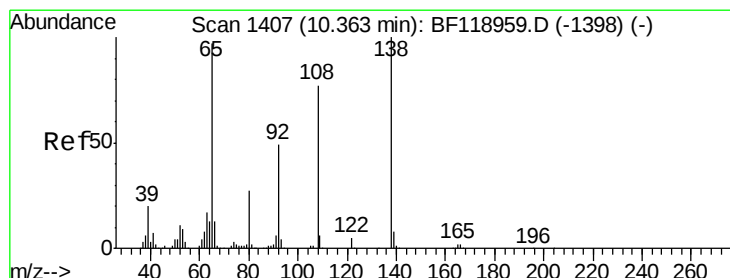
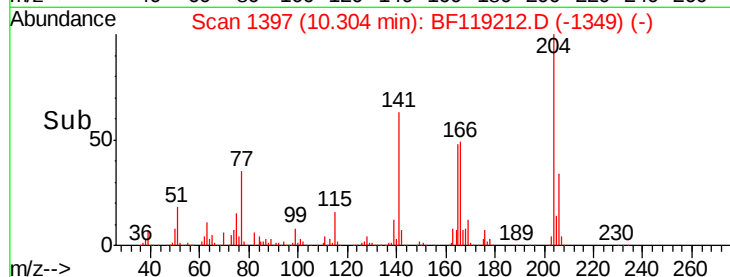
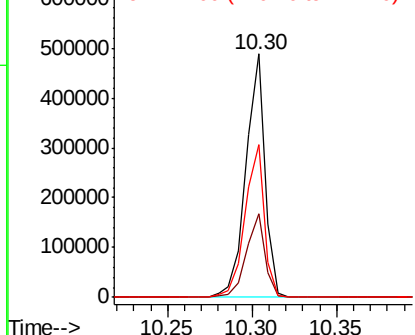
#61
4-Chlorophenyl-phenylether
Concen: 45.662 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 387212
Ion Ratio Lower Upper
204 100
206 34.3 27.1 40.7
141 62.5 52.9 79.3

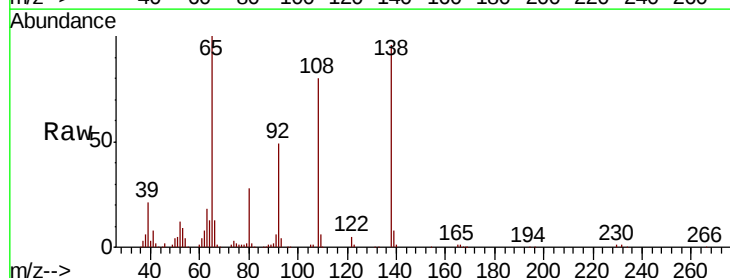


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

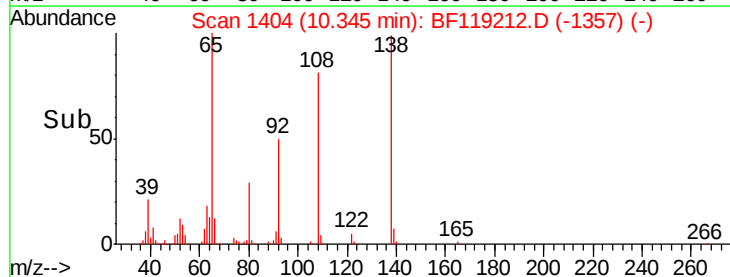
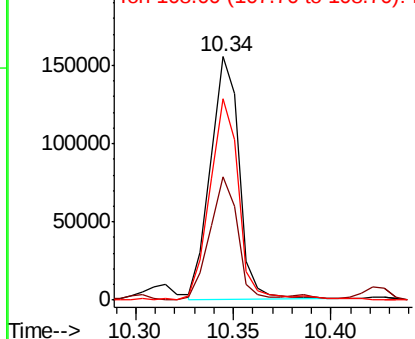


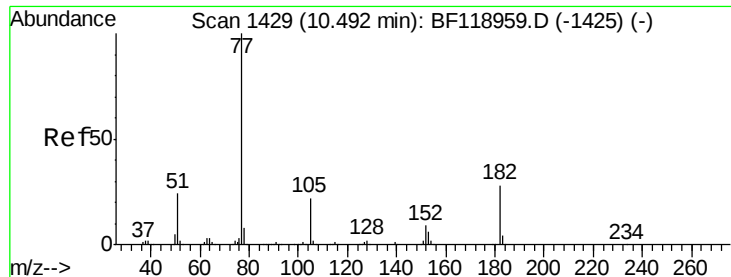
#62
4-Nitroaniline
Concen: 33.857 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:138 Resp: 158879
Ion Ratio Lower Upper
138 100
92 50.6 27.3 67.3
108 82.6 57.0 97.0



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

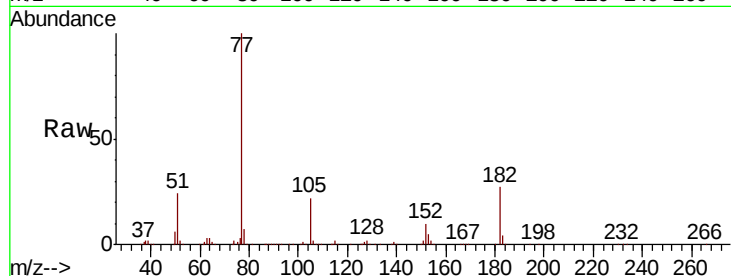




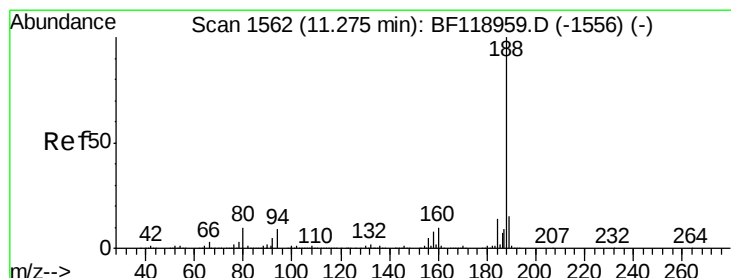
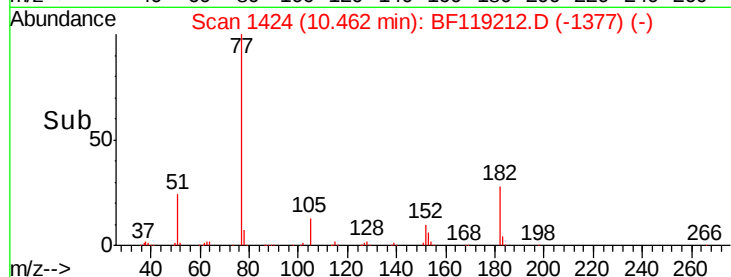
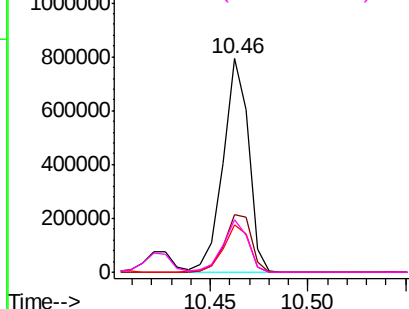
#63
Azobenzene
Concen: 47.036 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.0	11.4	51.4	
105	22.0	3.4	43.4	
51	24.5	5.1	45.1	

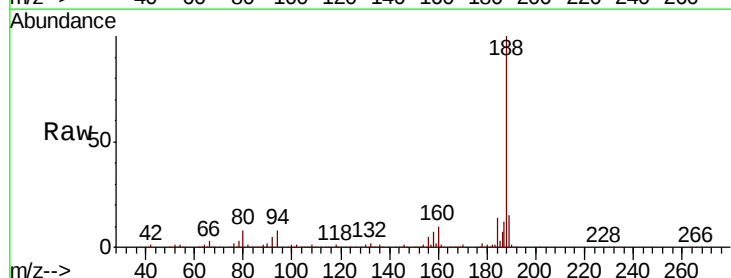


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

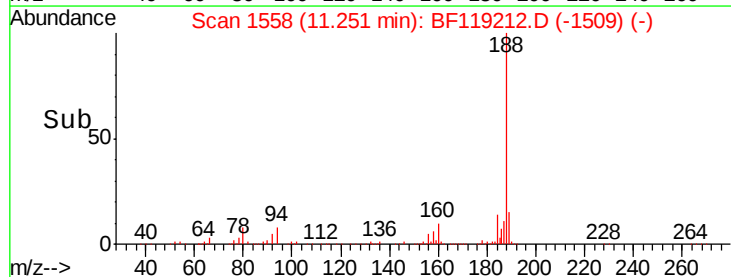
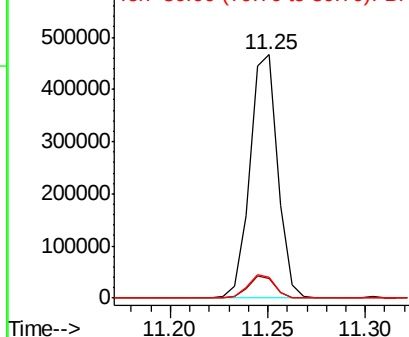


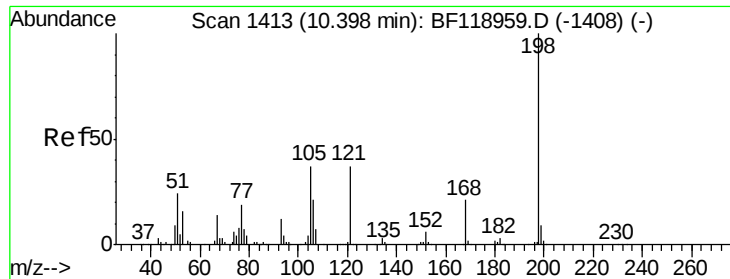
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.1	10.7	
80	8.5	7.8	11.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

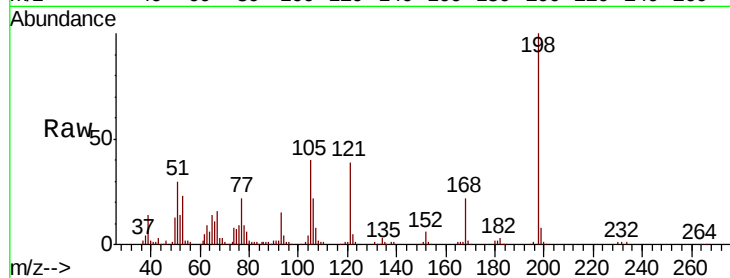




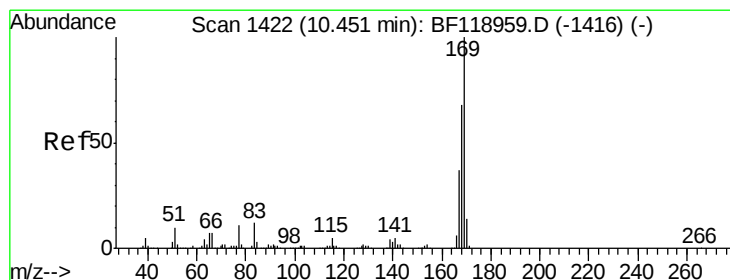
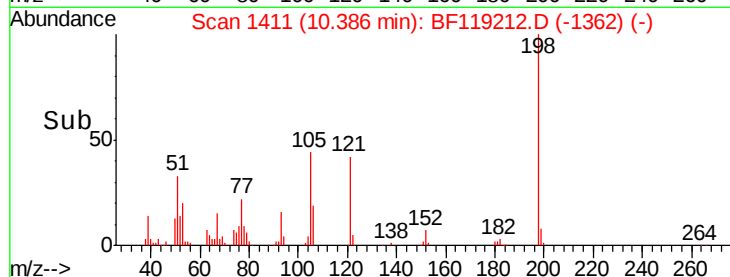
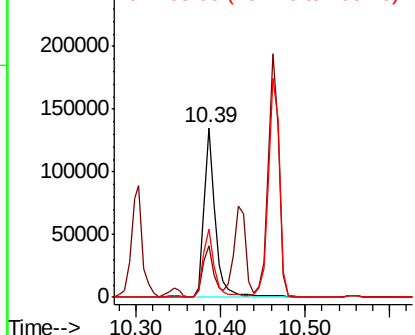
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.796 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 127422
 Ion Ratio Lower Upper
 198 100
 51 30.5 14.2 54.2
 105 40.1 22.7 62.7

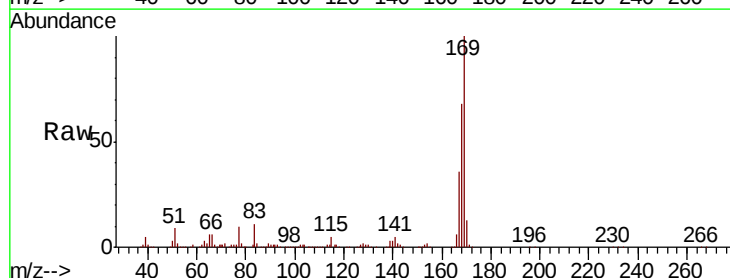


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

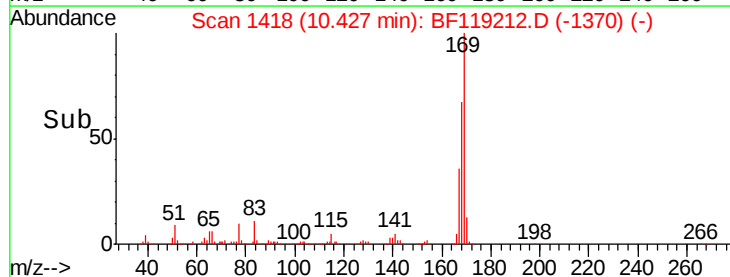
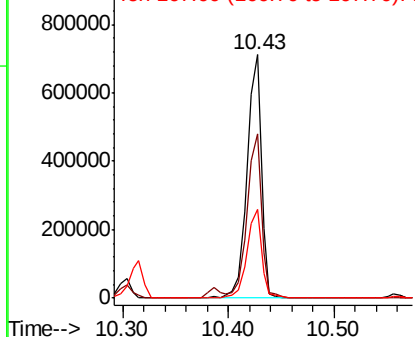


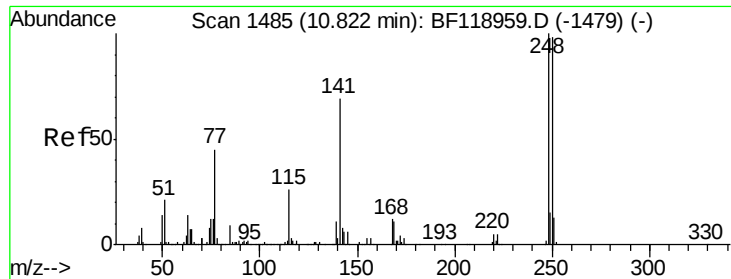
#66
 n-Nitrosodiphenylamine
 Concen: 44.304 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion:169 Resp: 667029
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.1 81.1
 167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

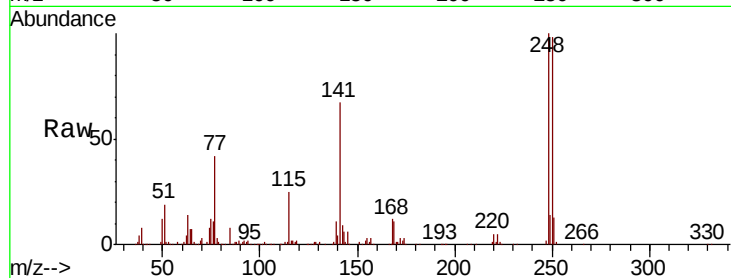




#67
 4-Bromophenyl-phenylether
 Concen: 42.678 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.7	115.1
141	67.3	60.7	91.1

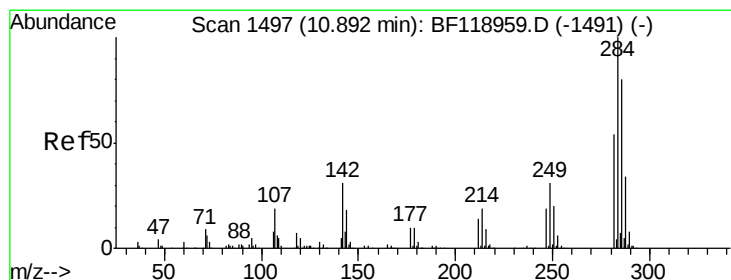
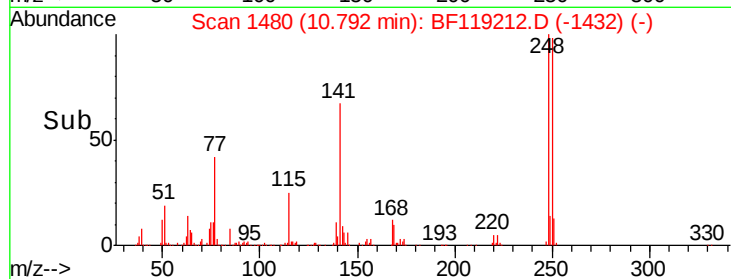
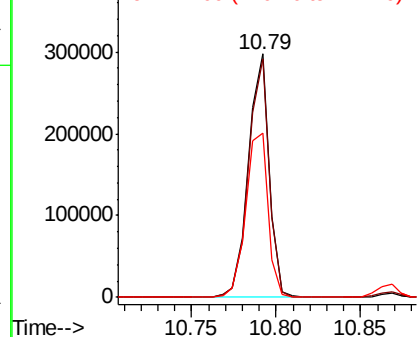


Abundance

Ion 248.00 (247.70 to 248.70): E

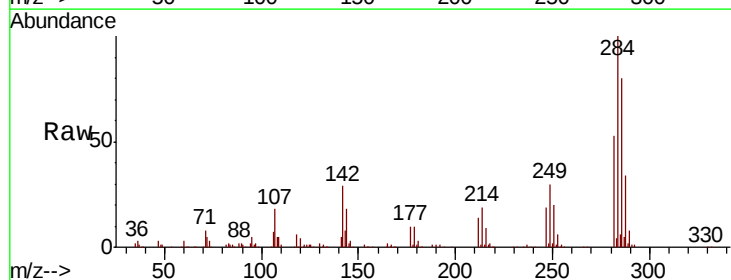
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.756 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	23.7	35.5
249	30.5	25.0	37.6

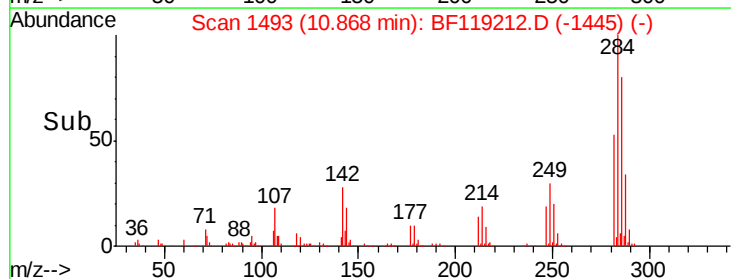
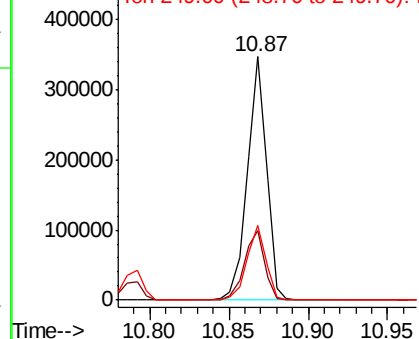


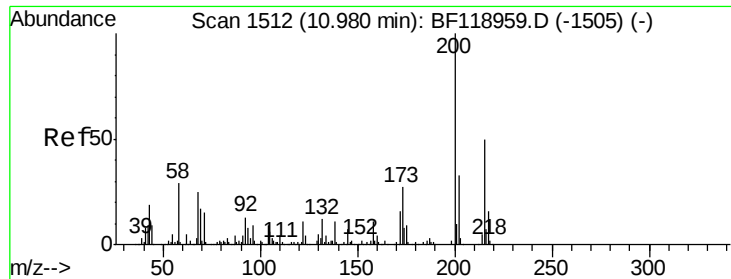
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

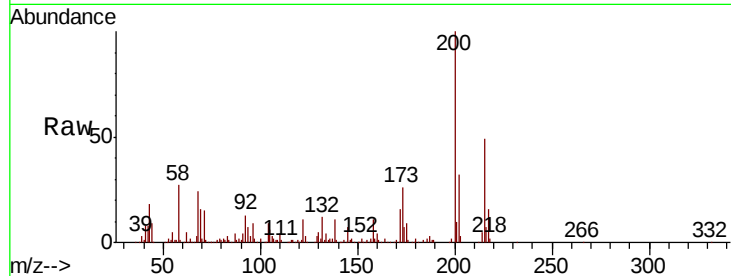




#69
Atrazine
Concen: 45.194 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	49.4	27.4	67.4

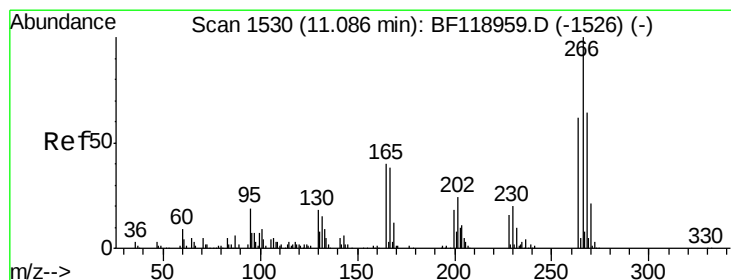
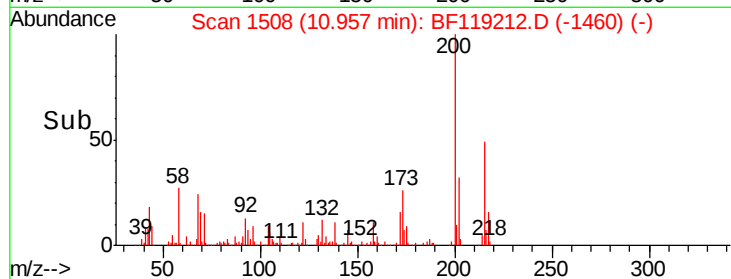
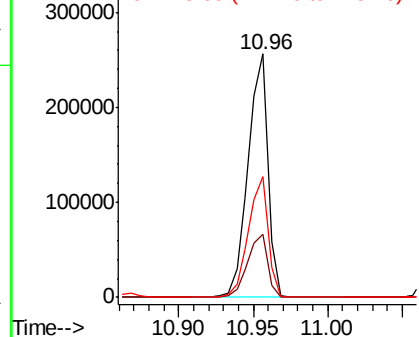


Abundance

Ion 200.00 (199.70 to 200.70): E

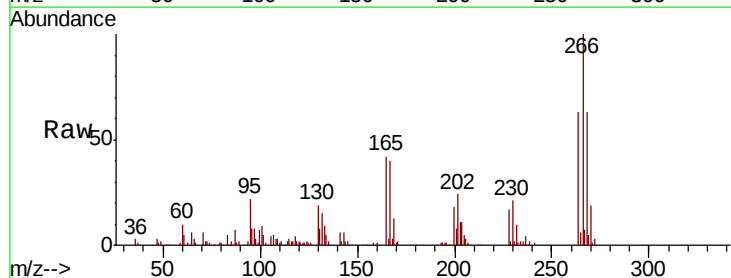
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.069 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.9	77.9
264	62.9	51.0	76.4

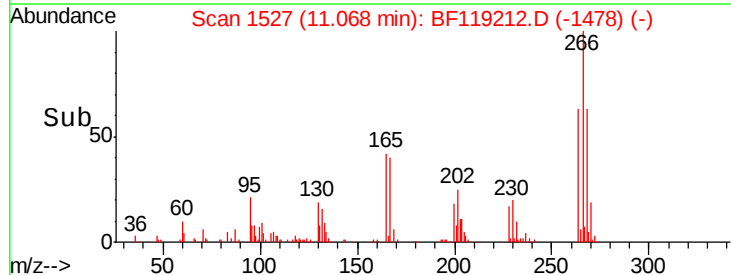
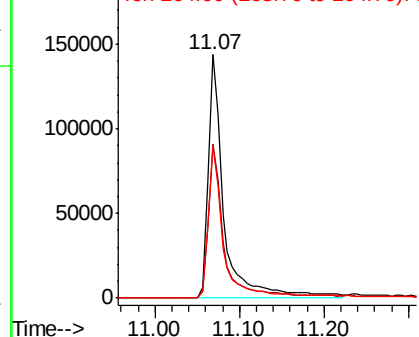


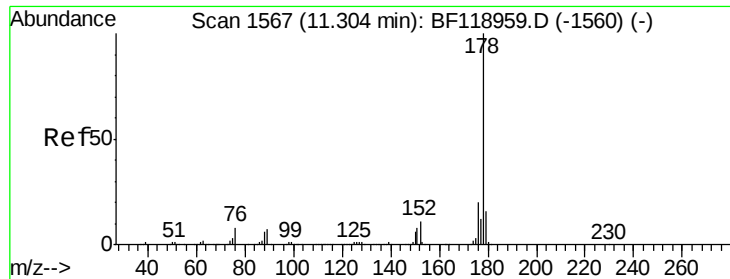
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.937 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

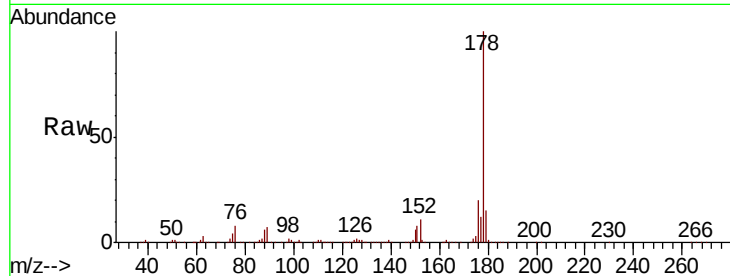
Tot Ion:178 Resp: 1101738

Ion Ratio Lower Upper

178 100

176 19.6 16.5 24.7

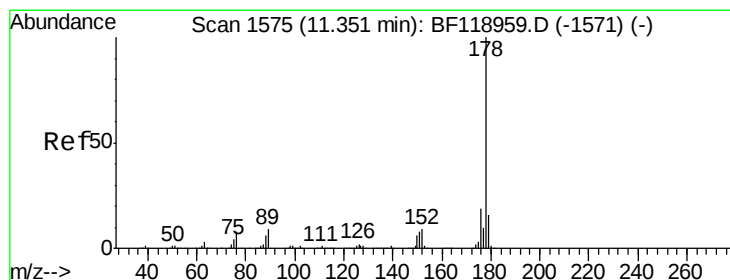
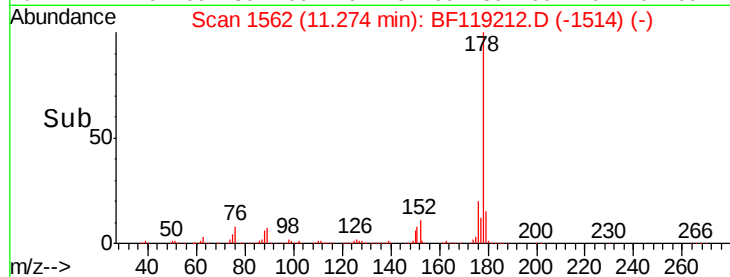
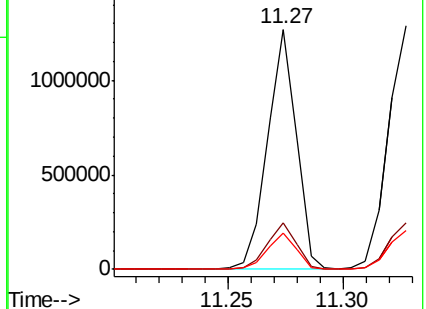
179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.093 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

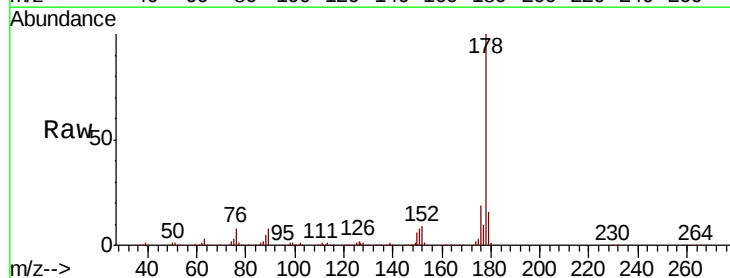
Tgt Ion:178 Resp: 1129798

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

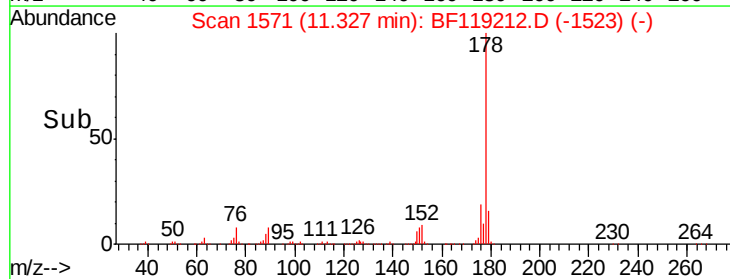
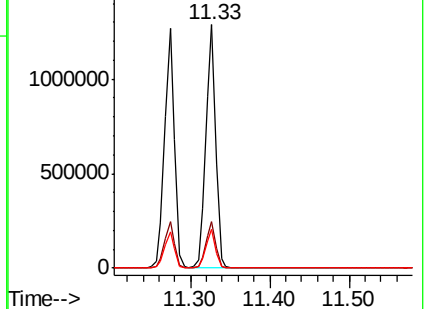
179 15.8 13.1 19.7

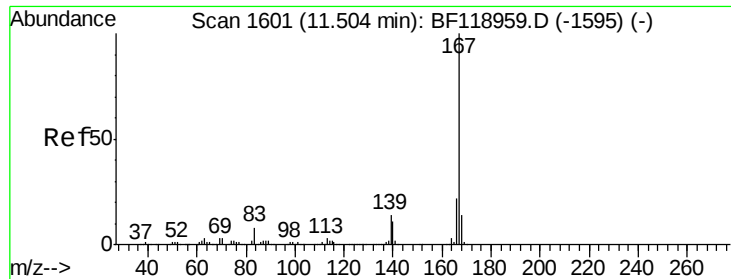


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

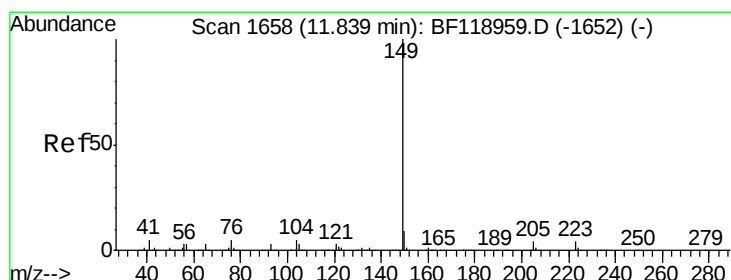
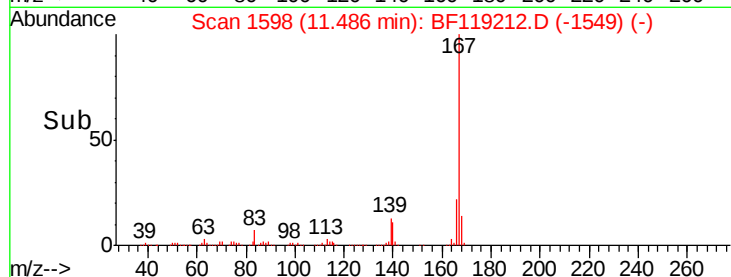
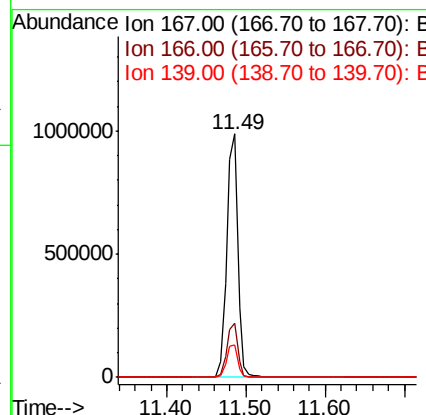
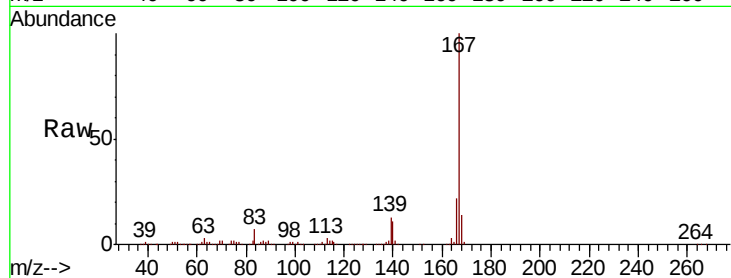




#73
 Carbazole
 Concen: 42.876 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

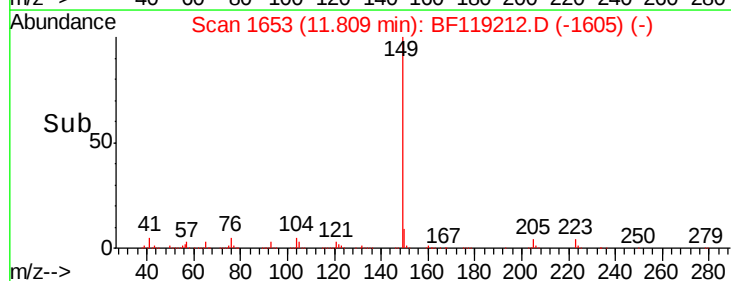
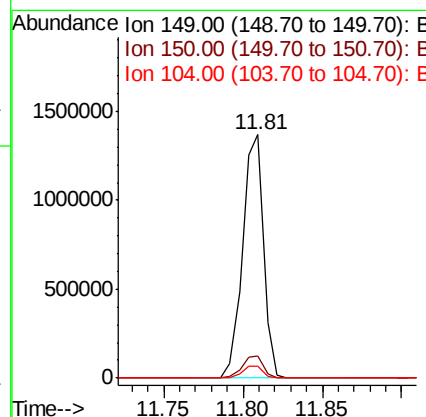
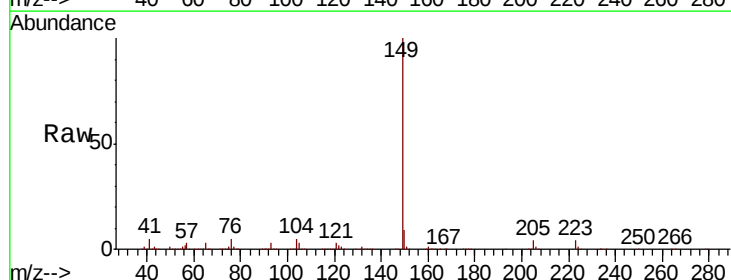
Instrument :
 BNA_F
 ClientSampleId :

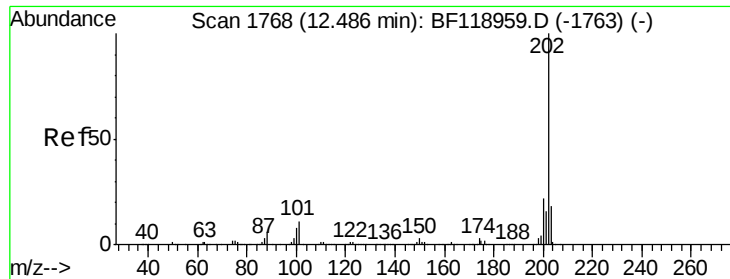
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.3	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 46.065 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	4.8	4.6	6.8





#75

Fluoranthene

Concen: 42.887 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

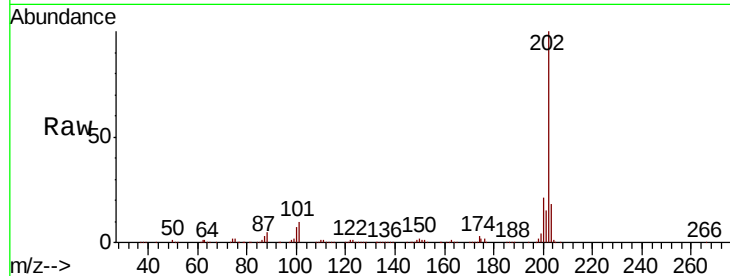
Tot Ion:202 Resp: 1141531

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

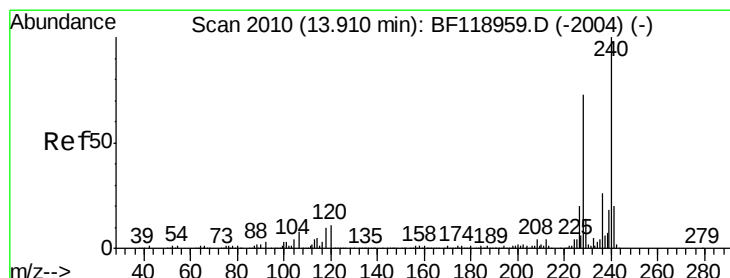
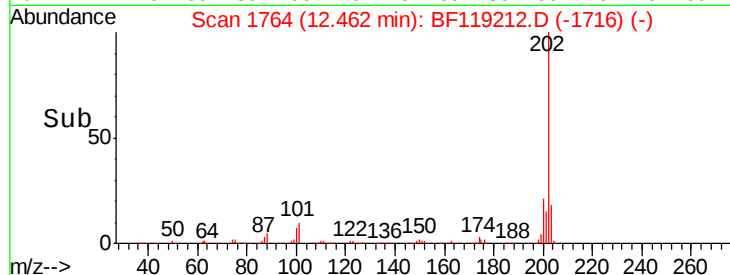
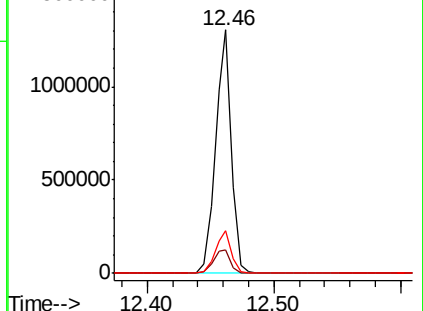
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

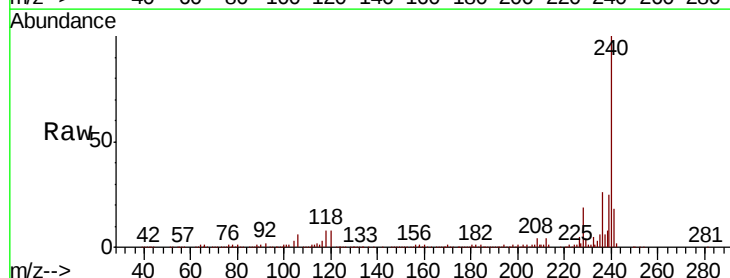
Tgt Ion:240 Resp: 297820

Ion Ratio Lower Upper

240 100

120 8.1 8.4 12.6#

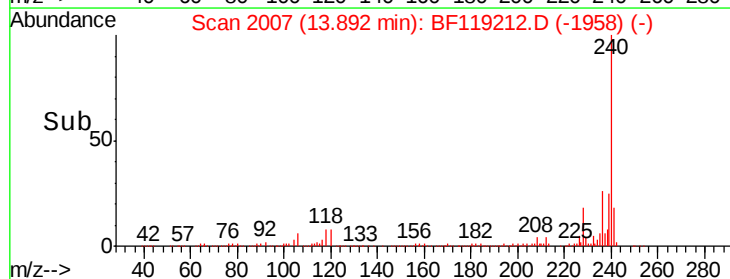
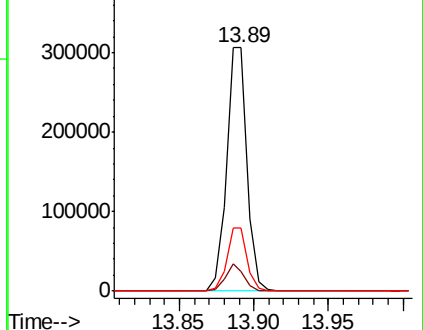
236 26.1 21.0 31.4

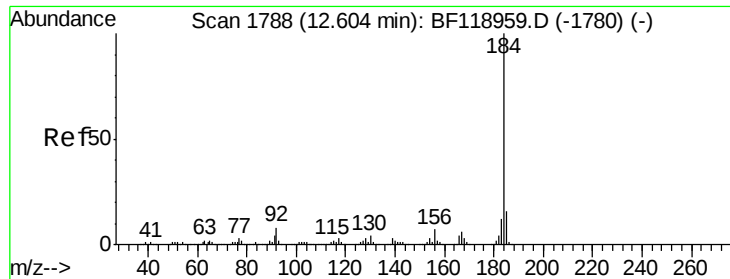


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.931 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

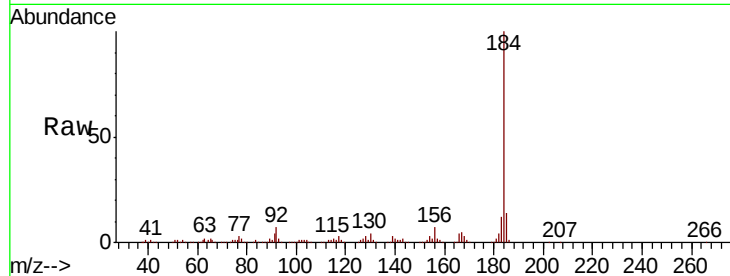
Tot Ion:184 Resp: 374640

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.1	9.9	14.9

184 100

185 14.4 12.2 18.4

183 12.1 9.9 14.9

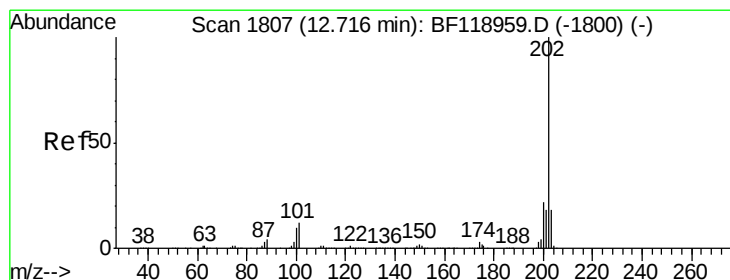
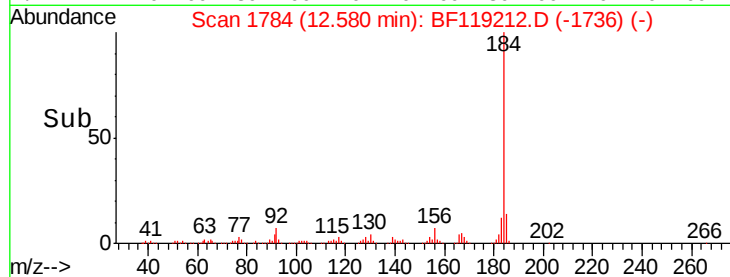
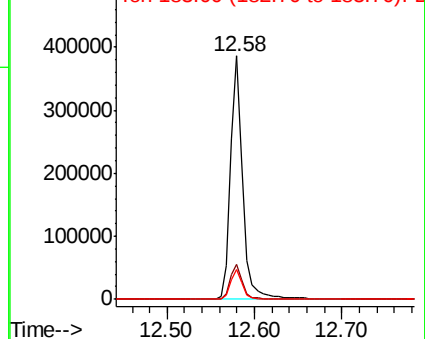


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.072 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

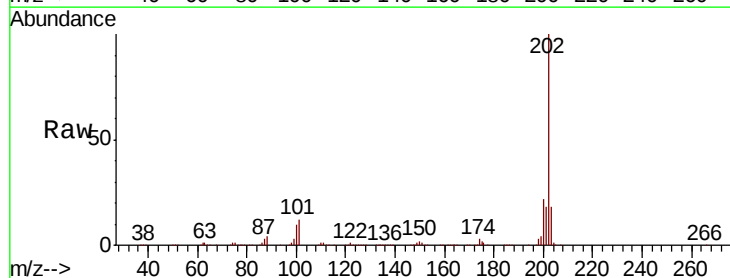
Tgt Ion:202 Resp: 1125704

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	17.8	14.6	22.0

202 100

200 21.6 18.0 27.0

203 17.8 14.6 22.0

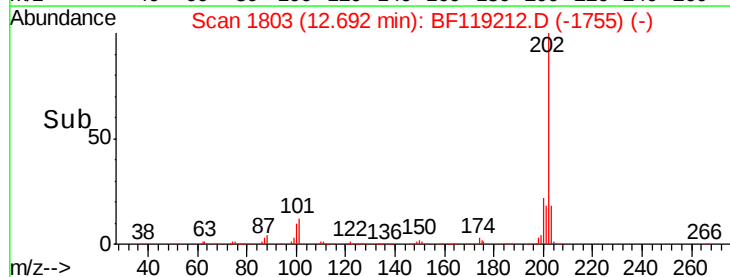
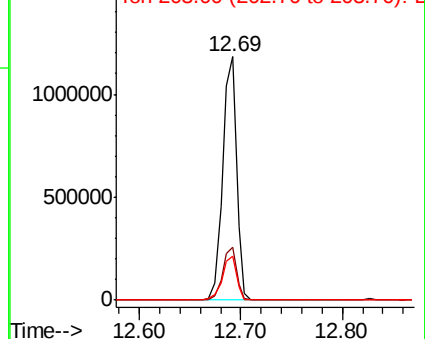


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.594 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

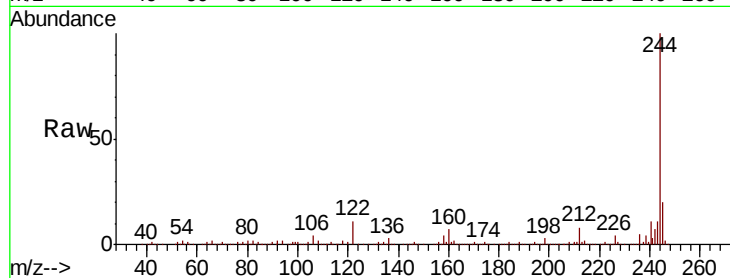
Tot Ion:244 Resp: 1515232

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

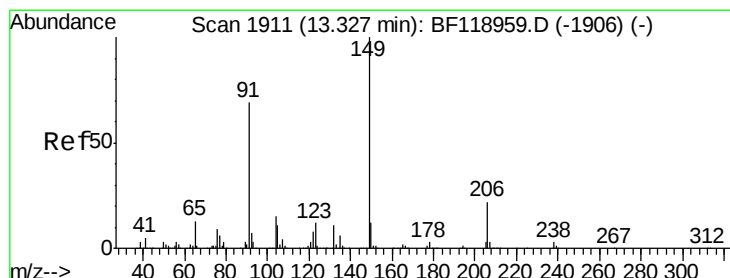
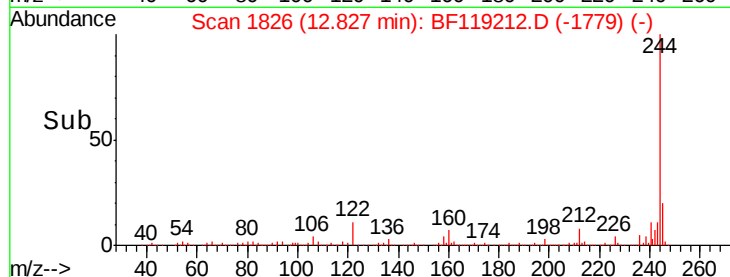
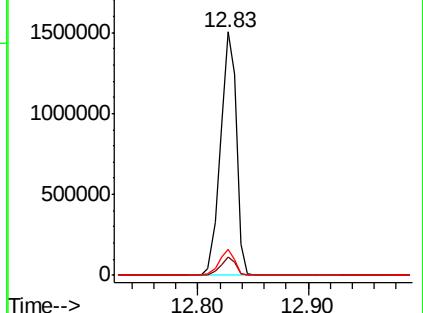
122 10.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.237 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

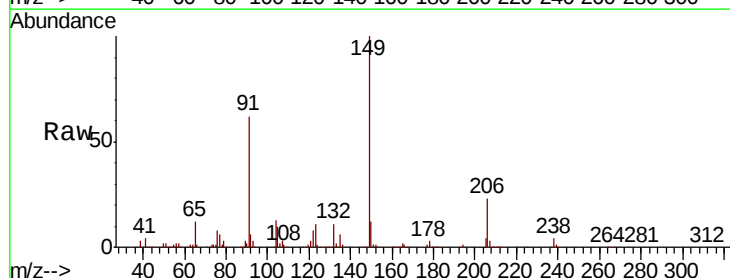
Tgt Ion:149 Resp: 485506

Ion Ratio Lower Upper

149 100

91 61.8 52.3 78.5

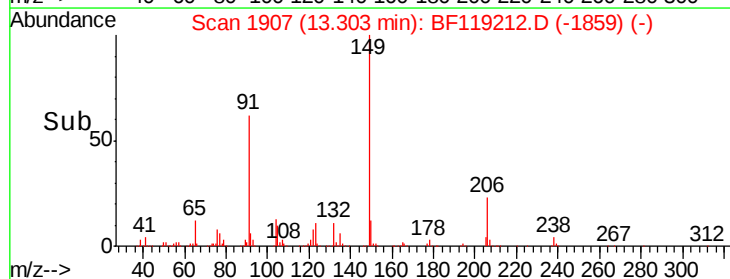
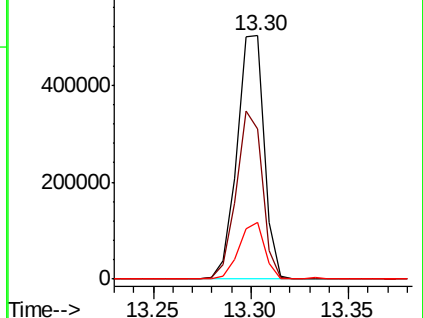
206 23.3 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.891 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

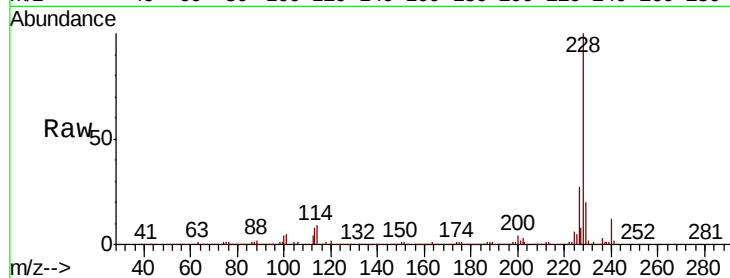
Tot Ion:228 Resp: 910955

Ion Ratio Lower Upper

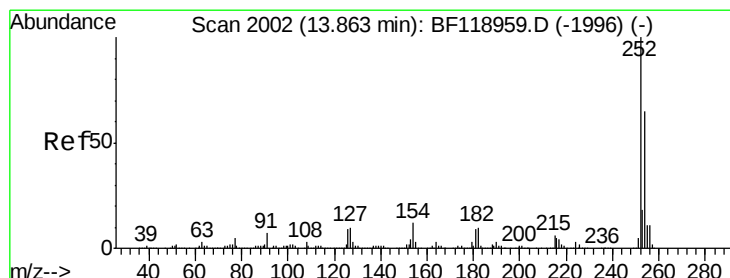
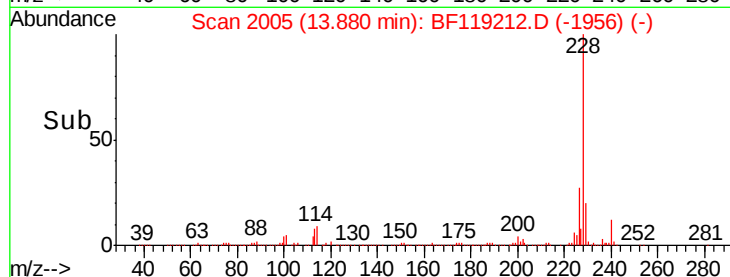
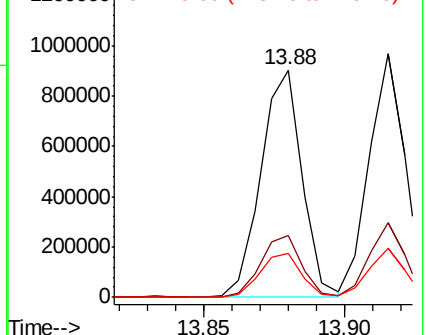
228 100

226 27.2 22.6 33.8

229 19.5 16.6 24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 30.222 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

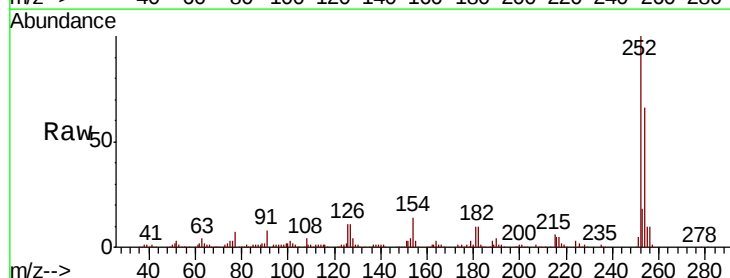
Tgt Ion:252 Resp: 238142

Ion Ratio Lower Upper

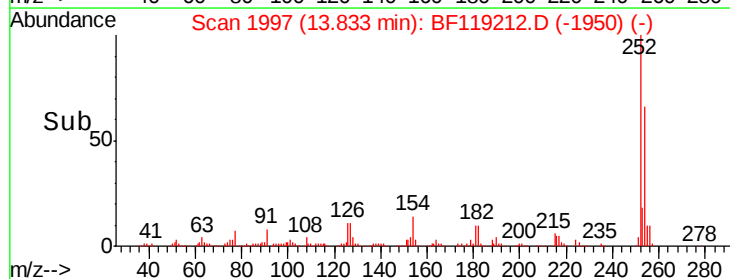
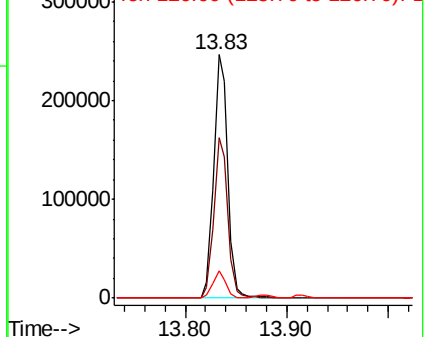
252 100

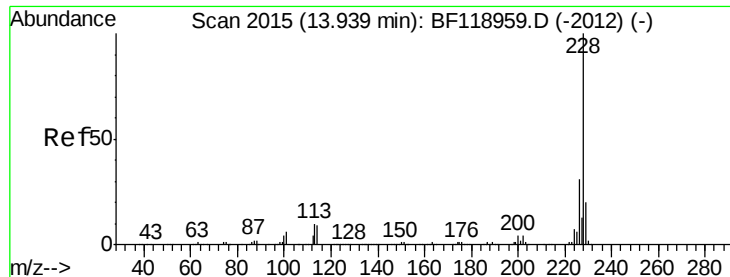
254 65.9 51.6 77.4

126 11.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

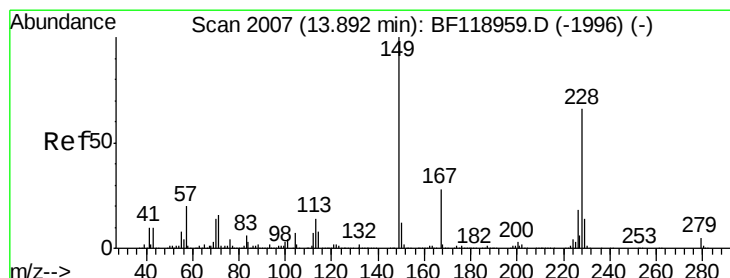
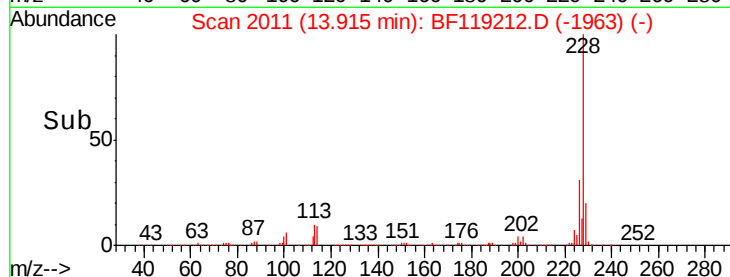
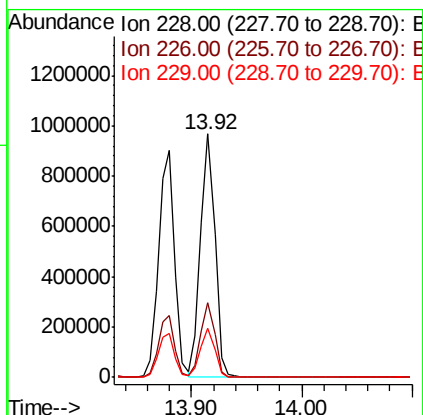
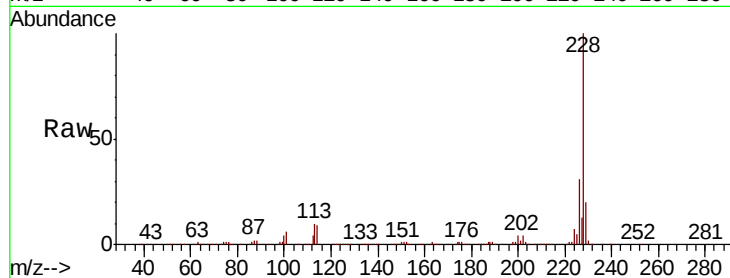




#83
 Chrysene
 Concen: 42.202 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

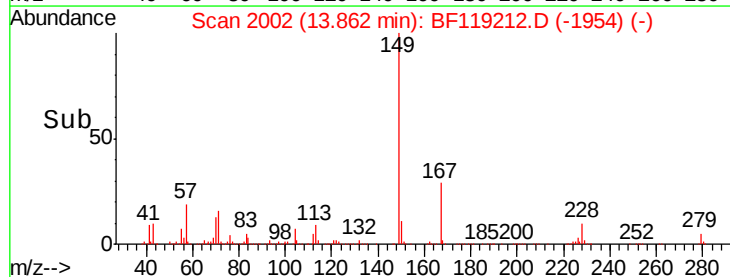
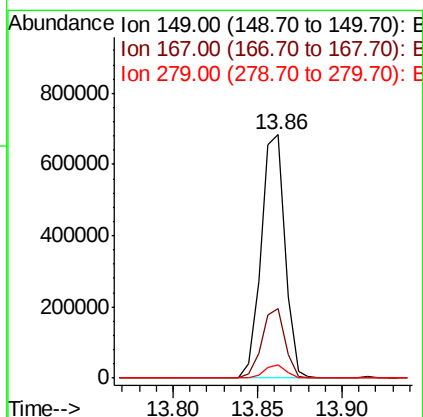
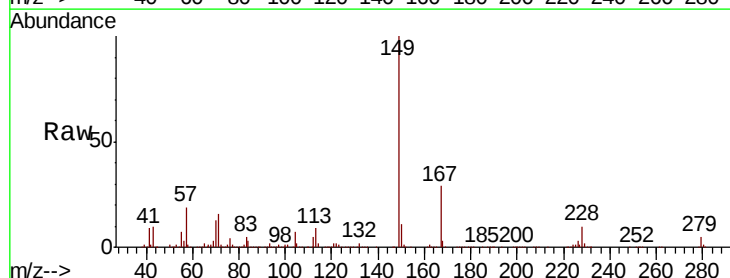
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 853319
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.973 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion:149 Resp: 673590
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.8 34.2
 279 5.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.346 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

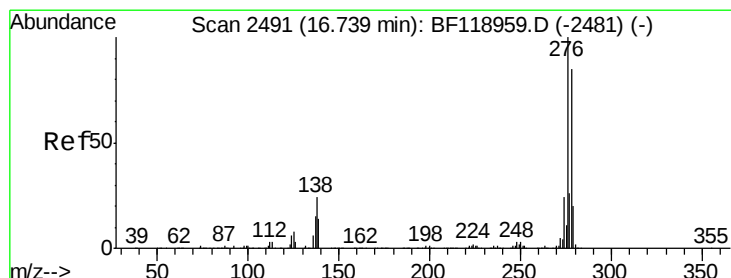
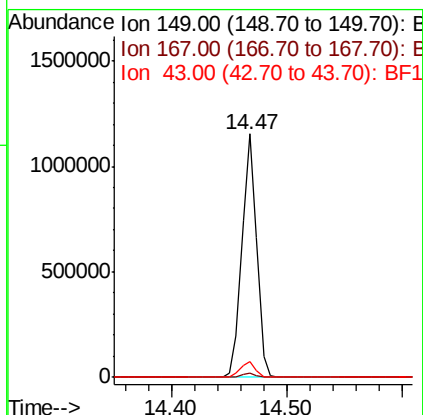
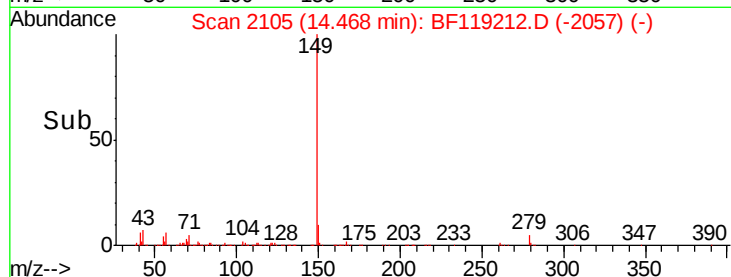
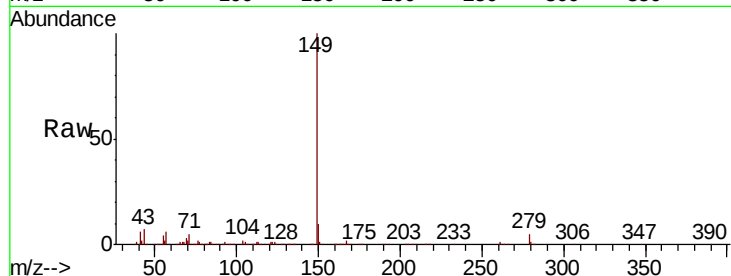
Tot Ion:149 Resp: 1020004

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.5 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.432 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

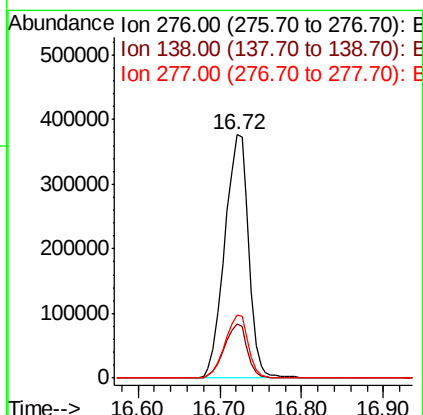
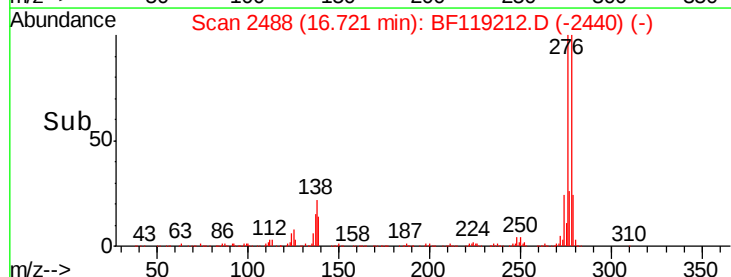
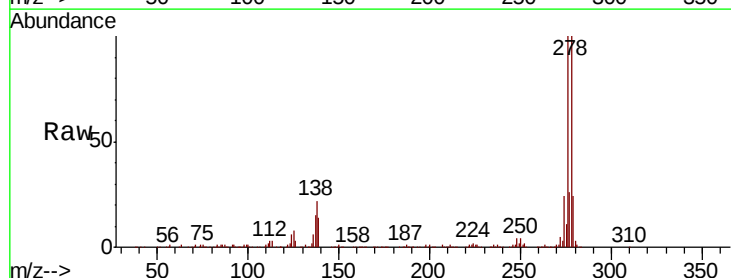
Tgt Ion:276 Resp: 772017

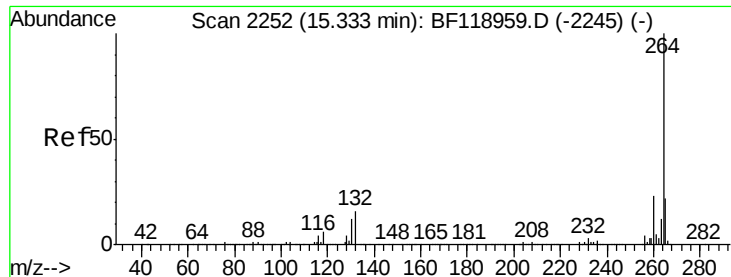
Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

277 25.4 20.3 30.5

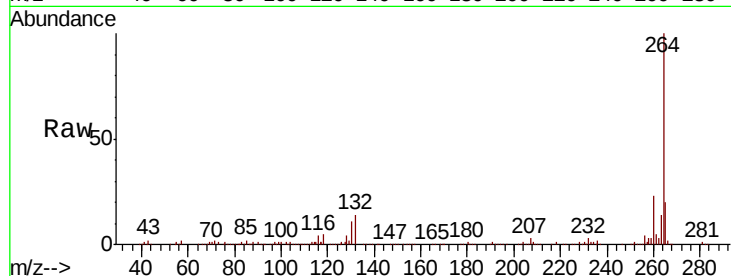




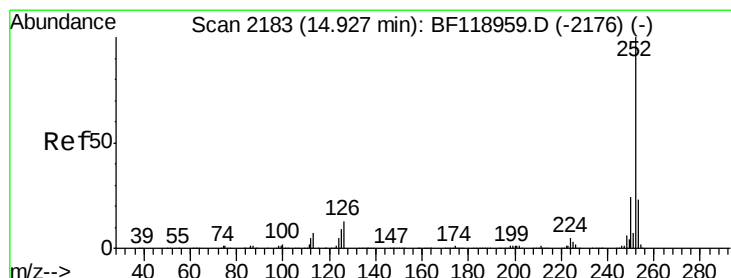
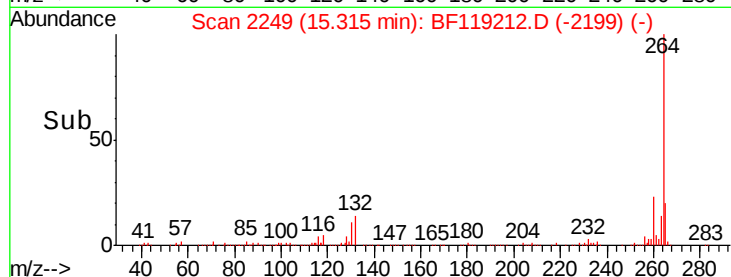
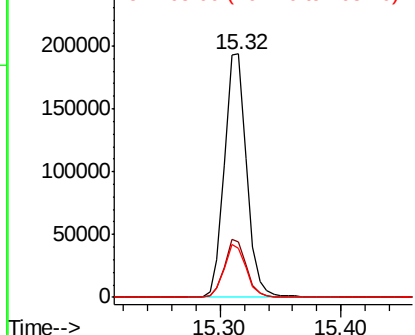
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 248805
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 20.3 17.7 26.5

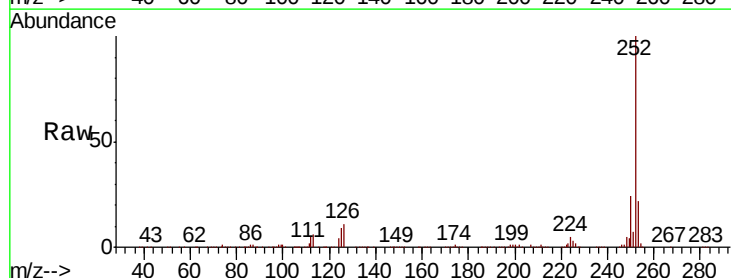


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

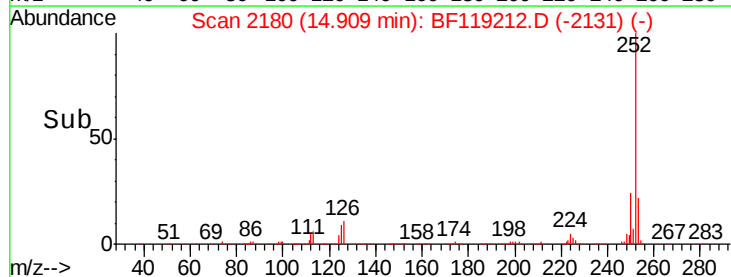
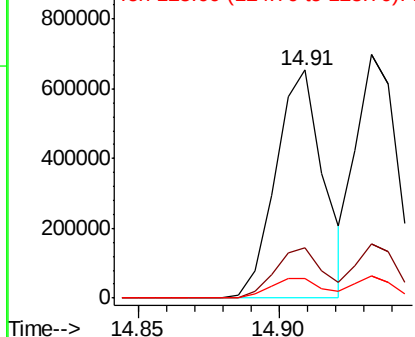


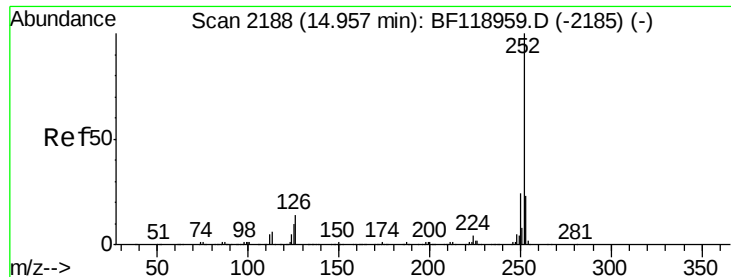
#88
Benzo(b)fluoranthene
Concen: 46.871 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:252 Resp: 768672
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 8.6 7.4 11.0



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

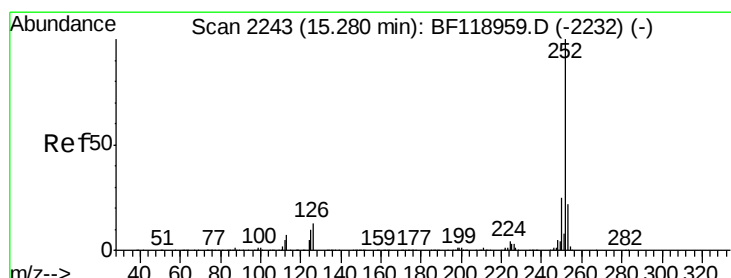
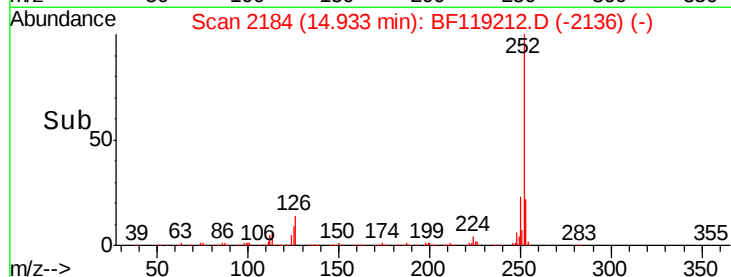
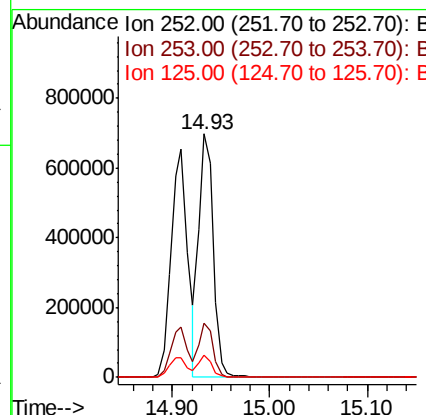
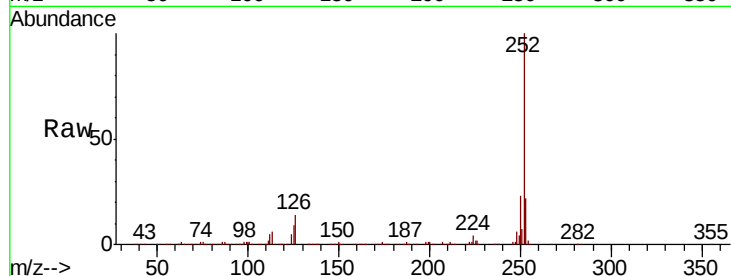




#89
Benzo(k)fluoranthene
Concen: 47.096 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

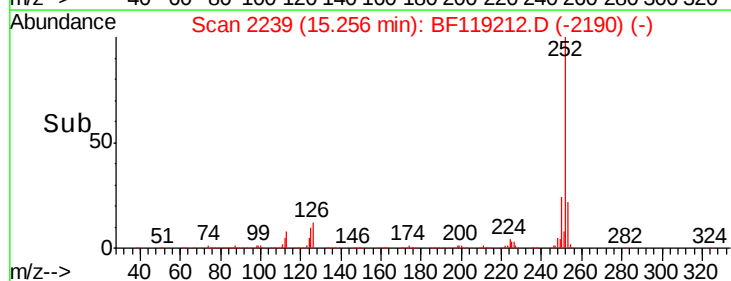
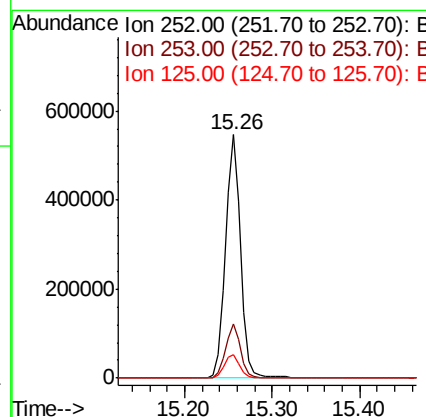
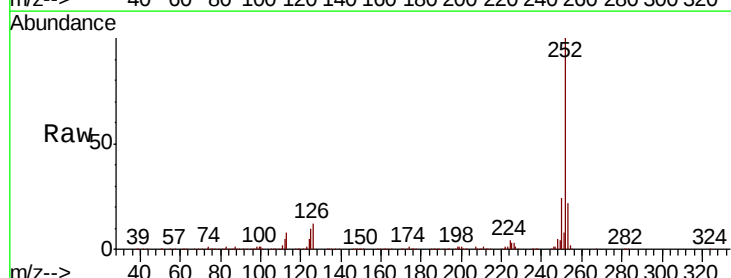
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 715771
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.978 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:252 Resp: 650935
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 50.083 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

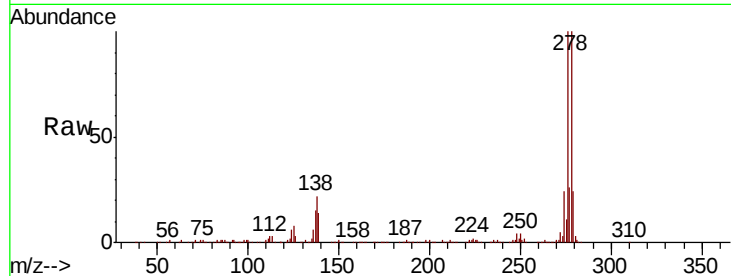
Tot Ion:278 Resp: 652259

Ion Ratio Lower Upper

278 100

139 14.4 11.0 16.4

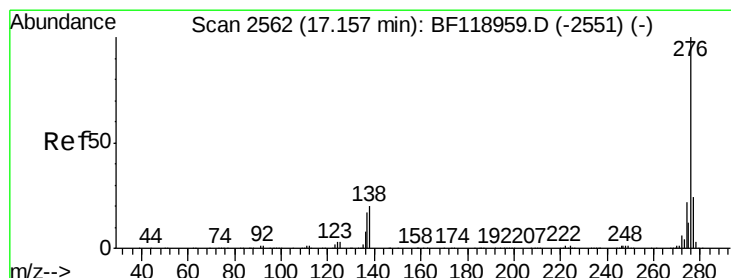
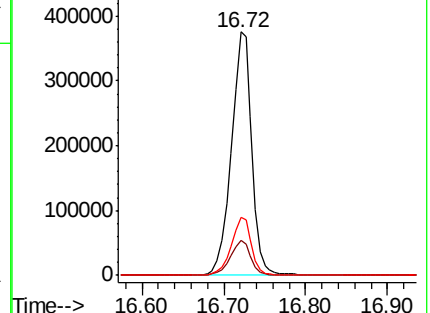
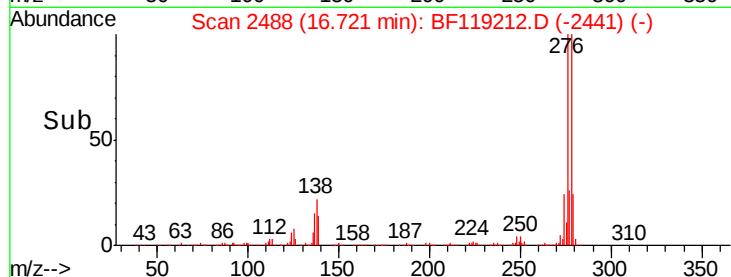
279 23.8 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.110 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

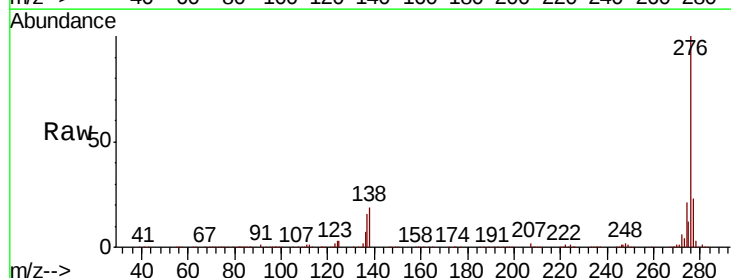
Tgt Ion:276 Resp: 657668

Ion Ratio Lower Upper

276 100

277 22.6 18.7 28.1

138 18.5 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

