

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120215.D
 Acq On : 27 Apr 2020 13:34
 Operator : MA/SJ
 Sample : L2407-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Quant Time: Apr 27 14:08:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166474	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	646518	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	334535	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	633071	20.00	ng	0.00
76) Chrysene-d12	13.84	240	413691	20.00	ng	0.00
87) Perylene-d12	15.24	264	367810	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	927285	96.26	ng	0.00
7) Phenol-d6	6.33	99	1172492	94.46	ng	0.00
23) Nitrobenzene-d5	7.24	82	747108	59.78	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	335941	82.02	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1484435	63.00	ng	0.00
79) Terphenyl-d14	12.78	244	1627648	66.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	185457	43.225	ng	99
3) Pyridine	3.03	79	513578	43.628	ng	94
4) n-Nitrosodimethylamine	3.00	42	296195	49.247	ng	98
6) Aniline	6.33	93	615382	37.773	ng	# 28
8) 2-Chlorophenol	6.46	128	591815	54.986	ng	99
9) Benzaldehyde	6.21	77	228179	31.078	ng	96
10) Phenol	6.34	94	750004	53.260	ng	95
11) bis(2-Chloroethyl)ether	6.41	93	563710	51.846	ng	100
12) 1,3-Dichlorobenzene	6.60	146	593704	50.385	ng	96
13) 1,4-Dichlorobenzene	6.69	146	603371	50.267	ng	99
14) 1,2-Dichlorobenzene	6.84	146	565027	51.078	ng	98
15) Benzyl Alcohol	6.82	79	474919	49.262	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	918458	43.410	ng	51
17) 2-Methylphenol	6.95	107	465590	48.473	ng	# 89
18) Hexachloroethane	7.17	117	227498	50.714	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	399154	50.008	ng	99
20) 3+4-Methylphenols	7.10	107	603351	51.360	ng	# 84
22) Acetophenone	7.09	105	794774	52.497	ng	99
24) Nitrobenzene	7.26	77	615462	48.957	ng	99
25) Isophorone	7.50	82	1130857	46.942	ng	99
26) 2-Nitrophenol	7.57	139	321672	51.215	ng	89
27) 2,4-Dimethylphenol	7.62	122	501373	52.929	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	706572	49.843	ng	98
29) 2,4-Dichlorophenol	7.82	162	484394	49.888	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	522090	47.455	ng	99
31) Naphthalene	7.97	128	1673770	49.207	ng	99
32) Benzoic acid	7.79	122	377878	45.422	ng	94
33) 4-Chloroaniline	8.03	127	345330	23.320	ng	99
34) Hexachlorobutadiene	8.09	225	299013	45.403	ng	99
35) Caprolactam	8.42	113	86595	29.155	ng	94
36) 4-Chloro-3-methylphenol	8.53	107	539504	51.321	ng	96
37) 2-Methylnaphthalene	8.67	142	1123739	48.728	ng	99
38) 1-Methylnaphthalene	8.77	142	1066060	49.045	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	498831	47.211	ng	99

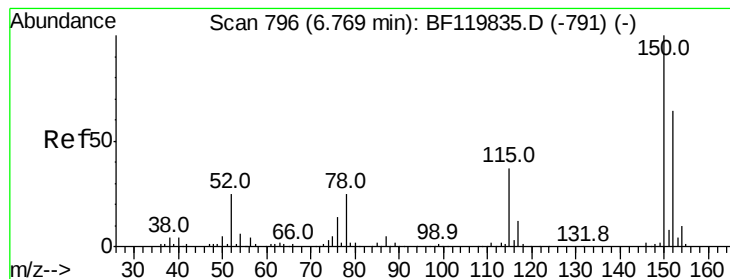
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	476777	79.354	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	360564	49.417	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	373933	45.503	nq	97
46) 1,1'-Biphenyl	9.13	154	1357248	48.067	nq	99
47) 2-Chloronaphthalene	9.16	162	1061006	48.777	nq	98
48) 2-Nitroaniline	9.26	65	386641	49.050	nq	94
49) Acenaphthylene	9.57	152	1664523	50.317	nq	97
50) Dimethylphthalate	9.45	163	1476196	57.049	nq	100
51) 2,6-Dinitrotoluene	9.51	165	284682	50.241	nq	92
52) Acenaphthene	9.75	154	1001503	45.385	nq	98
53) 3-Nitroaniline	9.67	138	185687	28.693	nq	90
54) 2,4-Dinitrophenol	9.79	184	307813	90.735	nq	96
55) Dibenzofuran	9.92	168	1467906	48.475	nq	100
56) 4-Nitrophenol	9.87	139	417236	86.651	nq	99
57) 2,4-Dinitrotoluene	9.92	165	363111	48.638	nq	# 92
58) Fluorene	10.26	166	1175447	48.537	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	322775	51.355	nq	98
60) Diethylphthalate	10.15	149	1299089	48.440	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	558787	45.019	nq	100
62) 4-Nitroaniline	10.30	138	292822	47.479	nq	95
63) Azobenzene	10.42	77	1217689	50.664	nq	96
65) 4,6-Dinitro-2-methylphenol	10.33	198	207619	49.780	nq	99
66) n-Nitrosodiphenylamine	10.37	169	1088632	51.706	nq	100
67) 4-Bromophenyl-phenylether	10.74	248	356165	45.239	nq	97
68) Hexachlorobenzene	10.81	284	379687	47.540	nq	93
69) Atrazine	10.91	200	321412	54.868	nq	99
70) Pentachlorophenol	11.01	266	354933	77.116	nq	98
71) Phenanthrene	11.22	178	1707230	50.671	nq	99
72) Anthracene	11.27	178	1774457	51.554	nq	98
73) Carbazole	11.43	167	1619976	49.770	nq	98
74) Di-n-butylphthalate	11.76	149	2038053	47.630	nq	100
75) Fluoranthene	12.41	202	1896583	52.170	nq	98
77) Benzidine	12.53	184	989985	70.794	nq	98
78) Pyrene	12.64	202	1878826	53.873	nq	98
80) Butylbenzylphthalate	13.26	149	828479	48.957	nq	96
81) Benzo(a)anthracene	13.83	228	1393278	51.195	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	441902	43.517	nq	98
83) Chrysene	13.86	228	1416683	51.231	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1113210	48.577	nq	99
85) Di-n-octyl phthalate	14.43	149	1809040	46.363	nq	98
86) Indeno(1,2,3-cd)pyrene	16.61	276	1291008	52.962	nq	99
88) Benzo(b)fluoranthene	14.85	252	1415901	53.512	nq	100
89) Benzo(k)fluoranthene	14.87	252	1085473	47.547	nq	98
90) Benzo(a)pyrene	15.19	252	1140360	51.259	nq	99
91) Dibenzo(a,h)anthracene	16.63	278	1060786	53.830	nq	99
92) Benzo(g,h,i)perylene	17.02	276	1078237	55.431	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120215.D

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ClientSampleId :

RBR-200010MSD

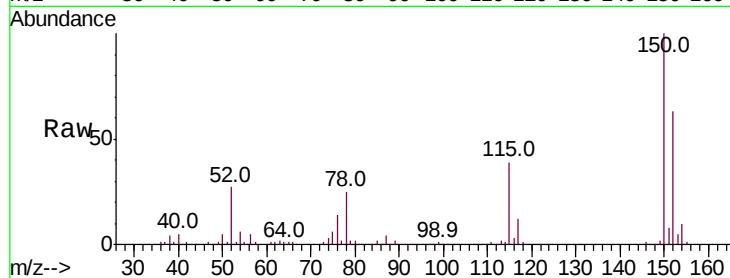
Tot Ion:152 Resp: 166474

Ion Ratio Lower Upper

152 100

150 157.9 124.5 186.7

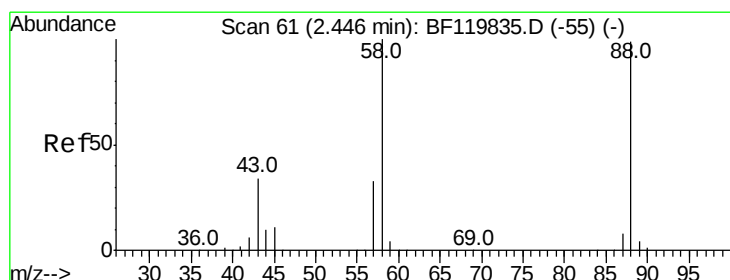
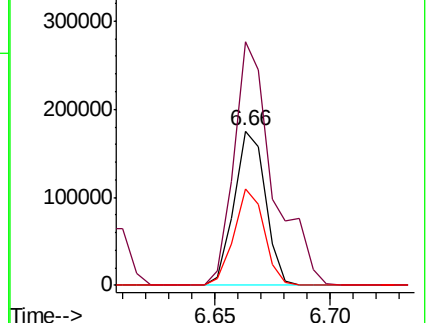
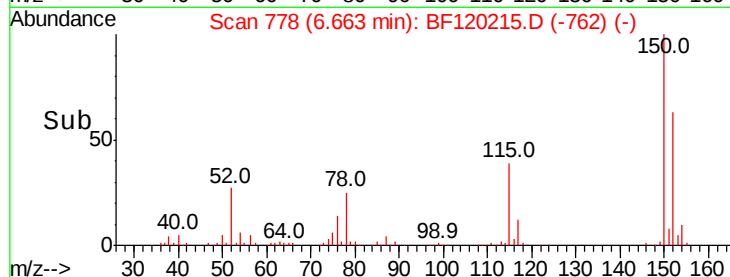
115 62.1 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.225 ng

RT: 2.36 min Scan# 46

Delta R.T. 0.08 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

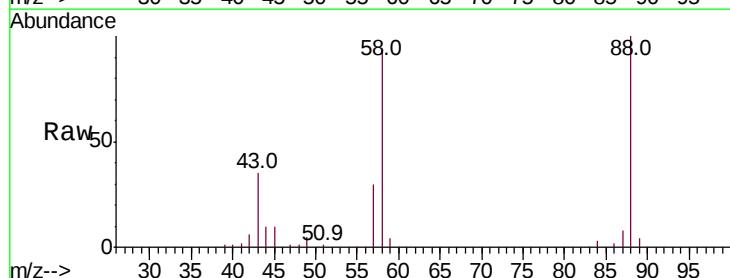
Tgt Ion: 88 Resp: 185457

Ion Ratio Lower Upper

88 100

58 102.3 80.6 121.0

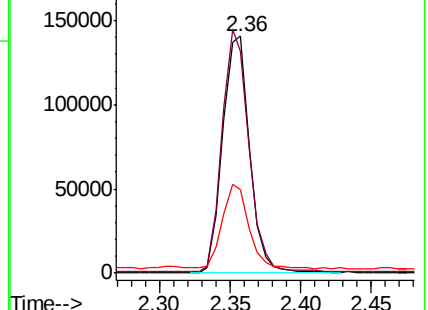
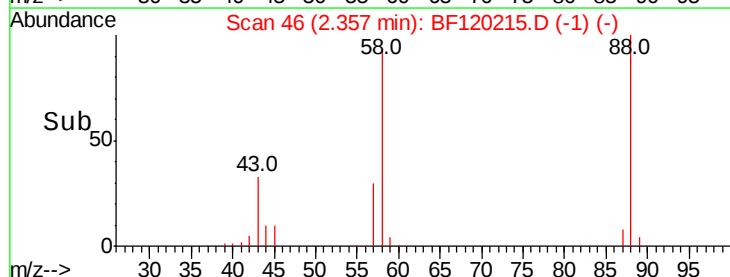
43 35.0 27.5 41.3

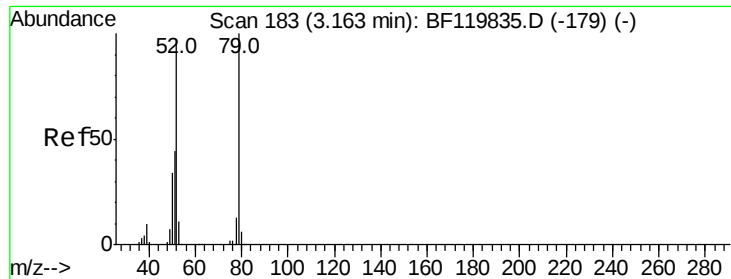


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

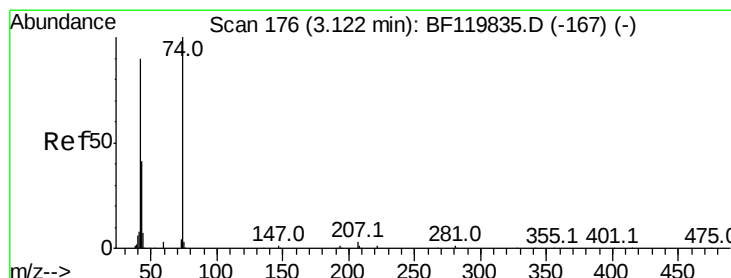
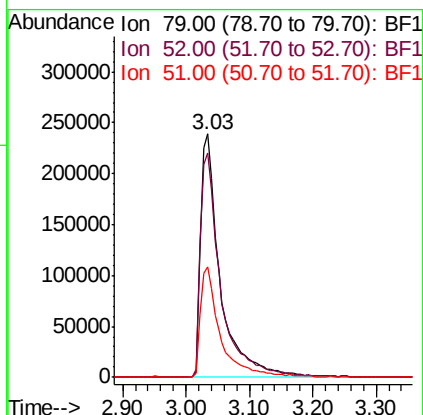
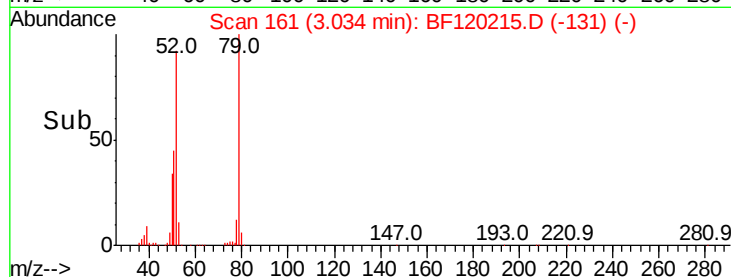
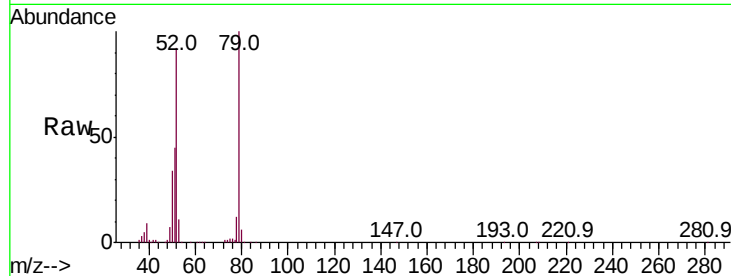




#3
 Pvridine
 Concen: 43.628 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.08 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

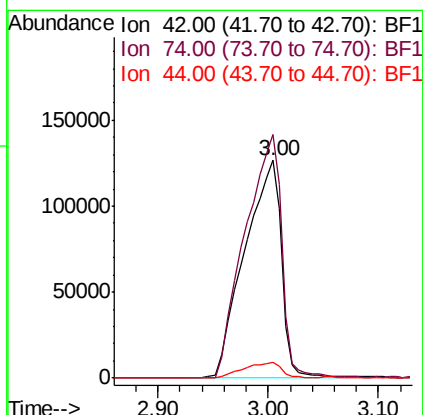
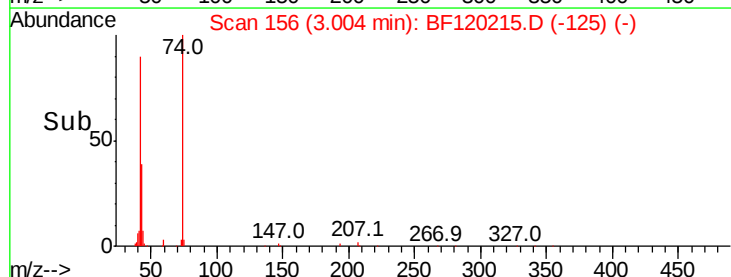
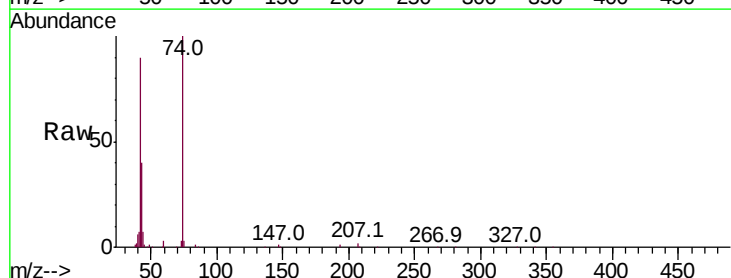
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

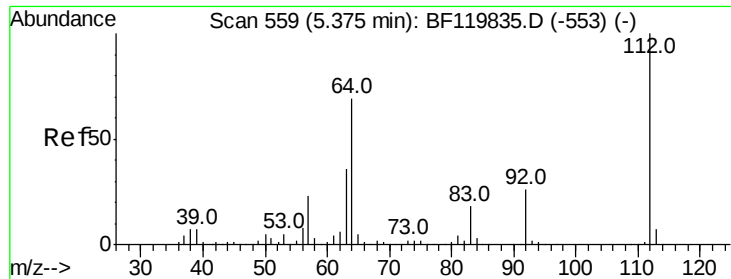
Tot Ion: 79 Resp: 513578
 Ion Ratio Lower Upper
 79 100
 52 92.1 80.2 120.2
 51 45.3 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 49.247 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.08 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion: 42 Resp: 296195
 Ion Ratio Lower Upper
 42 100
 74 111.7 91.5 137.3
 44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 96.262 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

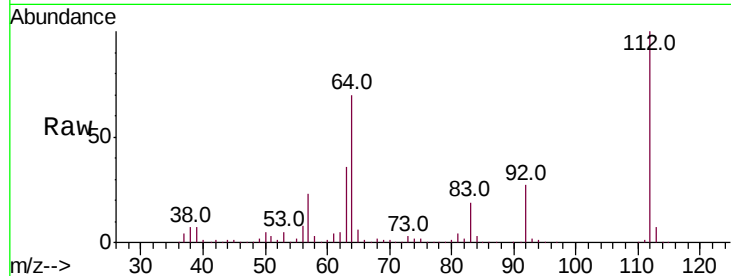
Tot Ion:112 Resp: 927285

Ion Ratio Lower Upper

112 100

64 70.2 56.7 85.1

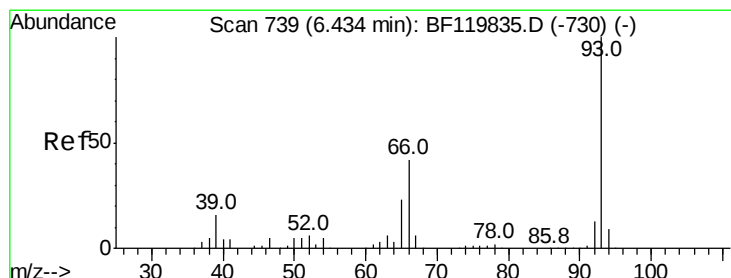
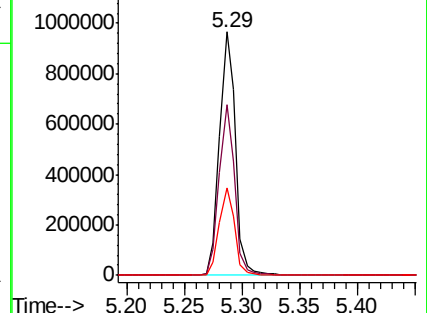
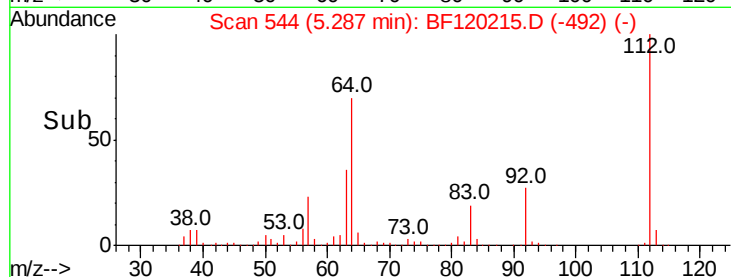
63 36.0 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.773 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

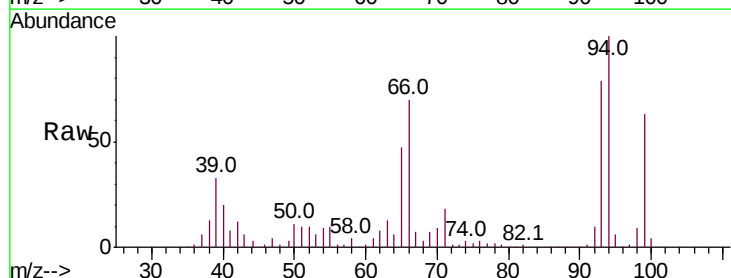
Tgt Ion: 93 Resp: 615382

Ion Ratio Lower Upper

93 100

66 89.4 34.9 52.3#

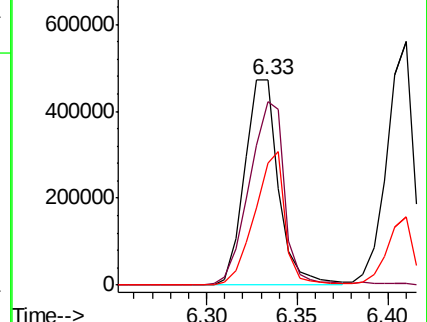
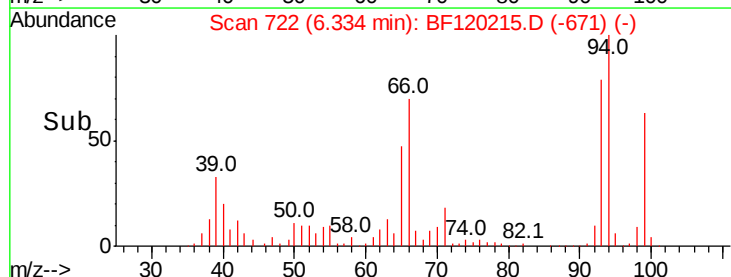
65 59.1 18.6 27.8#

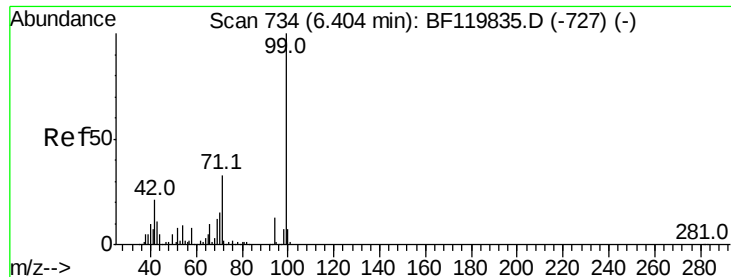


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.461 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

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ClientSampleId :

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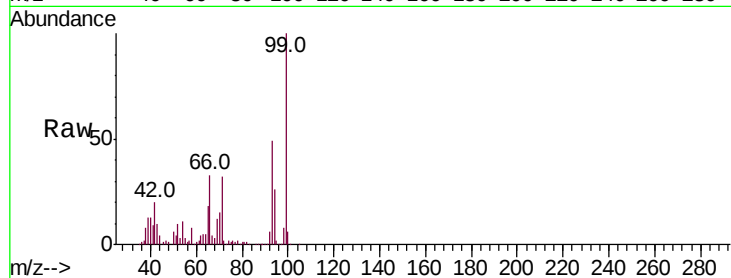
Tot Ion: 99 Resp: 1172492

Ion Ratio Lower Upper

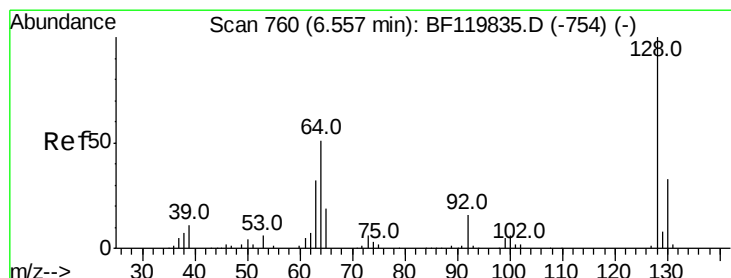
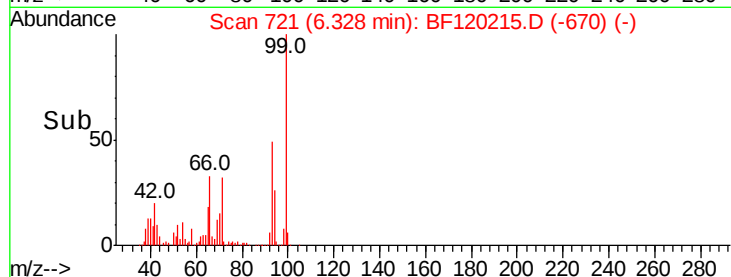
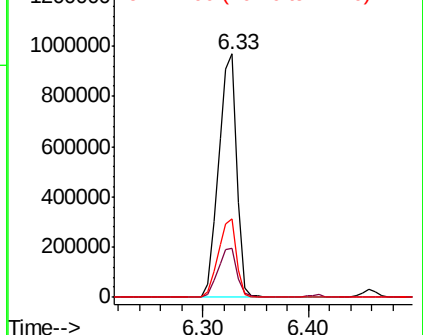
99 100

42 20.1 16.6 24.8

71 32.1 26.4 39.6



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



#8

2-Chlorophenol

Concen: 54.986 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

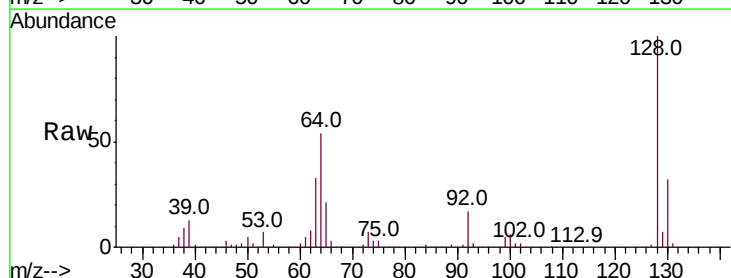
Tgt Ion:128 Resp: 591815

Ion Ratio Lower Upper

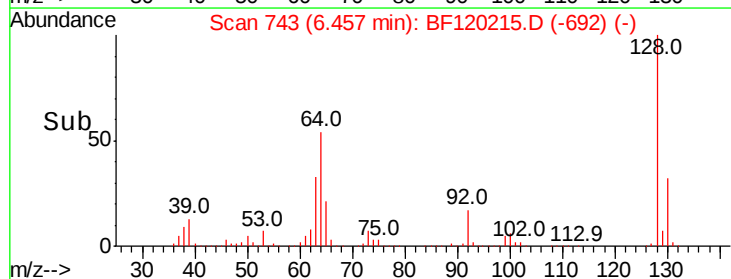
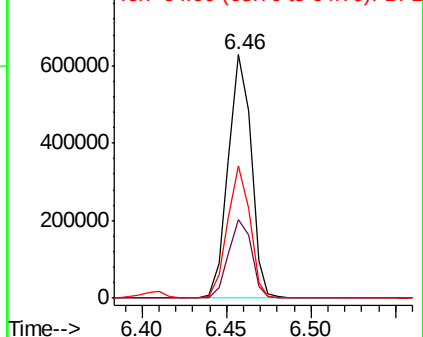
128 100

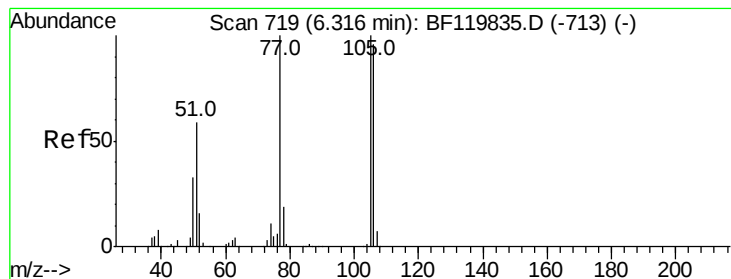
130 32.1 12.6 52.6

64 54.5 35.3 75.3



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





#9

Benzaldehyde

Concen: 31.078 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

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ClientSampleId :

RBR-200010MSD

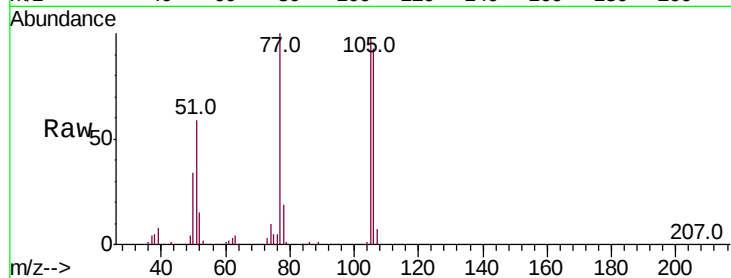
Tot Ion: 77 Resp: 228179

Ion Ratio Lower Upper

77 100

105 98.3 80.9 120.9

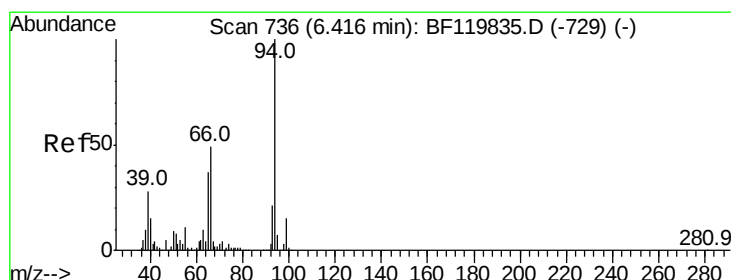
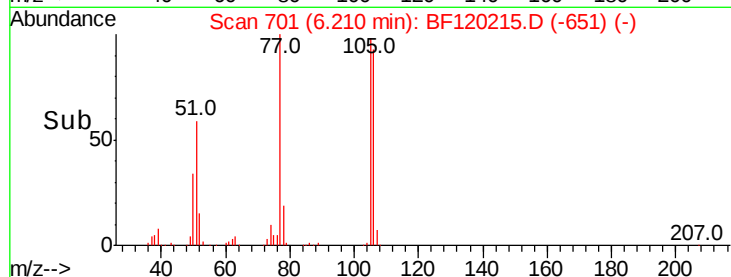
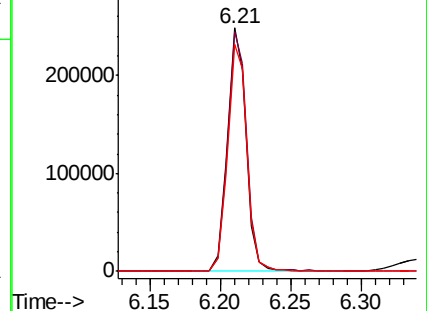
106 93.1 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 53.260 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

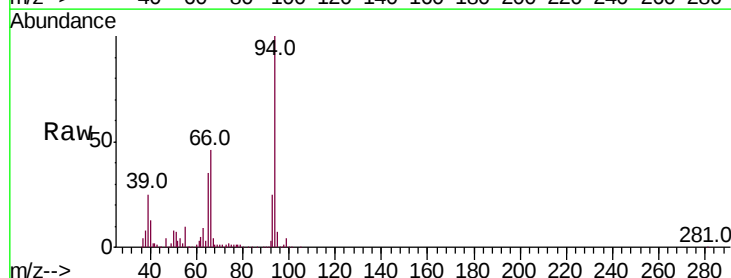
Tgt Ion: 94 Resp: 750004

Ion Ratio Lower Upper

94 100

65 35.2 13.2 53.2

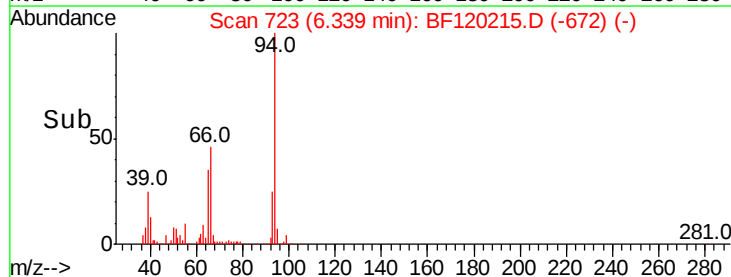
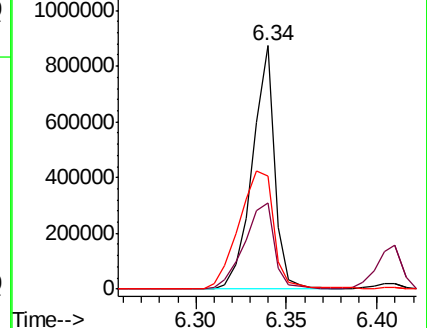
66 46.4 22.3 62.3

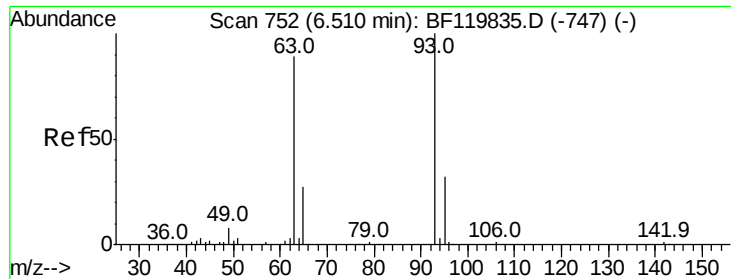


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

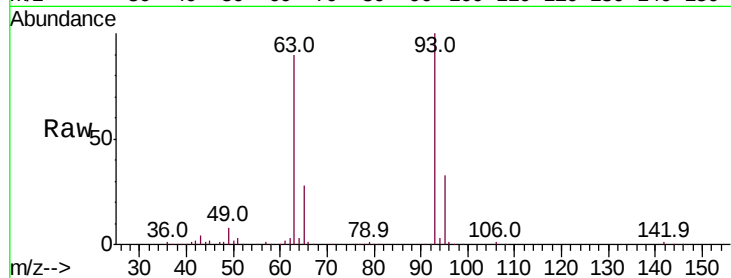




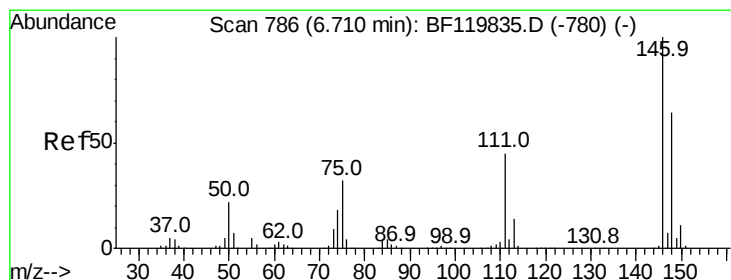
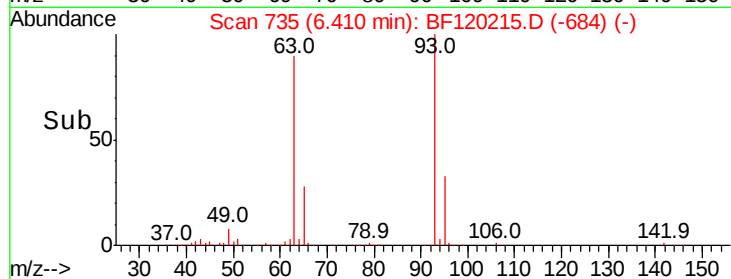
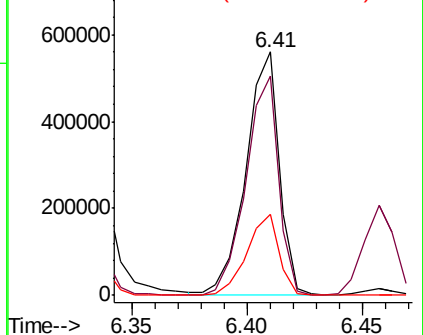
#11
bis(2-Chloroethyl)ether
Concen: 51.846 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion: 93 Resp: 563710
Ion Ratio Lower Upper
93 100
63 89.9 70.2 110.2
95 33.4 13.4 53.4

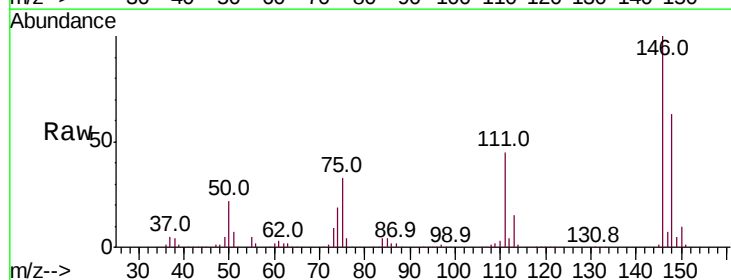


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

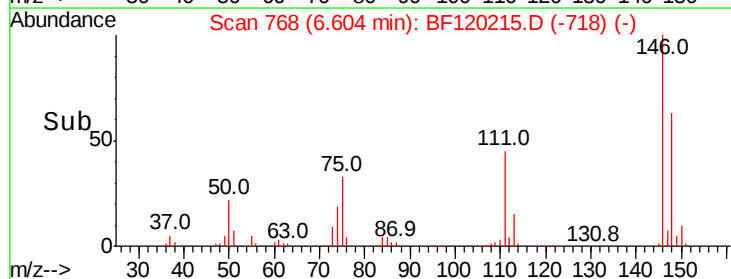
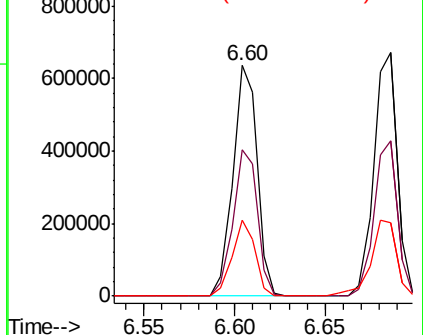


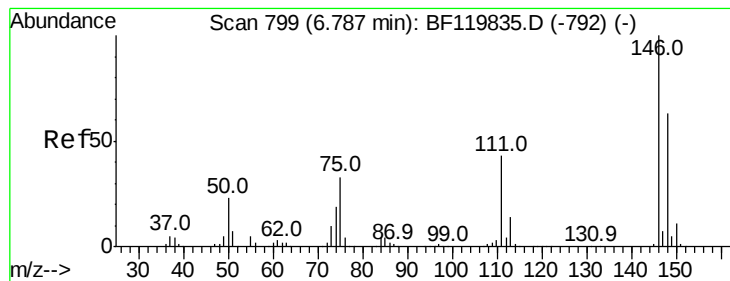
#12
1,3-Dichlorobenzene
Concen: 50.385 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion: 146 Resp: 593704
Ion Ratio Lower Upper
146 100
148 63.4 52.2 78.4
75 33.2 23.0 34.4



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





#13

1,4-Dichlorobenzene

Concen: 50.267 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

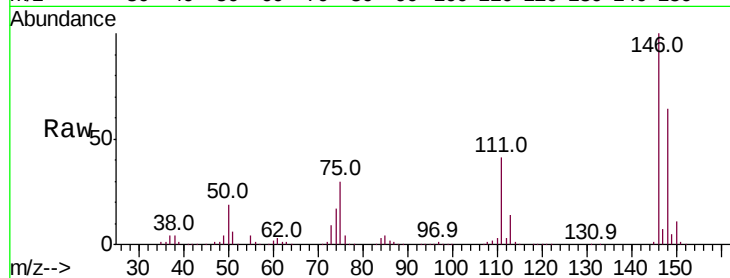
Tot Ion:146 Resp: 603371

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

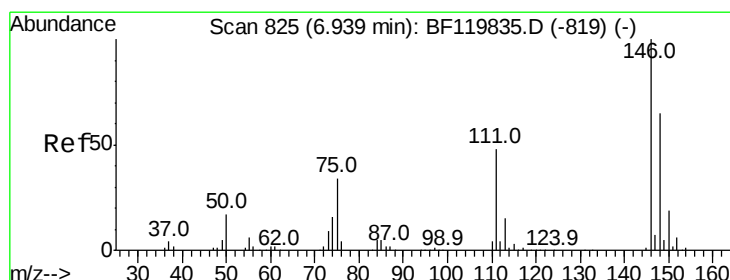
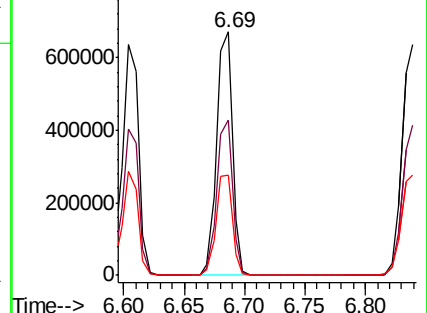
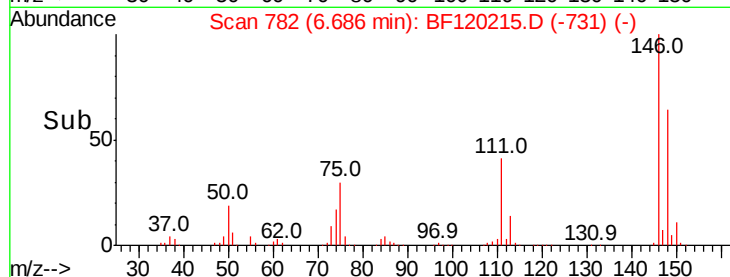
111 41.0 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.078 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

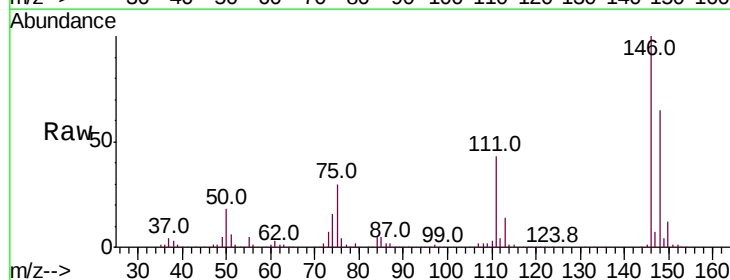
Tgt Ion:146 Resp: 565027

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

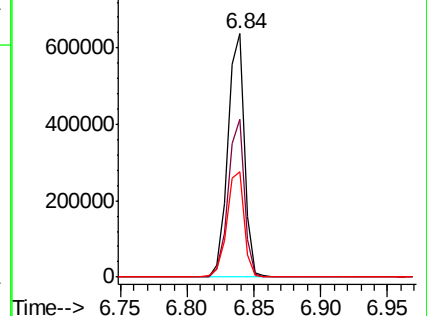
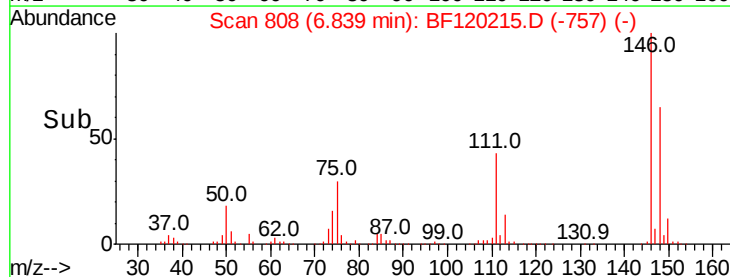
111 43.2 36.1 54.1

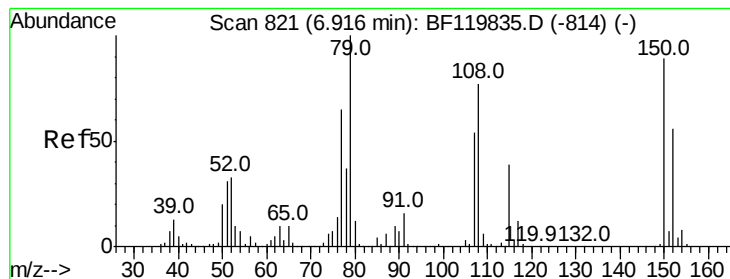


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.262 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

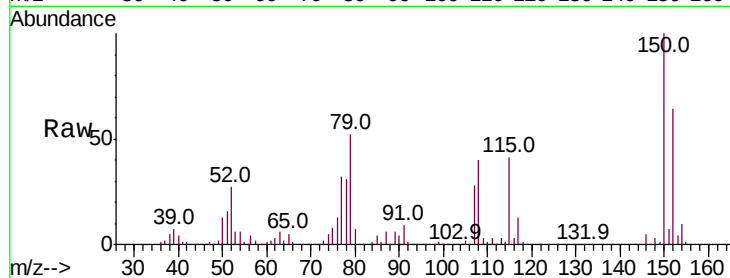
Tot Ion: 79 Resp: 474919

Ion Ratio Lower Upper

79 100

108 77.3 60.6 90.8

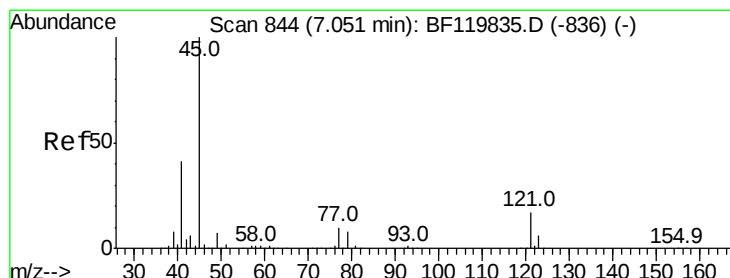
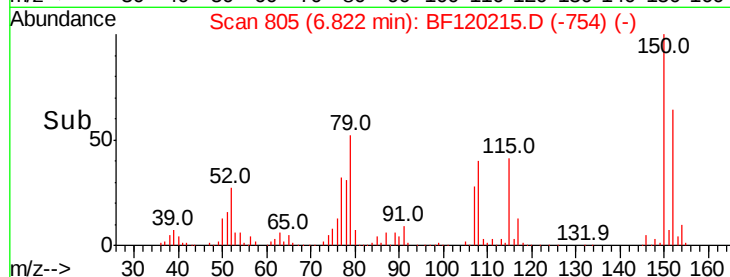
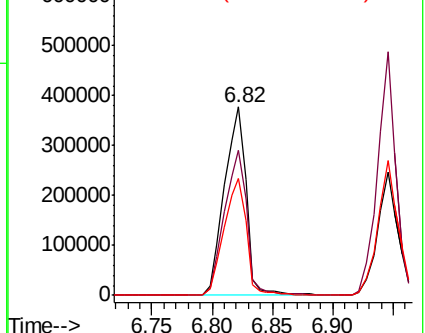
77 61.8 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.410 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

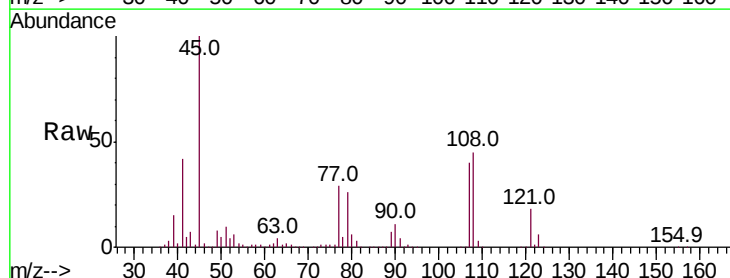
Tgt Ion: 45 Resp: 918458

Ion Ratio Lower Upper

45 100

77 28.8 0.0 30.7

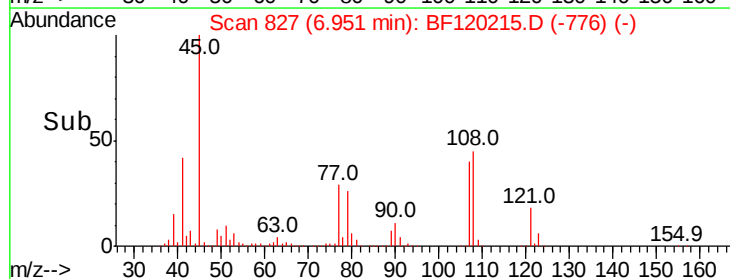
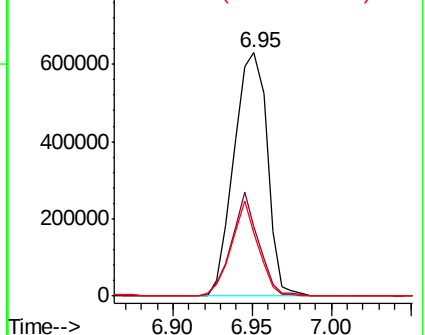
79 26.1 0.0 28.2

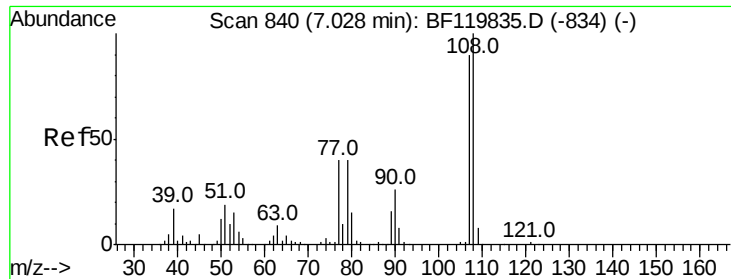


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

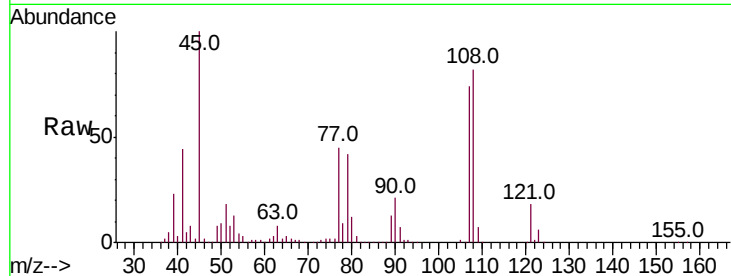




#17
2-Methylphenol
Concen: 48.473 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	92.2	138.4
77	61.5	36.6	54.8#
79	56.5	36.2	54.4#



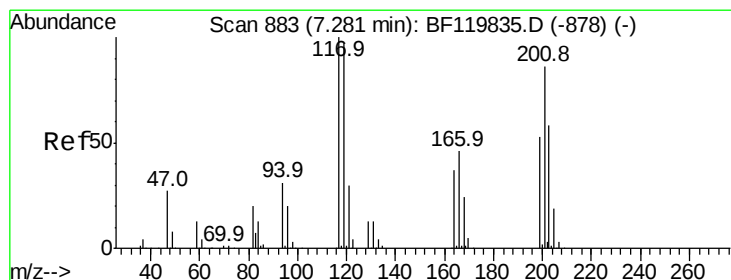
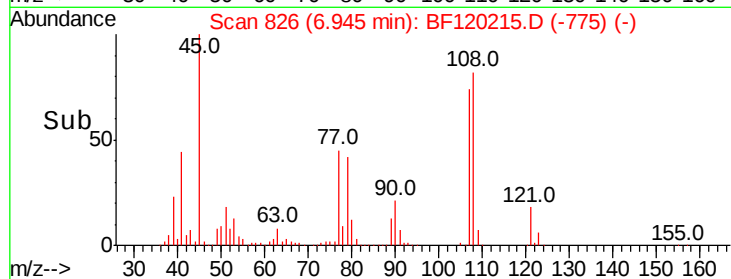
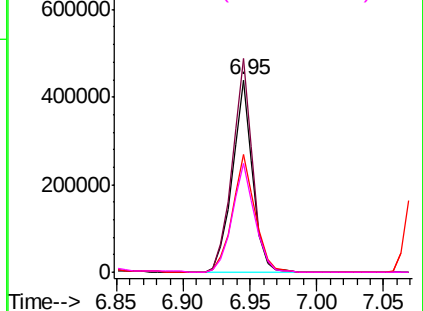
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

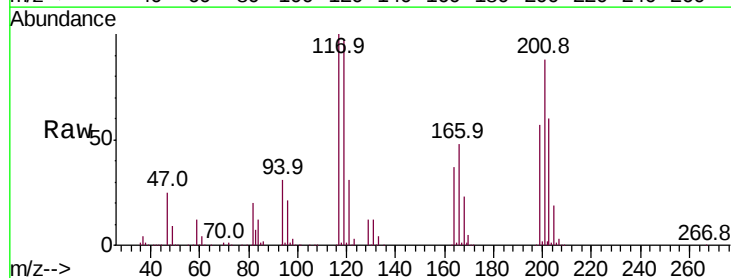
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 50.714 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
201	88.4	73.0	109.6

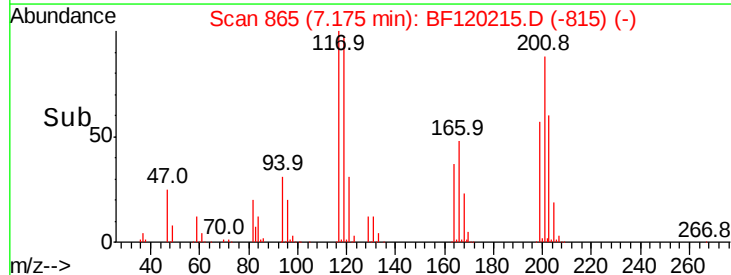
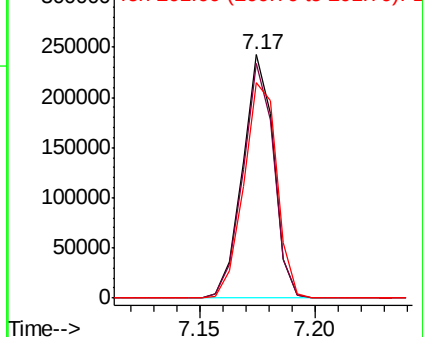


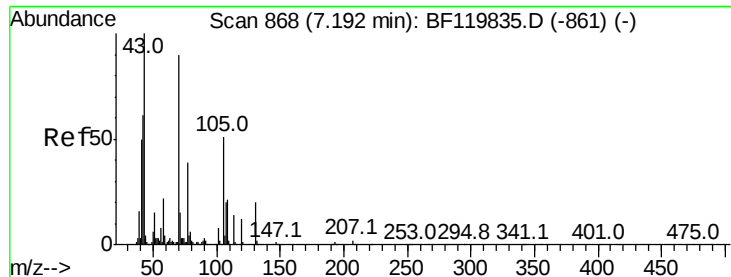
Abundance

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

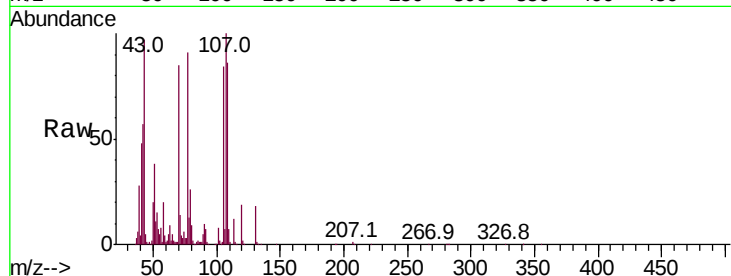




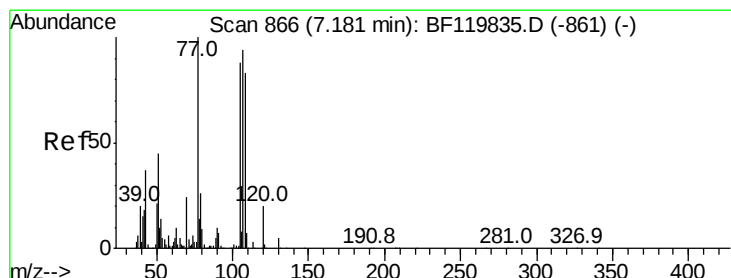
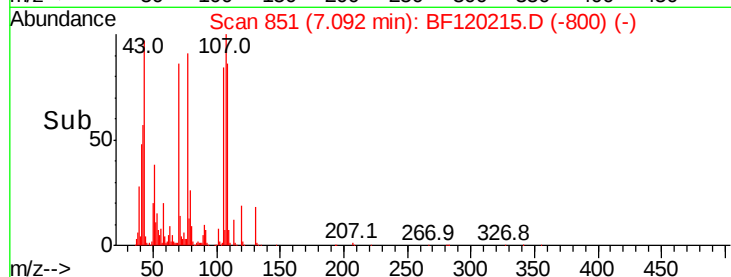
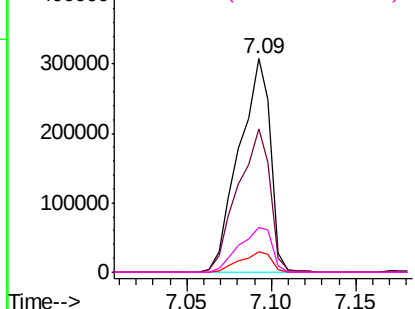
#19
n-Nitroso-di-n-propylamine
Concen: 50.008 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:	70	Resp:	399154
Ion	Ratio	Lower	Upper
70	100		
42	67.1	54.5	81.7
101	9.6	7.6	11.4
130	21.0	17.6	26.4

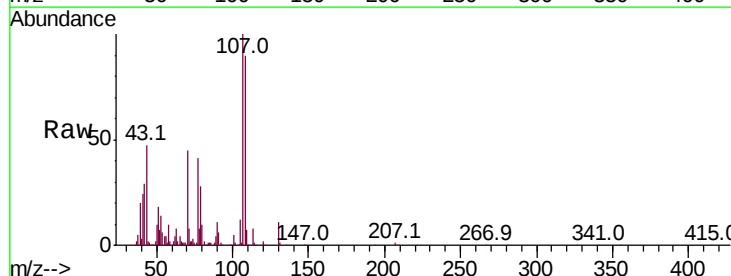


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

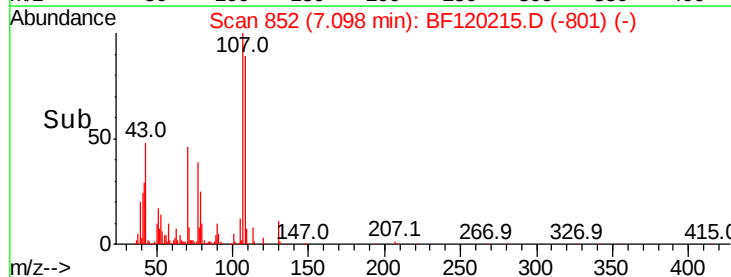
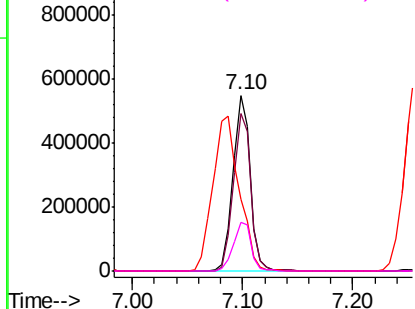


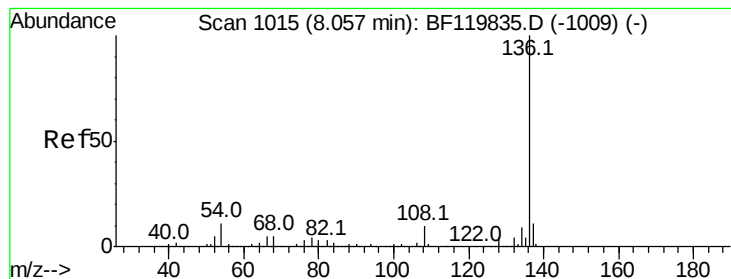
#20
3+4-Methylphenols
Concen: 51.360 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:	107	Resp:	603351
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	40.7	52.9	92.9#
79	27.9	7.7	47.7



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: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

Tot Ion:136 Resp: 646518

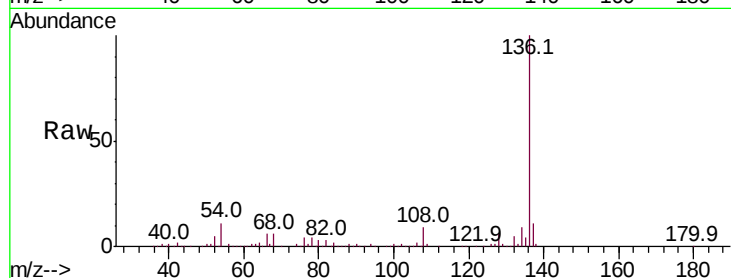
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.7 9.1 13.7

68 5.6 4.6 6.8

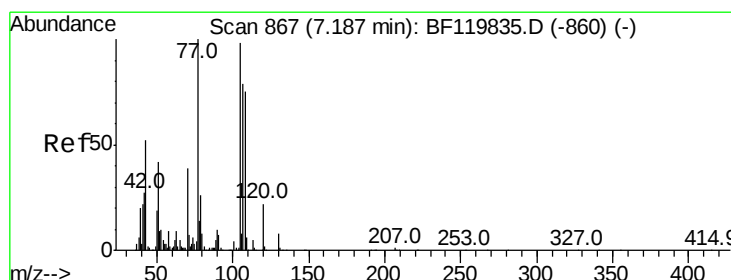
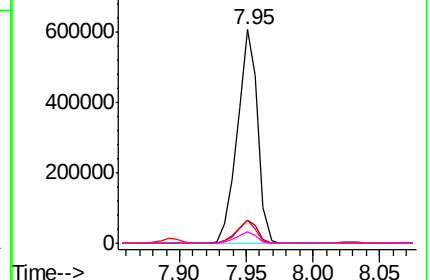
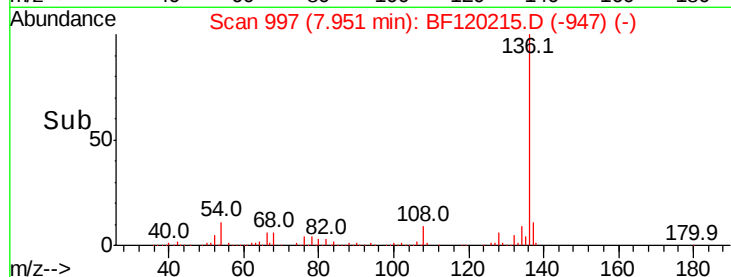


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.497 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion:105 Resp: 794774

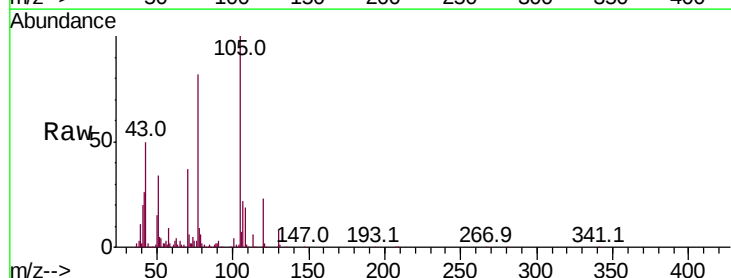
Ion Ratio Lower Upper

105 100

71 6.4 5.7 8.5

51 33.9 26.2 39.4

120 22.6 18.3 27.5

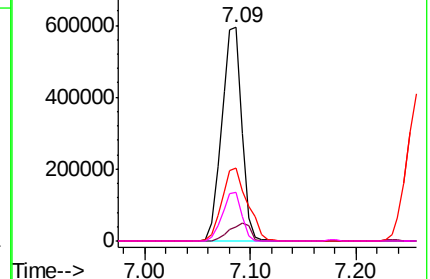
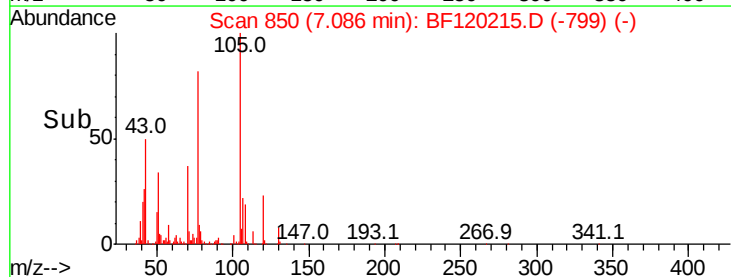


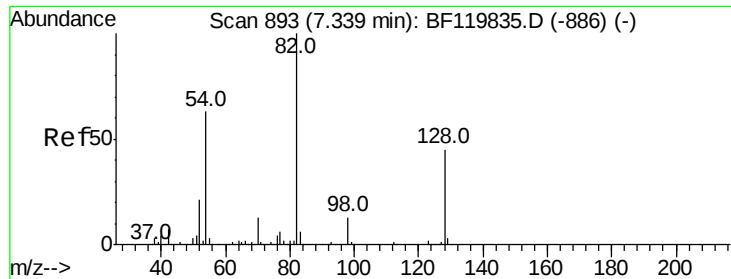
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

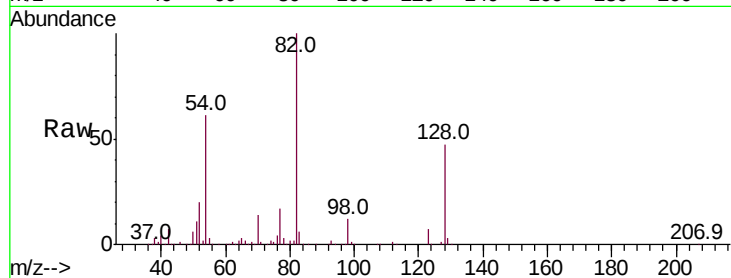




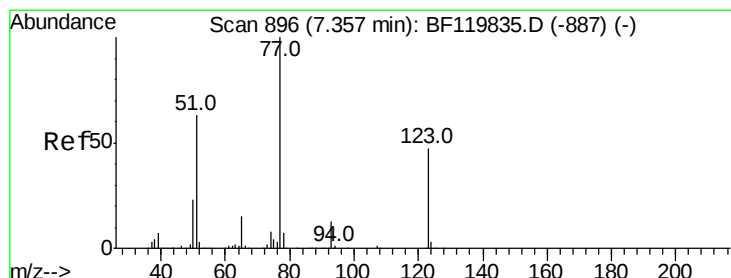
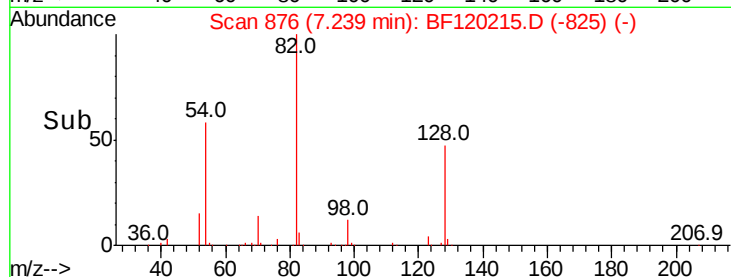
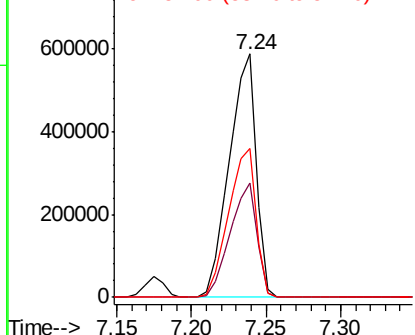
#23
Nitrobenzene-d5
Concen: 59.783 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion: 82 Resp: 747108
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 60.9 50.6 75.8

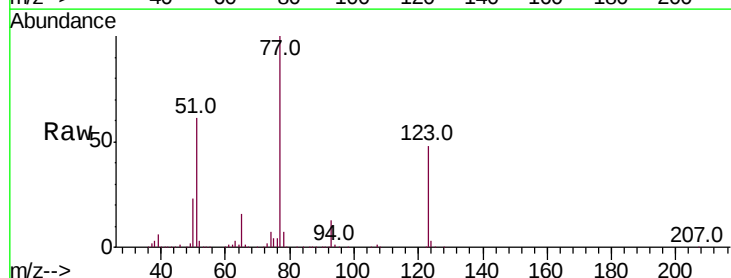


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

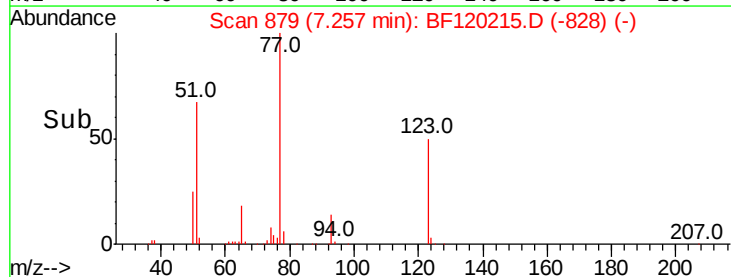
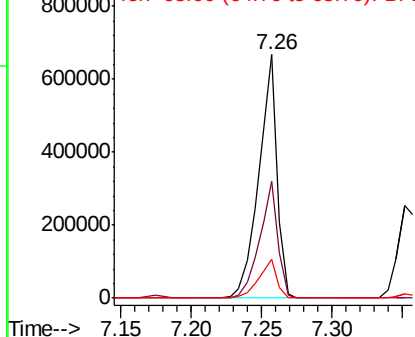


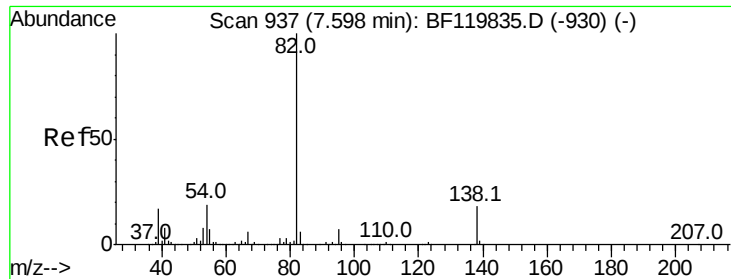
#24
Nitrobenzene
Concen: 48.957 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion: 77 Resp: 615462
Ion Ratio Lower Upper
77 100
123 48.1 38.0 57.0
65 15.7 12.6 18.8



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

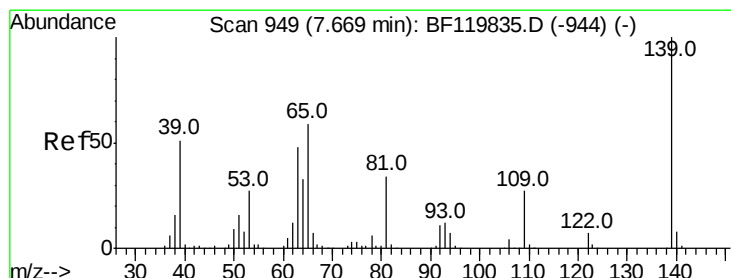
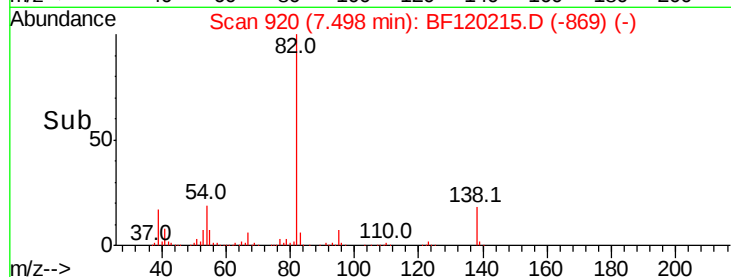
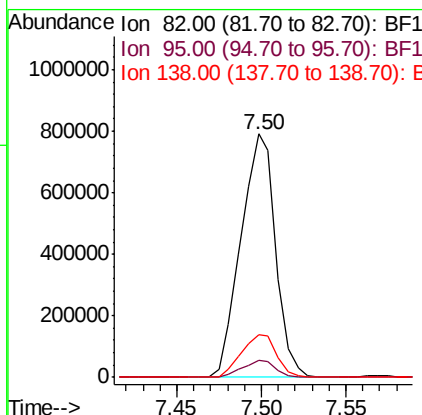
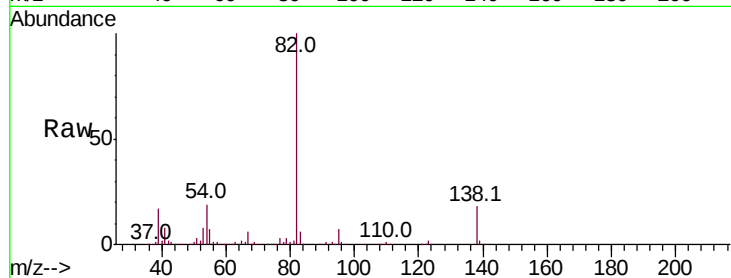




#25
Isophorone
Concen: 46.942 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

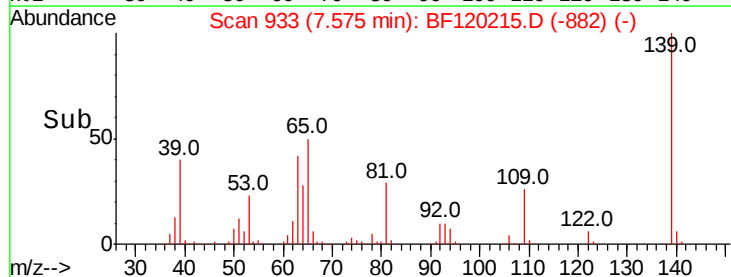
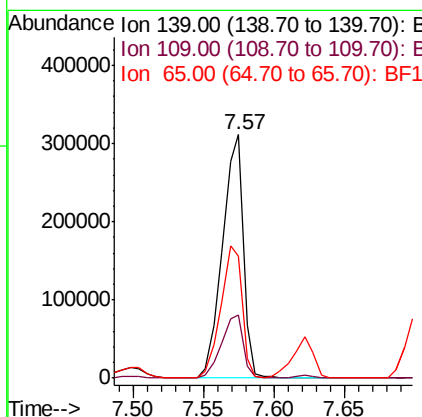
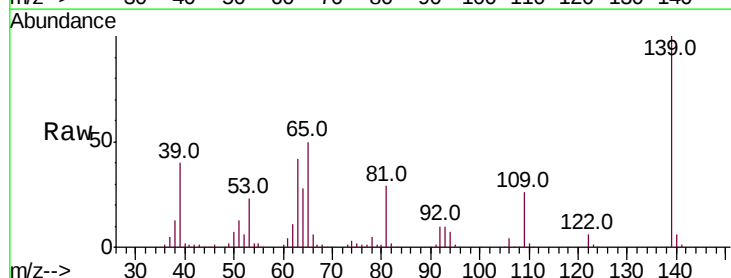
Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

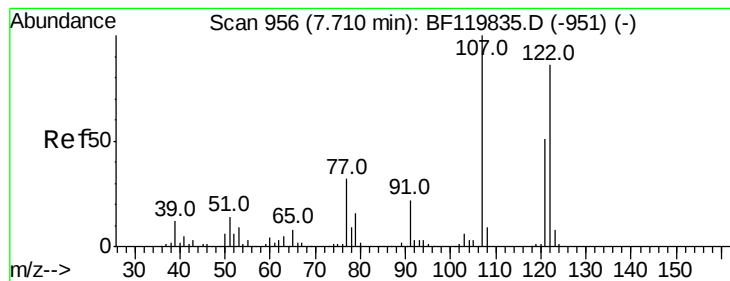
Tot Ion: 82 Resp: 1130857
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 51.215 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:139 Resp: 321672
Ion Ratio Lower Upper
139 100
109 25.8 22.1 33.1
65 50.1 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 52.929 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

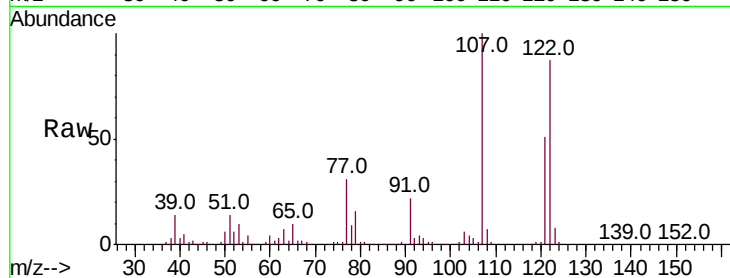
Tot Ion:122 Resp: 501373

Ion Ratio Lower Upper

122 100

107 114.6 89.0 133.6

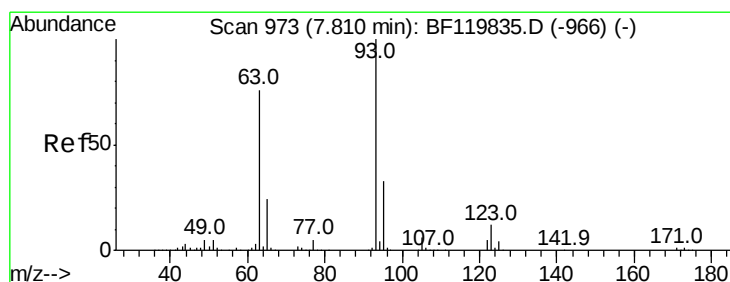
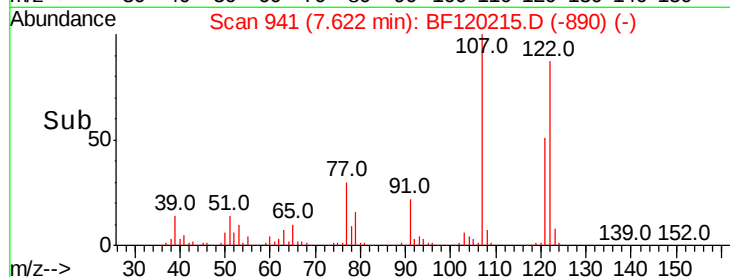
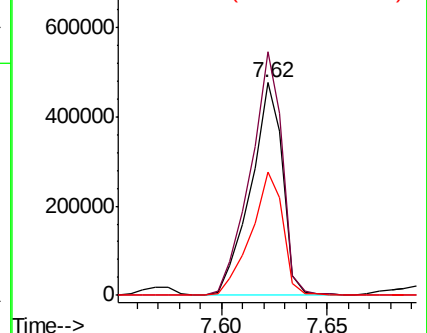
121 58.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.843 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

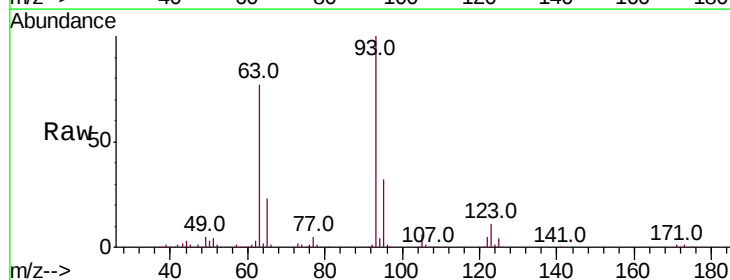
Tgt Ion: 93 Resp: 706572

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

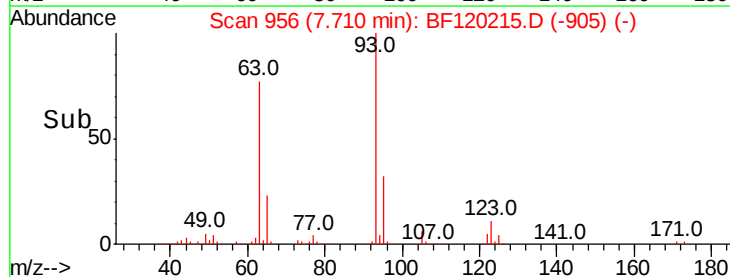
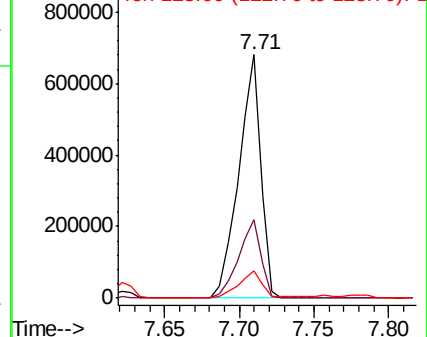
123 11.4 9.7 14.5

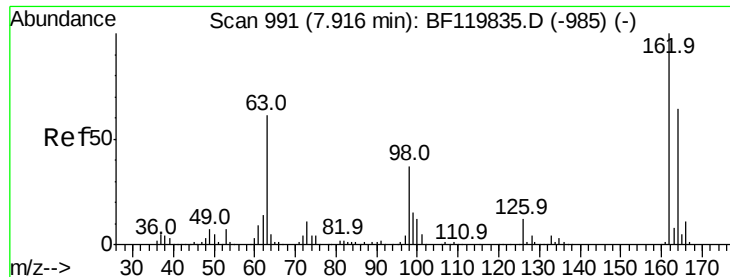


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

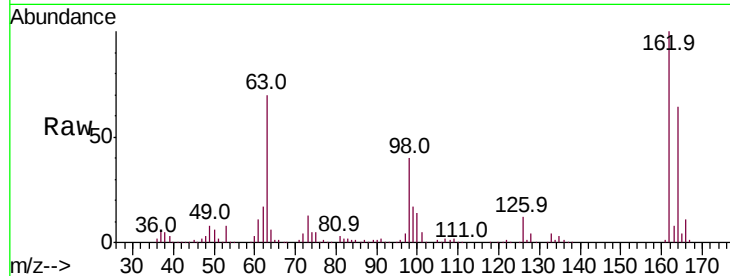




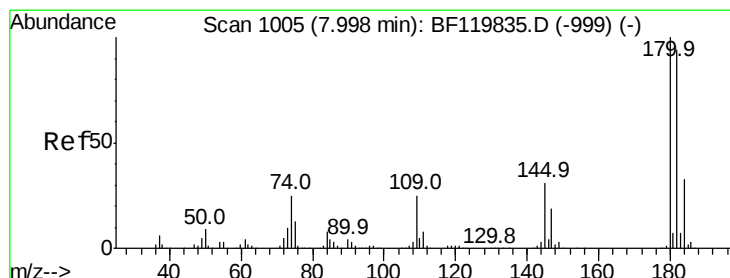
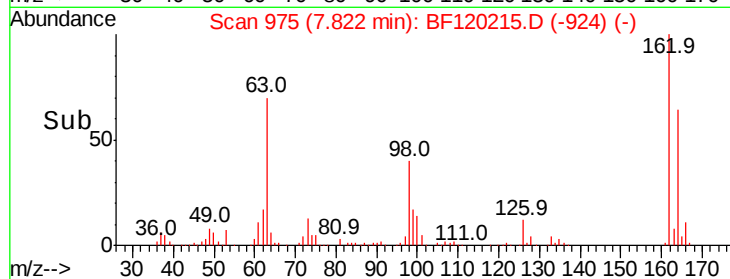
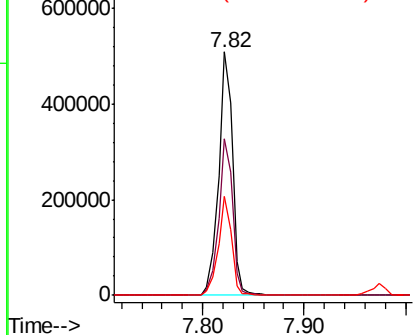
#29
 2,4-Dichlorophenol
 Concen: 49.888 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	40.5	20.7	60.7

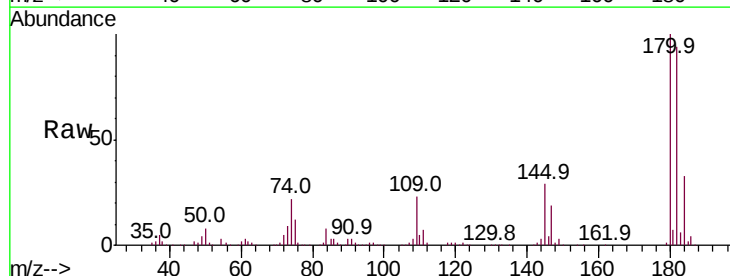


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

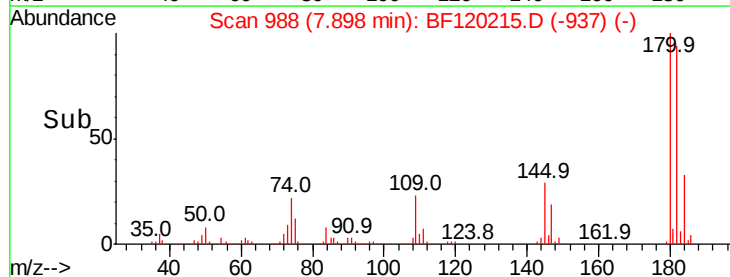
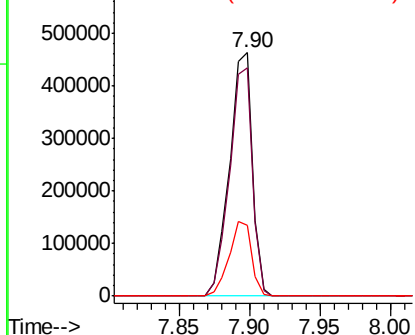


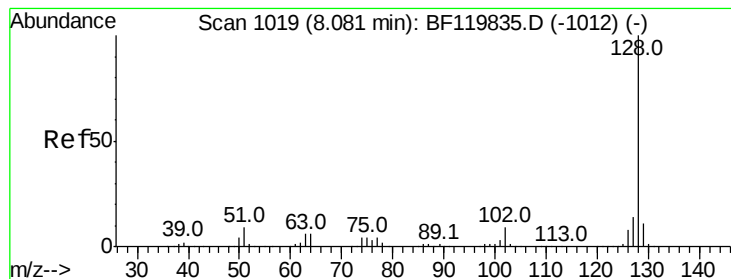
#30
 1,2,4-Trichlorobenzene
 Concen: 47.455 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.7	112.1
145	29.3	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.207 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

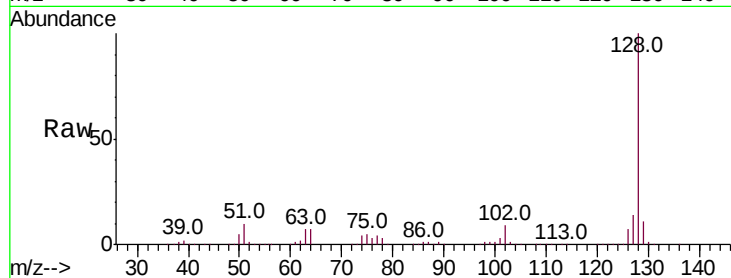
Tot Ion:128 Resp: 1673770

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

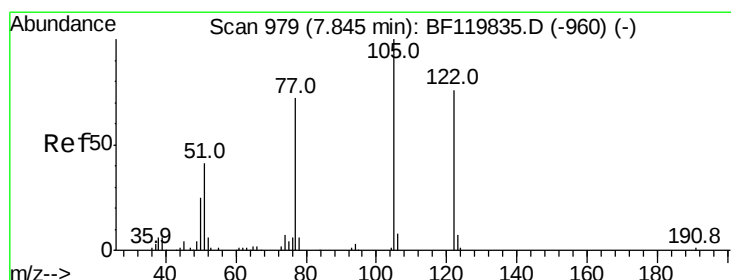
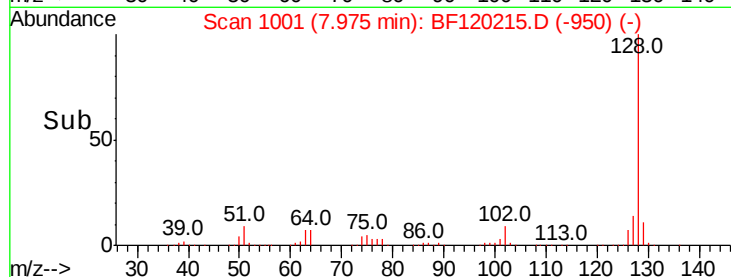
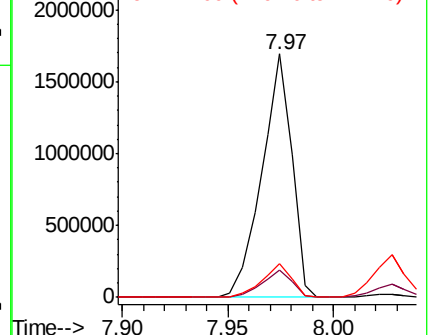
127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.422 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

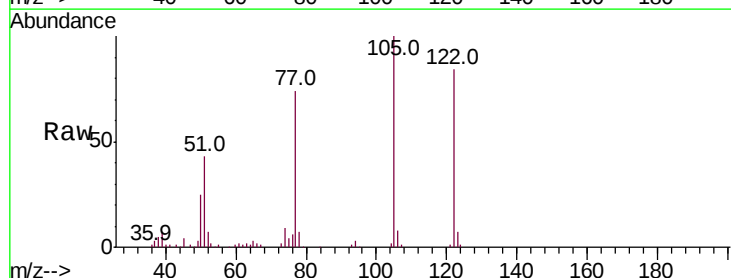
Tgt Ion:122 Resp: 377878

Ion Ratio Lower Upper

122 100

105 118.5 104.9 144.9

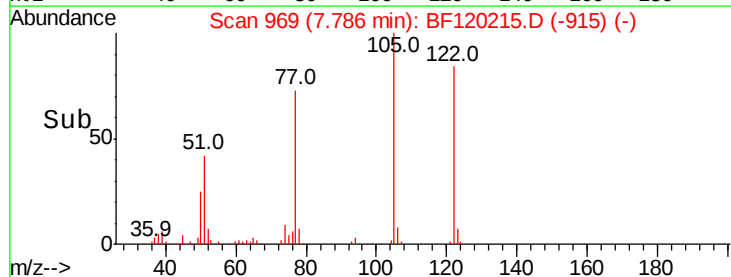
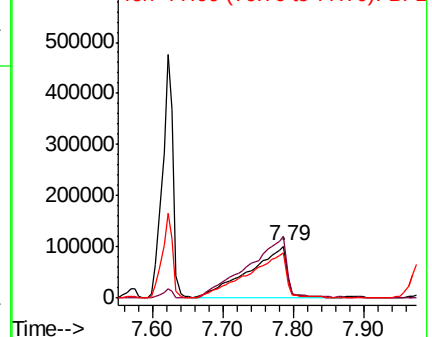
77 87.5 74.4 114.4

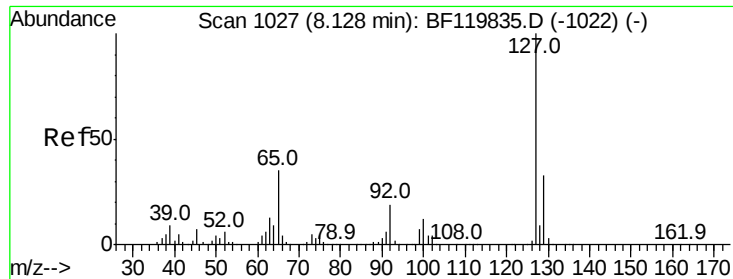


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

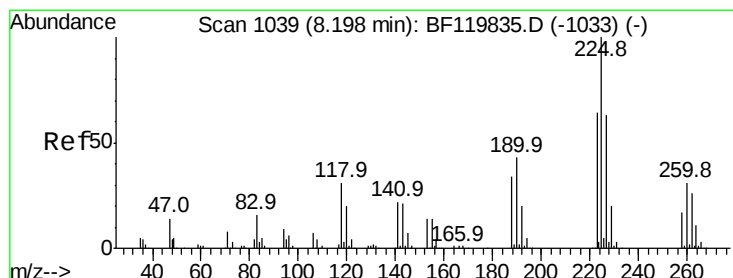
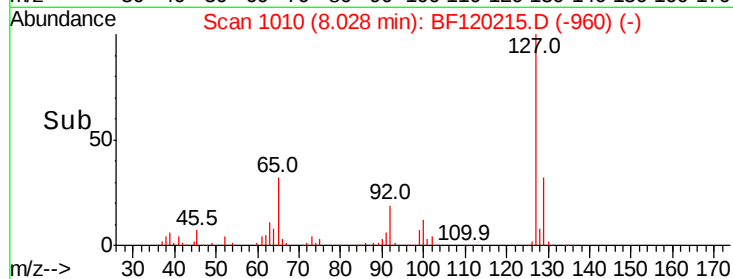
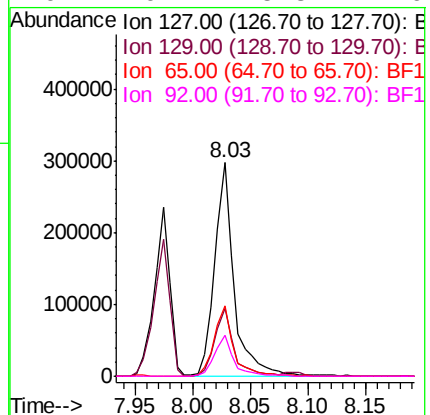
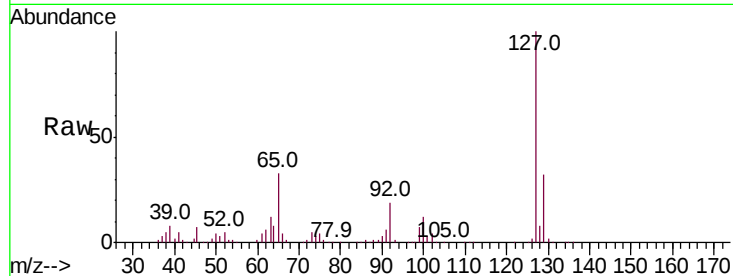




#33
4-Chloroaniline
Concen: 23.320 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

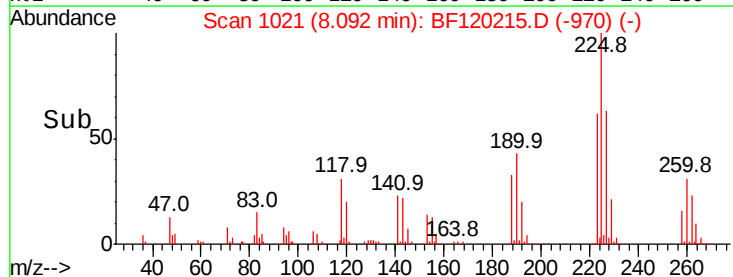
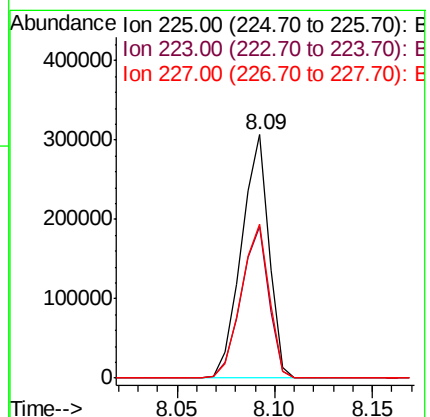
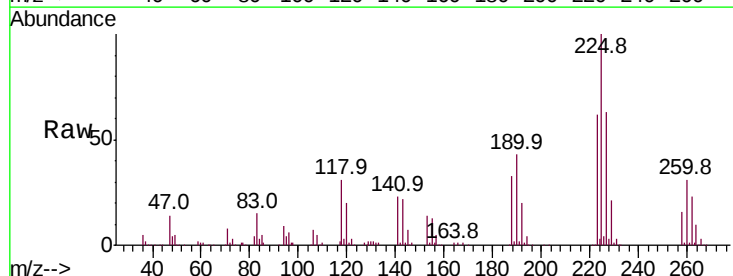
Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

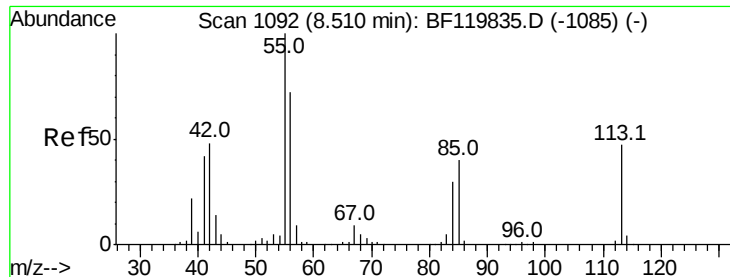
Tot Ion:	127	Resp:	345330
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	33.2	27.4	41.0
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.403 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:	225	Resp:	299013
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.4	50.7	76.1

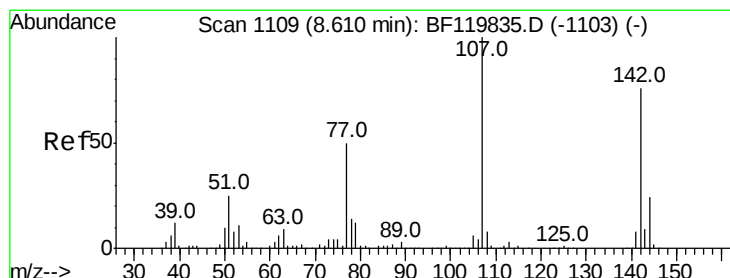
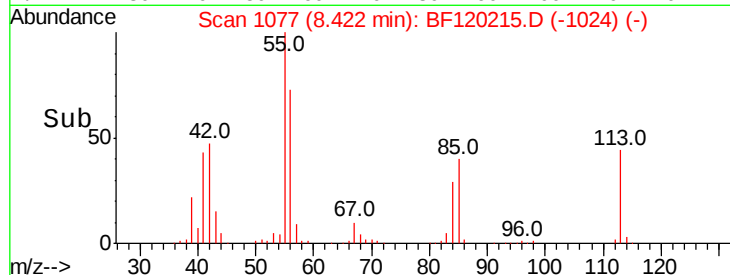
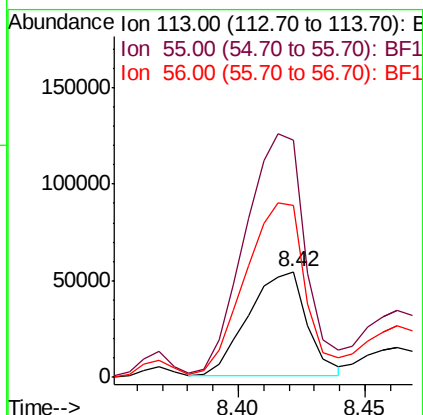
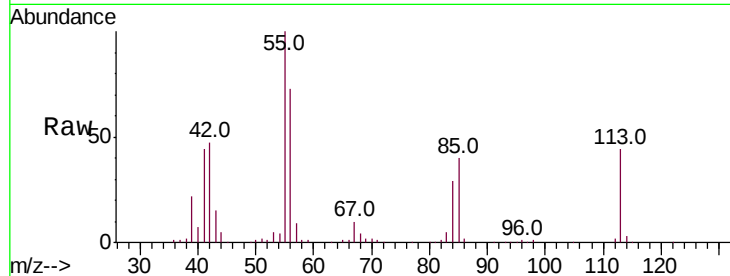




#35
Caprolactam
Concen: 29.155 ng
RT: 8.42 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

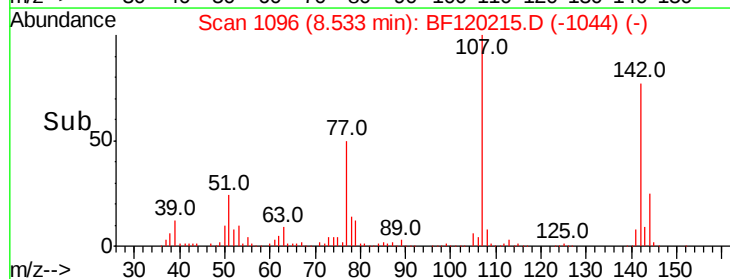
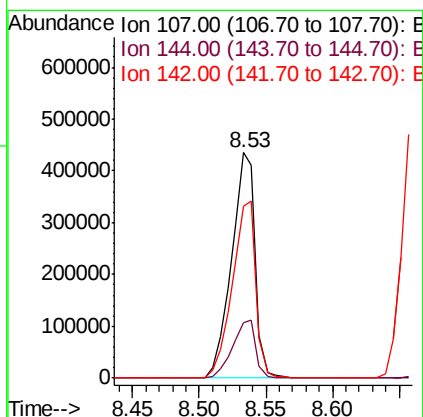
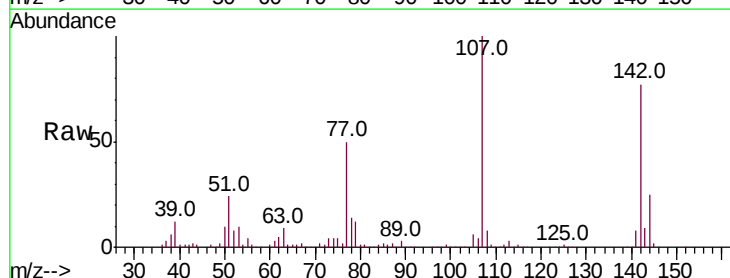
Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

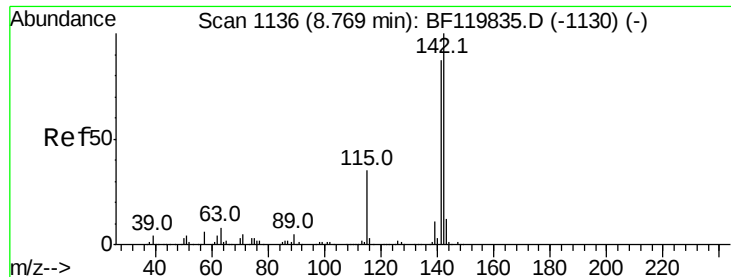
Tot Ion:113 Resp: 86595
Ion Ratio Lower Upper
113 100
55 225.1 218.4 258.4
56 163.5 148.9 188.9



#36
4-Chloro-3-methylphenol
Concen: 51.321 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:107 Resp: 539504
Ion Ratio Lower Upper
107 100
144 24.5 21.0 31.6
142 76.6 64.4 96.6

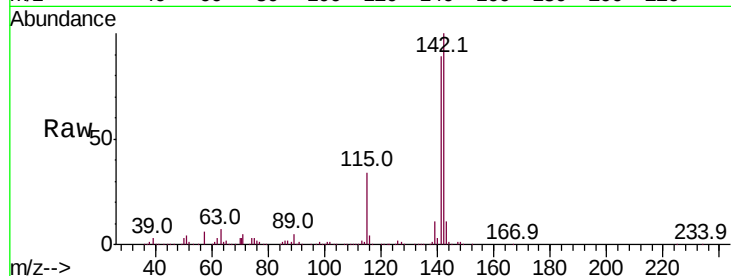




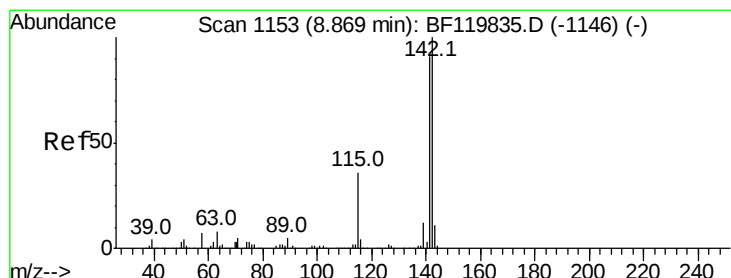
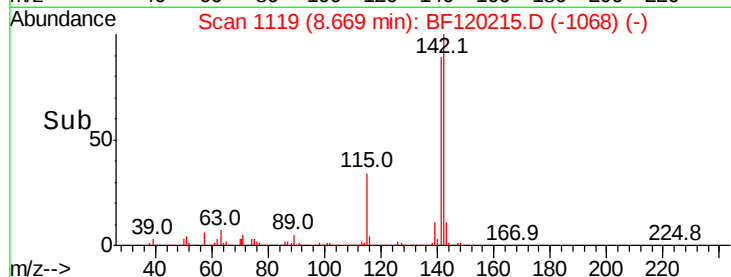
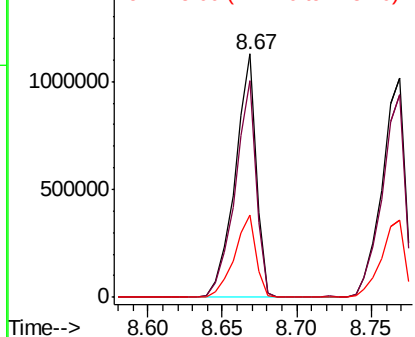
#37
2-Methylnaphthalene
Concen: 48.728 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:142 Resp: 1123739
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 34.0 27.9 41.9

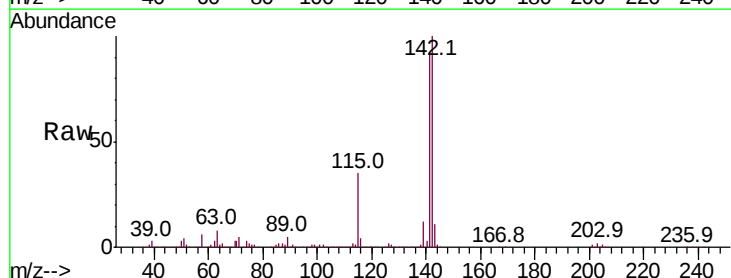


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

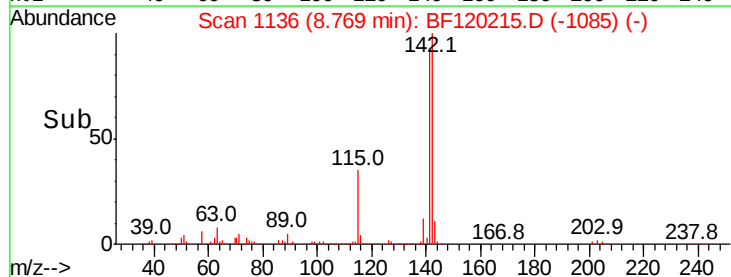
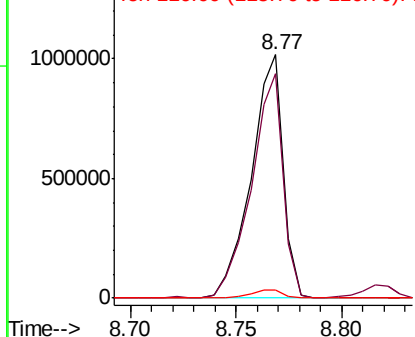


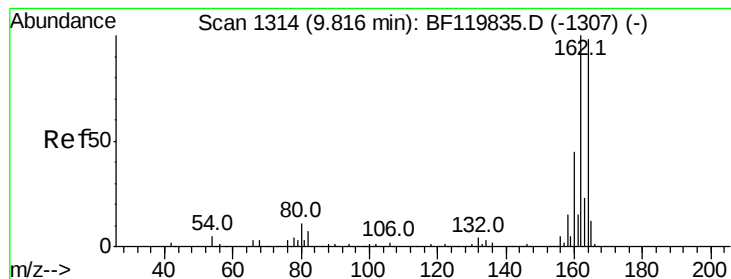
#38
1-Methylnaphthalene
Concen: 49.045 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:142 Resp: 1066060
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5
116 3.6 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

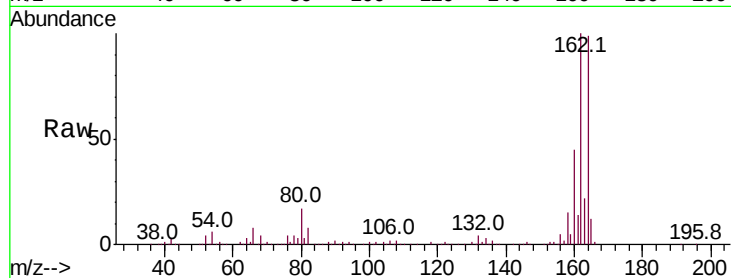
Tot Ion:164 Resp: 334535

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

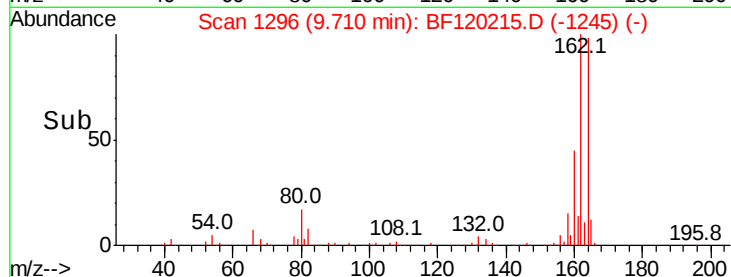
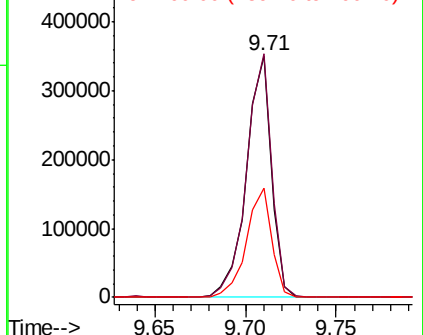
160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.211 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion:216 Resp: 498831

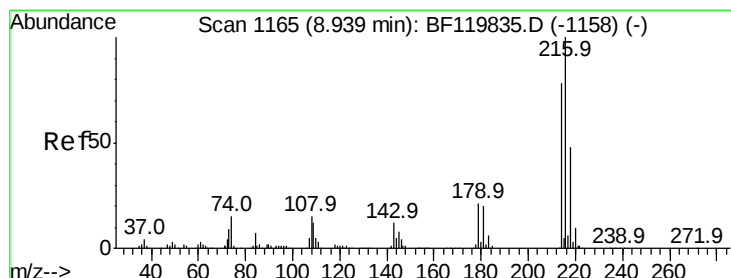
Ion Ratio Lower Upper

216 100

214 80.0 63.2 94.8

179 21.6 17.1 25.7

108 19.8 15.1 22.7

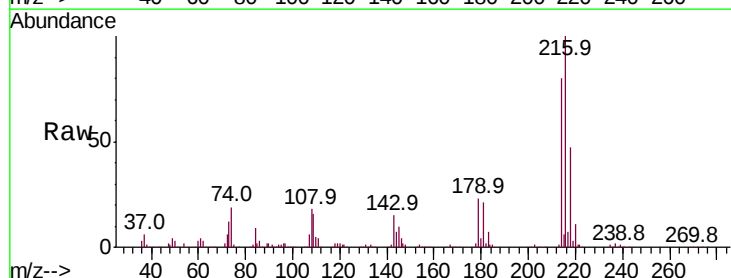
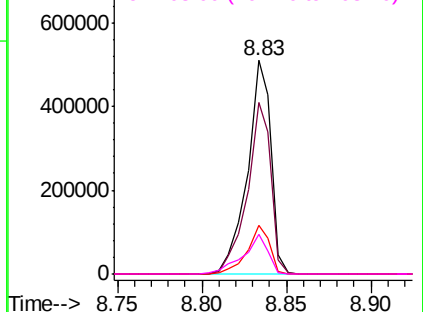


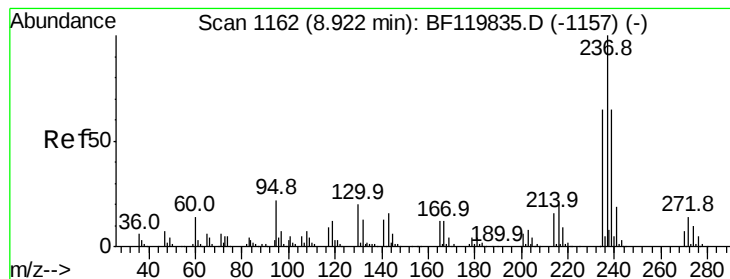
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.354 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

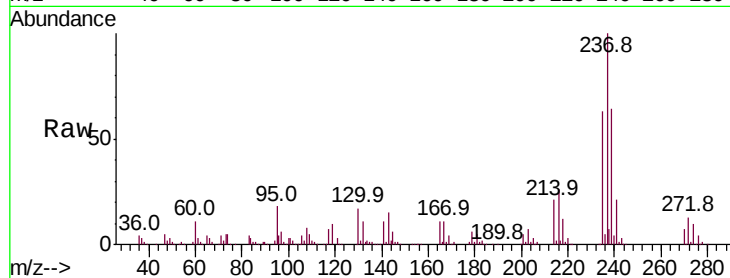
Tot Ion:237 Resp: 476777

Ion Ratio Lower Upper

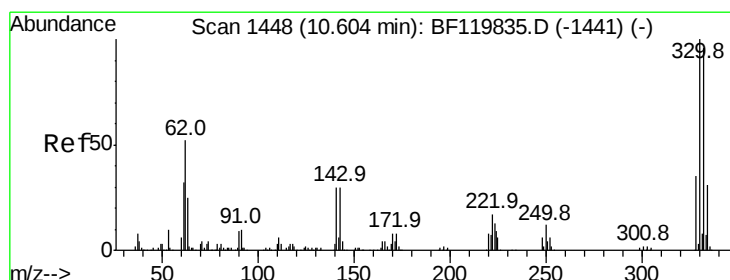
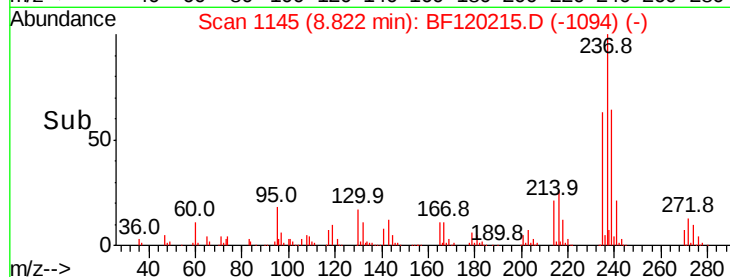
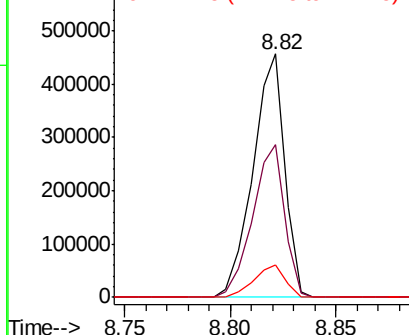
237 100

235 63.0 43.2 83.2

272 13.2 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 82.020 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

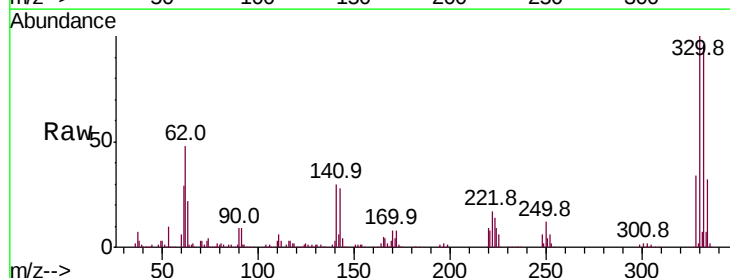
Tgt Ion:330 Resp: 335941

Ion Ratio Lower Upper

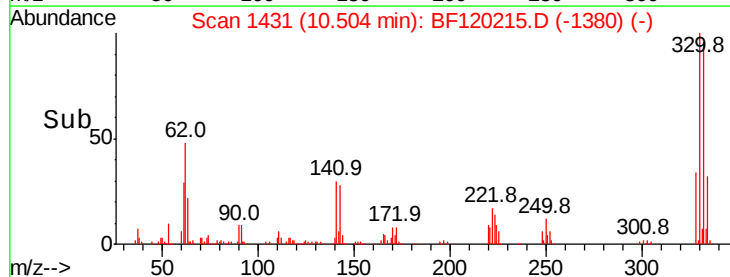
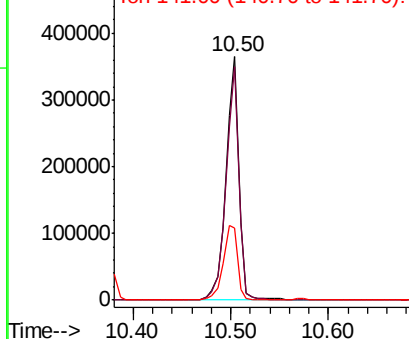
330 100

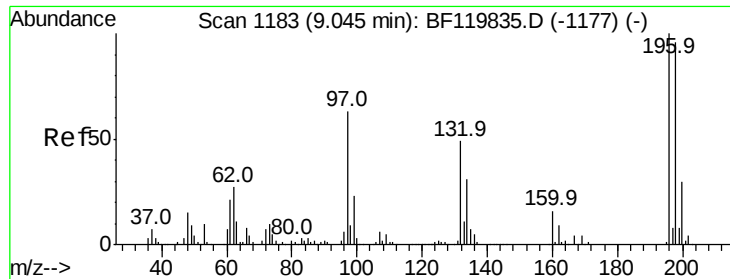
332 95.8 75.7 113.5

141 34.4 25.4 38.0



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

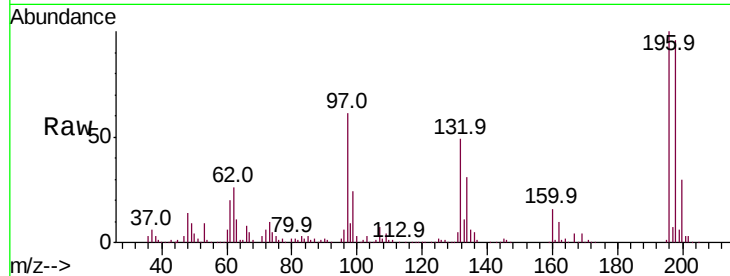




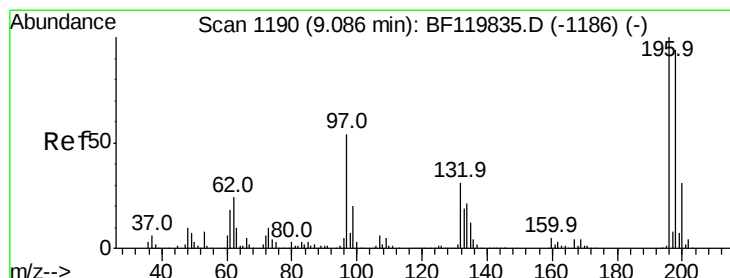
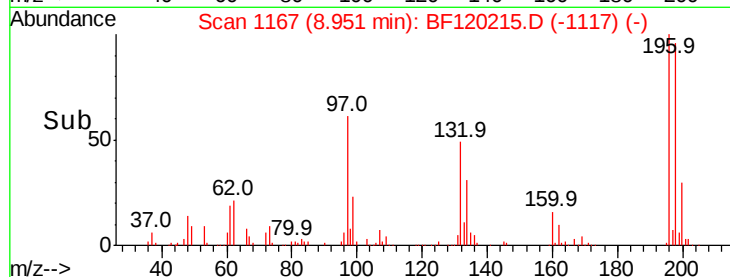
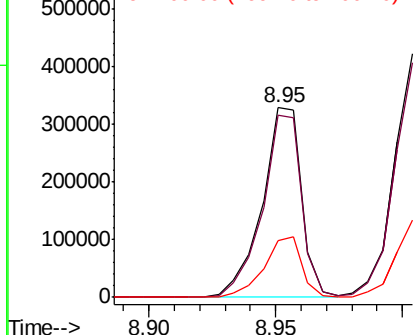
#43
 2,4,6-Trichlorophenol
 Concen: 49.417 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion:196 Resp: 360564
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 200 29.6 24.6 36.8

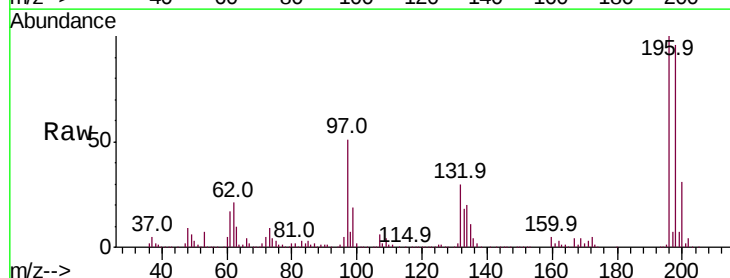


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

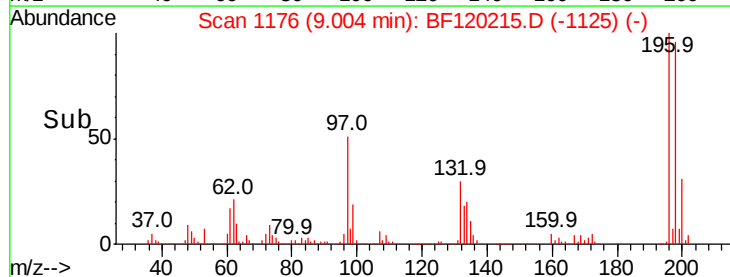
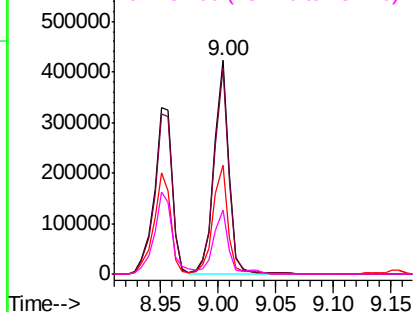


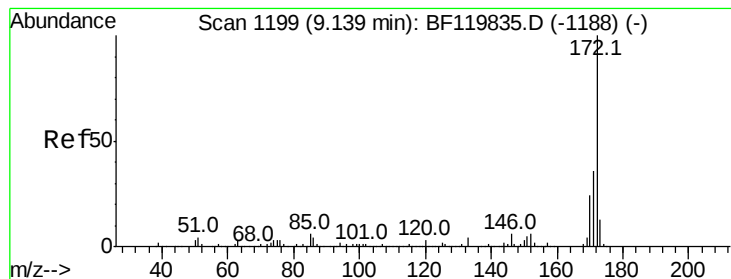
#44
 2,4,5-Trichlorophenol
 Concen: 45.503 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion:196 Resp: 373933
 Ion Ratio Lower Upper
 196 100
 198 96.4 73.8 110.8
 97 51.0 42.6 63.8
 132 30.1 24.0 36.0



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: 63.000 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

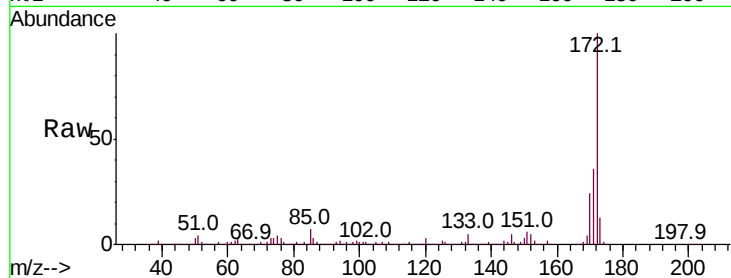
Tot Ion:172 Resp: 1484435

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

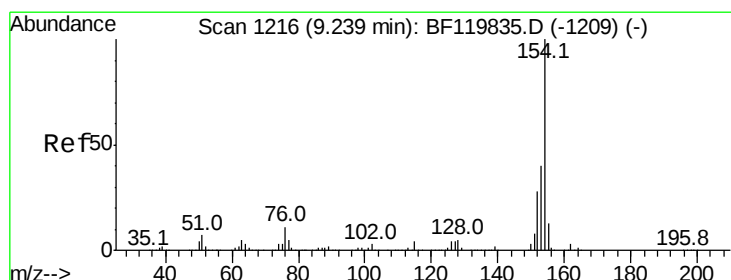
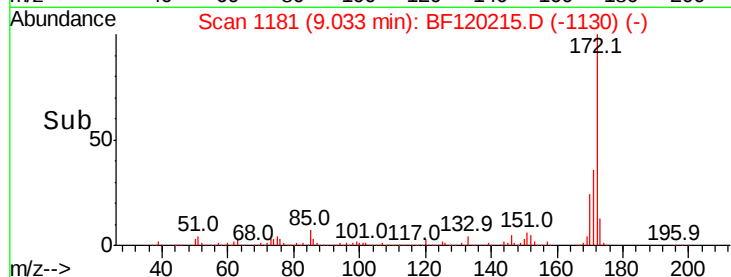
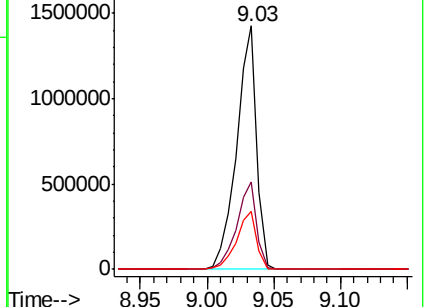
170 23.8 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 48.067 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

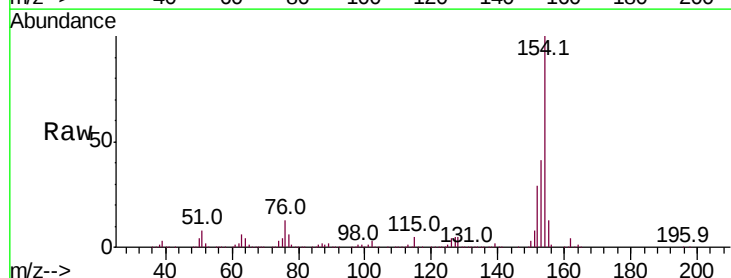
Tgt Ion:154 Resp: 1357248

Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

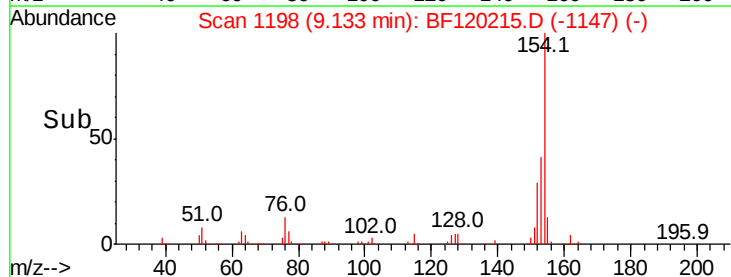
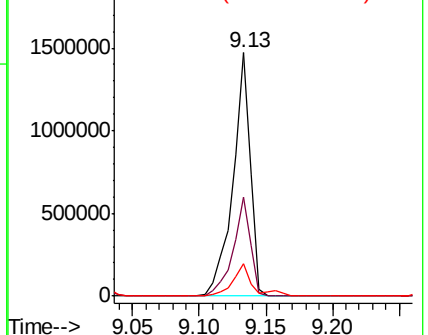
76 13.4 0.0 33.0

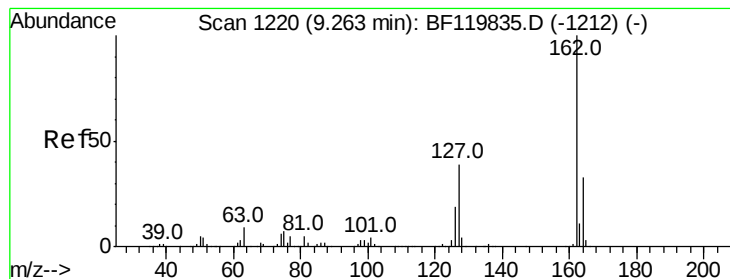


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 48.777 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

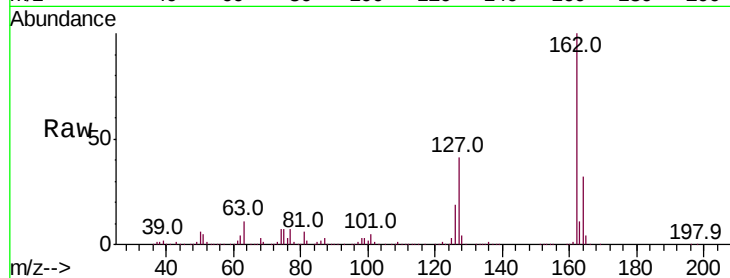
Tot Ion:162 Resp: 1061006

Ion Ratio Lower Upper

162 100

127 40.7 33.7 50.5

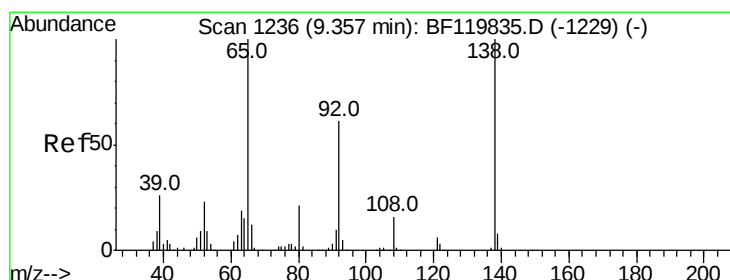
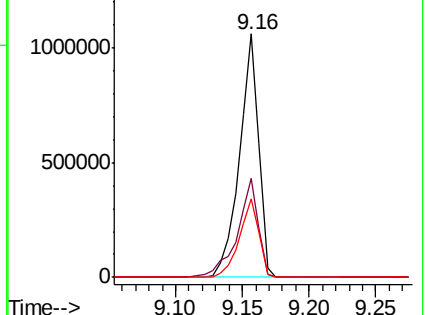
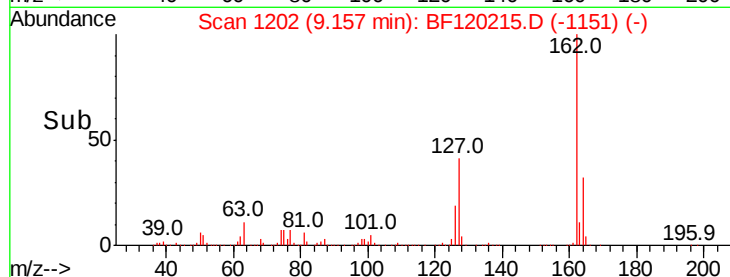
164 32.4 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 49.050 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

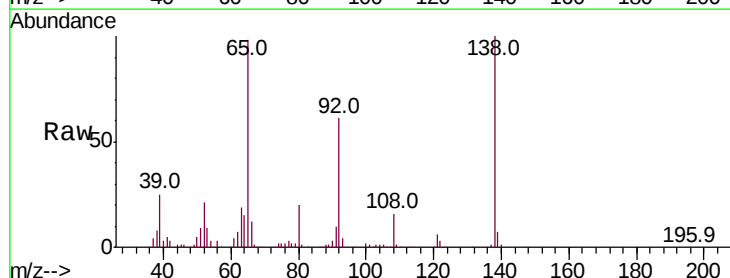
Tgt Ion: 65 Resp: 386641

Ion Ratio Lower Upper

65 100

92 62.3 50.0 75.0

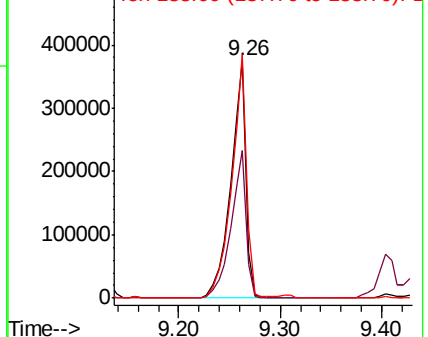
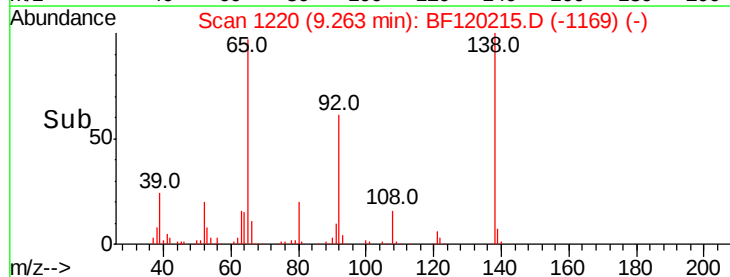
138 102.4 75.0 112.4

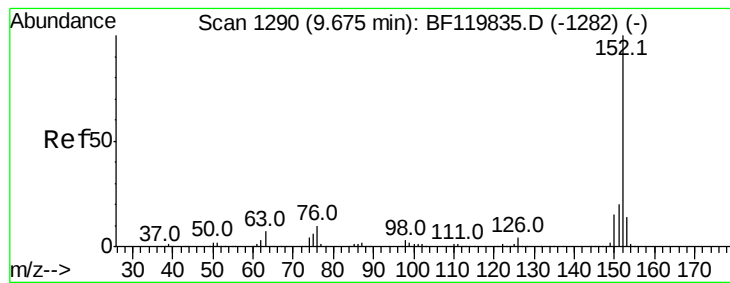


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.317 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

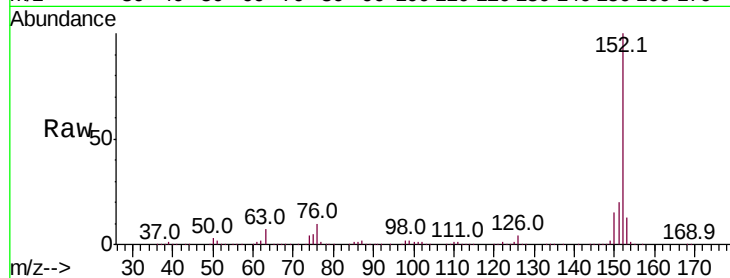
Tot Ion:152 Resp: 1664523

Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

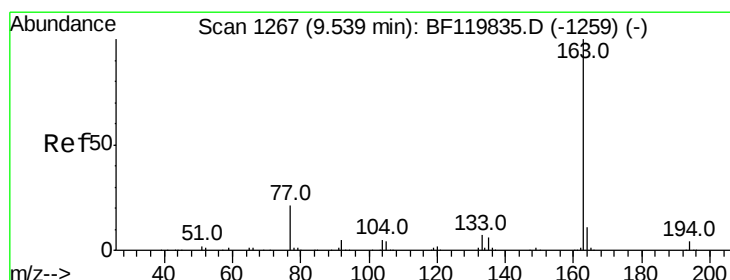
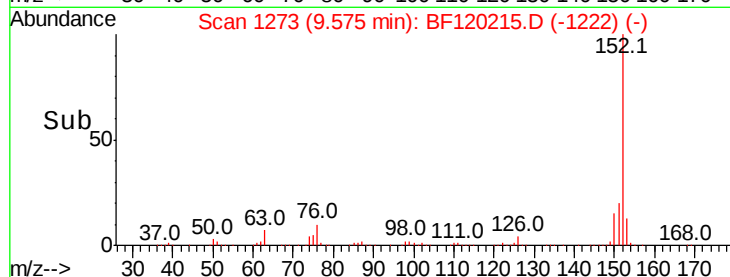
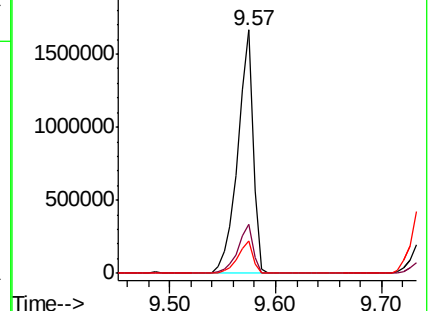
153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.049 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

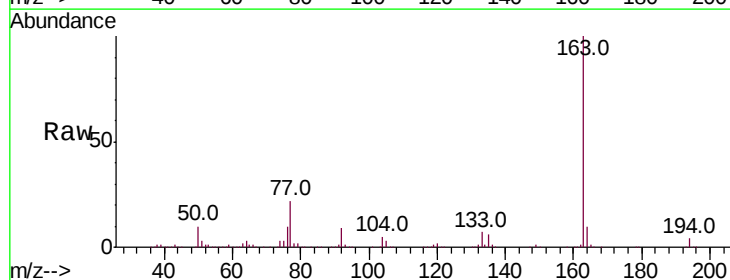
Tgt Ion:163 Resp: 1476196

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

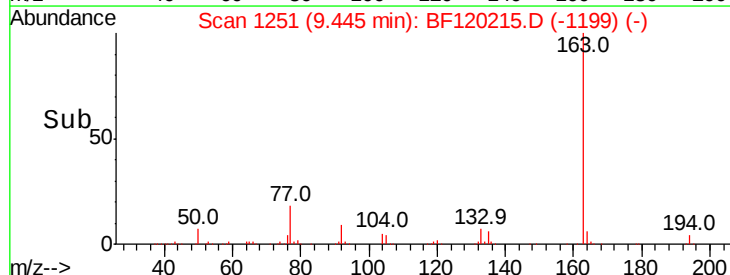
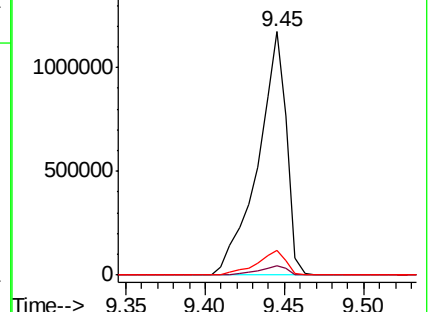
164 10.3 8.2 12.2

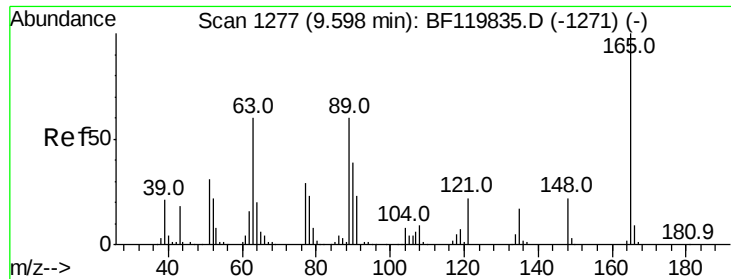


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

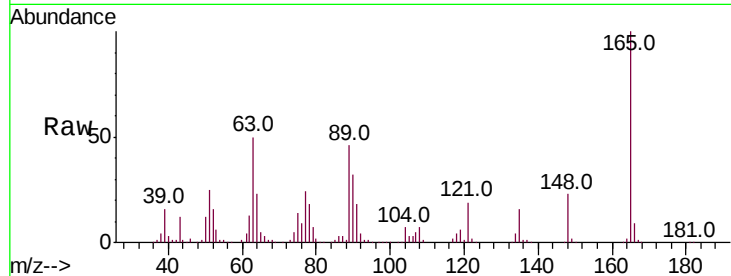




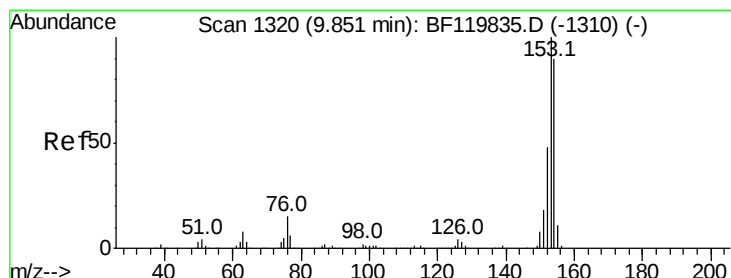
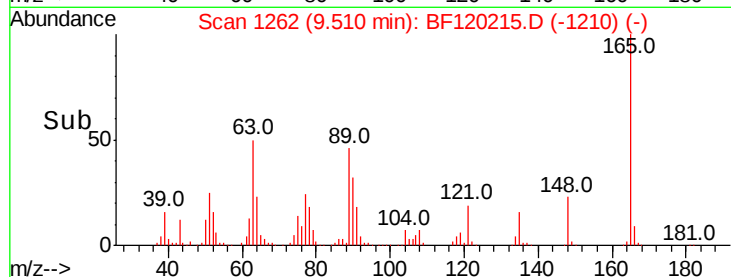
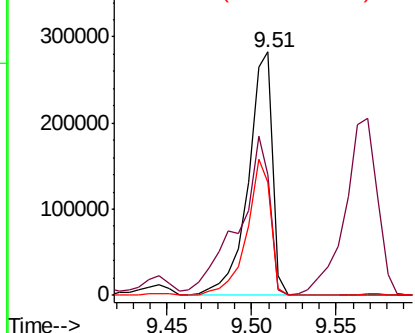
#51
 2,6-Dinitrotoluene
 Concen: 50.241 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.8	45.0	67.4
89	46.4	41.5	62.3

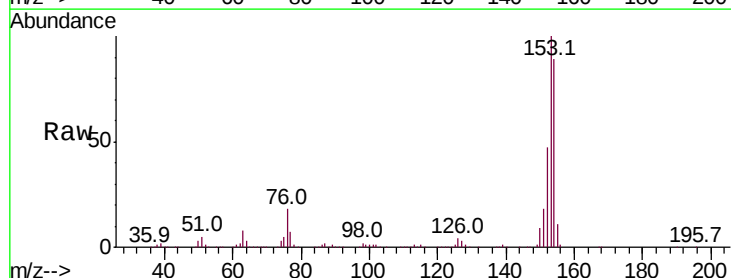


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

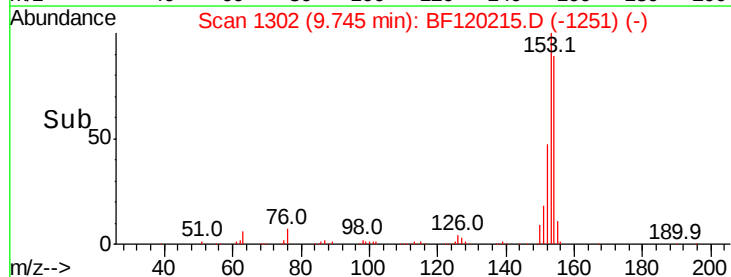
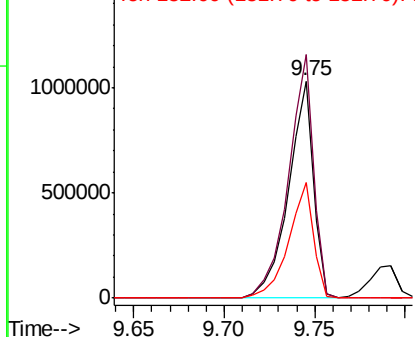


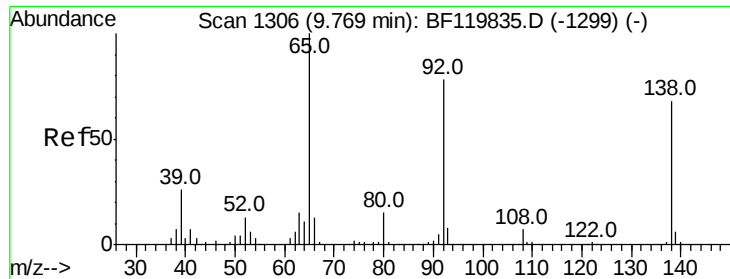
#52
 Acenaphthene
 Concen: 45.385 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.1	132.1
152	53.1	43.0	64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

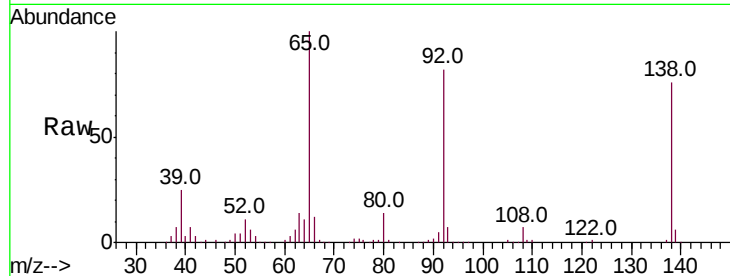




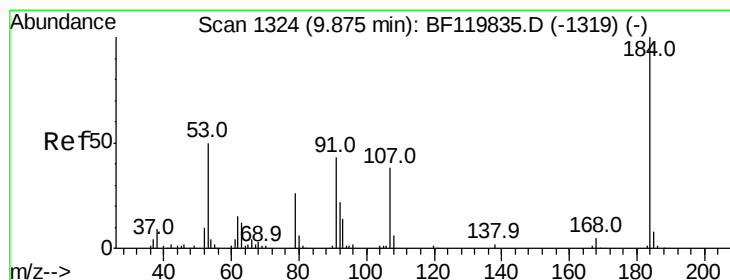
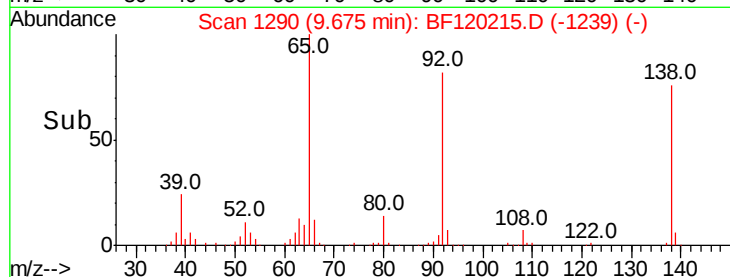
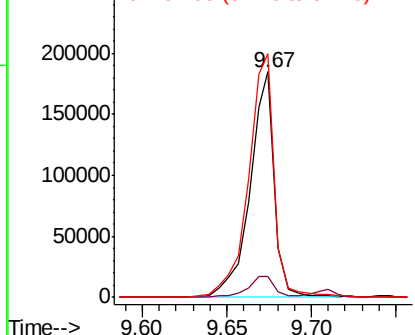
#53
 3-Nitroaniline
 Concen: 28.693 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion:138 Resp: 185687
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.6 13.0
 92 108.1 95.4 143.0

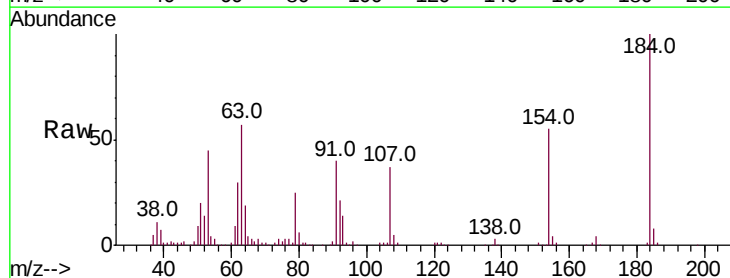


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

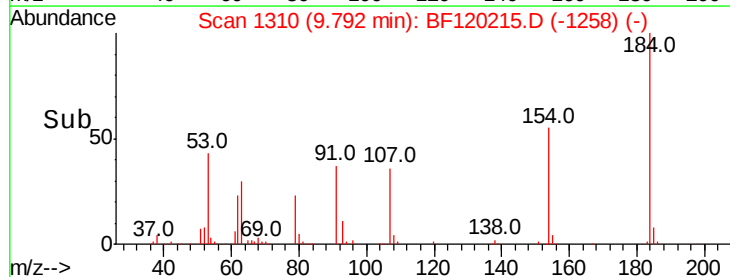
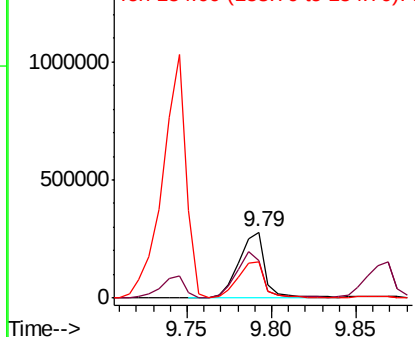


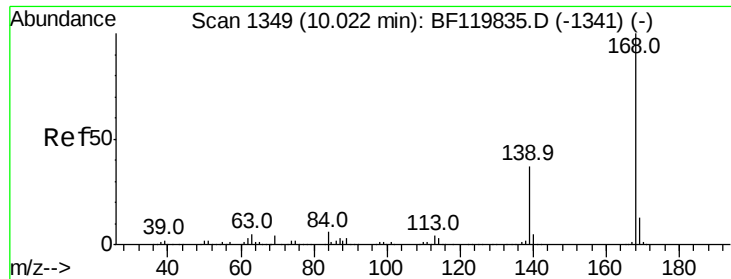
#54
 2,4-Dinitrophenol
 Concen: 90.735 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion:184 Resp: 307813
 Ion Ratio Lower Upper
 184 100
 63 56.6 50.2 75.4
 154 55.5 44.5 66.7



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

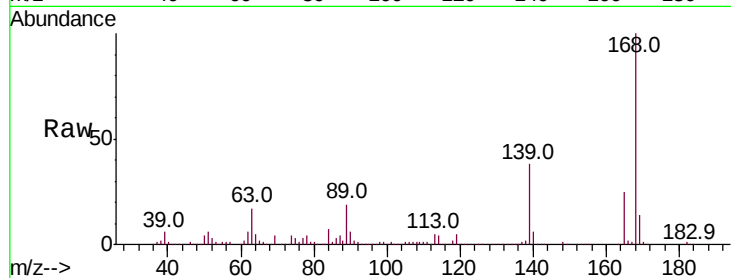




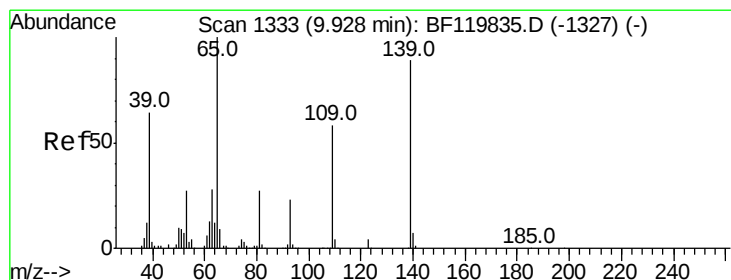
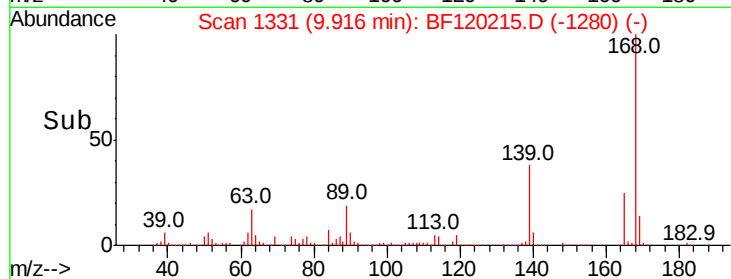
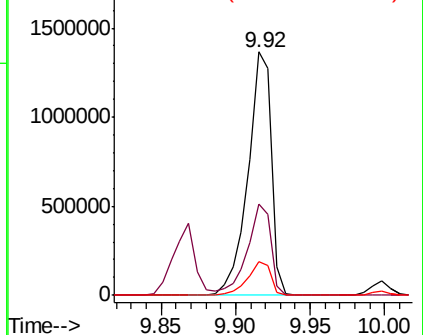
#55
Dibenzofuran
Concen: 48.475 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:168 Resp: 1467906
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 14.0 11.0 16.6

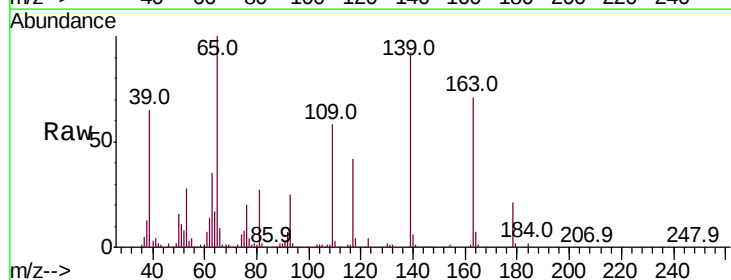


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

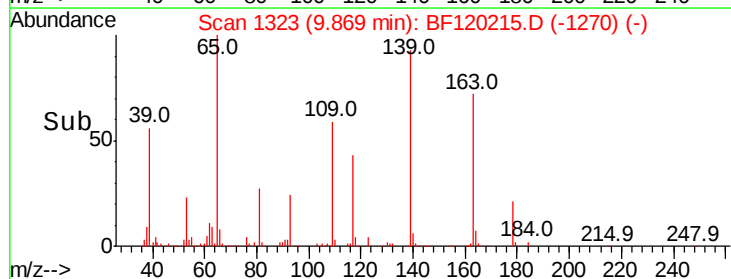
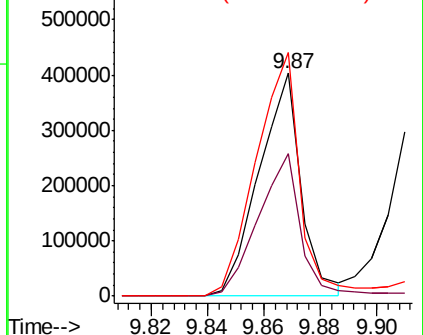


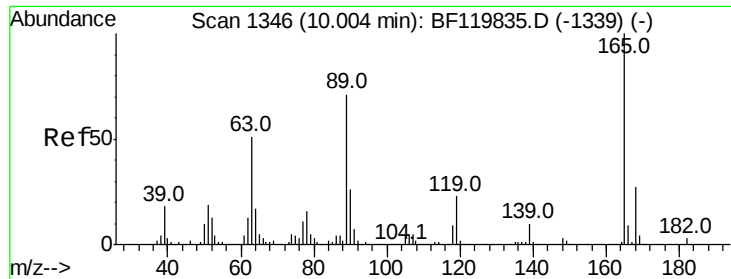
#56
4-Nitrophenol
Concen: 86.651 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:139 Resp: 417236
Ion Ratio Lower Upper
139 100
109 63.7 43.3 83.3
65 109.2 91.0 131.0



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

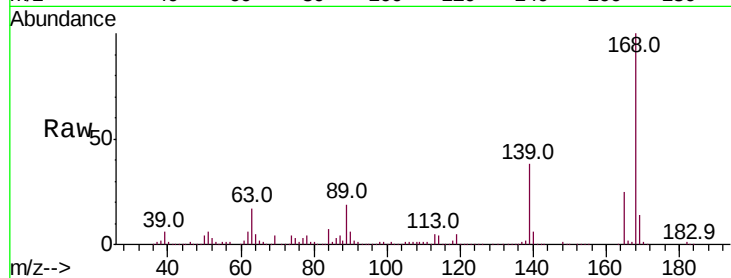




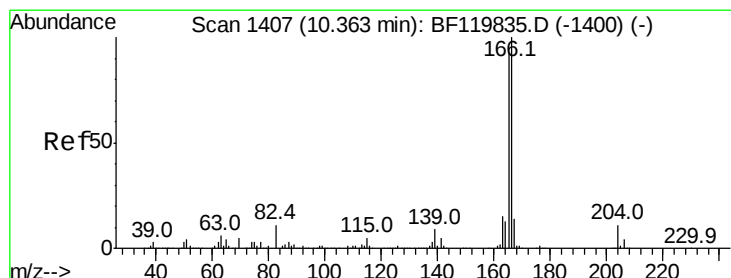
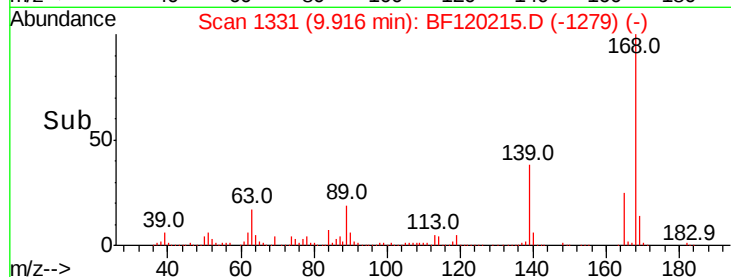
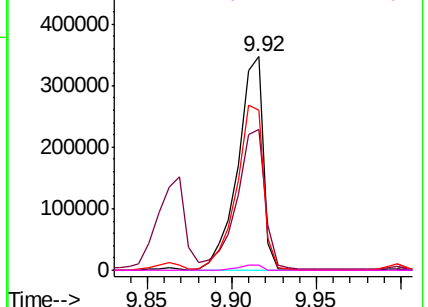
#57
2,4-Dinitrotoluene
Concen: 48.638 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:165 Resp: 363111
Ion Ratio Lower Upper
165 100
63 66.0 42.6 64.0#
89 75.2 61.0 91.4
182 2.6 2.2 3.2

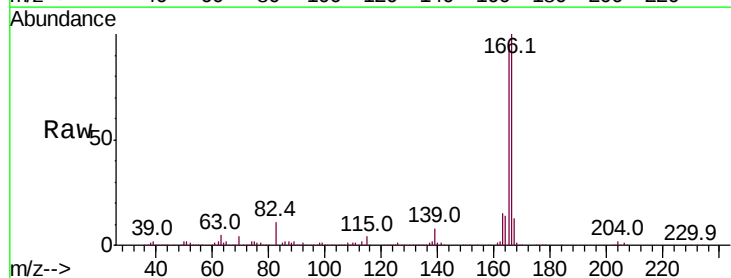


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

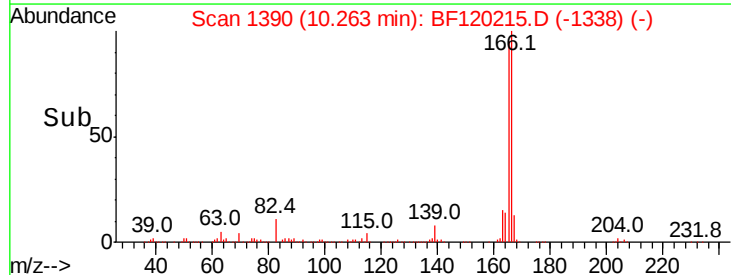
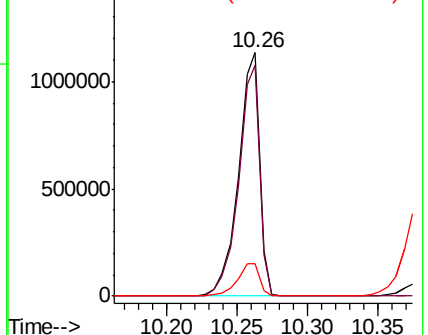


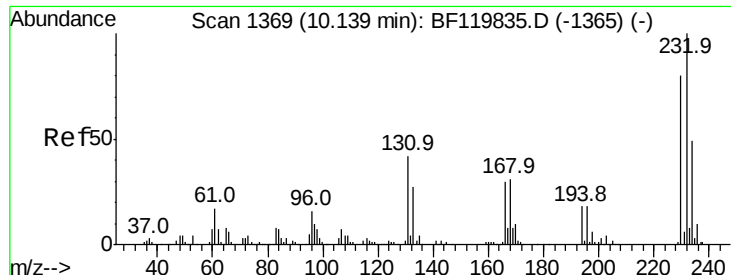
#58
Fluorene
Concen: 48.537 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:166 Resp: 1175447
Ion Ratio Lower Upper
166 100
165 94.8 75.4 113.2
167 13.5 11.2 16.8



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

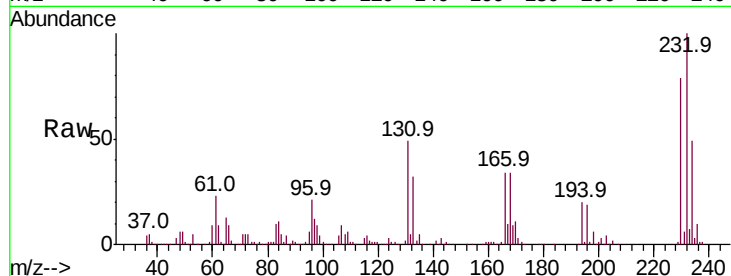




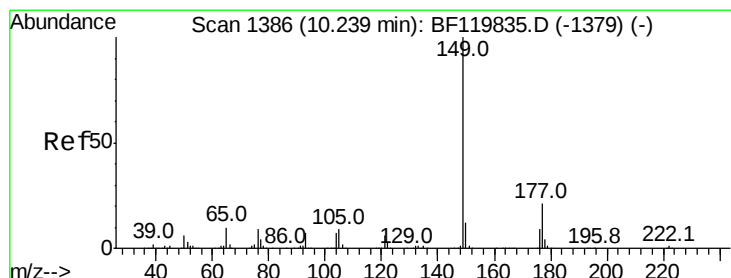
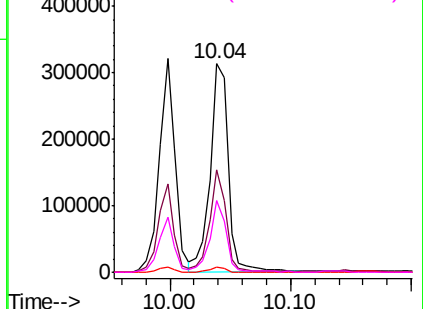
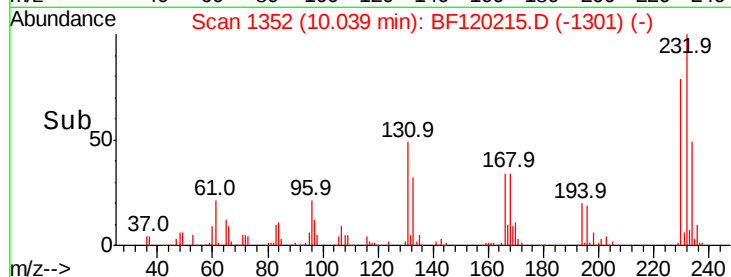
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.355 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion:232 Resp: 322775
 Ion Ratio Lower Upper
 232 100
 131 44.3 37.5 56.3
 130 2.0 1.8 2.6
 166 30.5 24.6 36.8

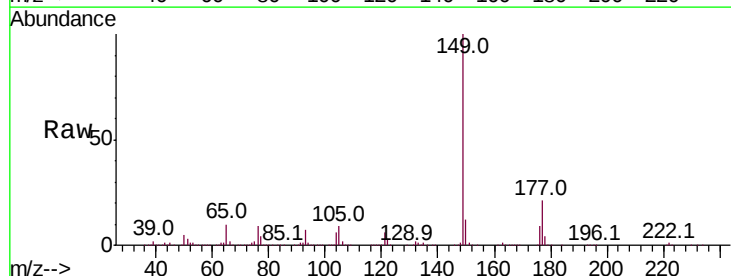


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

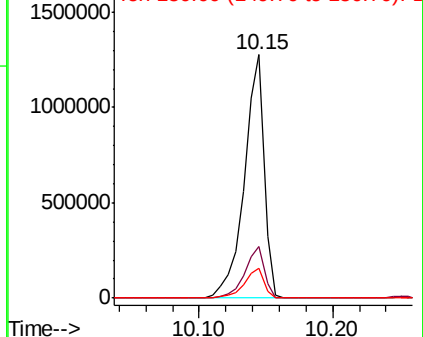
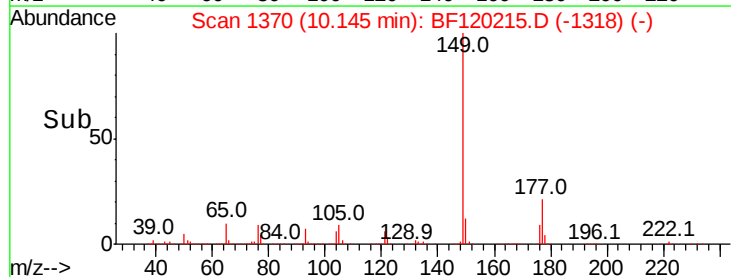


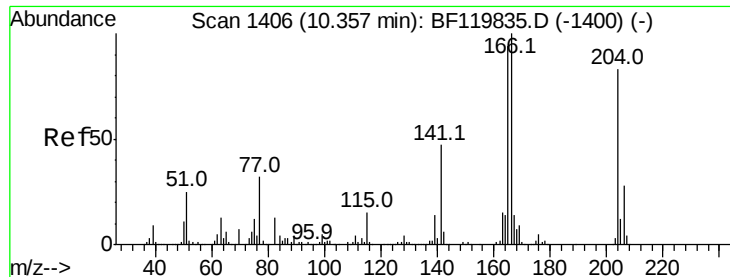
#60
 Diethylphthalate
 Concen: 48.440 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion:149 Resp: 1299089
 Ion Ratio Lower Upper
 149 100
 177 21.2 17.0 25.6
 150 12.3 10.1 15.1



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

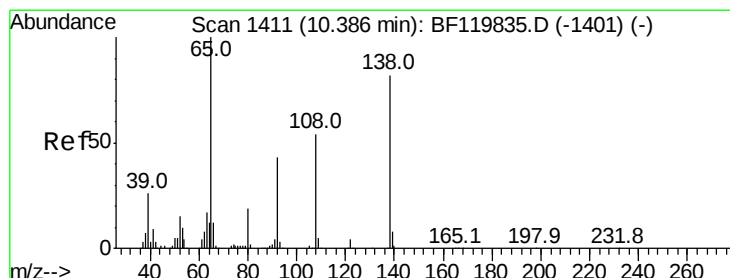
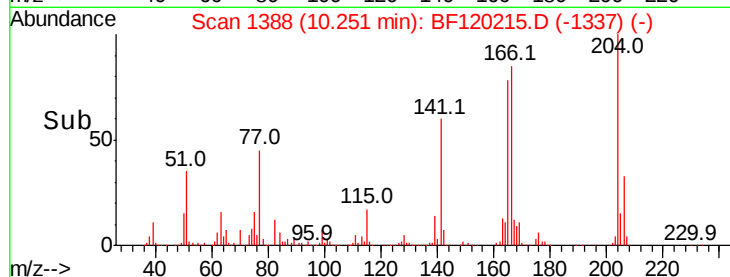
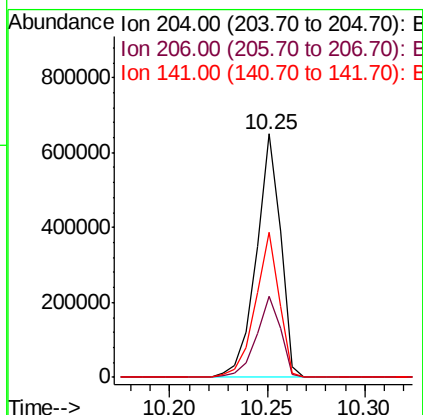
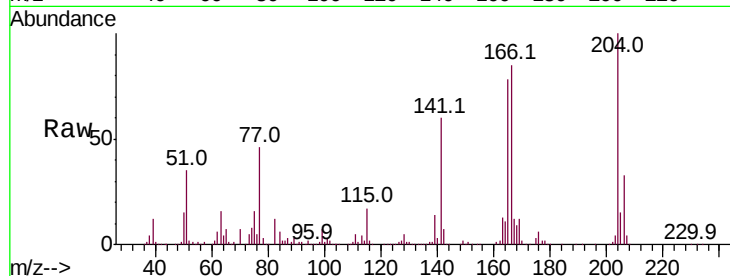




#61
4-Chlorophenyl-phenylether
Concen: 45.019 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

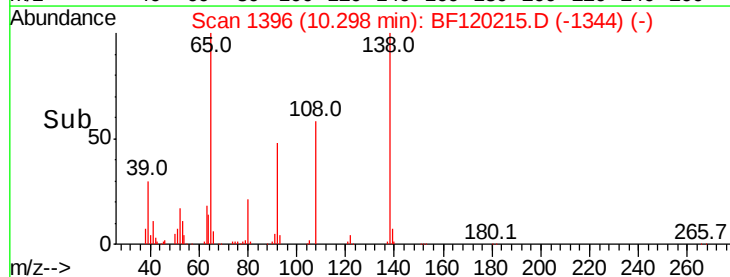
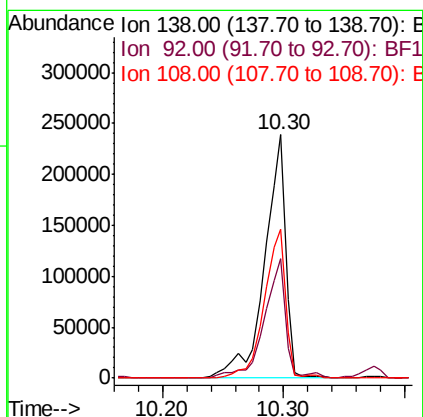
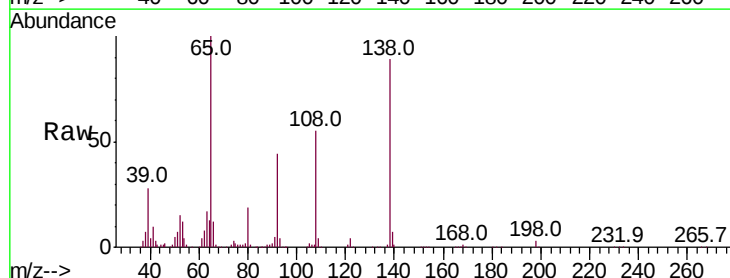
Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

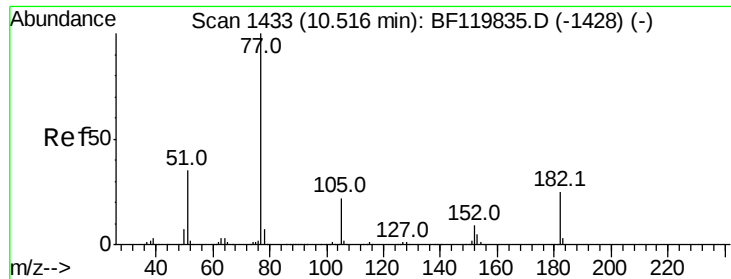
Tot Ion:204 Resp: 558787
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 59.6 47.3 70.9



#62
4-Nitroaniline
Concen: 47.479 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:138 Resp: 292822
Ion Ratio Lower Upper
138 100
92 48.8 31.5 71.5
108 61.4 45.8 85.8

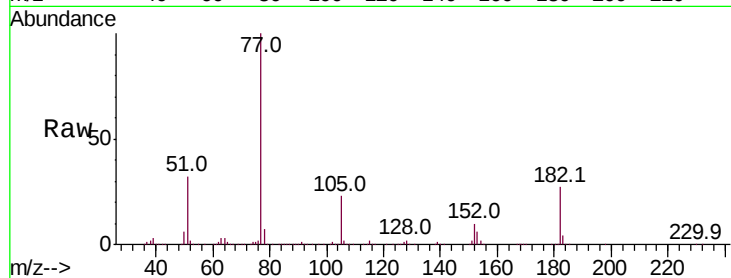




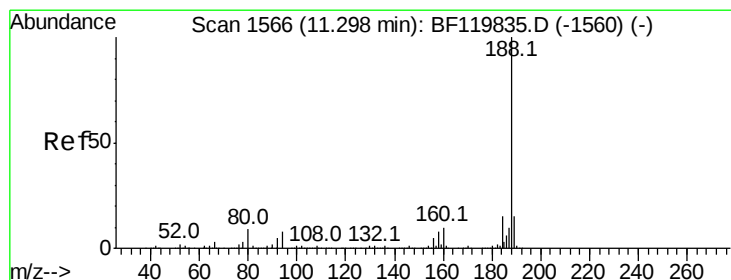
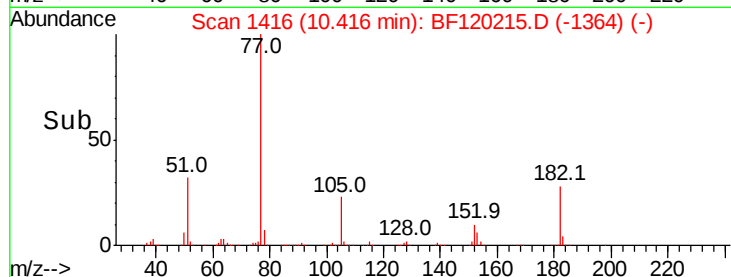
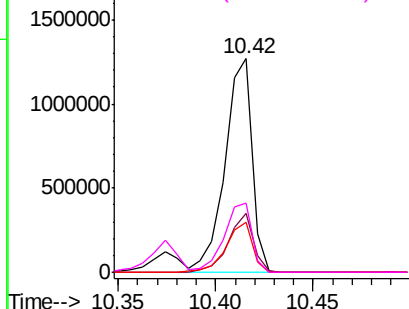
#63
Azobenzene
Concen: 50.664 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion: 77 Resp: 1217689
Ion Ratio Lower Upper
77 100
182 27.5 4.4 44.4
105 23.3 2.6 42.6
51 32.2 15.1 55.1

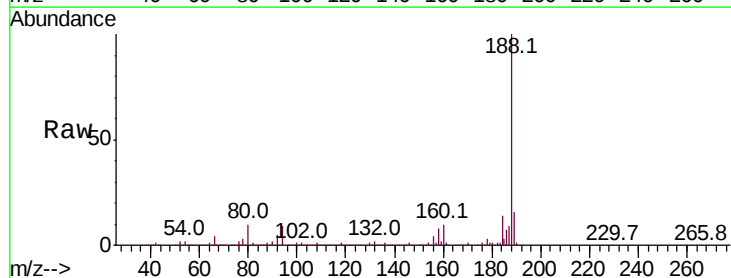


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

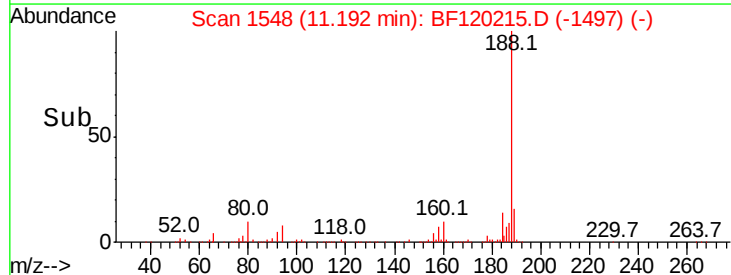
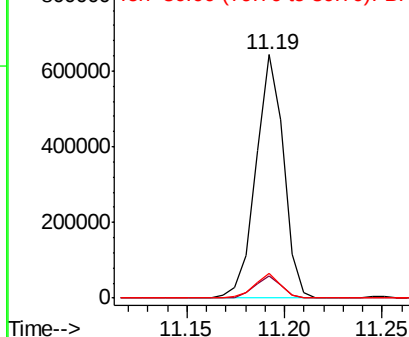


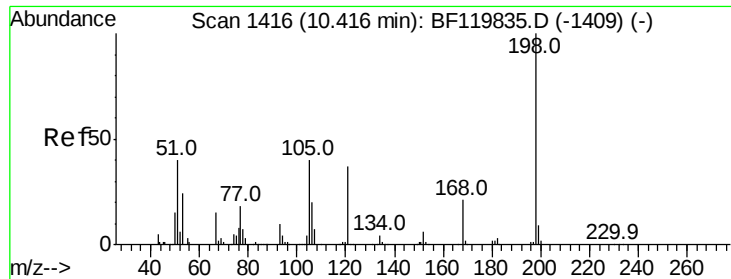
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion: 188 Resp: 633071
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.9 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
800000
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: 49.780 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

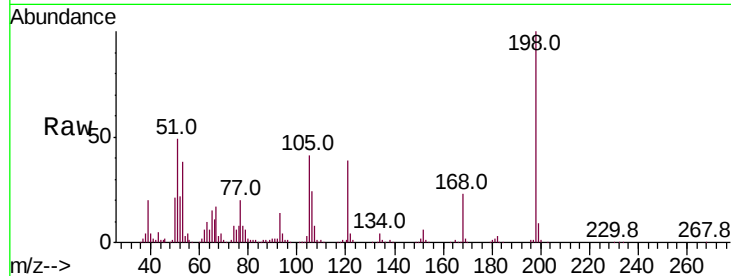
Tot Ion:198 Resp: 207619

Ion Ratio Lower Upper

198 100

51 48.7 29.0 69.0

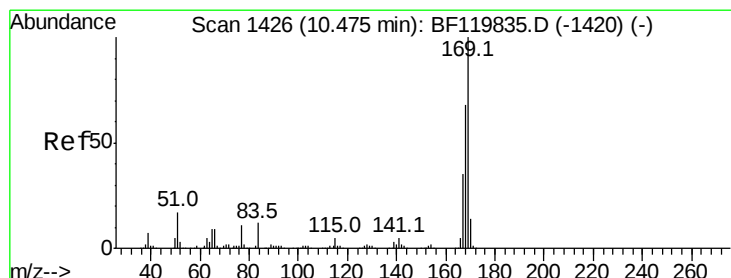
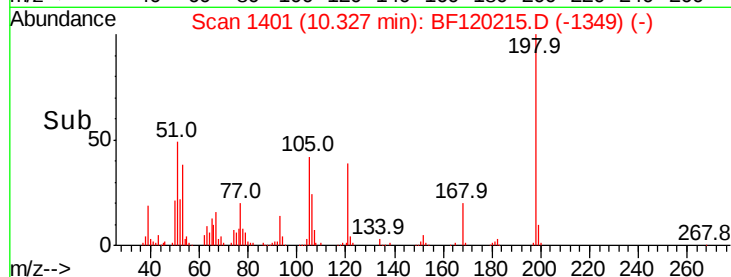
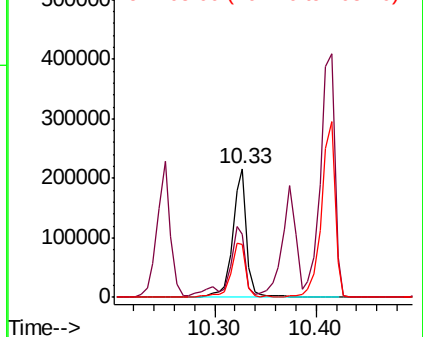
105 41.2 22.2 62.2



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: 51.706 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

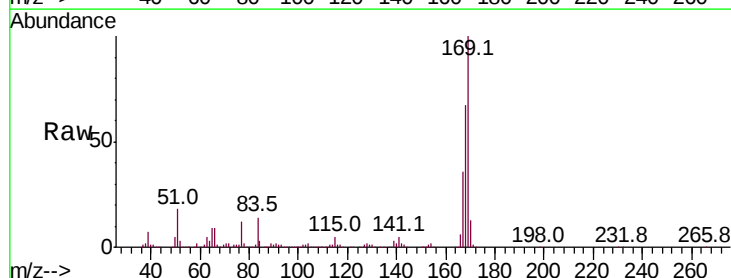
Tgt Ion:169 Resp: 1088632

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

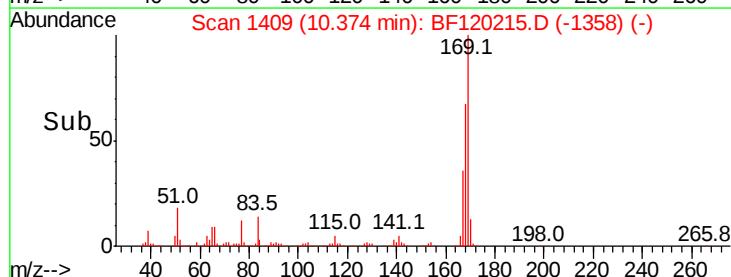
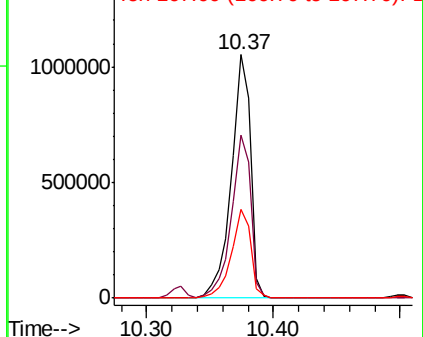
167 36.4 29.1 43.7

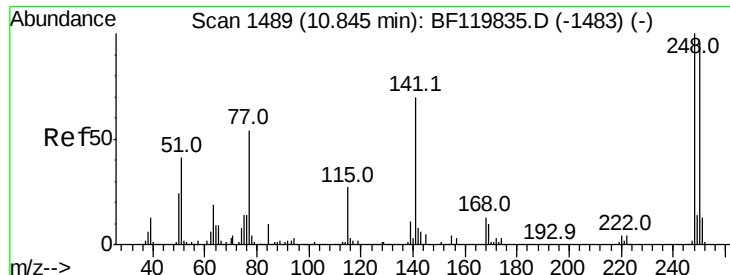


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

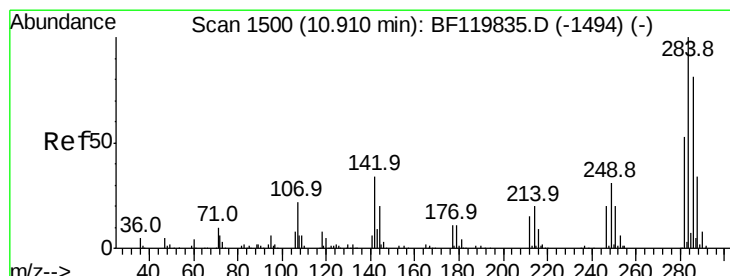
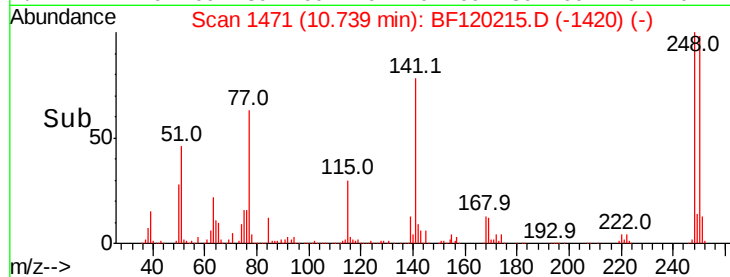
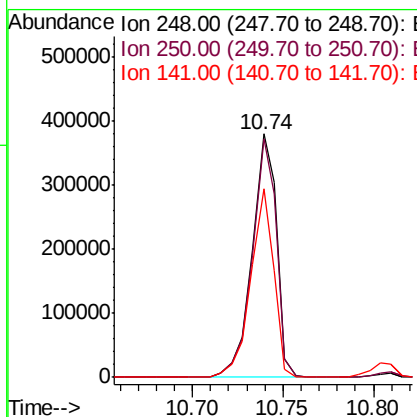
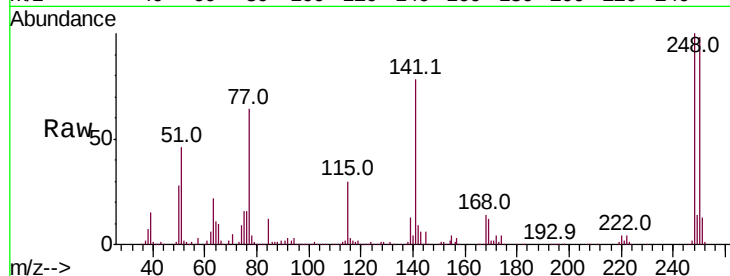




#67
 4-Bromophenyl-phenylether
 Concen: 45.239 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

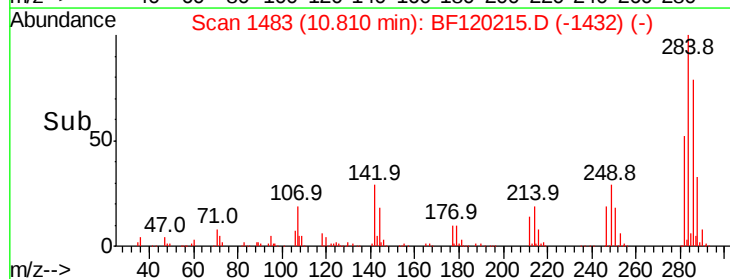
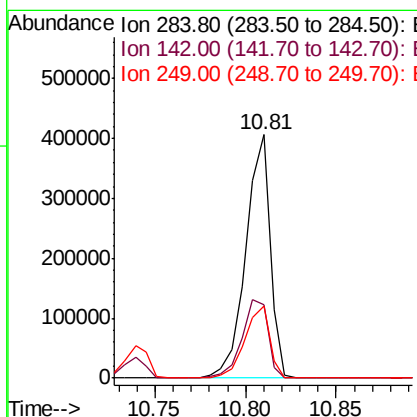
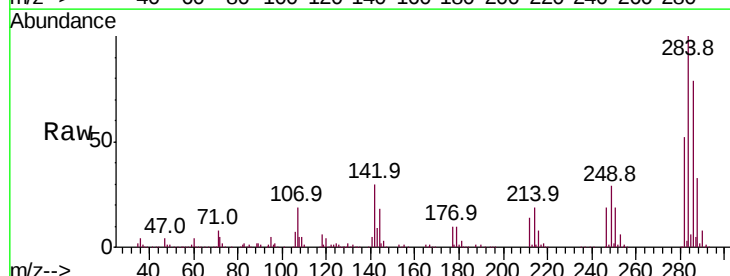
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

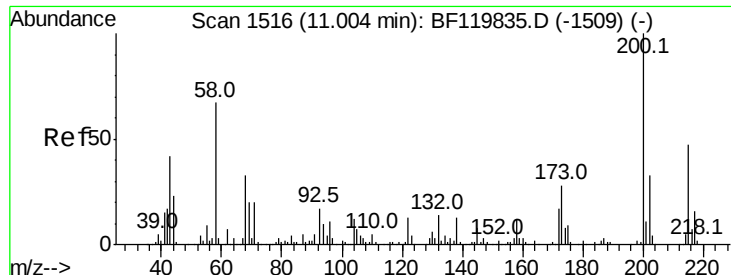
Tot	Ion:248	Resp:	356165
Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.3	115.9
141	77.5	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 47.540 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt	Ion:284	Resp:	379687
Ion	Ratio	Lower	Upper
284	100		
142	30.2	29.2	43.8
249	29.5	25.1	37.7

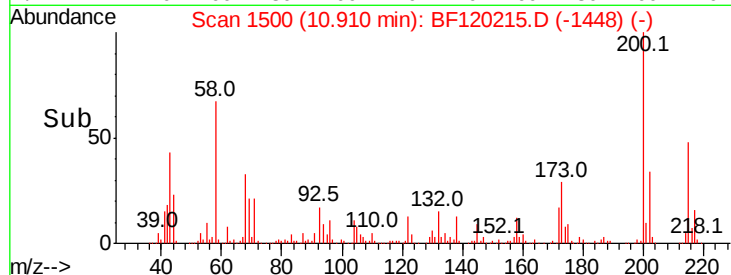
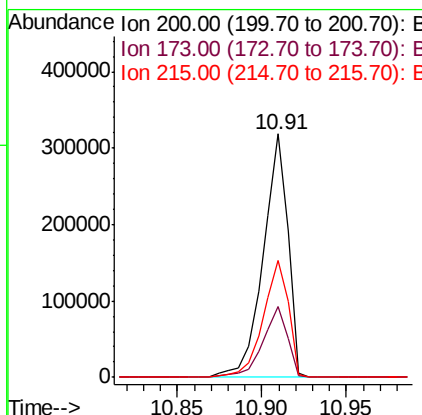
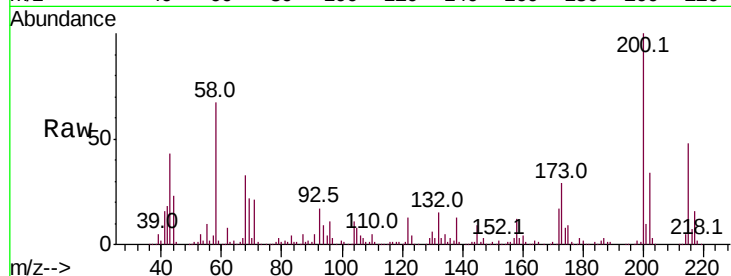




#69
Atrazine
Concen: 54.868 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

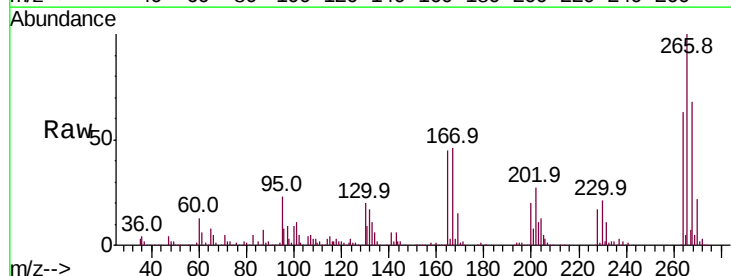
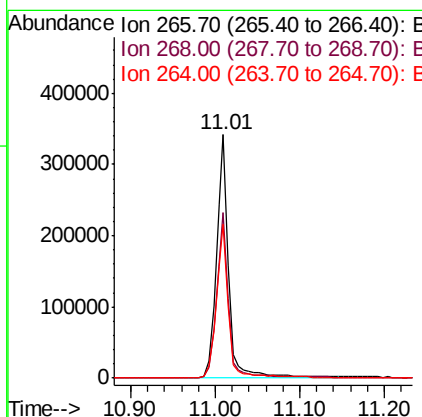
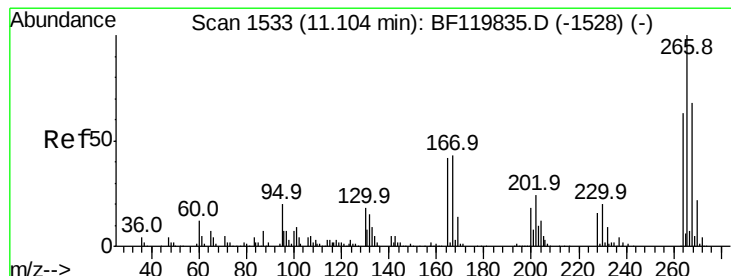
Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

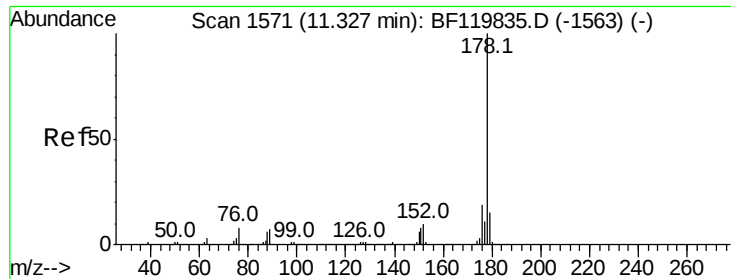
Tot Ion:200 Resp: 321412
Ion Ratio Lower Upper
200 100
173 29.2 9.3 49.3
215 48.0 29.5 69.5



#70
Pentachlorophenol
Concen: 77.116 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:266 Resp: 354933
Ion Ratio Lower Upper
266 100
268 68.0 53.3 79.9
264 63.4 49.0 73.4





#71

Phenanthrene

Concen: 50.671 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

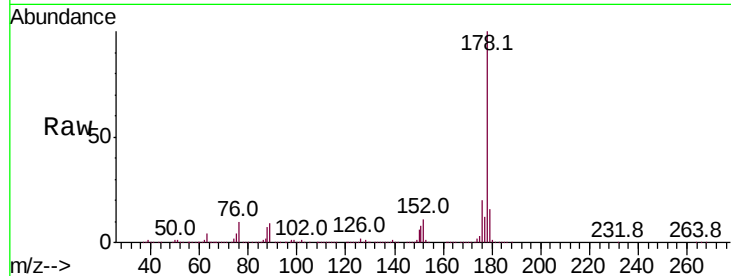
Tot Ion:178 Resp: 1707230

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

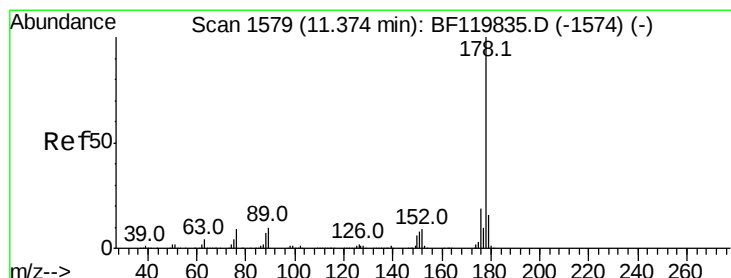
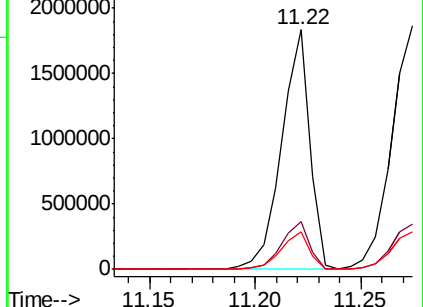
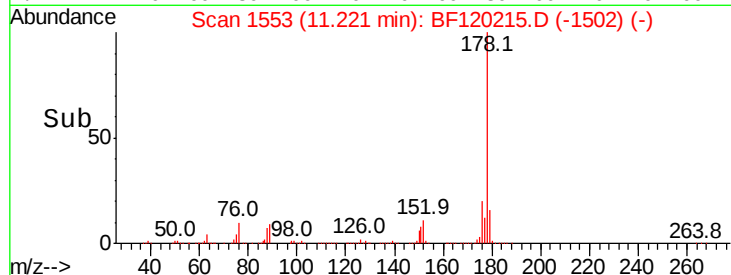
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.554 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

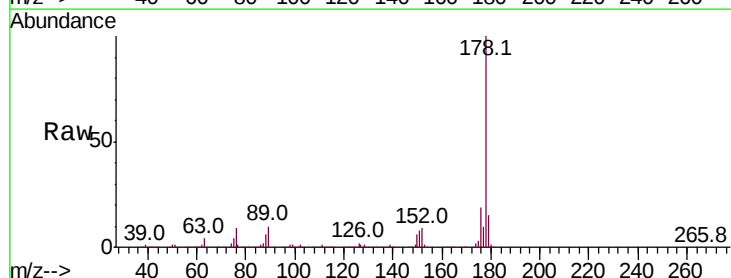
Tgt Ion:178 Resp: 1774457

Ion Ratio Lower Upper

178 100

176 18.8 16.1 24.1

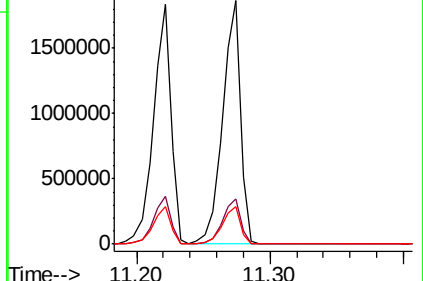
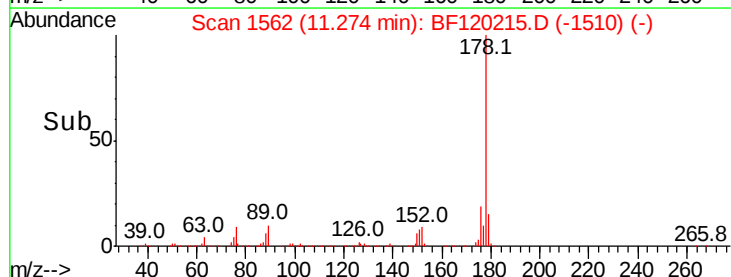
179 15.4 13.0 19.4

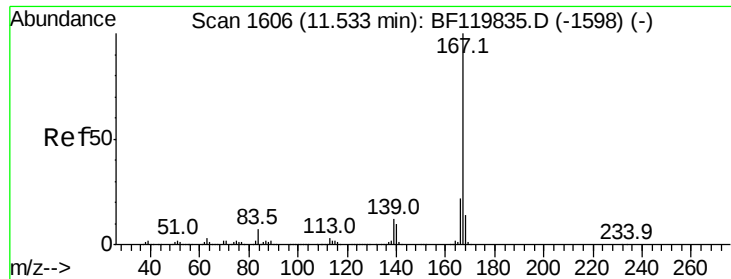


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

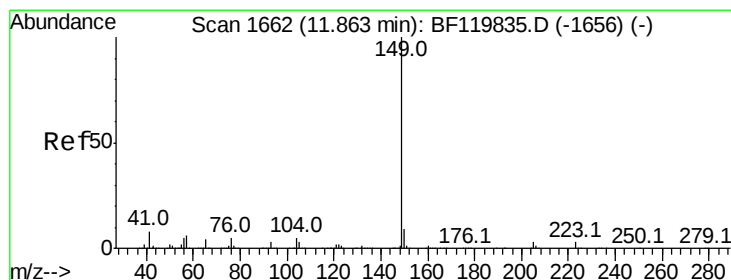
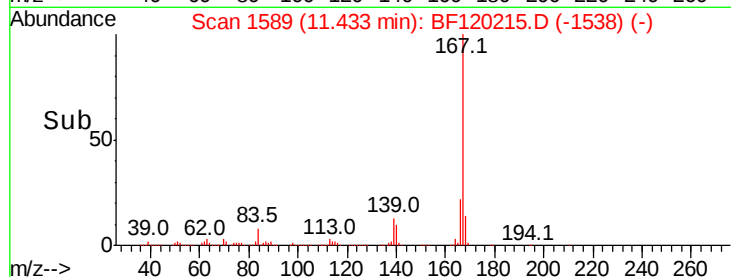
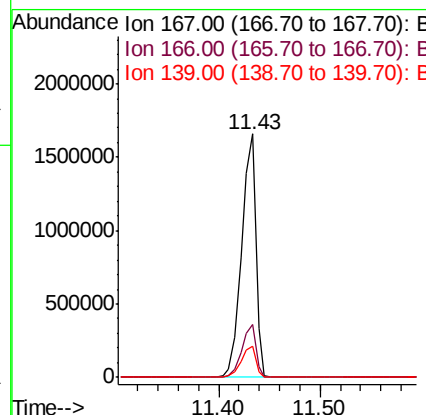
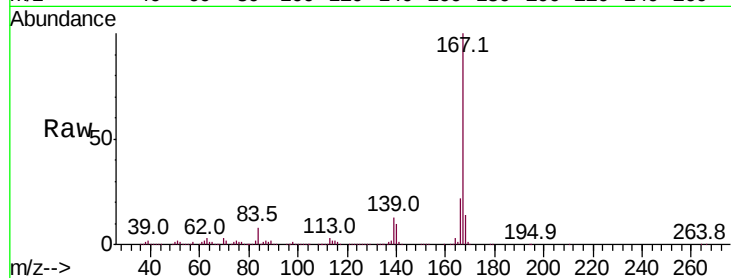




#73
 Carbazole
 Concen: 49.770 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

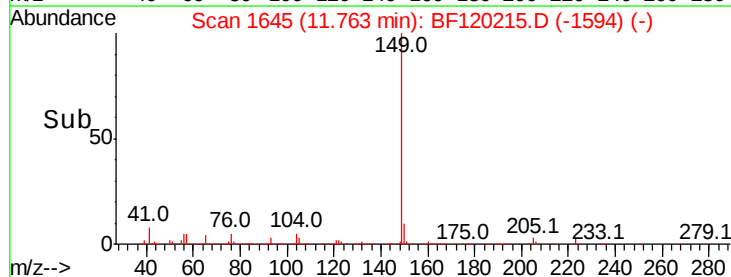
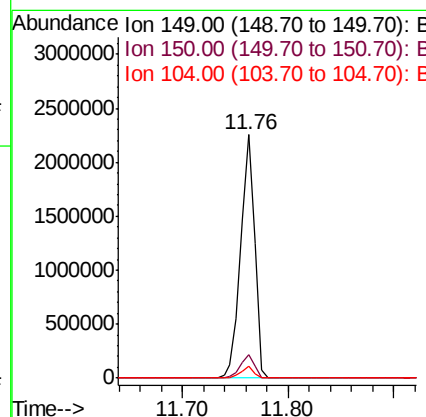
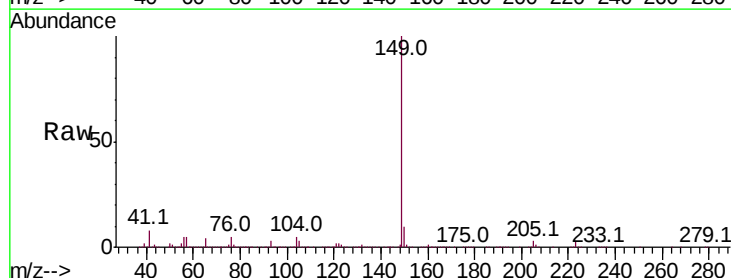
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

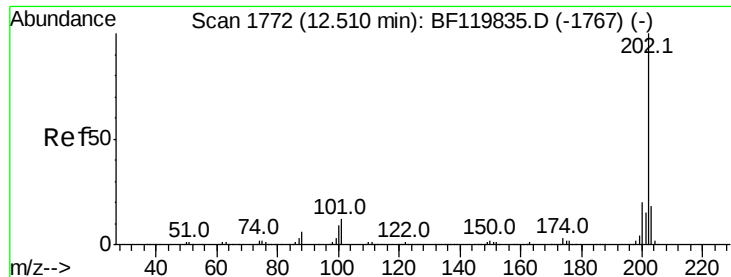
Tot Ion:167 Resp: 1619976
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.4
 139 12.9 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.630 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion:149 Resp: 2038053
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 52.170 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

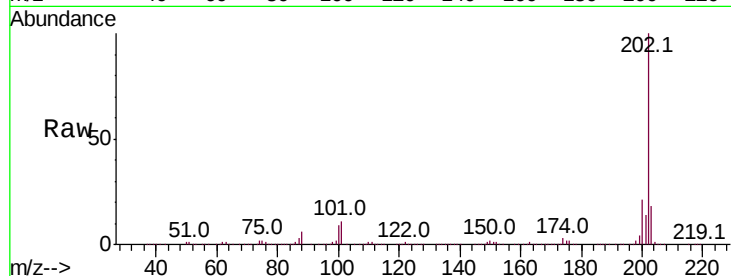
Tot Ion:202 Resp: 1896583

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.2

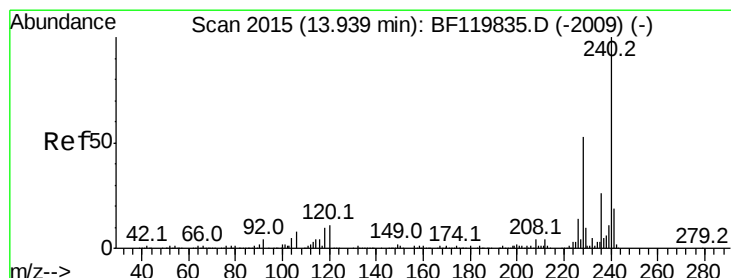
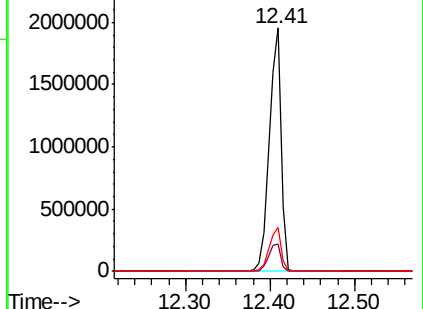
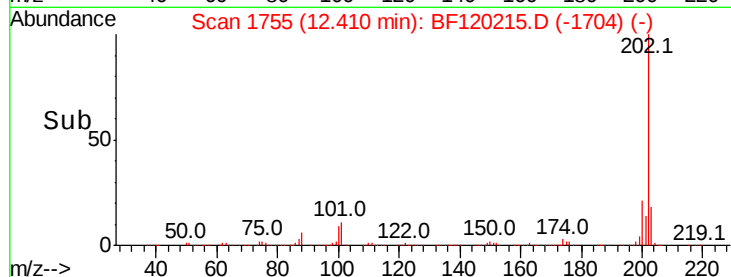
203 18.1 0.0 38.8



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: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

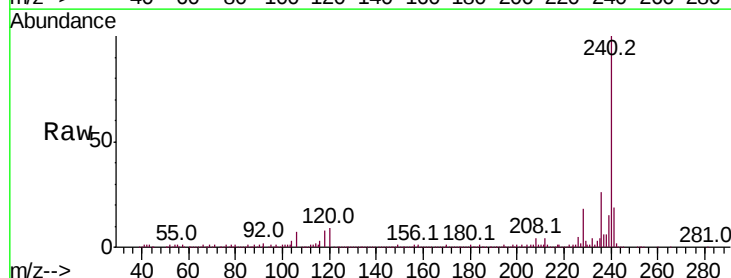
Tgt Ion:240 Resp: 413691

Ion Ratio Lower Upper

240 100

120 8.8 10.6 15.8#

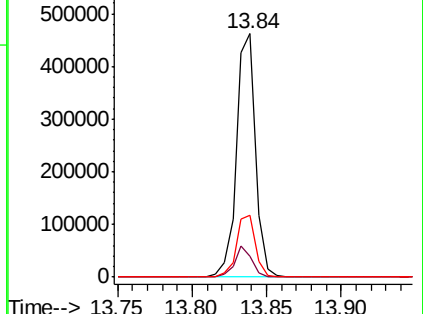
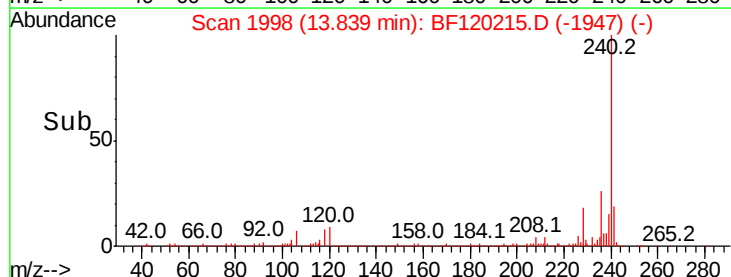
236 25.5 20.2 30.2

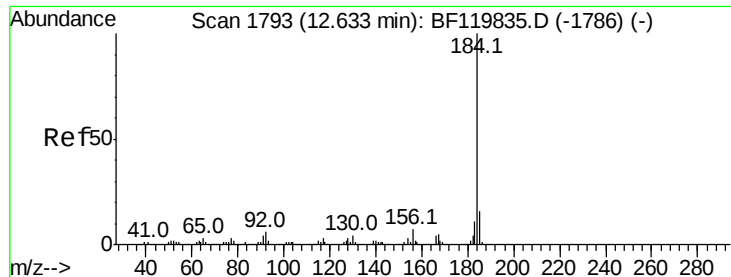


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.794 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

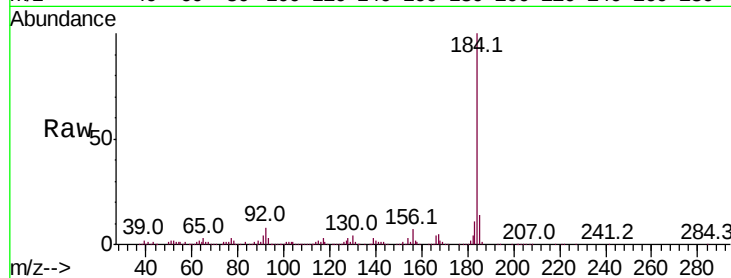
Tot Ion:184 Resp: 989985

Ion Ratio Lower Upper

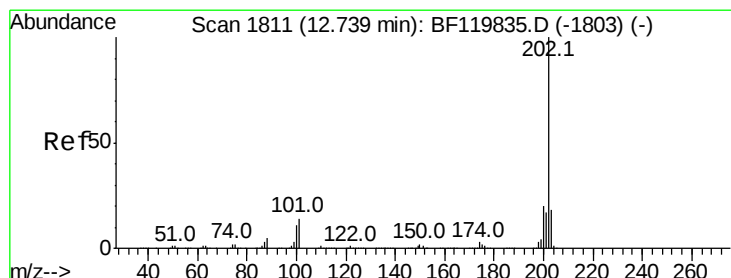
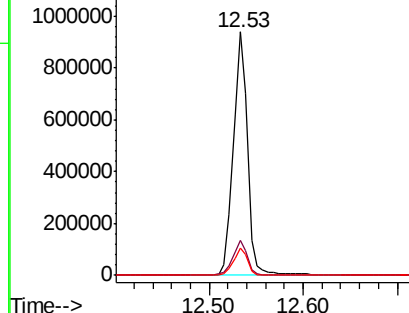
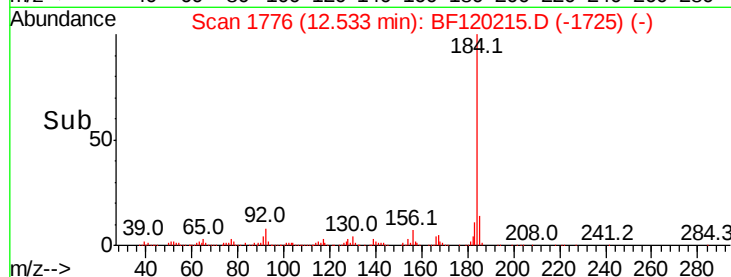
184 100

185 14.3 12.3 18.5

183 11.0 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.873 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

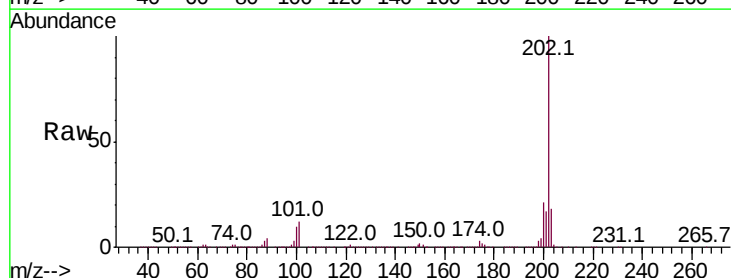
Tgt Ion:202 Resp: 1878826

Ion Ratio Lower Upper

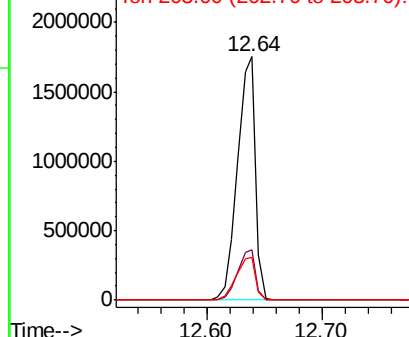
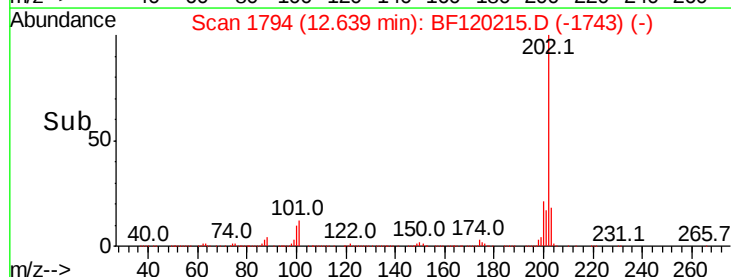
202 100

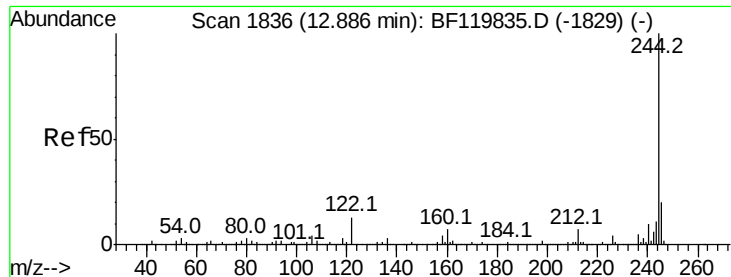
200 20.6 16.8 25.2

203 17.6 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.203 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

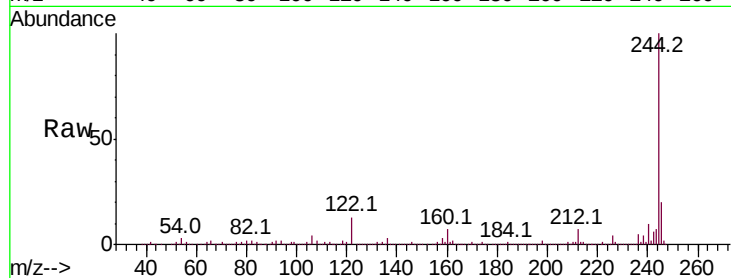
Tot Ion:244 Resp: 1627648

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

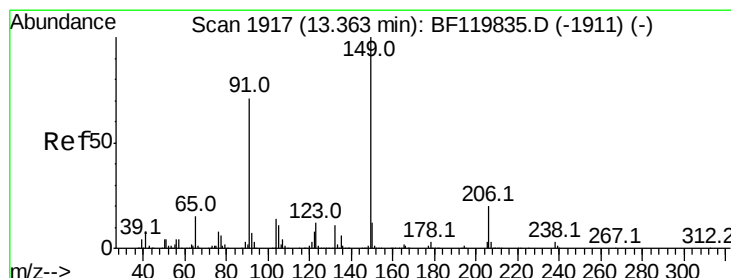
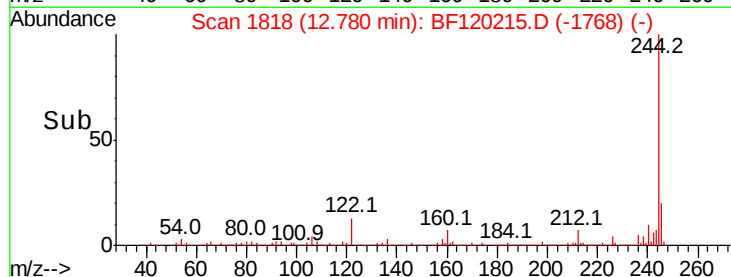
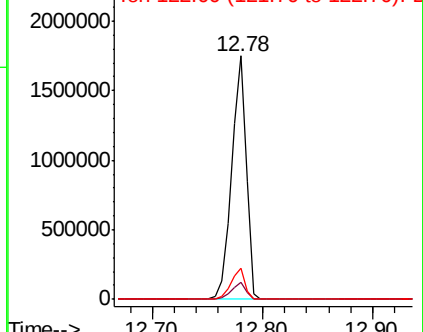
122 13.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.957 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

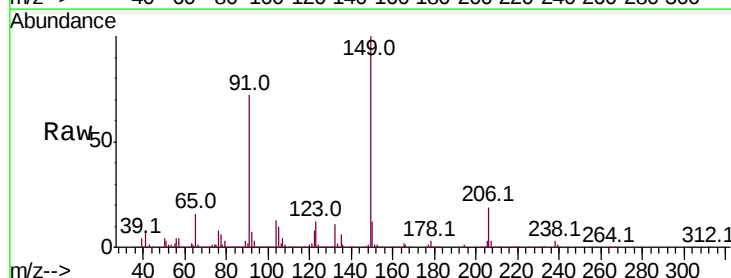
Tgt Ion:149 Resp: 828479

Ion Ratio Lower Upper

149 100

91 72.0 54.7 82.1

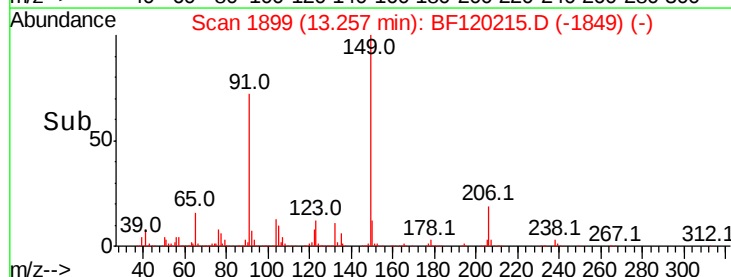
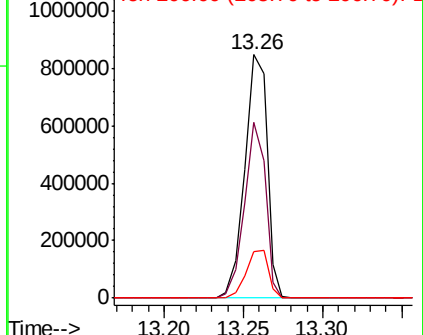
206 18.9 16.2 24.2

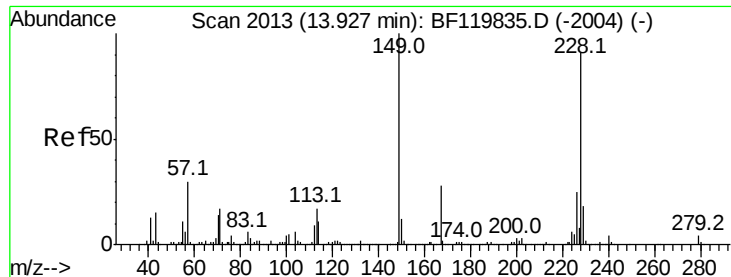


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.195 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

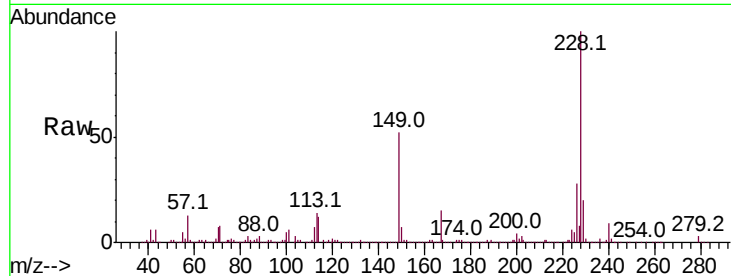
Tot Ion:228 Resp: 1393278

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

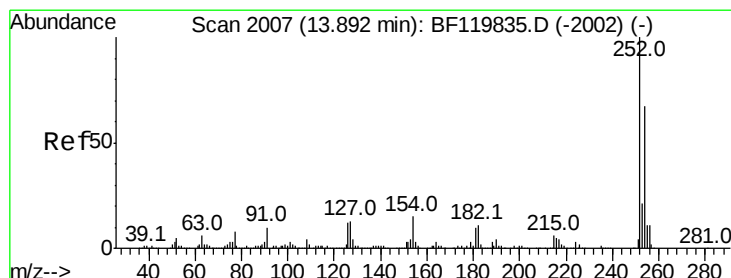
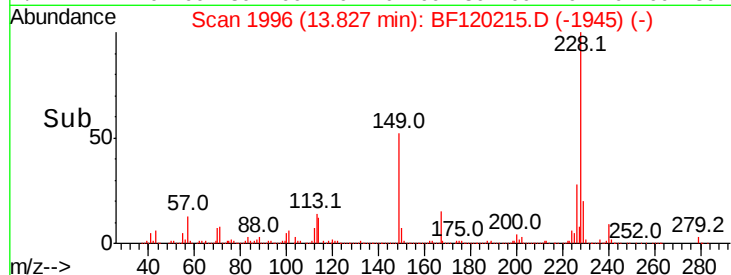
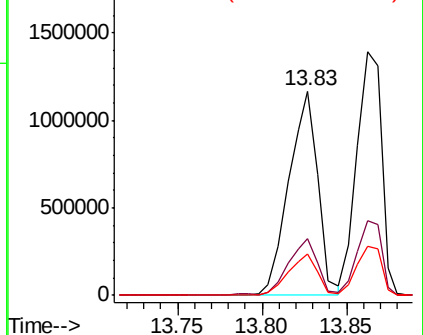
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.517 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

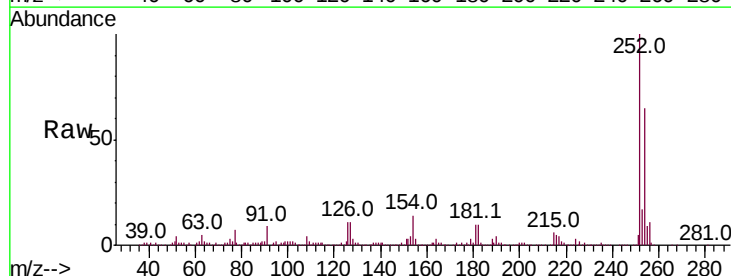
Tgt Ion:252 Resp: 441902

Ion Ratio Lower Upper

252 100

254 65.3 51.2 76.8

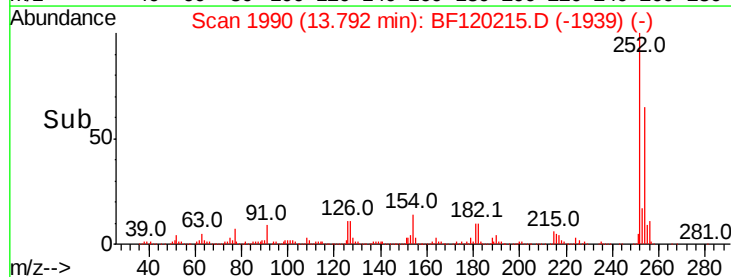
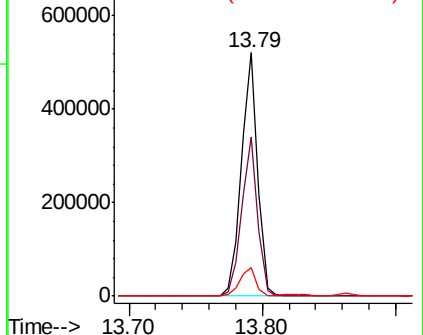
126 11.5 9.6 14.4

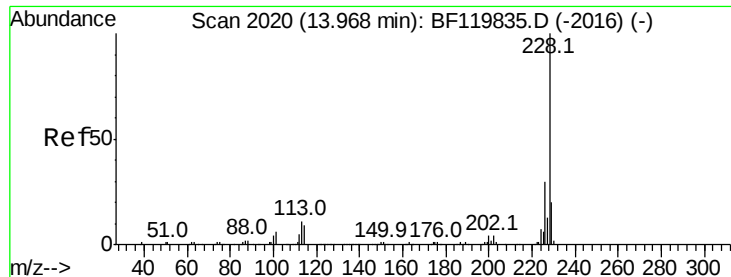


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

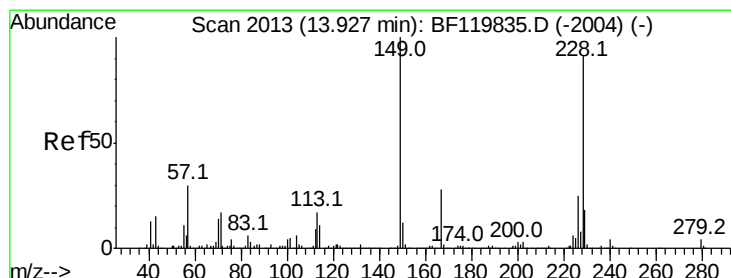
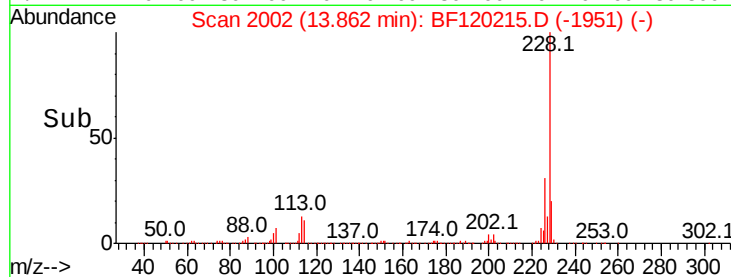
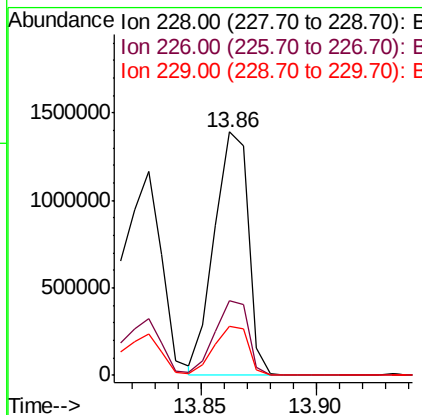
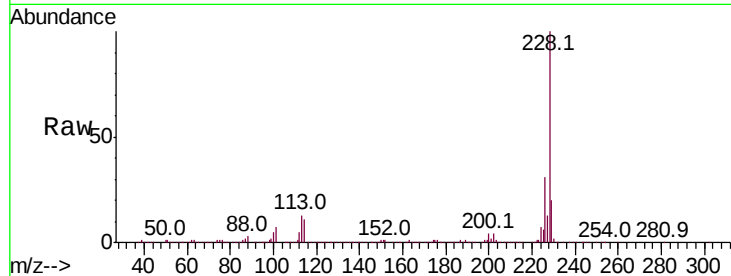




#83
 Chrvsene
 Concen: 51.231 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

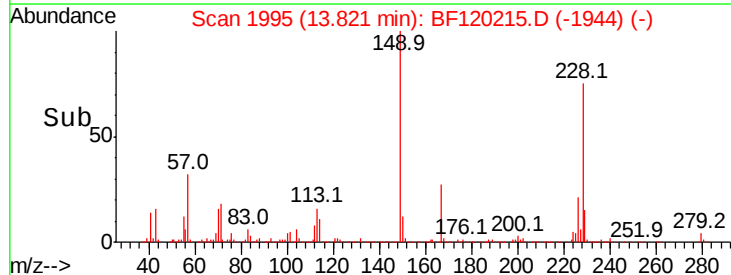
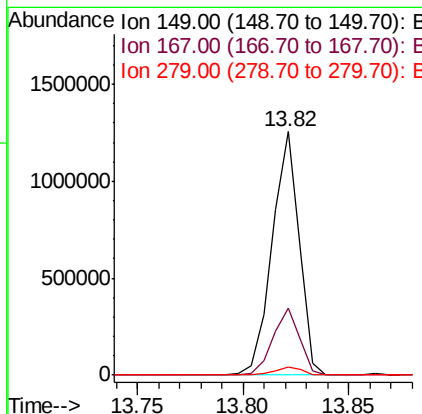
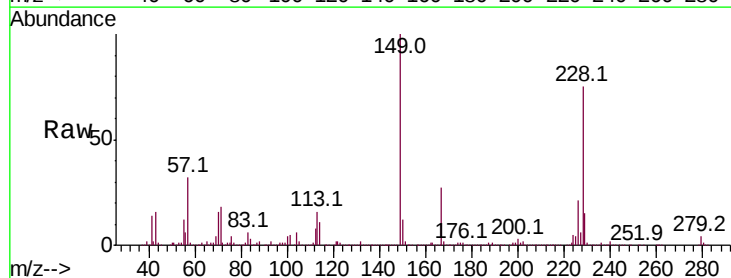
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

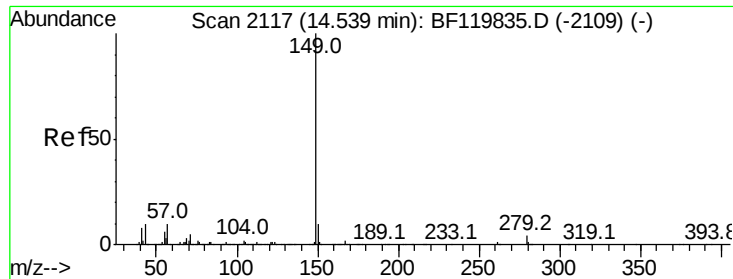
Tot Ion:228 Resp: 1416683
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.3 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.577 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion:149 Resp: 1113210
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 46.363 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

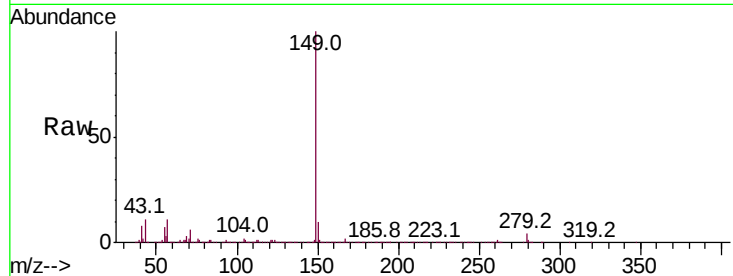
Tot Ion:149 Resp: 1809040

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

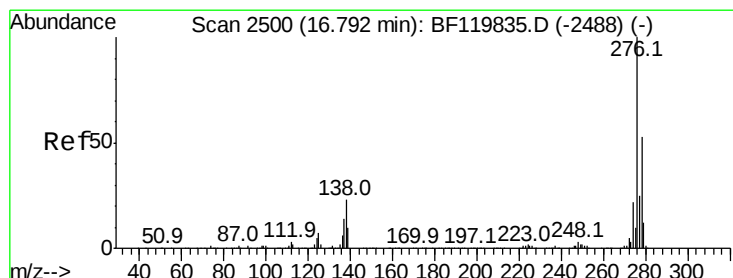
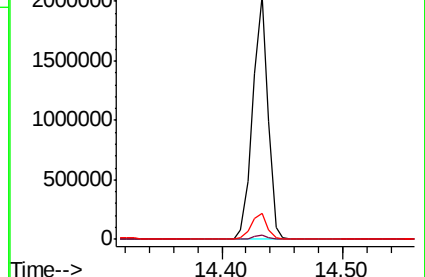
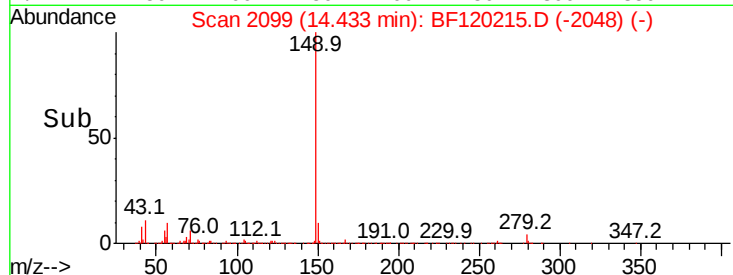
43 10.9 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.962 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

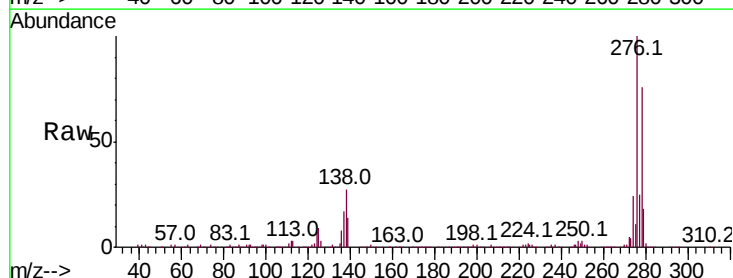
Tgt Ion:276 Resp: 1291008

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

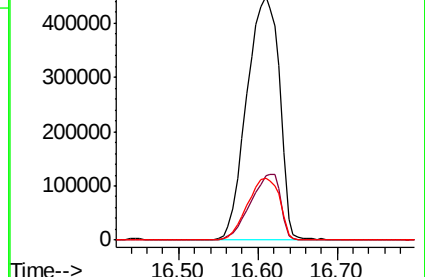
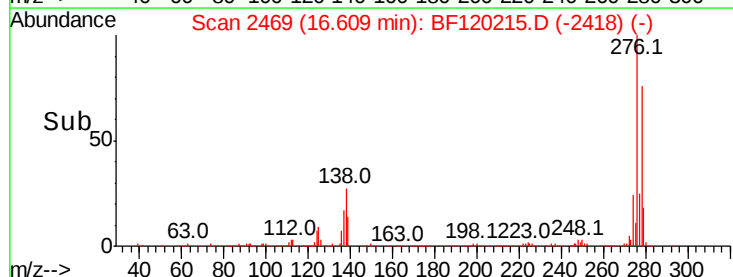
277 25.1 20.0 30.0

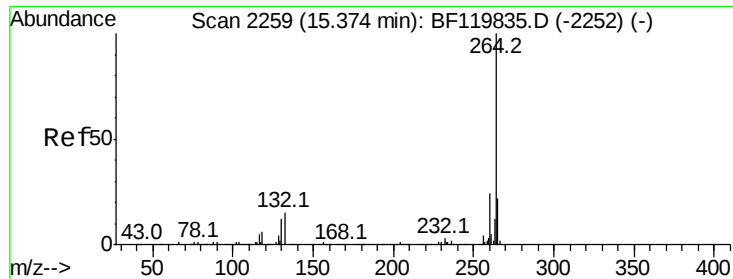


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

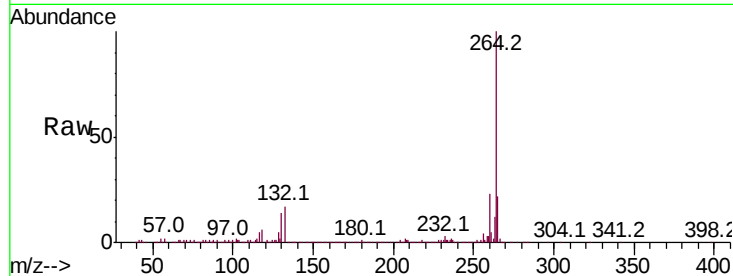
Tot Ion:264 Resp: 367810

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

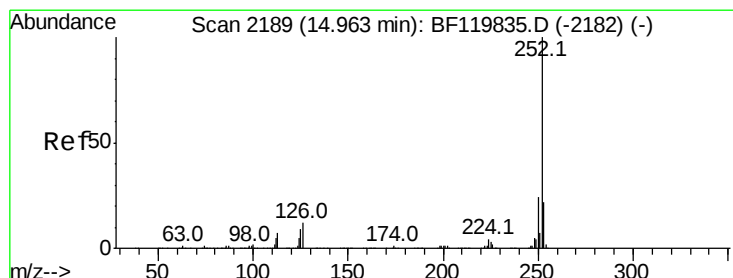
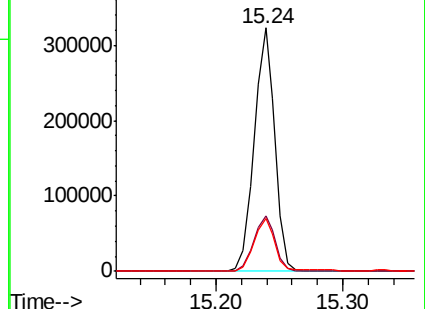
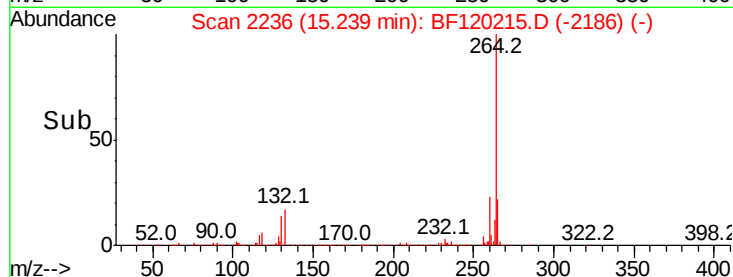
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.512 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

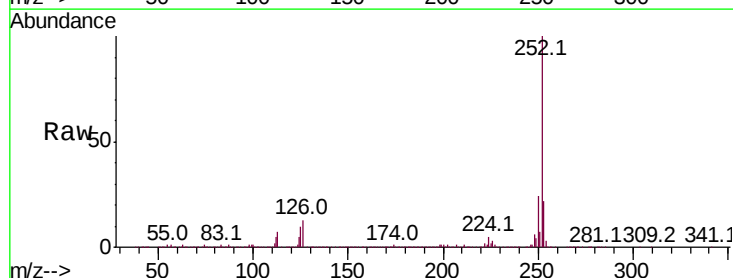
Tgt Ion:252 Resp: 1415901

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

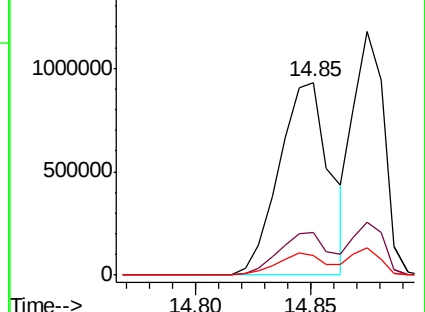
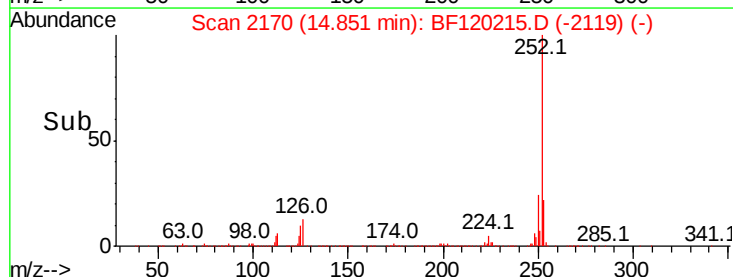
125 10.0 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

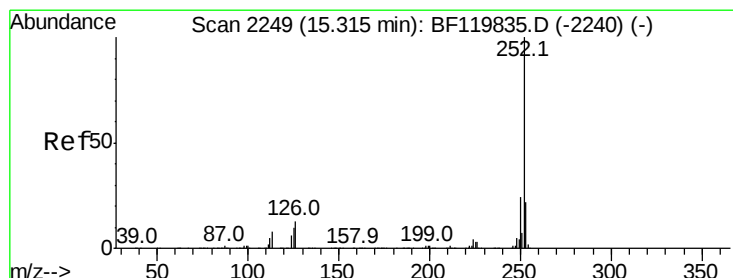
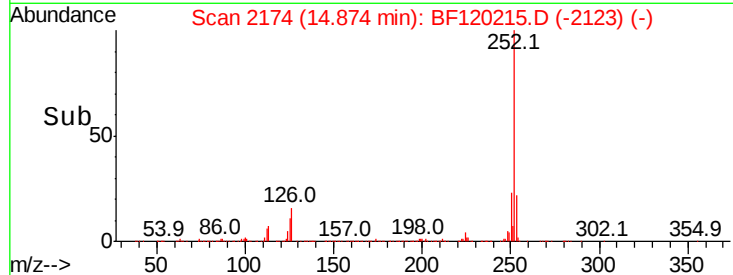
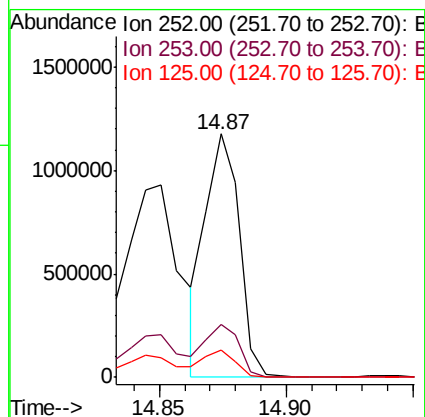
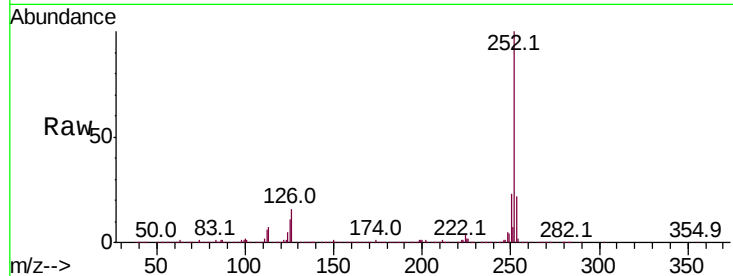




#89
Benzo(k)fluoranthene
Concen: 47.547 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

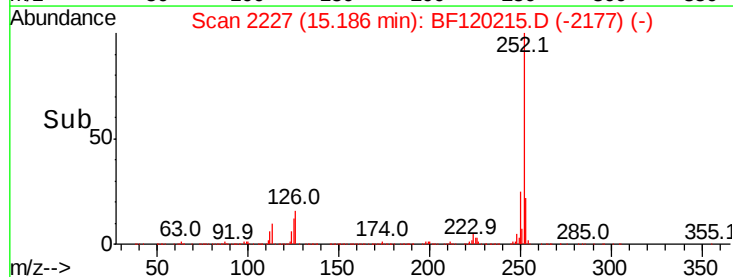
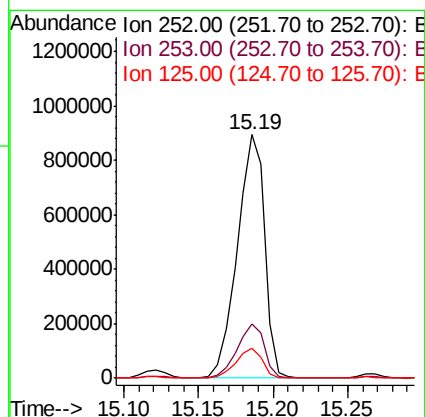
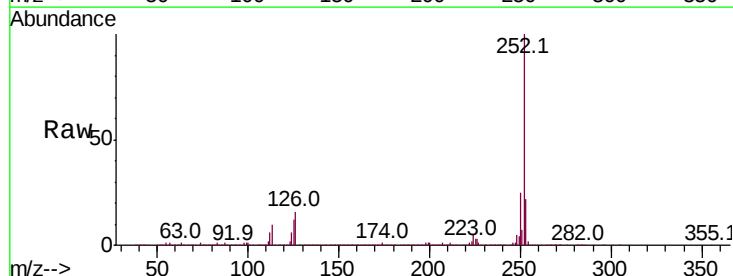
Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

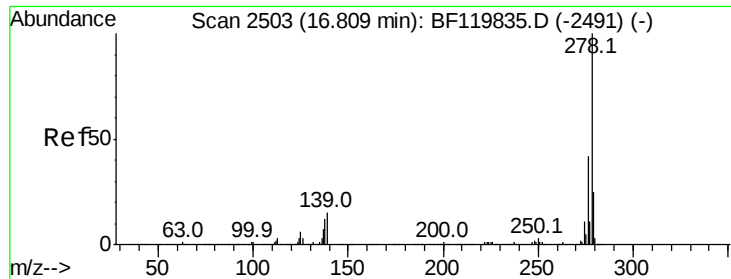
Tot Ion:252 Resp: 1085473
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 51.259 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:252 Resp: 1140360
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 12.2 9.4 14.2

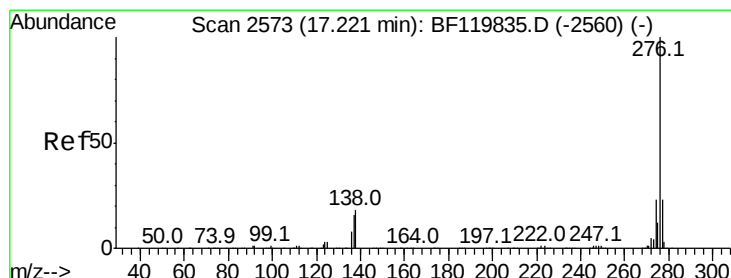
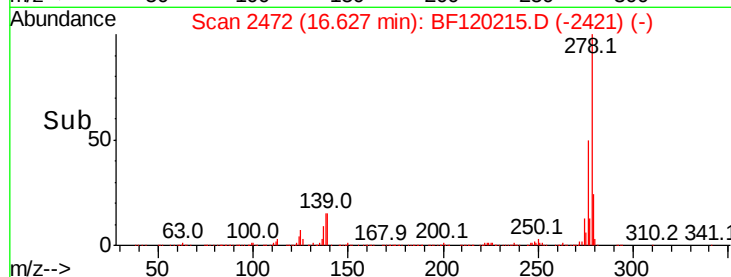
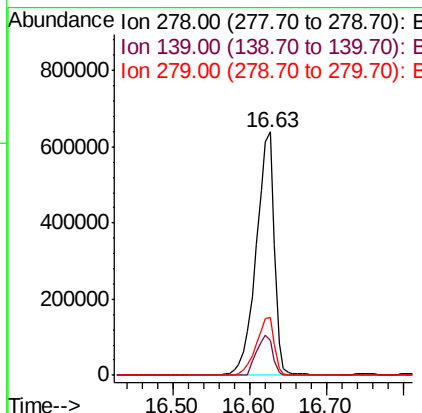
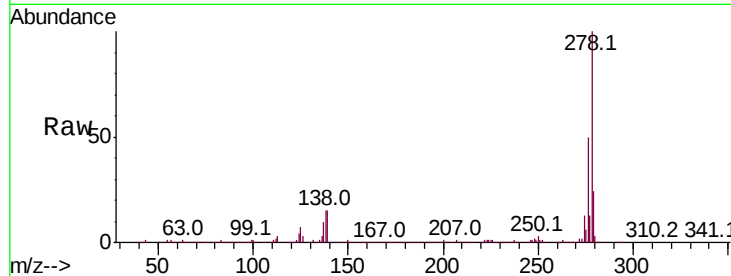




#91
Dibenzo(a,h)anthracene
Concen: 53.830 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:278 Resp: 1060786
Ion Ratio Lower Upper
278 100
139 14.6 12.6 19.0
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 55.431 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:276 Resp: 1078237
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 19.6 15.4 23.0

