

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120214.D
 Acq On : 27 Apr 2020 13:07
 Operator : MA/SJ
 Sample : L2407-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Quant Time: Apr 27 13:37:05 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	151204	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	581997	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	287718	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	569170	20.00	ng	0.00
76) Chrysene-d12	13.83	240	383218	20.00	ng	0.00
87) Perylene-d12	15.24	264	338844	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	731022	83.55	ng	0.00
7) Phenol-d6	6.32	99	959102	85.07	ng	0.00
23) Nitrobenzene-d5	7.23	82	613993	54.58	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	267989	76.08	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1206613	59.54	ng	0.00
79) Terphenyl-d14	12.78	244	1365238	59.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	178972	45.926	ng	99
3) Pyridine	3.03	79	500182	46.782	ng	95
4) n-Nitrosodimethylamine	3.00	42	288021	52.724	ng	97
6) Aniline	6.33	93	603839	40.808	ng	# 60
8) 2-Chlorophenol	6.46	128	558385	57.119	ng	100
9) Benzaldehyde	6.21	77	216809	33.353	ng	95
10) Phenol	6.34	94	711157	55.602	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	531584	53.828	ng	96
12) 1,3-Dichlorobenzene	6.60	146	561374	52.452	ng	97
13) 1,4-Dichlorobenzene	6.68	146	568305	52.127	ng	98
14) 1,2-Dichlorobenzene	6.84	146	537892	53.535	ng	98
15) Benzyl Alcohol	6.82	79	455932	52.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	880110	45.798	ng	61
17) 2-Methylphenol	6.95	107	441246	50.578	ng	# 90
18) Hexachloroethane	7.17	117	218549	53.639	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	380670	52.509	ng	99
20) 3+4-Methylphenols	7.10	107	574336	53.828	ng	# 84
22) Acetophenone	7.08	105	751931	55.173	ng	# 99
24) Nitrobenzene	7.26	77	583906	51.596	ng	98
25) Isophorone	7.50	82	1071324	49.401	ng	99
26) 2-Nitrophenol	7.57	139	307941	54.465	ng	90
27) 2,4-Dimethylphenol	7.62	122	466117	54.662	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	663162	51.967	ng	99
29) 2,4-Dichlorophenol	7.82	162	458159	52.417	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	494369	49.917	ng	98
31) Naphthalene	7.97	128	1580076	51.602	ng	98
32) Benzoic acid	7.79	122	348373	46.518	ng	93
33) 4-Chloroaniline	8.03	127	359170	26.944	ng	98
34) Hexachlorobutadiene	8.09	225	285101	48.090	ng	98
35) Caprolactam	8.42	113	78154	29.231	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	495841	52.397	ng	98
37) 2-Methylnaphthalene	8.67	142	1067005	51.398	ng	98
38) 1-Methylnaphthalene	8.77	142	1002395	51.229	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	466636	51.350	ng	99

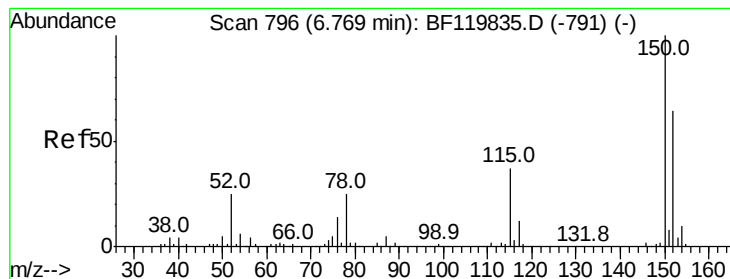
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	464003	89.794	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	328051	52.277	nq	97
44) 2,4,5-Trichlorophenol	9.00	196	346092	48.968	nq	95
46) 1,1'-Biphenyl	9.13	154	1269736	52.285	nq	98
47) 2-Chloronaphthalene	9.16	162	966524	51.664	nq	99
48) 2-Nitroaniline	9.26	65	351673	51.873	nq	94
49) Acenaphthylene	9.57	152	1519659	53.413	nq	98
50) Dimethylphthalate	9.45	163	1314938	59.086	nq	100
51) 2,6-Dinitrotoluene	9.50	165	250362	51.373	nq	89
52) Acenaphthene	9.75	154	908486	47.868	nq	99
53) 3-Nitroaniline	9.67	138	179922	32.326	nq	91
54) 2,4-Dinitrophenol	9.79	184	270603	92.745	nq	97
55) Dibenzofuran	9.92	168	1372580	52.703	nq	100
56) 4-Nitrophenol	9.87	139	351801	84.950	nq	96
57) 2,4-Dinitrotoluene	9.92	165	333633	51.962	nq	# 91
58) Fluorene	10.26	166	984902	47.287	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	282559	52.272	nq	98
60) Diethylphthalate	10.15	149	1084134	47.003	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	472463	44.258	nq	98
62) 4-Nitroaniline	10.30	138	246683	46.506	nq	96
63) Azobenzene	10.42	77	1133334	54.828	nq	95
65) 4,6-Dinitro-2-methylphenol	10.33	198	174190	46.454	nq	93
66) n-Nitrosodiphenylamine	10.37	169	1005066	53.097	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	320854	45.330	nq	98
68) Hexachlorobenzene	10.81	284	343844	47.885	nq	92
69) Atrazine	10.91	200	272459	51.733	nq	98
70) Pentachlorophenol	11.01	266	318849	77.054	nq	98
71) Phenanthrene	11.22	178	1600210	52.826	nq	98
72) Anthracene	11.27	178	1666308	53.848	nq	98
73) Carbazole	11.43	167	1494755	51.079	nq	98
74) Di-n-butylphthalate	11.76	149	1856646	48.262	nq	99
75) Fluoranthene	12.41	202	1562847	47.816	nq	97
77) Benzidine	12.53	184	928164	71.651	nq	98
78) Pyrene	12.64	202	1771369	54.831	nq	98
80) Butylbenzylphthalate	13.26	149	784198	50.025	nq	97
81) Benzo(a)anthracene	13.83	228	1318735	52.309	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	403334	42.878	nq	98
83) Chrysene	13.86	228	1373957	53.636	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1045812	49.265	nq	99
85) Di-n-octyl phthalate	14.43	149	1708437	47.266	nq	98
86) Indeno(1,2,3-cd)pyrene	16.61	276	1220478	54.050	nq	99
88) Benzo(b)fluoranthene	14.84	252	1223406	50.190	nq	98
89) Benzo(k)fluoranthene	14.87	252	1162287	55.264	nq	99
90) Benzo(a)pyrene	15.19	252	1084305	52.906	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	996417	54.886	nq	98
92) Benzo(g,h,i)perylene	17.02	276	979678	54.669	nq	98

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

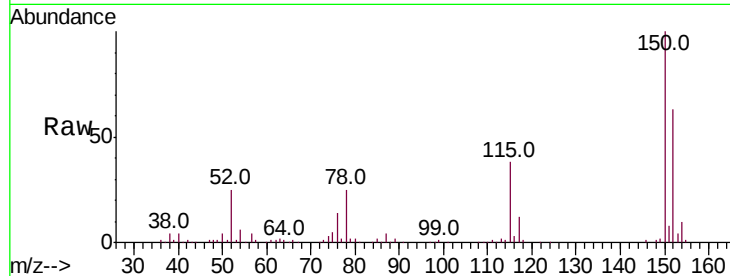


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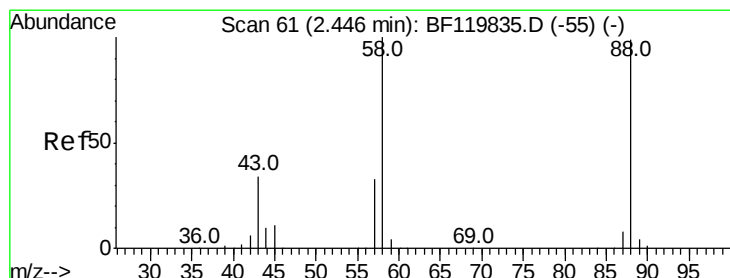
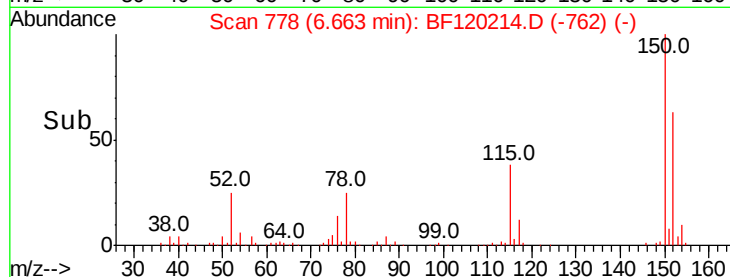
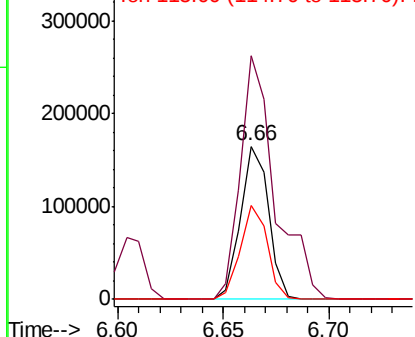
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:152 Resp: 151204
Ion Ratio Lower Upper
152 100
150 158.9 124.5 186.7
115 61.0 49.6 74.4



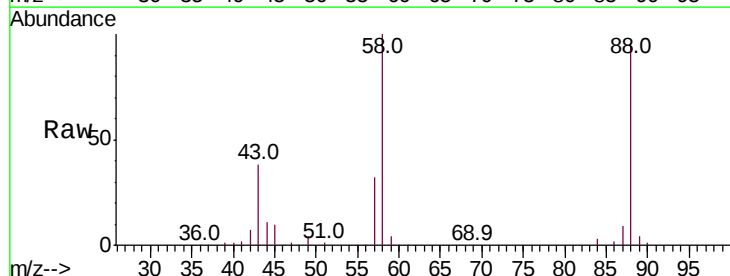
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



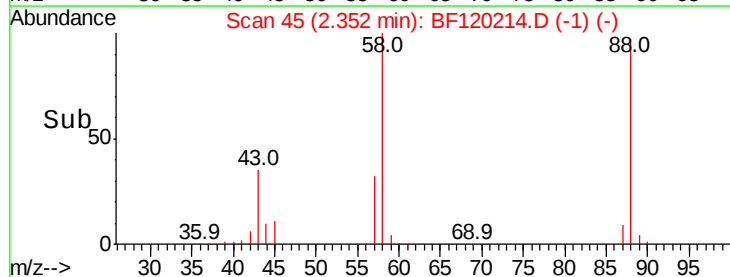
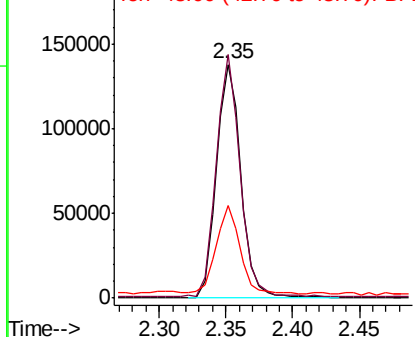
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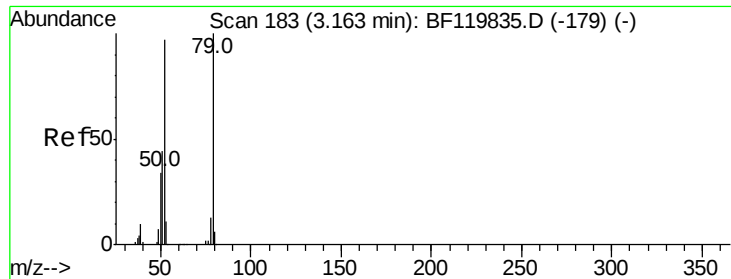
1,4-Dioxane
Concen: 45.926 ng
RT: 2.35 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 88 Resp: 178972
Ion Ratio Lower Upper
88 100
58 100.6 80.6 121.0
43 36.2 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: 46.782 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.07 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

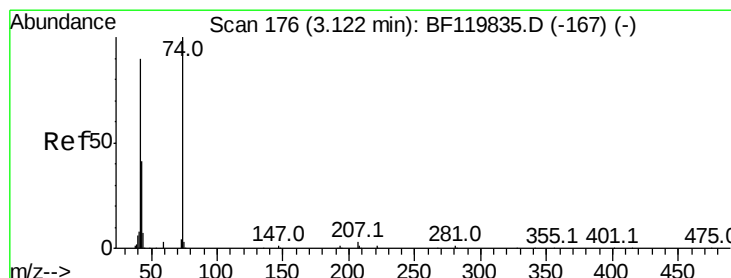
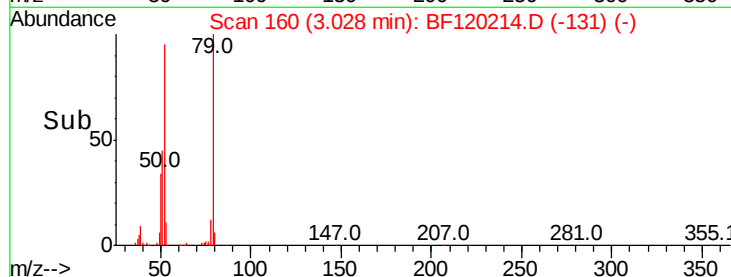
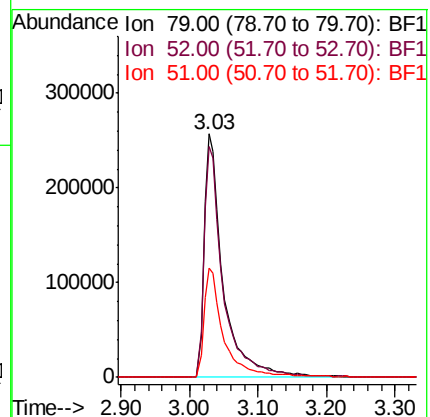
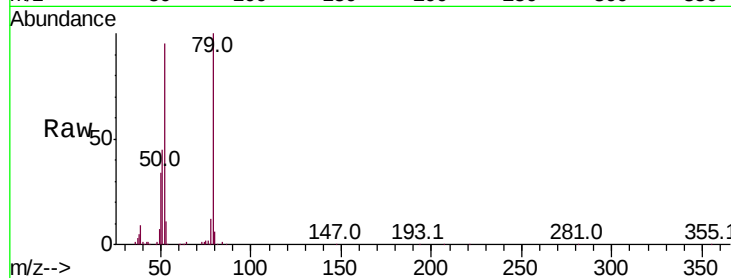
Tot Ion: 79 Resp: 500182

Ion Ratio Lower Upper

79 100

52 95.0 80.2 120.2

51 44.8 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 52.724 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.08 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

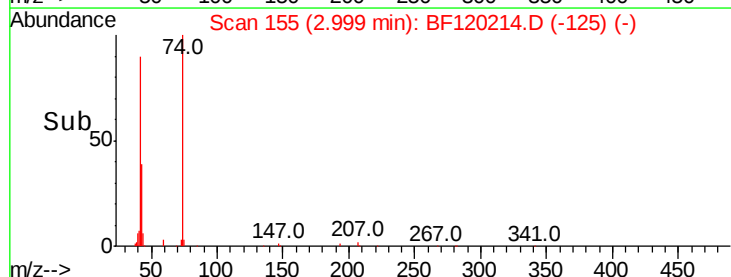
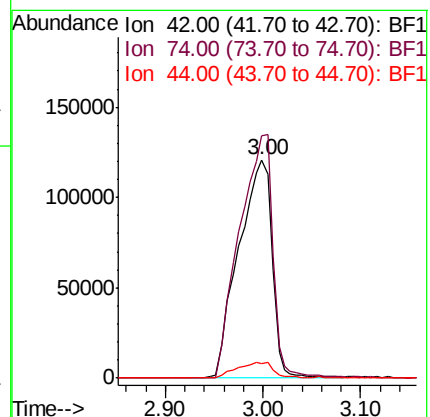
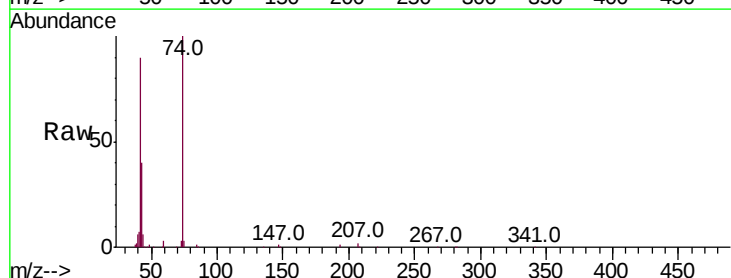
Tgt Ion: 42 Resp: 288021

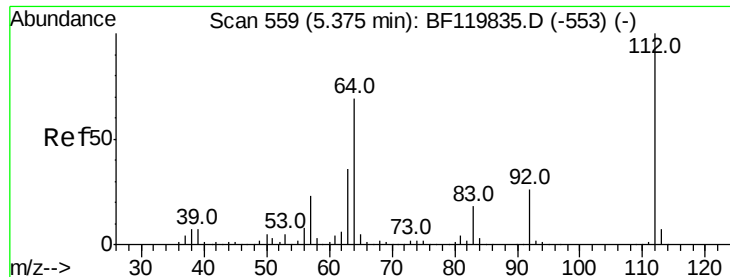
Ion Ratio Lower Upper

42 100

74 110.8 91.5 137.3

44 6.6 6.2 9.4





#5

2-Fluorophenol

Concen: 83.552 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

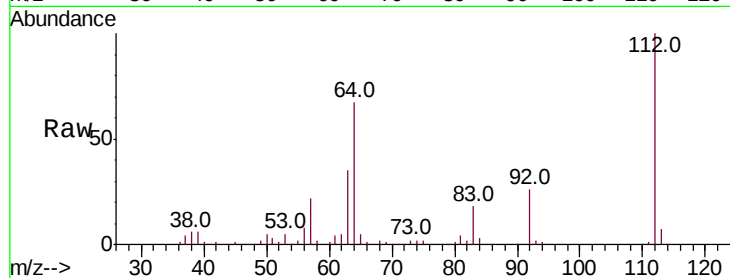
Tot Ion:112 Resp: 731022

Ion Ratio Lower Upper

112 100

64 66.9 56.7 85.1

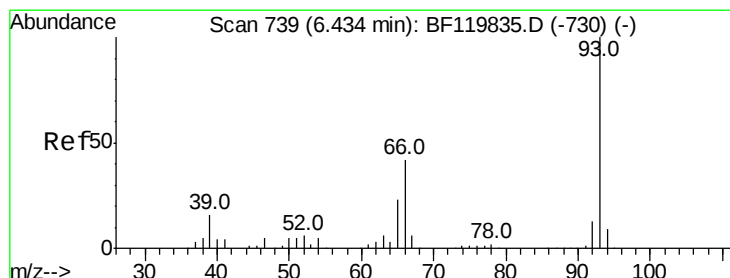
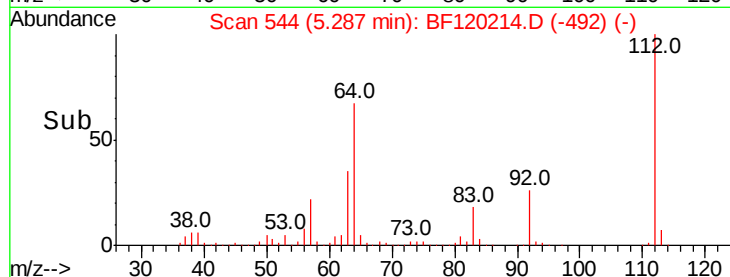
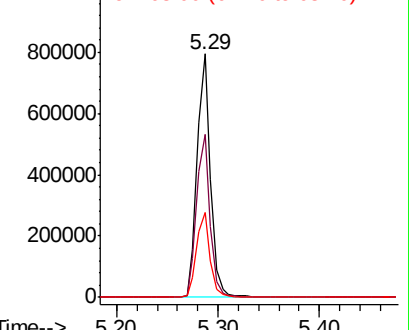
63 34.8 29.5 44.3



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: 40.808 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

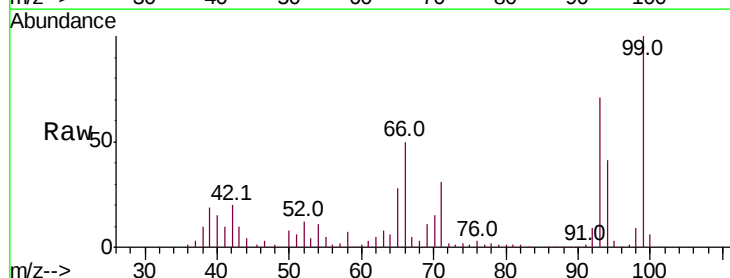
Tgt Ion: 93 Resp: 603839

Ion Ratio Lower Upper

93 100

66 71.1 34.9 52.3#

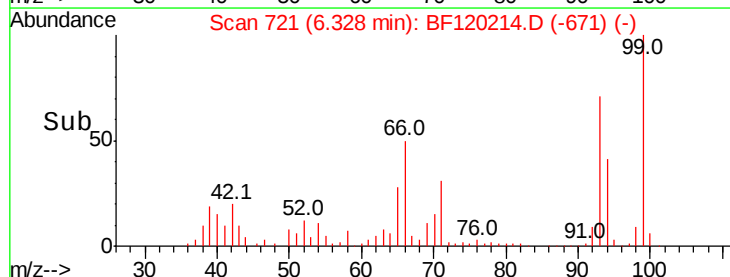
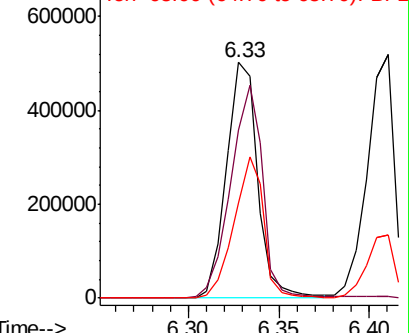
65 40.3 18.6 27.8#

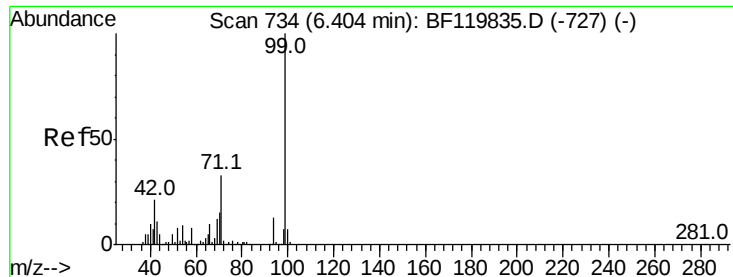


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.073 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

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ClientSampleId :

RBR-200010MS

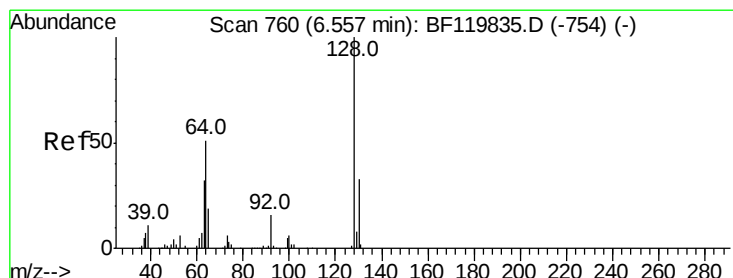
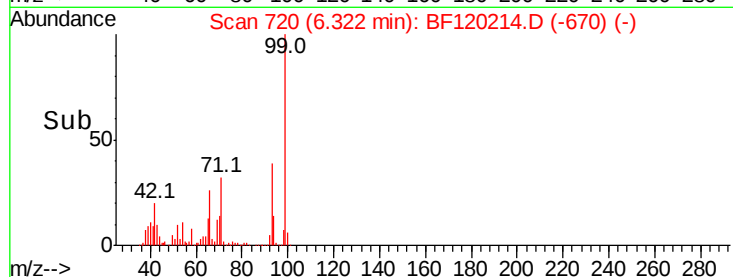
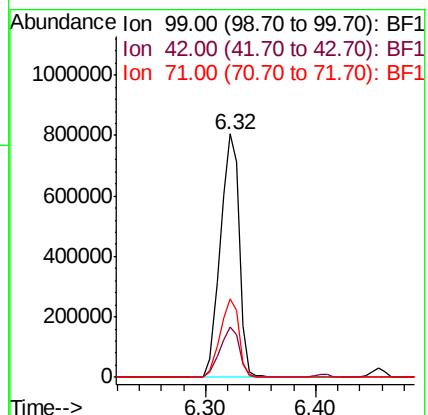
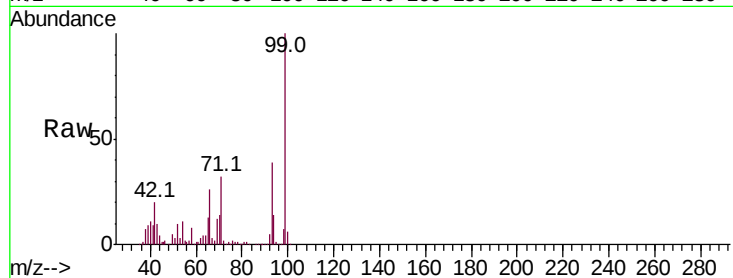
Tot Ion: 99 Resp: 959102

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 32.5 26.4 39.6



#8

2-Chlorophenol

Concen: 57.119 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

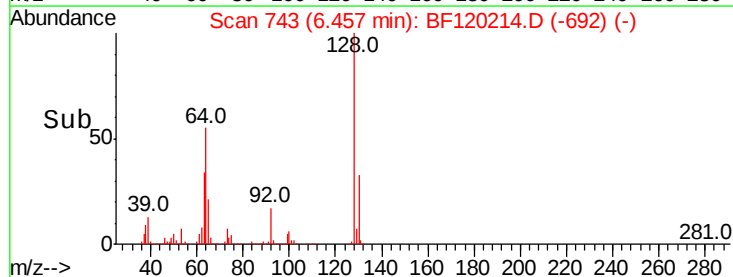
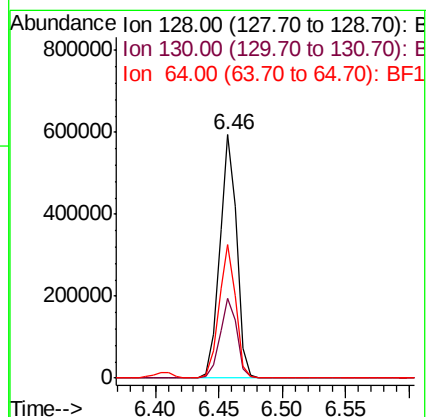
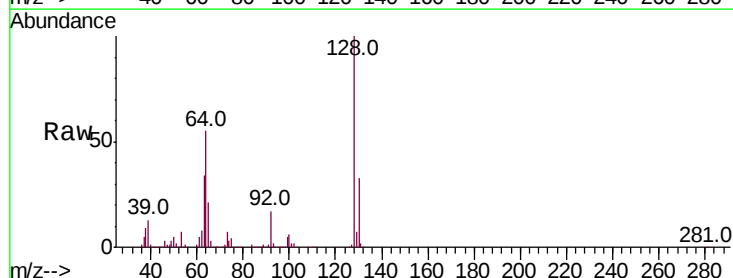
Tgt Ion: 128 Resp: 558385

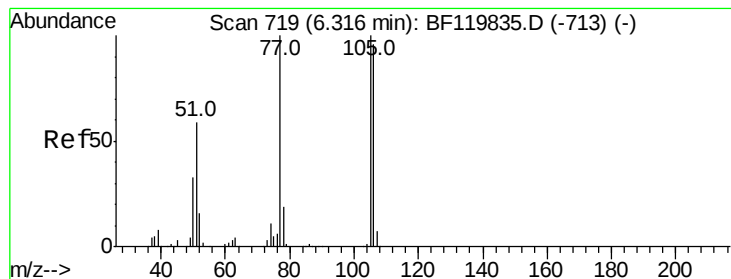
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 54.9 35.3 75.3





#9

Benzaldehyde

Concen: 33.353 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

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ClientSampleId :

RBR-200010MS

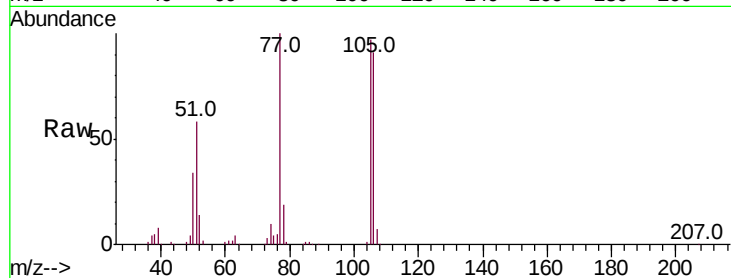
Tot Ion: 77 Resp: 216809

Ion Ratio Lower Upper

77 100

105 97.3 80.9 120.9

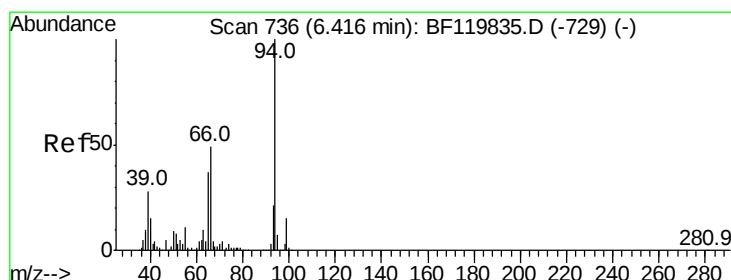
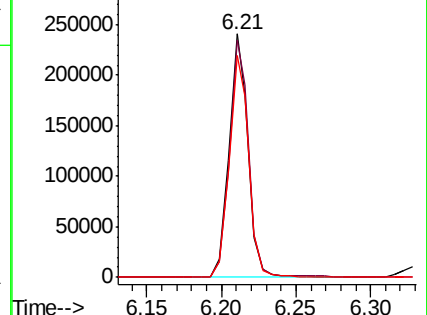
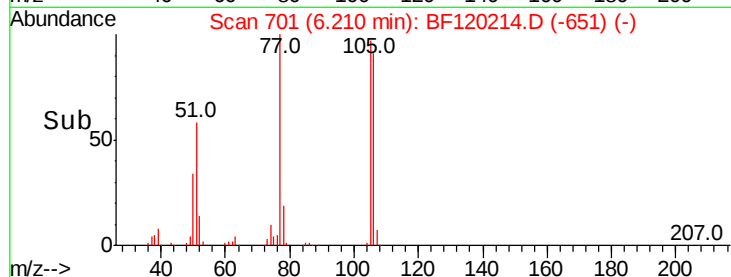
106 91.2 77.9 117.9



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: 55.602 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

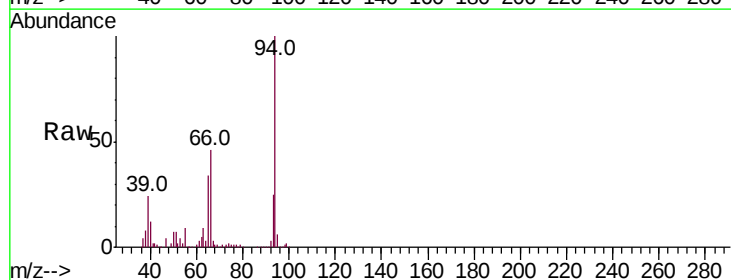
Tgt Ion: 94 Resp: 711157

Ion Ratio Lower Upper

94 100

65 33.6 13.2 53.2

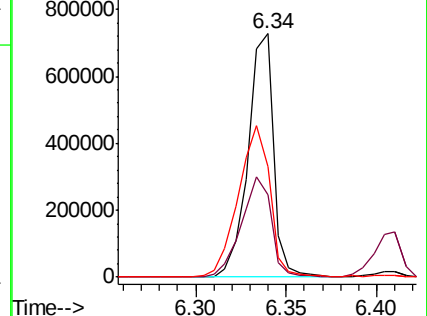
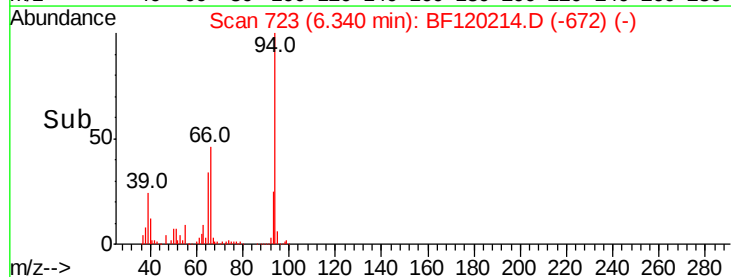
66 45.6 22.3 62.3

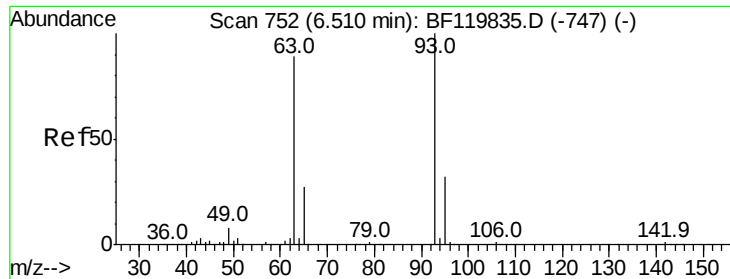


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

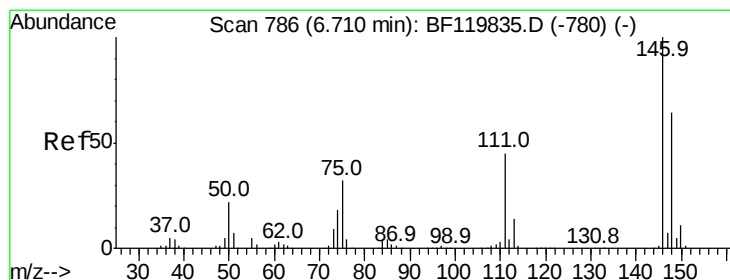
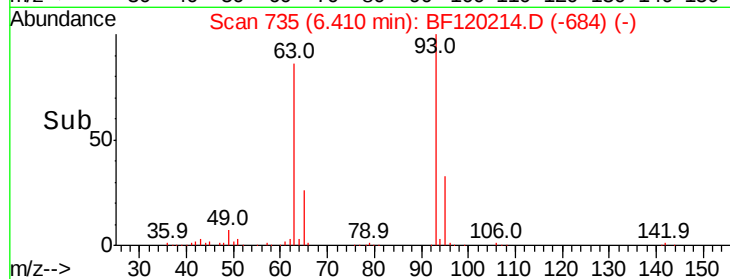
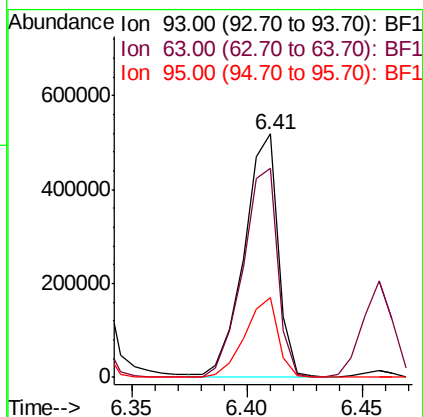
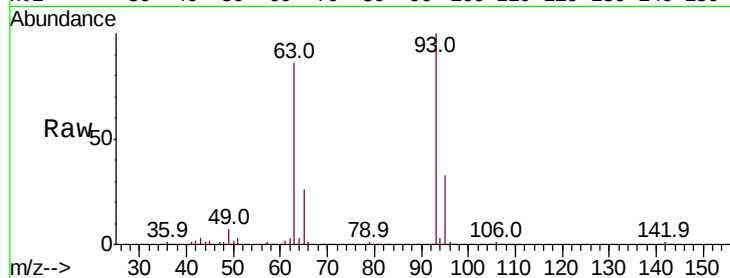




#11
bis(2-Chloroethyl)ether
Concen: 53.828 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

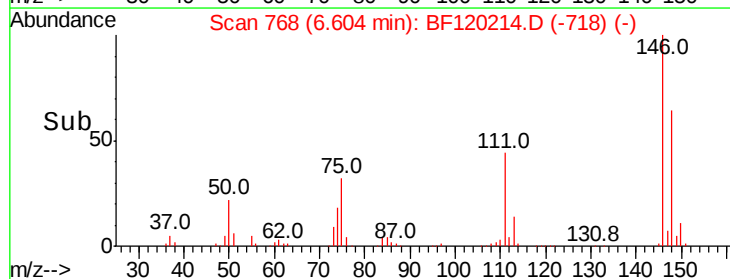
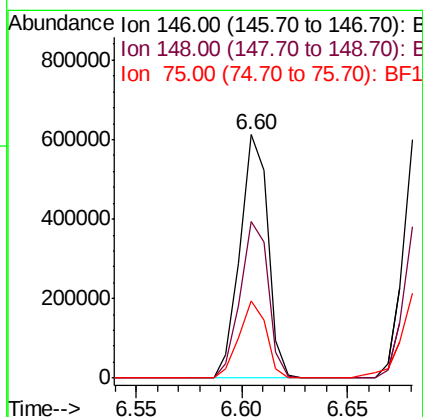
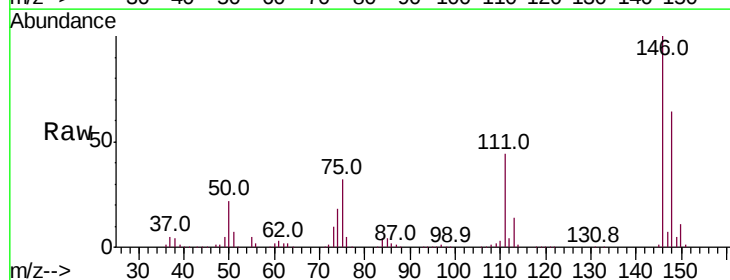
Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

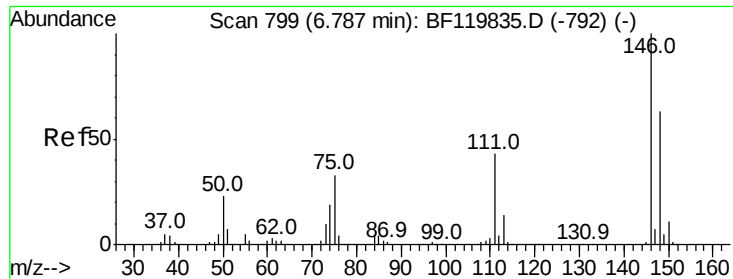
Tot Ion: 93 Resp: 531584
Ion Ratio Lower Upper
93 100
63 85.7 70.2 110.2
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 52.452 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 146 Resp: 561374
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
75 31.9 23.0 34.4

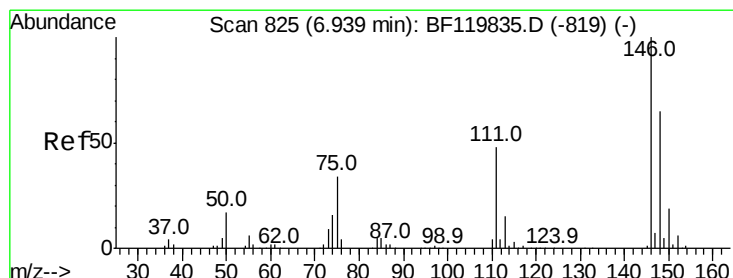
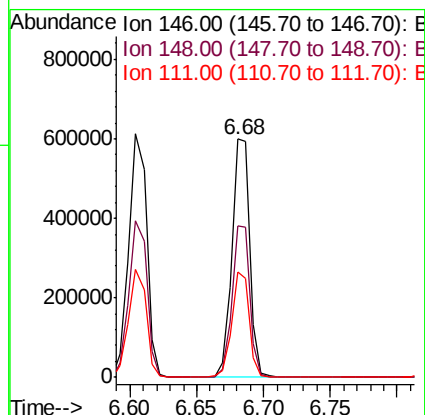
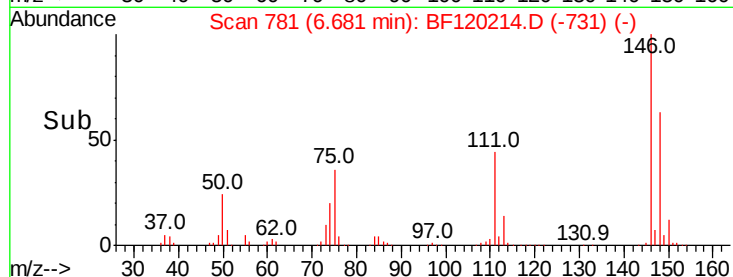
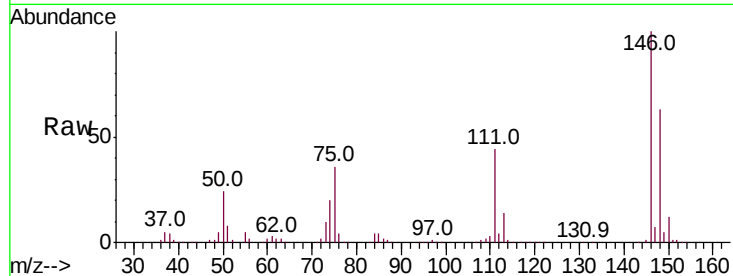




#13
 1,4-Dichlorobenzene
 Concen: 52.127 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

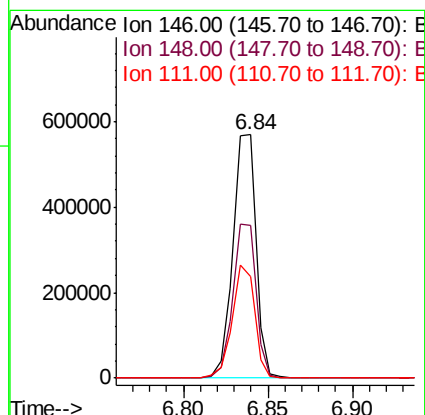
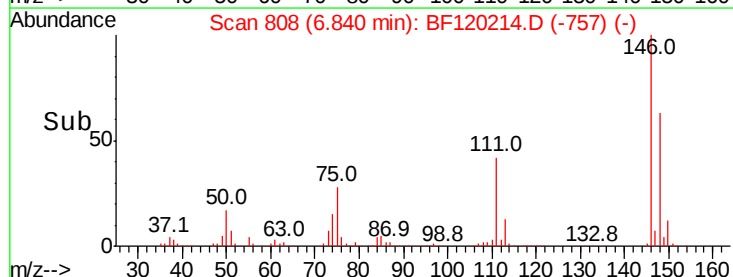
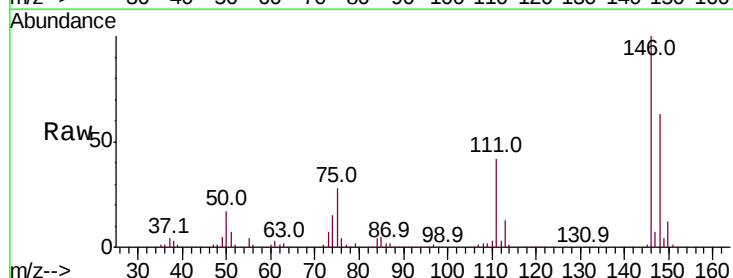
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

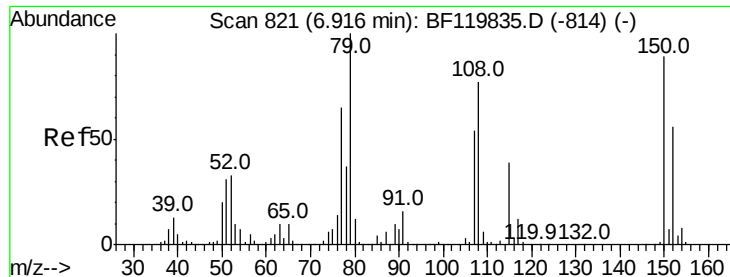
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	44.2	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 53.535 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	41.9	36.1	54.1

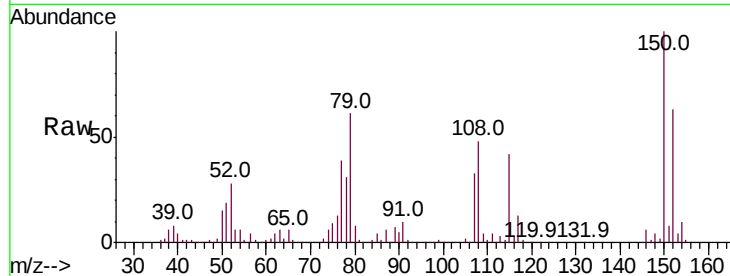




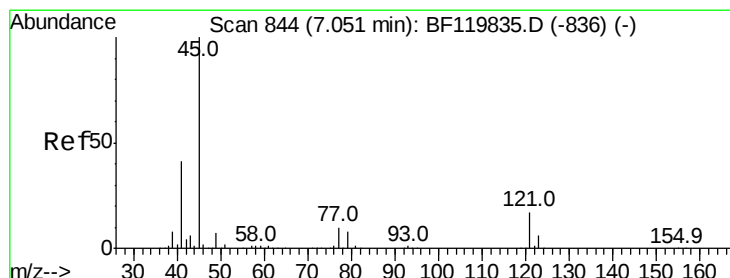
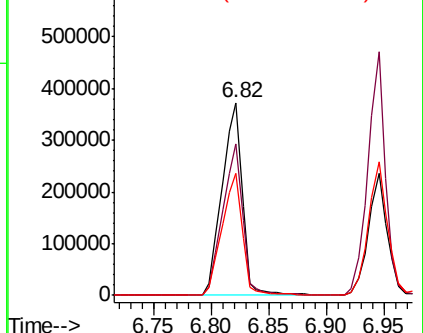
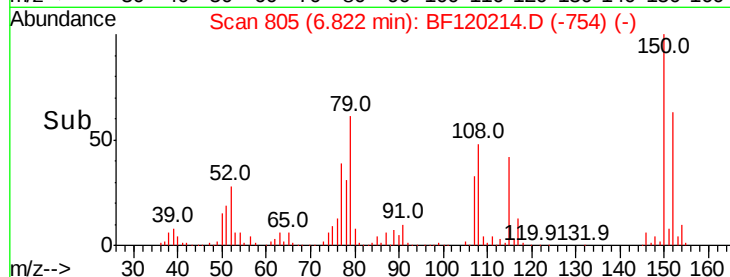
#15
Benzyl Alcohol
Concen: 52.068 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion: 79 Resp: 455932
Ion Ratio Lower Upper
79 100
108 78.8 60.6 90.8
77 63.1 50.2 75.2

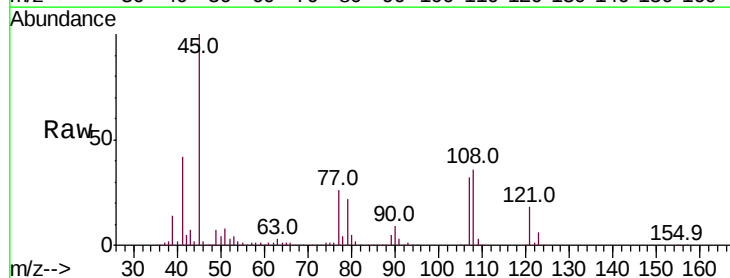


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

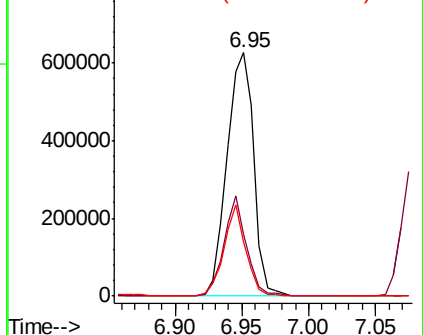
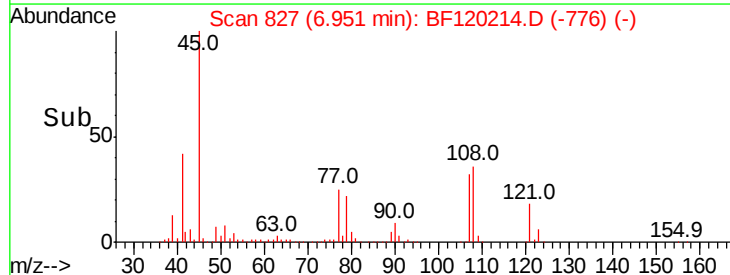


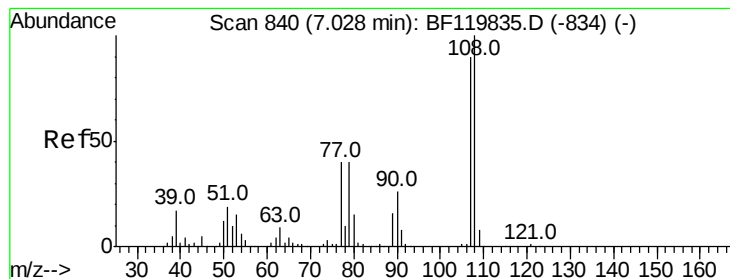
#16
2,2'-oxybis(1-chloropropane)
Concen: 45.798 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 45 Resp: 880110
Ion Ratio Lower Upper
45 100
77 25.5 0.0 30.7
79 22.1 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: 50.578 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:107 Resp: 441246

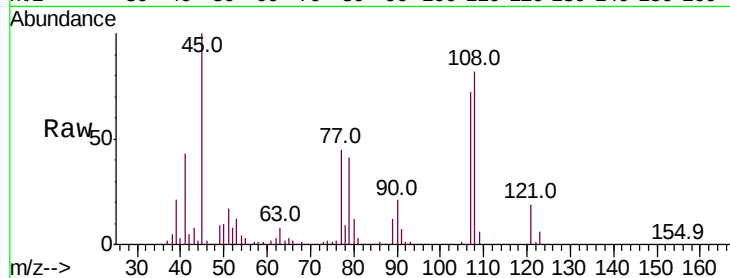
Ion Ratio Lower Upper

107 100

108 112.9 92.2 138.4

77 61.7 36.6 54.8#

79 56.3 36.2 54.4#

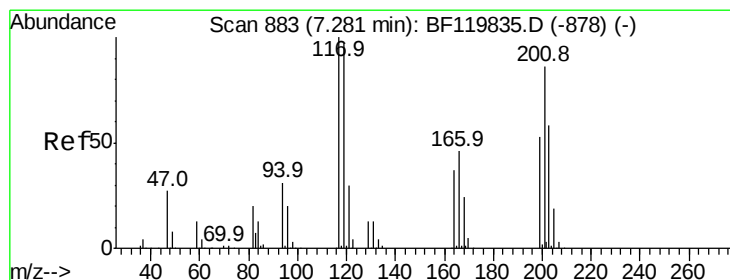
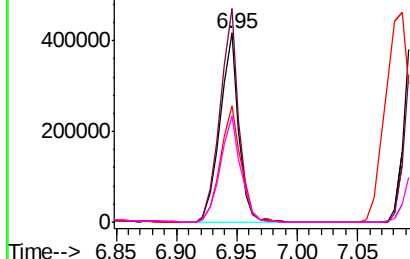
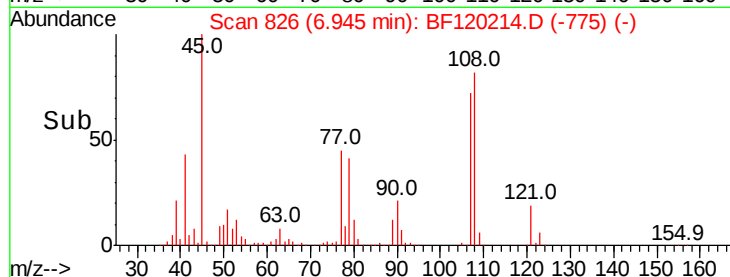


Abundance Ion 107.00 (106.70 to 107.70): E

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: 53.639 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

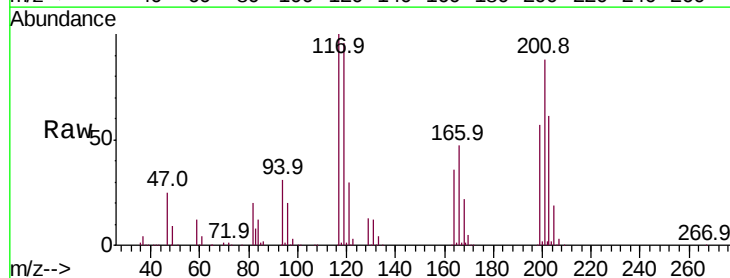
Tgt Ion:117 Resp: 218549

Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

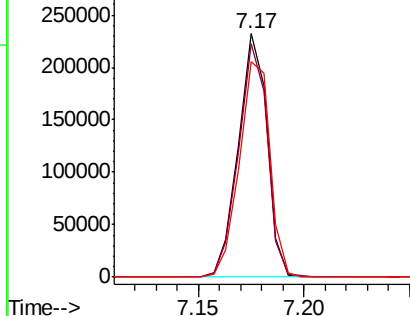
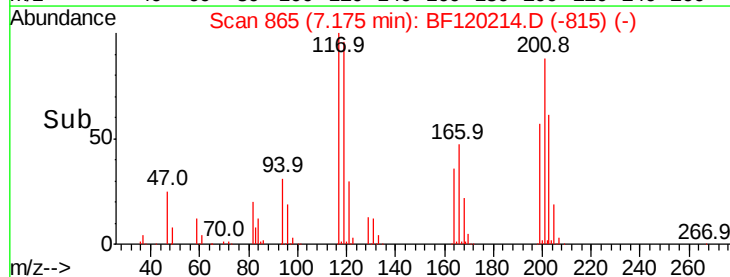
201 88.4 73.0 109.6

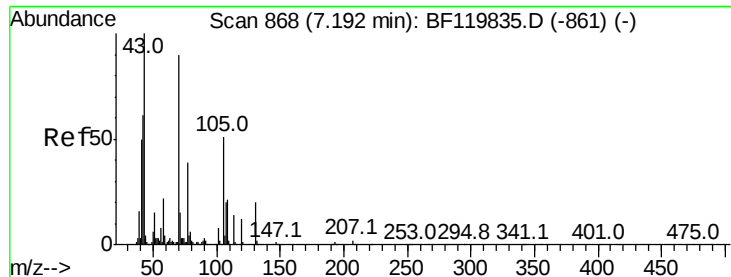


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

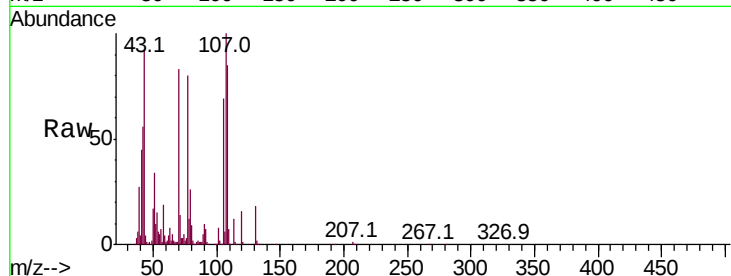




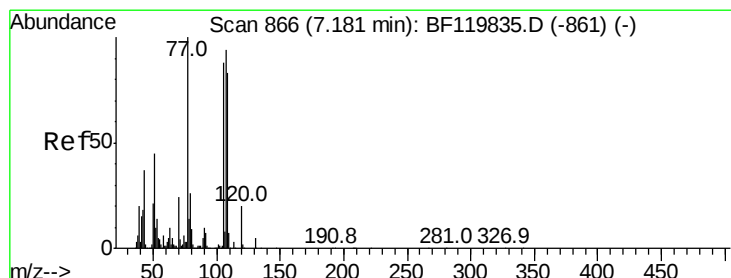
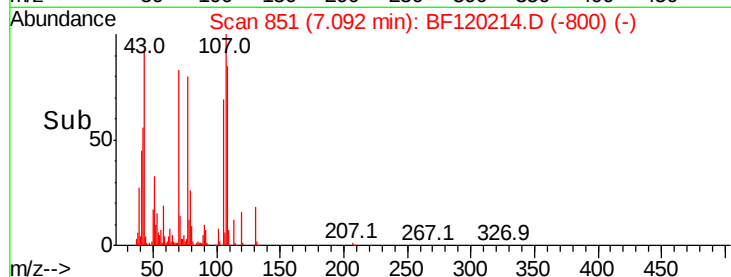
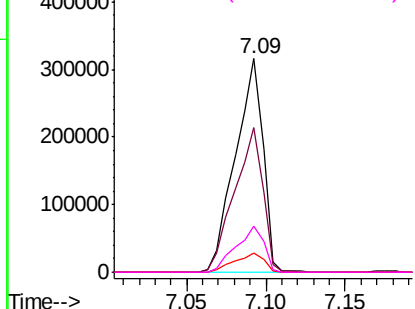
#19
n-Nitroso-di-n-propylamine
Concen: 52.509 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:	70	Resp:	380670
Ion	Ratio	Lower	Upper
70	100		
42	67.6	54.5	81.7
101	9.1	7.6	11.4
130	21.3	17.6	26.4

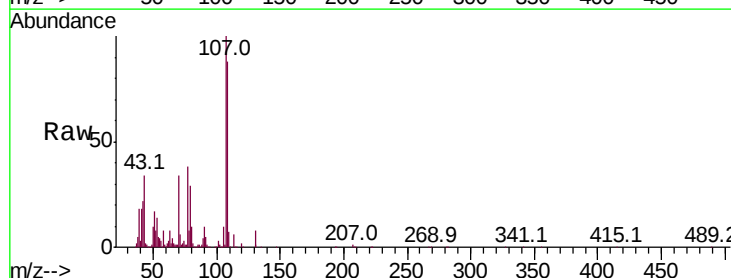


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

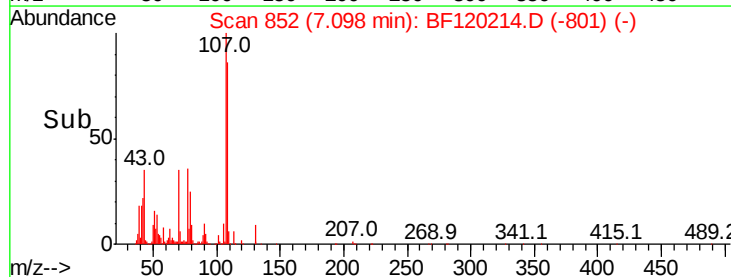
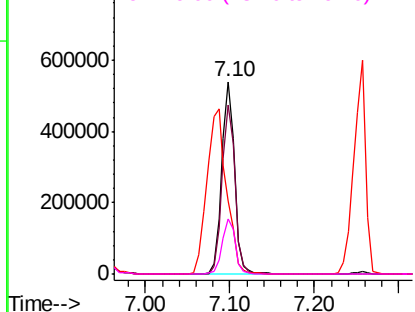


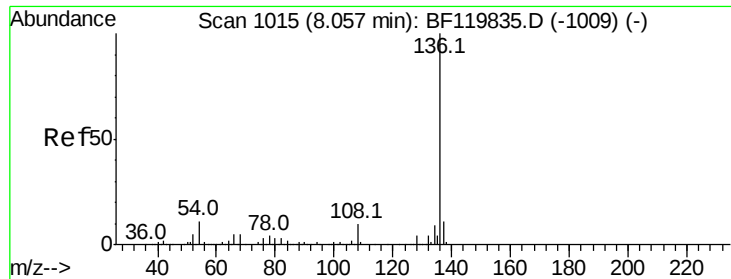
#20
3+4-Methylphenols
Concen: 53.828 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:	107	Resp:	574336
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.9	107.9
77	38.3	52.9	92.9#
79	28.6	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

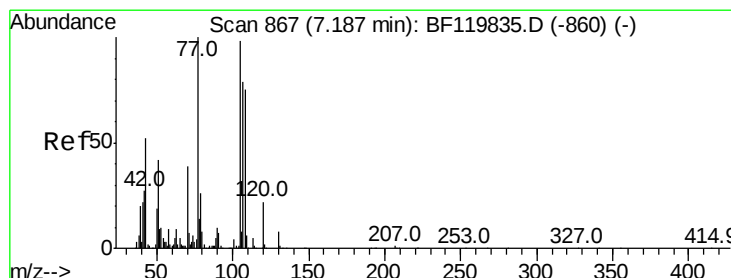
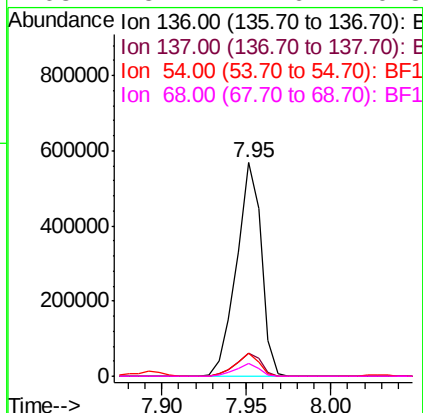
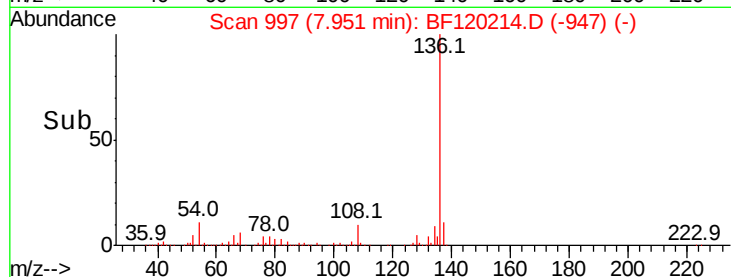
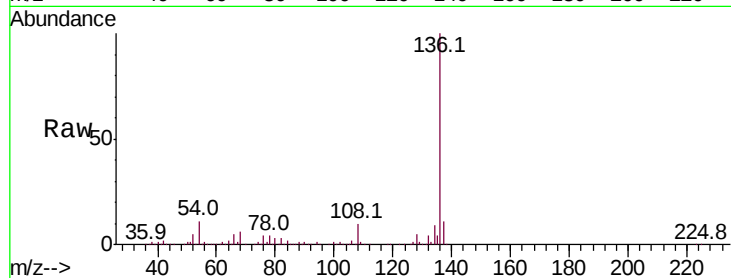




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

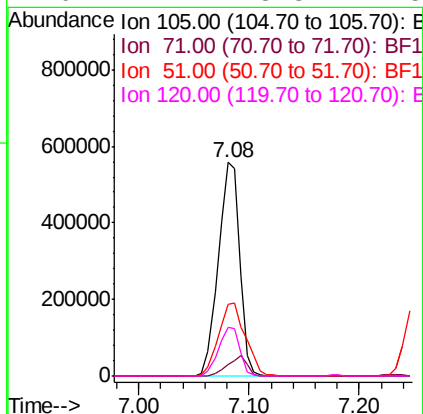
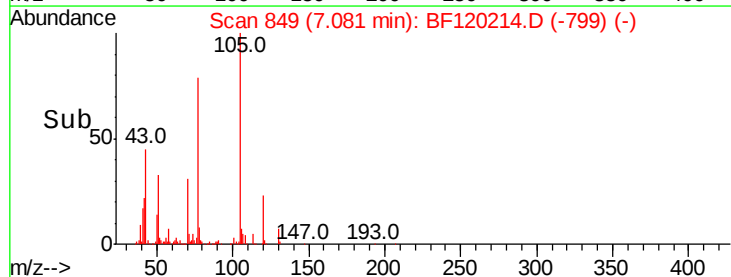
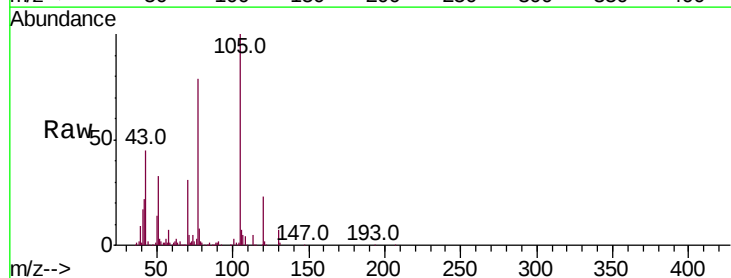
Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

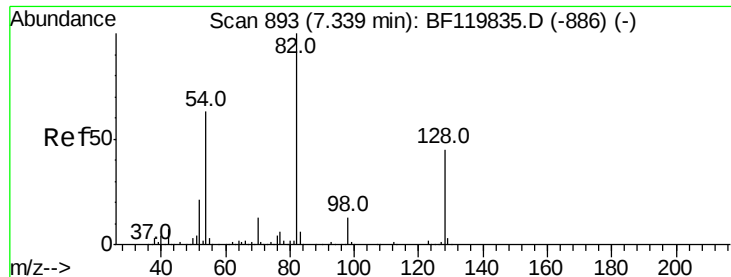
Tot Ion:136	Resp: 581997
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 10.8	9.1 13.7
68 5.7	4.6 6.8



#22
Acetophenone
Concen: 55.173 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt	Ion:105	Resp:	751931
Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.7	8.5#
51	33.4	26.2	39.4
120	22.7	18.3	27.5

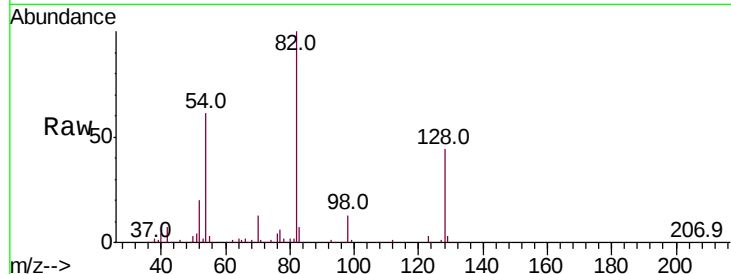




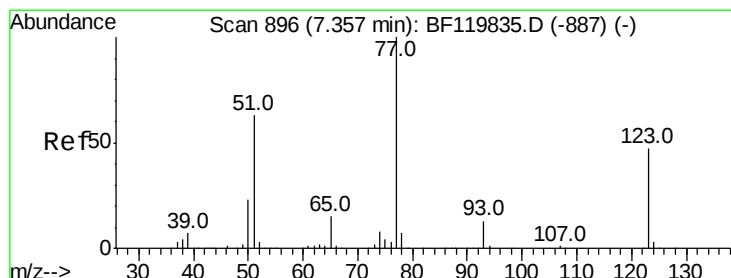
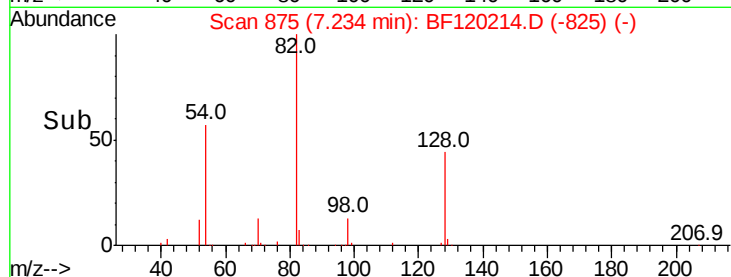
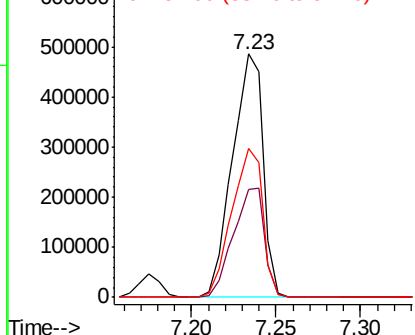
#23
 Nitrobenzene-d5
 Concen: 54.578 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion: 82 Resp: 613993
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.3 54.5
 54 61.0 50.6 75.8

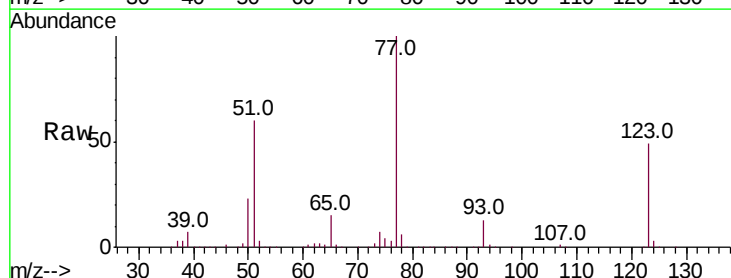


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

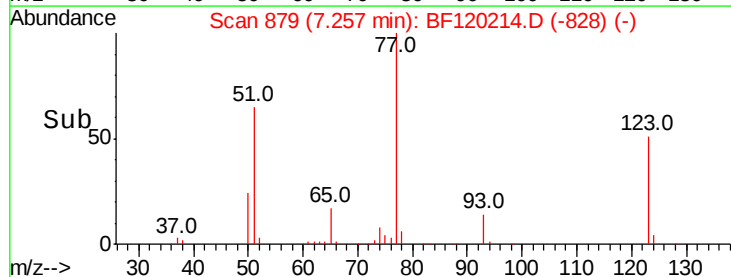
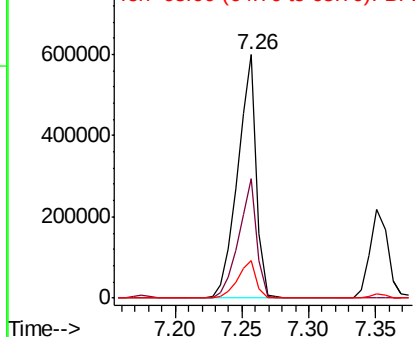


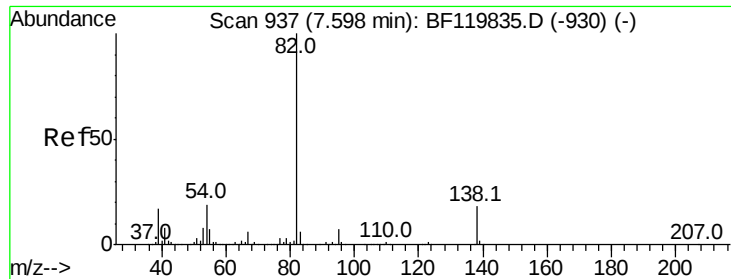
#24
 Nitrobenzene
 Concen: 51.596 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion: 77 Resp: 583906
 Ion Ratio Lower Upper
 77 100
 123 49.2 38.0 57.0
 65 15.3 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

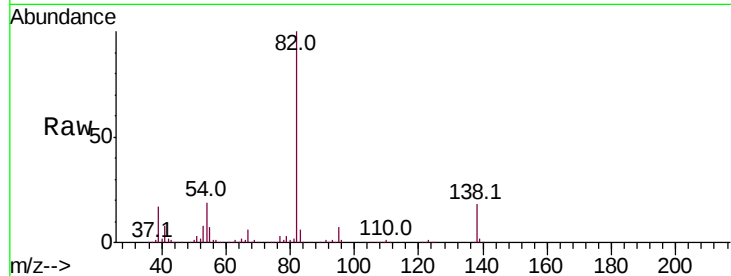




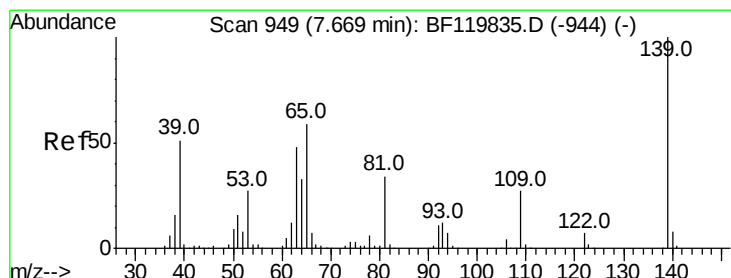
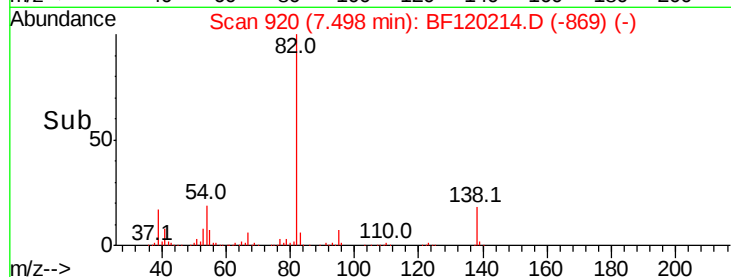
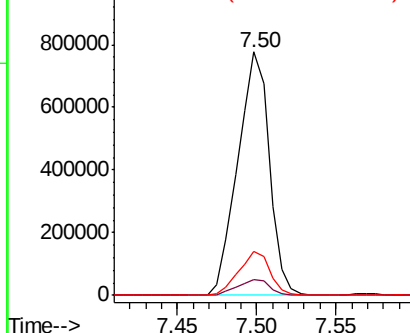
#25
Isophorone
Concen: 49.401 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion: 82 Resp: 1071324
Ion Ratio Lower Upper
82 100
95 6.6 5.8 8.6
138 18.1 14.6 21.8

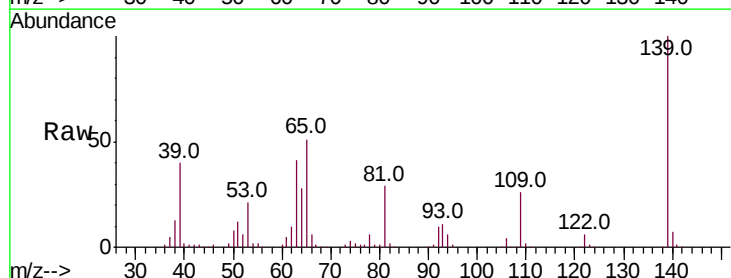


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

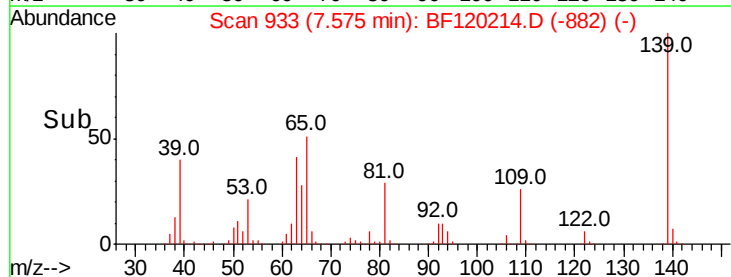
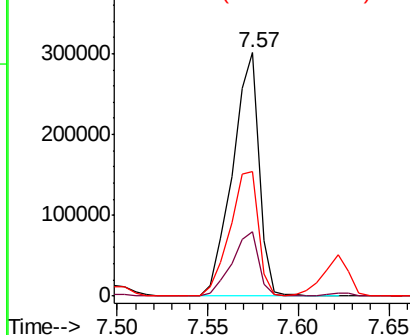


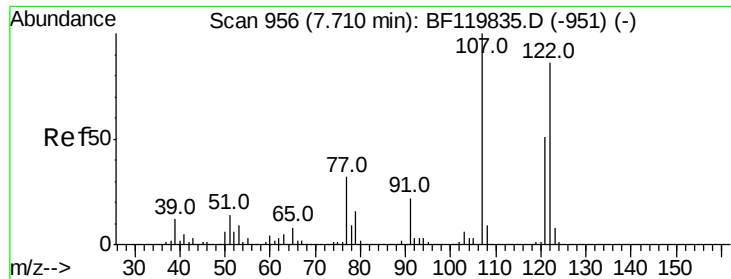
#26
2-Nitrophenol
Concen: 54.465 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:139 Resp: 307941
Ion Ratio Lower Upper
139 100
109 26.2 22.1 33.1
65 51.2 49.2 73.8



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

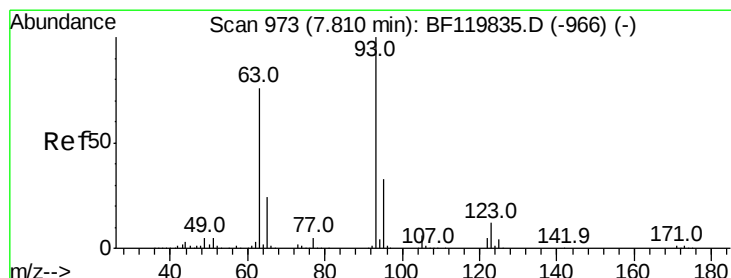
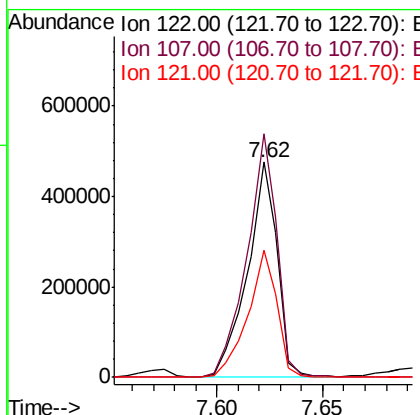
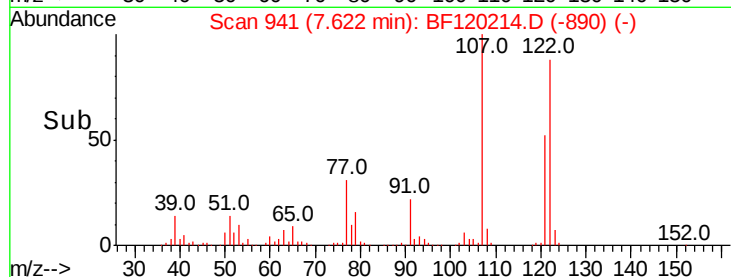
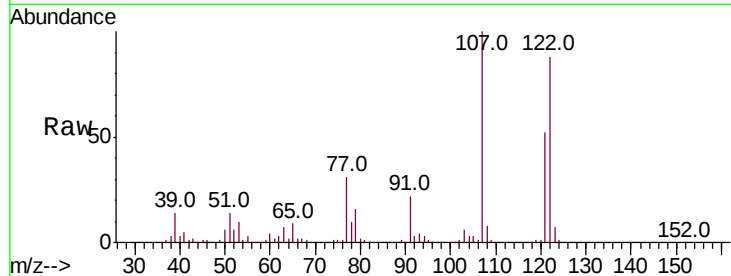




#27
2,4-Dimethylphenol
Concen: 54.662 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

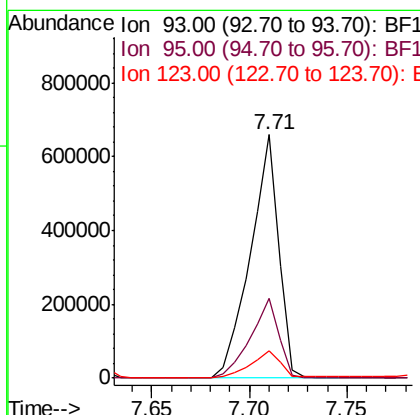
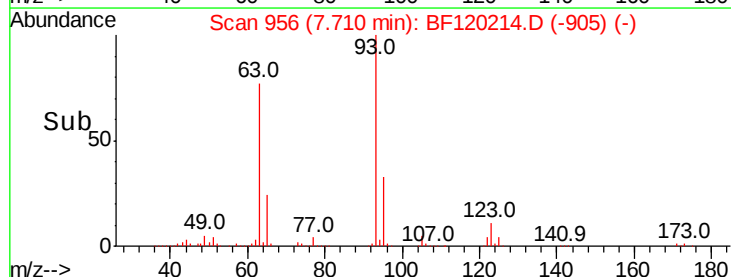
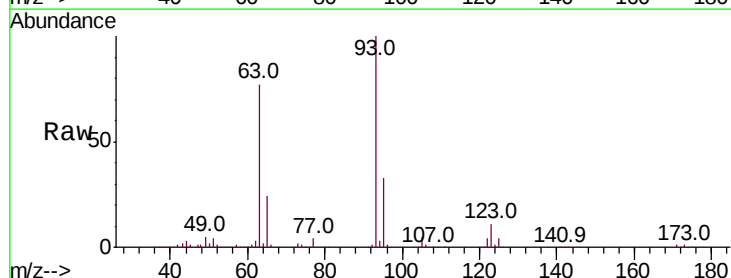
Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

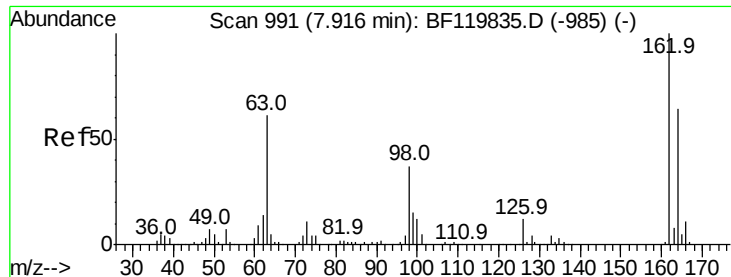
Tot Ion:122 Resp: 466117
Ion Ratio Lower Upper
122 100
107 113.2 89.0 133.6
121 59.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.967 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 93 Resp: 663162
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.1 9.7 14.5

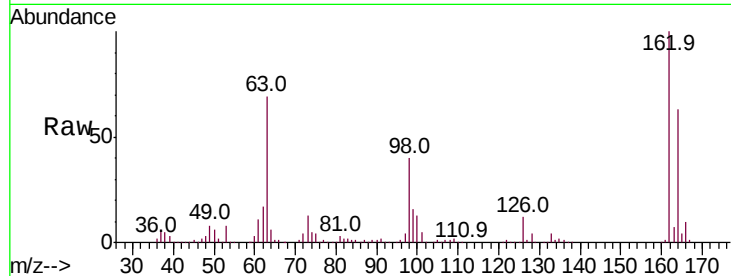




#29
 2,4-Dichlorophenol
 Concen: 52.417 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	39.7	20.7	60.7

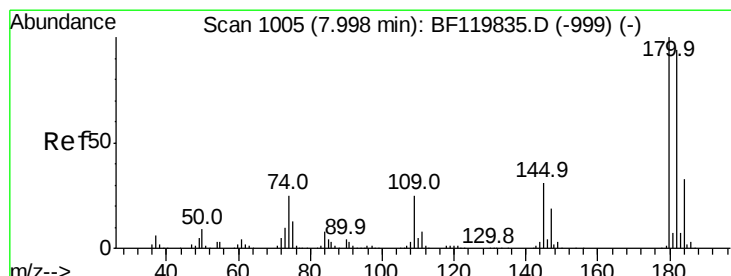
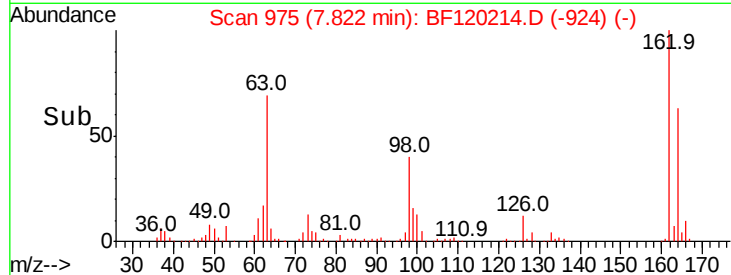
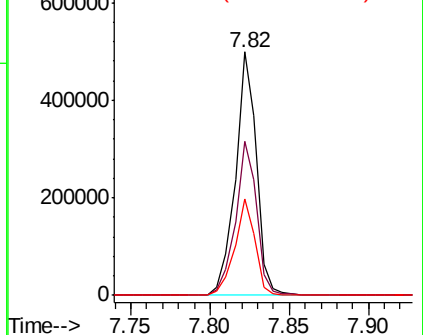


Abundance

Ion 162.00 (161.70 to 162.70): E

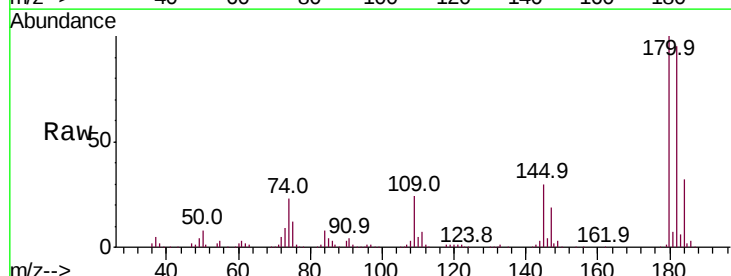
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.917 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.7	112.1
145	29.9	24.5	36.7

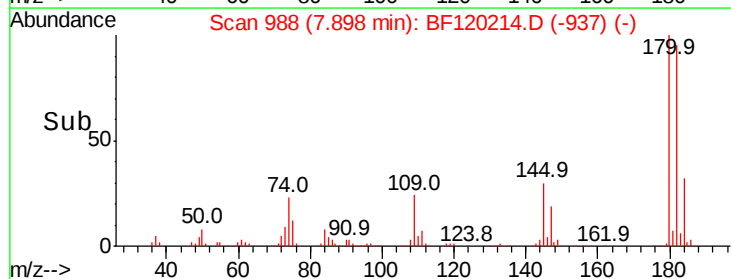
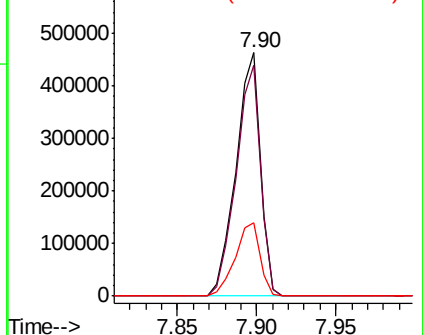


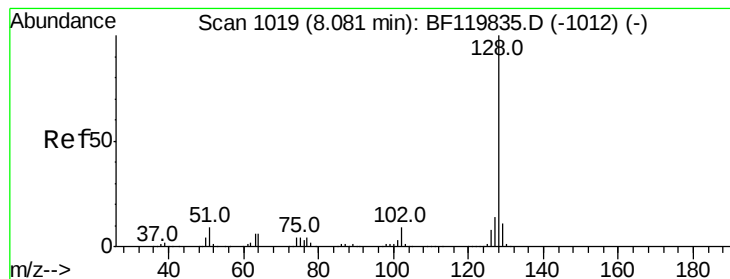
Abundance

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: 51.602 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

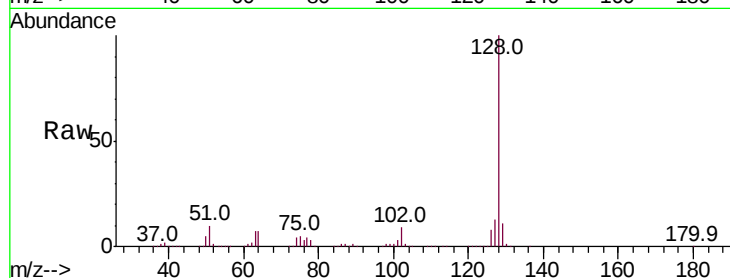
Tot Ion:128 Resp: 1580076

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

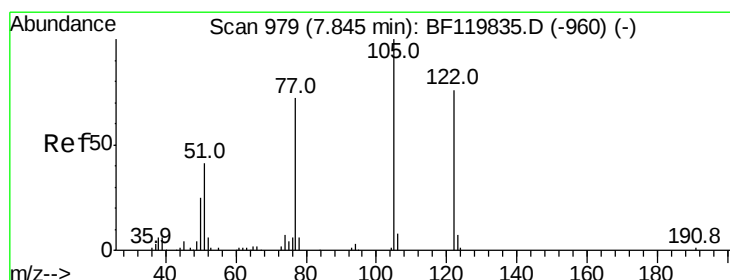
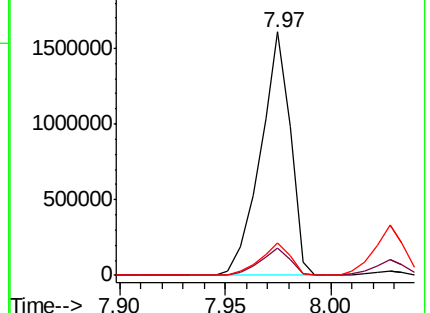
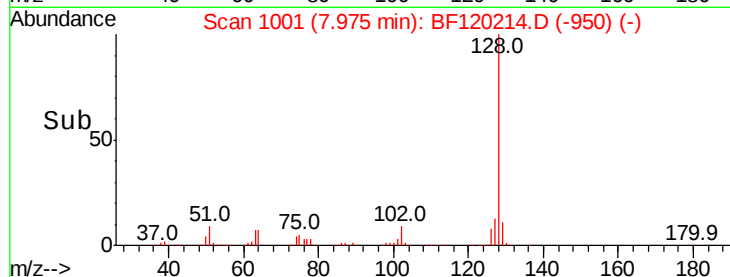
127 13.5 11.3 16.9



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: 46.518 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

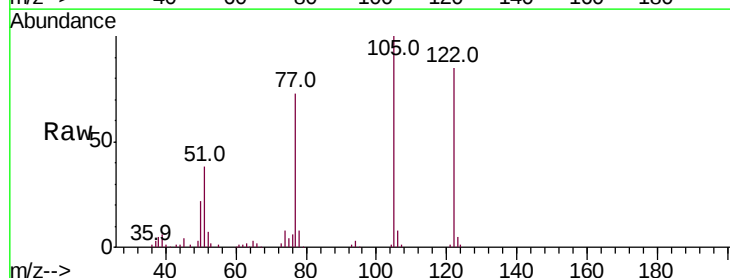
Tgt Ion:122 Resp: 348373

Ion Ratio Lower Upper

122 100

105 118.1 104.9 144.9

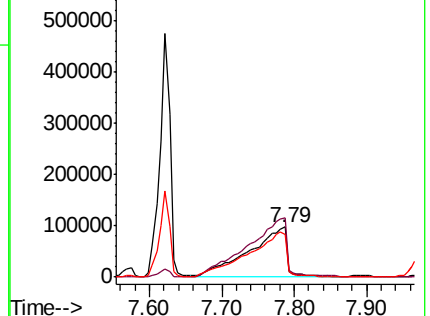
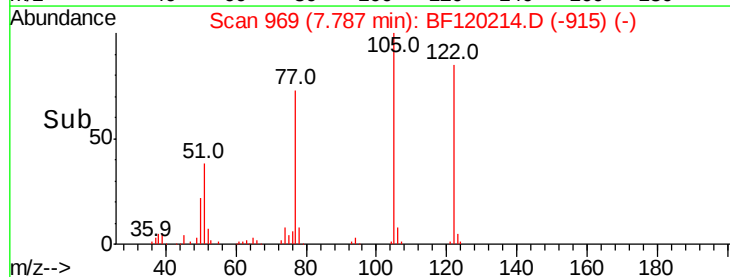
77 86.3 74.4 114.4

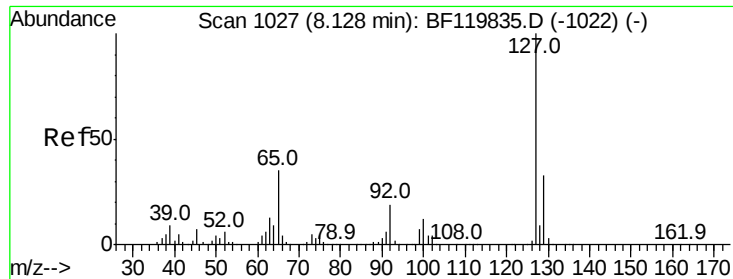


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

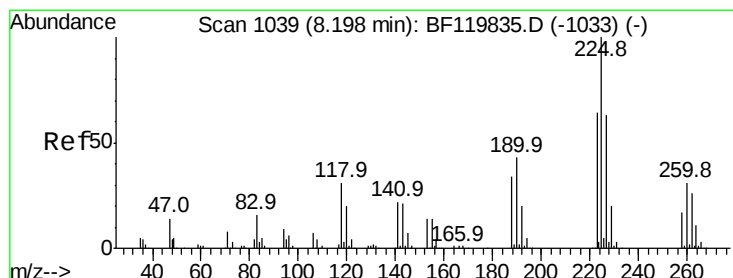
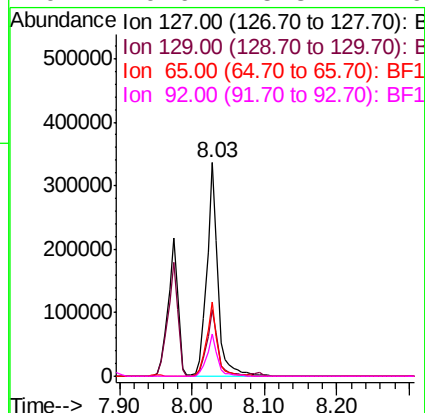
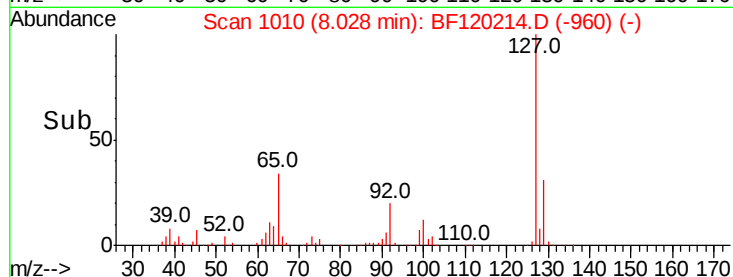
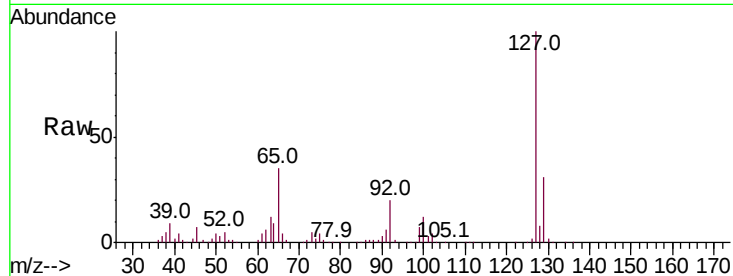




#33
4-Chloroaniline
Concen: 26.944 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

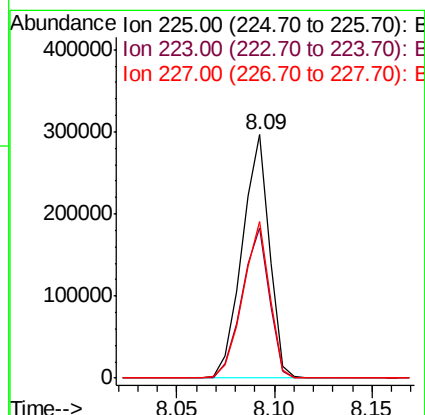
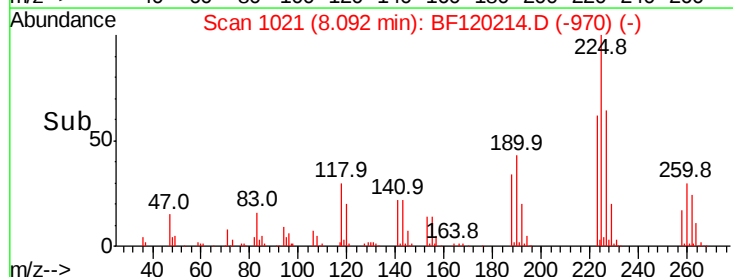
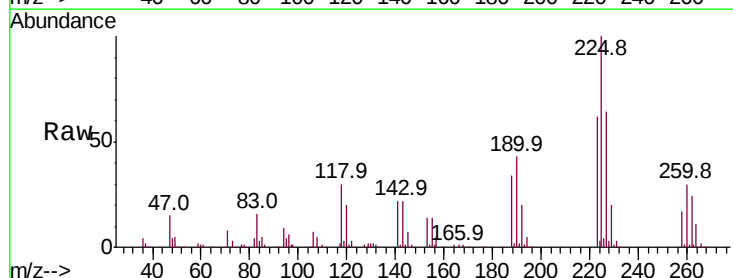
Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

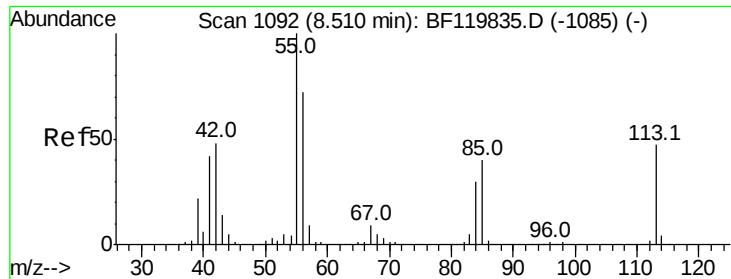
Tot Ion:	127	Resp:	359170
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	34.9	27.4	41.0
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 48.090 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:	225	Resp:	285101
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	64.3	50.7	76.1

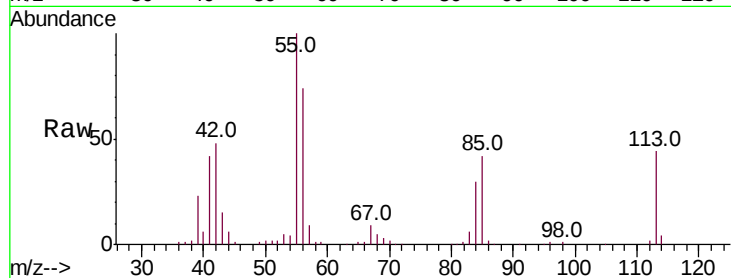




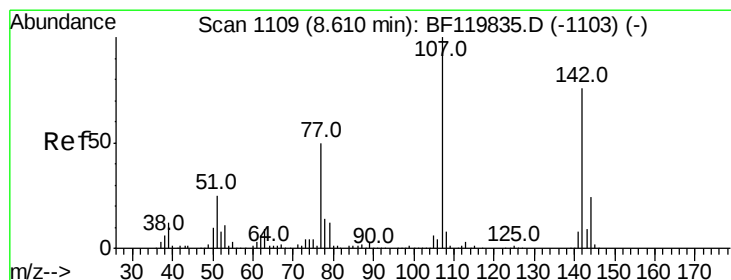
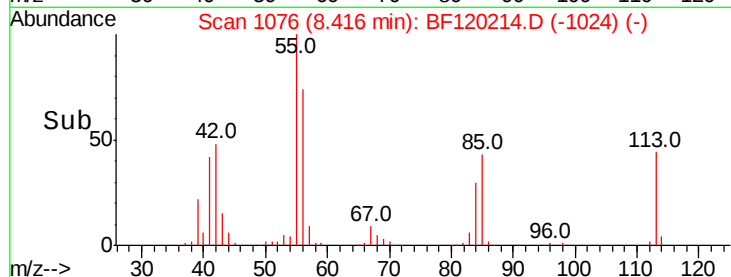
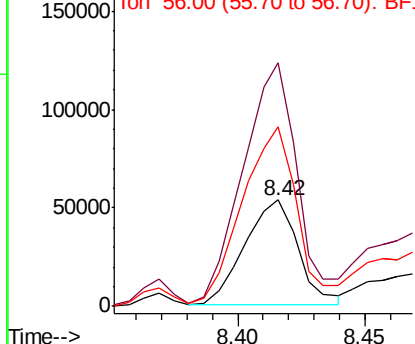
#35
Caprolactam
Concen: 29.231 ng
RT: 8.42 min Scan# 1076
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:113 Resp: 78154
Ion Ratio Lower Upper
113 100
55 228.5 218.4 258.4
56 168.2 148.9 188.9

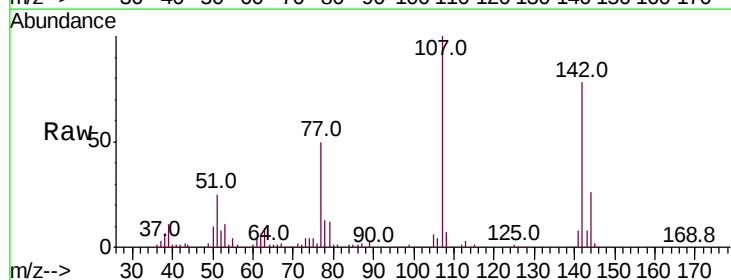


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

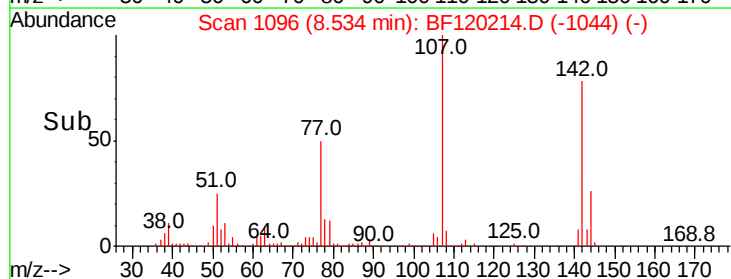
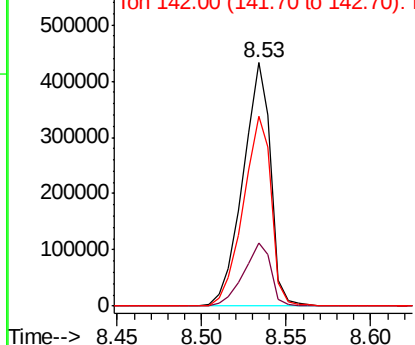


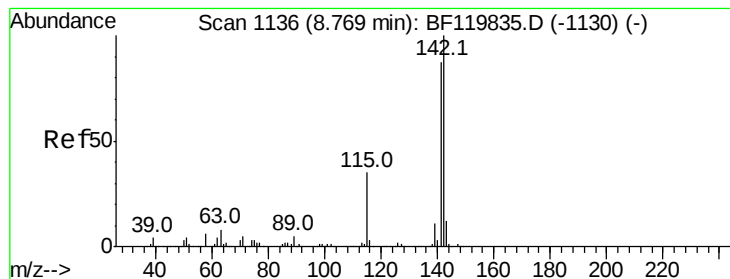
#36
4-Chloro-3-methylphenol
Concen: 52.397 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:107 Resp: 495841
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 78.1 64.4 96.6



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





#37

2-Methylnaphthalene

Concen: 51.398 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

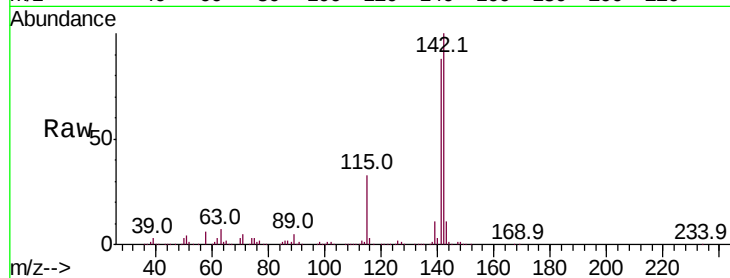
Tot Ion:142 Resp: 1067005

Ion Ratio Lower Upper

142 100

141 88.3 71.7 107.5

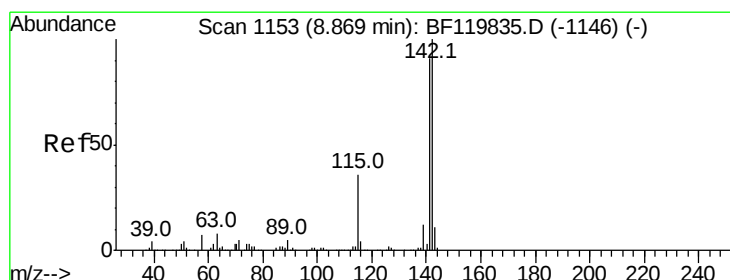
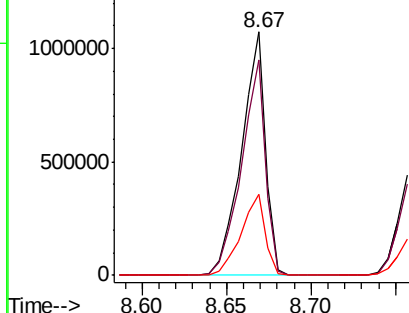
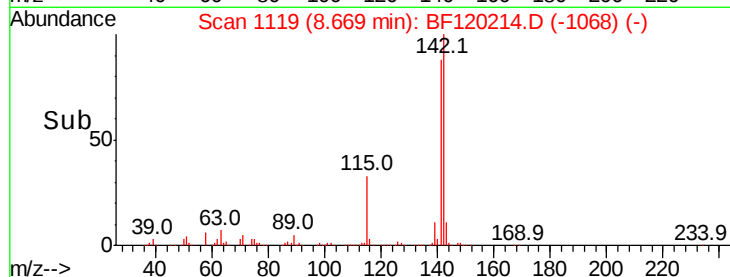
115 33.4 27.9 41.9



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: 51.229 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

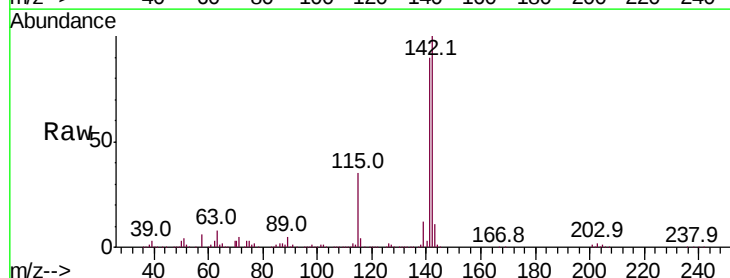
Tgt Ion:142 Resp: 1002395

Ion Ratio Lower Upper

142 100

141 90.4 73.7 110.5

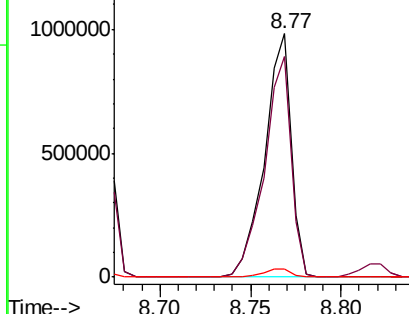
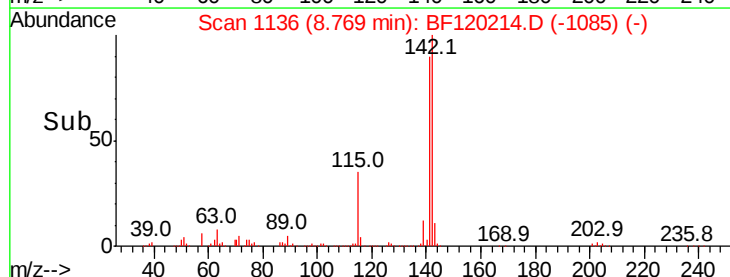
116 3.5 3.0 4.6

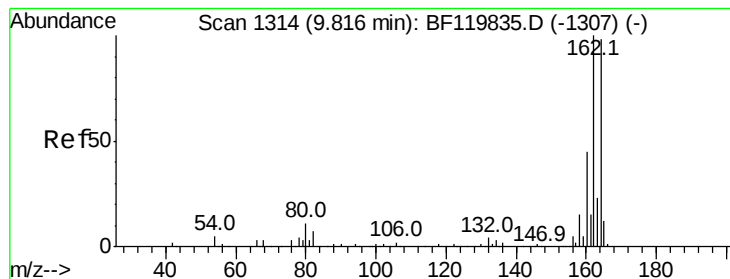


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

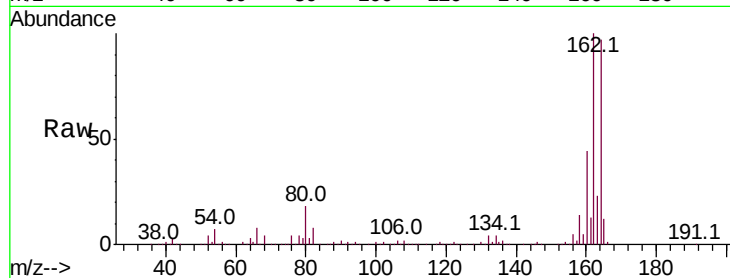
Tot Ion:164 Resp: 287718

Ion Ratio Lower Upper

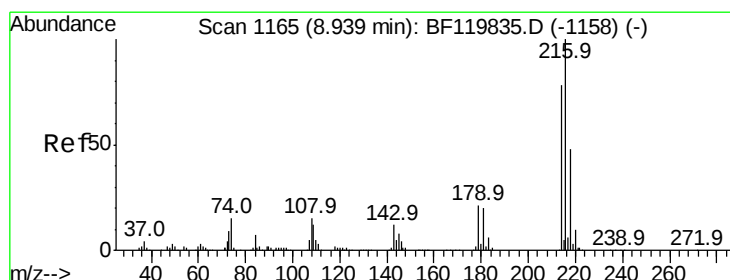
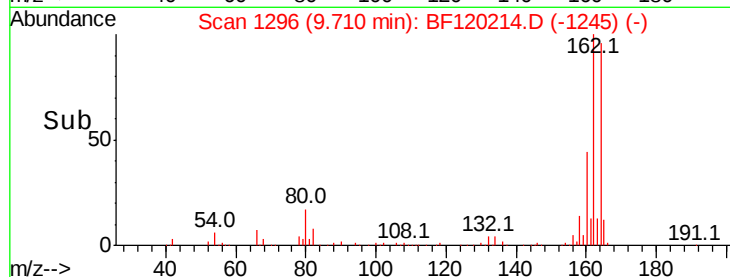
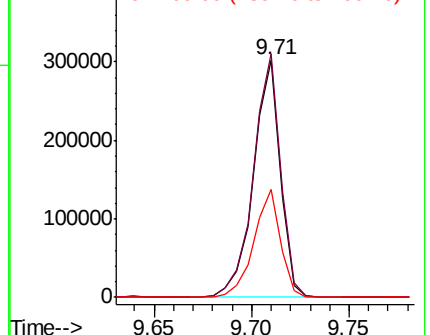
164 100

162 102.6 80.6 121.0

160 45.5 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: 51.350 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:216 Resp: 466636

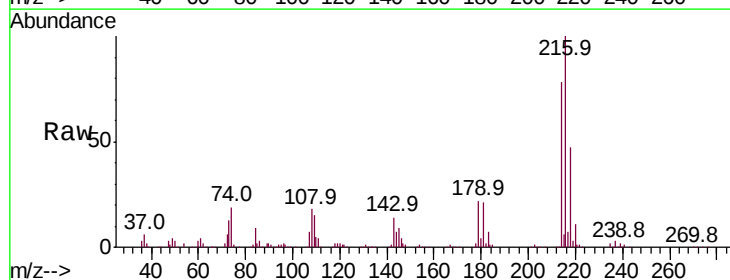
Ion Ratio Lower Upper

216 100

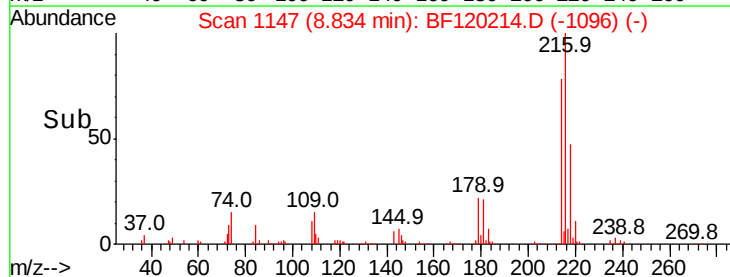
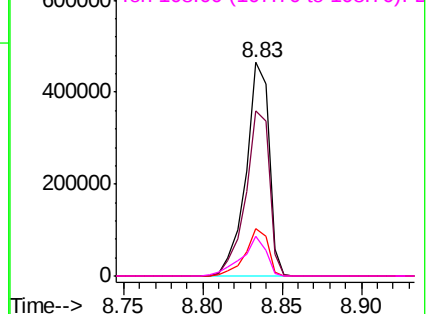
214 79.6 63.2 94.8

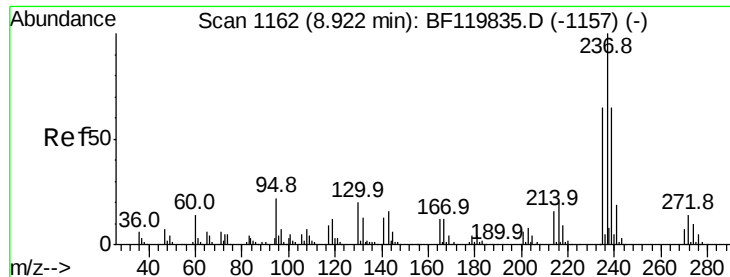
179 21.6 17.1 25.7

108 19.7 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: 89.794 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

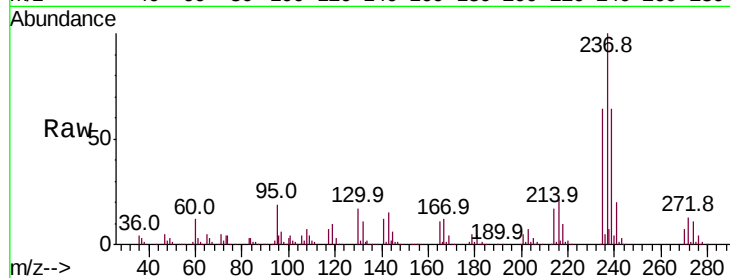
Tot Ion:237 Resp: 464003

Ion Ratio Lower Upper

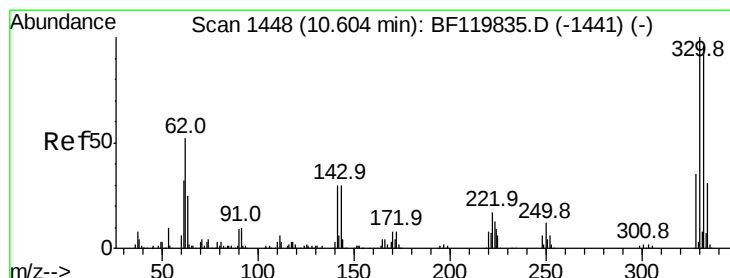
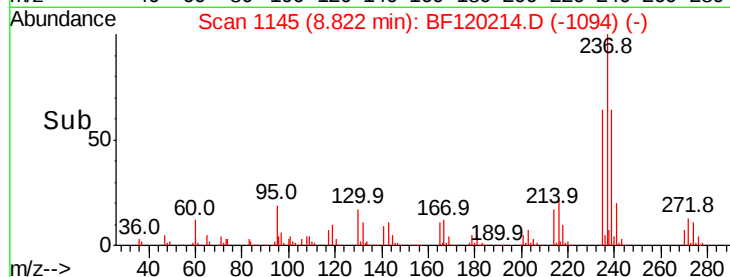
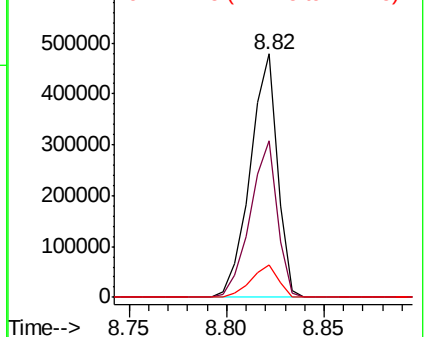
237 100

235 64.1 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: 76.076 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

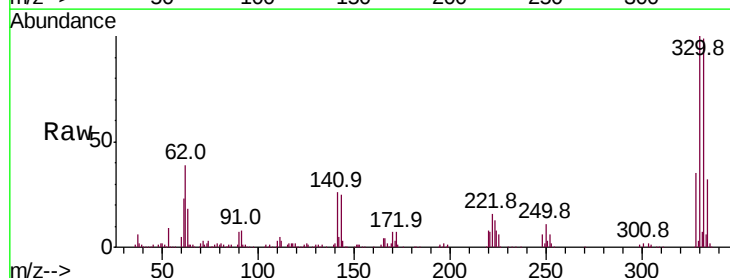
Tgt Ion:330 Resp: 267989

Ion Ratio Lower Upper

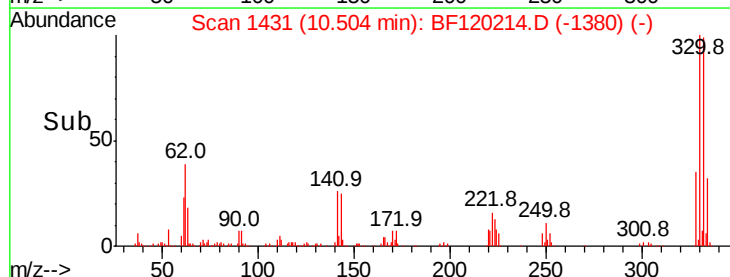
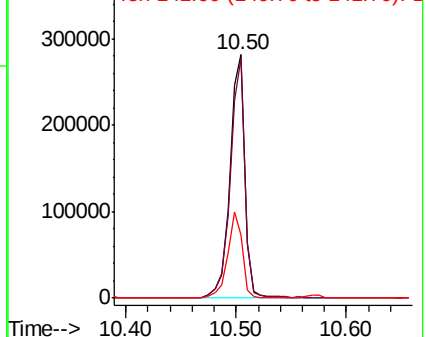
330 100

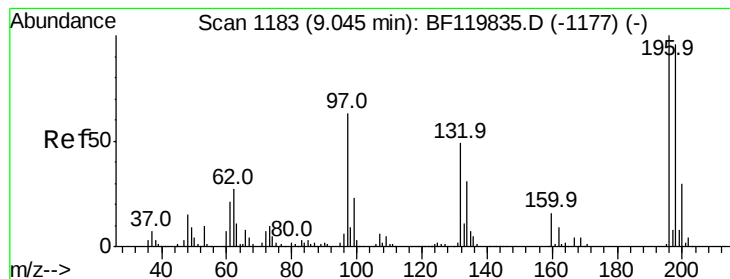
332 96.5 75.7 113.5

141 35.0 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: 52.277 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

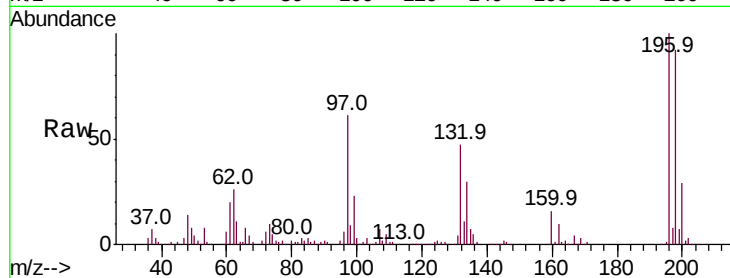
Tot Ion:196 Resp: 328051

Ion Ratio Lower Upper

196 100

198 92.3 76.6 115.0

200 29.5 24.6 36.8

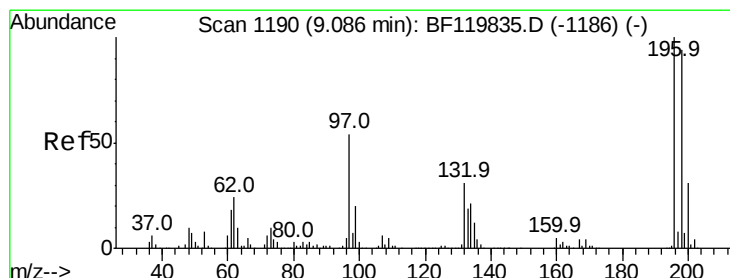
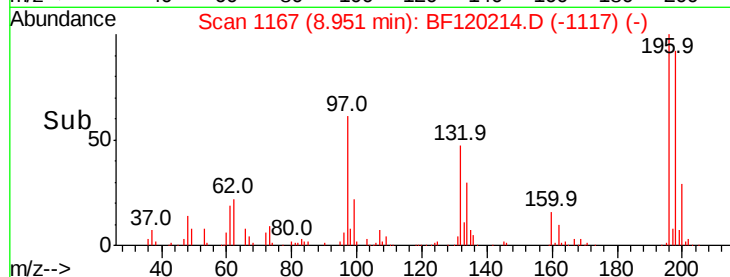
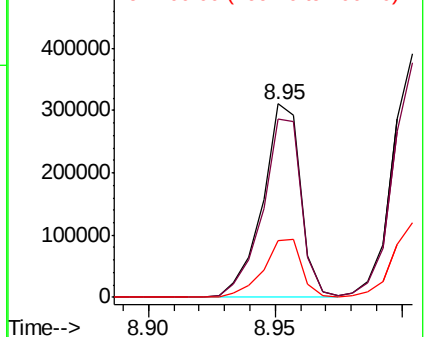


Abundance

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: 48.968 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:196 Resp: 346092

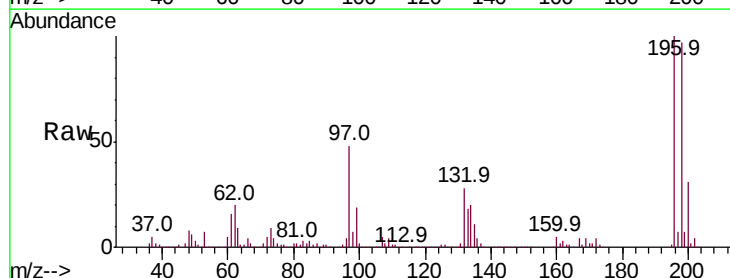
Ion Ratio Lower Upper

196 100

198 96.6 73.8 110.8

97 47.8 42.6 63.8

132 28.4 24.0 36.0



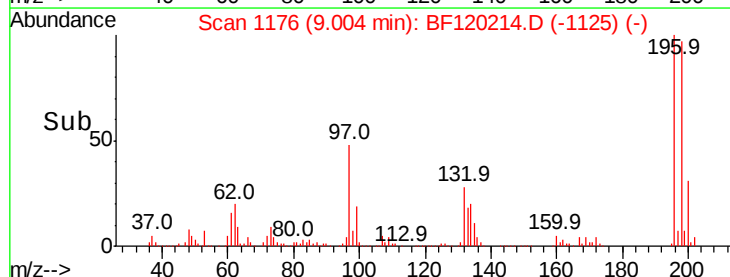
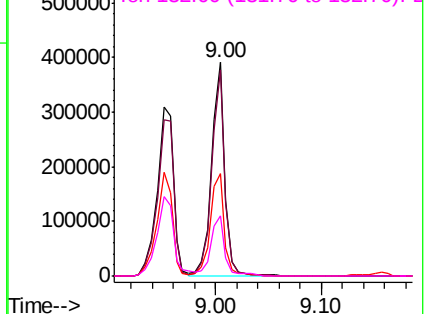
Abundance

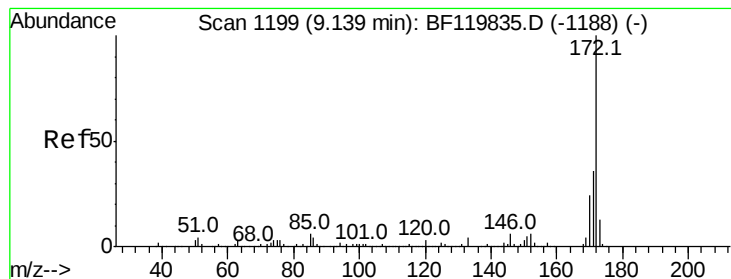
Ion 196.00 (195.70 to 196.70): E

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: 59.542 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

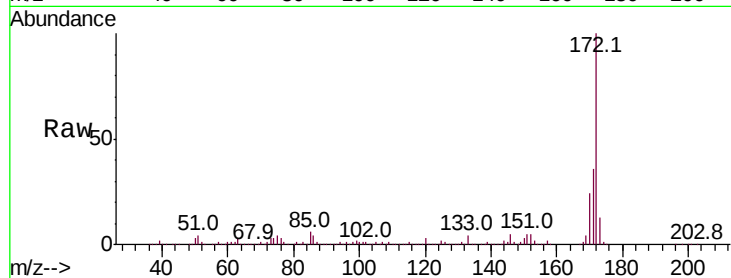
Tot Ion:172 Resp: 1206613

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

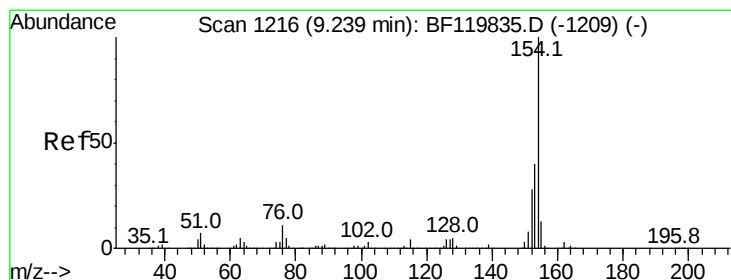
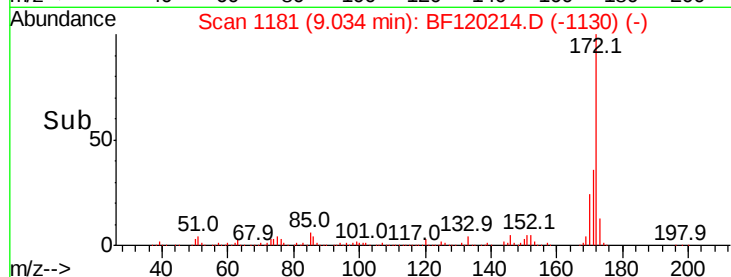
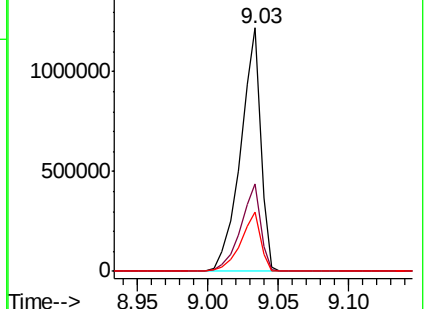
170 24.2 20.2 30.2



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: 52.285 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

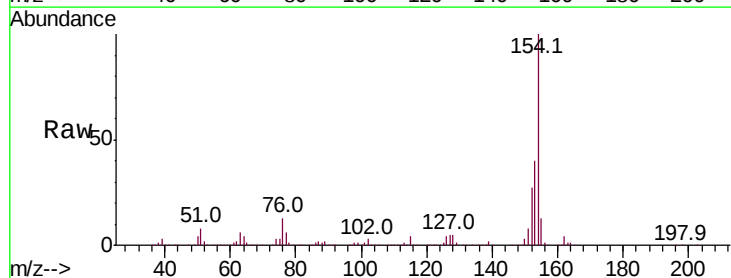
Tgt Ion:154 Resp: 1269736

Ion Ratio Lower Upper

154 100

153 39.9 21.4 61.4

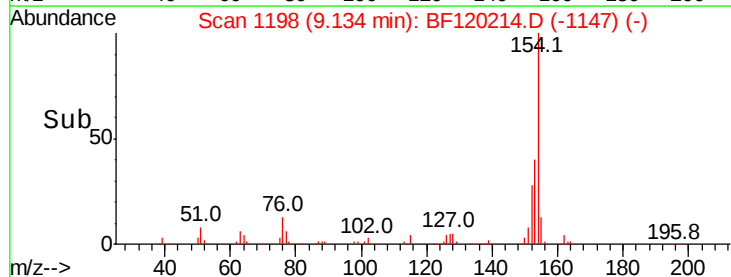
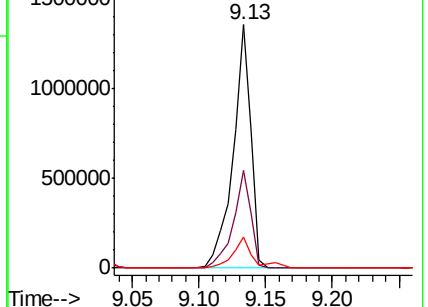
76 12.9 0.0 33.0

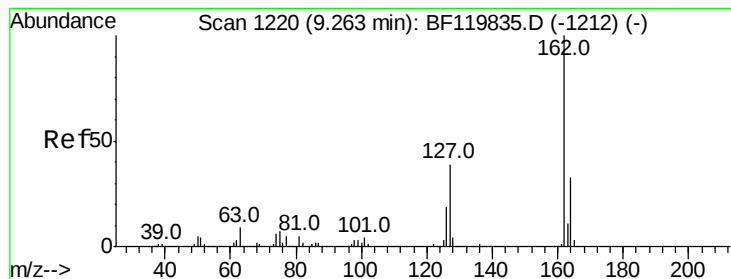


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 51.664 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

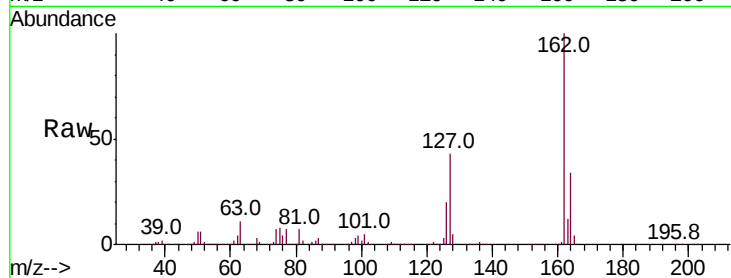
Tot Ion:162 Resp: 966524

Ion Ratio Lower Upper

162 100

127 42.5 33.7 50.5

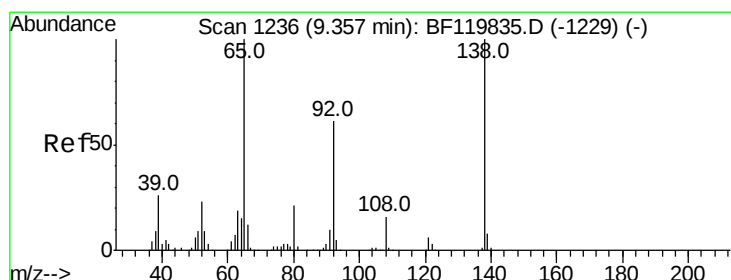
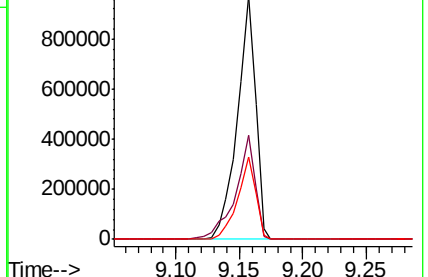
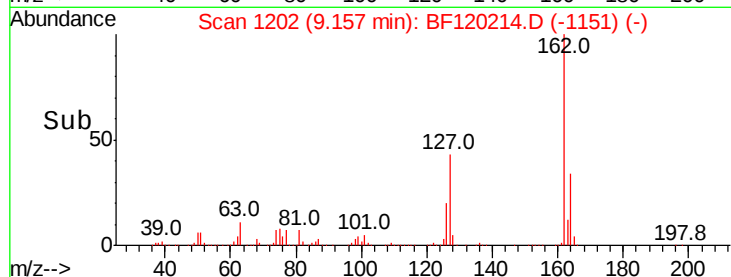
164 34.0 26.3 39.5



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: 51.873 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

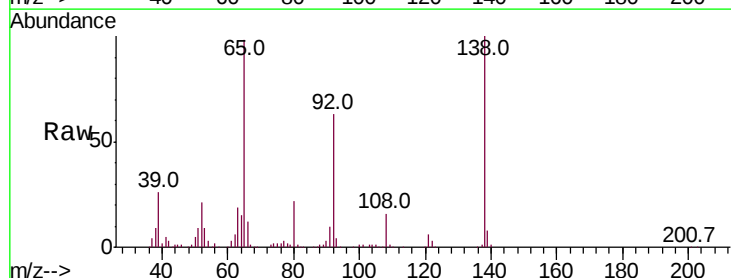
Tgt Ion: 65 Resp: 351673

Ion Ratio Lower Upper

65 100

92 64.6 50.0 75.0

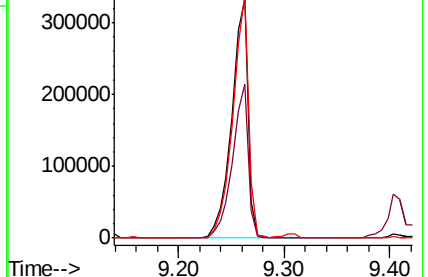
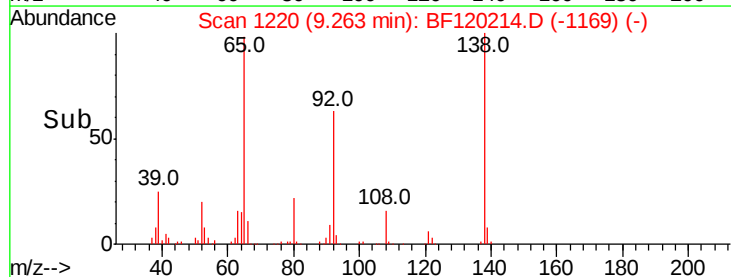
138 101.9 75.0 112.4

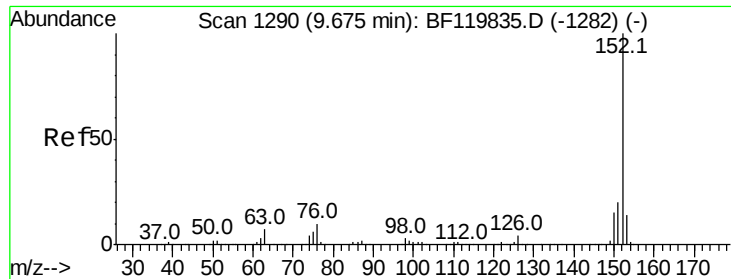


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.413 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

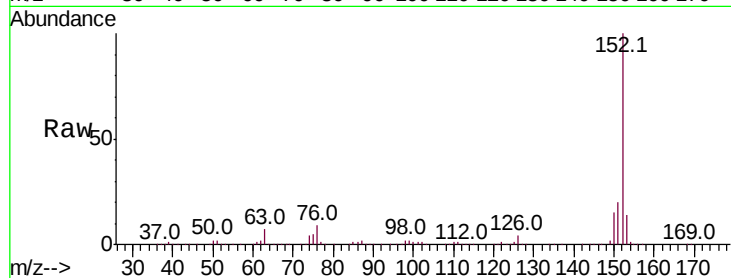
Tot Ion:152 Resp: 1519659

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

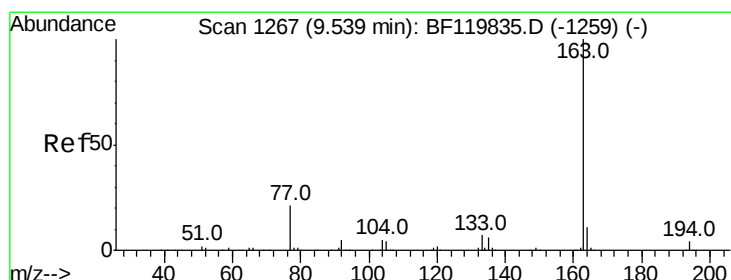
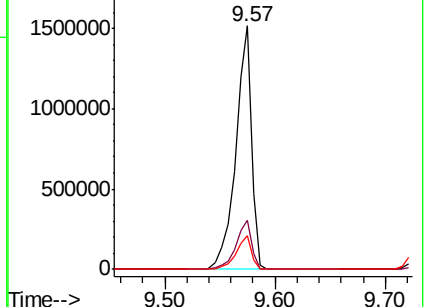
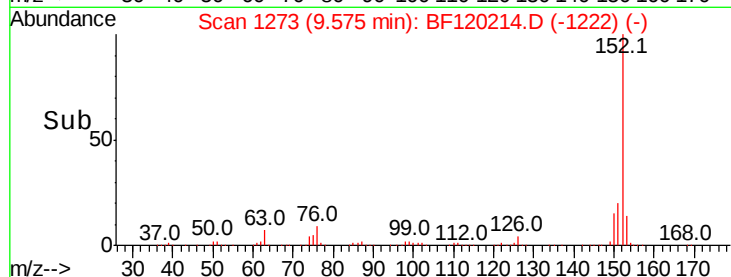
153 13.6 11.2 16.8



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: 59.086 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

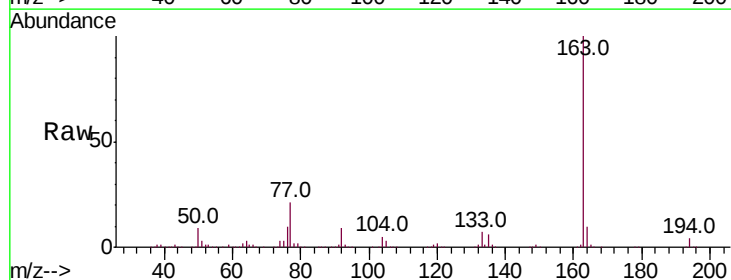
Tgt Ion:163 Resp: 1314938

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

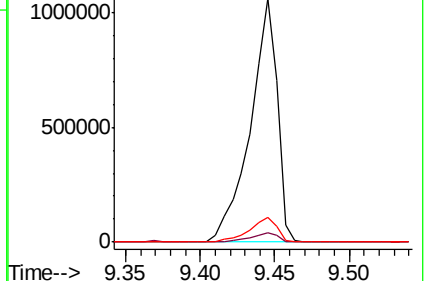
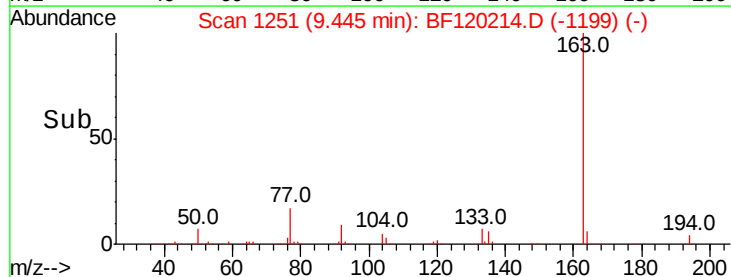
164 10.3 8.2 12.2

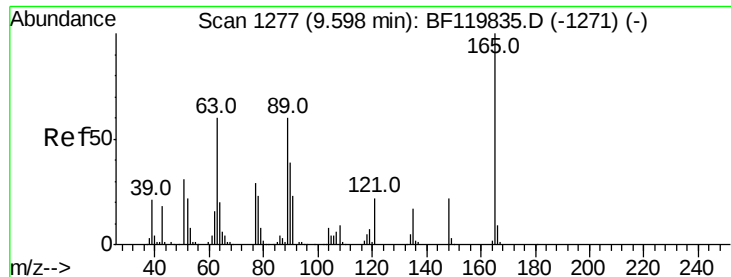


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

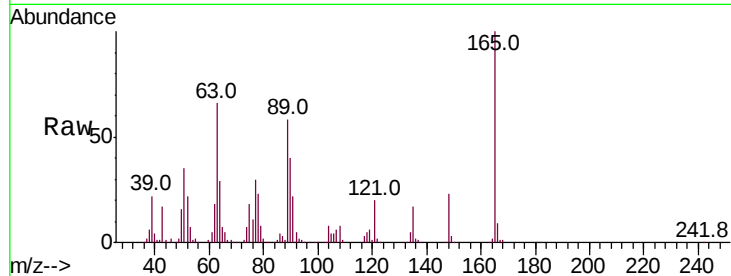




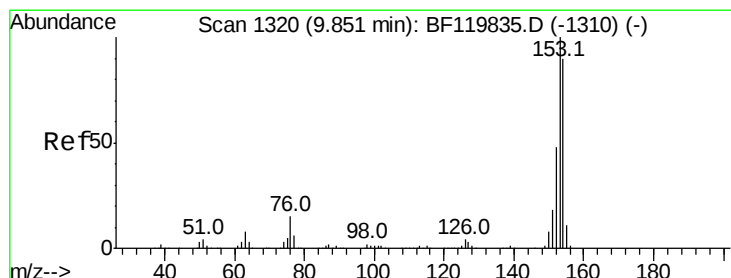
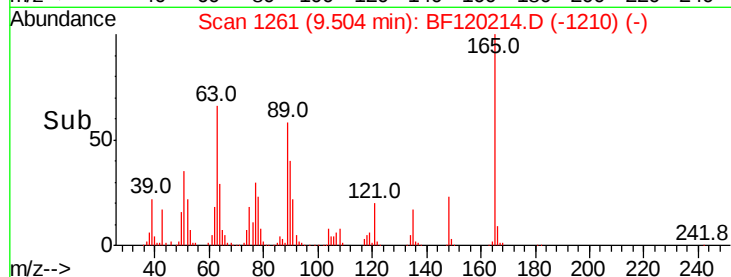
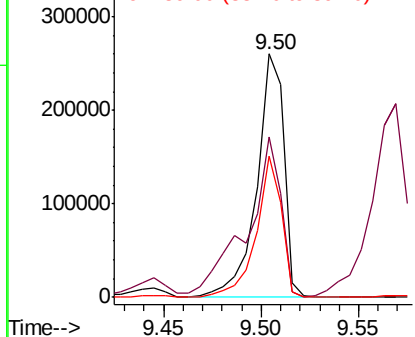
#51
2,6-Dinitrotoluene
Concen: 51.373 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:165 Resp: 250362
Ion Ratio Lower Upper
165 100
63 65.8 45.0 67.4
89 57.8 41.5 62.3

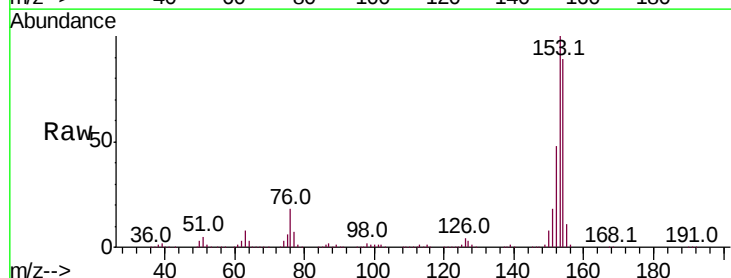


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

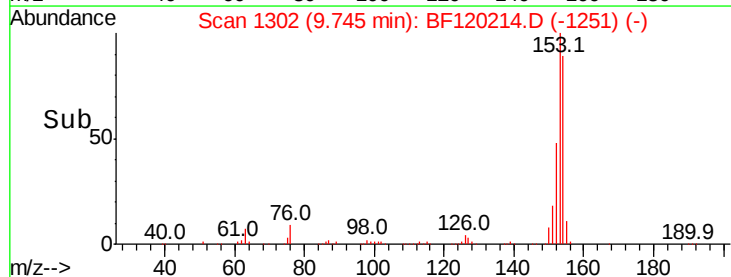
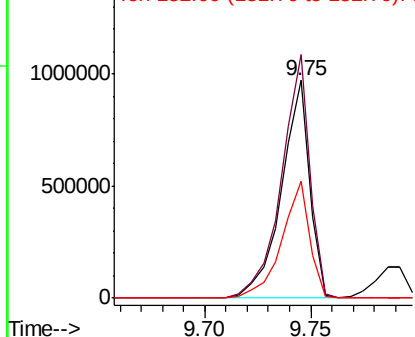


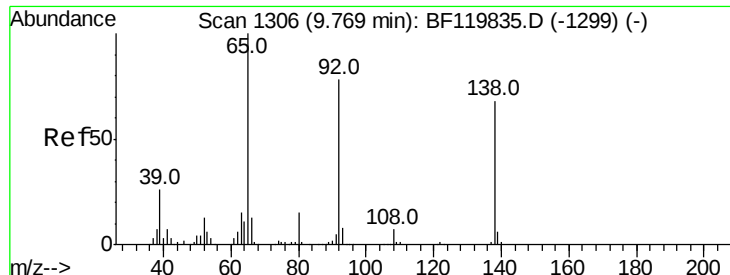
#52
Acenaphthene
Concen: 47.868 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:154 Resp: 908486
Ion Ratio Lower Upper
154 100
153 112.0 88.1 132.1
152 53.5 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

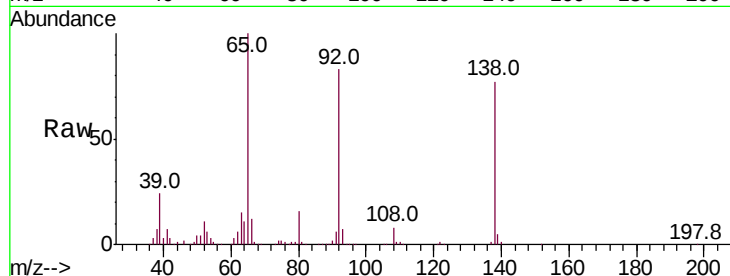




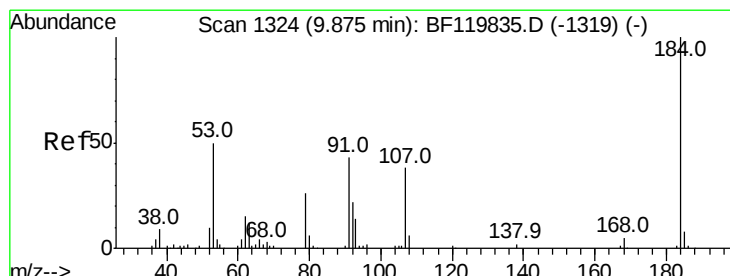
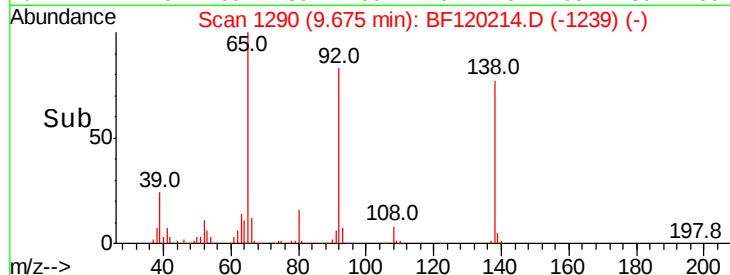
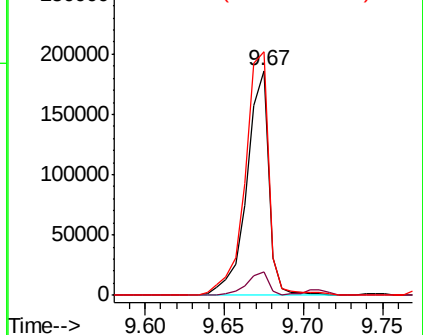
#53
3-Nitroaniline
Concen: 32.326 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:138 Resp: 179922
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 108.4 95.4 143.0

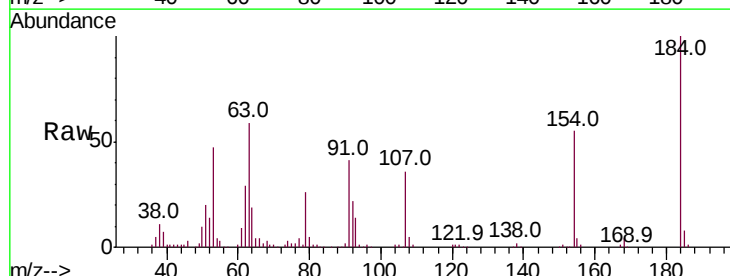


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

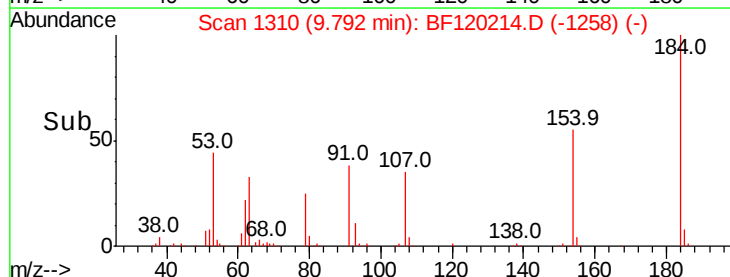
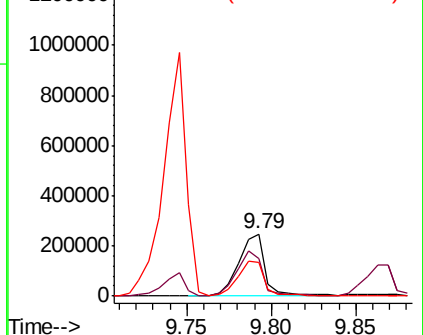


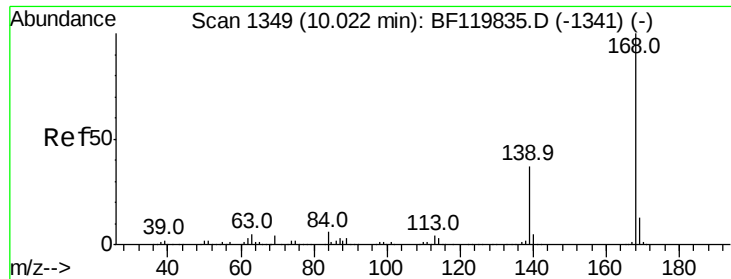
#54
2,4-Dinitrophenol
Concen: 92.745 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:184 Resp: 270603
Ion Ratio Lower Upper
184 100
63 59.5 50.2 75.4
154 54.9 44.5 66.7



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

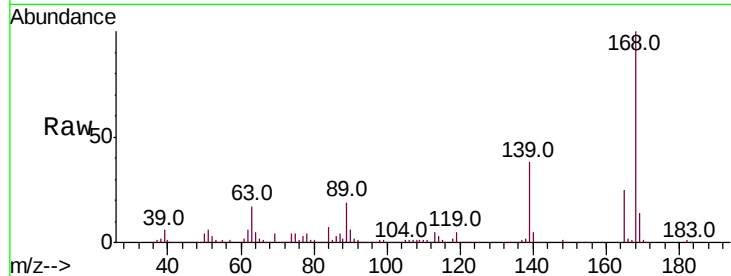




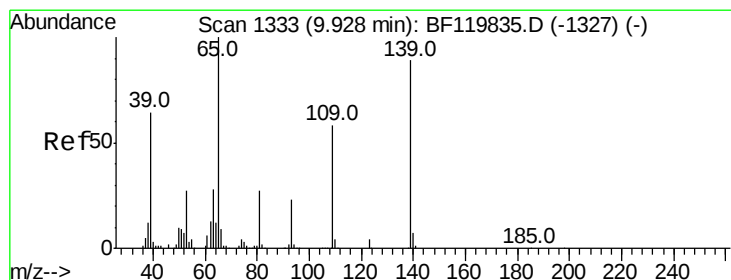
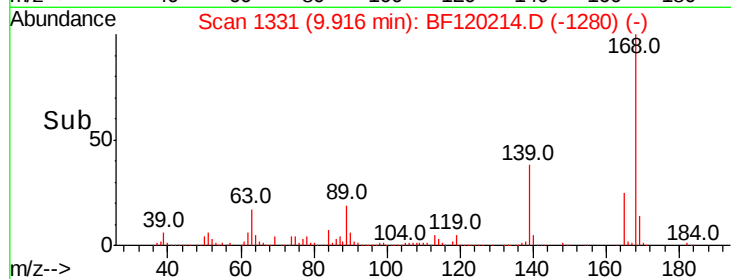
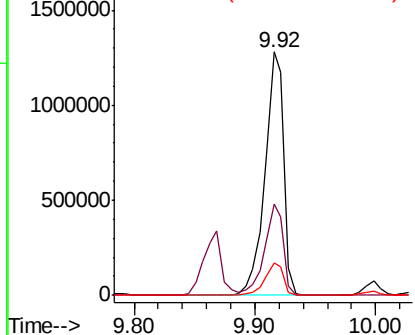
#55
Dibenzofuran
Concen: 52.703 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:168 Resp: 1372580
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.5 11.0 16.6

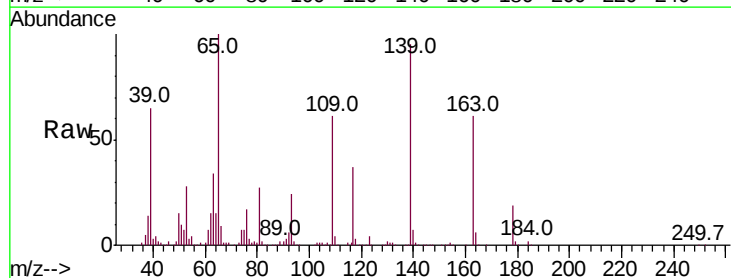


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

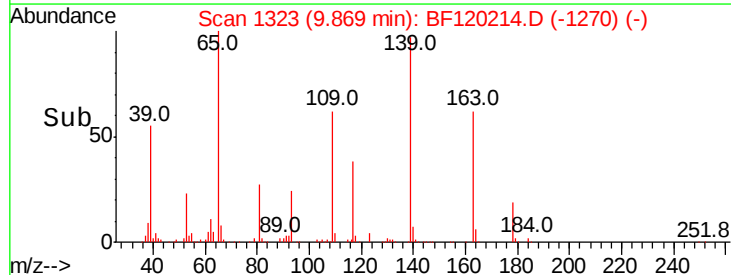
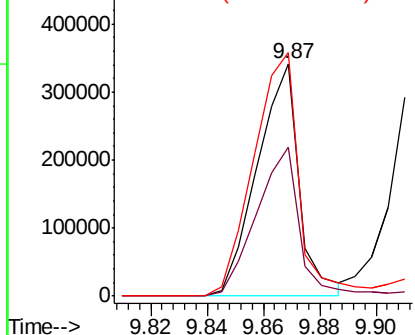


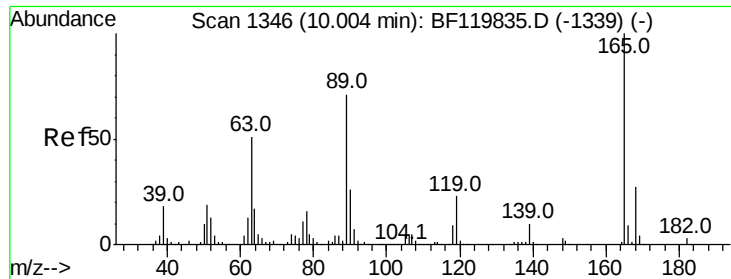
#56
4-Nitrophenol
Concen: 84.950 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:139 Resp: 351801
Ion Ratio Lower Upper
139 100
109 64.2 43.3 83.3
65 104.9 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

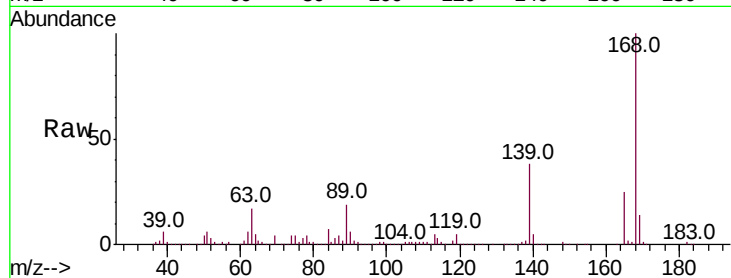




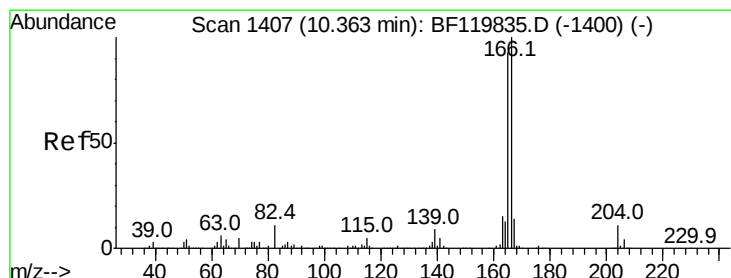
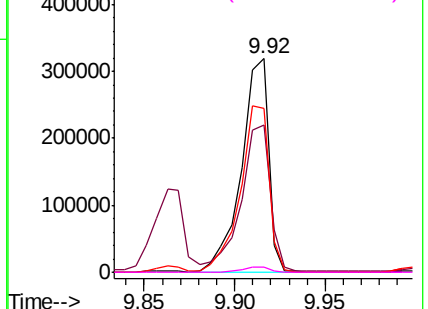
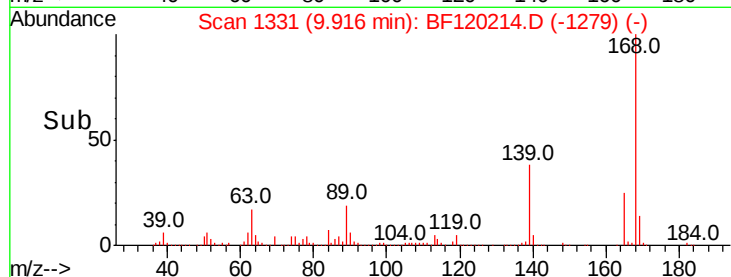
#57
 2,4-Dinitrotoluene
 Concen: 51.962 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.1	42.6	64.0#
89	76.7	61.0	91.4
182	2.5	2.2	3.2

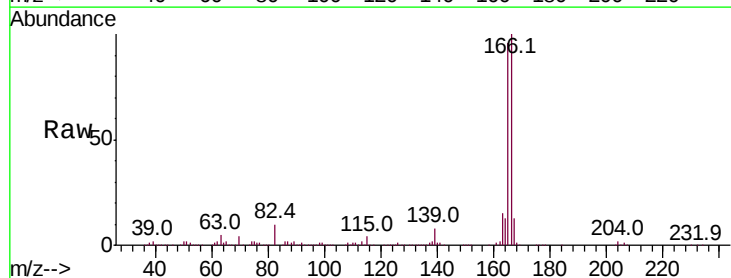


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

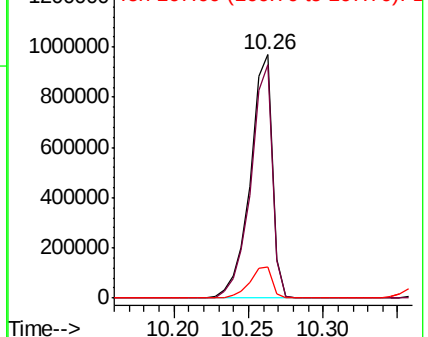
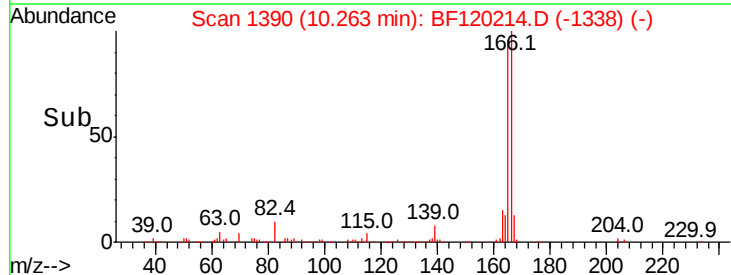


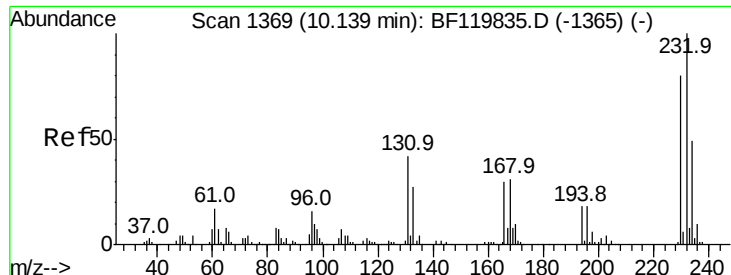
#58
 Fluorene
 Concen: 47.287 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	75.4	113.2
167	13.1	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

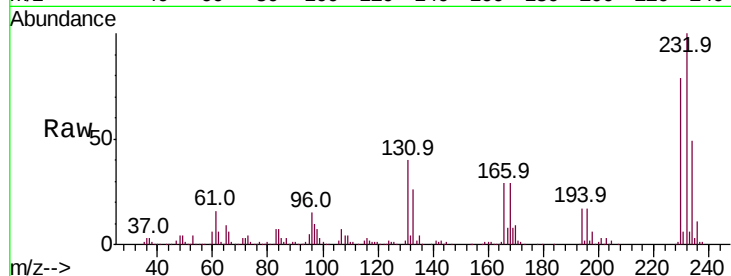




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.272 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.5	56.3
130	2.0	1.8	2.6
166	31.1	24.6	36.8



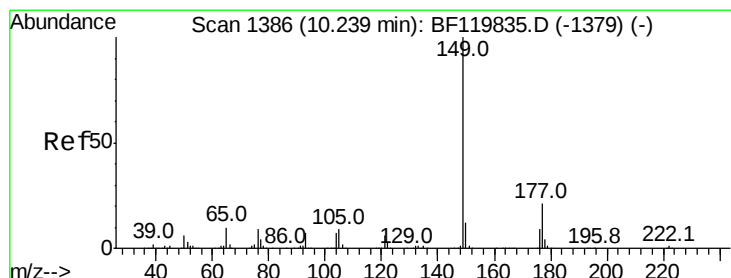
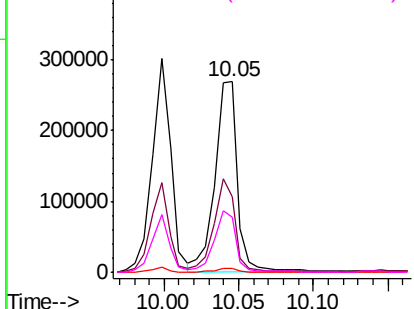
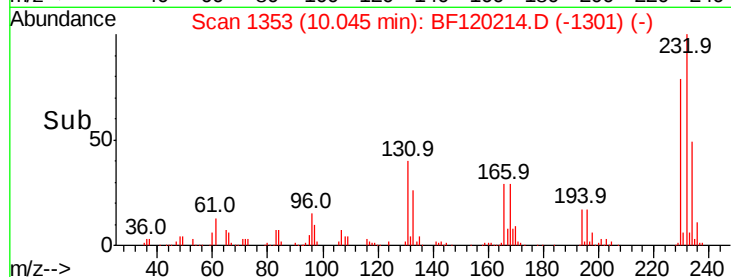
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

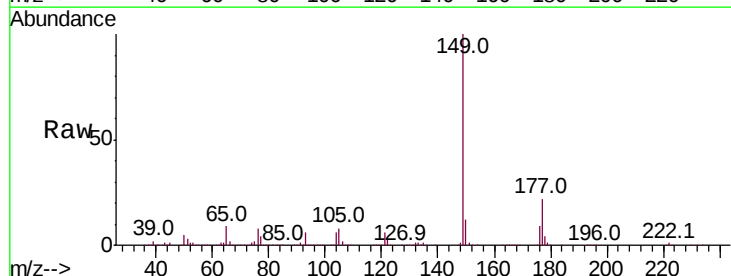
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.003 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.6
150	12.3	10.1	15.1

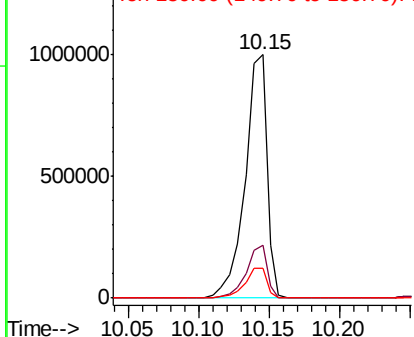
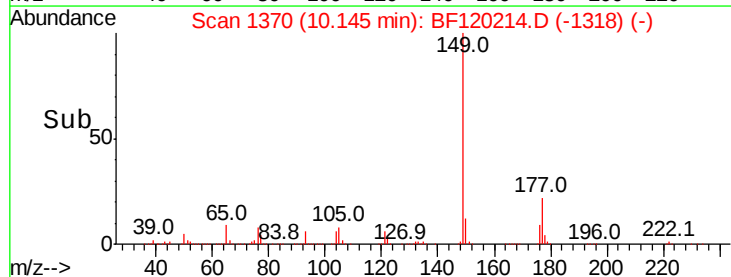


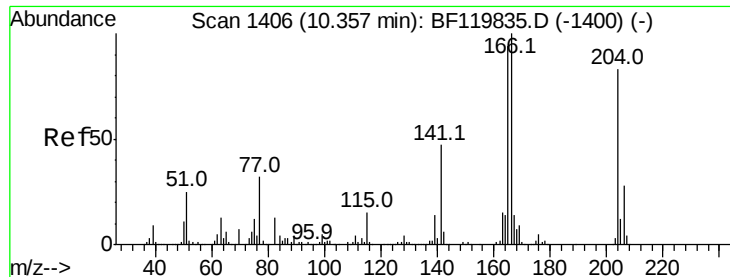
Abundance

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

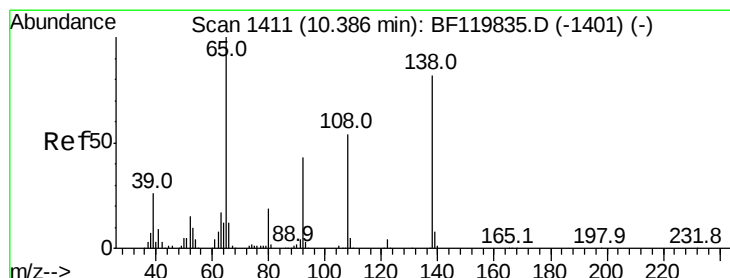
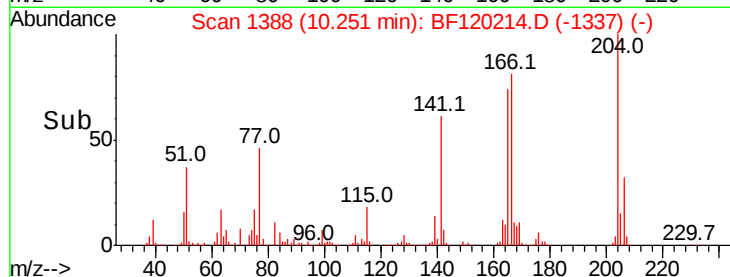
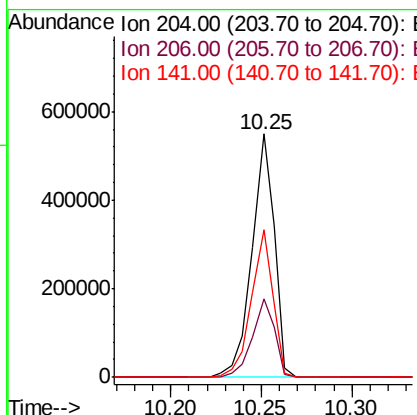
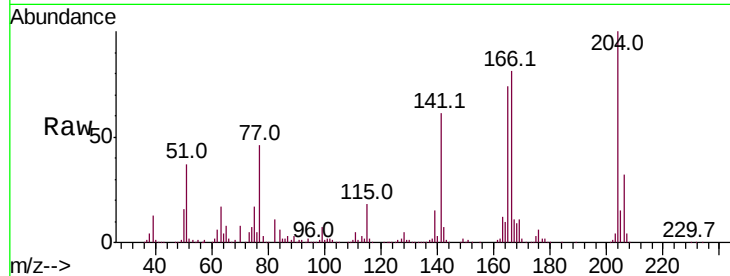




#61
 4-Chlorophenyl-phenylether
 Concen: 44.258 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

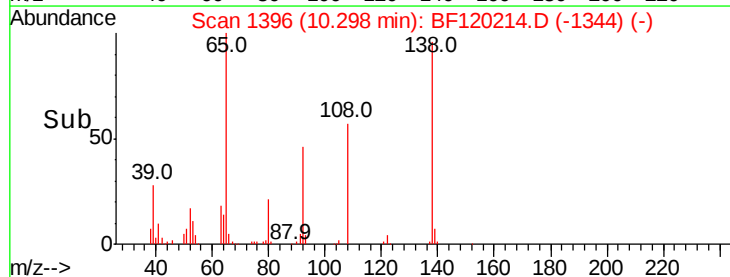
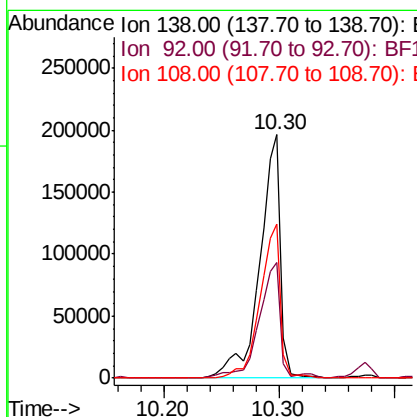
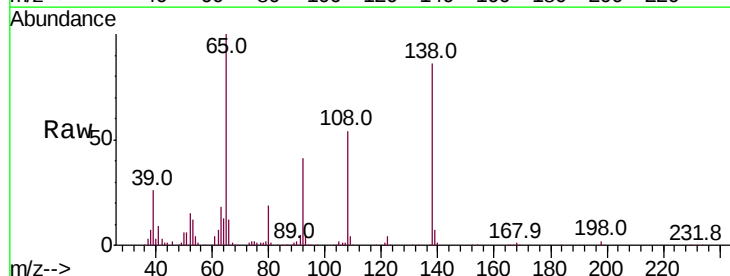
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

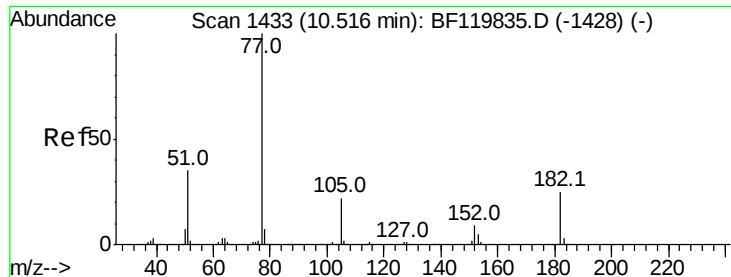
Tot Ion:	204	Resp:	472463
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	60.8	47.3	70.9



#62
 4-Nitroaniline
 Concen: 46.506 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:	138	Resp:	246683
Ion	Ratio	Lower	Upper
138	100		
92	47.7	31.5	71.5
108	63.4	45.8	85.8





#63

Azobenzene

Concen: 54.828 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion: 77 Resp: 1133334

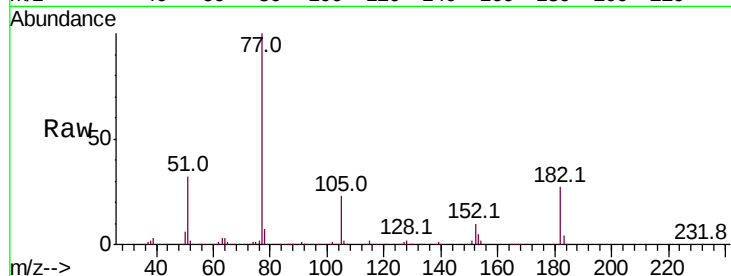
Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.4	44.4
105	23.1	2.6	42.6
51	31.6	15.1	55.1

77 100

182 27.4 4.4 44.4

105 23.1 2.6 42.6

51 31.6 15.1 55.1

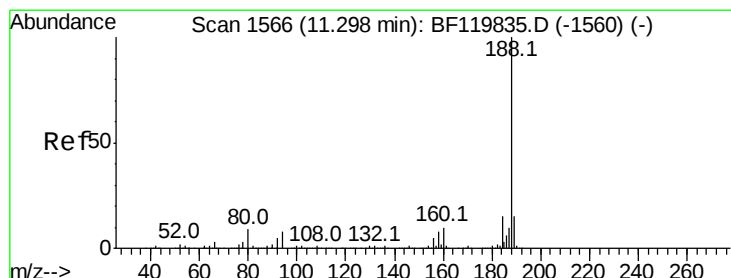
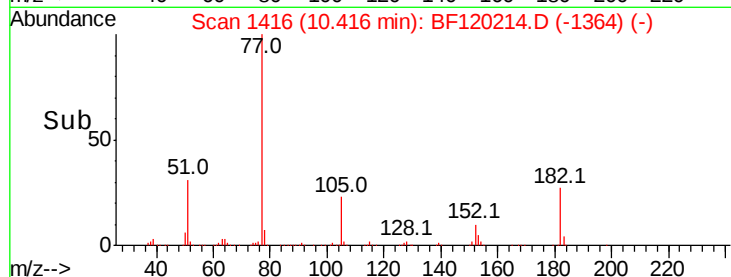
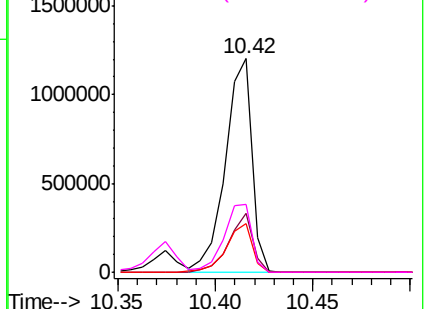


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

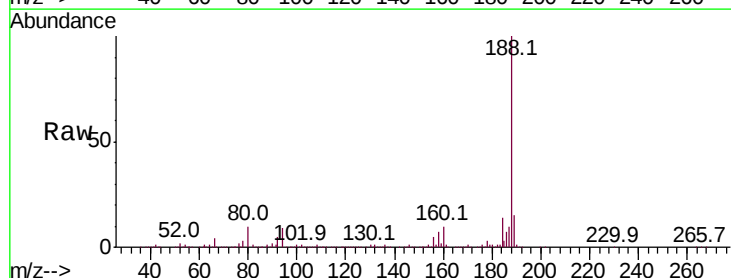
Tgt Ion: 188 Resp: 569170

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.8	9.0	13.4

188 100

94 9.4 7.5 11.3

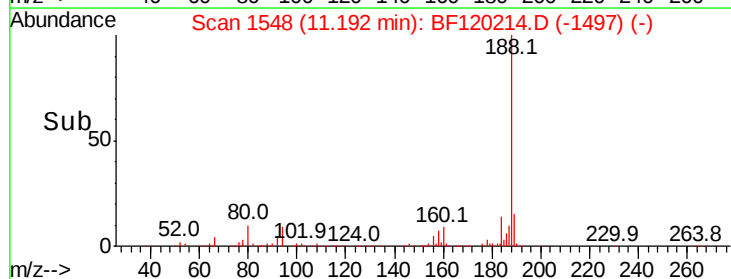
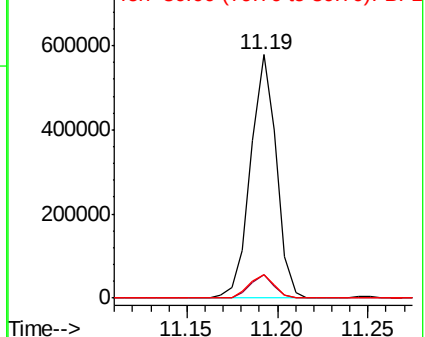
80 9.8 9.0 13.4

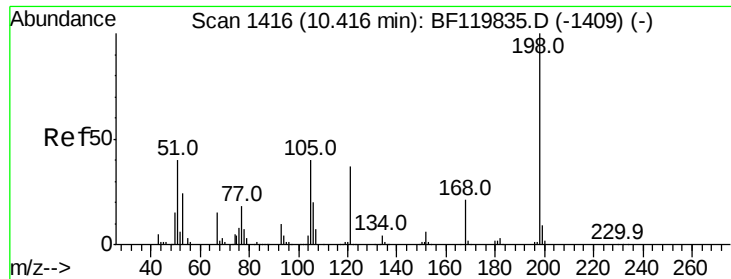


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

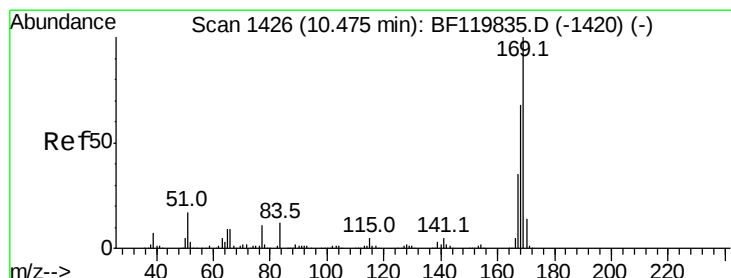
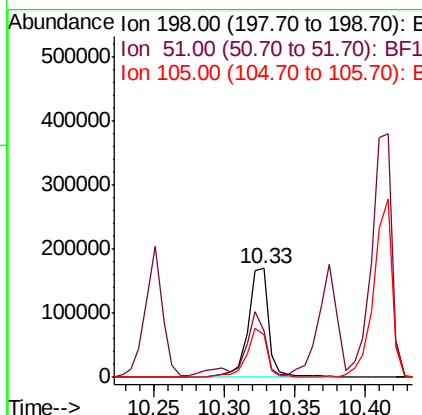
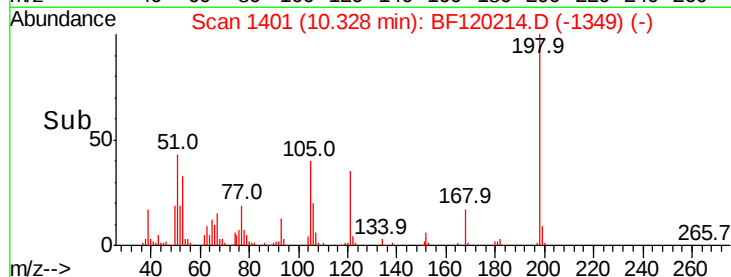
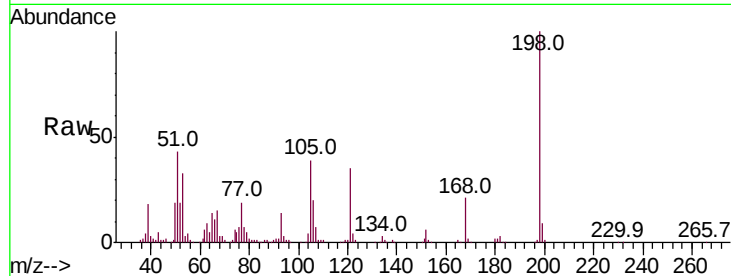




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.454 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

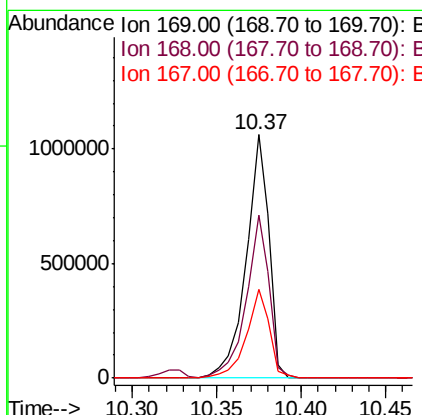
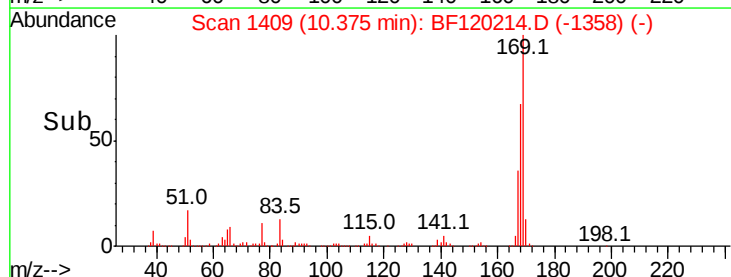
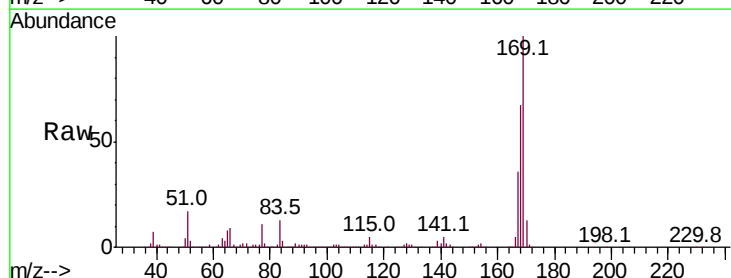
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

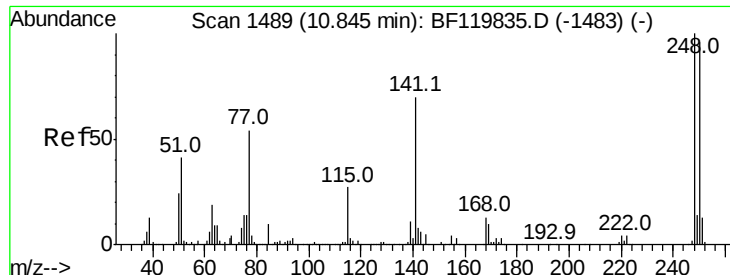
Tot Ion:198 Resp: 174190
 Ion Ratio Lower Upper
 198 100
 51 43.0 29.0 69.0
 105 39.5 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 53.097 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:169 Resp: 1005066
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.2 79.8
 167 36.5 29.1 43.7

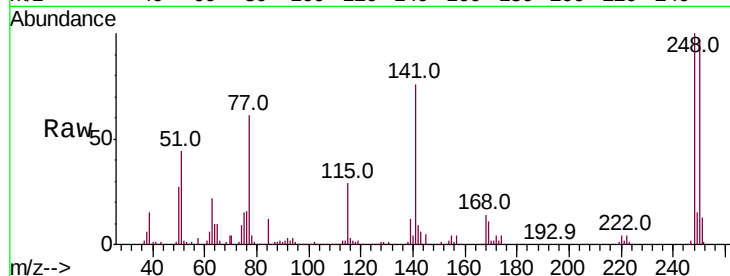




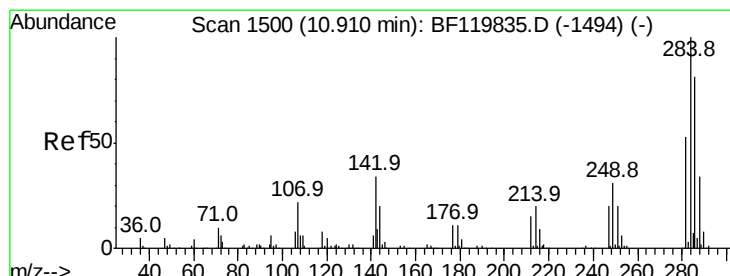
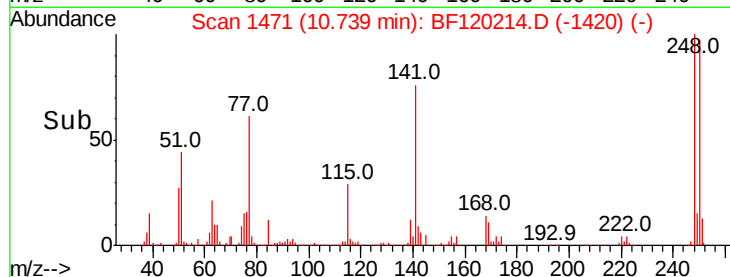
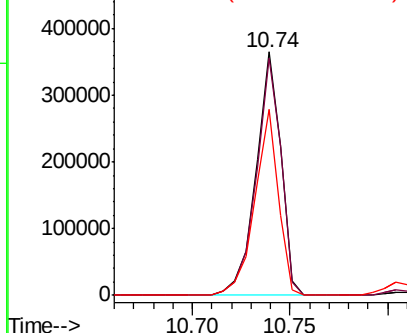
#67
4-Bromophenyl-phenylether
Concen: 45.330 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:248 Resp: 320854
Ion Ratio Lower Upper
248 100
250 97.2 77.3 115.9
141 76.3 58.6 87.8

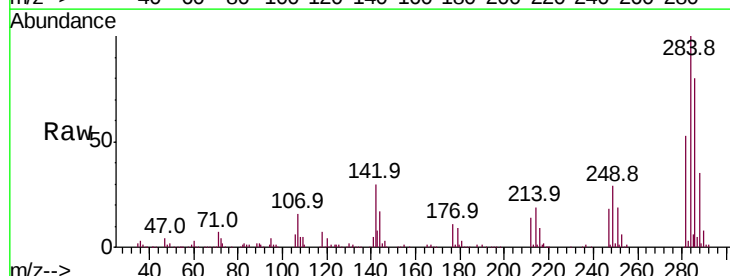


Abundance Ion 248.00 (247.70 to 248.70): E
500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

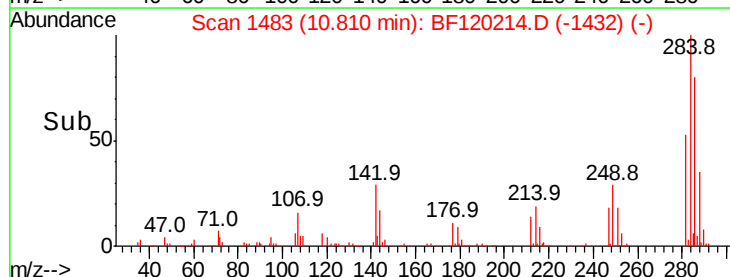
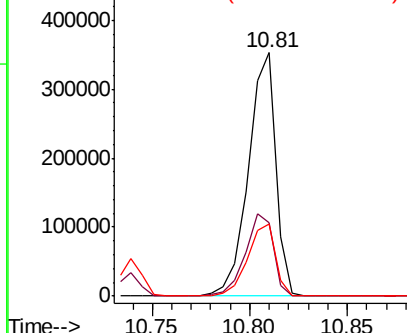


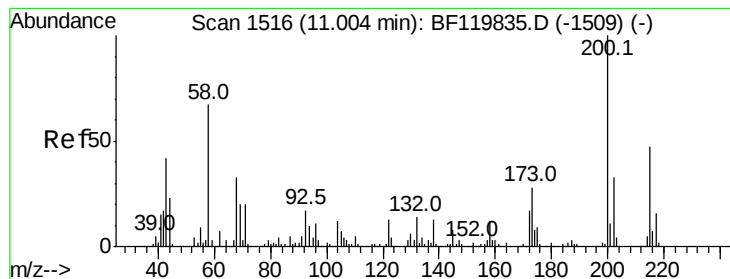
#68
Hexachlorobenzene
Concen: 47.885 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:284 Resp: 343844
Ion Ratio Lower Upper
284 100
142 29.9 29.2 43.8
249 29.5 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
400000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.733 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

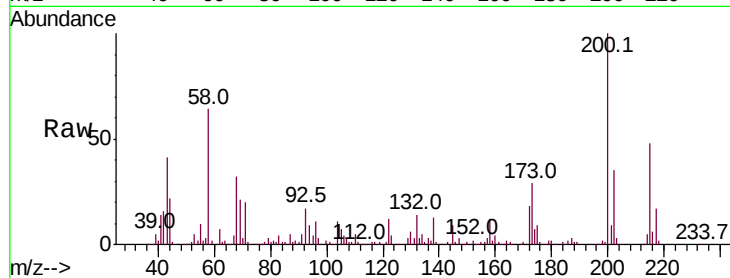
Tot Ion:200 Resp: 272459

Ion Ratio Lower Upper

200 100

173 28.8 9.3 49.3

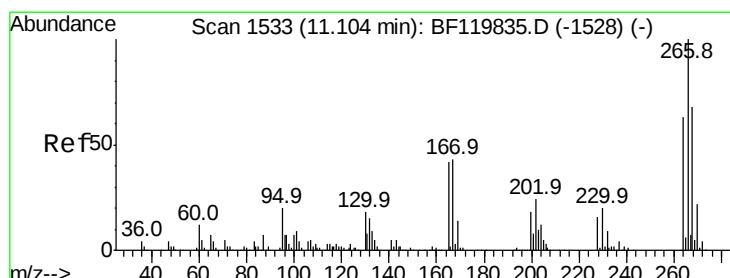
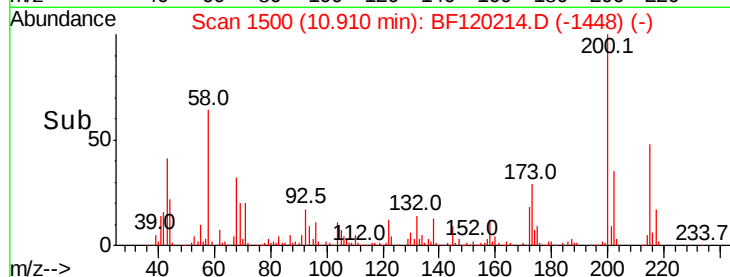
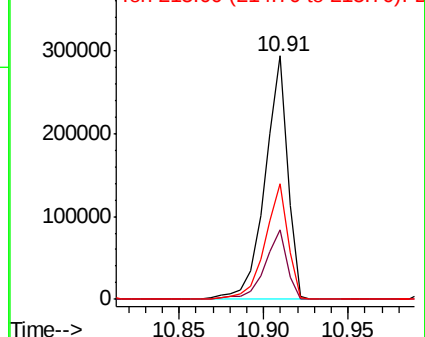
215 47.7 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.054 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

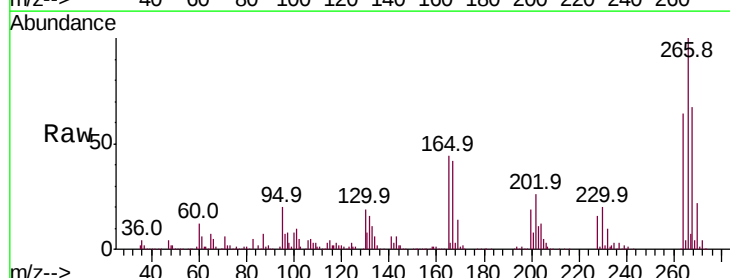
Tgt Ion:266 Resp: 318849

Ion Ratio Lower Upper

266 100

268 67.1 53.3 79.9

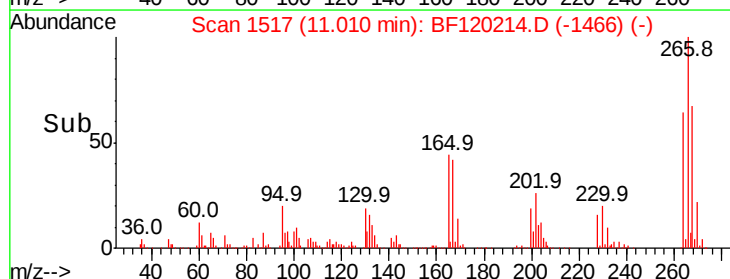
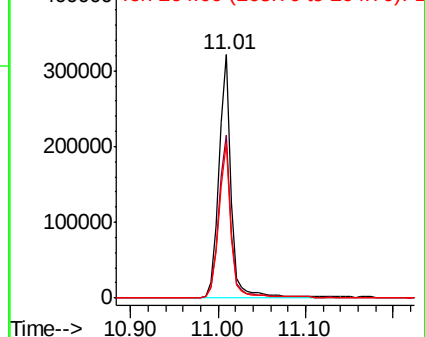
264 64.0 49.0 73.4

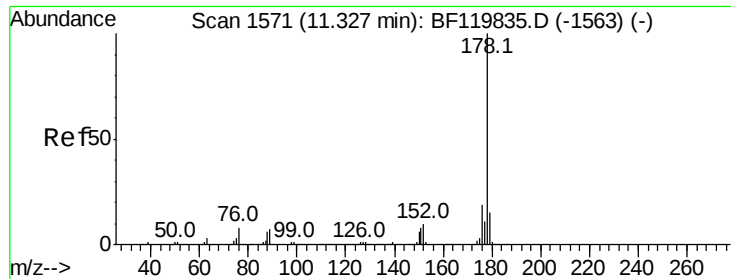


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

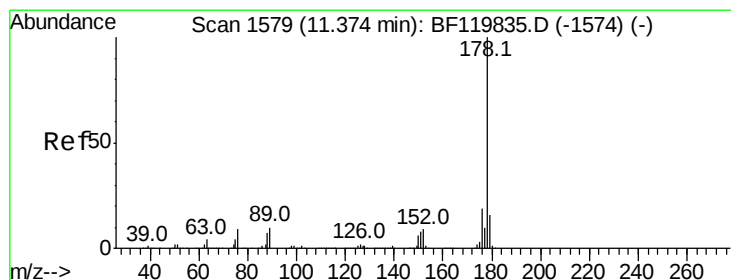
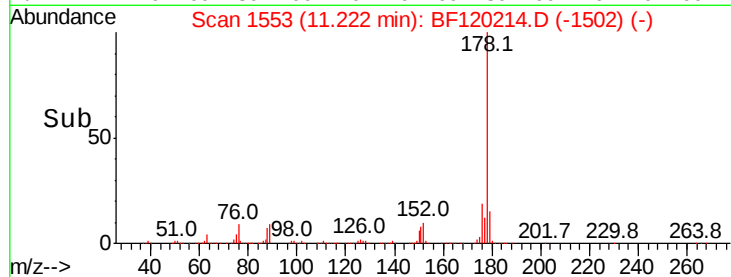
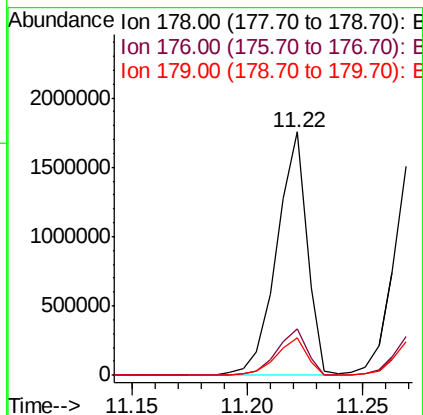
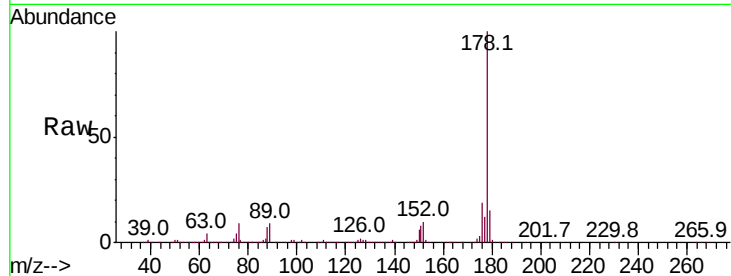




#71
Phenanthrene
Concen: 52.826 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

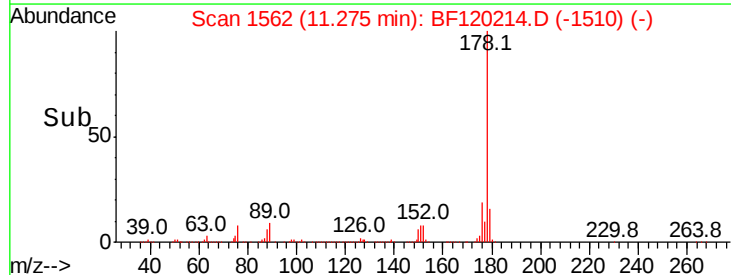
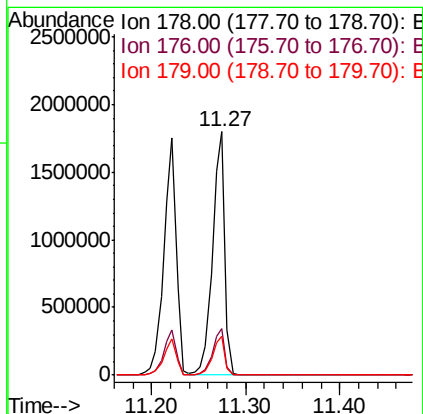
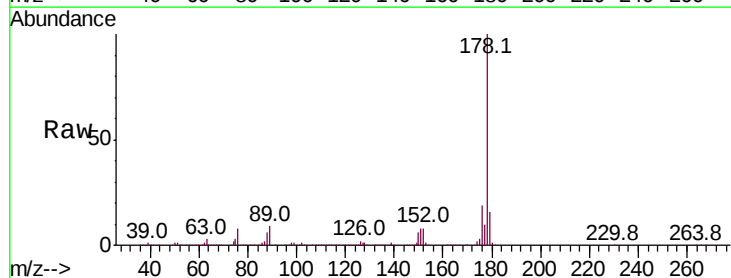
Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

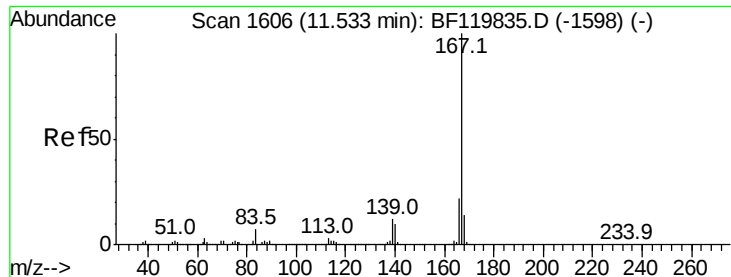
Tot Ion:178 Resp: 1600210
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 15.5 13.2 19.8



#72
Anthracene
Concen: 53.848 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:178 Resp: 1666308
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.7 13.0 19.4





#73

Carbazole

Concen: 51.079 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

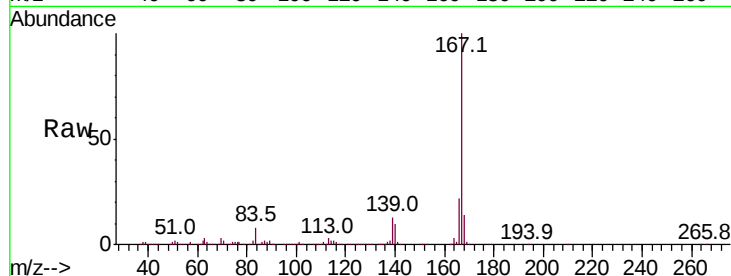
Tot Ion:167 Resp: 1494755

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.4

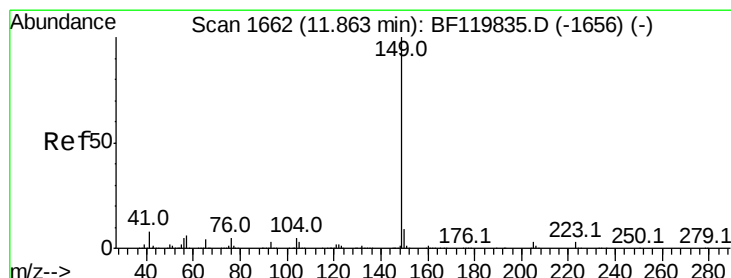
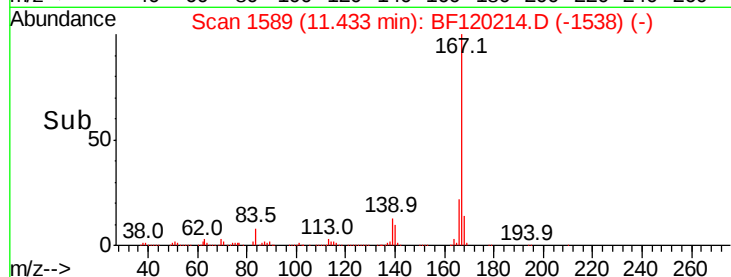
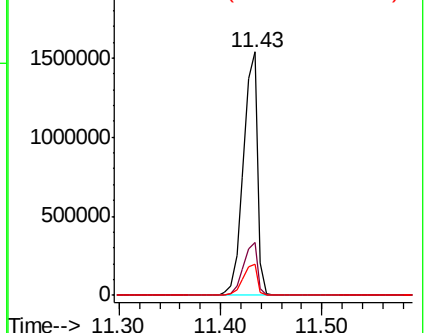
139 12.7 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.262 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

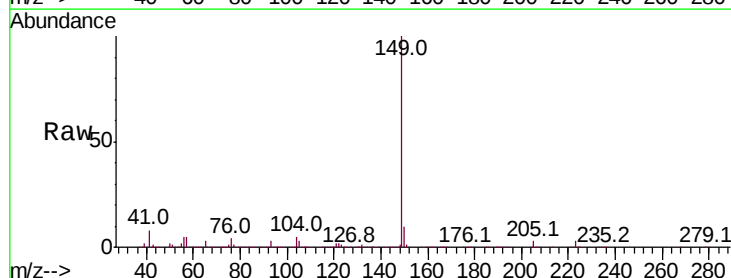
Tgt Ion:149 Resp: 1856646

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

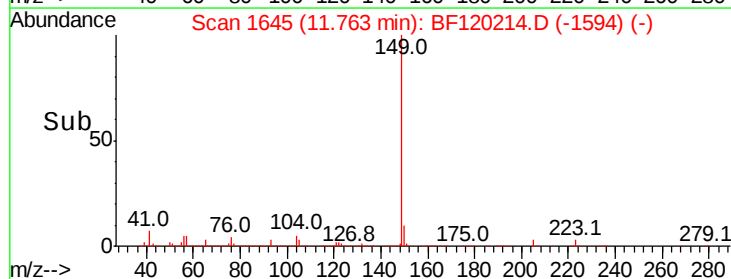
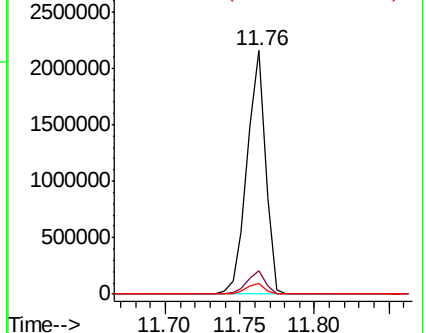
104 4.6 3.6 5.4

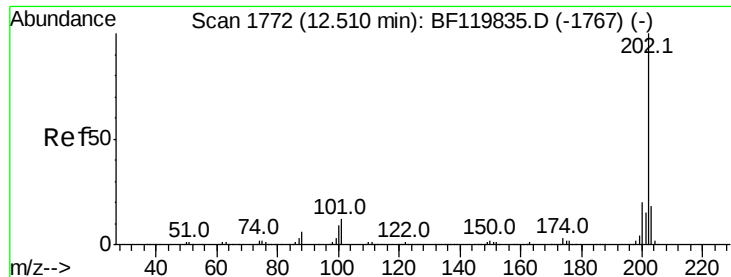


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

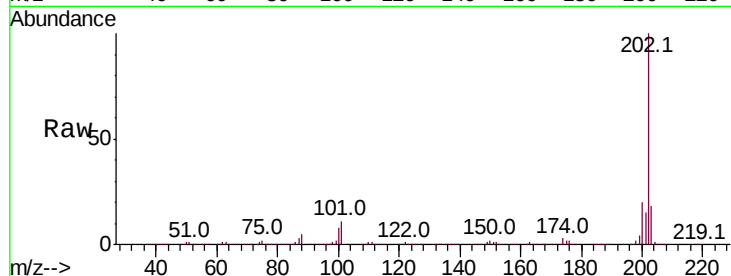




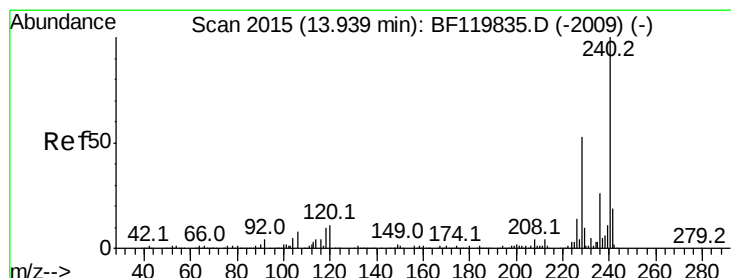
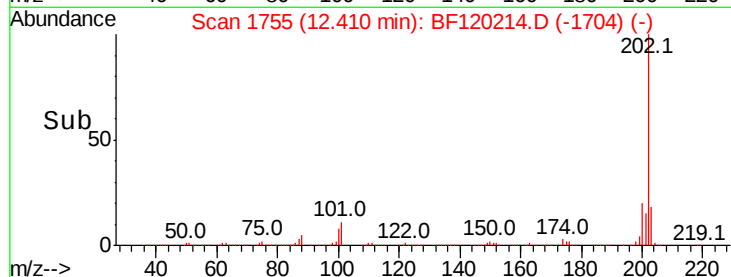
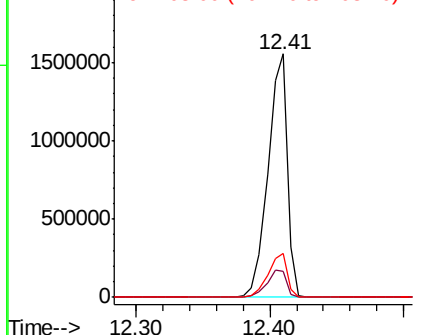
#75
 Fluoranthene
 Concen: 47.816 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion:202 Resp: 1562847
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 32.2
 203 18.1 0.0 38.8

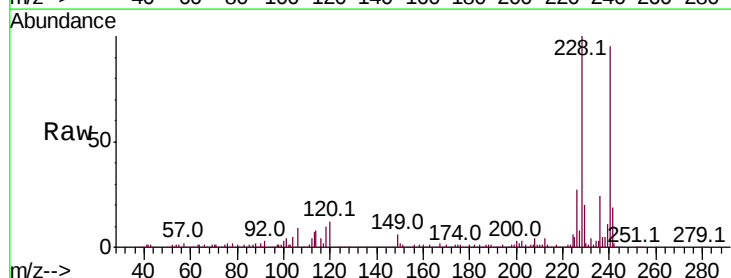


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

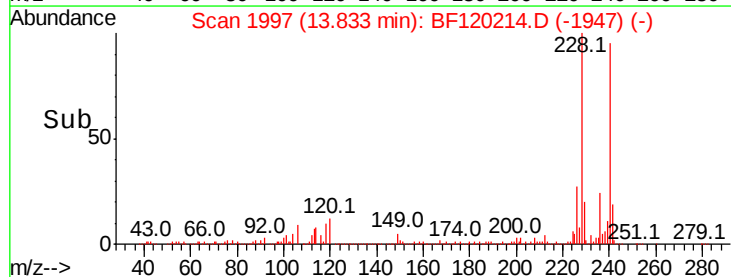
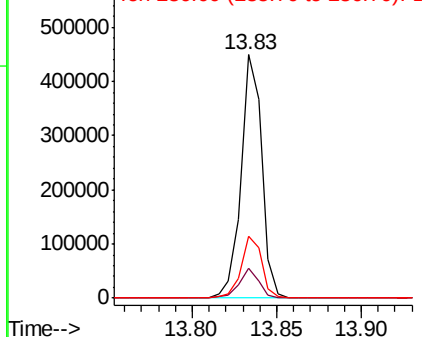


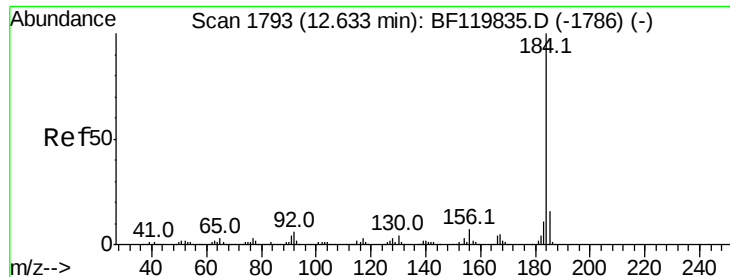
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:240 Resp: 383218
 Ion Ratio Lower Upper
 240 100
 120 12.2 10.6 15.8
 236 25.4 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: 71.651 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

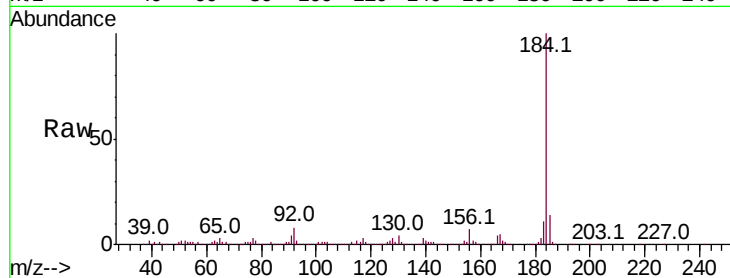
Tot Ion:184 Resp: 928164

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

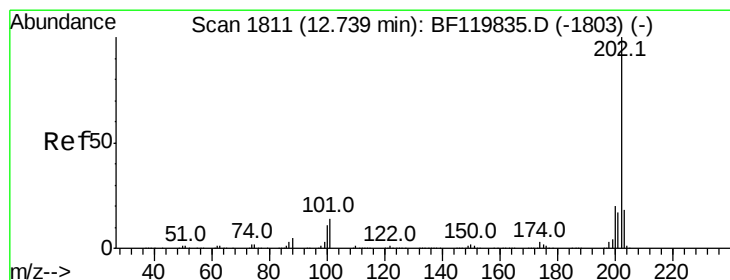
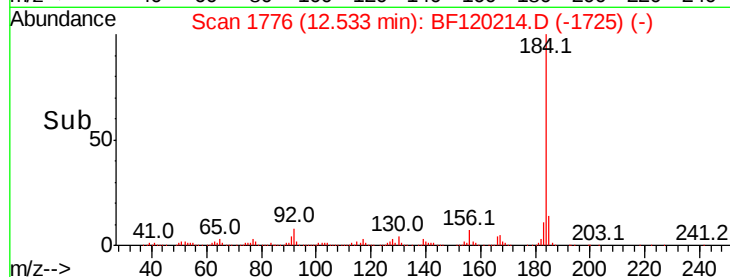
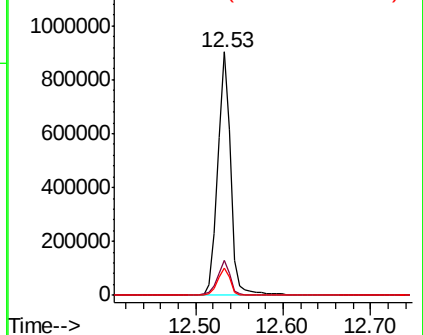
183 11.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.831 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

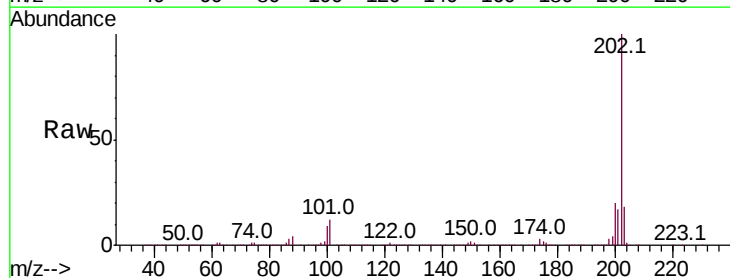
Tgt Ion:202 Resp: 1771369

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

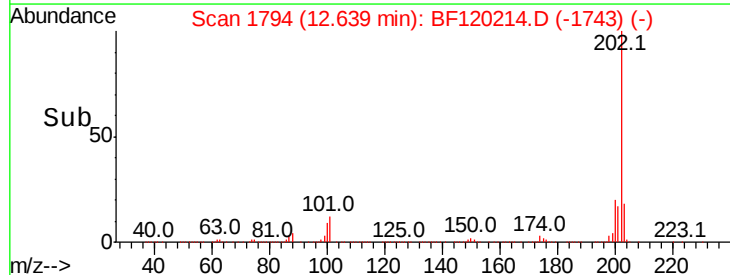
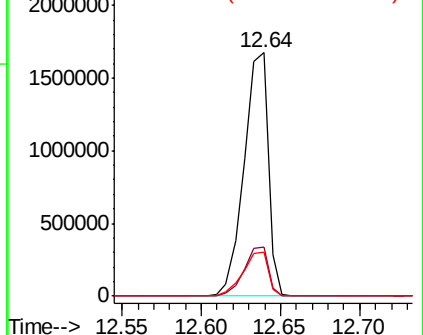
203 17.9 15.1 22.7

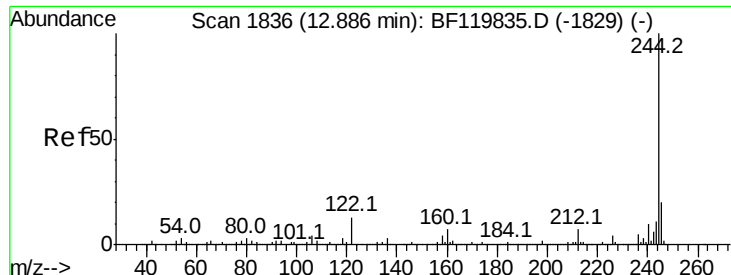


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.946 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

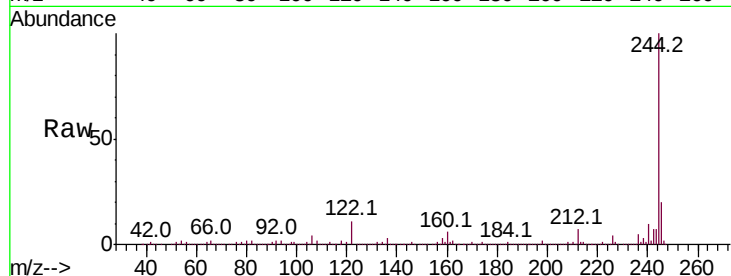
Tot Ion:244 Resp: 1365238

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

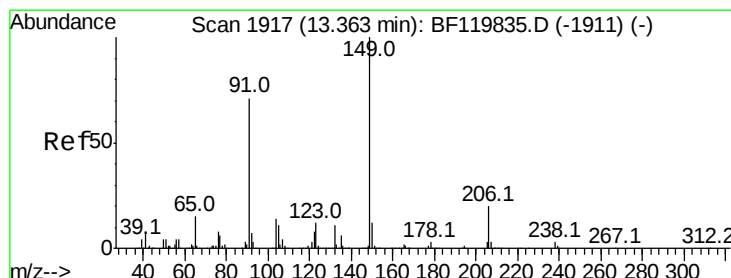
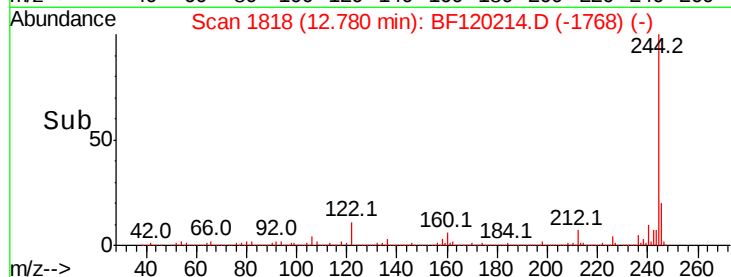
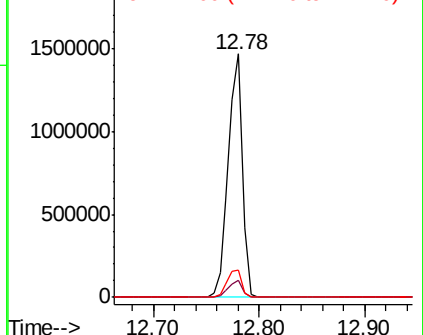
122 11.3 10.3 15.5



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: 50.025 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

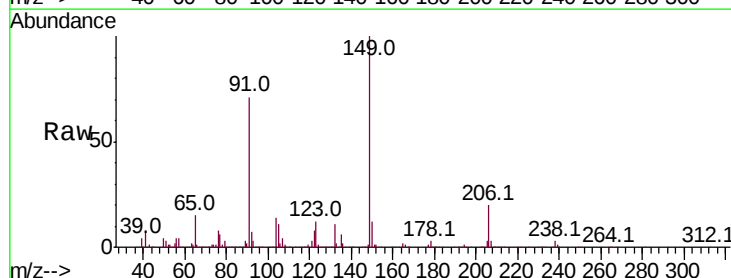
Tgt Ion:149 Resp: 784198

Ion Ratio Lower Upper

149 100

91 71.5 54.7 82.1

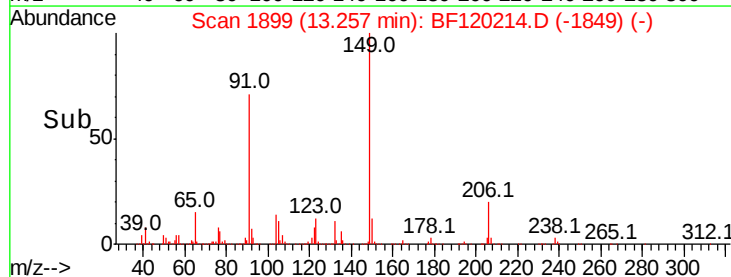
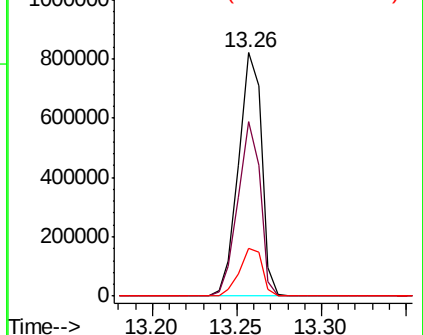
206 19.6 16.2 24.2



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: 52.309 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

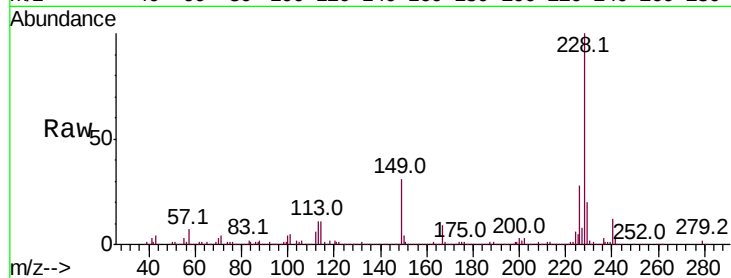
BNA_F

ClientSampleId :

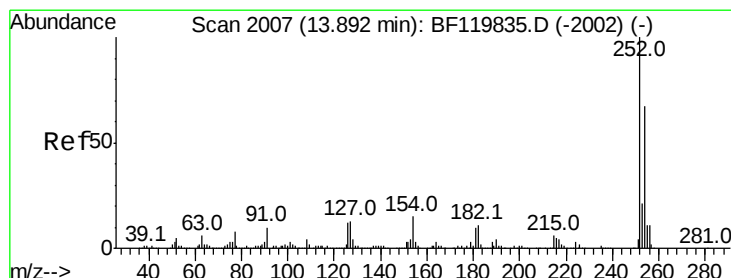
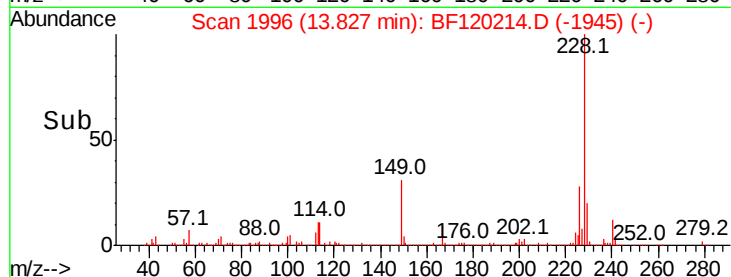
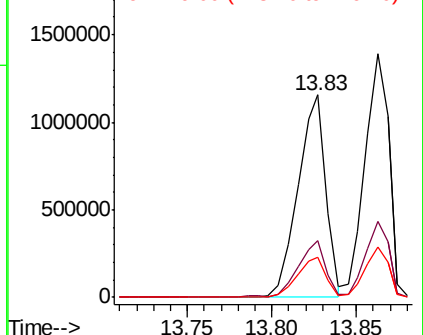
RBR-200010MS

Tot Ion:228 Resp: 1318735

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	19.9	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: 42.878 ng

RT: 13.79 min Scan# 1990

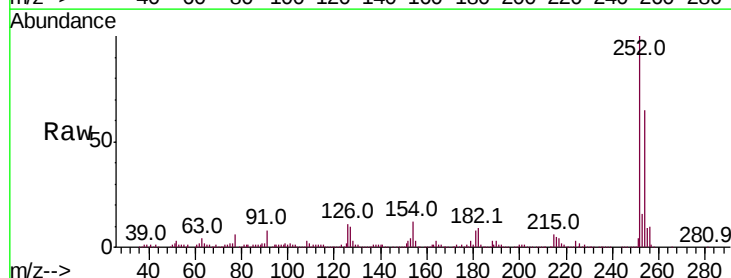
Delta R.T. -0.00 min

Lab File: BF120214.D

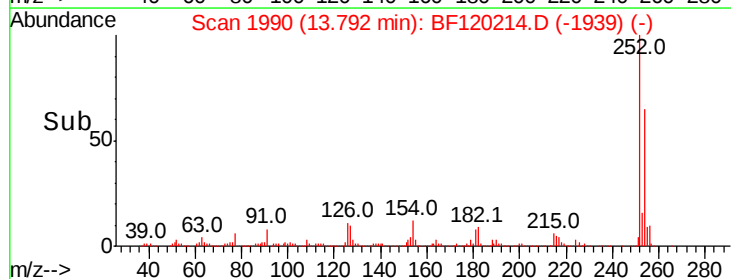
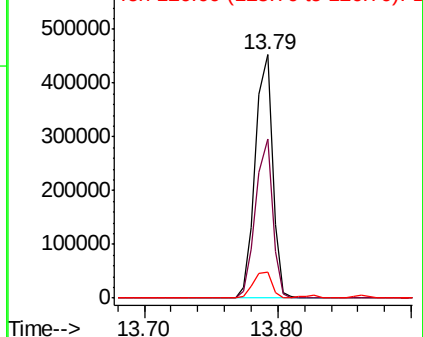
Acq: 27 Apr 2020 13:07

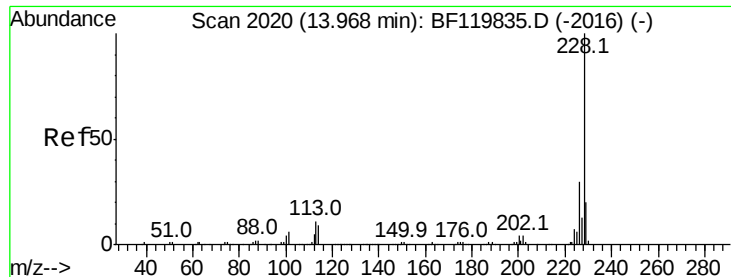
Tgt Ion:252 Resp: 403334

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.2	76.8
126	10.7	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

Chrysene

Concen: 53.636 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

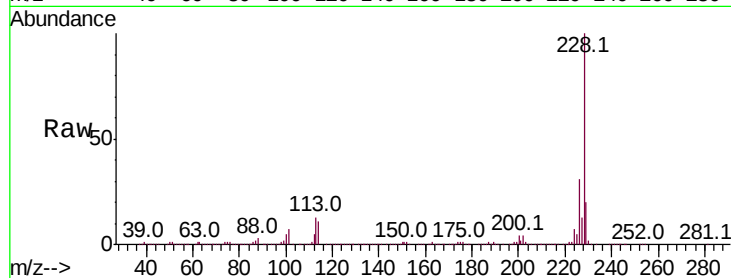
BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:228 Resp: 1373957

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.5	16.6	24.8

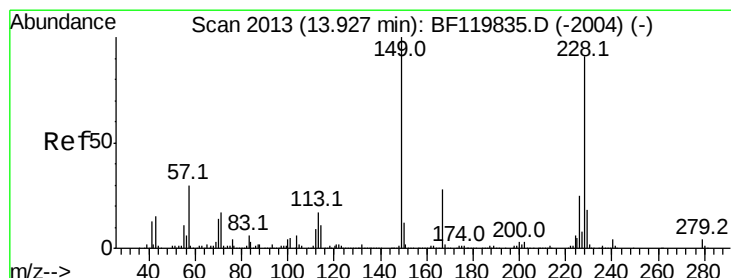
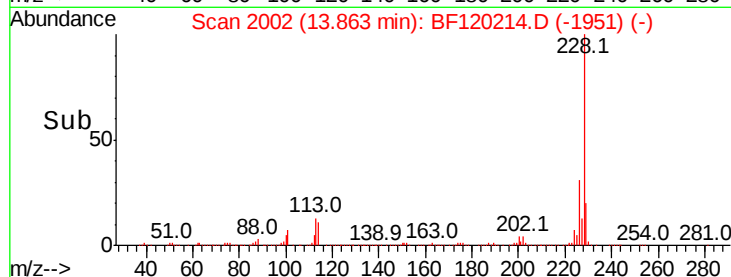
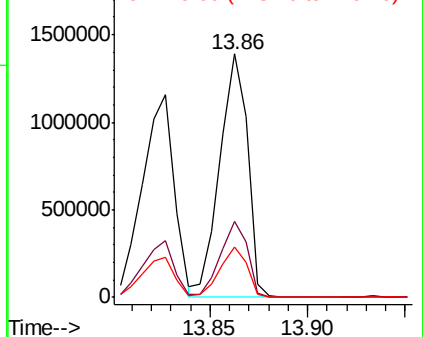


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.265 ng

RT: 13.82 min Scan# 1995

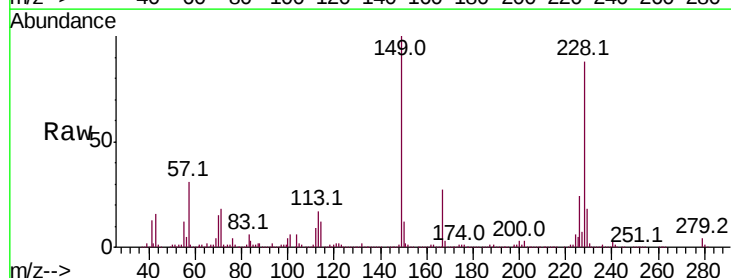
Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:149 Resp: 1045812

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.7	2.7	4.1

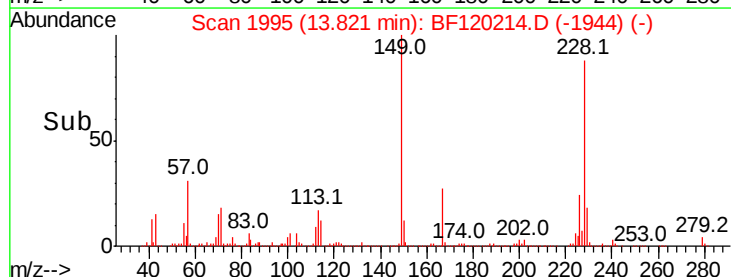
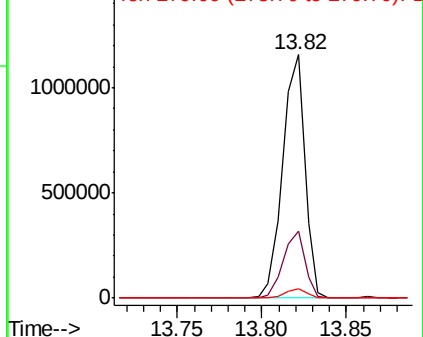


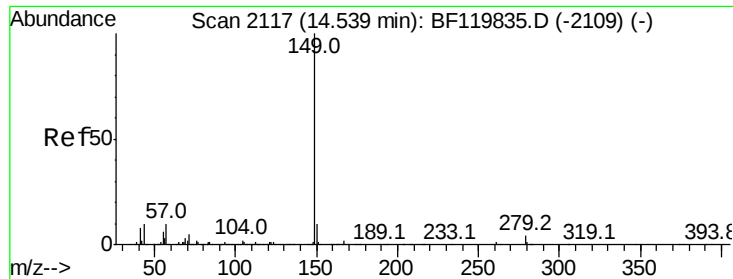
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.266 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

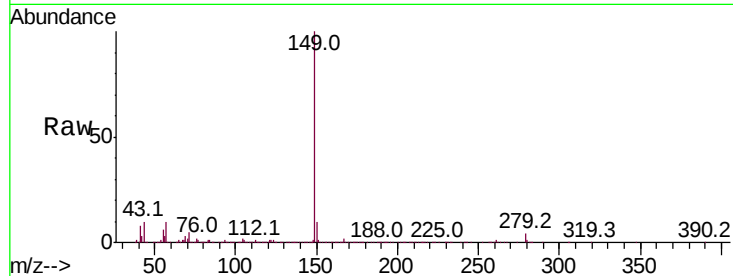
Tot Ion:149 Resp: 1708437

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

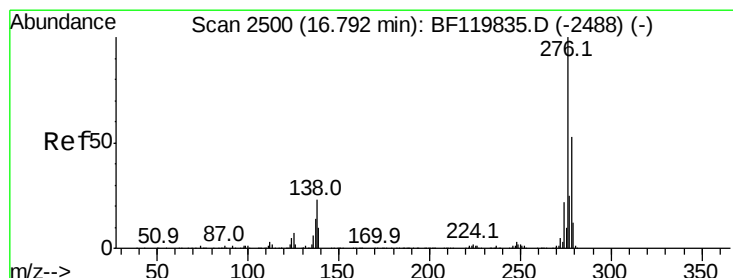
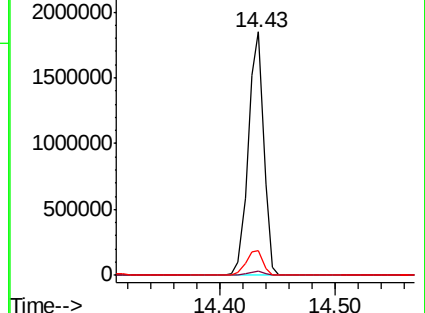
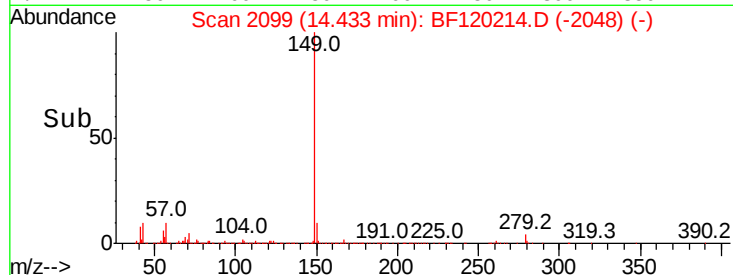
43 10.9 9.3 13.9



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: 54.050 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

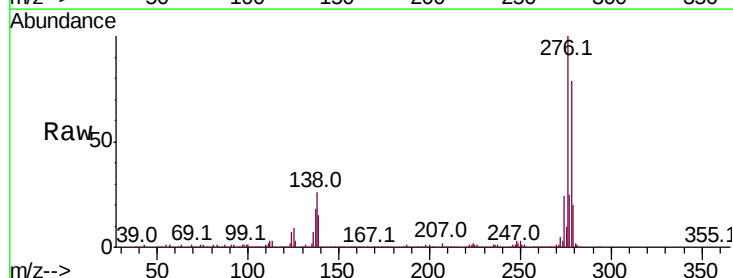
Tgt Ion:276 Resp: 1220478

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

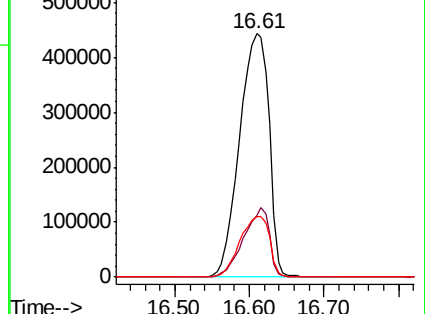
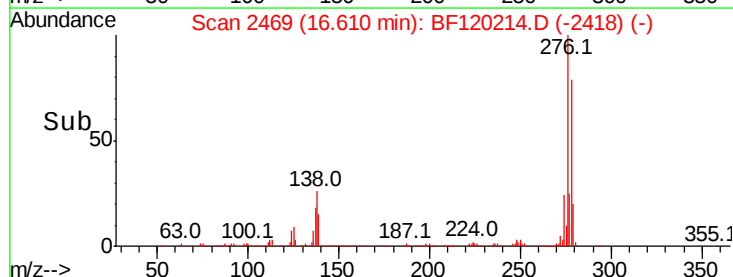
277 25.3 20.0 30.0

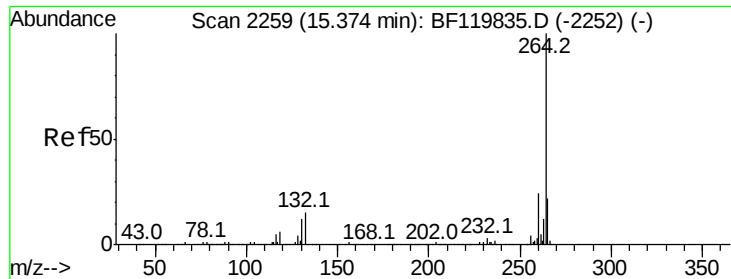


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

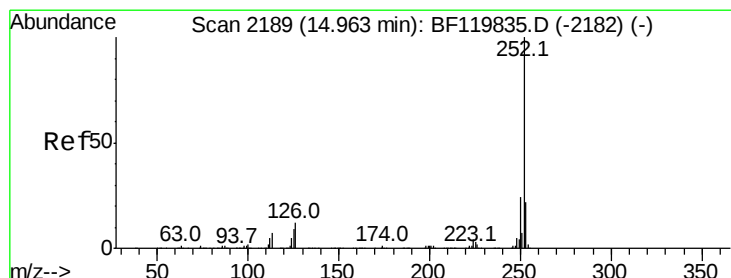
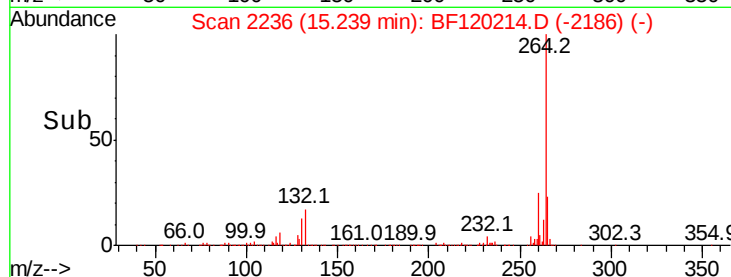
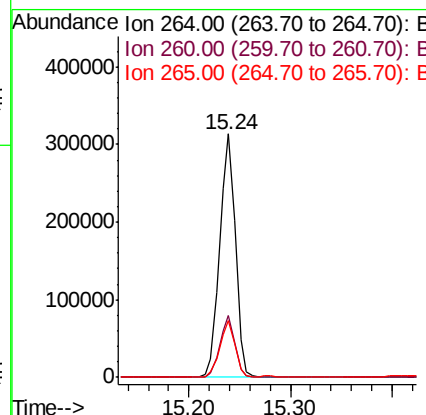
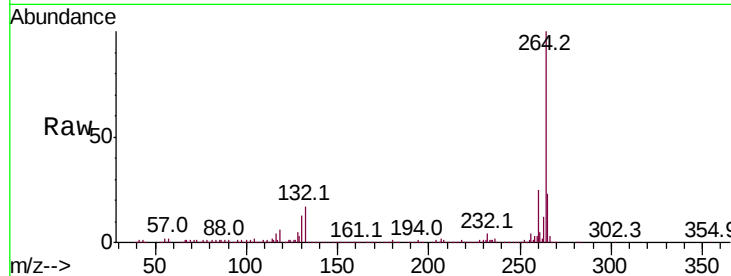




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

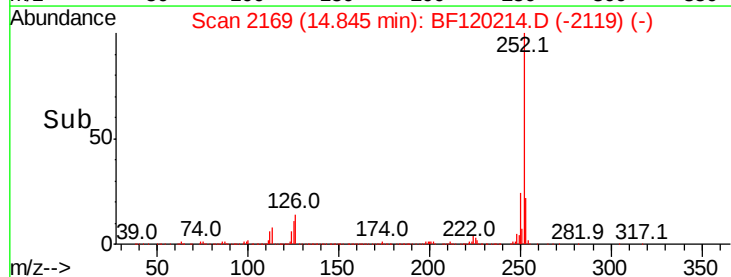
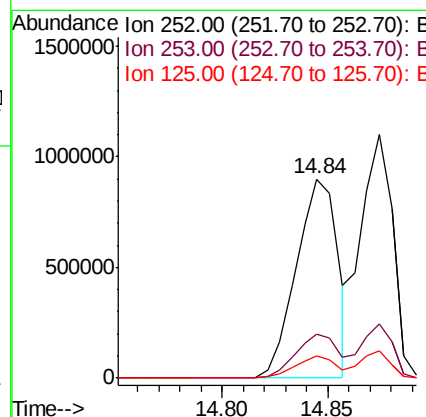
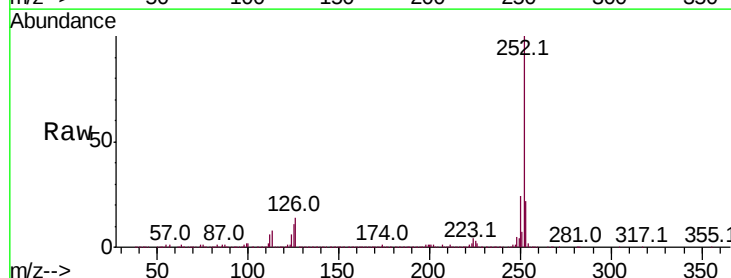
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion:264 Resp: 338844
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.7 28.1
 265 23.1 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 50.190 ng
 RT: 14.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:252 Resp: 1223406
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 11.2 7.9 11.9

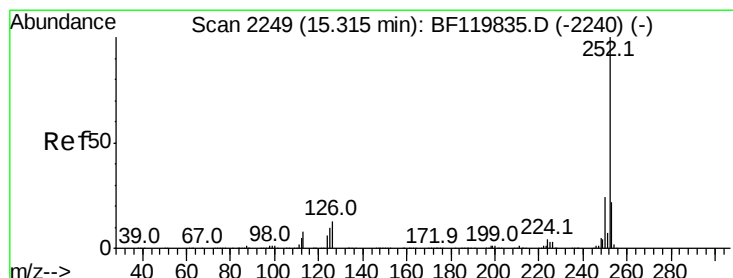
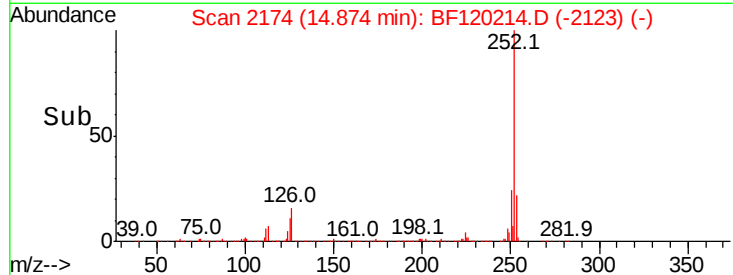
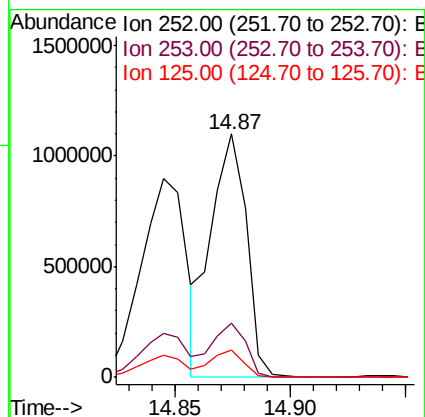
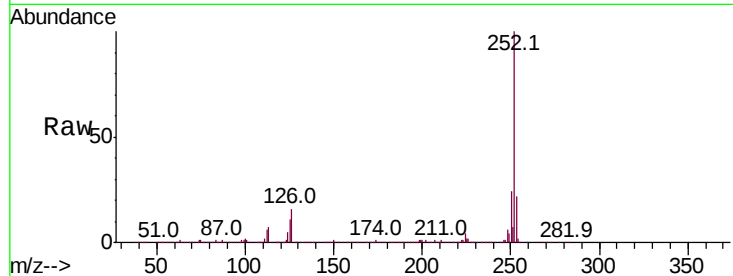




#89
Benzo(k)fluoranthene
Concen: 55.264 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

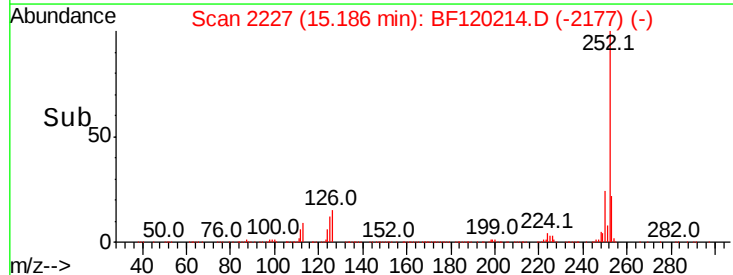
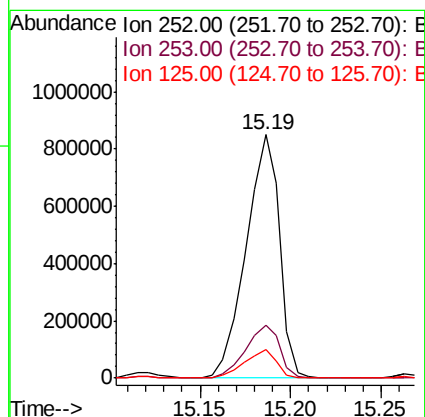
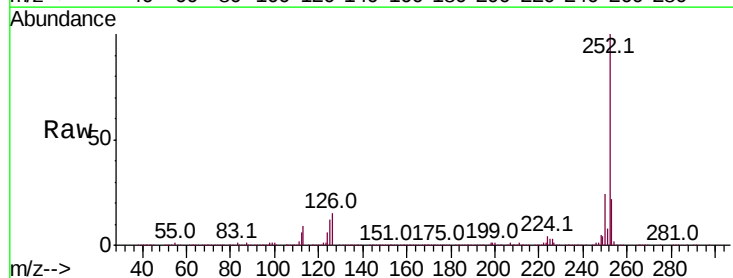
Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

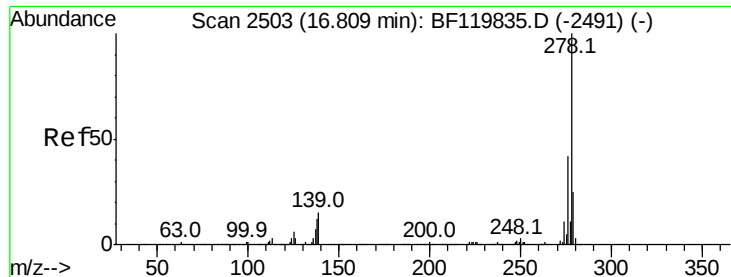
Tot Ion:252 Resp: 1162287
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 52.906 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:252 Resp: 1084305
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 54.886 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

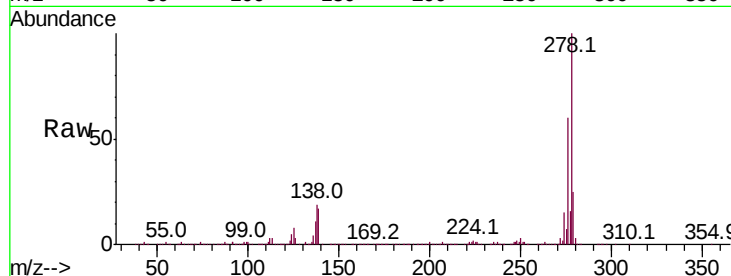
Tot Ion:278 Resp: 996417

Ion Ratio Lower Upper

278 100

139 16.9 12.6 19.0

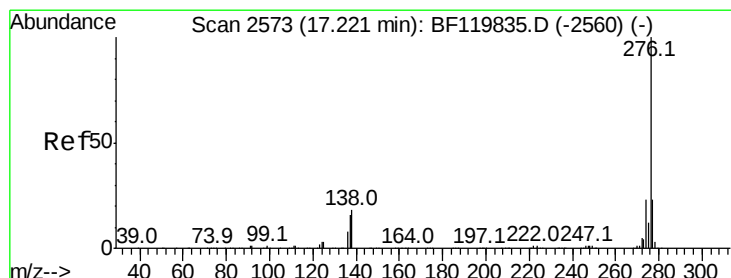
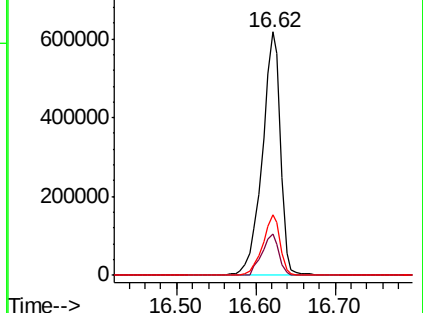
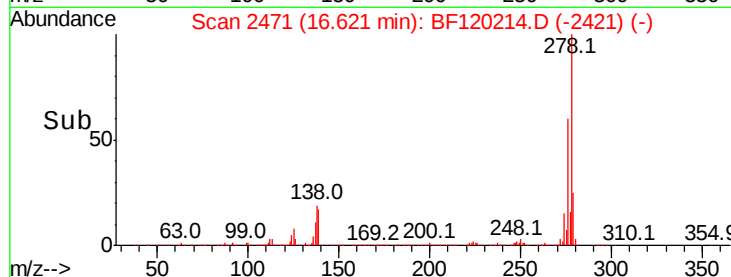
279 24.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.669 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

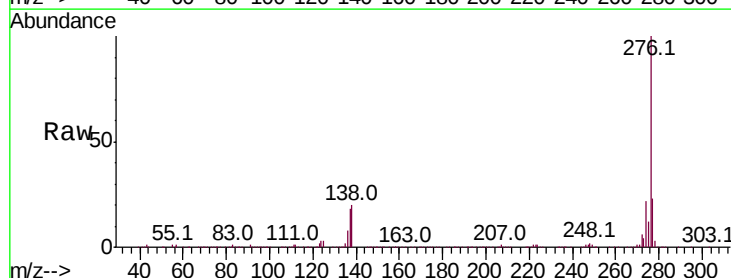
Tgt Ion:276 Resp: 979678

Ion Ratio Lower Upper

276 100

277 23.4 18.4 27.6

138 20.4 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

