

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112239.D
 Acq On : 25 Jan 2019 18:37
 Operator : JU/SJ
 Sample : K1231-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

Quant Time: Jan 27 23:36:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	196909	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	705670	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	280743	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	634357	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	359699	20.00	ng	-0.01
87) Perylene-d12	15.47	264	361163	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	872362	94.10	ng	0.00
7) Phenol-d6	6.49	99	1351371	104.91	ng	-0.02
23) Nitrobenzene-d5	7.40	82	862516	70.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	369713	113.14	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1331640	67.09	ng	-0.01
79) Terphenyl-d14	12.94	244	1155672	60.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	789	0.214	ng	# 80
6) Aniline	6.50	93	3155	0.206	ng	# 1
8) 2-Chlorophenol	6.63	128	483	0.039	ng	# 1
9) Benzaldehyde	6.49	77	3508	0.521	ng	# 1
10) Phenol	6.50	94	130224	9.214	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	134	0.012	ng	# 22
15) Benzyl Alcohol	7.00	79	14258	1.313	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	6.86	45	166	0.012	ng	# 1
17) 2-Methylphenol	7.00	107	447	0.045	ng	# 1
18) Hexachloroethane	7.37	117	690	0.131	ng	# 2
19) n-Nitroso-di-n-propylamine	7.40	70	116573	13.124	ng	# 75
20) 3+4-Methylphenols	7.27	107	525	0.042	ng	# 36
22) Acetophenone	7.25	105	881	0.051	ng	# 75
24) Nitrobenzene	7.40	77	3008	0.246	ng	# 31
25) Isophorone	7.40	82	852077	44.349	ng	# 63
27) 2,4-Dimethylphenol	7.87	122	250	0.028	ng	# 6
28) bis(2-Chloroethoxy)methane	7.93	93	120	0.009	ng	# 48
29) 2,4-Dichlorophenol	8.25	162	1417	0.141	ng	# 26
31) Naphthalene	8.15	128	12962	0.393	ng	99
32) Benzoic acid	7.94	122	389	0.076	ng	85
33) 4-Chloroaniline	8.20	127	266	0.019	ng	# 48
37) 2-Methylnaphthalene	8.84	142	5435	0.241	ng	96
38) 1-Methylnaphthalene	8.93	142	2762	0.128	ng	# 90
46) 1,1'-Biphenyl	9.30	154	3721	0.152	ng	94
48) 2-Nitroaniline	9.47	65	143	0.028	ng	# 1
49) Acenaphthylene	9.74	152	32493	1.165	ng	98
50) Dimethylphthalate	9.59	163	126571	5.803	ng	99
51) 2,6-Dinitrotoluene	9.59	165	1552	0.318	ng	# 1
52) Acenaphthene	9.91	154	7987	0.479	ng	97
55) Dibenzofuran	10.08	168	6856	0.269	ng	# 87
56) 4-Nitrophenol	10.08	139	3075	1.099	ng	# 19
57) 2,4-Dinitrotoluene	9.88	165	37511	6.032	ng	# 32
58) Fluorene	10.43	166	16867	0.885	ng	95
60) Diethylphthalate	10.29	149	1355	0.063	ng	# 58

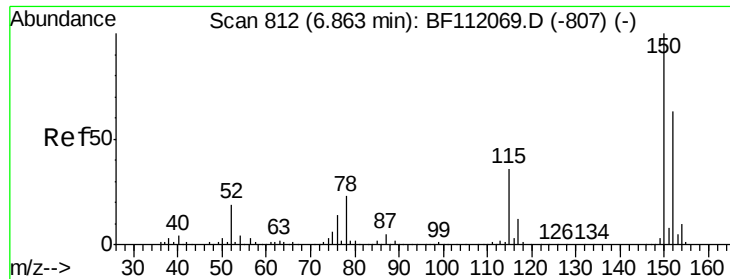
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112239.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	10.42	138	306	0.059	ng	# 20
63) Azobenzene	10.58	77	919	0.048	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	710	0.200	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	2188	0.102	ng	# 75
67) 4-Bromophenyl-phenylether	10.67	248	22769	3.052	ng	# 1
70) Pentachlorophenol	11.19	266	109	0.035	ng	# 18
71) Phenanthrene	11.39	178	488263	14.805	ng	98
72) Anthracene	11.44	178	71129	2.165	ng	96
73) Carbazole	11.59	167	23796	0.734	ng	# 94
74) Di-n-butylphthalate	11.92	149	2909	0.072	ng	# 89
75) Fluoranthene	12.58	202	785342	22.202	ng	97
77) Benzidine	12.94	184	17462	1.764	ng	98
78) Pyrene	12.80	202	655014	26.302	ng	99
80) Butylbenzylphthalate	13.40	149	1265	0.105	ng	# 23
81) Benzo(a)anthracene	13.99	228	262053	12.393	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	1520	0.192	ng	# 70
83) Chrysene	14.03	228	237729	11.778	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	6897	0.403	ng	# 90
85) Di-n-octyl phthalate	14.57	149	540	0.021	ng	# 49
86) Indeno(1,2,3-cd)pyrene	16.94	276	140710	8.798	ng	# 92
88) Benzo(b)fluoranthene	15.04	252	441397	20.436	ng	99
89) Benzo(k)fluoranthene	15.04	252	441397	21.335	ng	100
90) Benzo(a)pyrene	15.40	252	240027	12.350	ng	# 96
91) Dibenzo(a,h)anthracene	17.02	278	13236	0.845	ng	92
92) Benzo(g,h,i)perylene	17.39	276	134408	9.095	ng	98

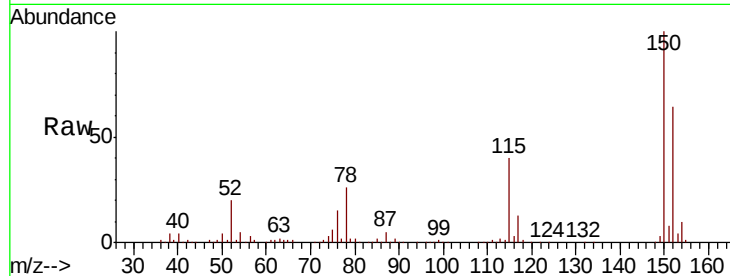
(#) = qualifier out of range (m) = manual integration (+) = signals summed



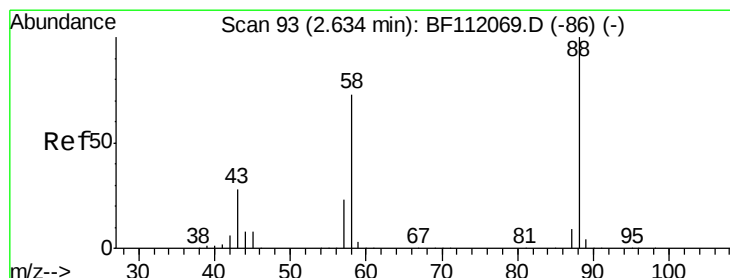
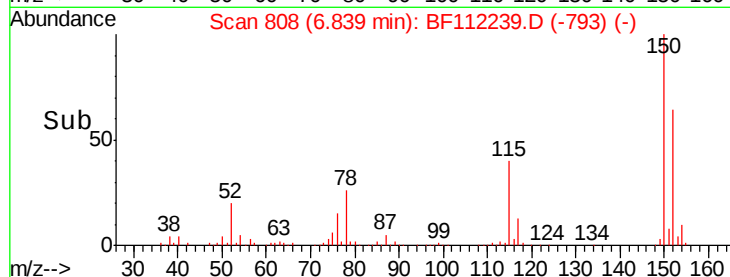
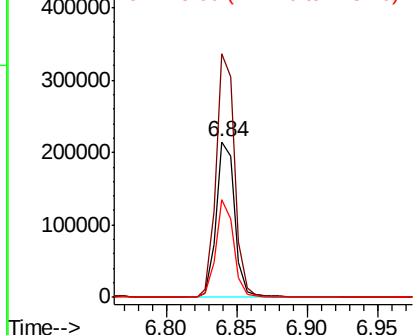
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

Tgt Ion:152 Resp: 196909
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.4 191.0
 115 62.5 45.5 68.3

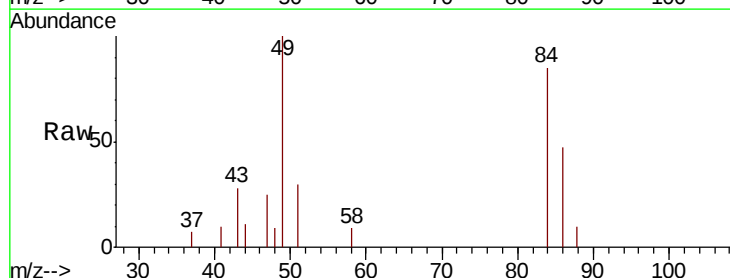


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

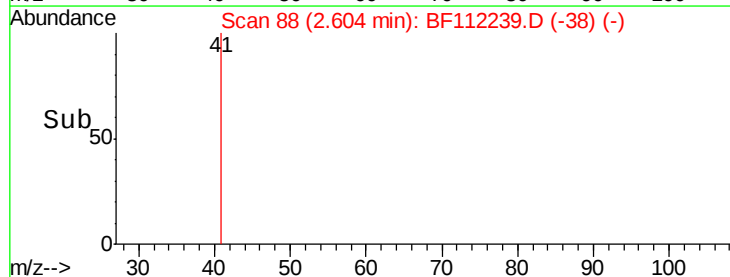
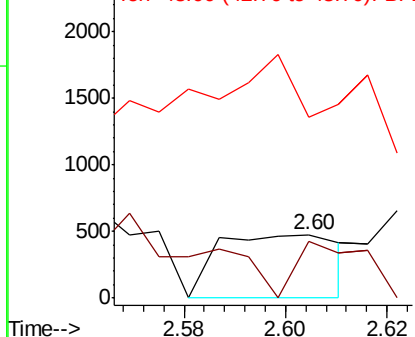


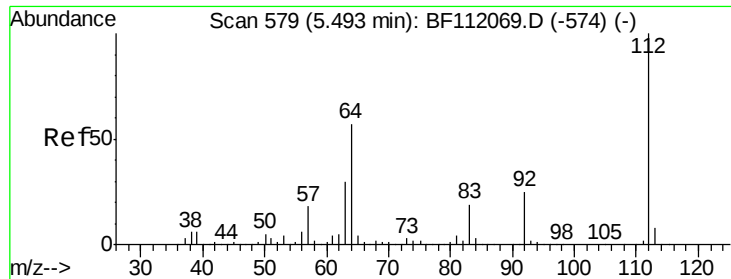
#2
 1,4-Dioxane
 Concen: 0.214 ng
 RT: 2.60 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

Tgt Ion: 88 Resp: 789
 Ion Ratio Lower Upper
 88 100
 58 50.4 57.4 86.2#
 43 24.8 22.2 33.4



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





#5

2-Fluorophenol

Concen: 94.102 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

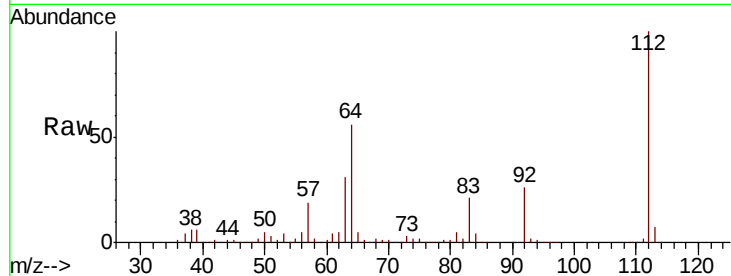
Tgt Ion: 112 Resp: 872362

Ion Ratio Lower Upper

112 100

64 55.8 45.7 68.5

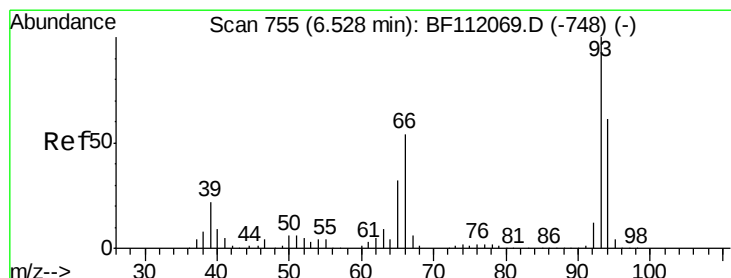
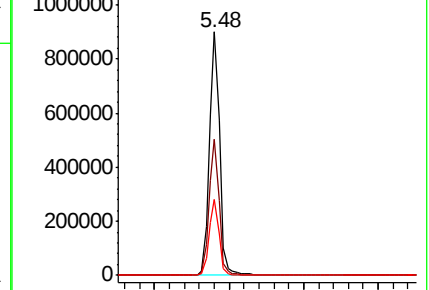
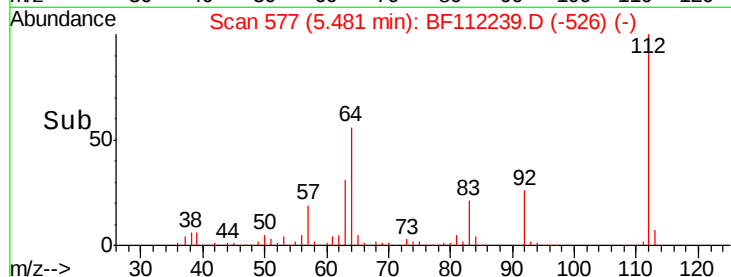
63 31.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.206 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

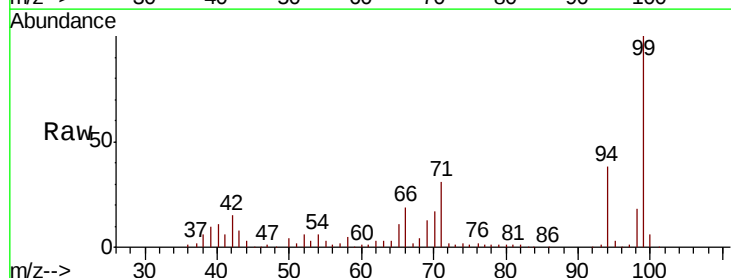
Tgt Ion: 93 Resp: 3155

Ion Ratio Lower Upper

93 100

66 2111.4 43.4 65.2#

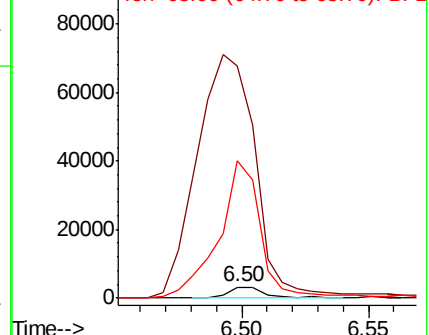
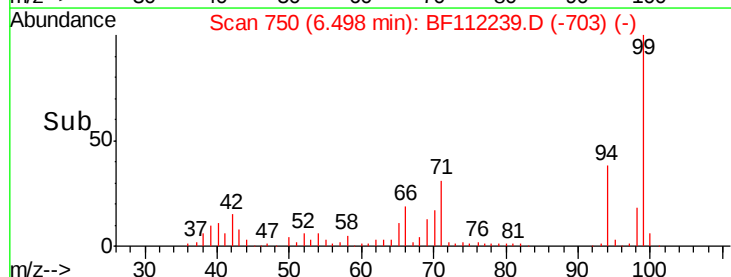
65 1246.7 25.3 37.9#

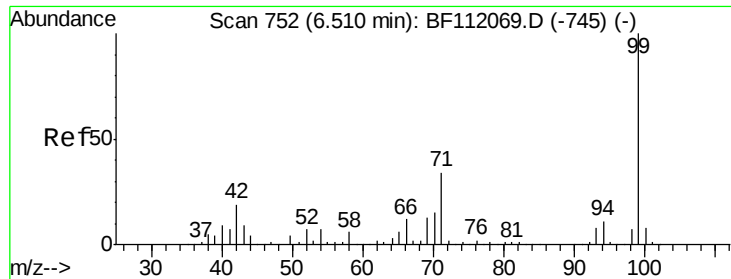


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.907 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

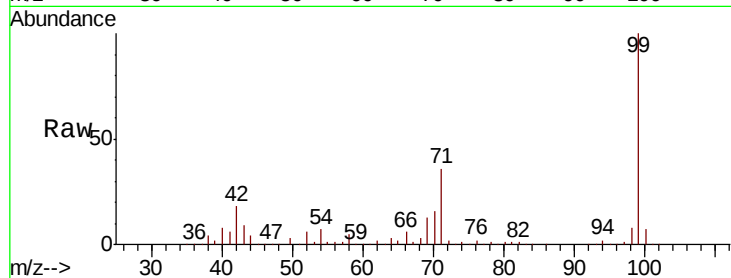
Tgt Ion: 99 Resp: 1351371

Ion Ratio Lower Upper

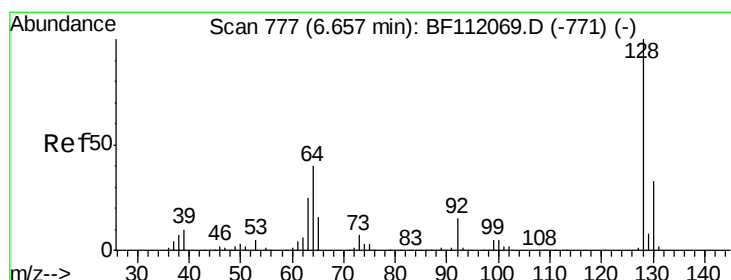
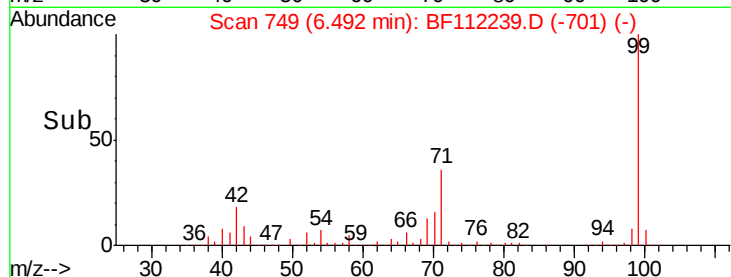
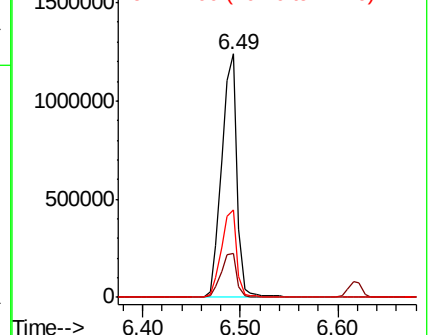
99 100

42 18.0 15.1 22.7

71 36.2 26.9 40.3



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



#8

2-Chlorophenol

Concen: 0.039 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

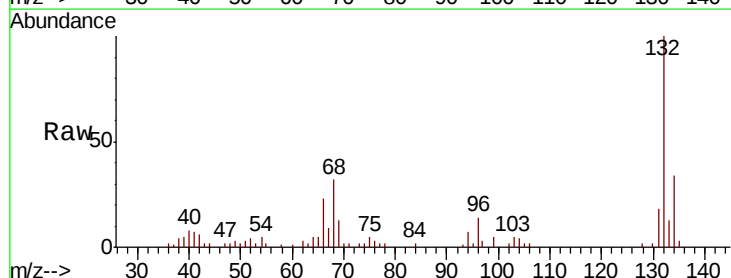
Tgt Ion: 128 Resp: 483

Ion Ratio Lower Upper

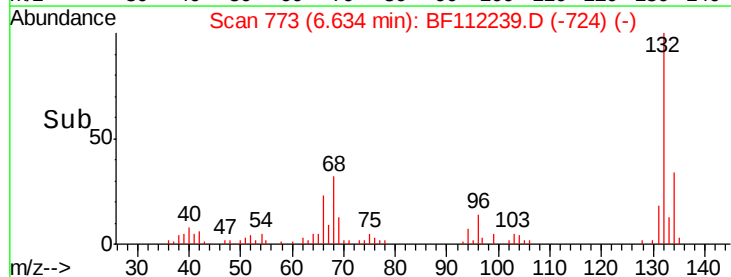
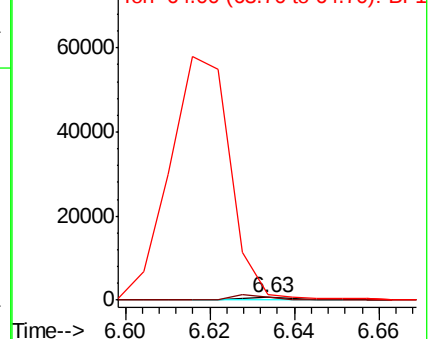
128 100

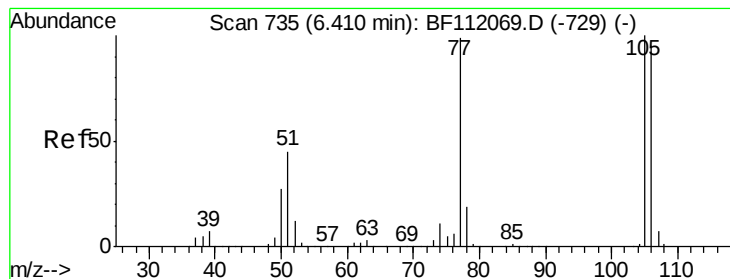
130 106.4 13.4 53.4#

64 240.0 20.5 60.5#



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





#9

Benzaldehyde

Concen: 0.521 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

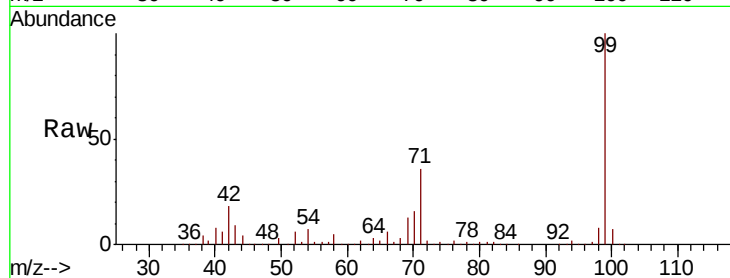
Tgt Ion: 77 Resp: 3508

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

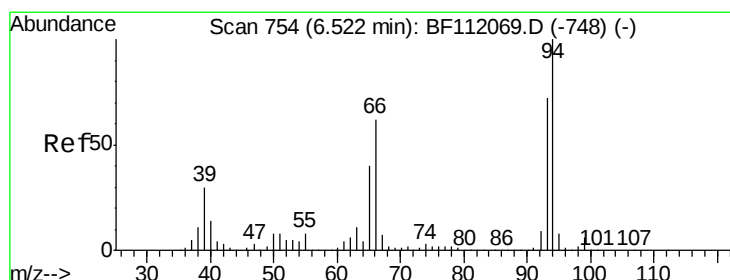
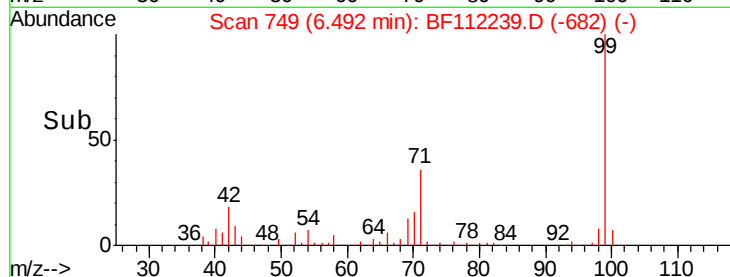
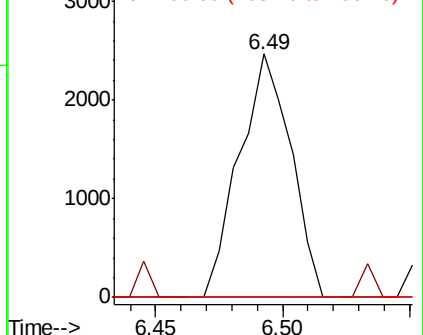
106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 9.214 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

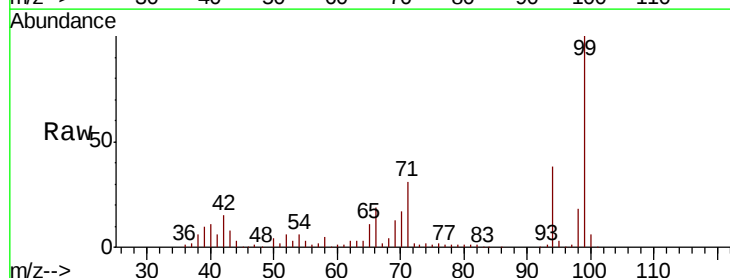
Tgt Ion: 94 Resp: 130224

Ion Ratio Lower Upper

94 100

65 30.5 20.3 60.3

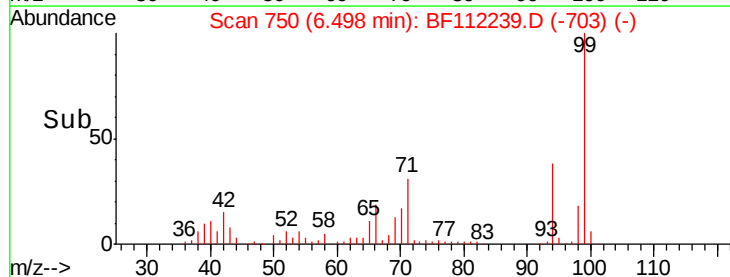
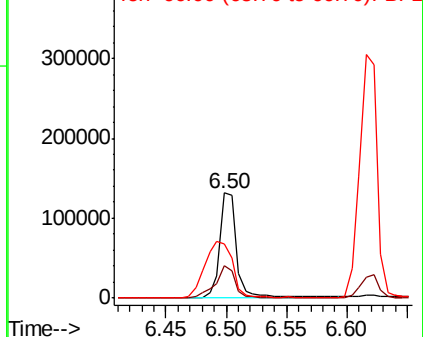
66 51.7 42.4 82.4

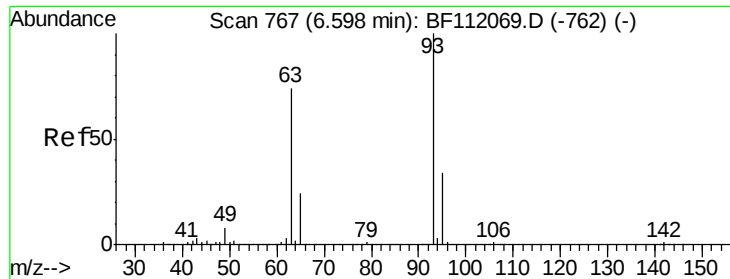


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

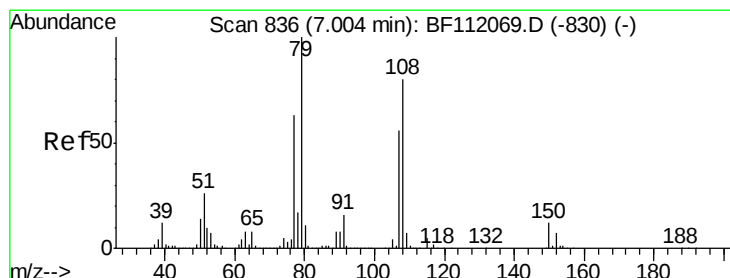
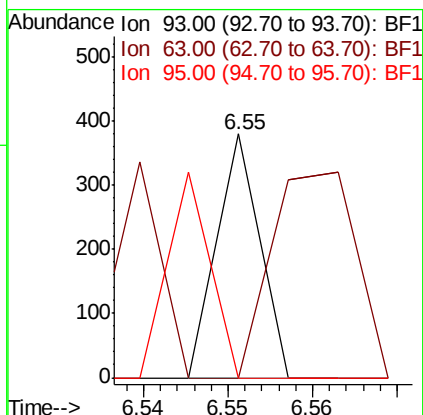
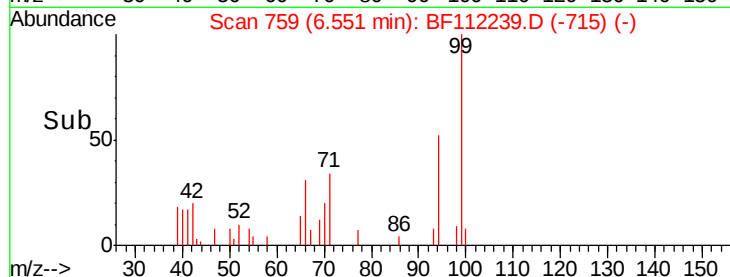
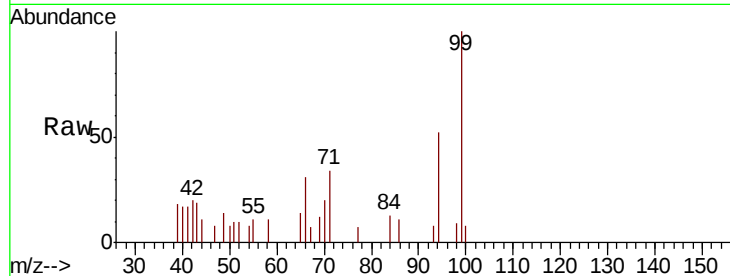




#11
bis(2-Chloroethyl)ether
Concen: 0.012 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

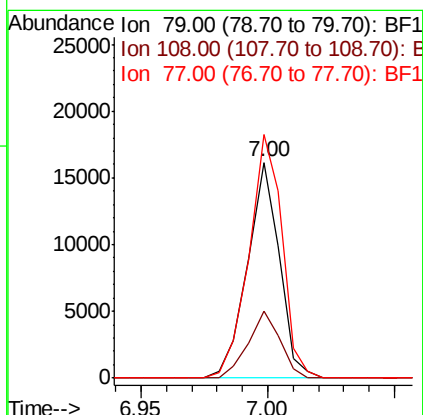
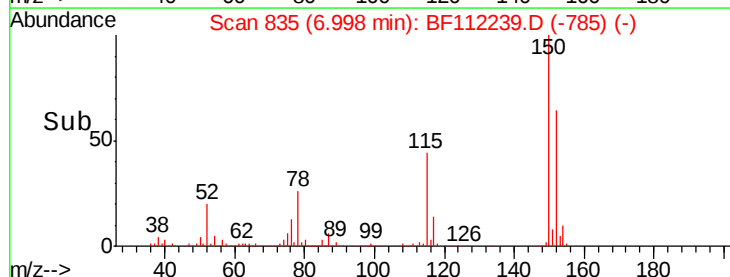
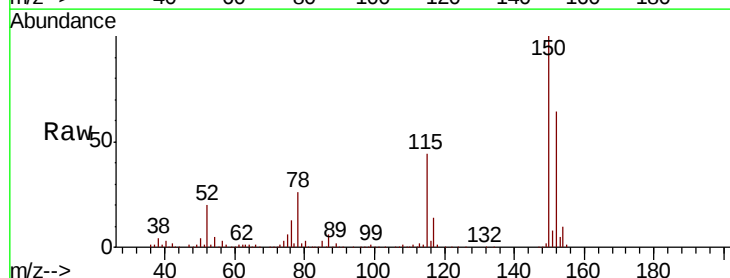
Instrument :
BNA_F
ClientSampleId :
RBR-200029

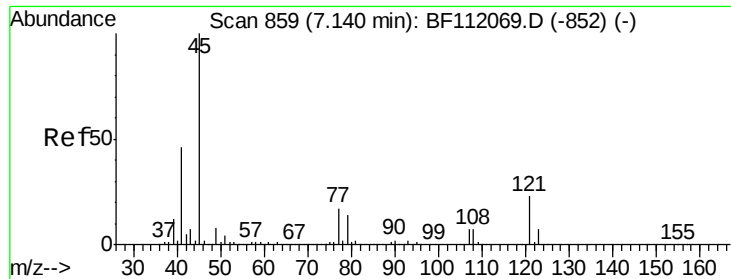
Tgt Ion: 93 Resp: 134
Ion Ratio Lower Upper
93 100
63 0.0 53.3 93.3#
95 0.0 13.4 53.4#



#15
Benzyl Alcohol
Concen: 1.313 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion: 79 Resp: 14258
Ion Ratio Lower Upper
79 100
108 31.3 64.2 96.2#
77 112.9 50.3 75.5#

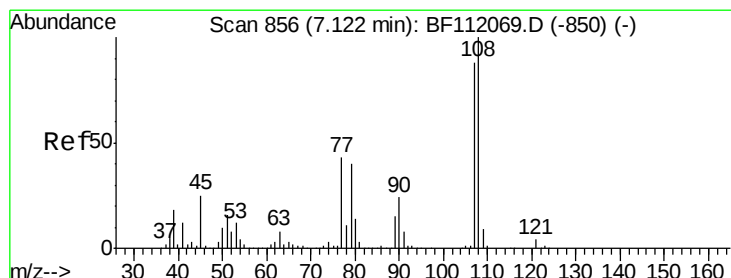
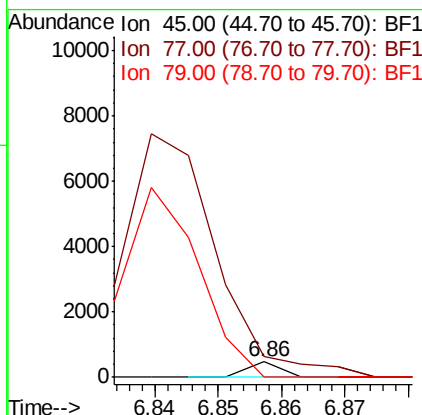
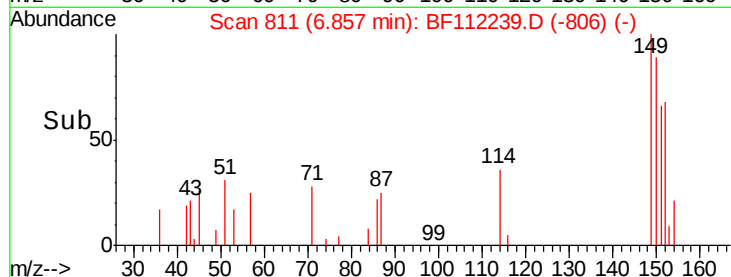
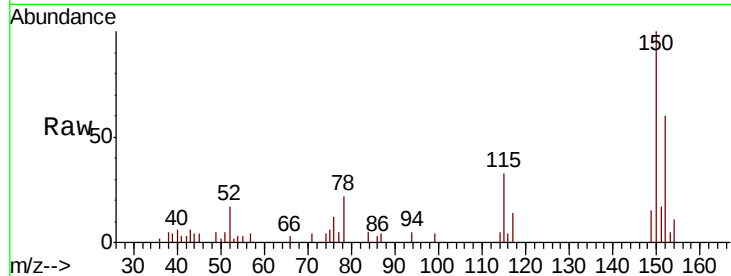




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.012 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.27 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

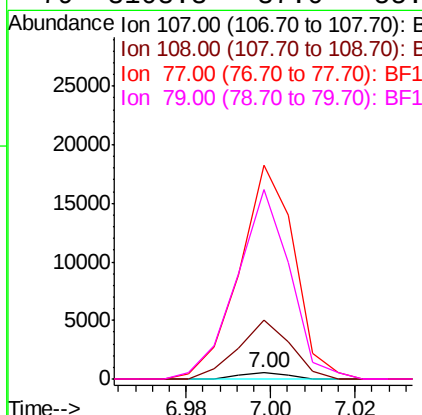
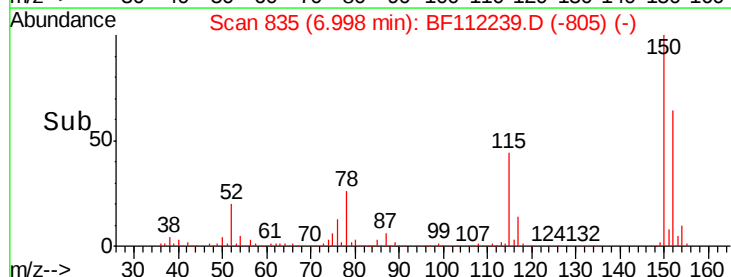
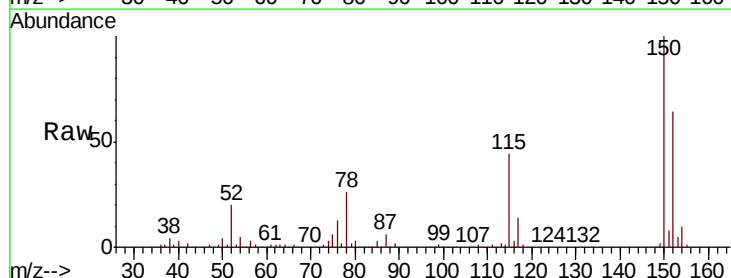
Instrument :
BNA_F
ClientSampleId :
RBR-200029

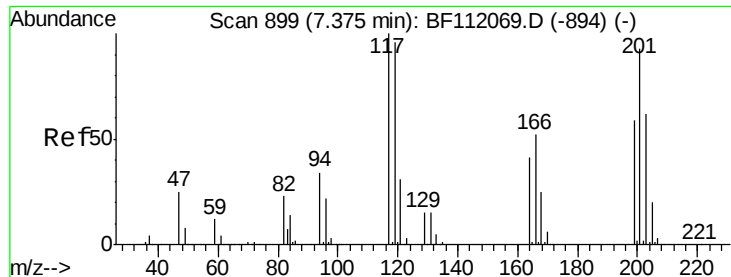
Tgt Ion: 45 Resp: 166
Ion Ratio Lower Upper
45 100
77 132.8 0.0 36.9#
79 0.0 0.0 34.0



#17
2-Methylphenol
Concen: 0.045 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.12 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion: 107 Resp: 447
Ion Ratio Lower Upper
107 100
108 972.3 91.3 136.9#
77 3507.7 39.0 58.6#
79 3108.3 37.0 55.4#

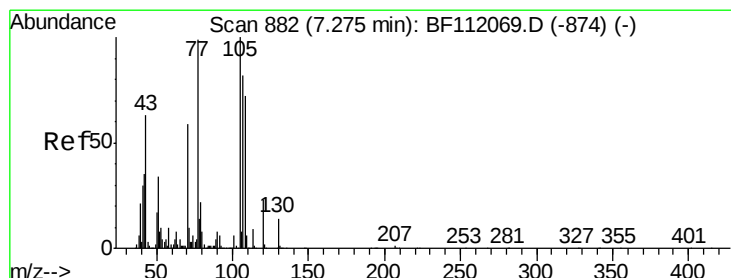
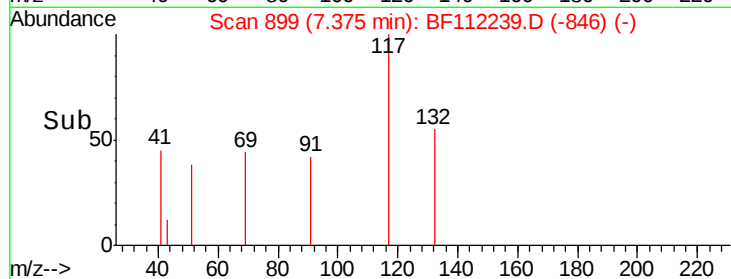
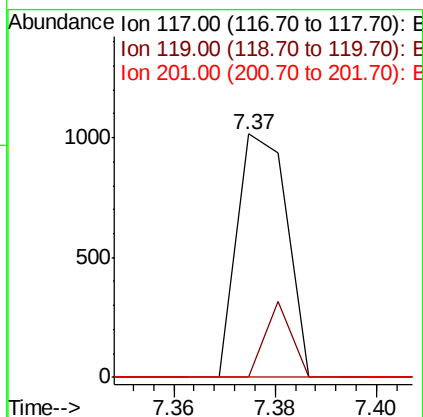
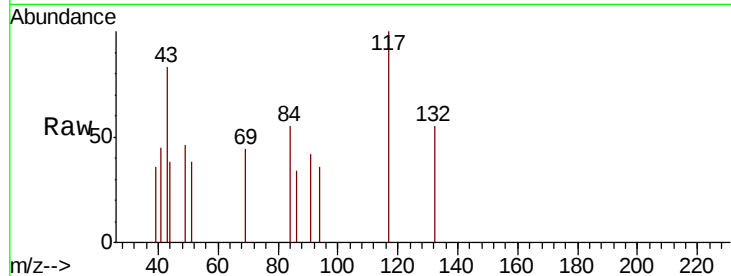




#18
Hexachloroethane
Concen: 0.131 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

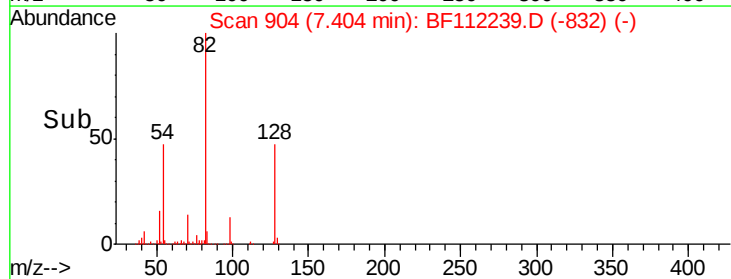
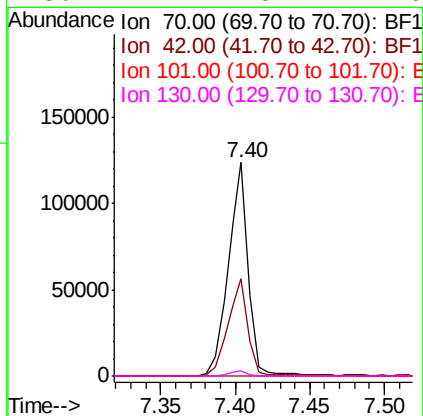
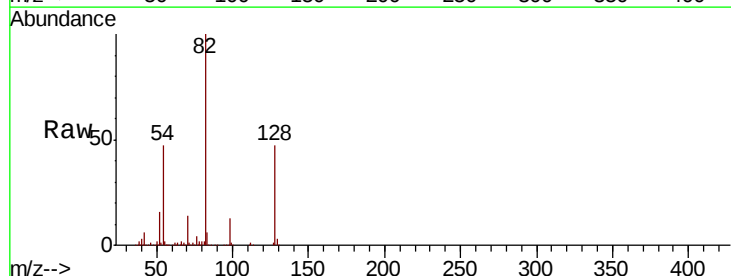
Instrument :
BNA_F
ClientSampled :
RBR-200029

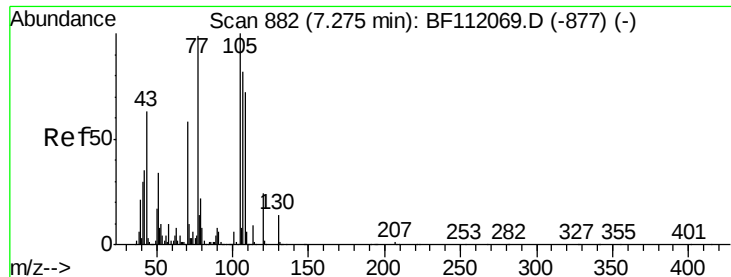
Tgt Ion: 117 Resp: 690
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.4#
201 0.0 74.1 111.1#



#19
n-Nitroso-di-n-propylamine
Concen: 13.124 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion: 70 Resp: 116573
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 7.9 11.9#
130 2.4 18.4 27.6#





#20

3+4-Methylphenols

Concen: 0.042 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

Tgt Ion:107 Resp: 525

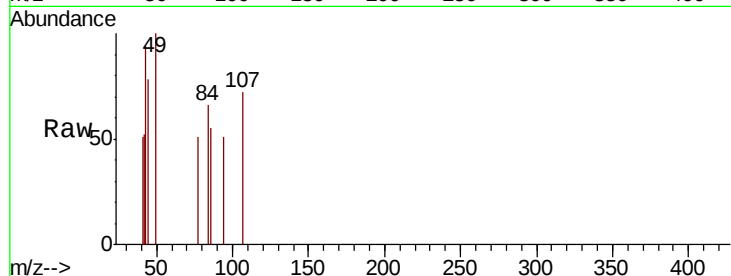
Ion Ratio Lower Upper

107 100

108 0.0 68.2 108.2#

77 71.1 100.7 140.7#

79 0.0 7.3 47.3#

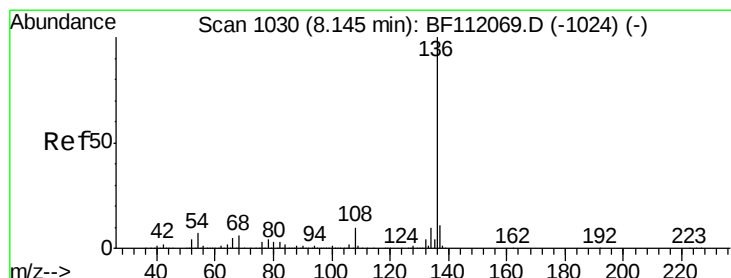
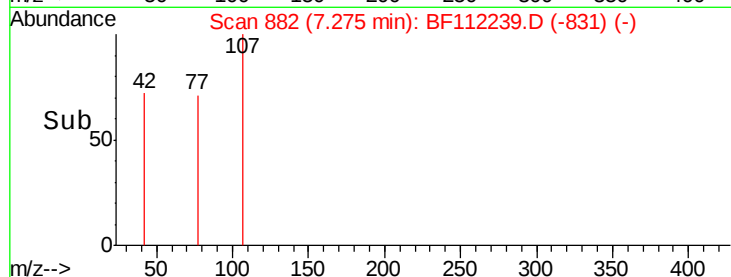
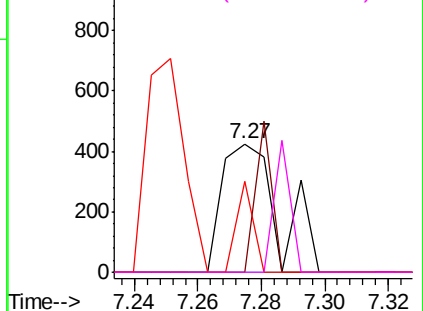


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Tgt Ion:136 Resp: 705670

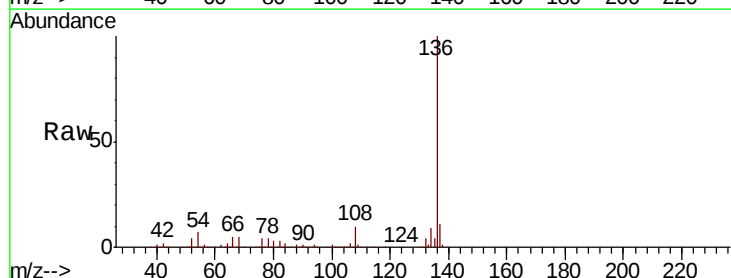
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.8 5.9 8.9

68 5.3 5.1 7.7

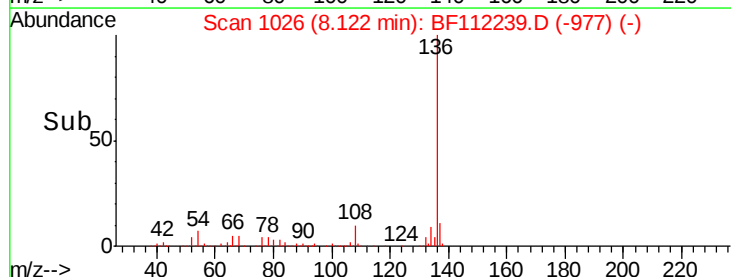
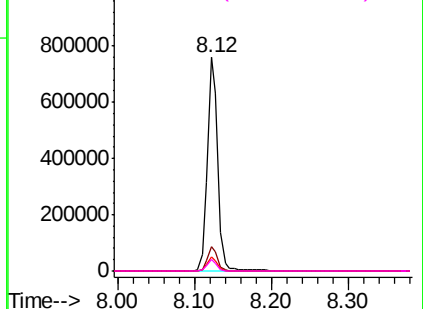


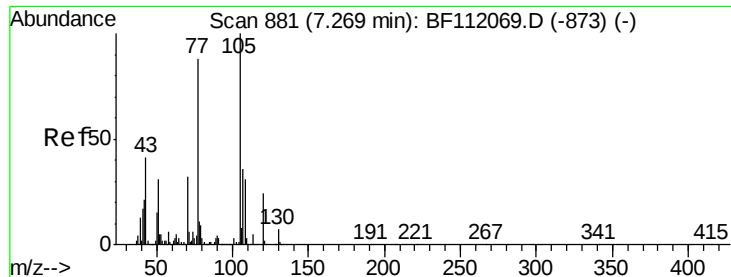
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.051 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

Tgt Ion: 105 Resp: 881

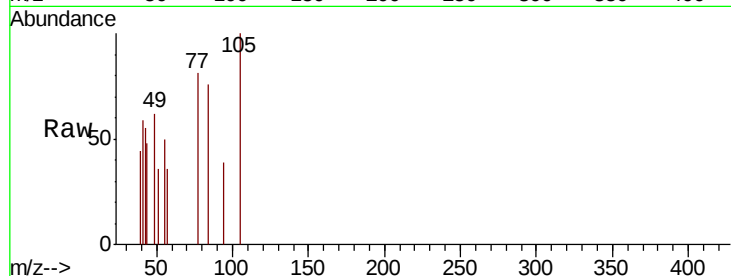
Ion Ratio Lower Upper

105 100

71 0.0 4.6 6.8#

51 36.0 25.0 37.6

120 0.0 19.0 28.4#

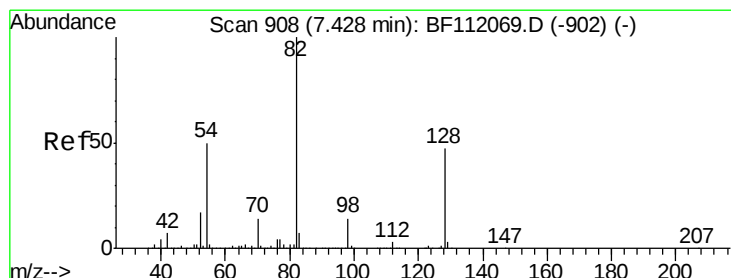
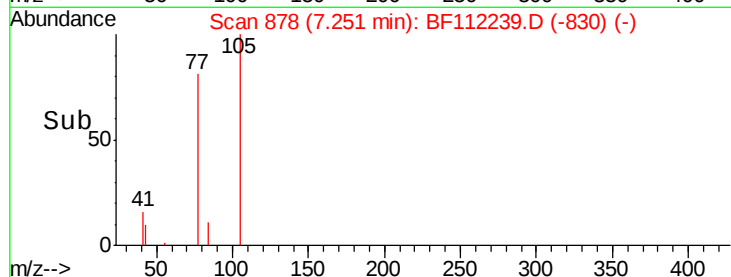
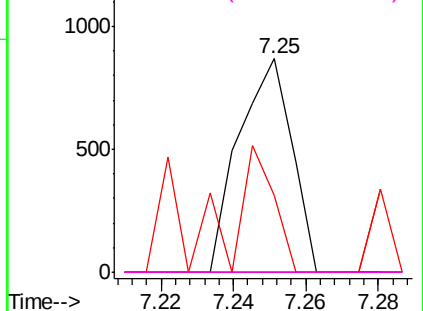


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 70.427 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

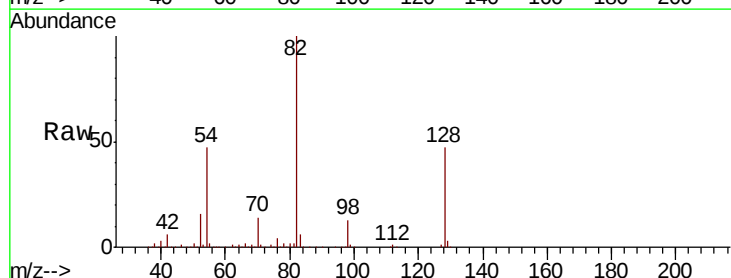
Tgt Ion: 82 Resp: 862516

Ion Ratio Lower Upper

82 100

128 46.7 37.8 56.8

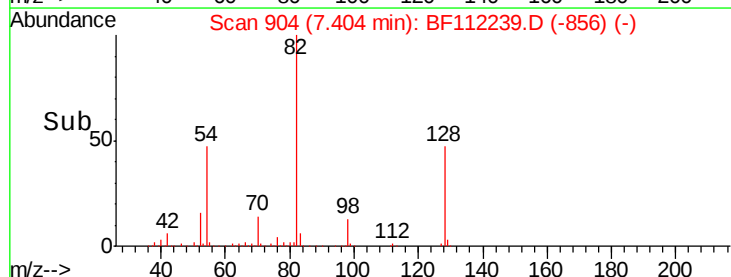
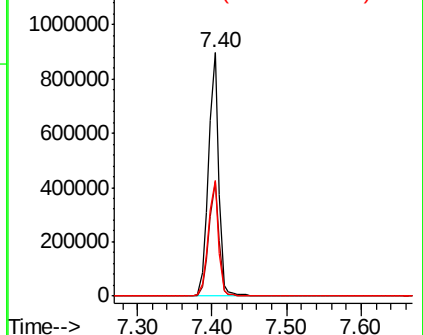
54 47.3 39.7 59.5

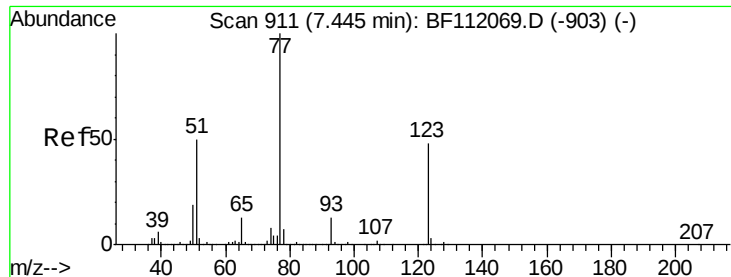


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.246 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.04 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

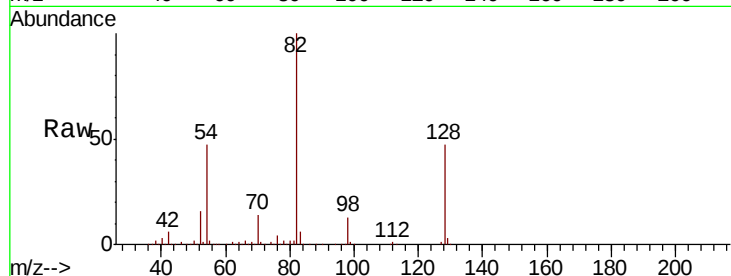
Tgt Ion: 77 Resp: 3008

Ion Ratio Lower Upper

77 100

123 0.0 38.4 57.6#

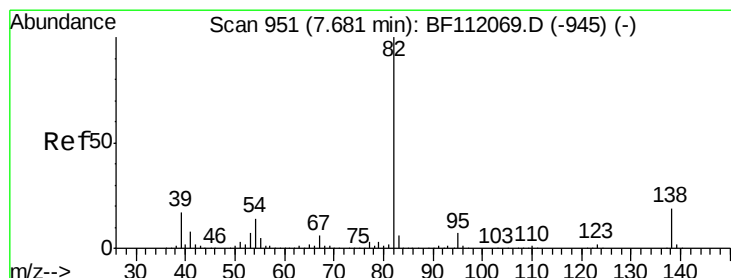
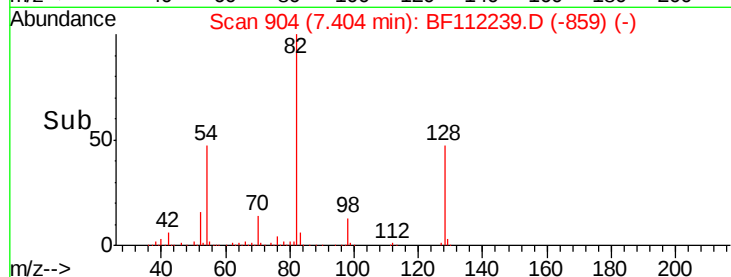
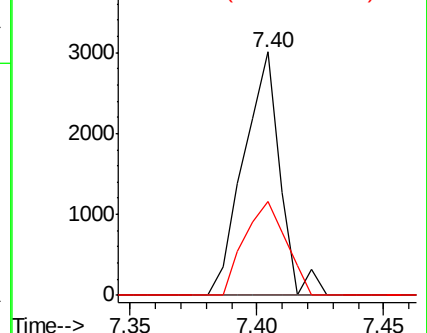
65 38.3 10.6 15.8#



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: 44.349 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

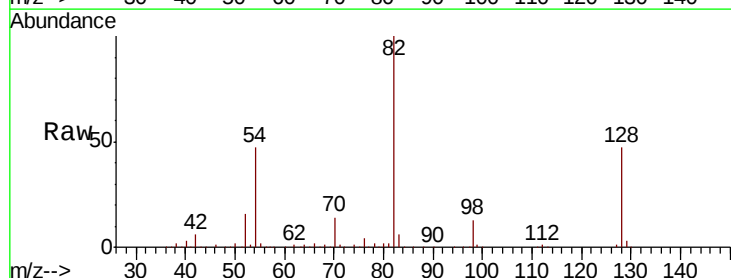
Tgt Ion: 82 Resp: 852077

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

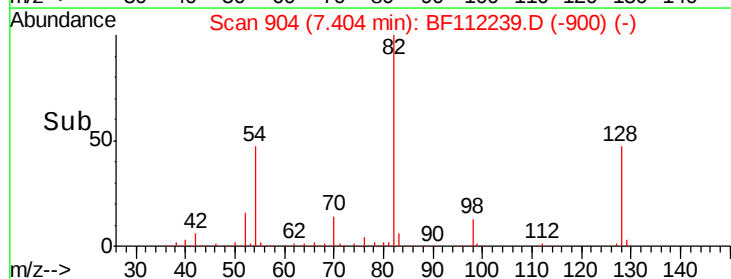
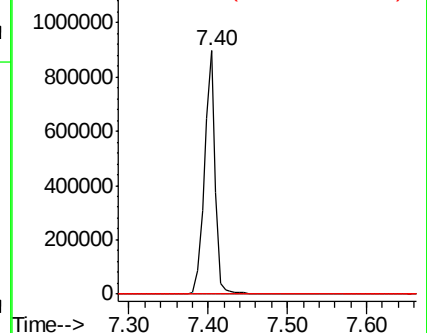
138 0.0 15.4 23.0#

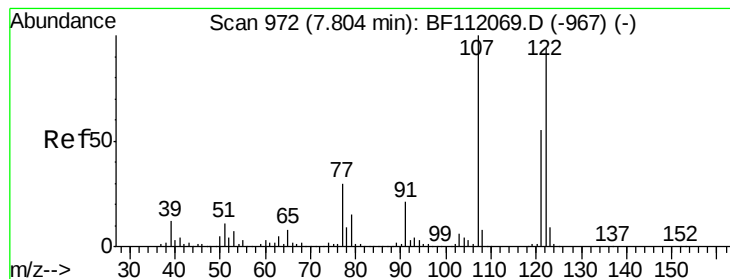


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.028 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.08 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

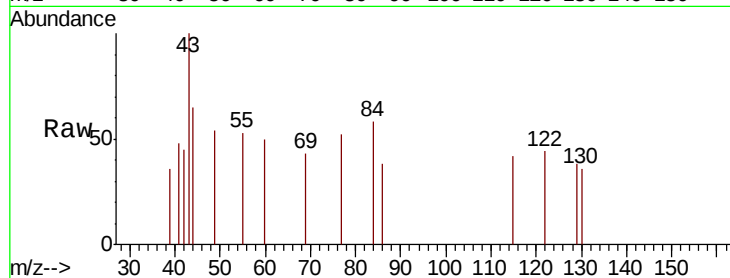
Tgt Ion: 122 Resp: 250

Ion Ratio Lower Upper

122 100

107 0.0 85.4 128.0#

121 0.0 47.0 70.4#



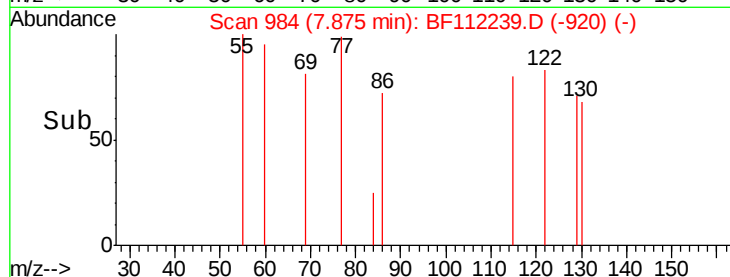
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

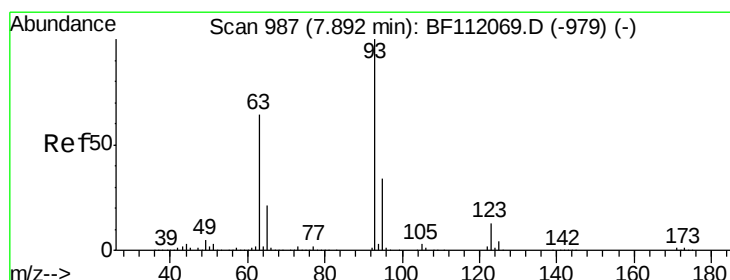
Ion 121.00 (120.70 to 121.70): E

7.87

Time-->



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.009 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.05 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

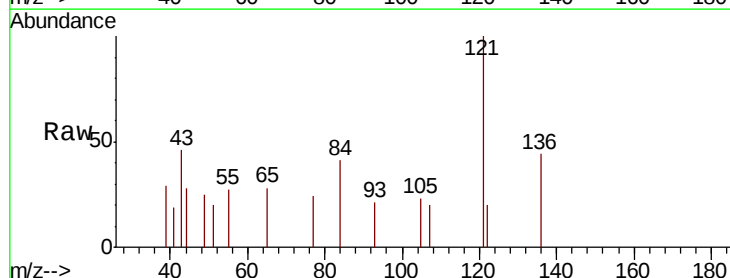
Tgt Ion: 93 Resp: 120

Ion Ratio Lower Upper

93 100

95 0.0 26.8 40.2#

123 0.0 10.2 15.2#



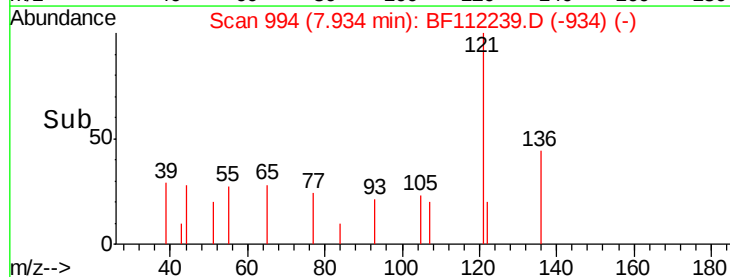
Abundance Ion 93.00 (92.70 to 93.70): BF1

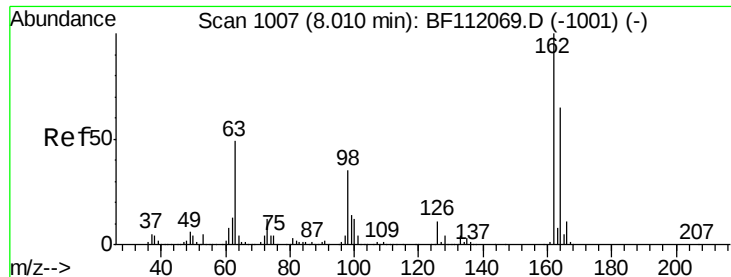
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

7.93

Time-->

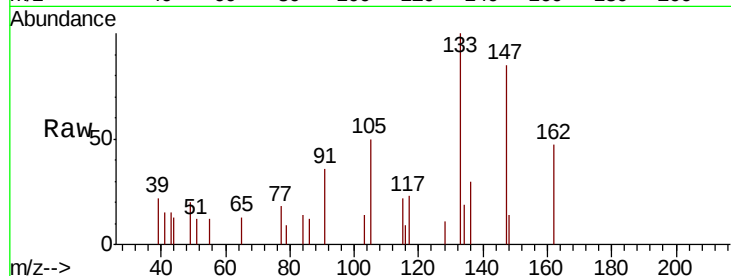




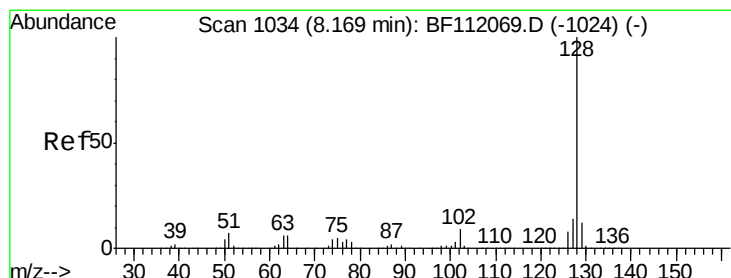
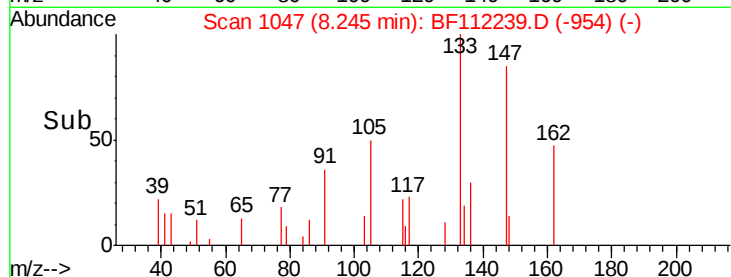
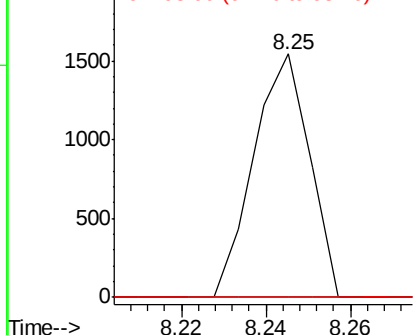
#29
2,4-Dichlorophenol
Concen: 0.141 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.25 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:162 Resp: 1417
Ion Ratio Lower Upper
162 100
164 0.0 44.6 84.6#
98 0.0 14.6 54.6#

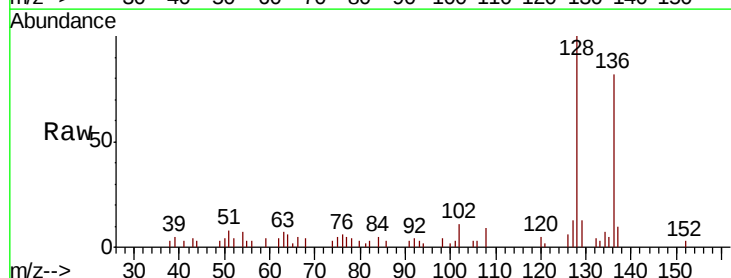


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

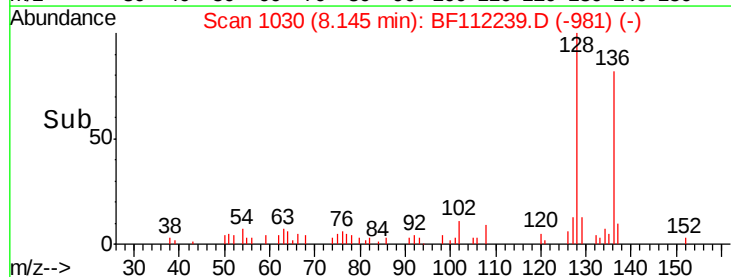
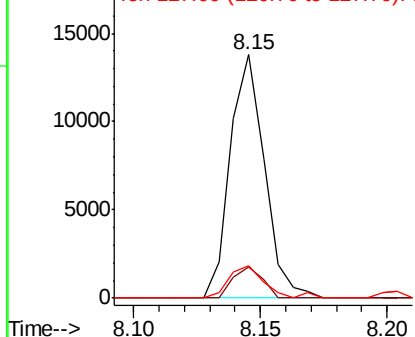


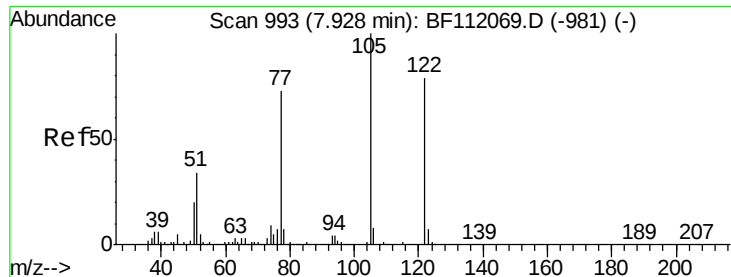
#31
Naphthalene
Concen: 0.393 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion:128 Resp: 12962
Ion Ratio Lower Upper
128 100
129 12.6 9.6 14.4
127 13.4 11.1 16.7



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

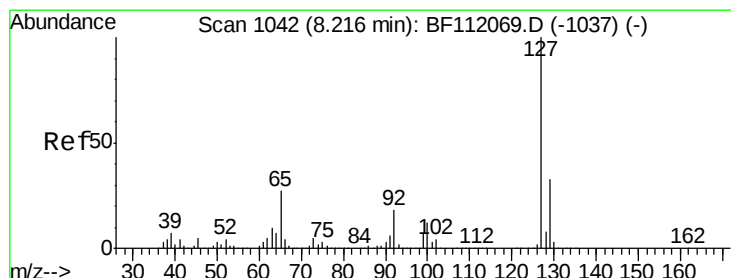
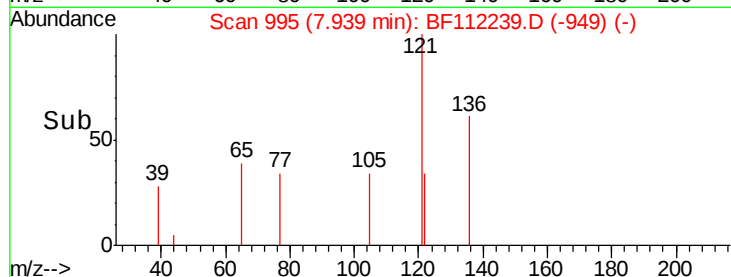
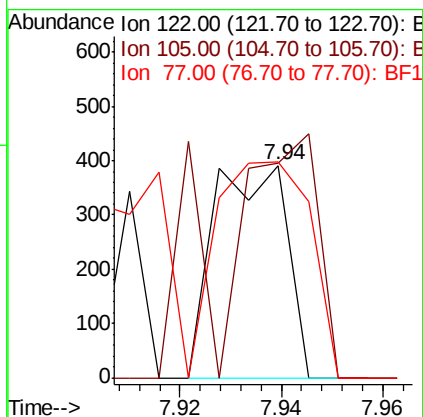
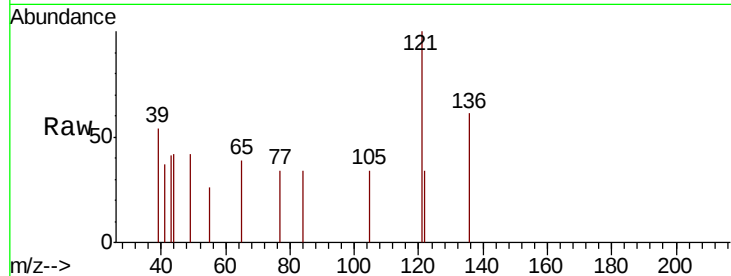




#32
Benzoic acid
Concen: 0.076 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

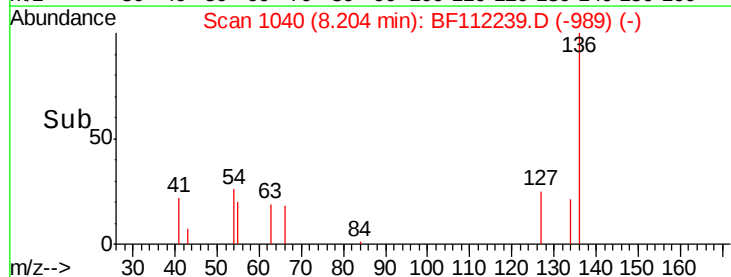
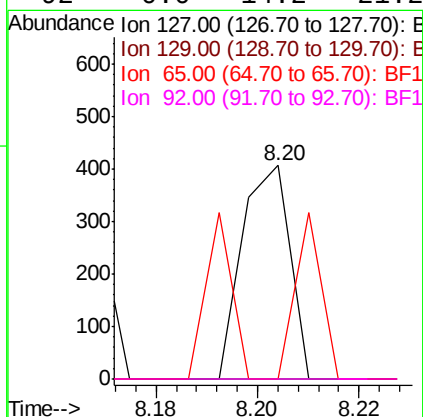
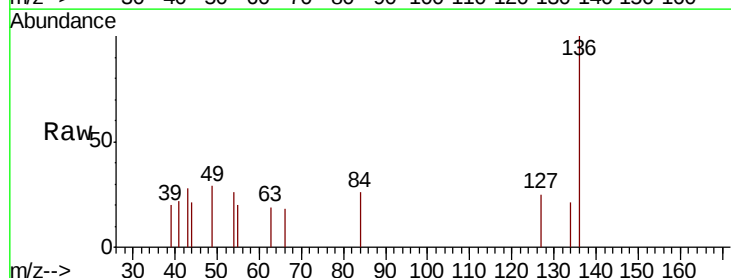
Instrument :
BNA_F
ClientSampleId :
RBR-200029

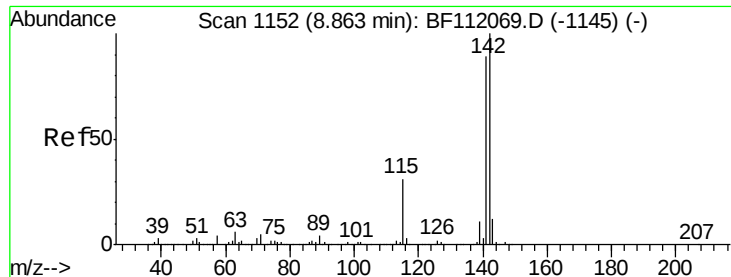
Tgt Ion:122 Resp: 389
Ion Ratio Lower Upper
122 100
105 101.3 101.2 141.2
77 101.5 70.4 110.4



#33
4-Chloroaniline
Concen: 0.019 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion:127 Resp: 266
Ion Ratio Lower Upper
127 100
129 0.0 26.6 39.8#
65 0.0 21.4 32.2#
92 0.0 14.2 21.2#

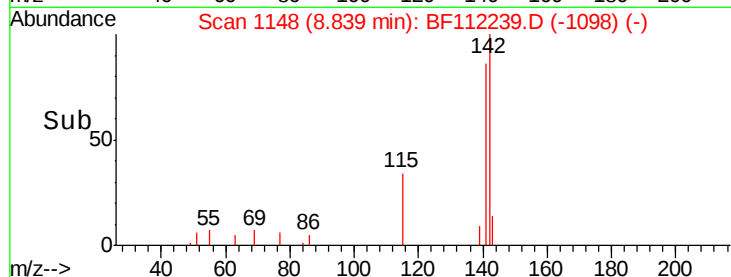
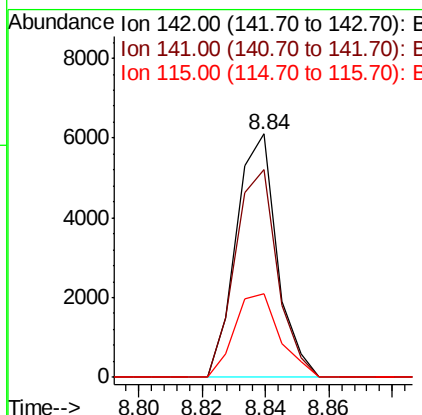
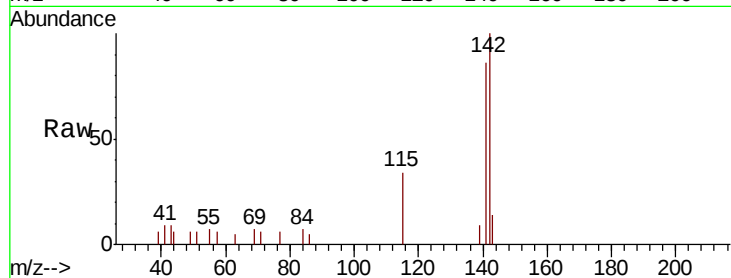




#37
 2-Methylnaphthalene
 Concen: 0.241 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

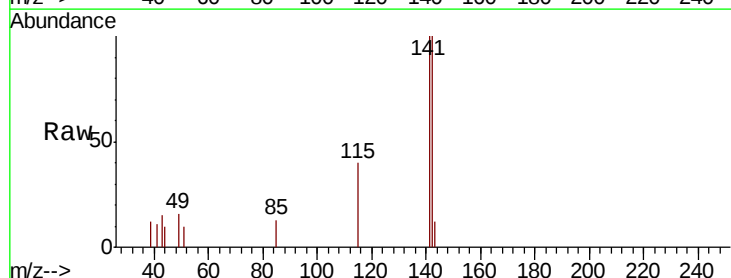
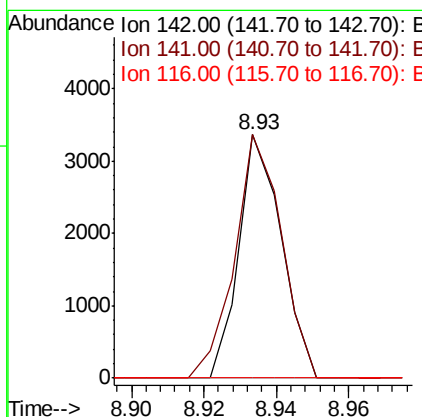
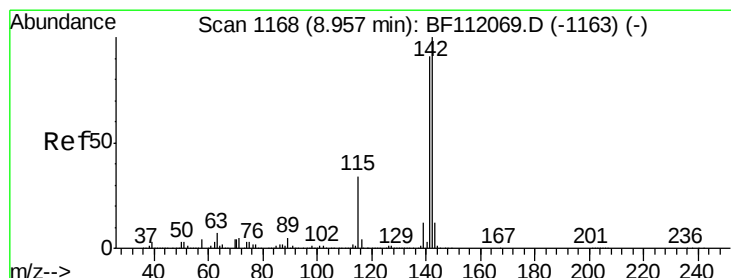
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

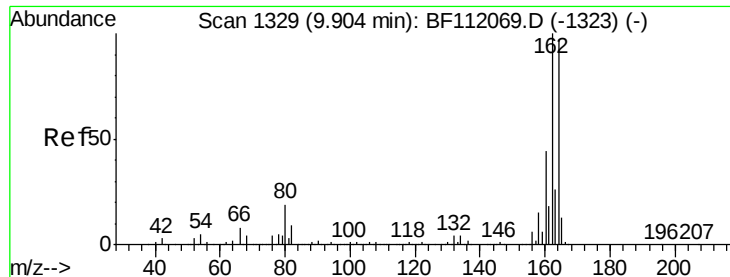
Tgt Ion:142 Resp: 5435
 Ion Ratio Lower Upper
 142 100
 141 85.5 70.9 106.3
 115 34.2 24.9 37.3



#38
 1-Methylnaphthalene
 Concen: 0.128 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

Tgt Ion:142 Resp: 2762
 Ion Ratio Lower Upper
 142 100
 141 100.1 72.6 108.8
 116 0.0 2.8 4.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

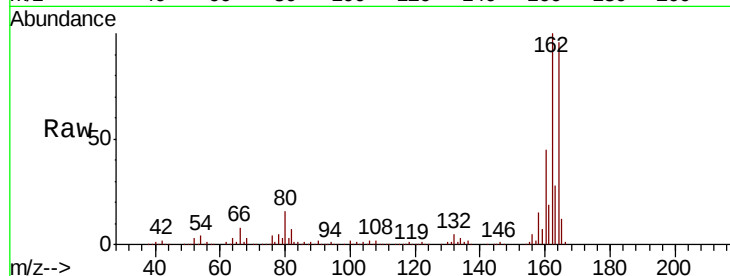
Tgt Ion:164 Resp: 280743

Ion Ratio Lower Upper

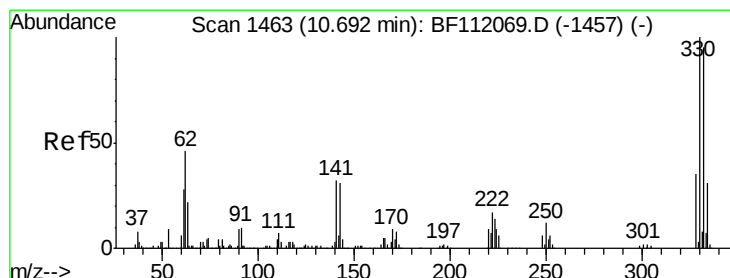
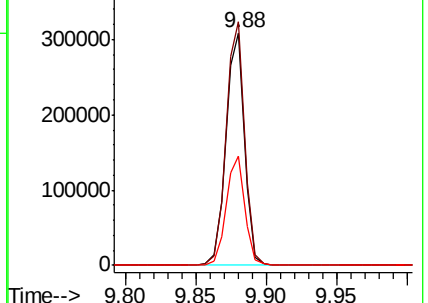
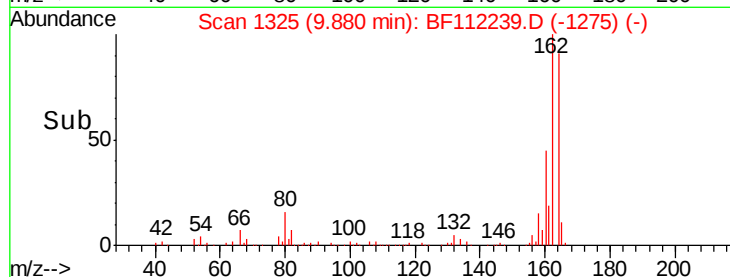
164 100

162 104.6 82.2 123.4

160 47.1 36.2 54.4



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



#42

2,4,6-Tribromophenol

Concen: 113.139 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

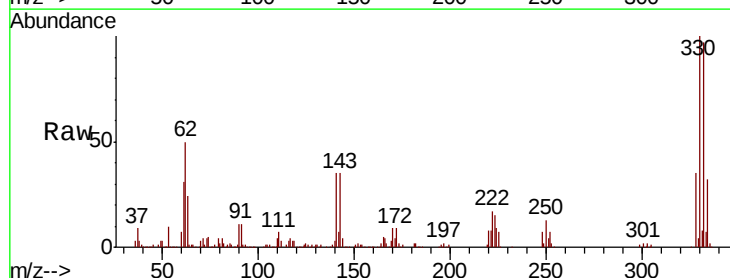
Tgt Ion:330 Resp: 369713

Ion Ratio Lower Upper

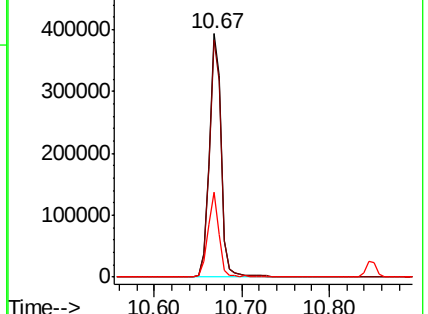
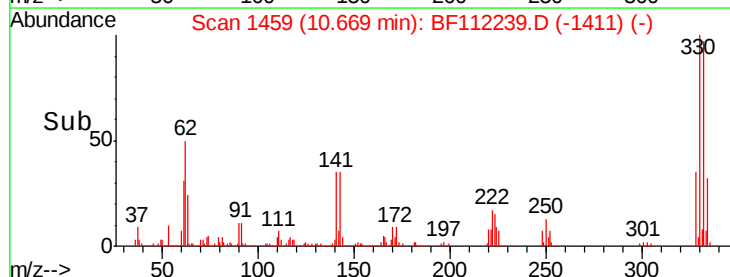
330 100

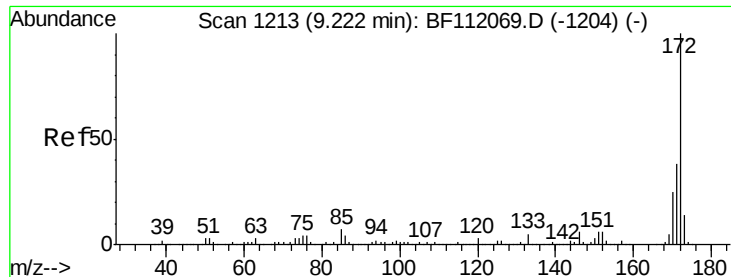
332 97.1 76.6 114.8

141 33.2 24.3 36.5



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

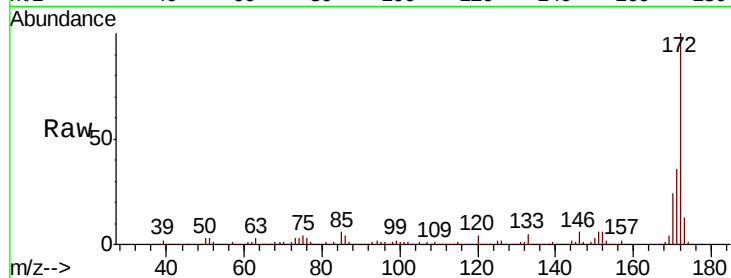




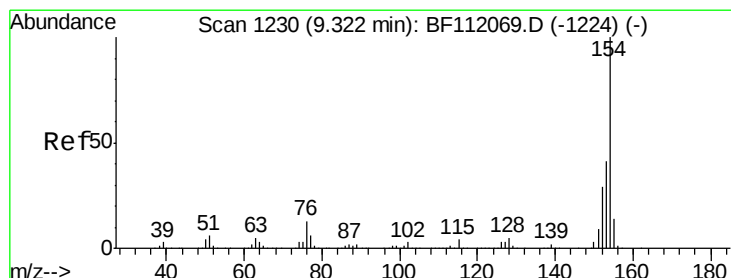
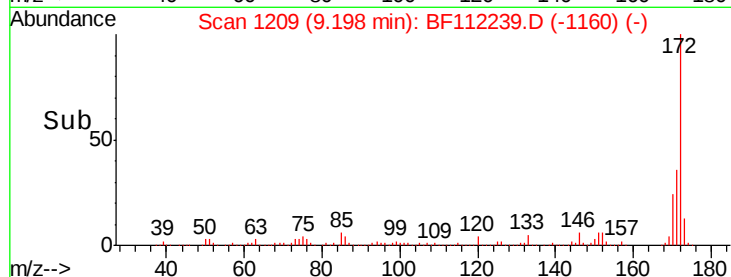
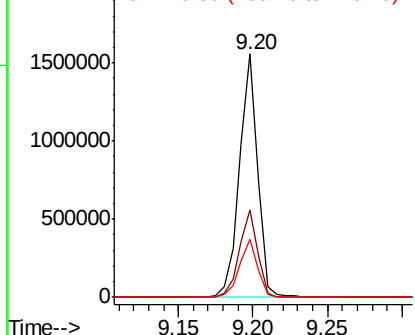
#45
2-Fluorobiphenyl
Concen: 67.086 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:172 Resp: 1331640
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 24.1 20.2 30.4

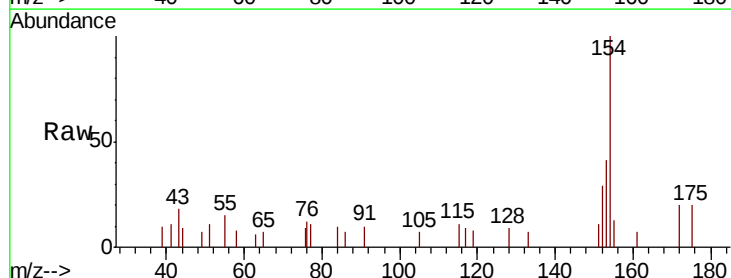


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

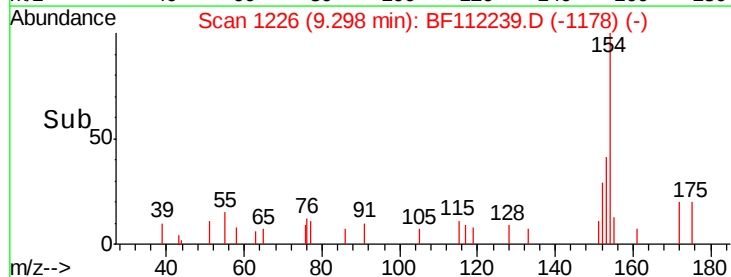
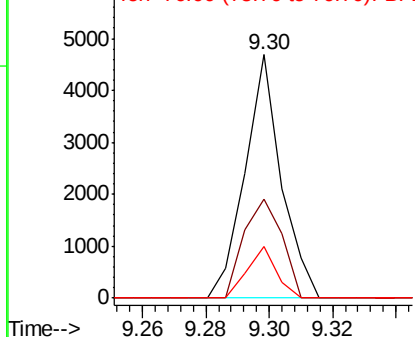


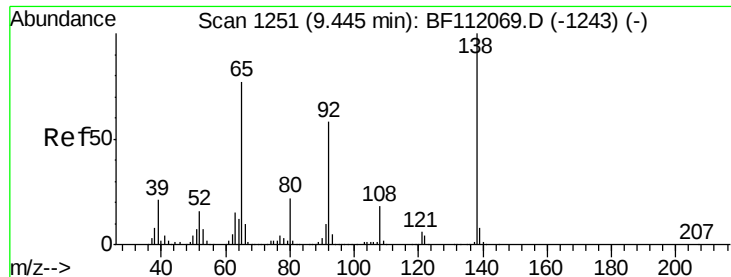
#46
1,1'-Biphenyl
Concen: 0.152 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion:154 Resp: 3721
Ion Ratio Lower Upper
154 100
153 40.8 21.5 61.5
76 21.0 0.0 33.1



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

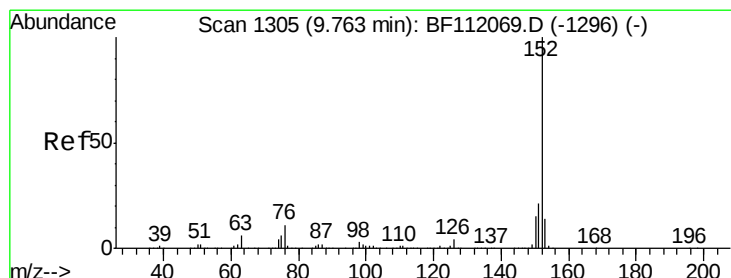
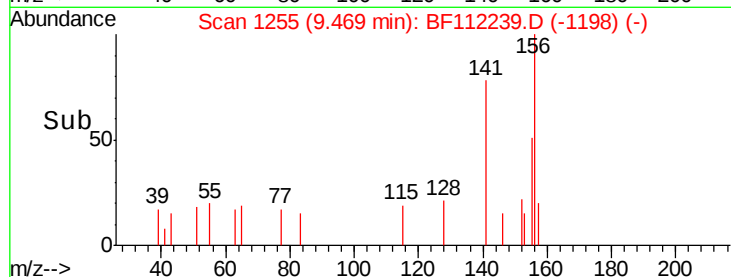
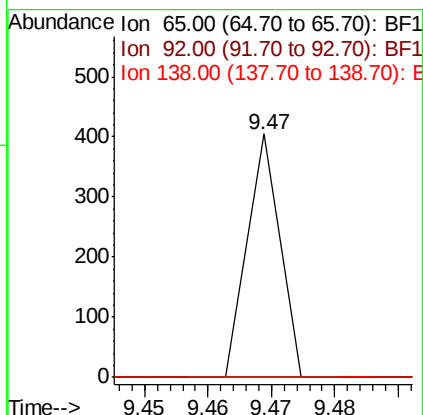
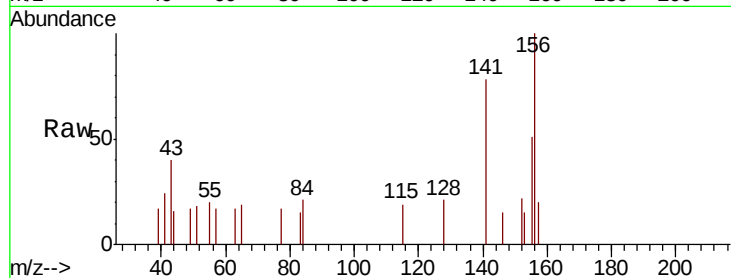




#48
2-Nitroaniline
Concen: 0.028 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.04 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

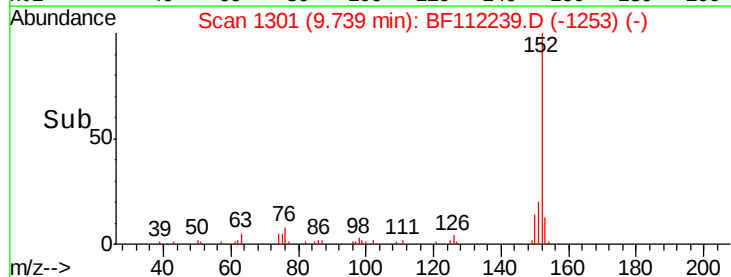
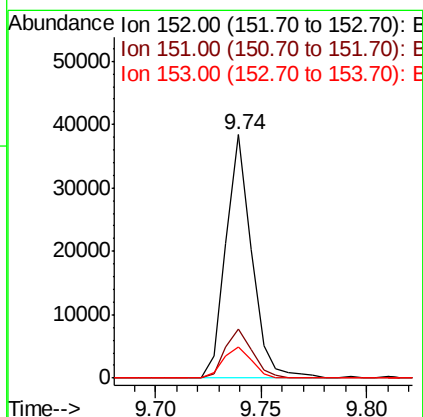
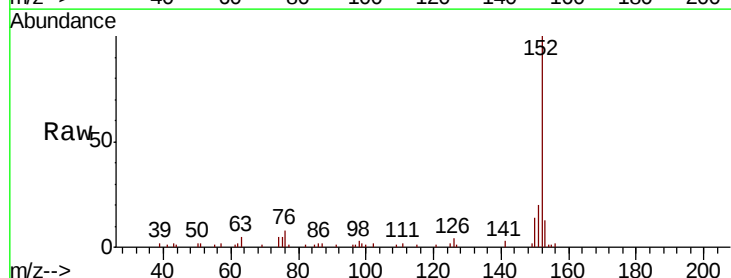
Instrument :
BNA_F
ClientSampleId :
RBR-200029

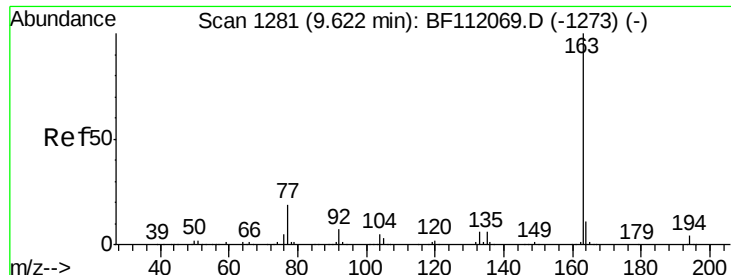
Tgt Ion: 65 Resp: 143
Ion Ratio Lower Upper
65 100
92 0.0 60.4 90.6#
138 0.0 104.4 156.6#



#49
Acenaphthylene
Concen: 1.165 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion: 152 Resp: 32493
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.6
153 13.0 11.2 16.8

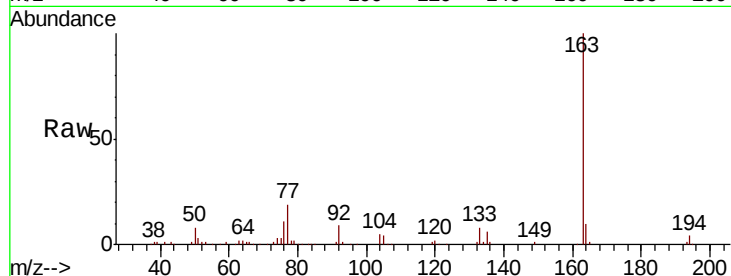




#50
Dimethylphthalate
Concen: 5.803 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.3	8.5	12.7

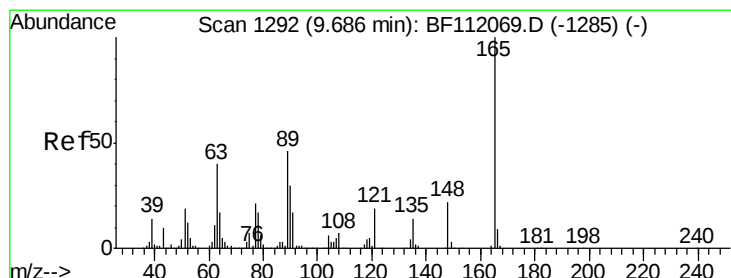
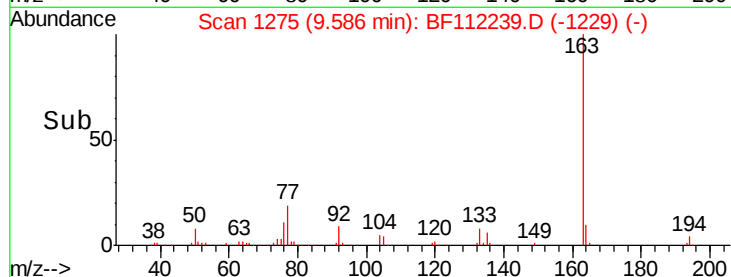
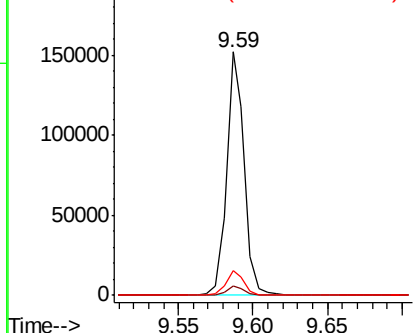


Abundance

Ion 163.00 (162.70 to 163.70): E

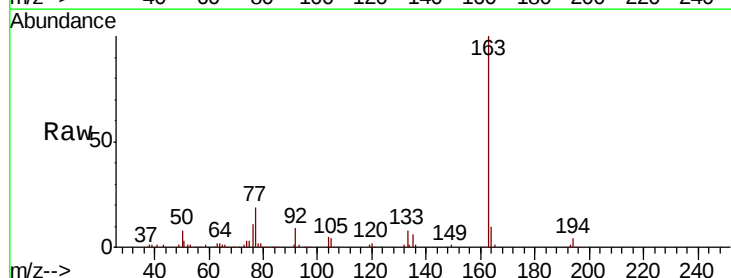
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 0.318 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.09 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	132.8	33.8	50.8#
89	0.0	36.9	55.3#

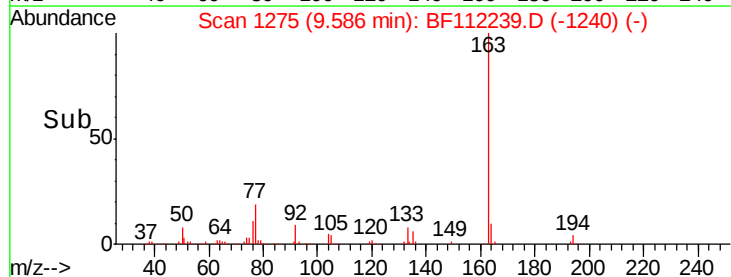
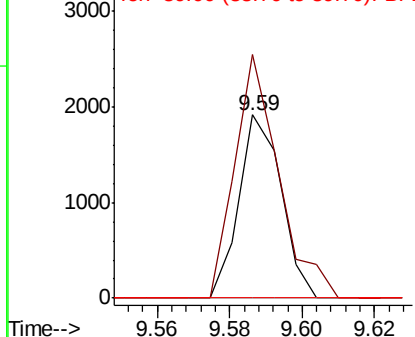


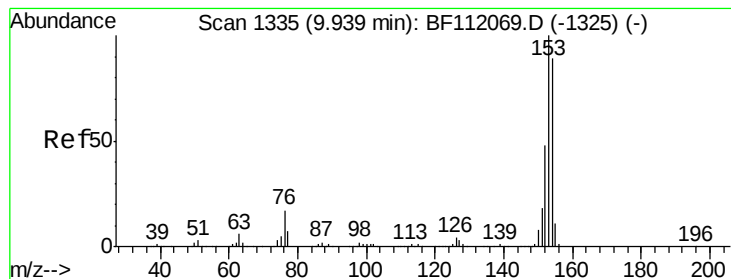
Abundance

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: 0.479 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

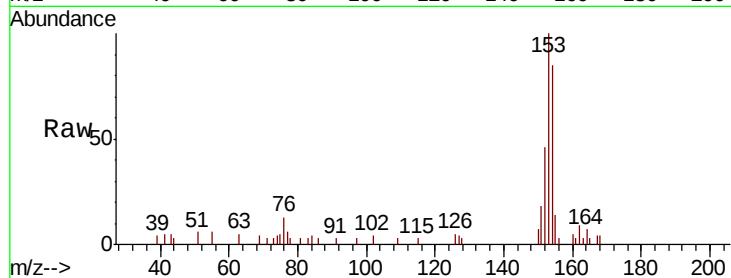
Tgt Ion:154 Resp: 7987

Ion Ratio Lower Upper

154 100

153 117.1 89.8 134.6

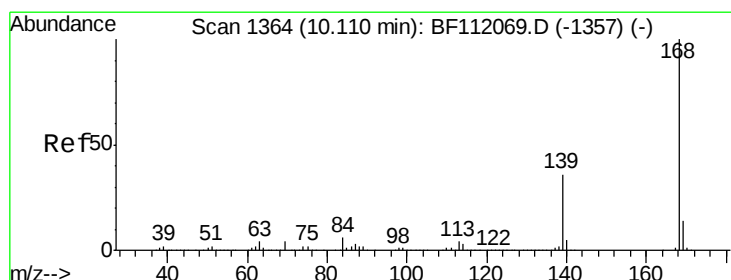
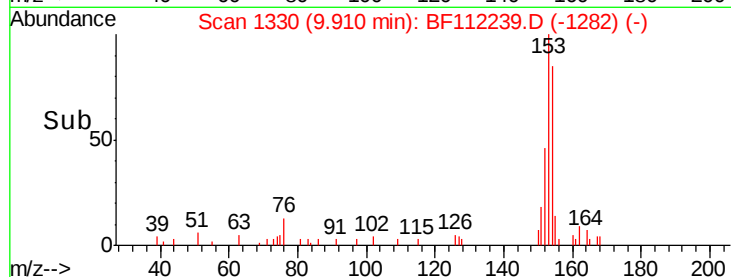
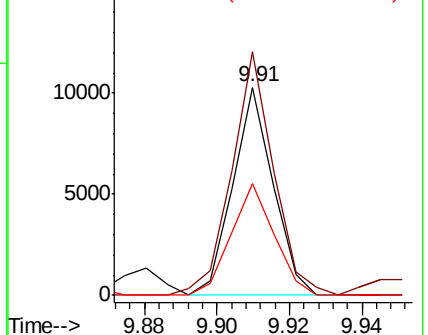
152 53.6 43.5 65.3



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



#55

Dibenzofuran

Concen: 0.269 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

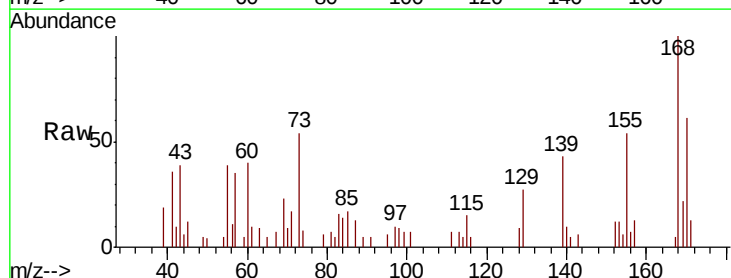
Tgt Ion:168 Resp: 6856

Ion Ratio Lower Upper

168 100

139 42.8 29.2 43.8

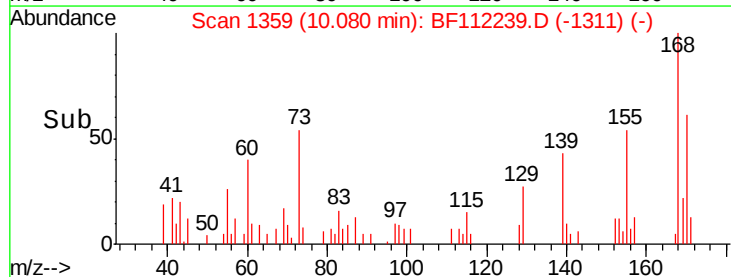
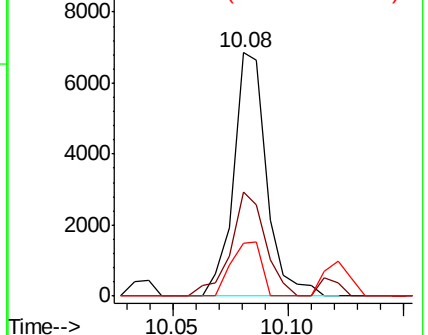
169 21.7 11.4 17.0#

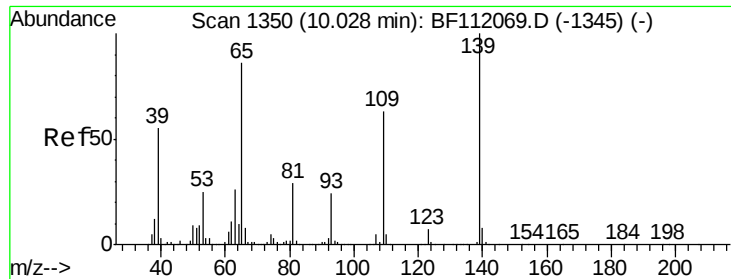


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 1.099 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.05 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

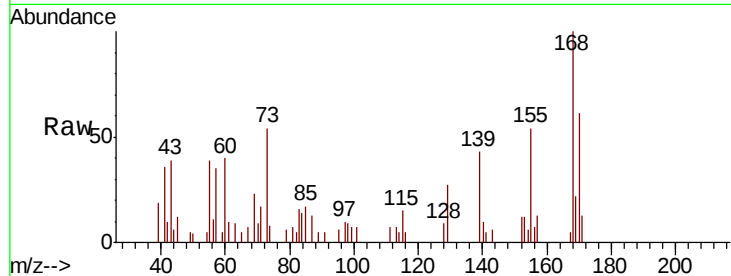
Tgt Ion:139 Resp: 3075

Ion Ratio Lower Upper

139 100

109 0.0 42.8 82.8#

65 11.3 66.1 106.1#

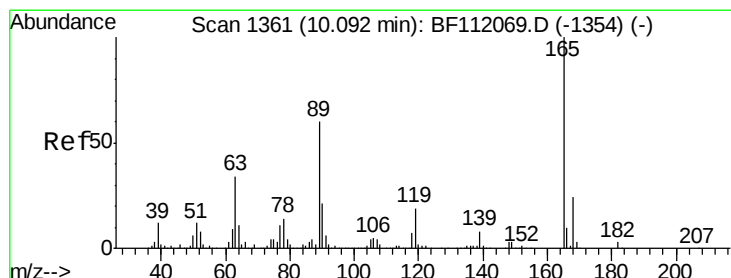
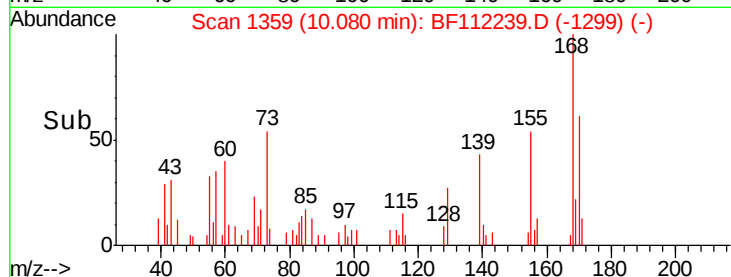
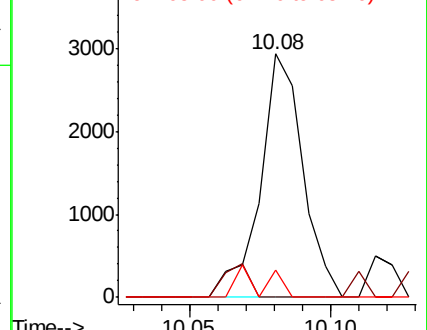


Abundance

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: 6.032 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.21 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Tgt Ion:165 Resp: 37511

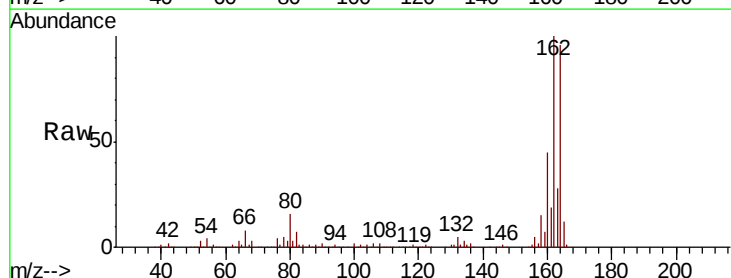
Ion Ratio Lower Upper

165 100

63 1.9 27.9 41.9#

89 1.9 47.9 71.9#

182 0.0 2.2 3.4#



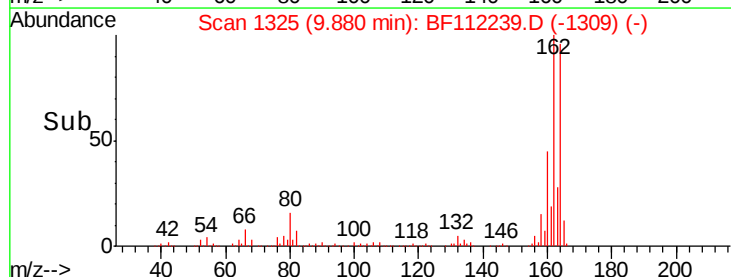
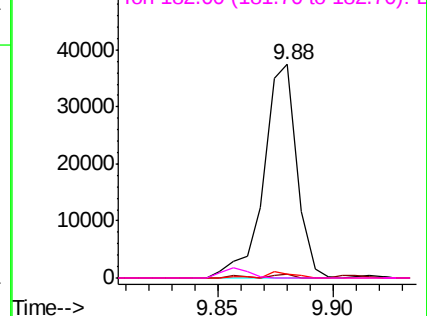
Abundance

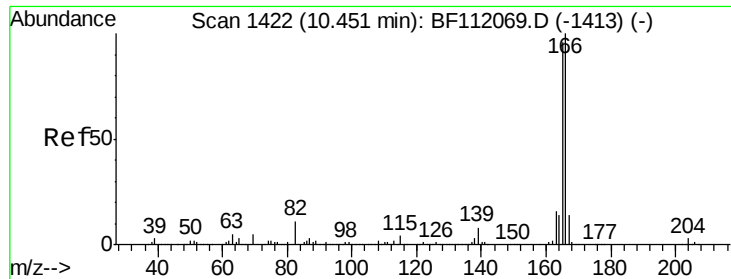
Ion 165.00 (164.70 to 165.70): E

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: 0.885 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

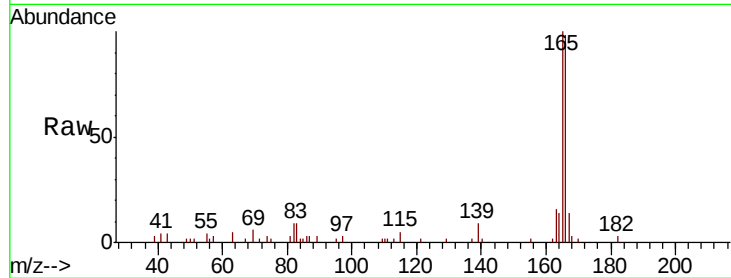
Tgt Ion:166 Resp: 16867

Ion Ratio Lower Upper

166 100

165 102.2 77.1 115.7

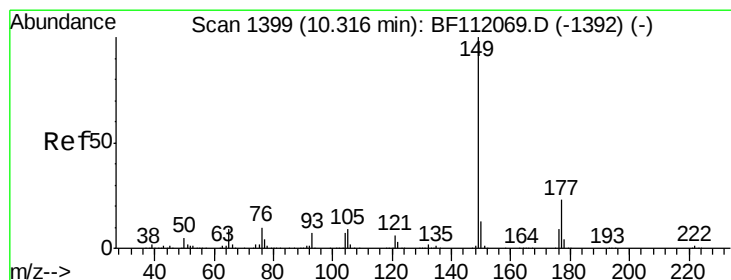
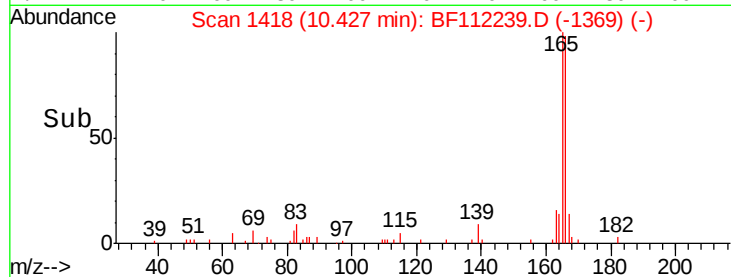
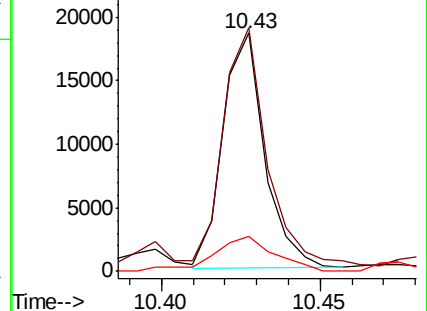
167 14.8 11.3 16.9



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



#60

Diethylphthalate

Concen: 0.063 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

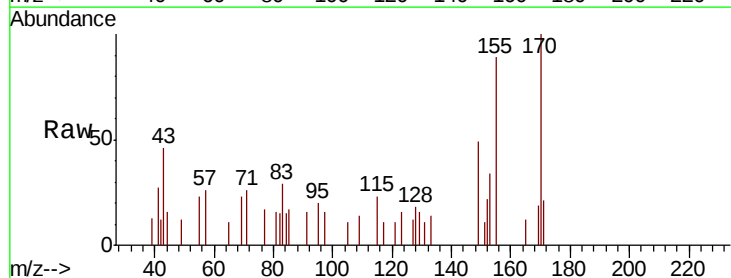
Tgt Ion:149 Resp: 1355

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.2#

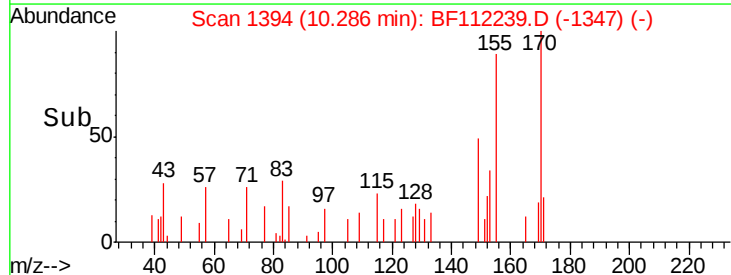
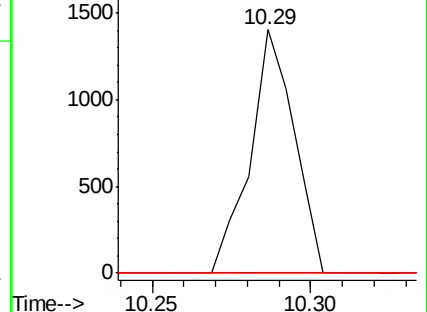
150 0.0 10.4 15.6#

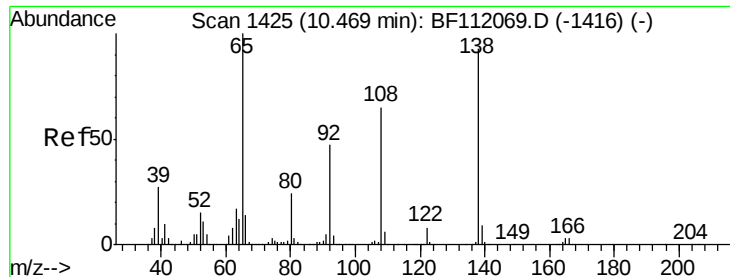


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 0.059 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.05 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

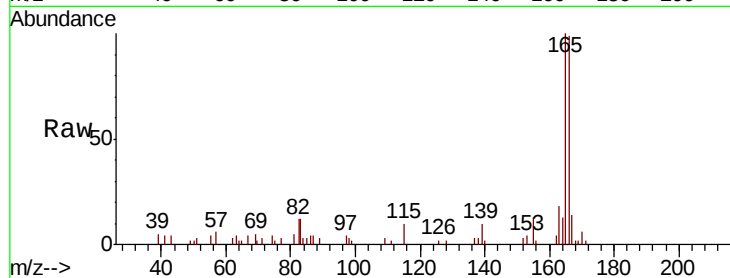
Tgt Ion:138 Resp: 306

Ion Ratio Lower Upper

138 100

92 0.0 30.6 70.6#

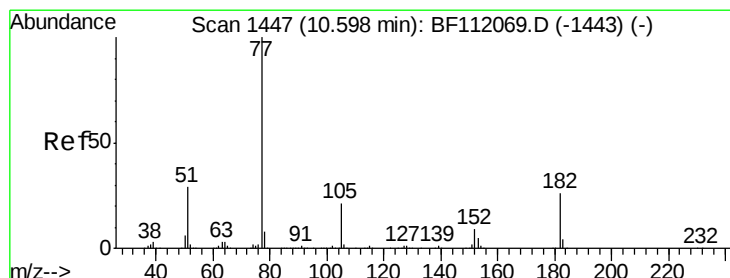
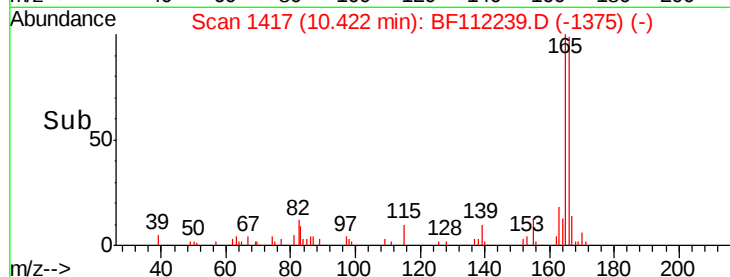
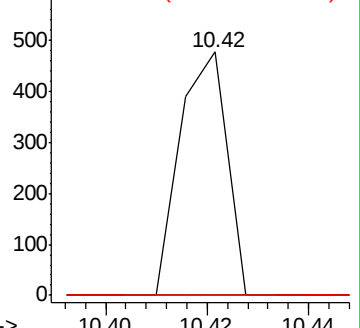
108 0.0 50.0 90.0#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.048 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Tgt Ion: 77 Resp: 919

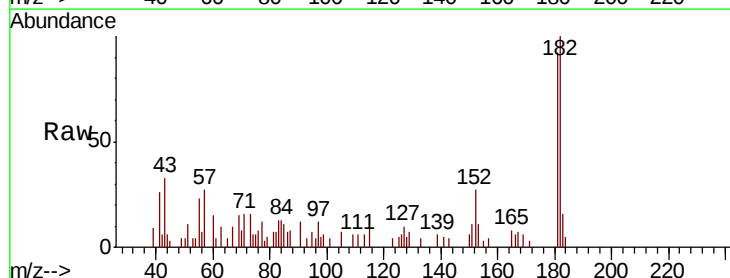
Ion Ratio Lower Upper

77 100

182 838.4 5.7 45.7#

105 62.6 1.4 41.4#

51 92.4 9.5 49.5#

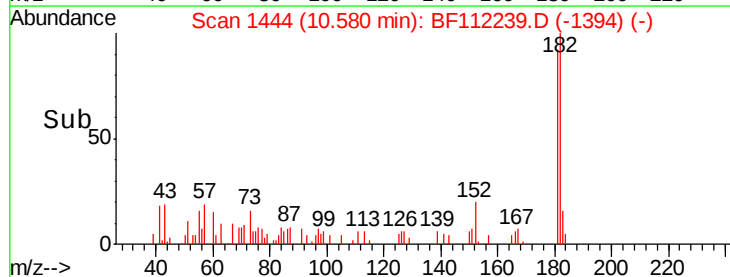
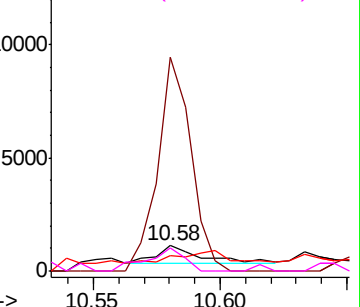


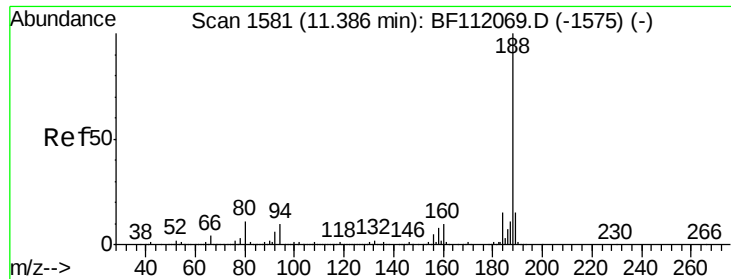
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

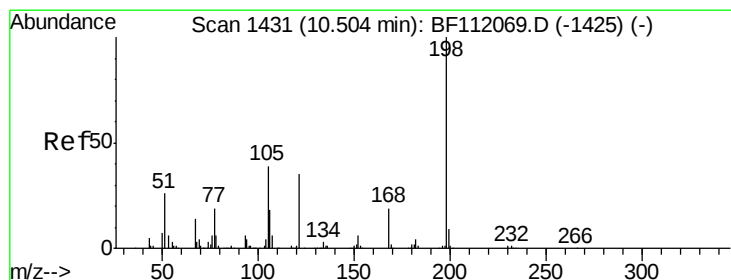
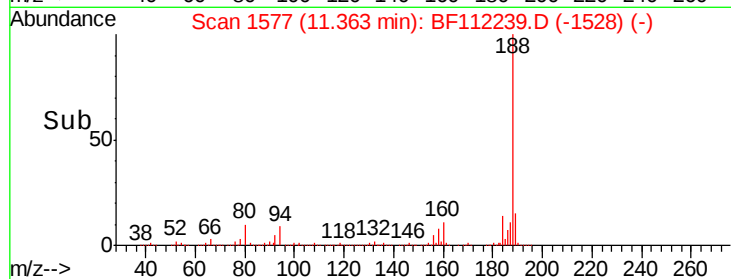
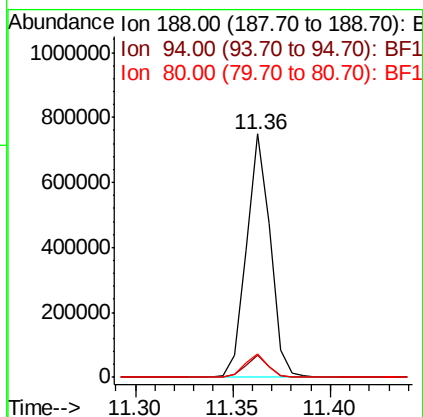
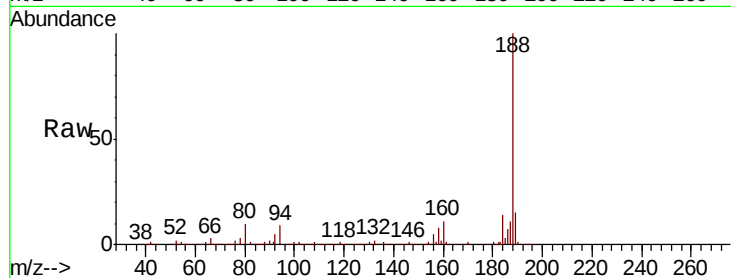




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

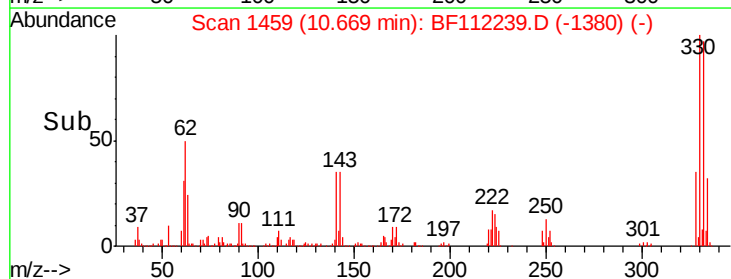
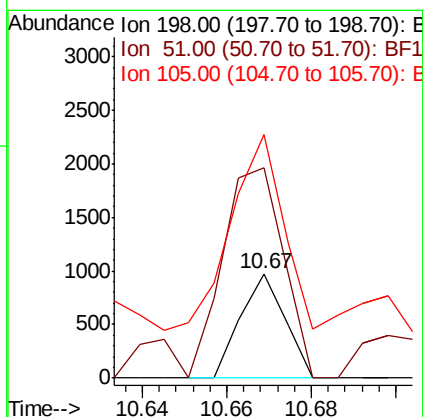
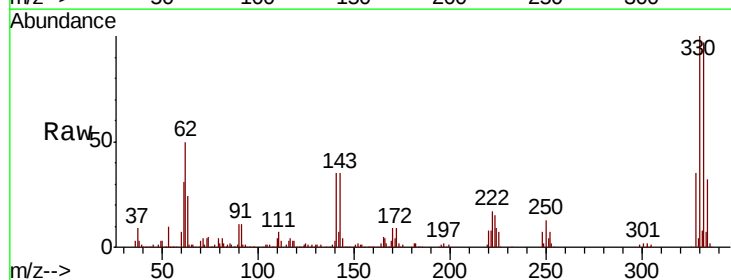
Instrument :
BNA_F
ClientSampleId :
RBR-200029

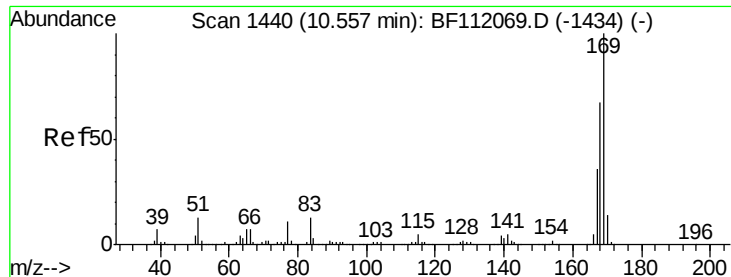
Tgt Ion:188 Resp: 634357
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.6 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.16 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion:198 Resp: 710
Ion Ratio Lower Upper
198 100
51 201.7 17.2 57.2#
105 233.6 21.9 61.9#





#66

n-Nitrosodiphenylamine

Concen: 0.102 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

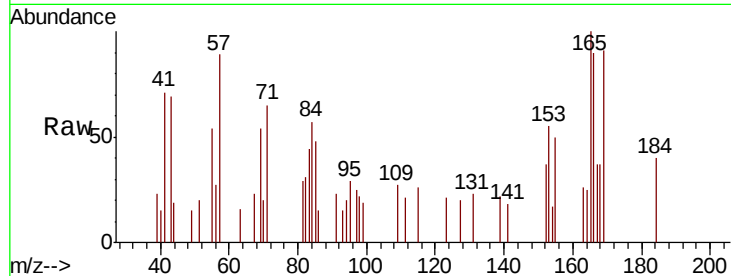
Tgt Ion:169 Resp: 2188

Ion Ratio Lower Upper

169 100

168 40.5 53.9 80.9#

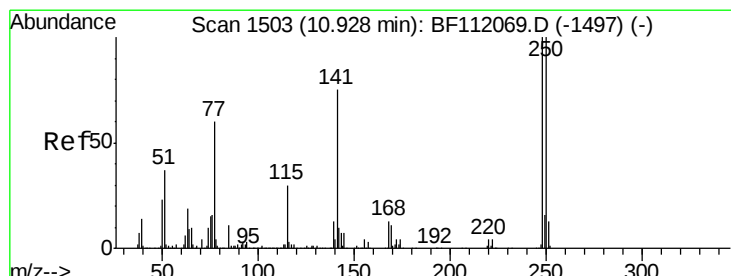
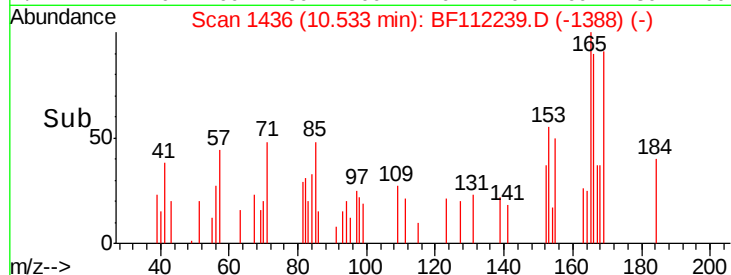
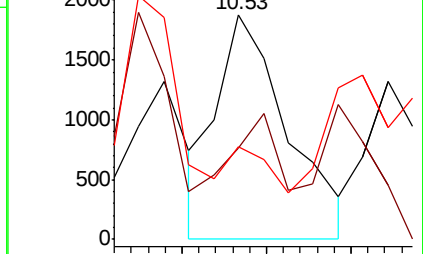
167 40.9 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.052 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

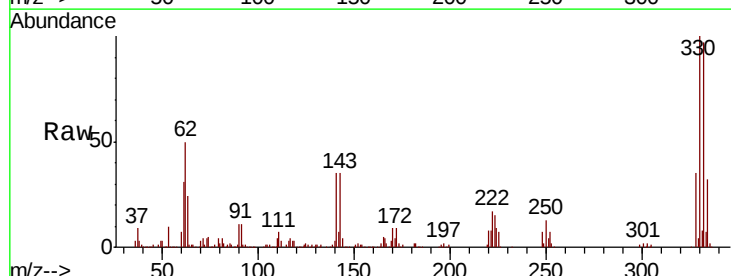
Tgt Ion:248 Resp: 22769

Ion Ratio Lower Upper

248 100

250 192.2 79.7 119.5#

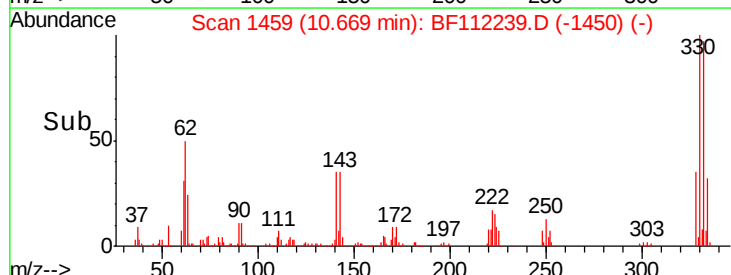
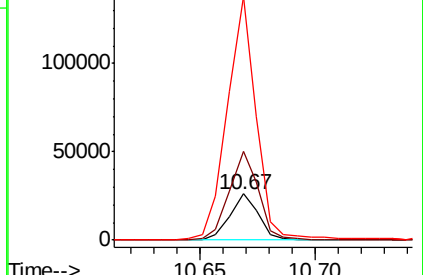
141 530.5 60.3 90.5#

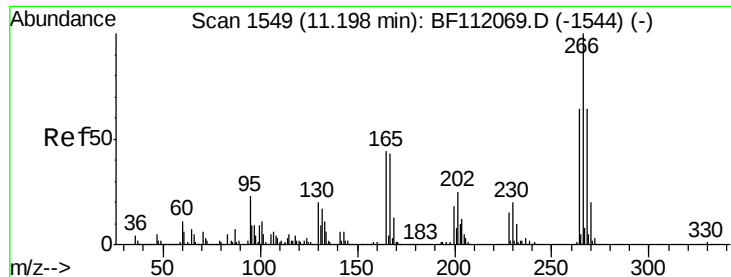


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

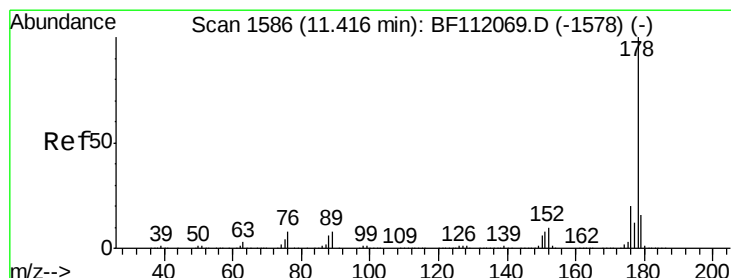
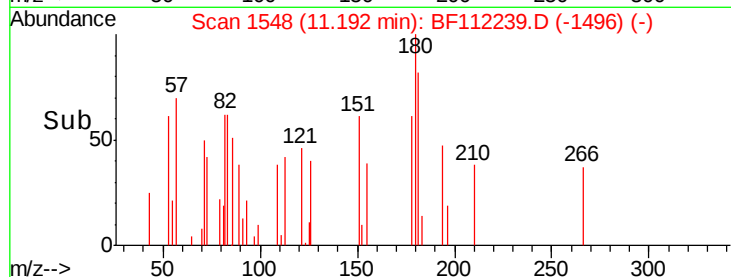
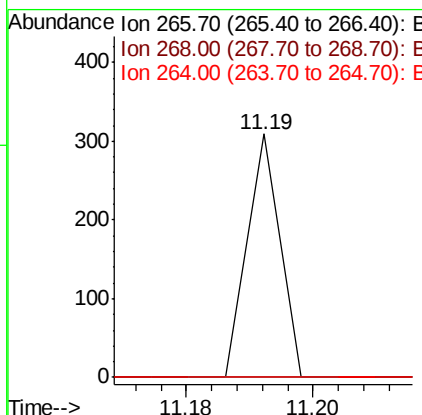
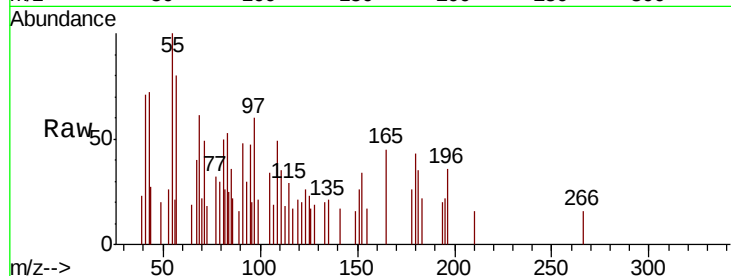




#70
 Pentachlorophenol
 Concen: 0.035 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

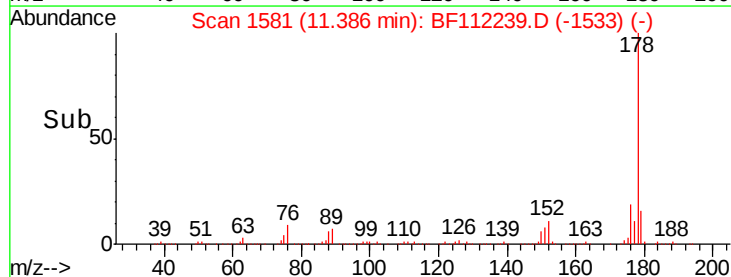
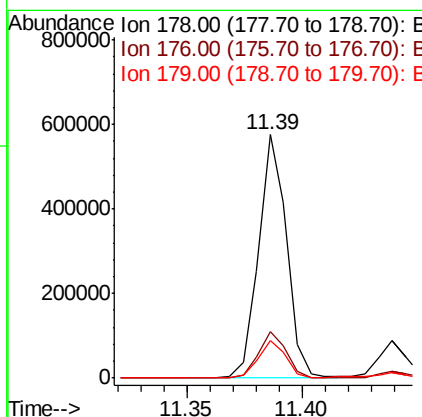
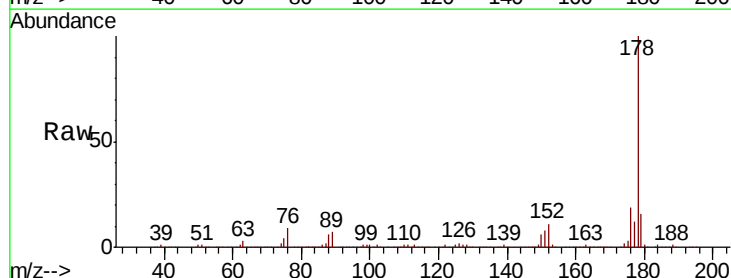
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

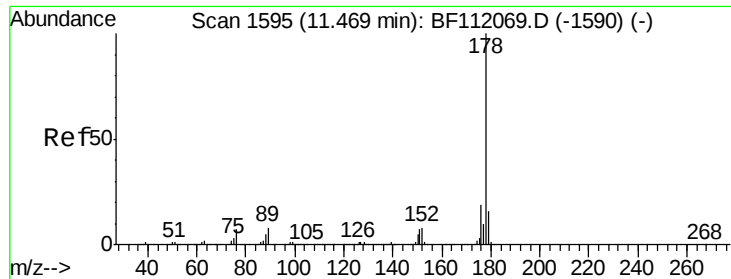
Tgt Ion: 266 Resp: 109
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.2 76.8#
 264 0.0 50.9 76.3#



#71
 Phenanthrene
 Concen: 14.805 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

Tgt Ion: 178 Resp: 488263
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.3 24.5
 179 15.6 13.0 19.4





#72

Anthracene

Concen: 2.165 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

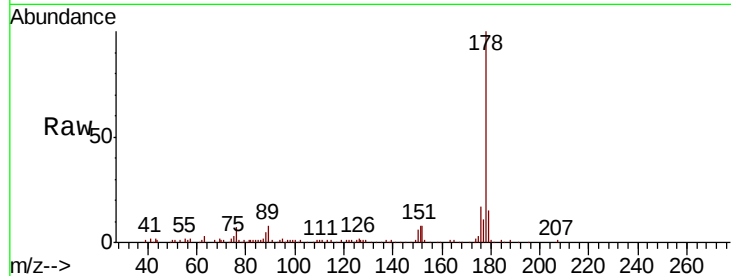
Tgt Ion:178 Resp: 71129

Ion Ratio Lower Upper

178 100

176 17.2 15.5 23.3

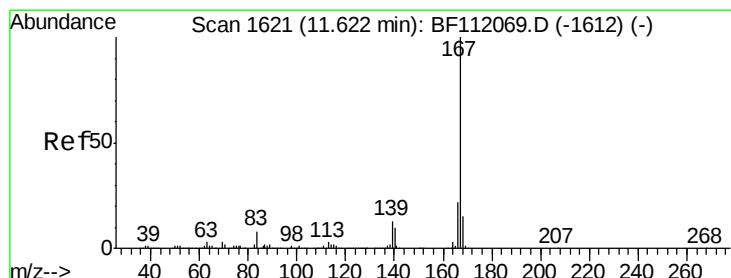
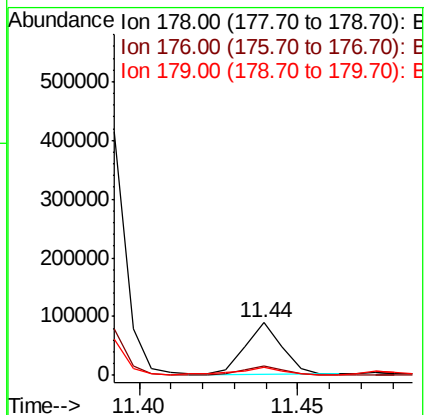
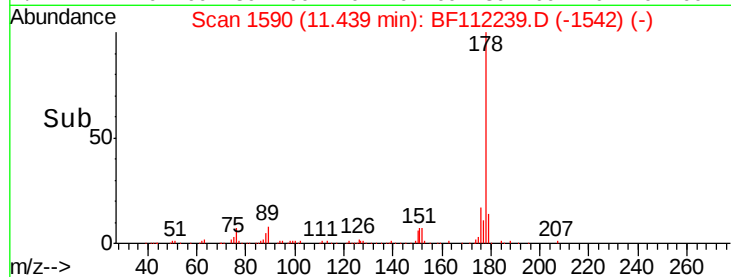
179 14.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.734 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

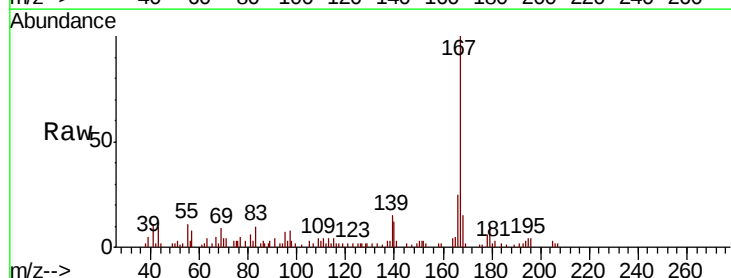
Tgt Ion:167 Resp: 23796

Ion Ratio Lower Upper

167 100

166 25.3 17.9 26.9

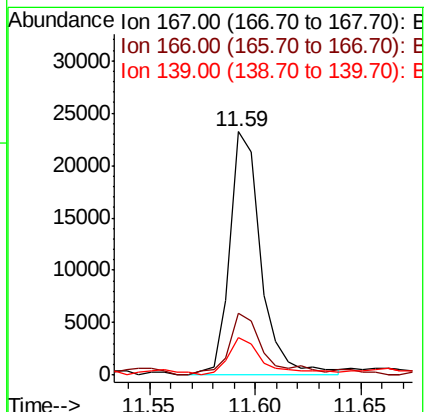
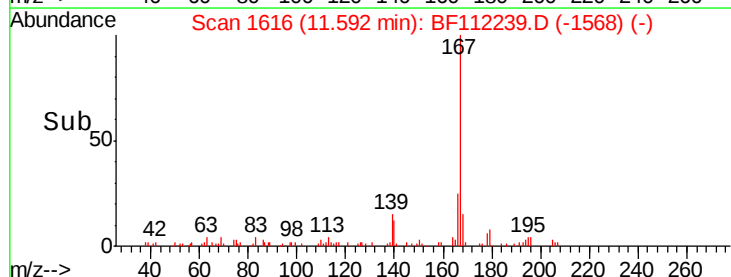
139 15.5 10.2 15.2#

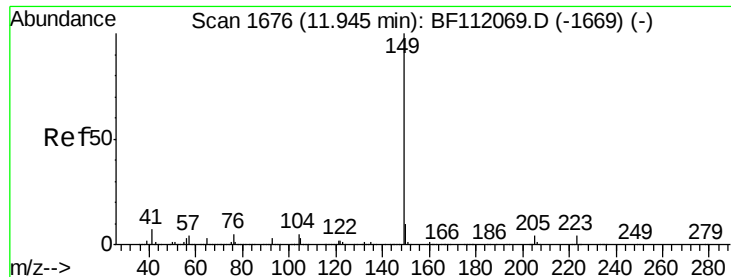


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

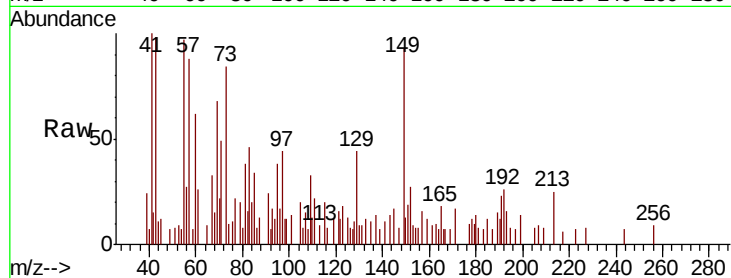




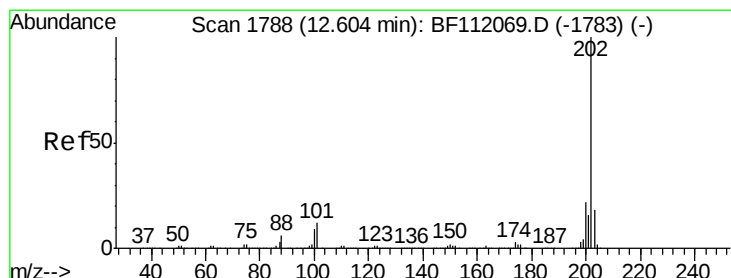
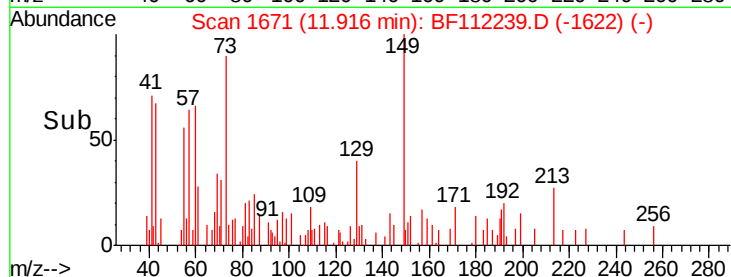
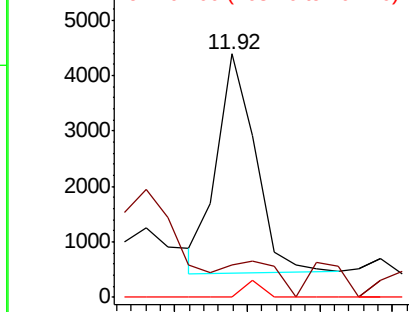
#74
Di-n-butylphthalate
Concen: 0.072 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:149 Resp: 2909
Ion Ratio Lower Upper
149 100
150 13.5 8.1 12.1#
104 0.0 3.9 5.9#

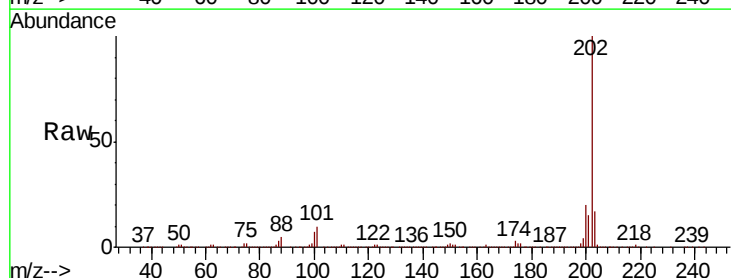


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

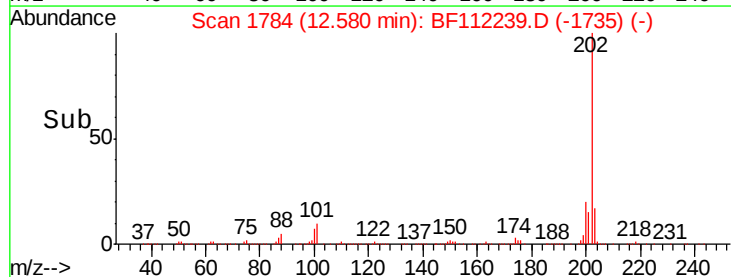
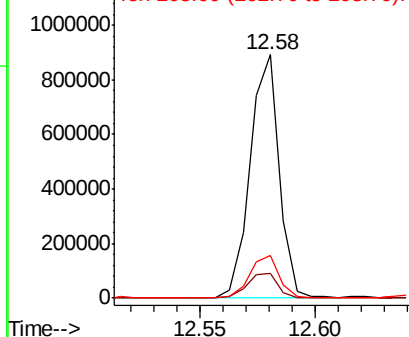


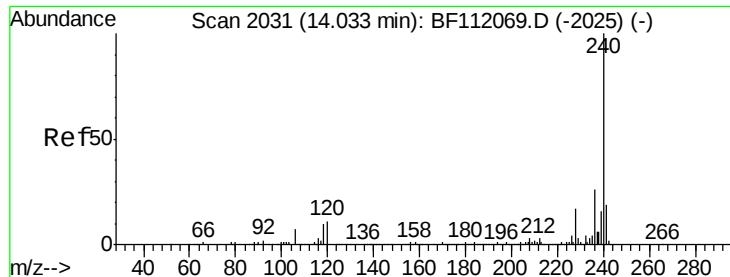
#75
Fluoranthene
Concen: 22.202 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion:202 Resp: 785342
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.3 0.0 38.4



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

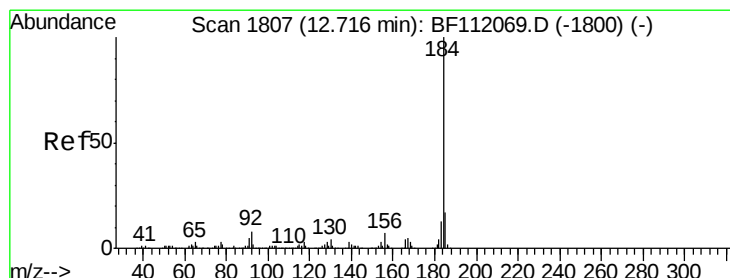
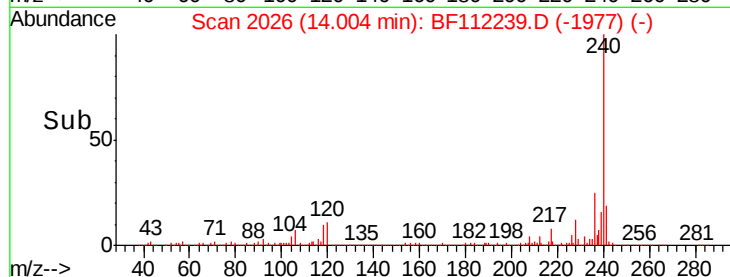
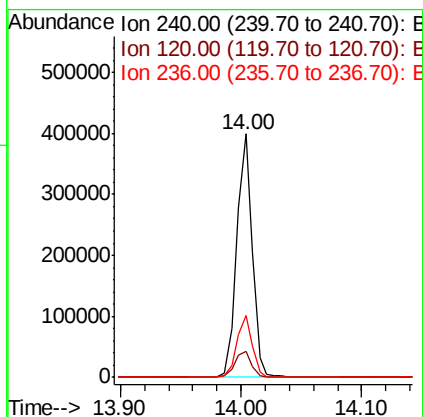
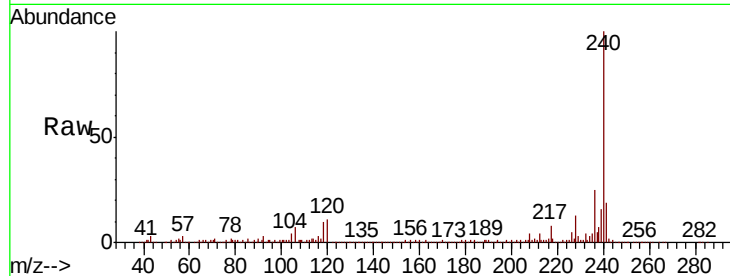




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

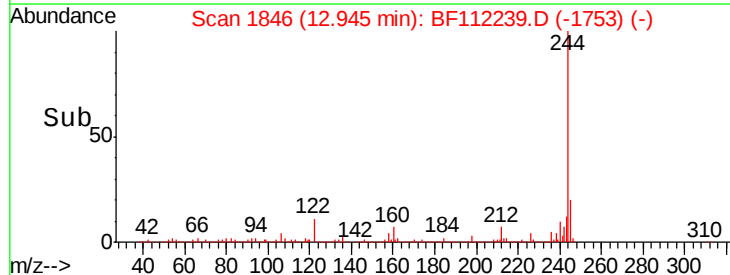
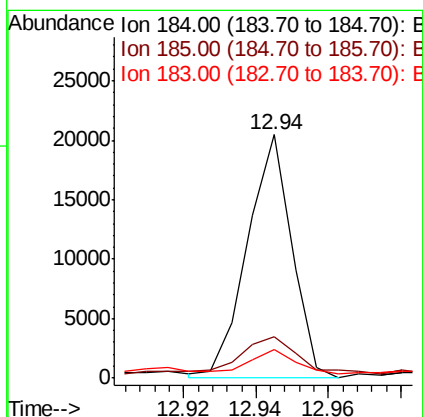
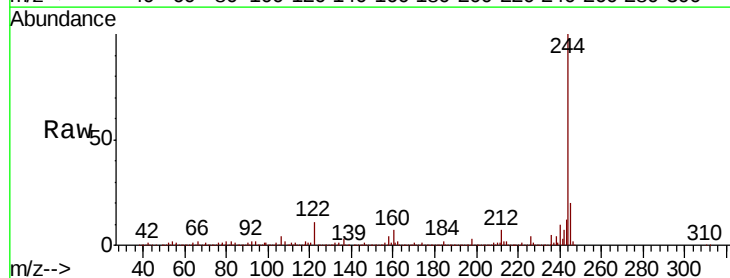
Instrument :
BNA_F
ClientSampleId :
RBR-200029

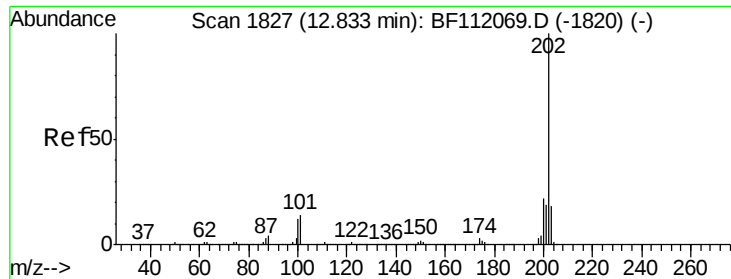
Tgt Ion:240 Resp: 359699
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 25.4 20.7 31.1



#77
Benzidine
Concen: 1.764 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.25 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion:184 Resp: 17462
Ion Ratio Lower Upper
184 100
185 16.8 13.9 20.9
183 11.7 10.0 15.0





#78

Pyrene

Concen: 26.302 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

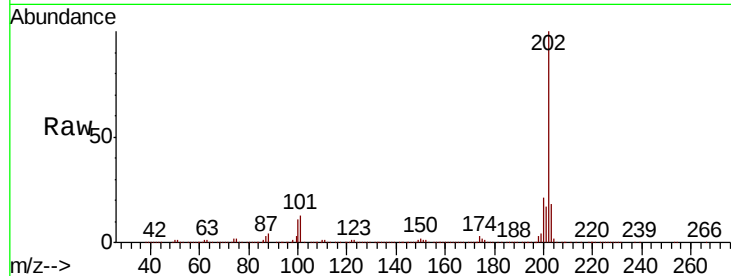
Tgt Ion:202 Resp: 655014

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

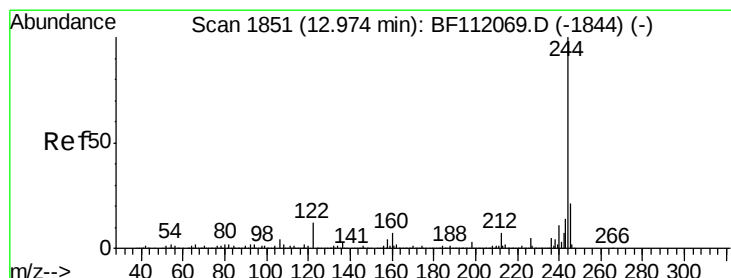
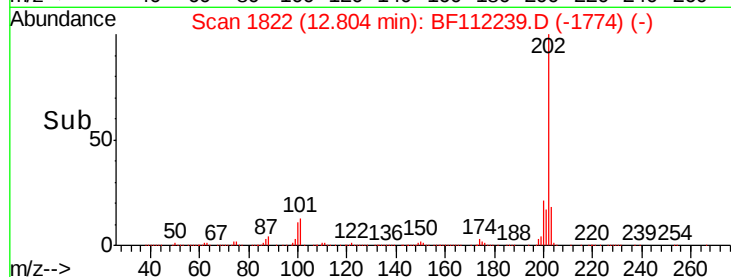
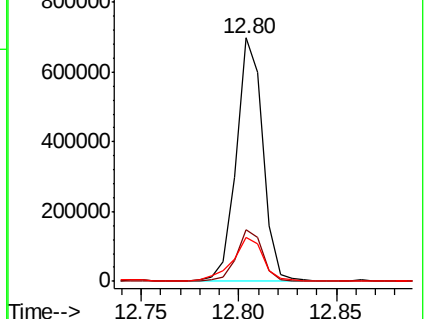
203 18.1 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 60.513 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

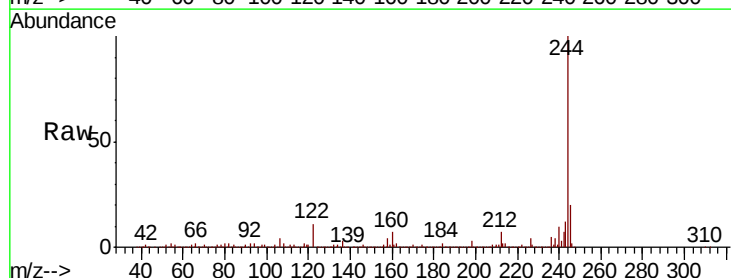
Tgt Ion:244 Resp: 1155672

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

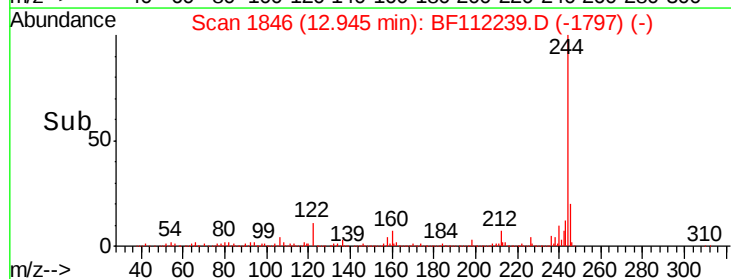
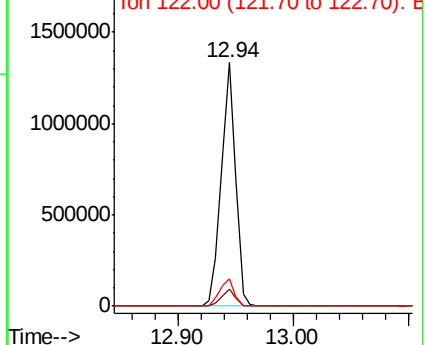
122 11.2 9.8 14.6

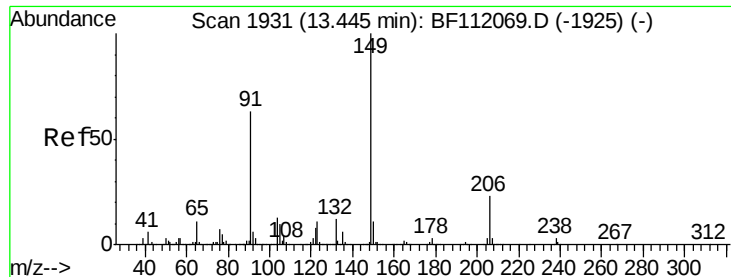


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.105 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

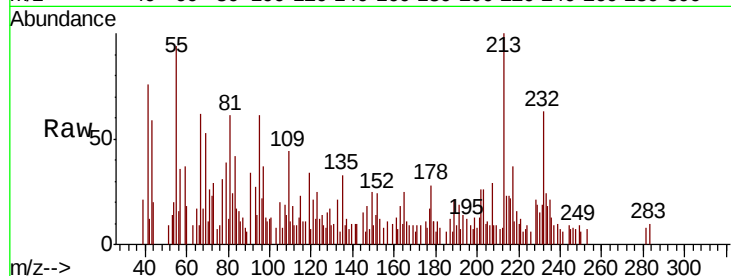
Tgt Ion:149 Resp: 1265

Ion Ratio Lower Upper

149 100

91 137.0 50.3 75.5#

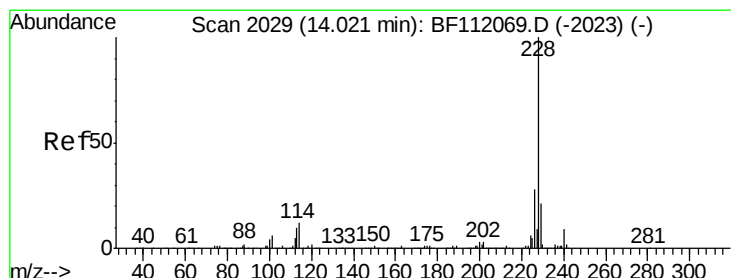
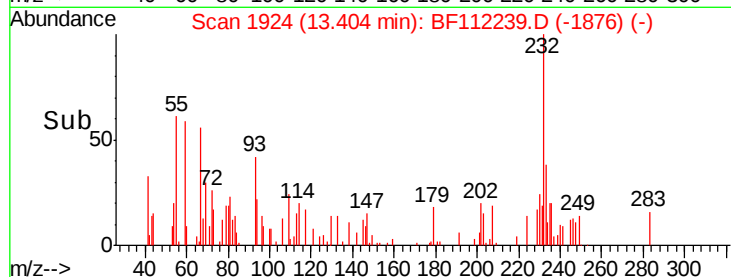
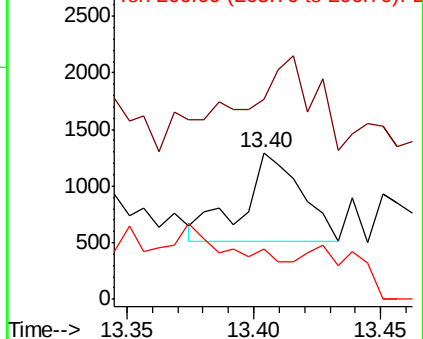
206 34.3 18.2 27.4#



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: 12.393 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

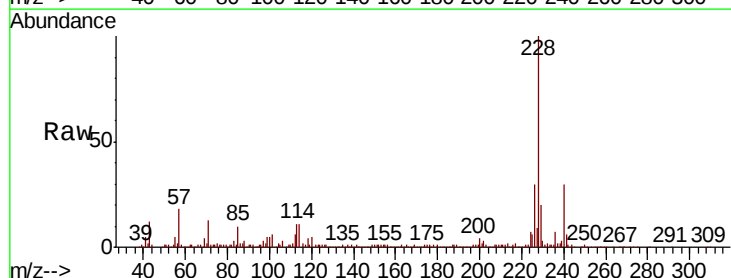
Tgt Ion:228 Resp: 262053

Ion Ratio Lower Upper

228 100

226 30.0 22.6 34.0

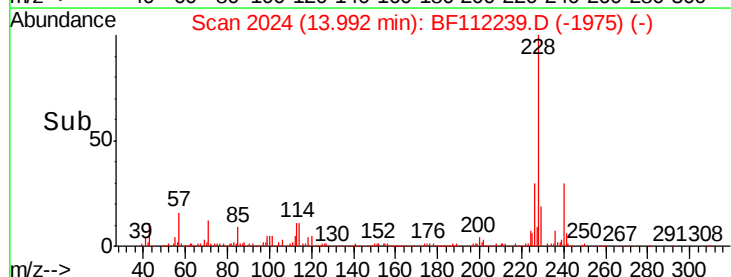
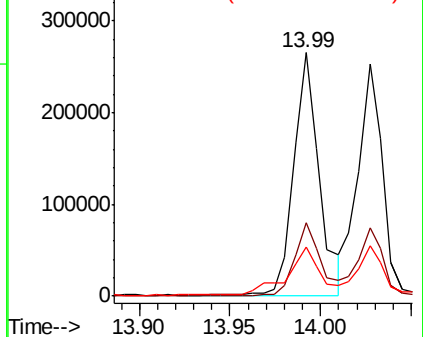
229 20.1 16.5 24.7

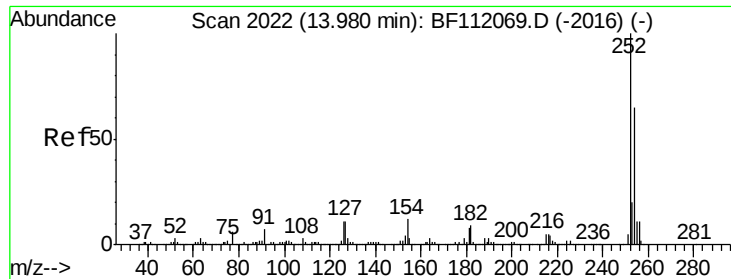


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

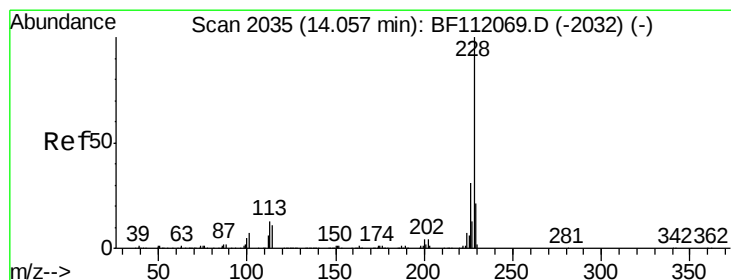
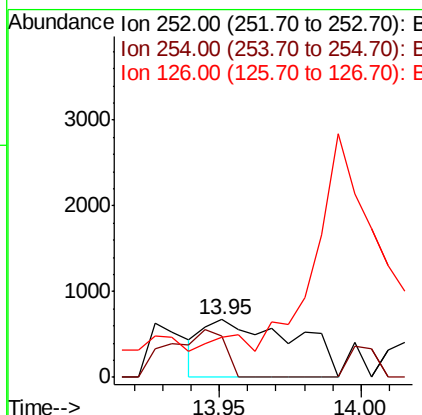
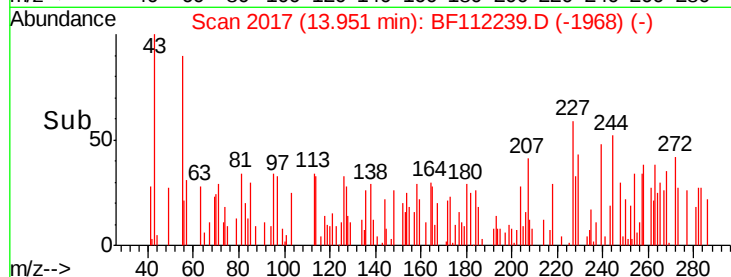
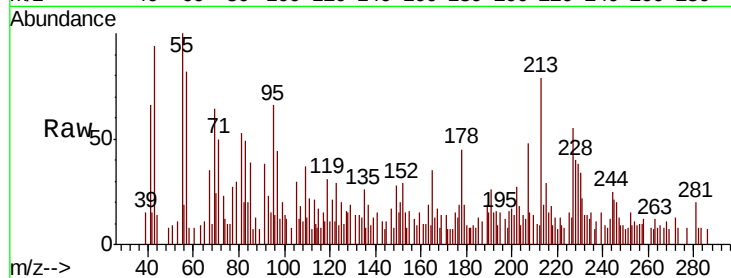




#82
 3,3'-Dichlorobenzidine
 Concen: 0.192 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

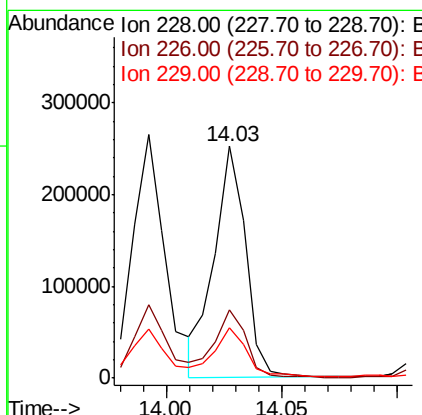
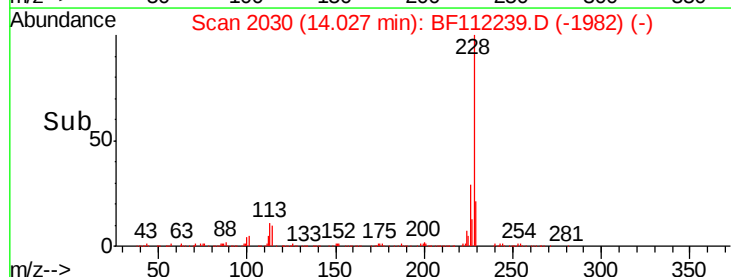
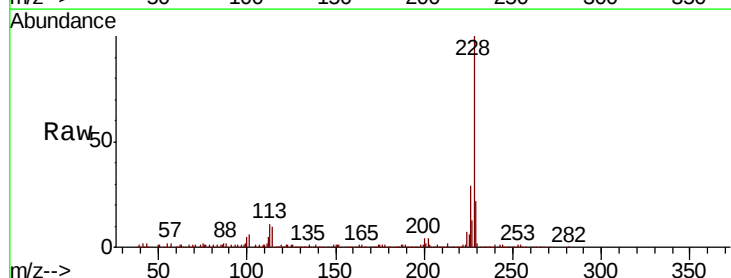
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

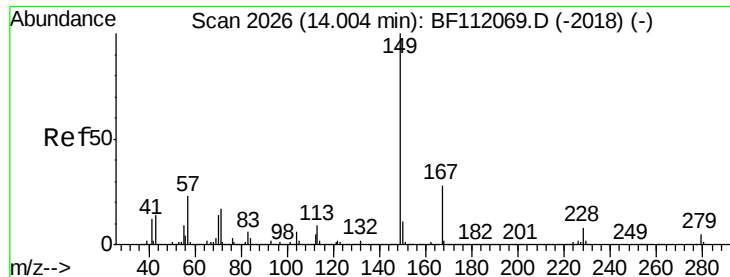
Tgt Ion: 252 Resp: 1520
 Ion Ratio Lower Upper
 252 100
 254 72.0 51.6 77.4
 126 68.6 8.6 12.8#



#83
 Chrysene
 Concen: 11.778 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

Tgt Ion: 228 Resp: 237729
 Ion Ratio Lower Upper
 228 100
 226 29.4 25.0 37.6
 229 21.5 16.6 24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.403 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

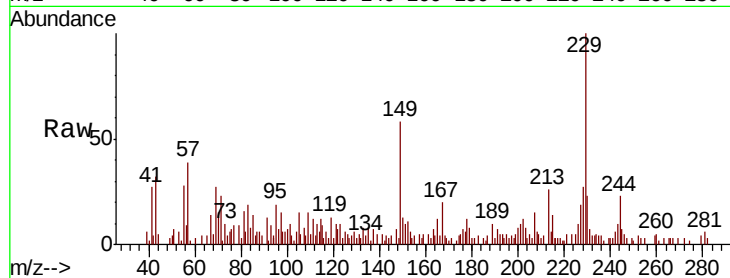
Tgt Ion:149 Resp: 6897

Ion Ratio Lower Upper

149 100

167 33.6 22.5 33.7

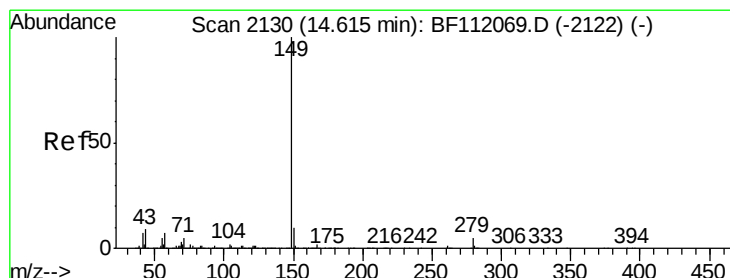
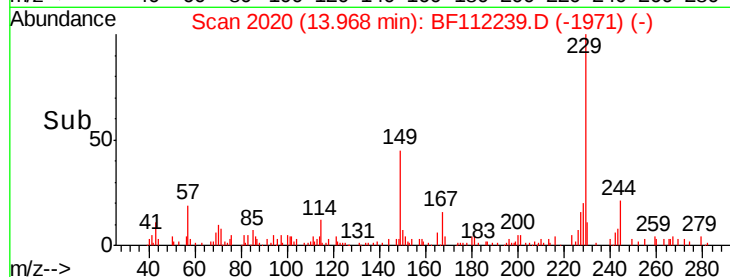
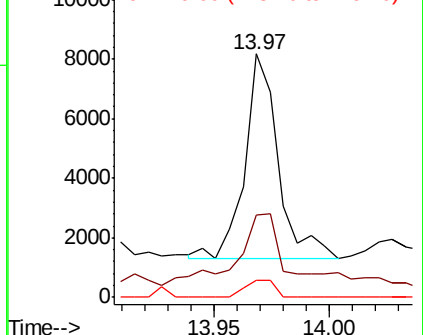
279 7.0 3.8 5.6#



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: 0.021 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

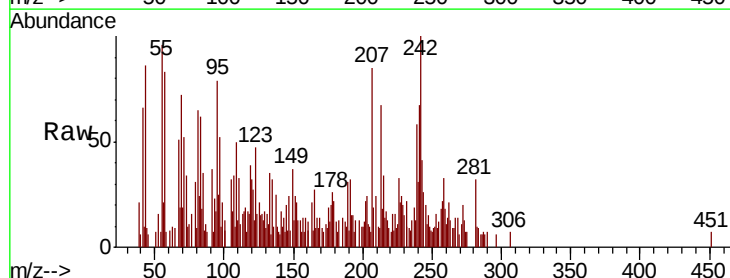
Tgt Ion:149 Resp: 540

Ion Ratio Lower Upper

149 100

167 75.7 1.3 1.9#

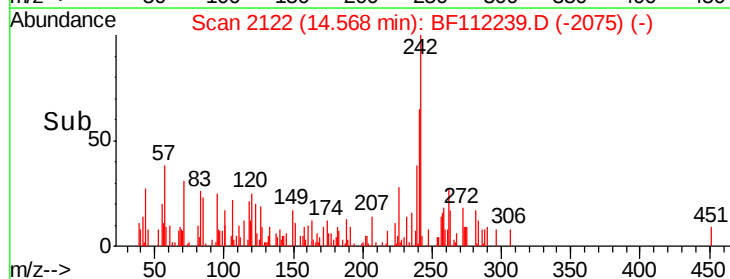
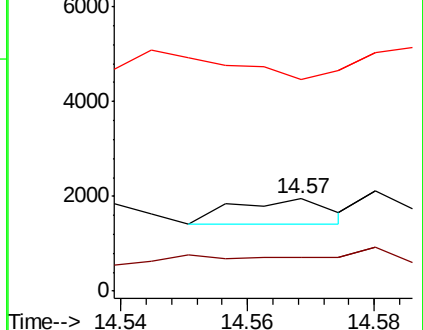
43 0.0 7.8 11.6#

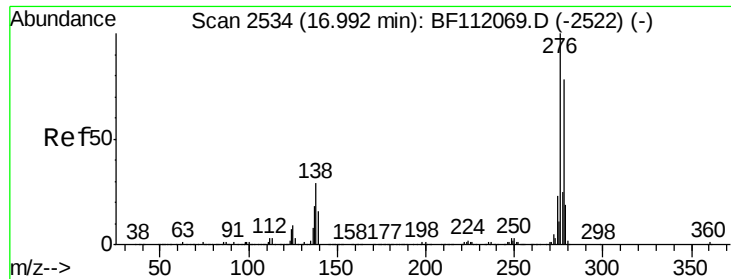


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

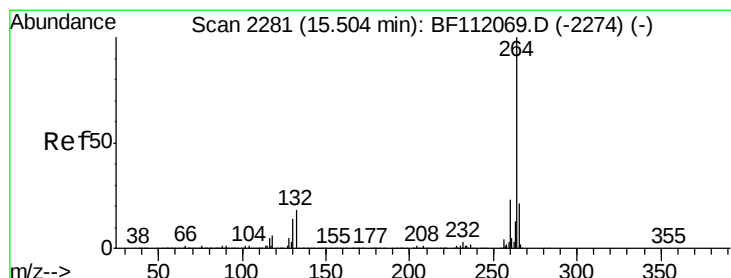
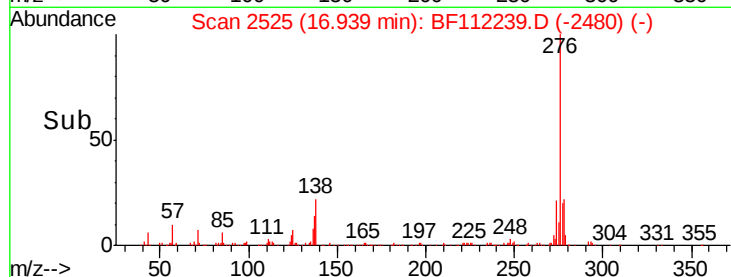
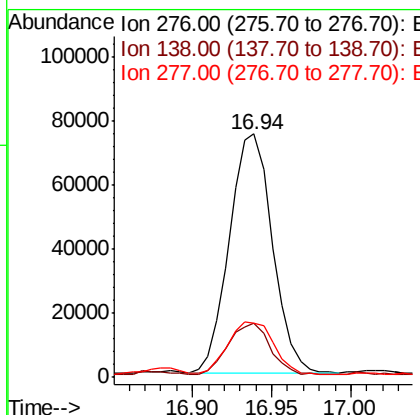
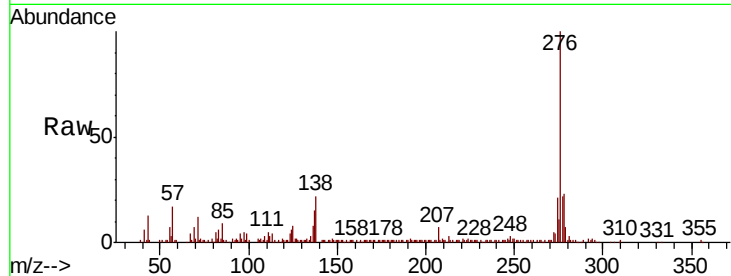




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.798 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. -0.04 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

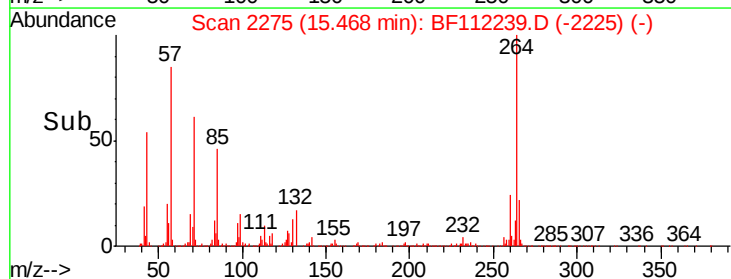
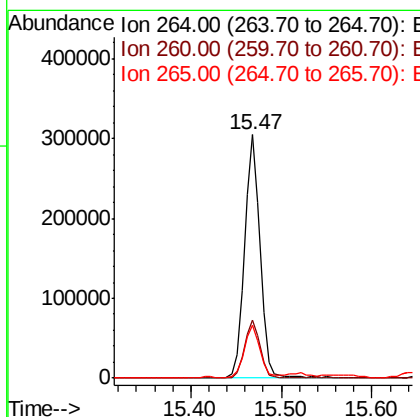
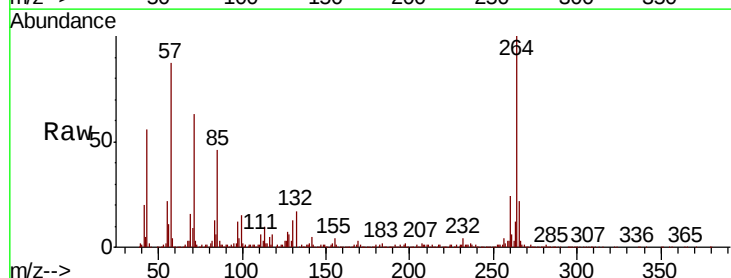
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200029

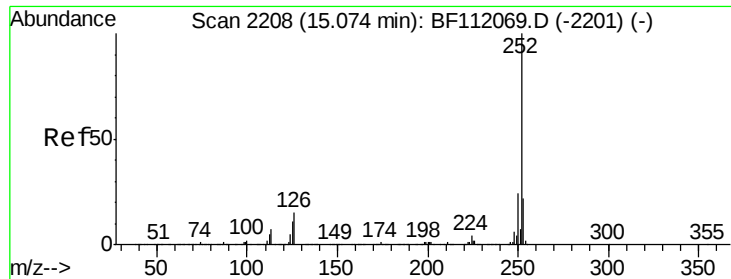
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	22.6	34.0#
277	24.0	20.3	30.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112239.D
 Acq: 25 Jan 2019 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.8	17.0	25.4

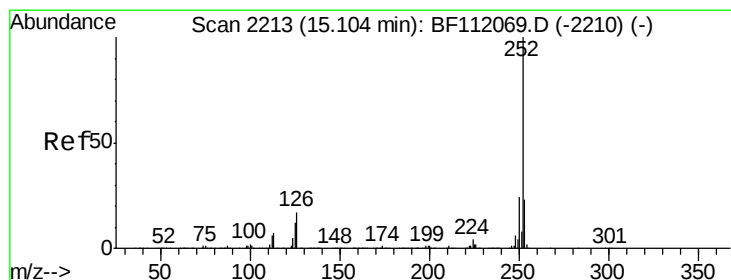
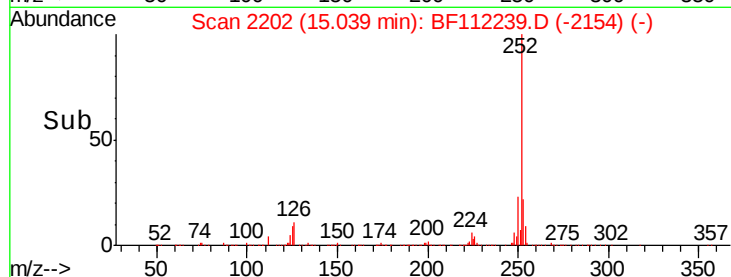
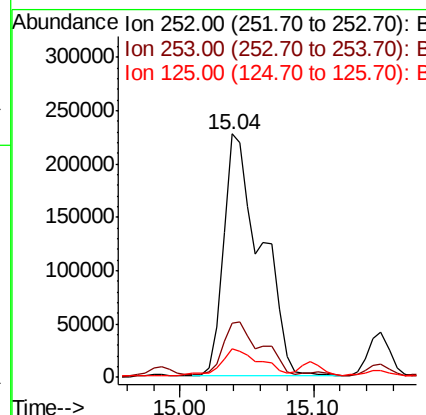
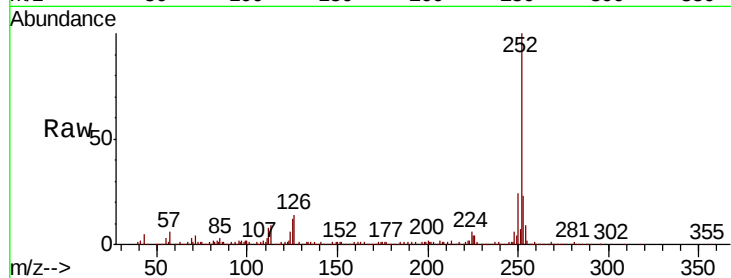




#88
Benzo(b)fluoranthene
Concen: 20.436 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

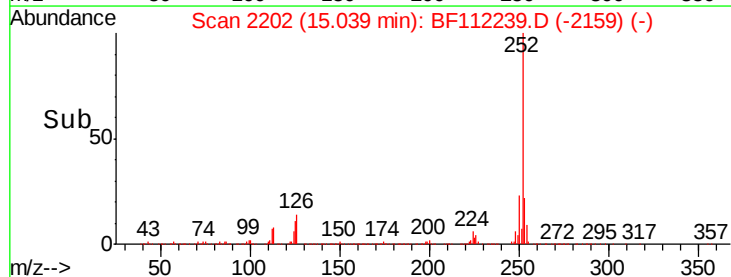
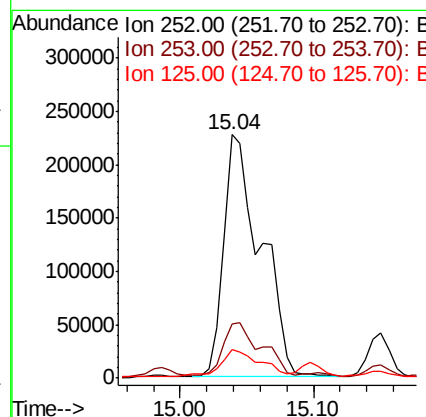
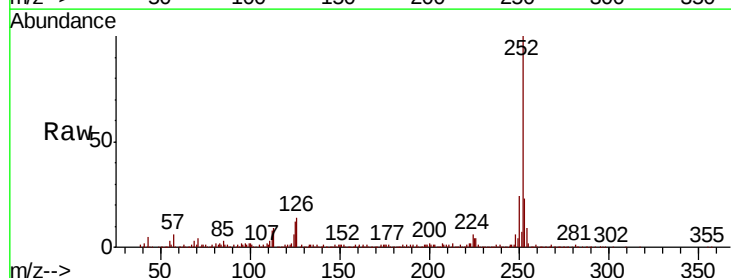
Instrument :
BNA_F
ClientSampleId :
RBR-200029

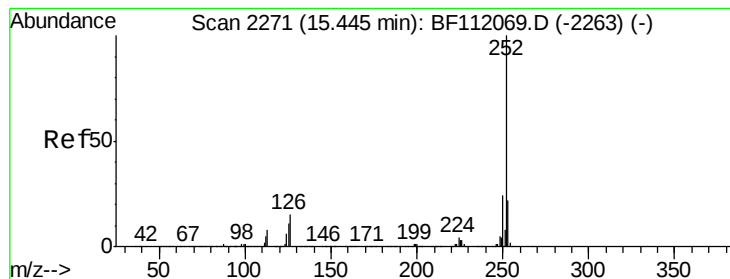
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.9	8.7	13.1



#89
Benzo(k)fluoranthene
Concen: 21.335 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.9	9.1	13.7

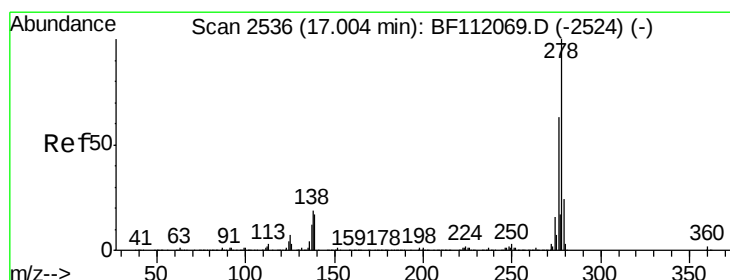
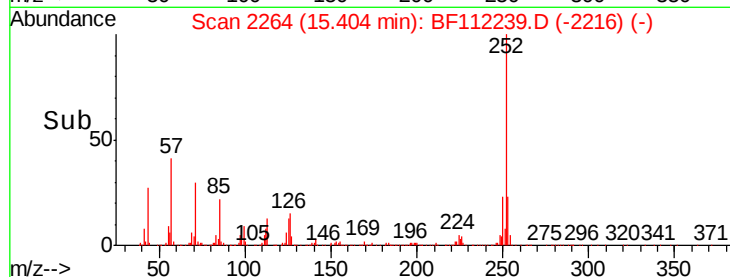
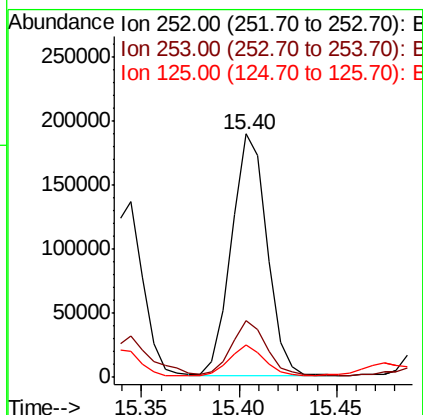
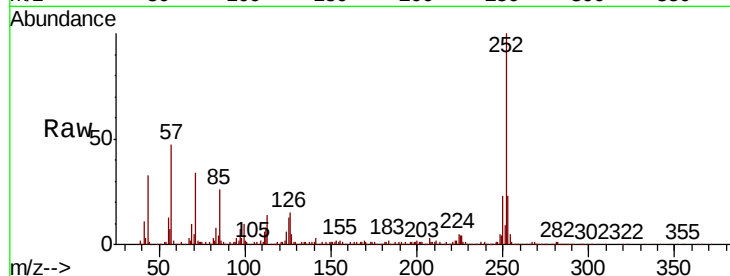




#90
Benzo(a)pyrene
Concen: 12.350 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

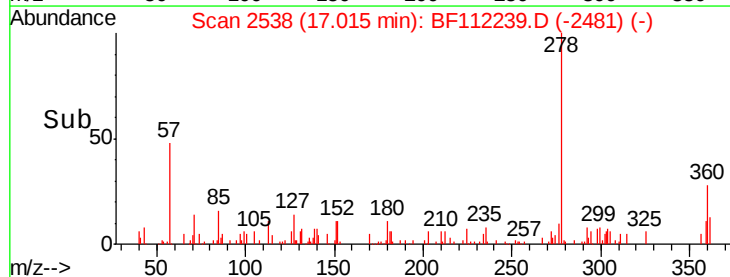
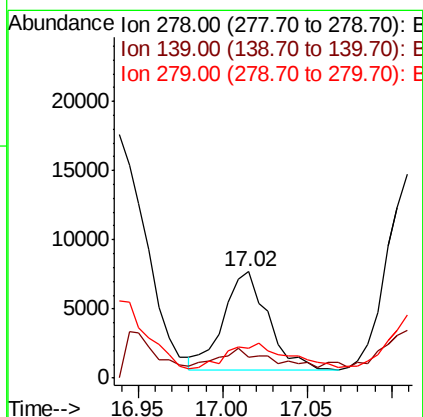
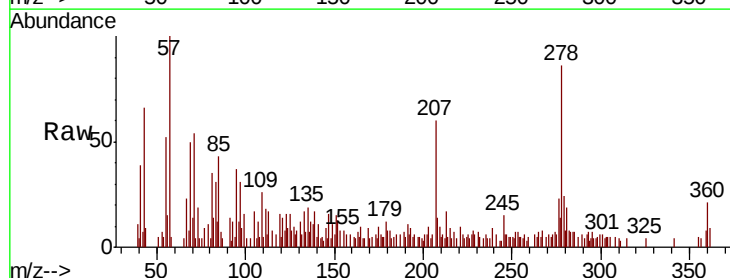
Instrument :
BNA_F
ClientSampleId :
RBR-200029

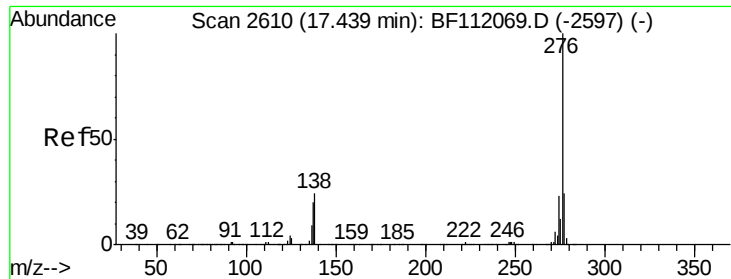
Tgt Ion: 252 Resp: 240027
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 13.5 9.0 13.4#



#91
Dibenzo(a,h)anthracene
Concen: 0.845 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.04 min
Lab File: BF112239.D
Acq: 25 Jan 2019 18:37

Tgt Ion: 278 Resp: 13236
Ion Ratio Lower Upper
278 100
139 20.1 13.7 20.5
279 28.1 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 9.095 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.03 min

Lab File: BF112239.D

Acq: 25 Jan 2019 18:37

Instrument :

BNA_F

ClientSampleId :

RBR-200029

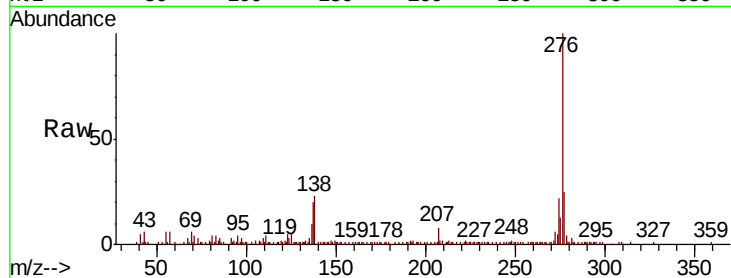
Tgt Ion: 276 Resp: 134408

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.0

138 22.9 19.1 28.7



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

