

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111604.D
 Acq On : 19 Dec 2018 21:43
 Operator : JU/SJ
 Sample : J6464-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

Quant Time: Dec 20 03:25:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199333	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	754033	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	385843	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	732507	20.00	ng	0.00
76) Chrysene-d12	14.04	240	502537	20.00	ng	-0.01
87) Perylene-d12	15.52	264	493688	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1432440	122.49	ng	0.00
7) Phenol-d6	6.52	99	1875469	126.02	ng	0.00
23) Nitrobenzene-d5	7.45	82	1148716	88.68	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	561697	123.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1957328	73.94	ng	0.00
79) Terphenyl-d14	13.00	244	1804213	68.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	116	0.021	ng	# 1
3) Pyridine	3.81	79	118	0.008	ng	# 3
4) n-Nitrosodimethylamine	3.38	42	339	0.048	ng	# 1
6) Aniline	6.53	93	4124	0.217	ng	# 1
8) 2-Chlorophenol	6.68	128	358	0.028	ng	# 37
9) Benzaldehyde	6.43	77	2166	0.212	ng	# 38
10) Phenol	6.53	94	98709	5.878	ng	# 90
11) bis(2-Chloroethyl)ether	6.66	93	2185	0.174	ng	# 1
15) Benzyl Alcohol	7.05	79	19687	1.666	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	7.19	45	115	0.005	ng	# 72
17) 2-Methylphenol	7.13	107	108	0.010	ng	# 39
18) Hexachloroethane	7.43	117	852	0.166	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	158340	16.020	ng	# 79
20) 3+4-Methylphenols	7.28	107	700	0.053	ng	# 81
22) Acetophenone	7.29	105	2935	0.154	ng	# 74
24) Nitrobenzene	7.45	77	4479	0.330	ng	# 36
25) Isophorone	7.45	82	1148348	49.934	ng	# 64
27) 2,4-Dimethylphenol	7.83	122	601	0.055	ng	# 77
28) bis(2-Chloroethoxy)methane	7.77	93	117	0.008	ng	# 48
31) Naphthalene	8.19	128	46922	1.295	ng	# 97
32) Benzoic acid	7.95	122	137	0.019	ng	# 24
33) 4-Chloroaniline	8.19	127	6222	0.397	ng	# 31
35) Caprolactam	8.60	113	652	0.165	ng	# 62
36) 4-Chloro-3-methylphenol	8.73	107	113	0.010	ng	# 20
37) 2-Methylnaphthalene	8.89	142	20177	0.856	ng	# 96
38) 1-Methylnaphthalene	8.89	142	20177	0.891	ng	# 91
46) 1,1'-Biphenyl	9.35	154	9169	0.282	ng	# 95
47) 2-Chloronaphthalene	9.64	162	1407	0.055	ng	# 1
48) 2-Nitroaniline	9.36	65	240	0.036	ng	# 6
49) Acenaphthylene	9.79	152	17379	0.461	ng	# 95
50) Dimethylphthalate	9.64	163	161044	5.708	ng	# 97
51) 2,6-Dinitrotoluene	9.64	165	2317	0.412	ng	# 18
52) Acenaphthene	9.96	154	5702	0.245	ng	# 89
53) 3-Nitroaniline	10.13	138	132	0.022	ng	# 1

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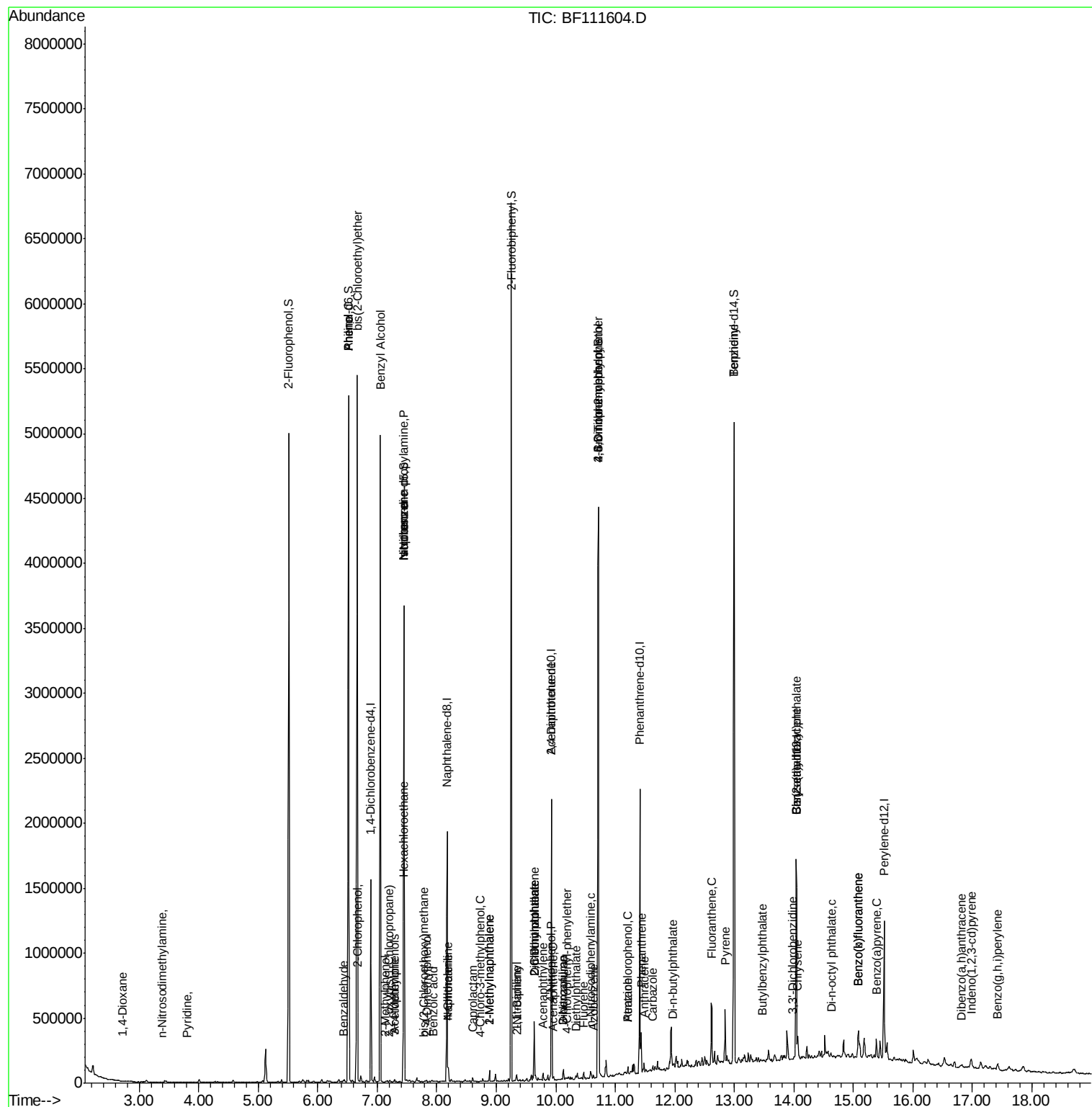
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Dibenzofuran	10.13	168	17296	0.493	ng	98
56) 4-Nitrophenol	9.91	139	250	0.055	ng	# 51
57) 2,4-Dinitrotoluene	9.93	165	51339	7.592	ng	# 25
58) Fluorene	10.47	166	6838	0.270	ng	# 84
60) Diethylphthalate	10.34	149	1645	0.059	ng	# 81
61) 4-Chlorophenyl-phenylether	10.19	204	111	0.008	ng	# 25
63) Azobenzene	10.63	77	826	0.030	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.72	198	1095	7.004	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	1186	0.048	ng	# 85
67) 4-Bromophenyl-phenylether	10.72	248	34780	3.828	ng	# 1
69) Atrazine	11.21	200	142	0.017	ng	# 36
70) Pentachlorophenol	11.21	266	1284	0.205	ng	91
71) Phenanthrene	11.43	178	107794	2.775	ng	94
72) Anthracene	11.48	178	28437	0.729	ng	95
73) Carbazole	11.63	167	13336	0.352	ng	98
74) Di-n-butylphthalate	11.97	149	5494	0.129	ng	# 88
75) Fluoranthene	12.62	202	179711	4.568	ng	96
77) Benzidine	12.99	184	23190	1.226	ng	99
78) Pyrene	12.85	202	158456	4.465	ng	95
80) Butylbenzylphthalate	13.46	149	1758	0.122	ng	# 84
81) Benzo(a)anthracene	14.03	228	75355	2.627	ng	93
82) 3,3'-Dichlorobenzidine	13.97	252	107	0.009	ng	# 1
83) Chrysene	14.07	228	78342	2.779	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	4005	0.220	ng	# 88
85) Di-n-octyl phthalate	14.64	149	211	0.007	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.98	276	45295	1.890	ng	91
88) Benzo(b)fluoranthene	15.08	252	162508	5.632	ng	97
89) Benzo(k)fluoranthene	15.08	252	162508	5.916	ng	97
90) Benzo(a)pyrene	15.39	252	62628	2.389	ng	97
91) Dibenzo(a,h)anthracene	16.80	278	12141	0.529	ng	97
92) Benzo(g,h,i)perylene	17.43	276	44253	1.974	ng	# 84

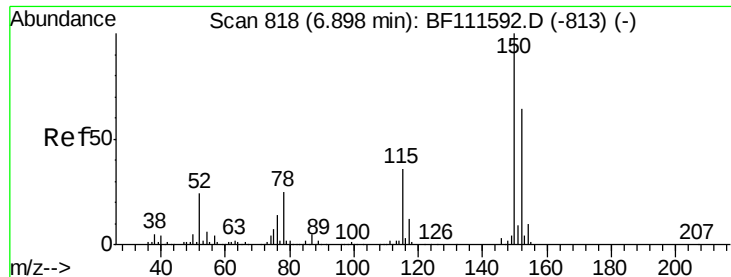
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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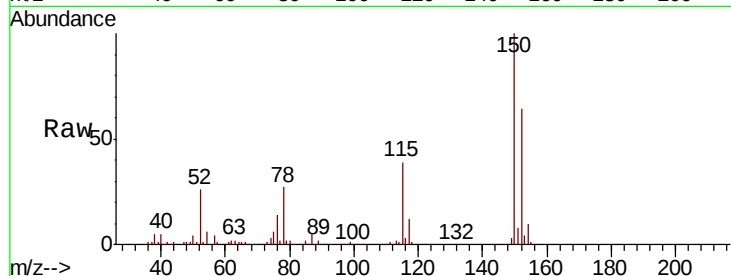


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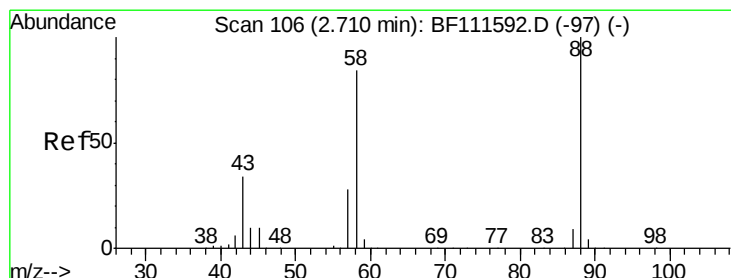
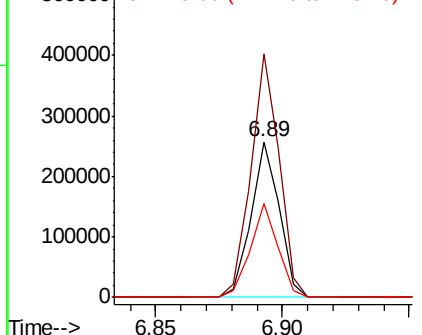
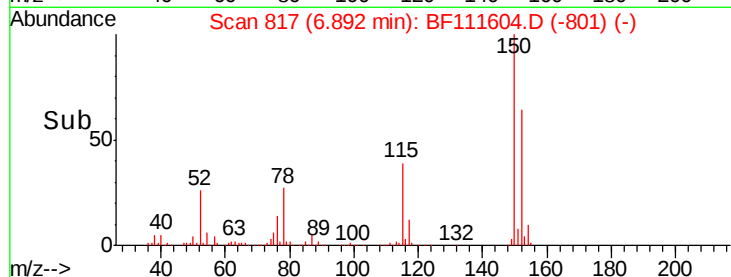
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:152 Resp: 199333
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 60.4 50.7 76.1



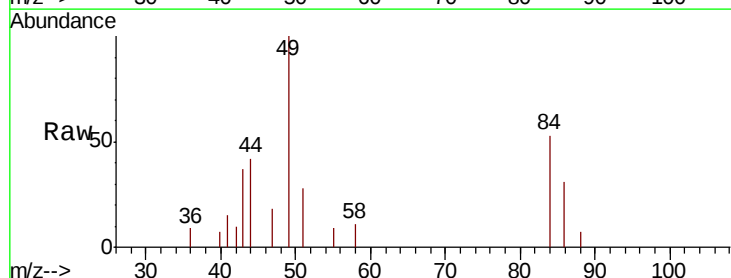
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



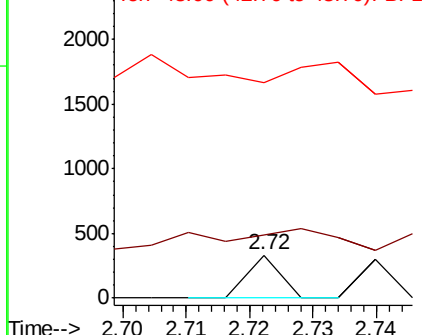
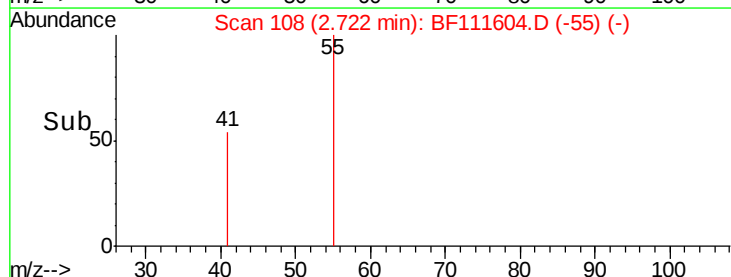
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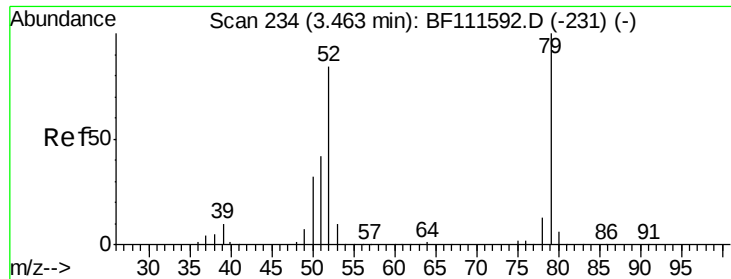
1,4-Dioxane
Concen: 0.021 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
58 305.2 68.9 103.3#
43 0.0 25.8 38.6#



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

Pyridine

Concen: 0.008 ng

RT: 3.81 min Scan# 293

Delta R.T. 0.35 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

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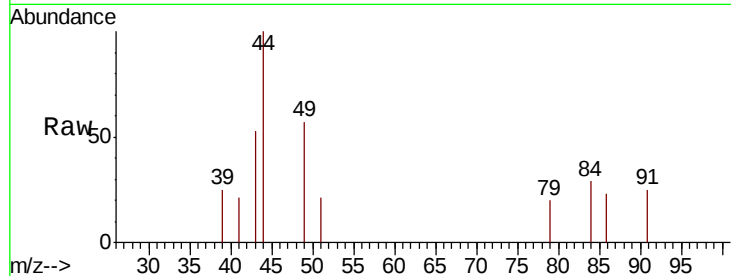
Tgt Ion: 79 Resp: 118

Ion Ratio Lower Upper

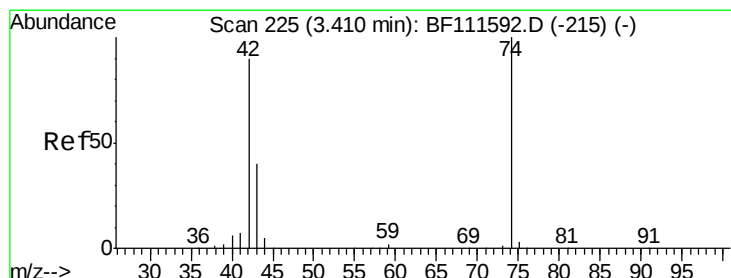
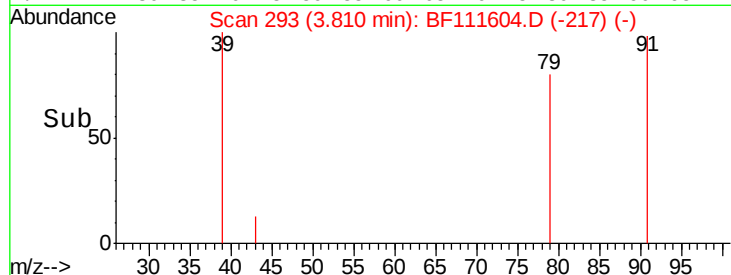
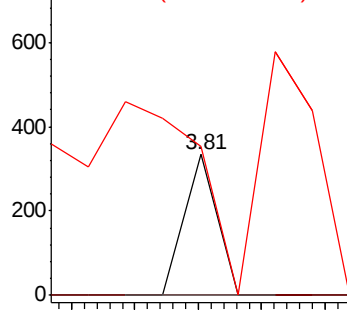
79 100

52 0.0 68.3 102.5#

51 105.7 32.6 49.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.04 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

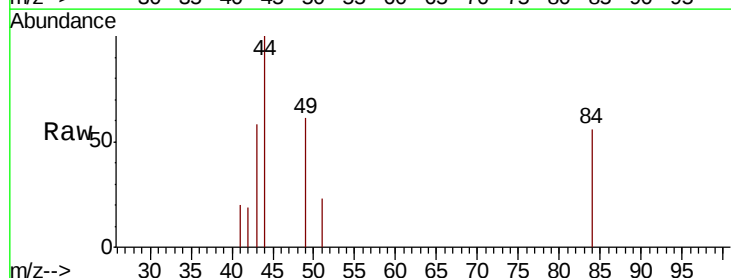
Tgt Ion: 42 Resp: 339

Ion Ratio Lower Upper

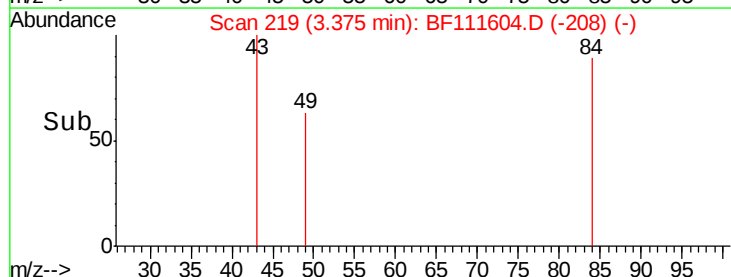
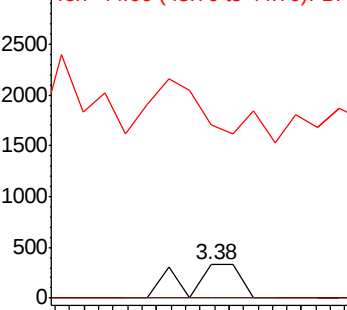
42 100

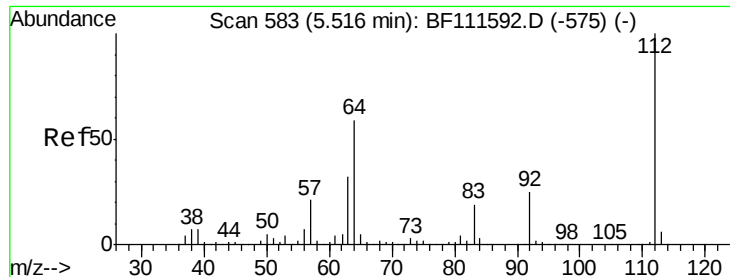
74 0.0 101.5 152.3#

44 516.4 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.491 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111604.D

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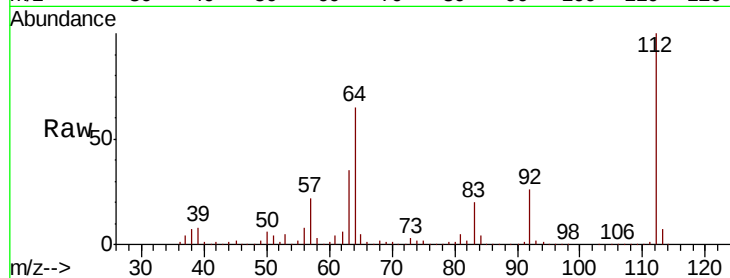
Tgt Ion: 112 Resp: 1432440

Ion Ratio Lower Upper

112 100

64 65.5 51.8 77.6

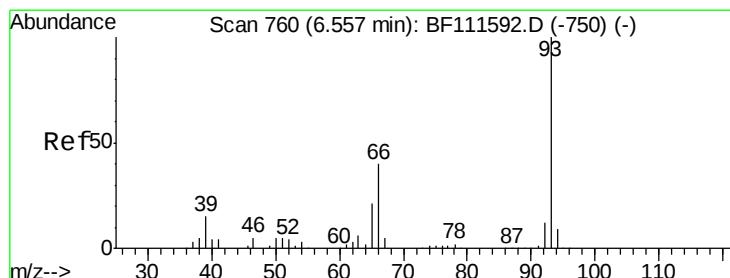
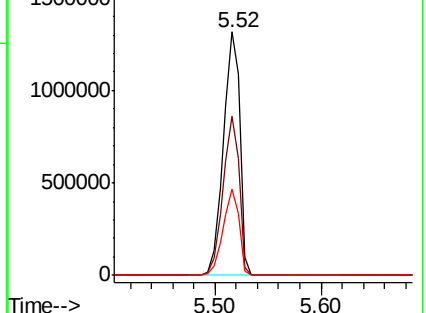
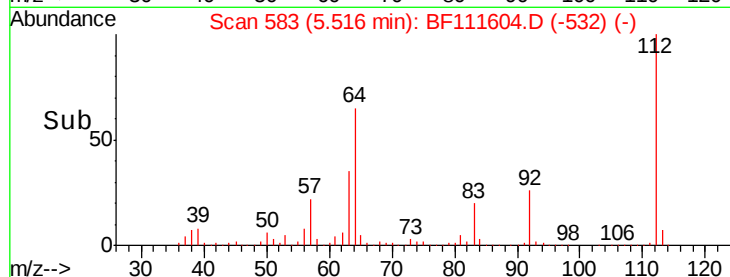
63 35.3 26.8 40.2



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: 0.217 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

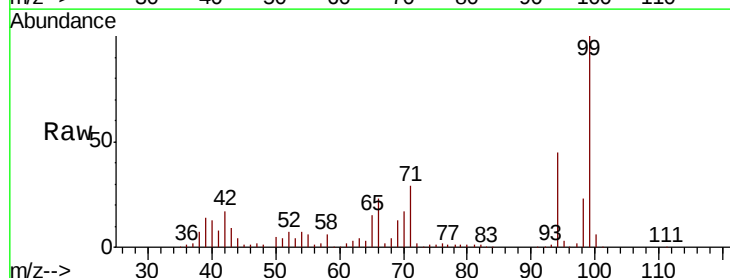
Tgt Ion: 93 Resp: 4124

Ion Ratio Lower Upper

93 100

66 2240.8 33.2 49.8#

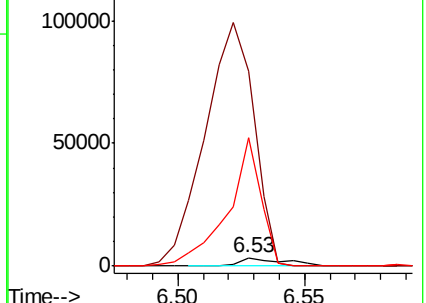
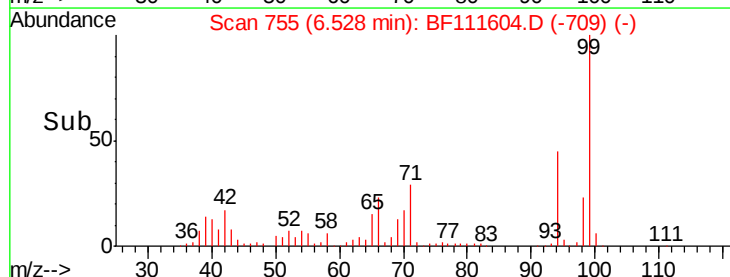
65 1474.2 17.0 25.4#

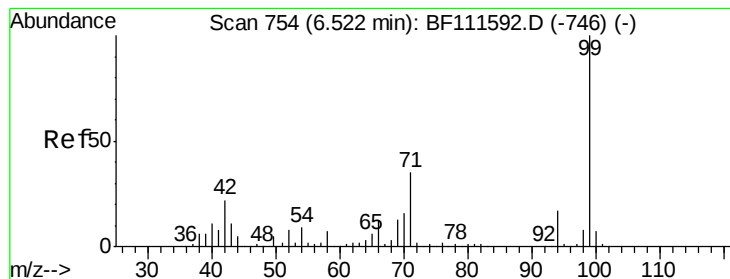


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.016 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

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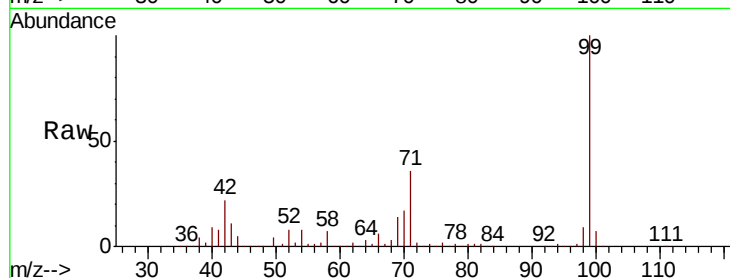
Tgt Ion: 99 Resp: 1875469

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

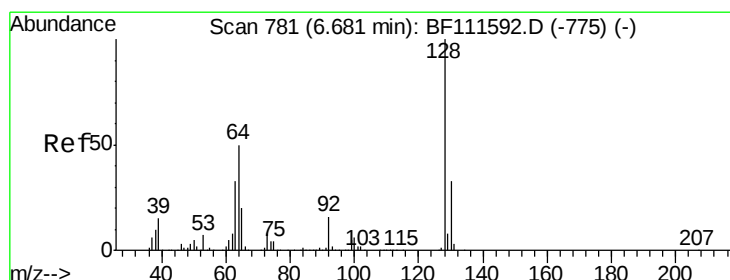
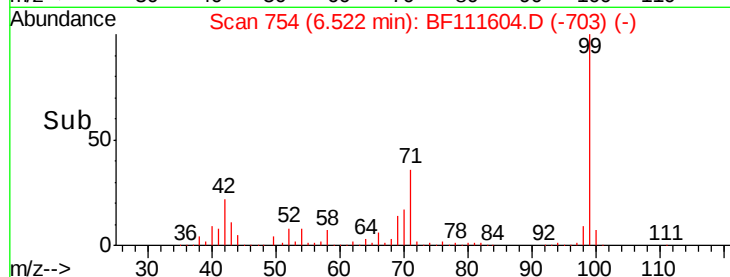
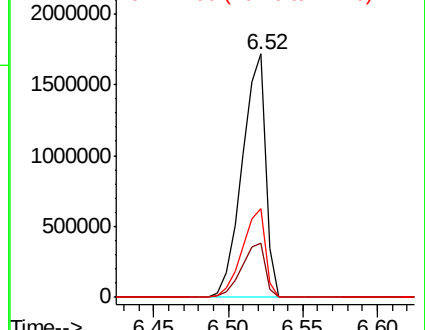
71 36.2 26.1 39.1



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: 0.028 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

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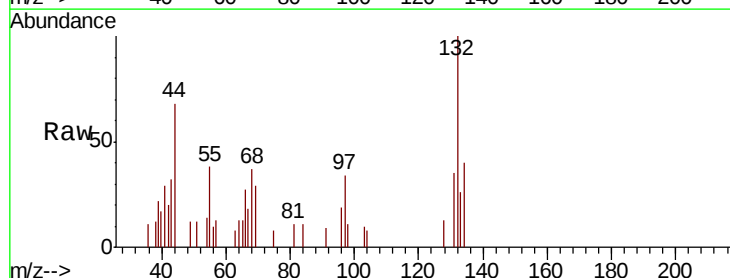
Tgt Ion: 128 Resp: 358

Ion Ratio Lower Upper

128 100

130 0.0 12.7 52.7#

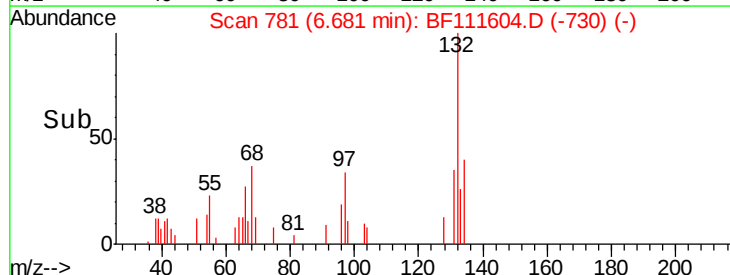
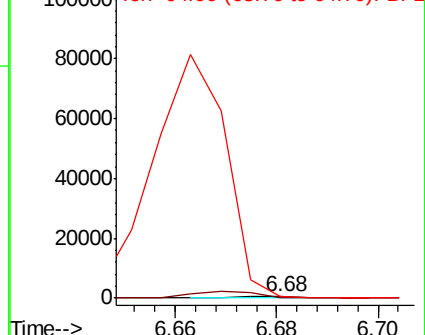
64 95.7 30.0 70.0#

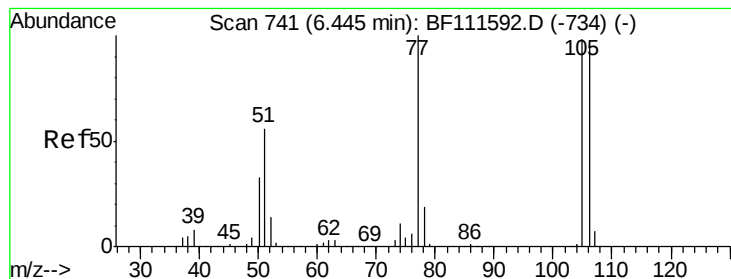


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.212 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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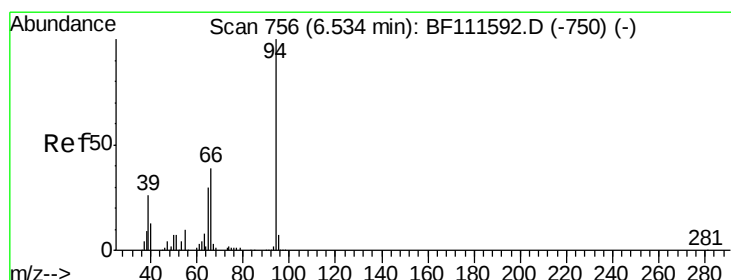
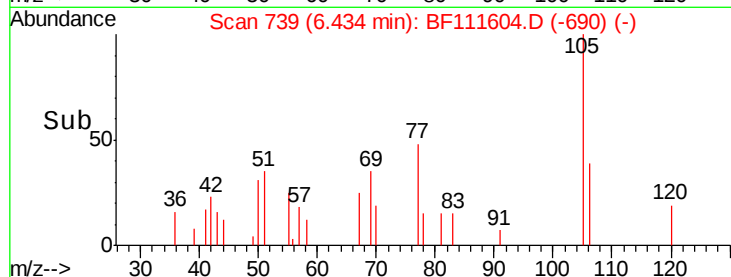
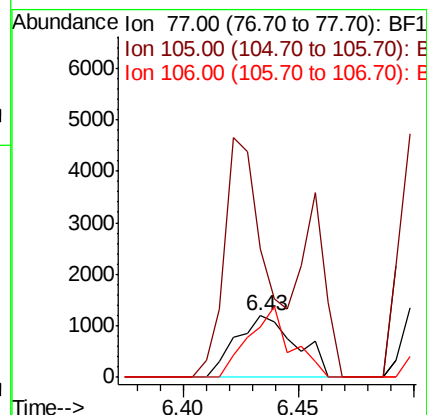
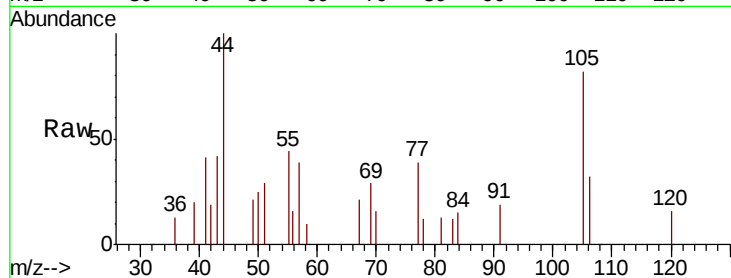
Tgt Ion: 77 Resp: 2166

Ion Ratio Lower Upper

77 100

105 209.9 81.4 121.4#

106 82.9 77.9 117.9



#10

Phenol

Concen: 5.878 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

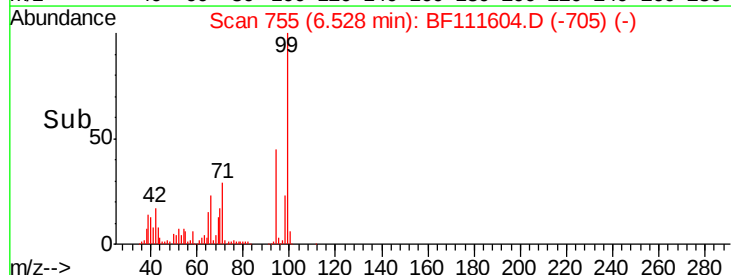
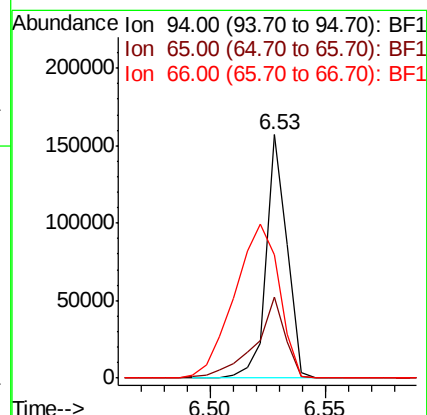
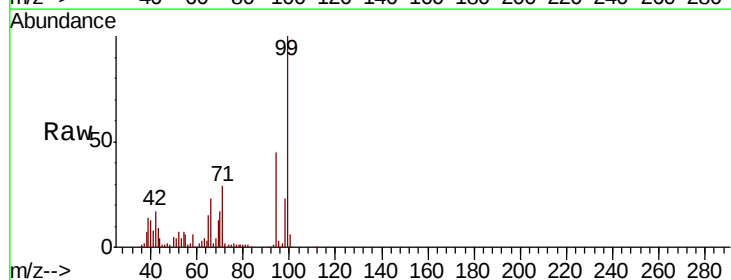
Tgt Ion: 94 Resp: 98709

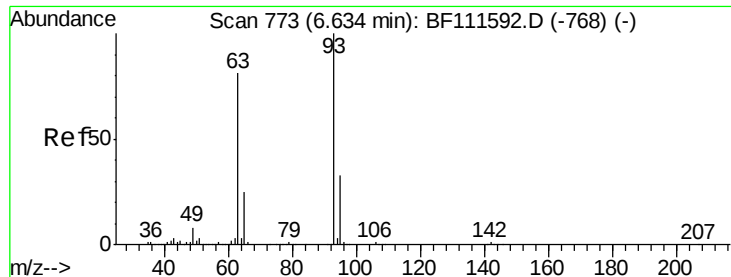
Ion Ratio Lower Upper

94 100

65 33.2 11.7 51.7

66 50.5 21.0 61.0

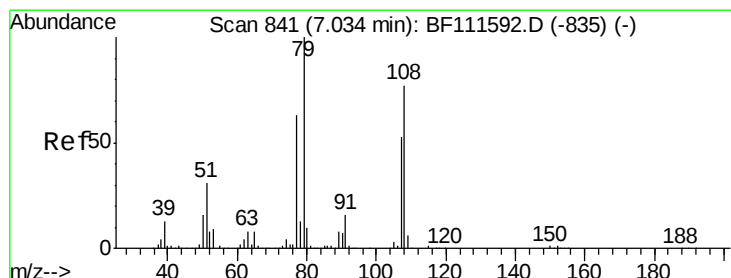
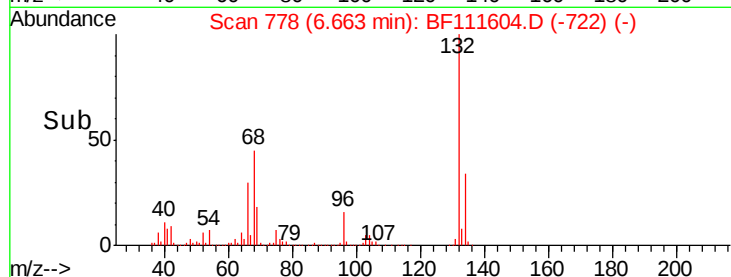
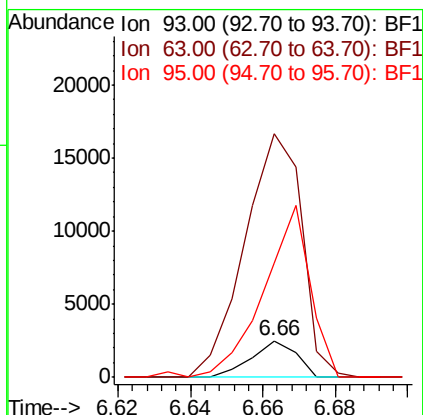
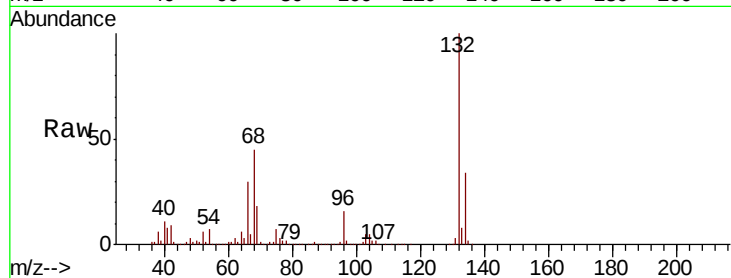




#11
bis(2-Chloroethyl)ether
Concen: 0.174 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.03 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

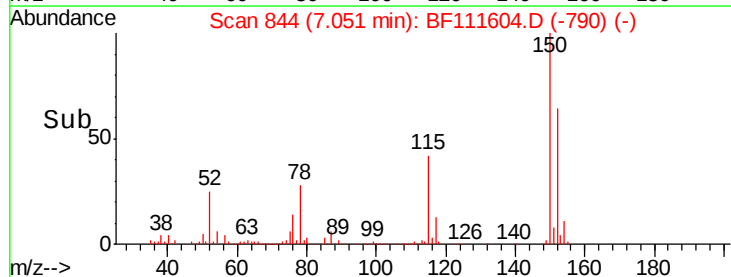
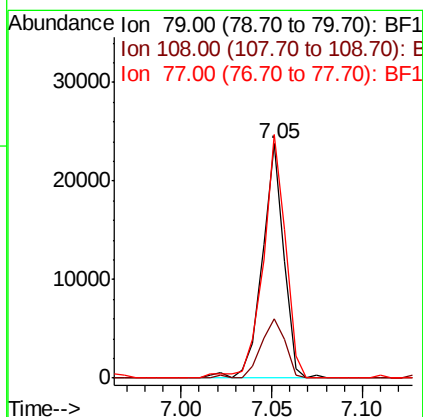
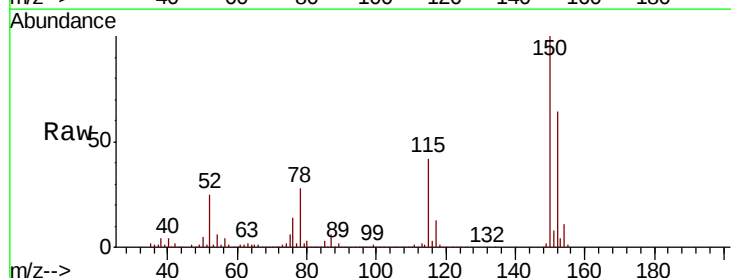
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

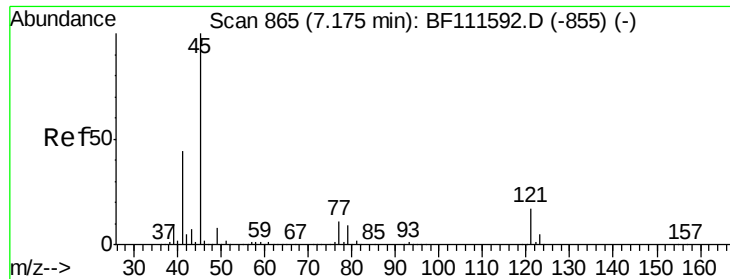
Tgt Ion: 93 Resp: 2185
Ion Ratio Lower Upper
93 100
63 669.5 60.0 100.0#
95 312.9 13.4 53.4#



#15
Benzyl Alcohol
Concen: 1.666 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion: 79 Resp: 19687
Ion Ratio Lower Upper
79 100
108 25.5 69.4 104.2#
77 103.9 49.7 74.5#

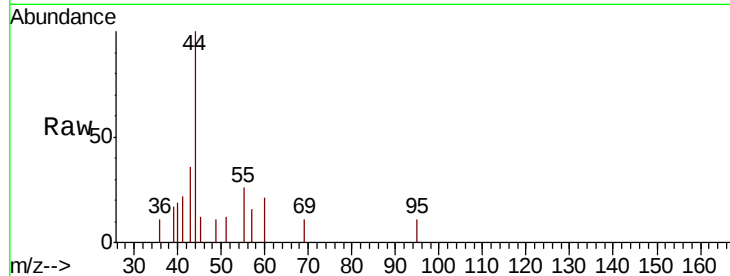




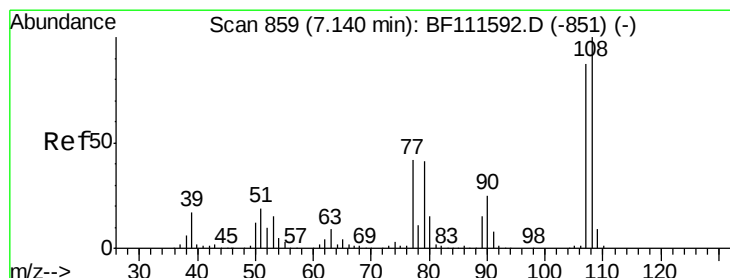
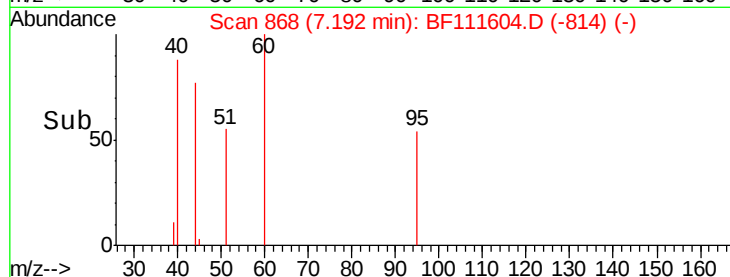
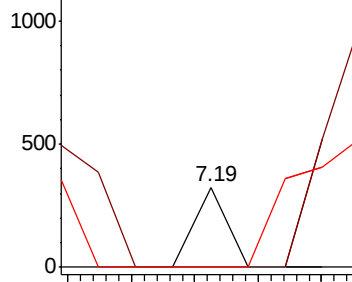
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion: 45 Resp: 115
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.5
79 0.0 0.0 28.9

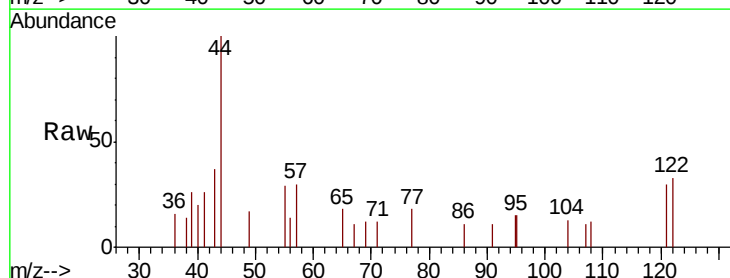


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

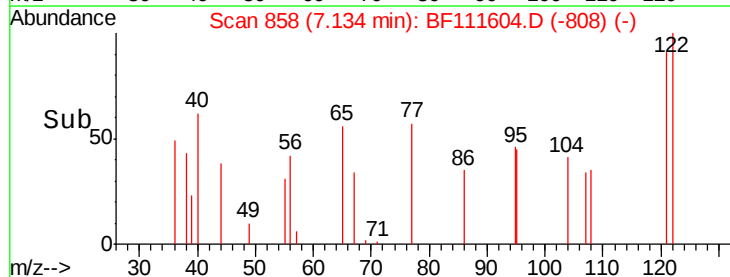
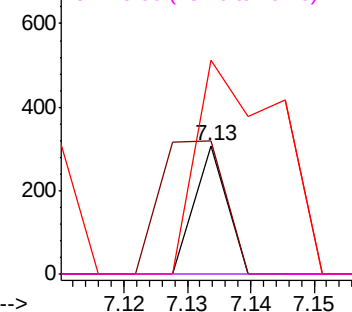


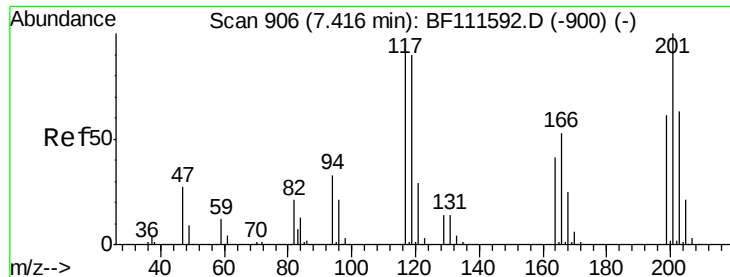
#17
2-Methylphenol
Concen: 0.010 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion: 107 Resp: 108
Ion Ratio Lower Upper
107 100
108 104.2 91.0 136.4
77 166.8 33.5 50.3#
79 0.0 33.3 49.9#



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

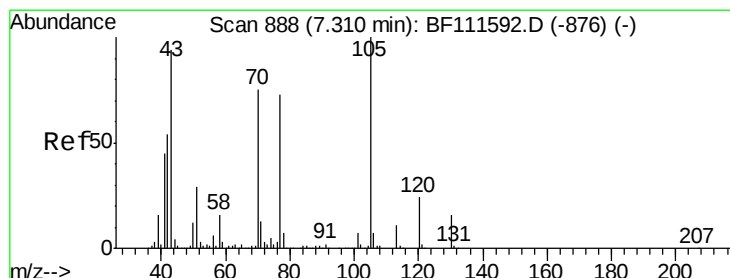
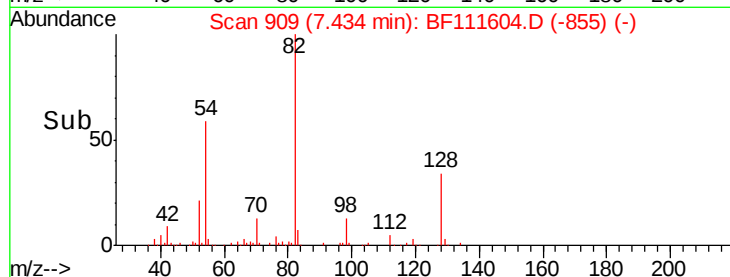
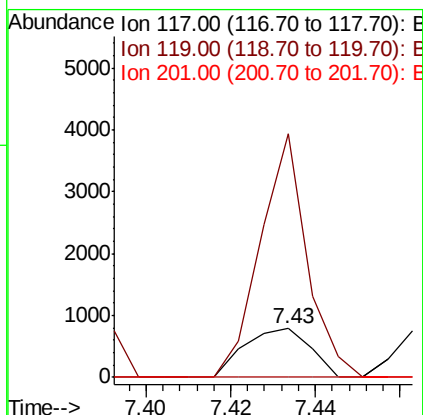
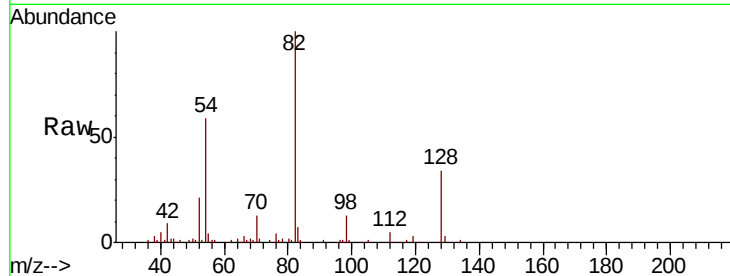




#18
Hexachloroethane
Concen: 0.166 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

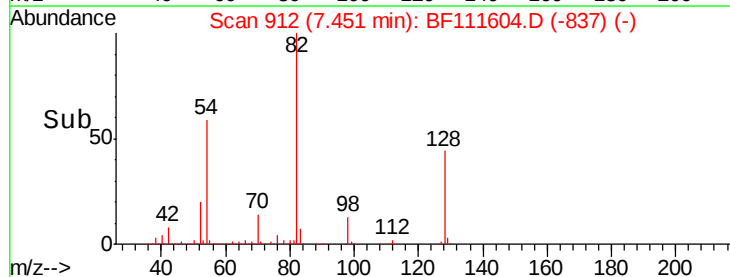
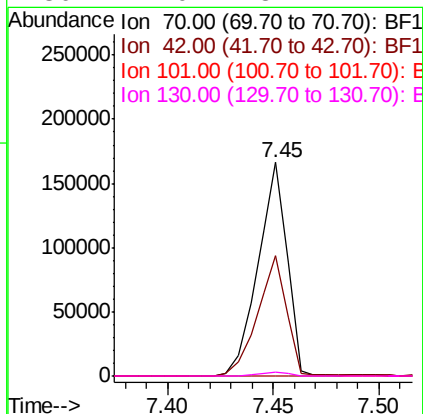
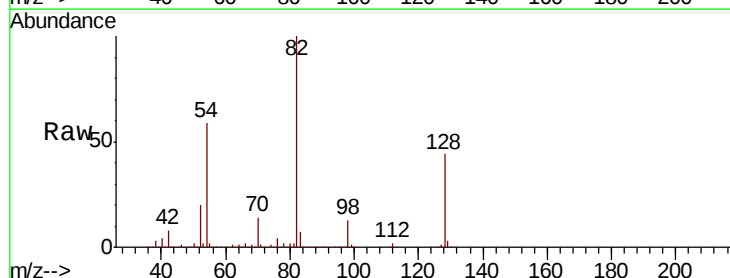
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

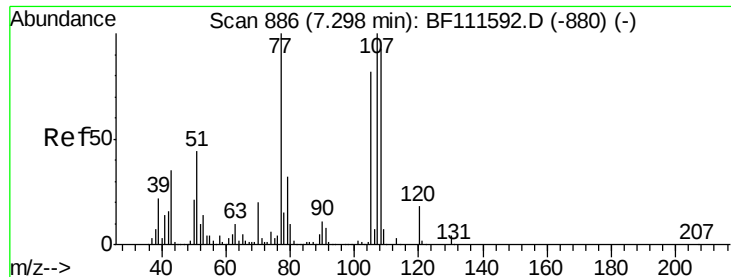
Tgt Ion: 117 Resp: 852
Ion Ratio Lower Upper
117 100
119 501.8 75.4 113.0#
201 0.0 62.4 93.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.020 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion: 70 Resp: 158340
Ion Ratio Lower Upper
70 100
42 56.5 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#

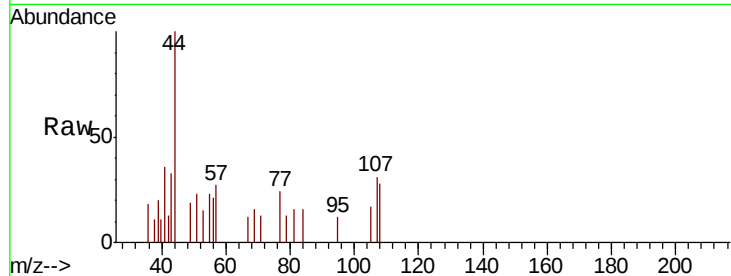




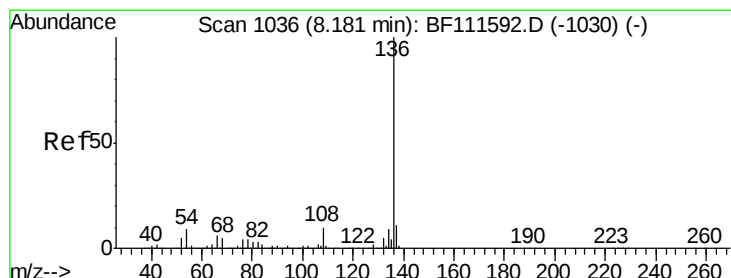
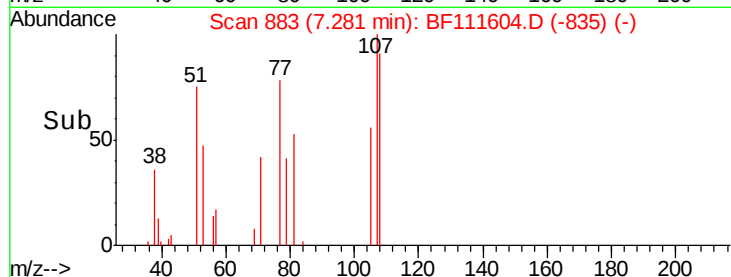
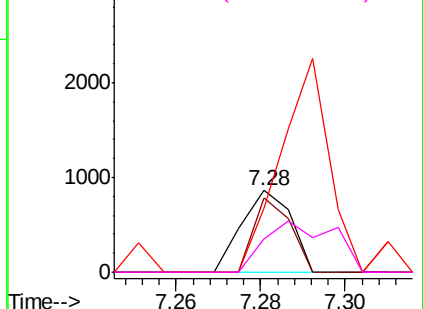
#20
3+4-Methylphenols
Concen: 0.053 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:107 Resp: 700
Ion Ratio Lower Upper
107 100
108 90.5 72.1 112.1
77 78.5 94.1 134.1#
79 41.2 9.8 49.8

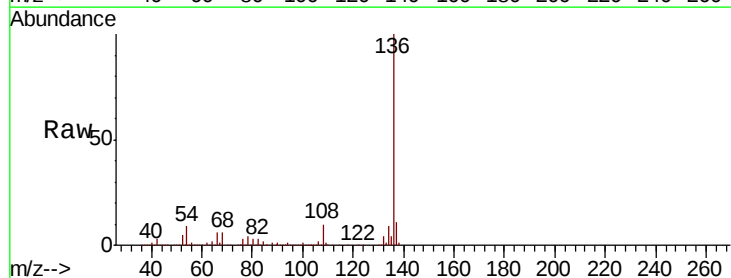


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

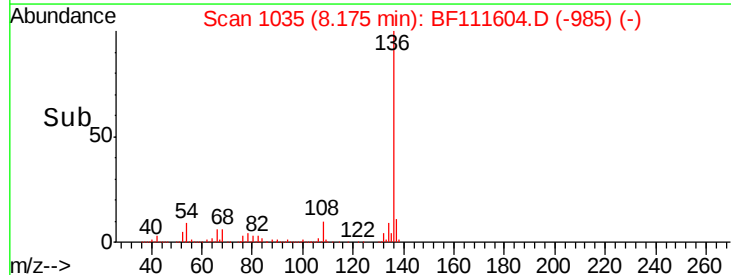
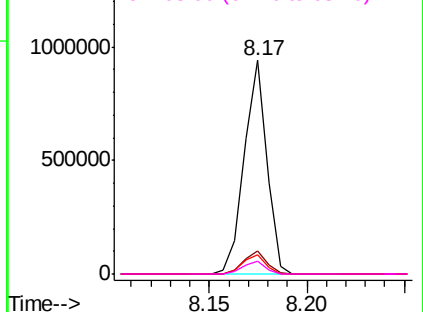


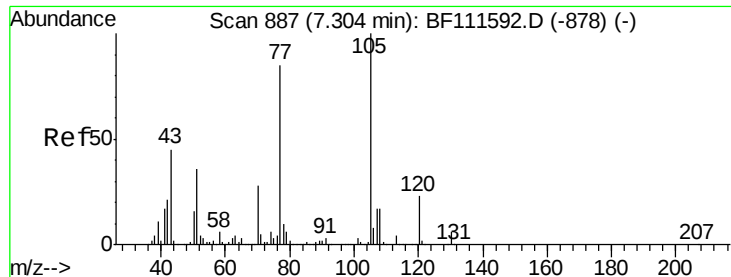
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:136 Resp: 754033
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.9 7.7 11.5
68 5.7 4.9 7.3



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: 0.154 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

Tgt Ion: 105 Resp: 2935

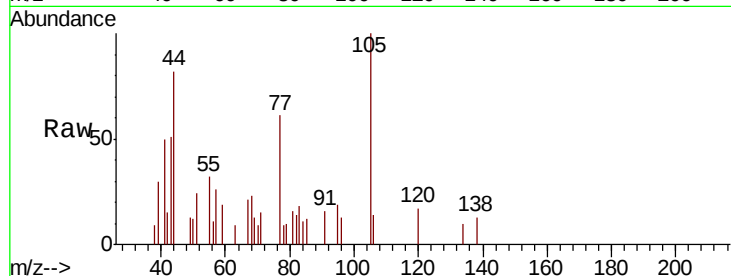
Ion Ratio Lower Upper

105 100

71 14.8 3.1 4.7#

51 24.4 36.6 54.8#

120 16.8 18.2 27.4#



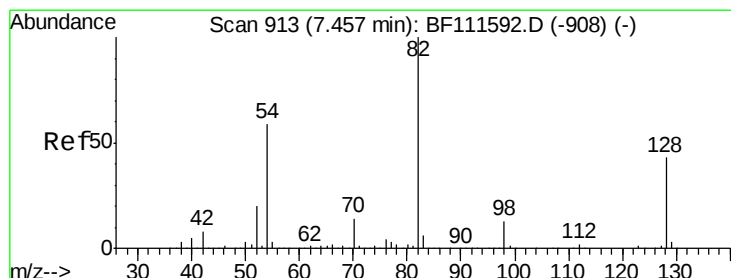
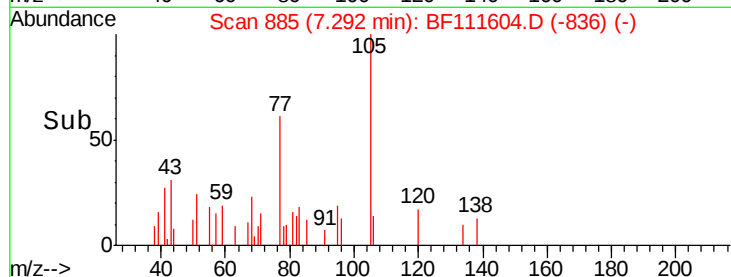
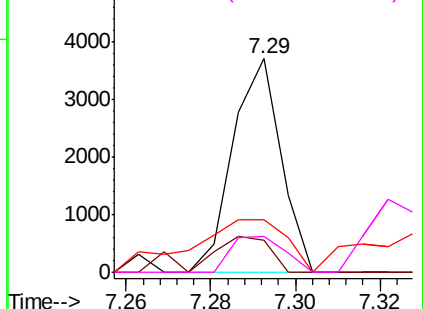
Abundance

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: 88.675 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

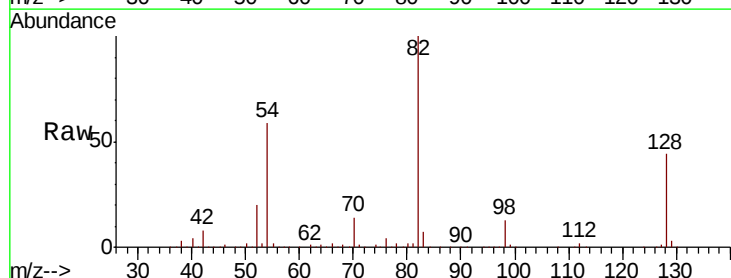
Tgt Ion: 82 Resp: 1148716

Ion Ratio Lower Upper

82 100

128 44.0 37.4 56.2

54 59.1 47.6 71.4

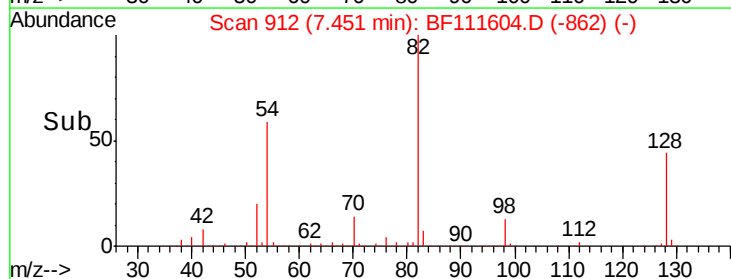
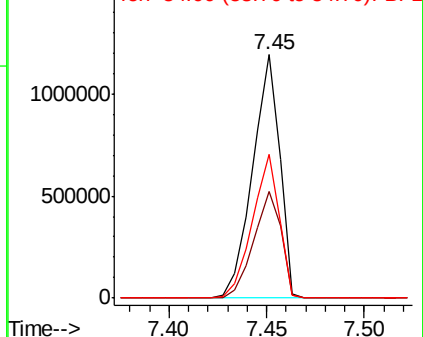


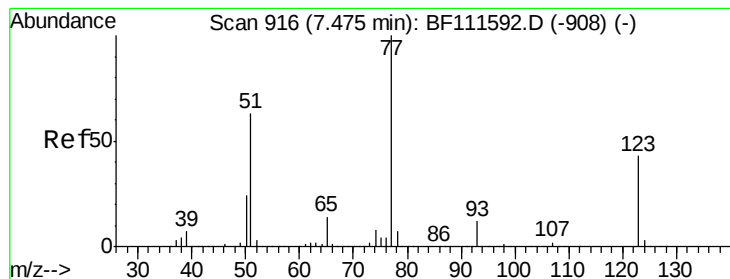
Abundance

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: 0.330 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

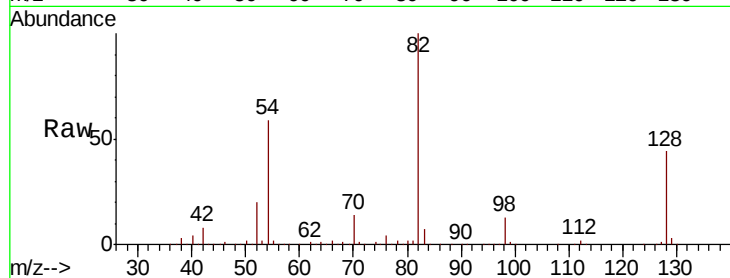
Tgt Ion: 77 Resp: 4479

Ion Ratio Lower Upper

77 100

123 0.0 37.2 55.8#

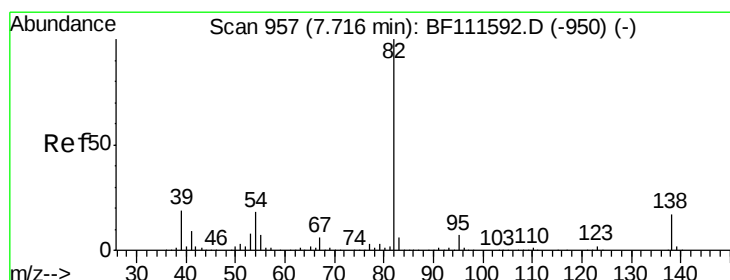
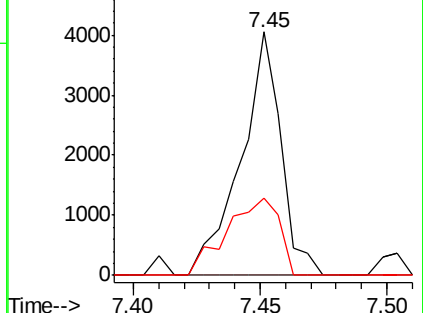
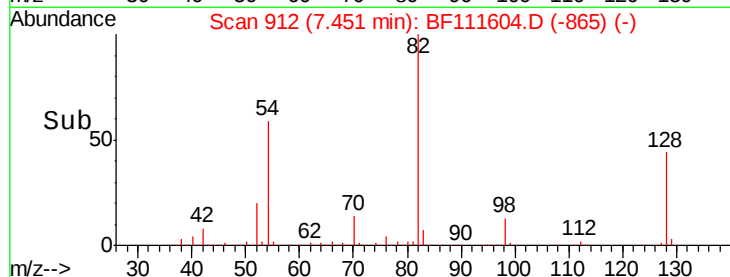
65 31.9 11.5 17.3#



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: 49.934 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

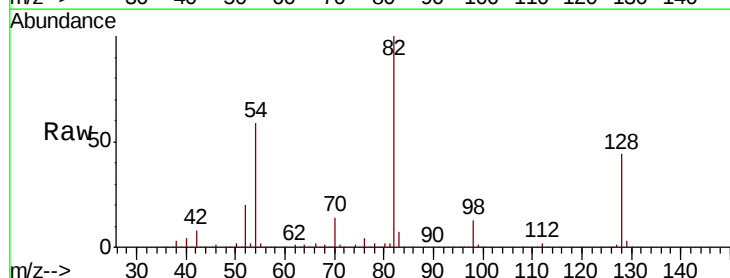
Tgt Ion: 82 Resp: 1148348

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

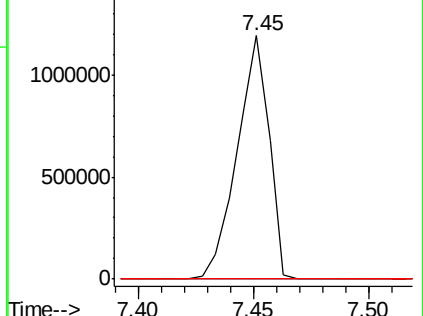
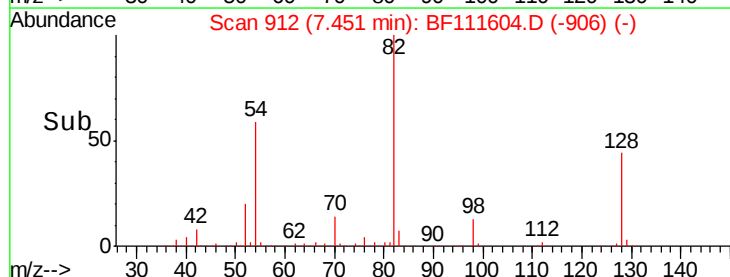
138 0.0 15.1 22.7#

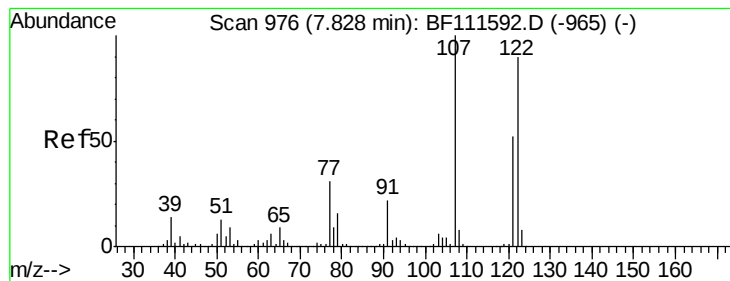


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.055 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

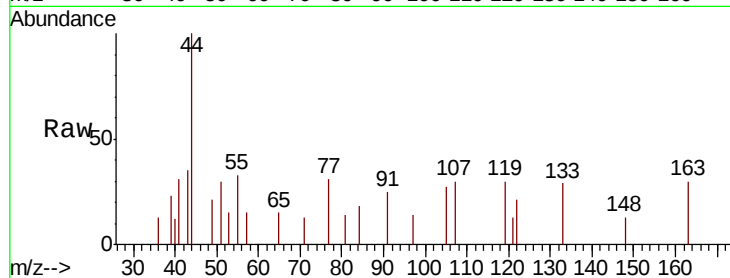
Tgt Ion:122 Resp: 601

Ion Ratio Lower Upper

122 100

107 141.2 85.5 128.3#

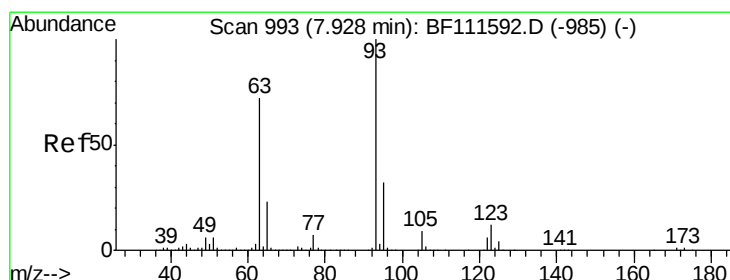
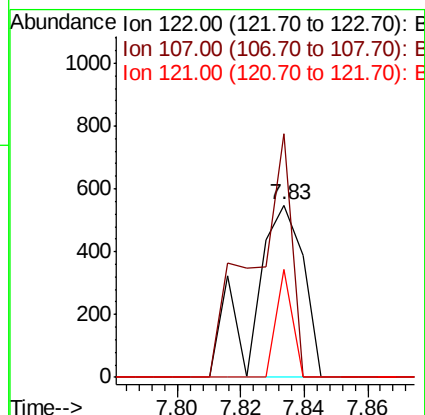
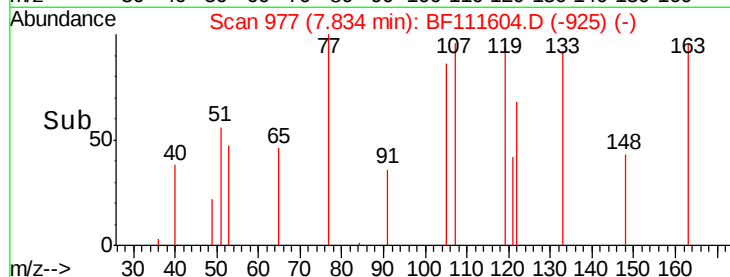
121 62.5 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.008 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.15 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

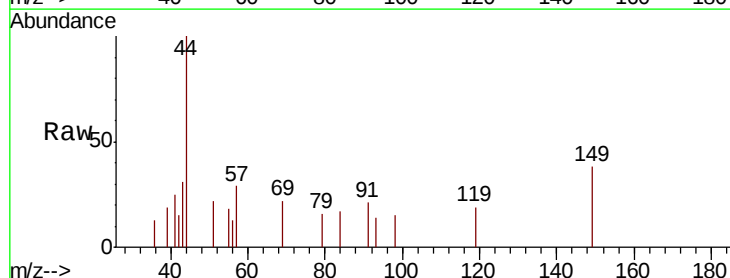
Tgt Ion: 93 Resp: 117

Ion Ratio Lower Upper

93 100

95 0.0 27.1 40.7#

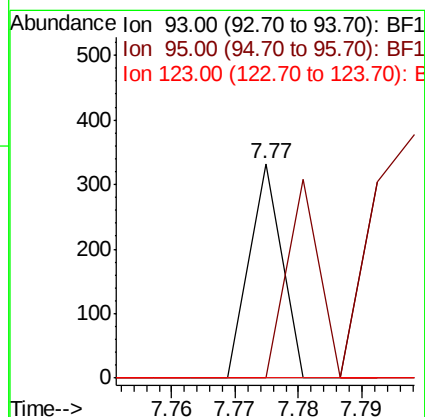
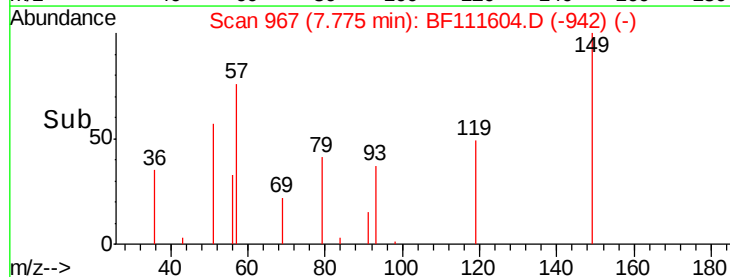
123 0.0 9.9 14.9#

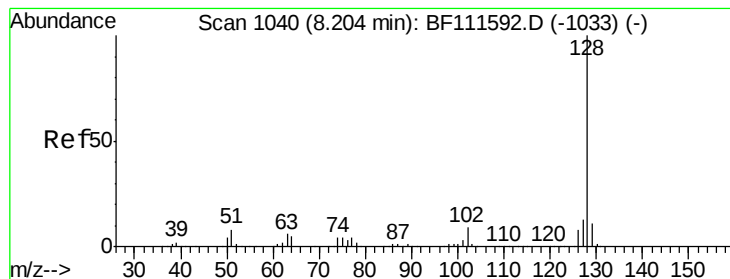


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 1.295 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

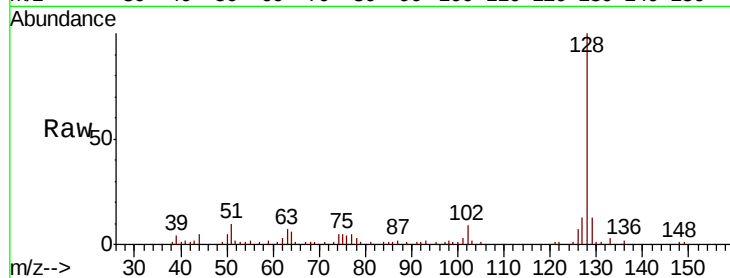
Tgt Ion:128 Resp: 46922

Ion Ratio Lower Upper

128 100

129 12.6 9.8 14.8

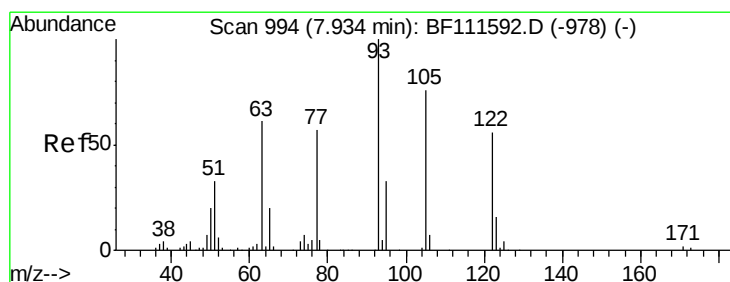
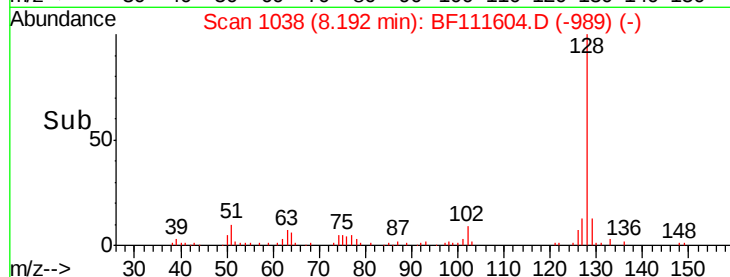
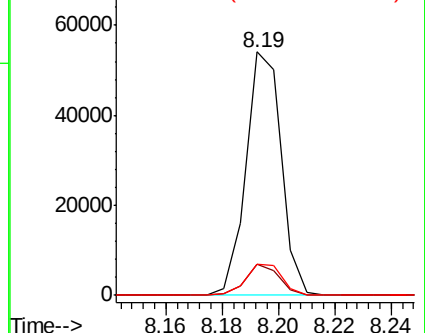
127 13.0 12.0 18.0



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: 0.019 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

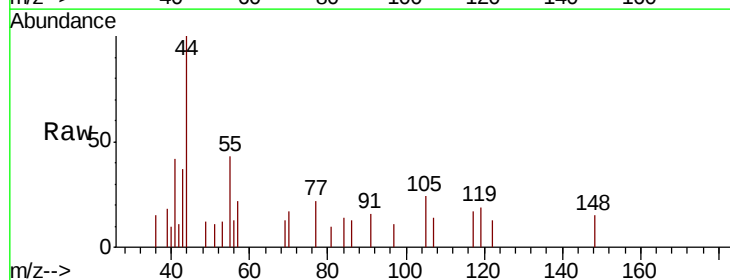
Tgt Ion:122 Resp: 137

Ion Ratio Lower Upper

122 100

105 184.3 97.0 137.0#

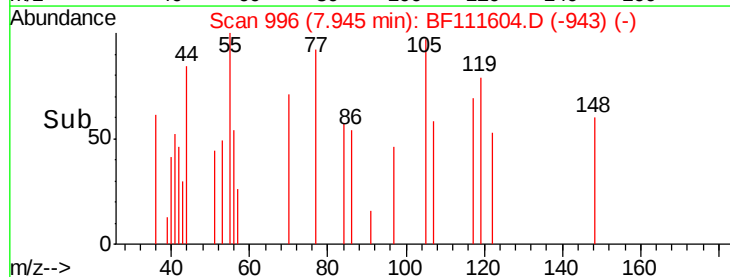
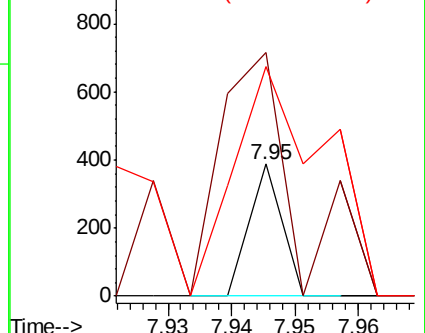
77 174.2 65.7 105.7#

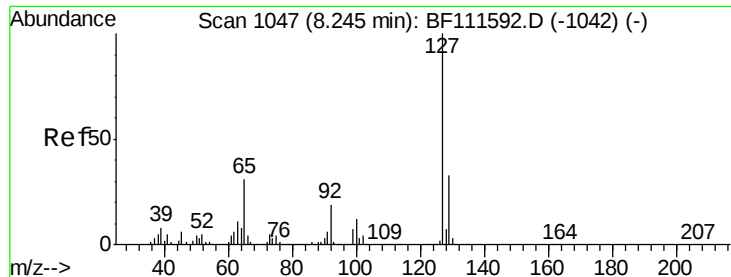


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

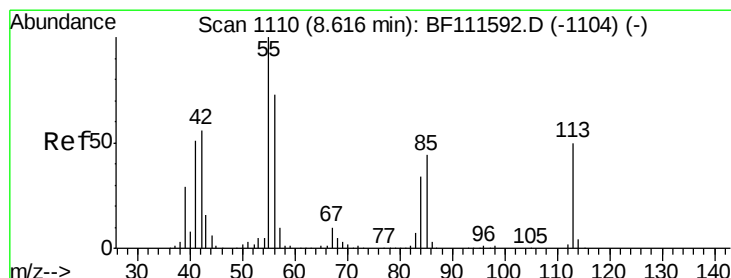
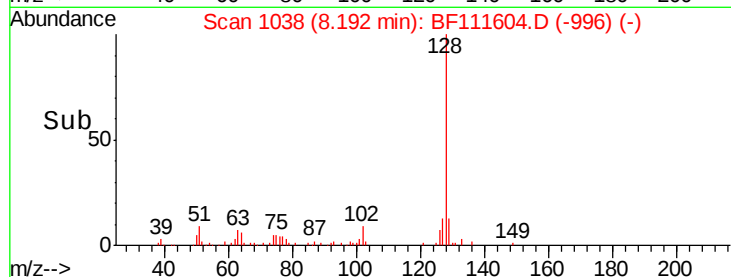
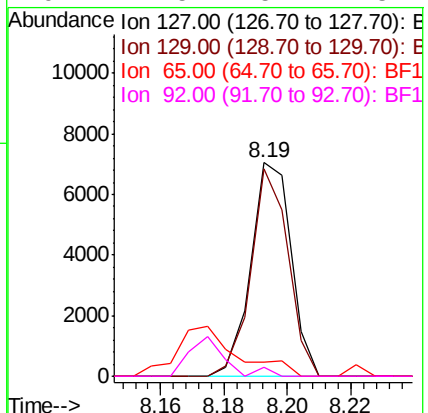
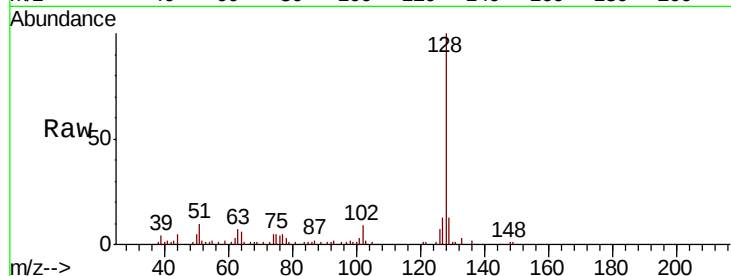




#33
 4-Chloroaniline
 Concen: 0.397 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

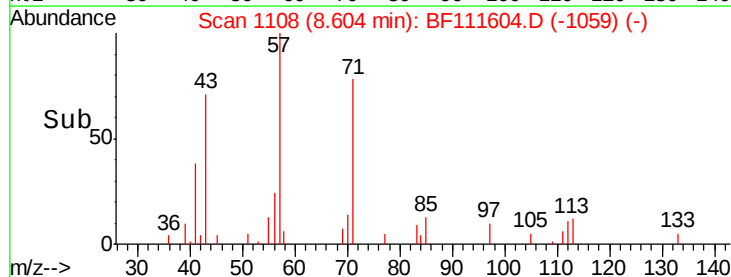
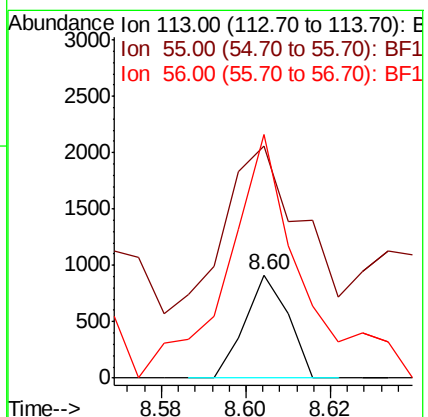
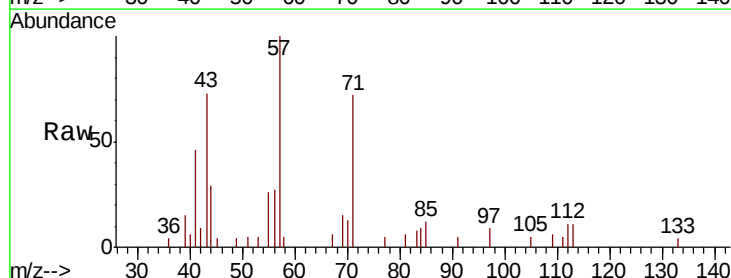
Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

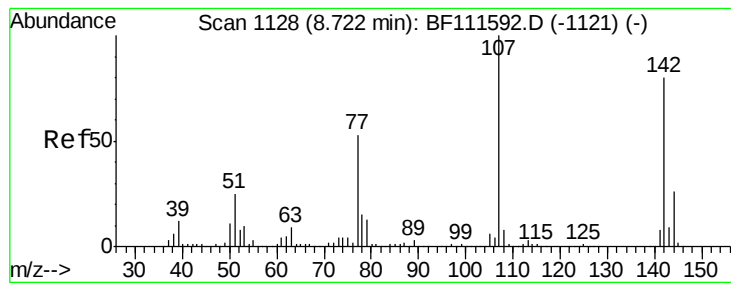
Tgt Ion:	127	Resp:	6222
Ion	Ratio	Lower	Upper
127	100		
129	96.8	26.6	39.8#
65	6.6	25.7	38.5#
92	4.5	15.4	23.2#



#35
 Caprolactam
 Concen: 0.165 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion:	113	Resp:	652
Ion	Ratio	Lower	Upper
113	100		
55	224.5	184.1	224.1#
56	235.4	126.0	166.0#





#36

4-Chloro-3-methylphenol

Concen: 0.010 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

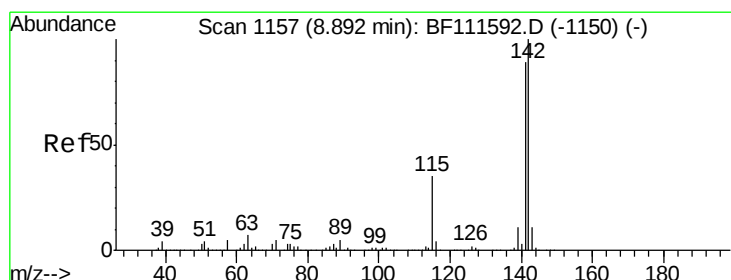
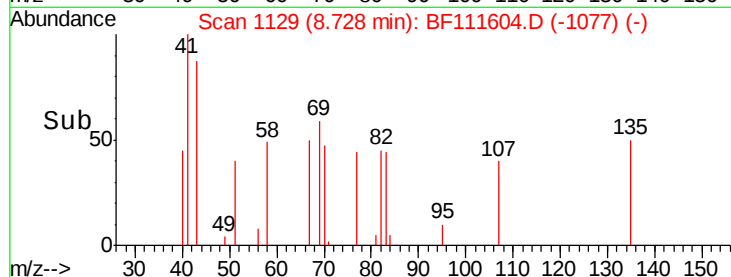
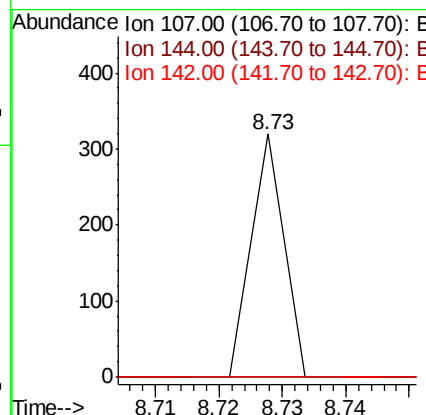
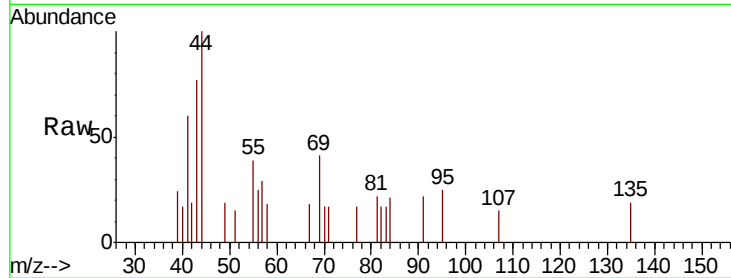
Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

Tgt Ion:	107	Resp:	113
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#



#37

2-Methylnaphthalene

Concen: 0.856 ng

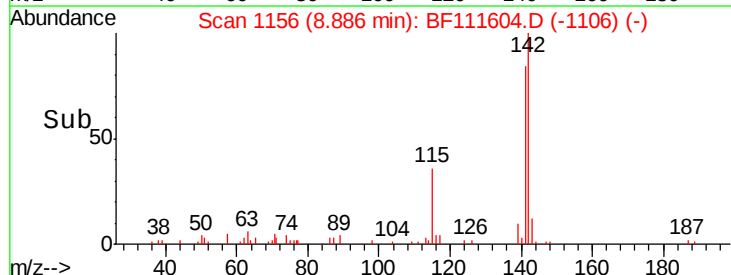
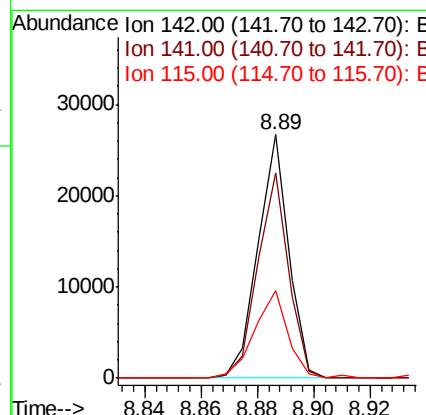
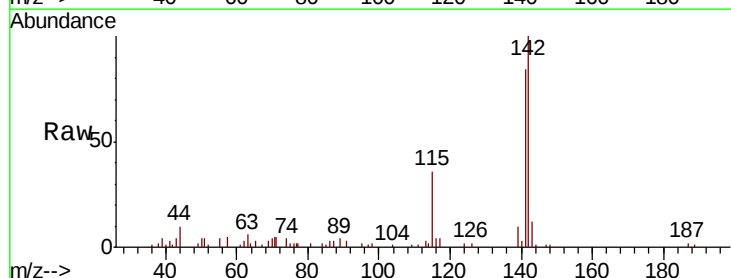
RT: 8.89 min Scan# 1156

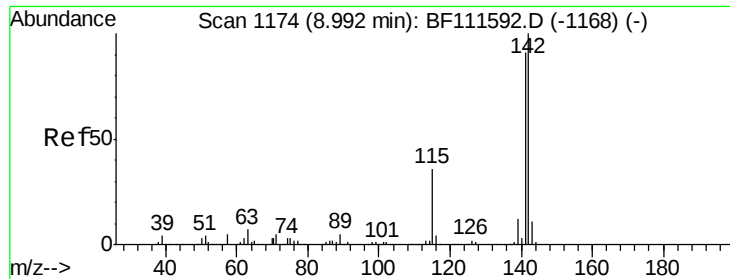
Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Tgt Ion:	142	Resp:	20177
Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.6	105.8
115	36.0	27.0	40.6

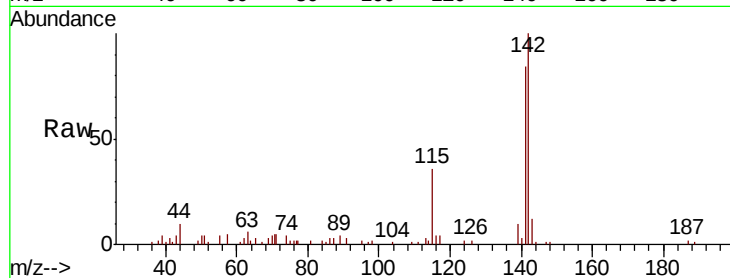




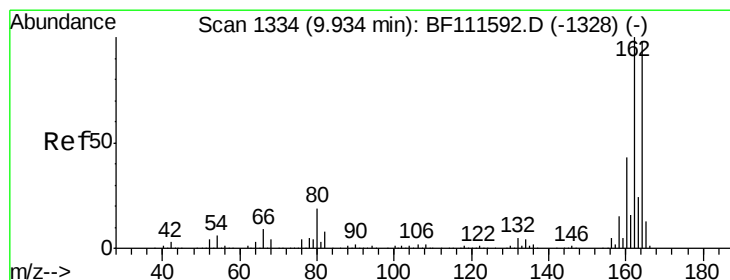
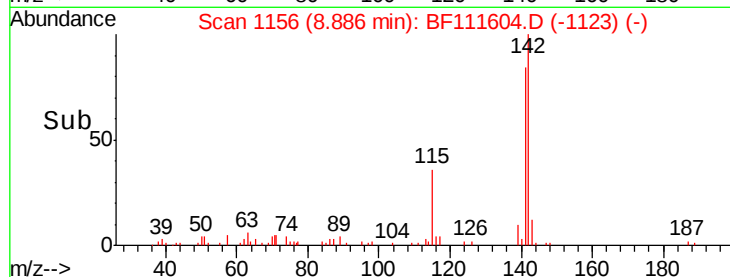
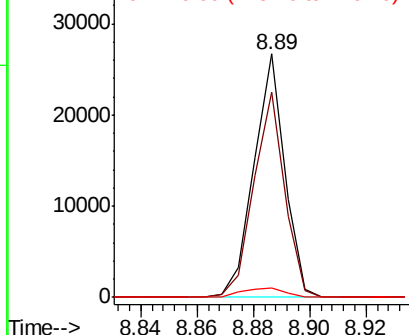
#38
1-Methylnaphthalene
Concen: 0.891 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.11 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:142 Resp: 20177
Ion Ratio Lower Upper
142 100
141 84.1 74.2 111.4
116 3.9 2.9 4.3

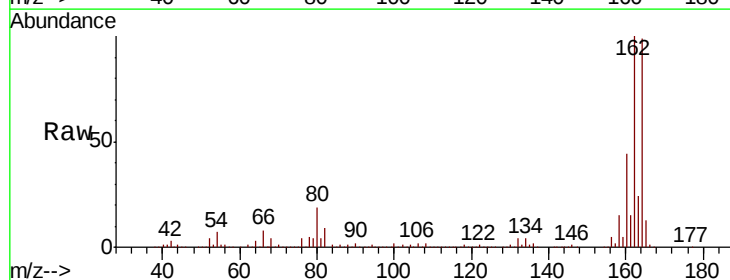


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

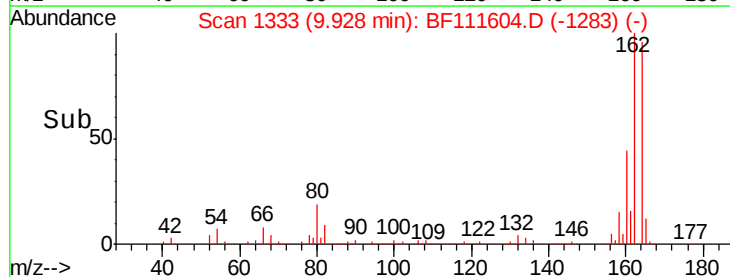
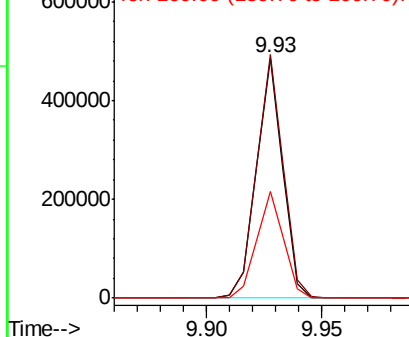


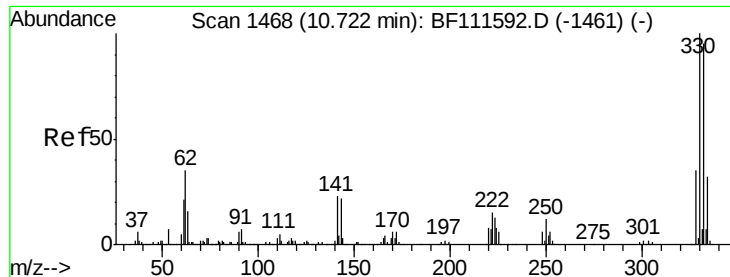
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:164 Resp: 385843
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

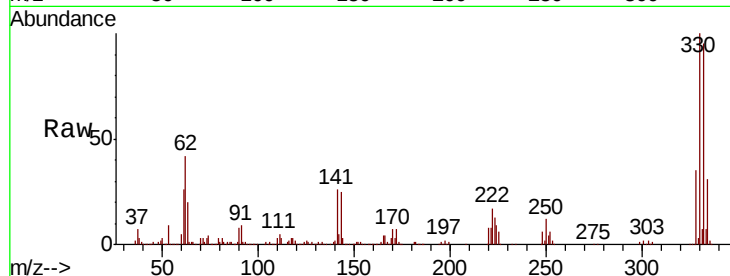




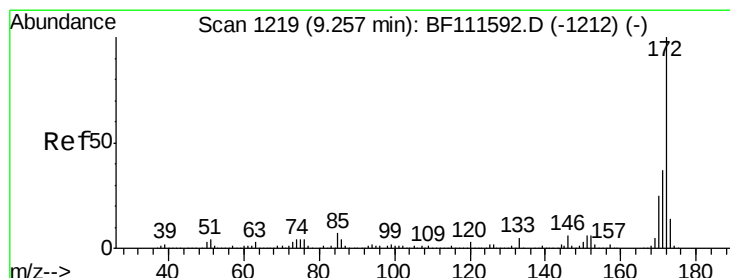
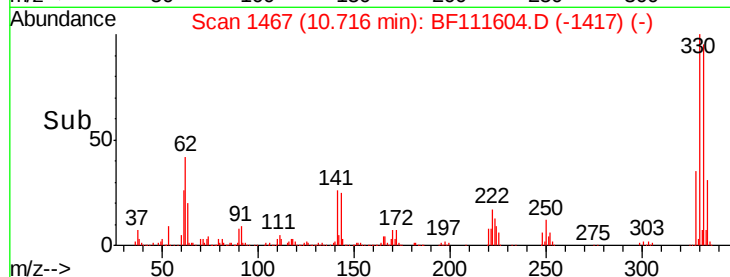
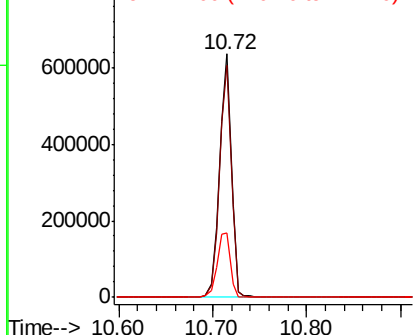
#42
 2,4,6-Tribromophenol
 Concen: 123.205 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

Tgt Ion:330 Resp: 561697
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 29.5 31.0 46.6#

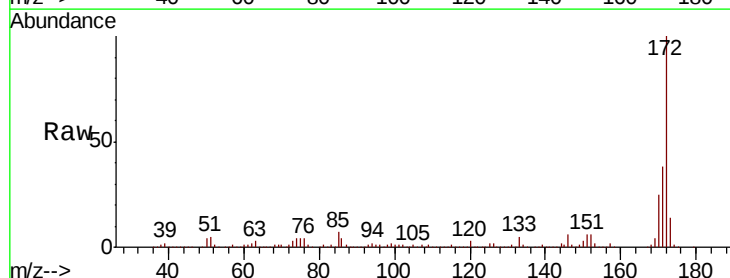


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

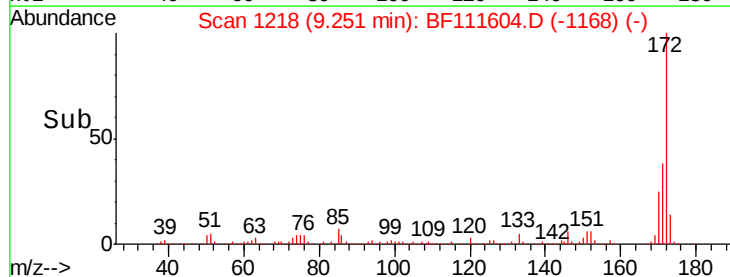
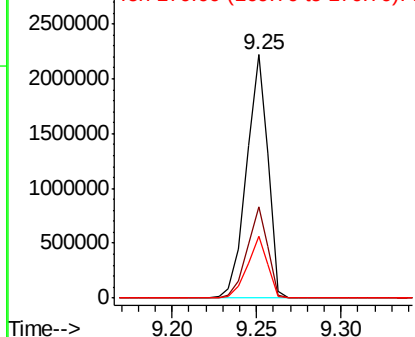


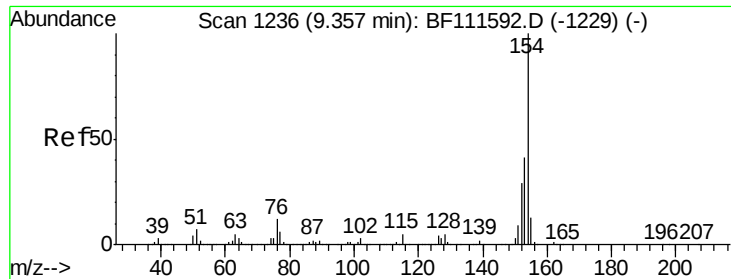
#45
 2-Fluorobiphenyl
 Concen: 73.941 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion:172 Resp: 1957328
 Ion Ratio Lower Upper
 172 100
 171 37.5 33.0 49.4
 170 25.2 22.3 33.5



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

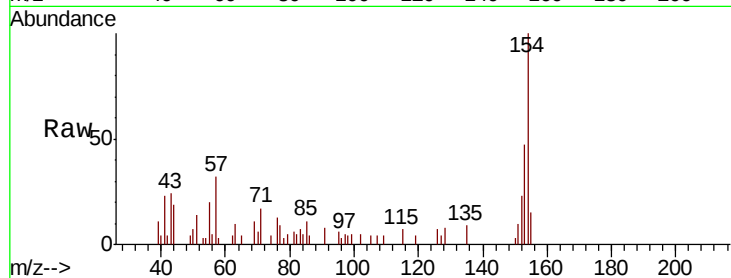




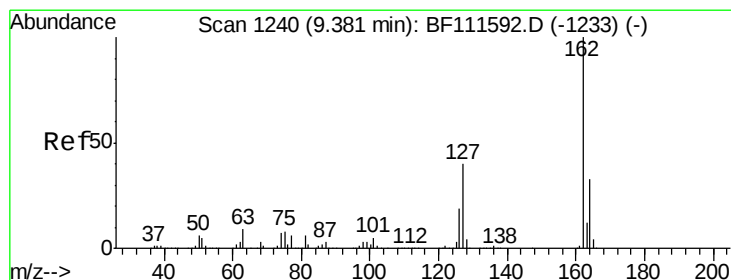
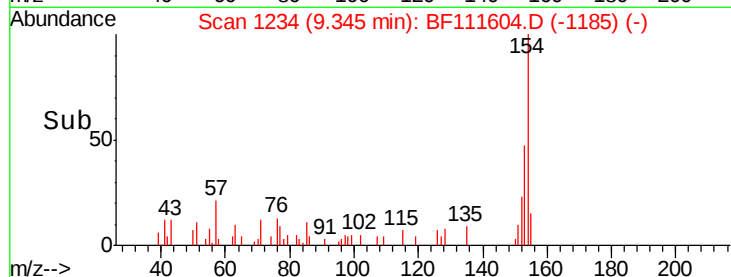
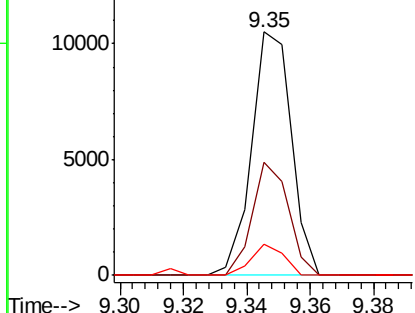
#46
 1,1'-Biphenyl
 Concen: 0.282 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

Tgt Ion:154 Resp: 9169
 Ion Ratio Lower Upper
 154 100
 153 46.6 23.7 63.7
 76 12.9 0.0 35.0

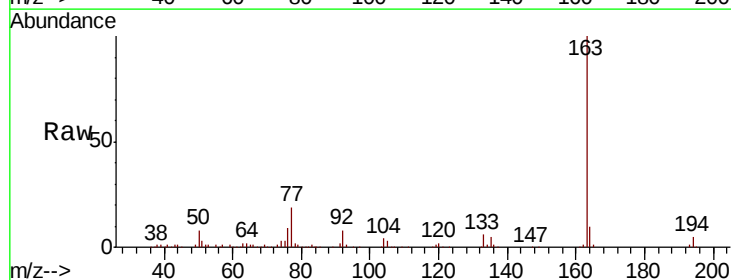


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

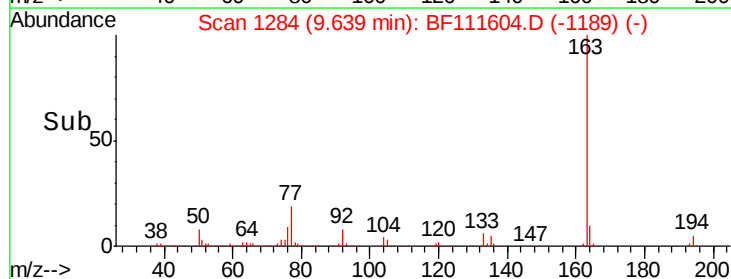
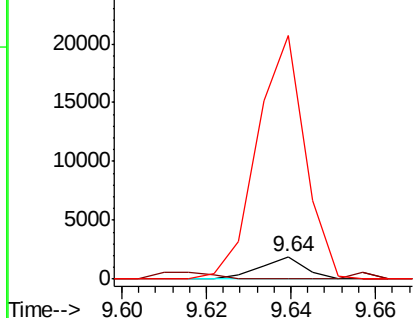


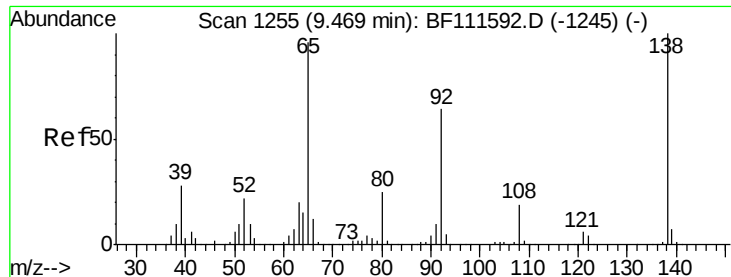
#47
 2-Chloronaphthalene
 Concen: 0.055 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.26 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion:162 Resp: 1407
 Ion Ratio Lower Upper
 162 100
 127 0.0 35.0 52.4#
 164 1085.8 28.4 42.6#



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

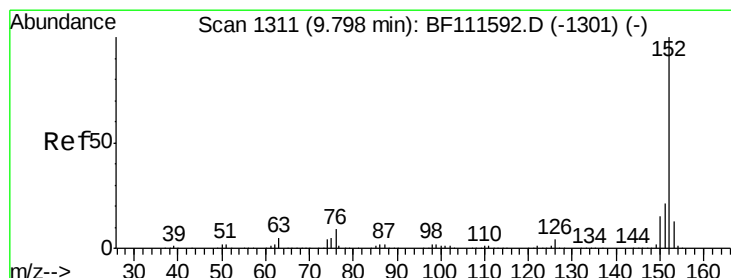
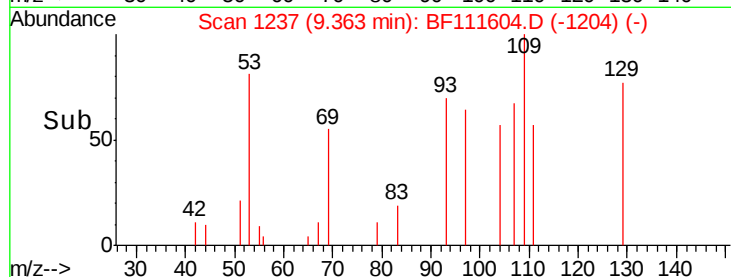
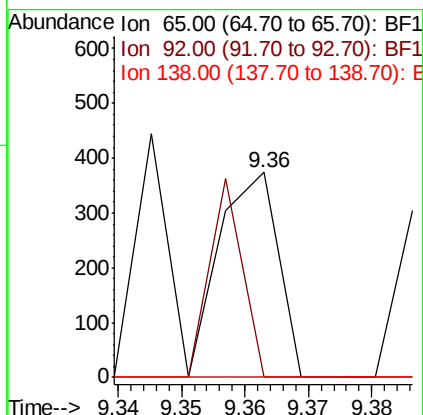
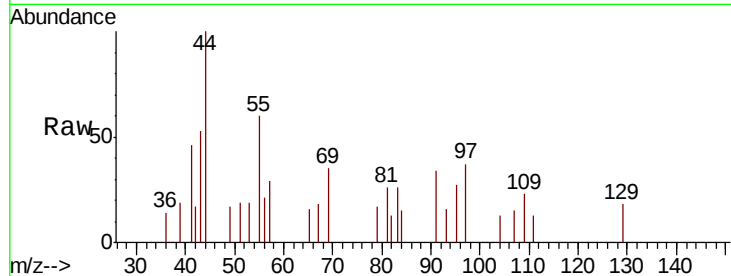




#48
2-Nitroaniline
Concen: 0.036 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.11 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

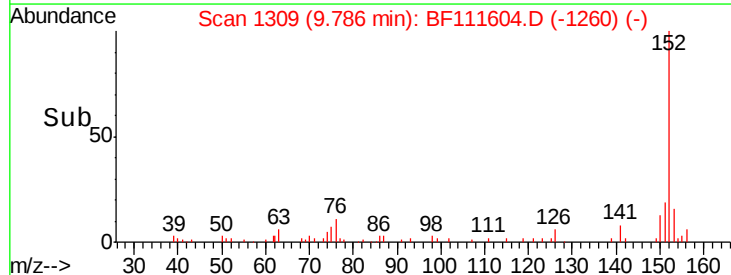
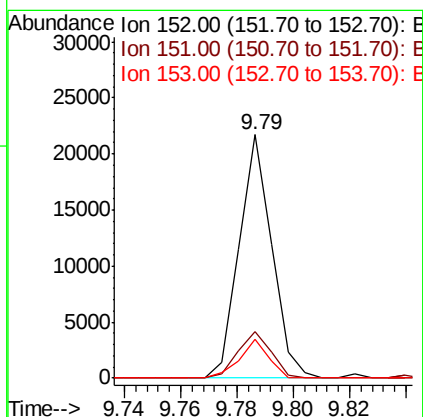
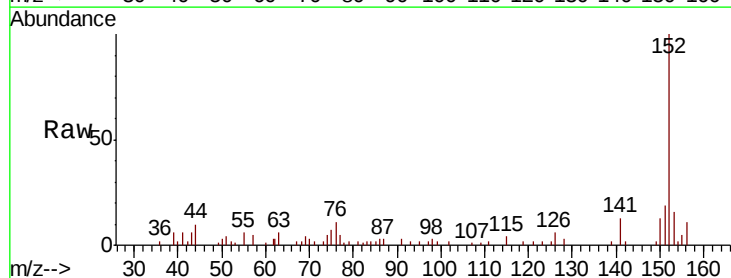
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

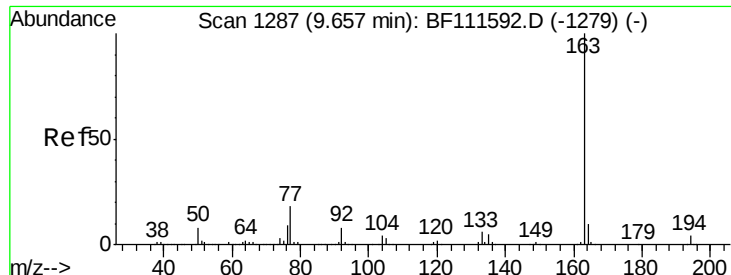
Tgt Ion: 65 Resp: 240
Ion Ratio Lower Upper
65 100
92 0.0 53.5 80.3#
138 0.0 80.9 121.3#



#49
Acenaphthylene
Concen: 0.461 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion: 152 Resp: 17379
Ion Ratio Lower Upper
152 100
151 19.2 18.0 27.0
153 16.1 12.3 18.5

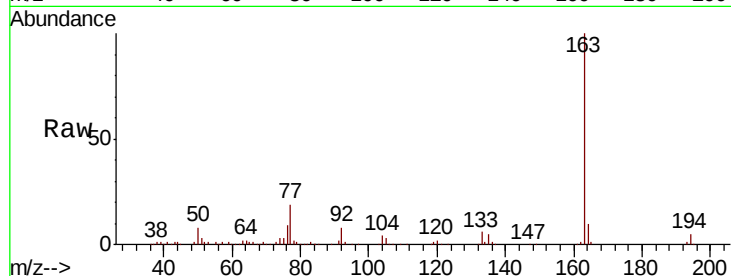




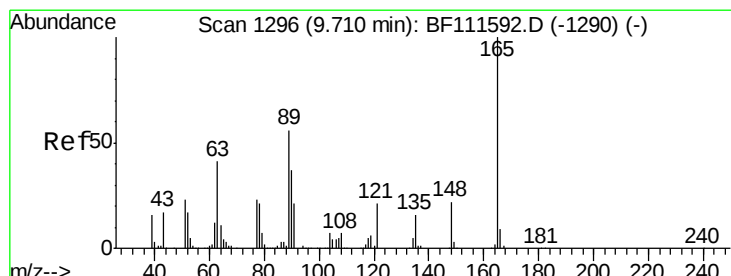
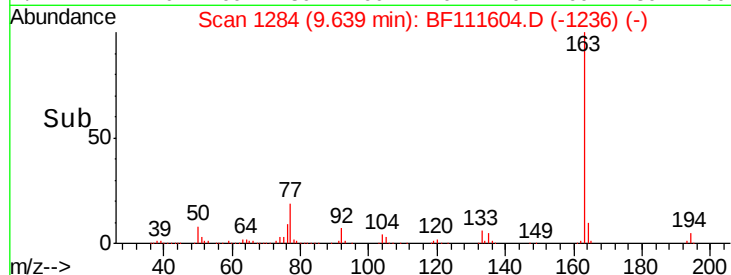
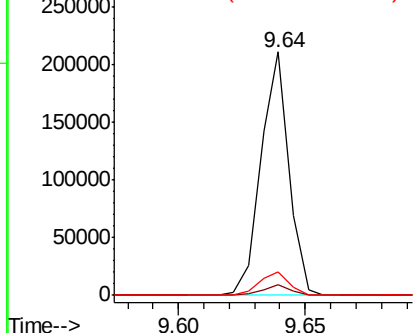
#50
Dimethylphthalate
Concen: 5.708 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	9.8	8.9	13.3

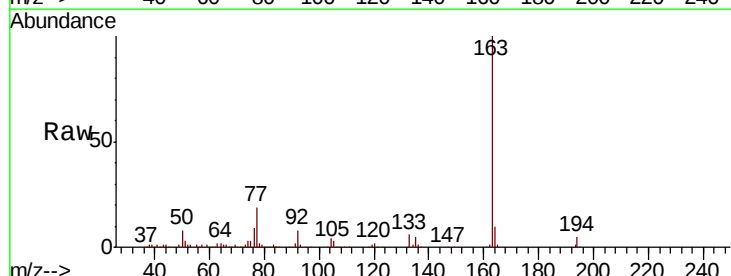


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

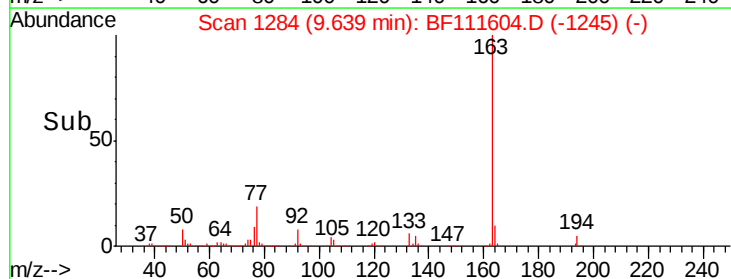
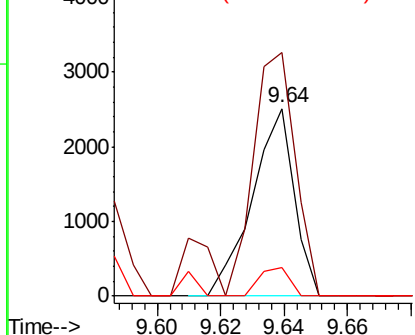


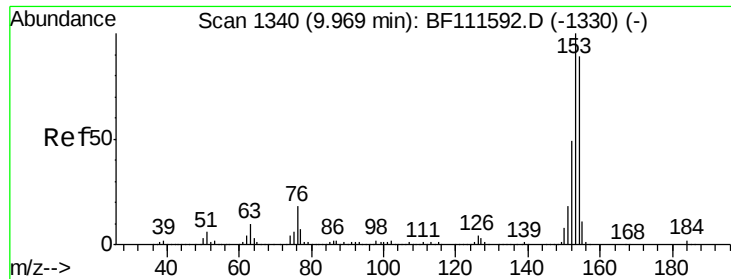
#51
2,6-Dinitrotoluene
Concen: 0.412 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	129.6	40.5	60.7#
89	15.5	40.0	60.0#



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: 0.245 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

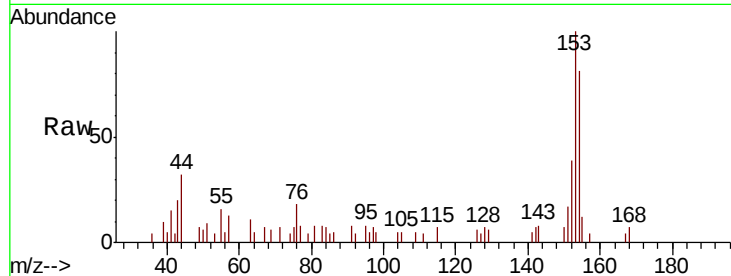
Tgt Ion:154 Resp: 5702

Ion Ratio Lower Upper

154 100

153 123.0 87.8 131.8

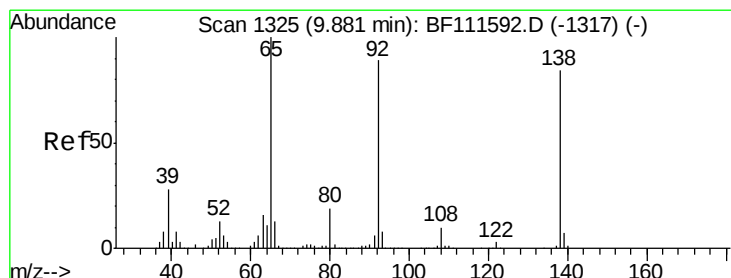
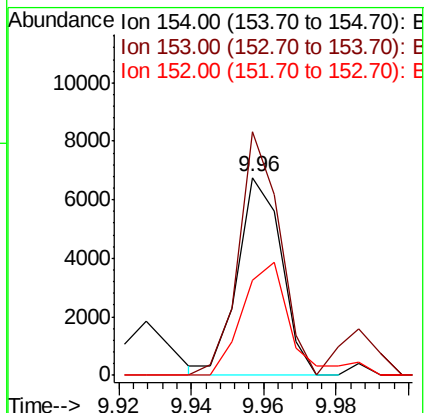
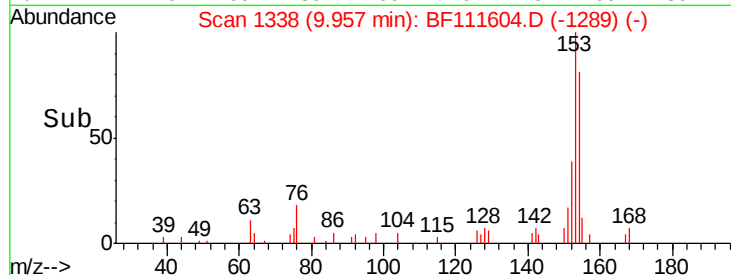
152 48.4 43.4 65.2



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: 0.022 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.25 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

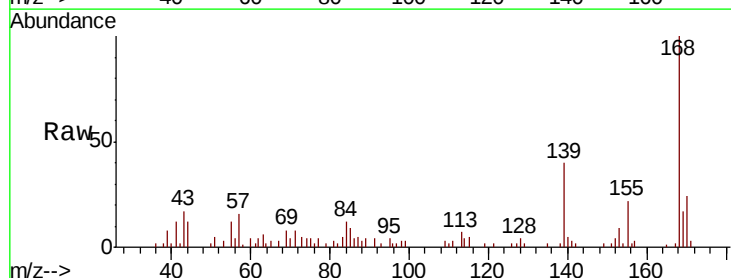
Tgt Ion:138 Resp: 132

Ion Ratio Lower Upper

138 100

108 0.0 8.2 12.4#

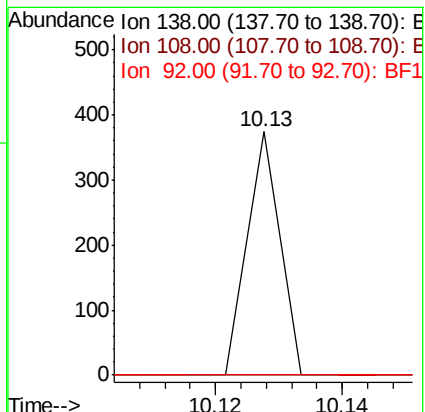
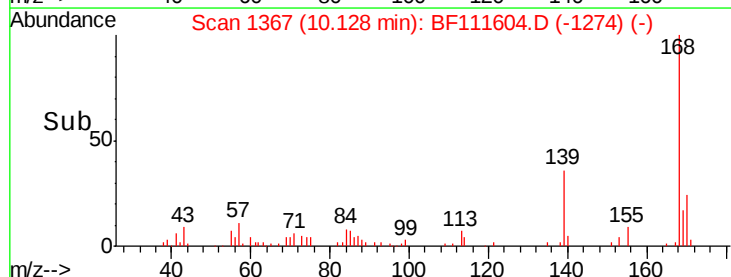
92 0.0 93.4 140.2#

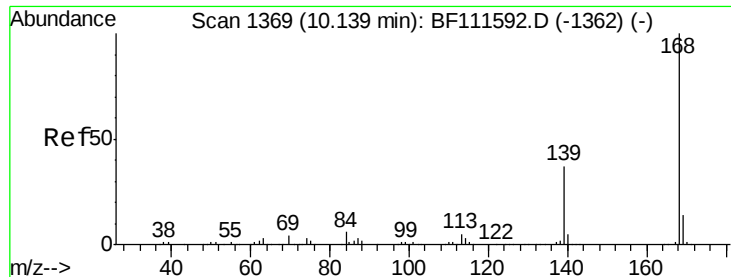


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

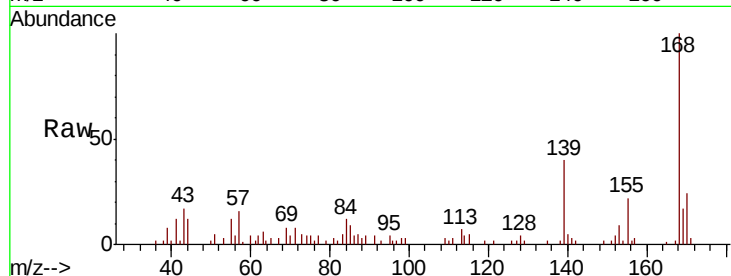




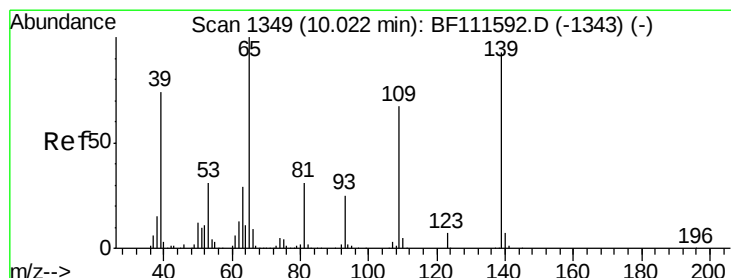
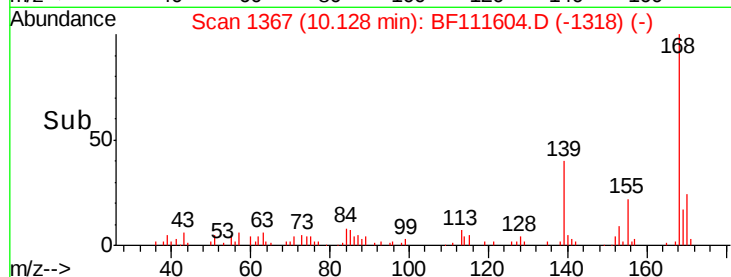
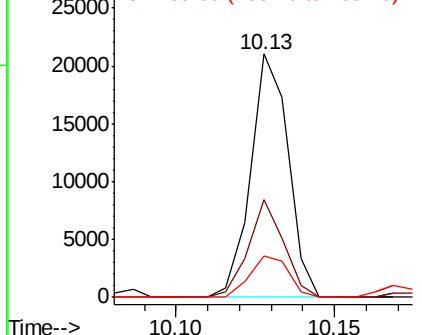
#55
Dibenzofuran
Concen: 0.493 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:168 Resp: 17296
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 17.2 11.8 17.6

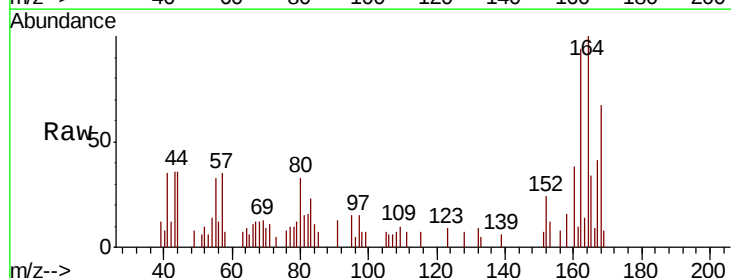


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

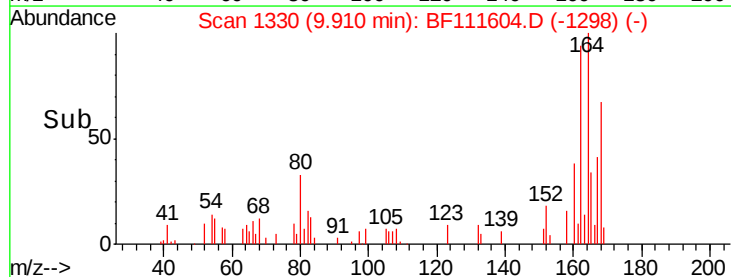
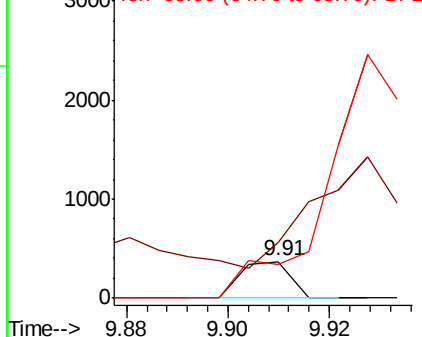


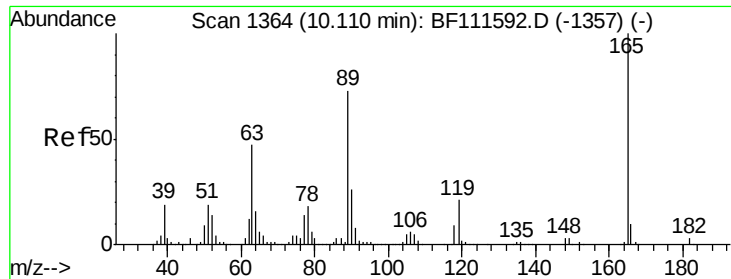
#56
4-Nitrophenol
Concen: 0.055 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.11 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:139 Resp: 250
Ion Ratio Lower Upper
139 100
109 150.7 41.8 81.8#
65 92.4 79.6 119.6



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

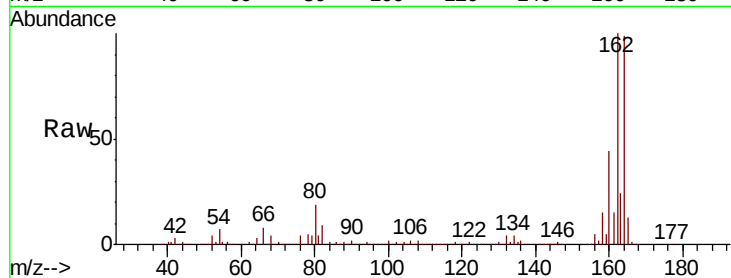




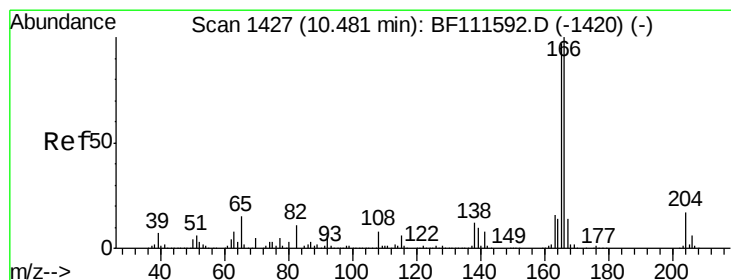
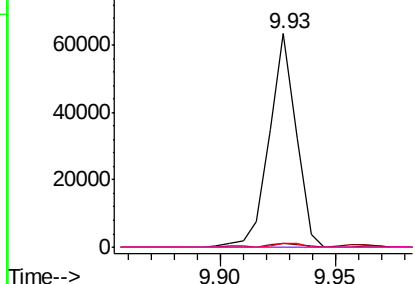
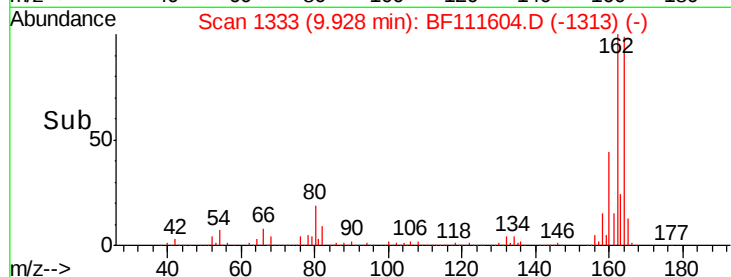
#57
2,4-Dinitrotoluene
Concen: 7.592 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:	165	Resp:	51339
Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#

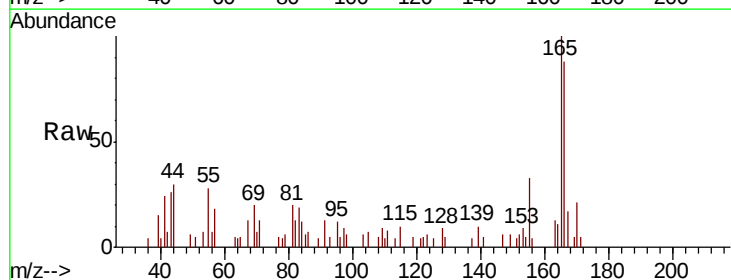


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

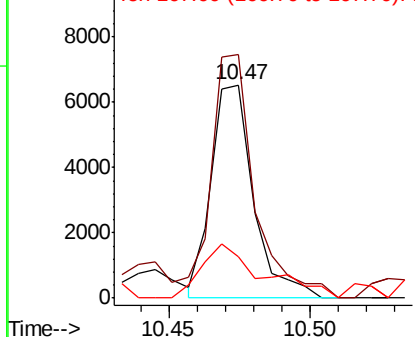
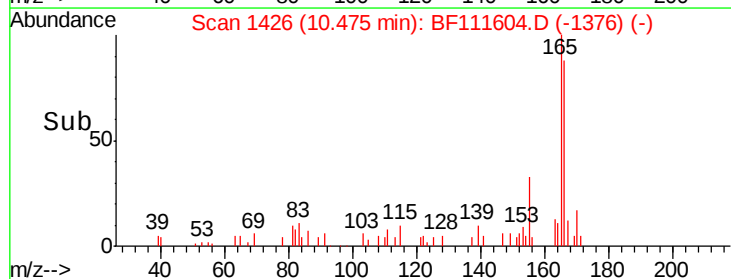


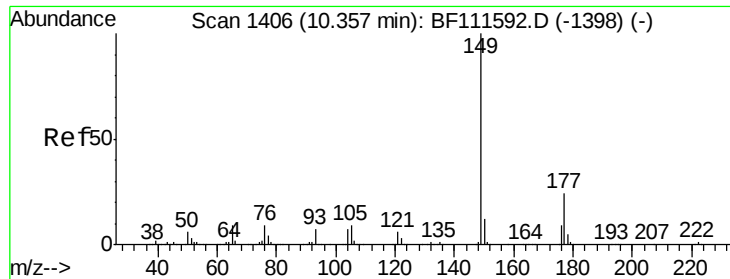
#58
Fluorene
Concen: 0.270 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:	166	Resp:	6838
Ion	Ratio	Lower	Upper
166	100		
165	114.2	78.4	117.6
167	19.3	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

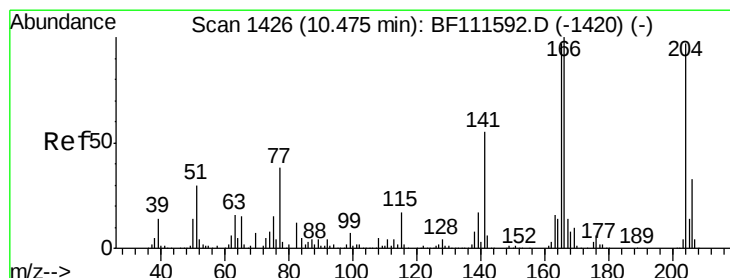
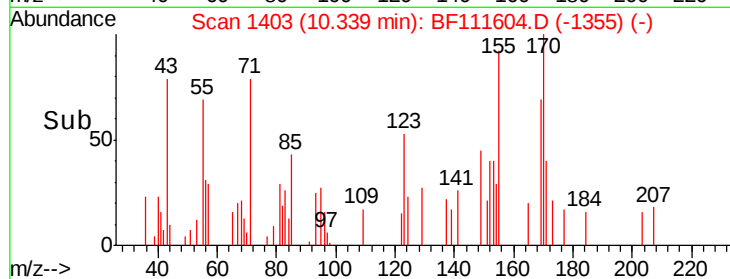
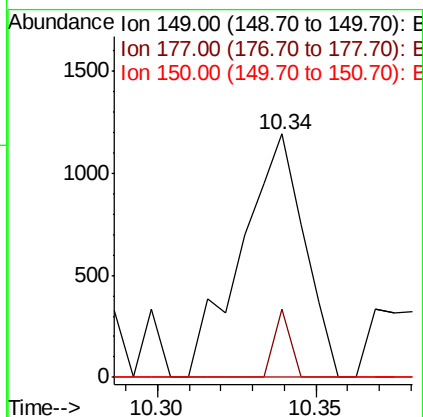
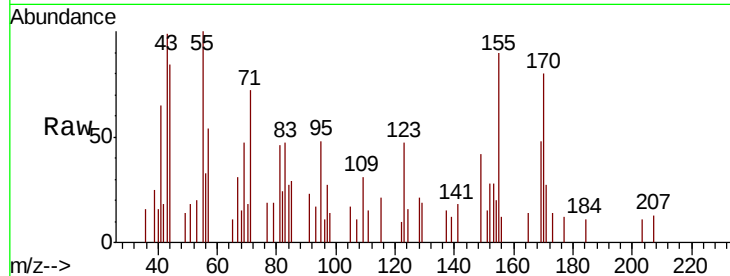




#60
Diethylphthalate
Concen: 0.059 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

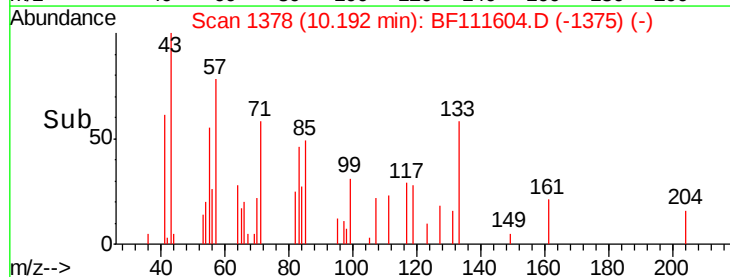
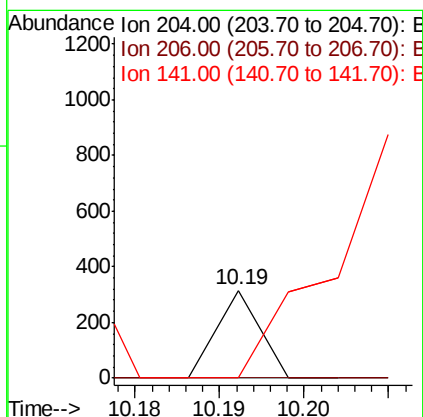
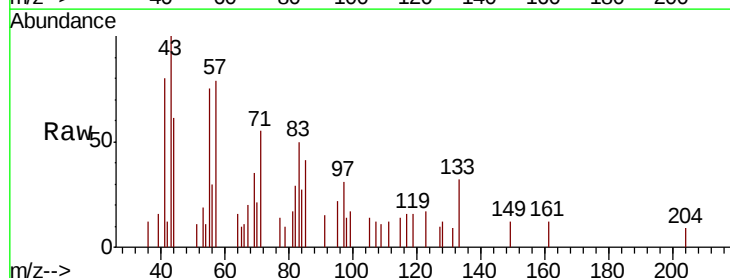
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

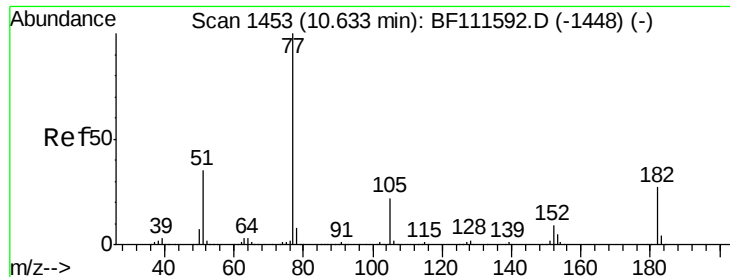
Tgt Ion:149 Resp: 1645
Ion Ratio Lower Upper
149 100
177 28.1 18.3 27.5#
150 0.0 10.6 15.8#



#61
4-Chlorophenyl-phenylether
Concen: 0.008 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.28 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:204 Resp: 111
Ion Ratio Lower Upper
204 100
206 0.0 26.6 39.8#
141 0.0 52.6 78.8#





#63

Azobenzene

Concen: 0.030 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

Tgt Ion: 77 Resp: 826

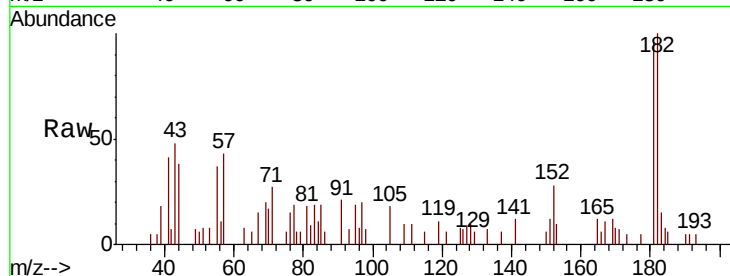
Ion Ratio Lower Upper

77 100

182 530.0 4.9 44.9#

105 94.8 6.0 46.0#

51 44.1 14.7 54.7

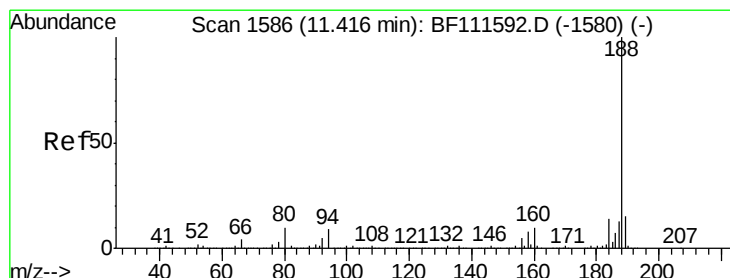
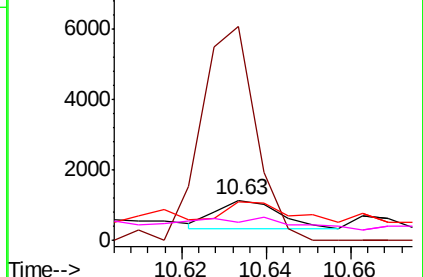
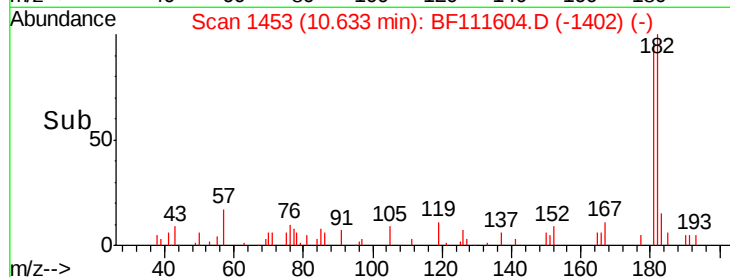


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

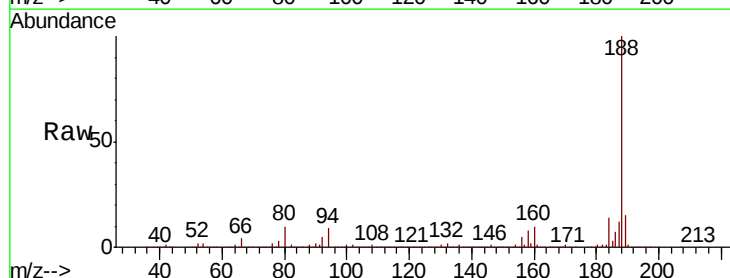
Tgt Ion: 188 Resp: 732507

Ion Ratio Lower Upper

188 100

94 8.9 9.6 14.4#

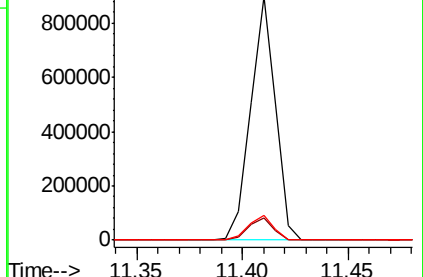
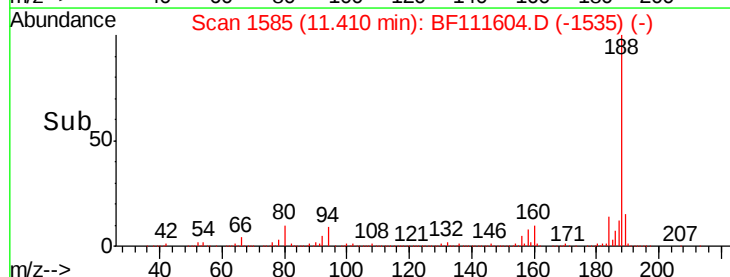
80 10.1 9.8 14.6

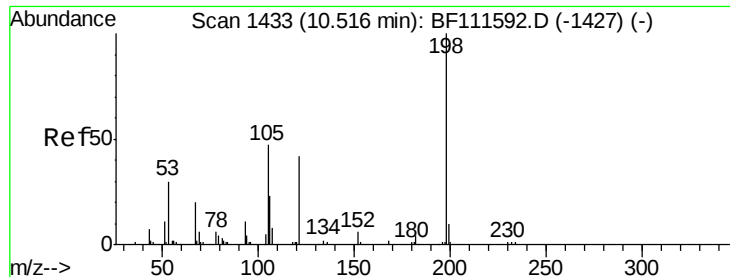


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

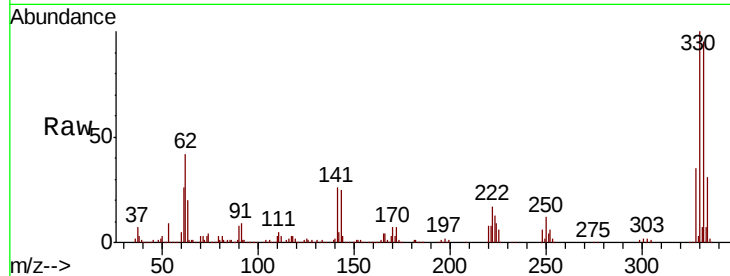




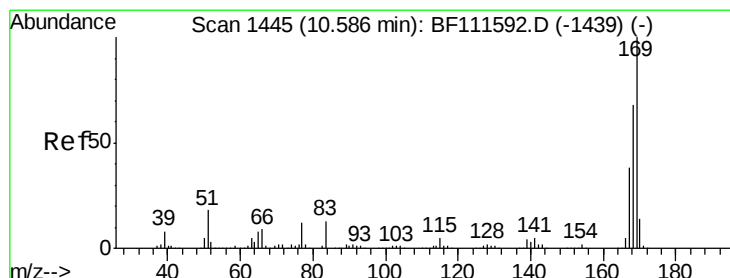
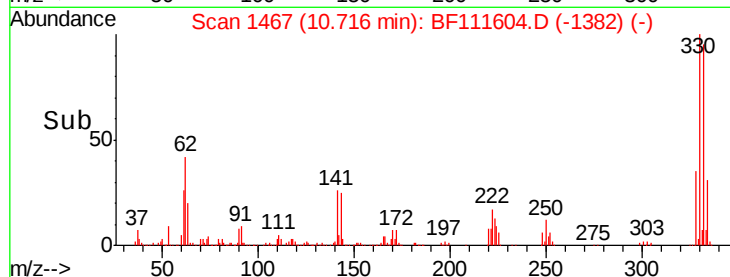
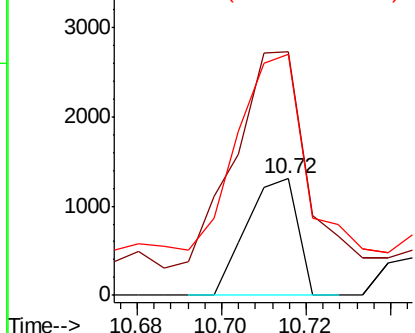
#65
4,6-Dinitro-2-methylphenol
Concen: 7.004 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:198 Resp: 1095
Ion Ratio Lower Upper
198 100
51 209.1 48.0 88.0#
105 207.1 34.0 74.0#

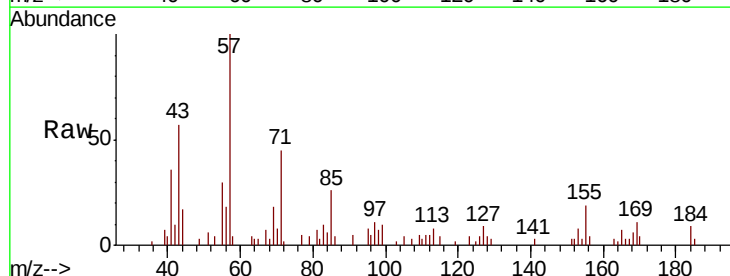


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

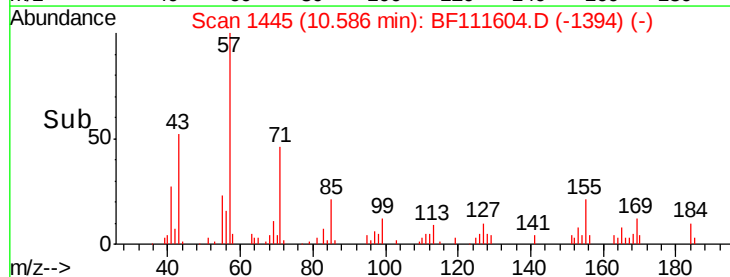
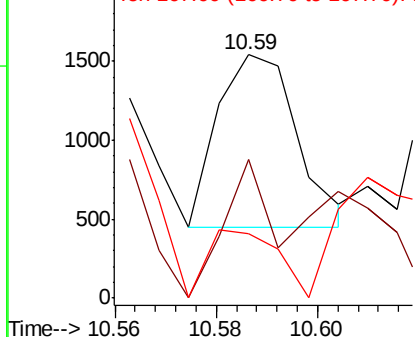


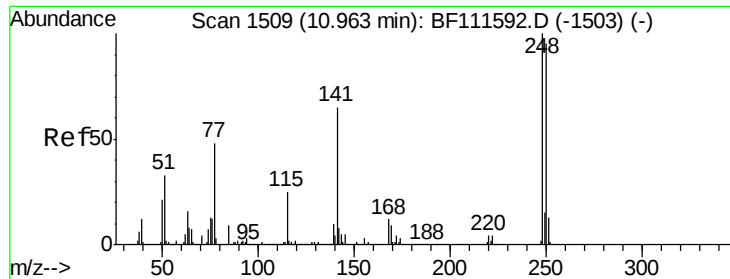
#66
n-Nitrosodiphenylamine
Concen: 0.048 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:169 Resp: 1186
Ion Ratio Lower Upper
169 100
168 57.2 54.4 81.6
167 26.6 30.5 45.7#



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





#67

4-Bromophenyl-phenylether

Concen: 3.828 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.25 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

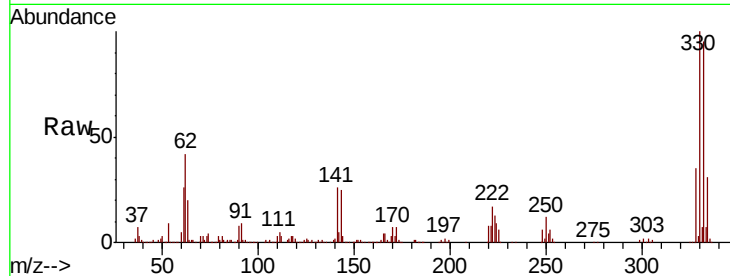
Tgt Ion:248 Resp: 34780

Ion Ratio Lower Upper

248 100

250 198.7 77.0 115.4#

141 417.3 63.0 94.6#

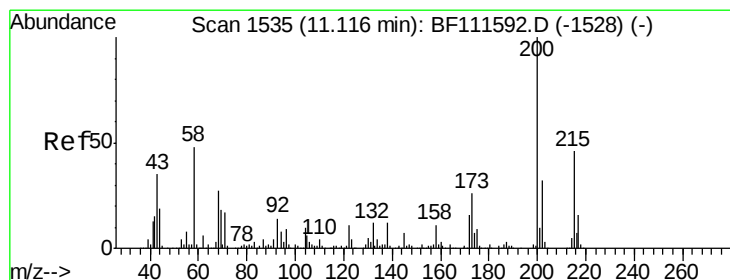
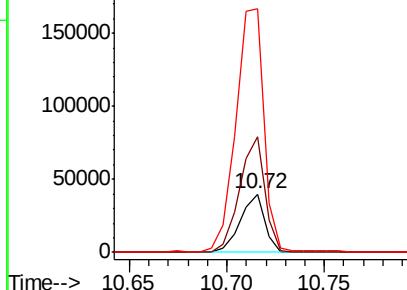
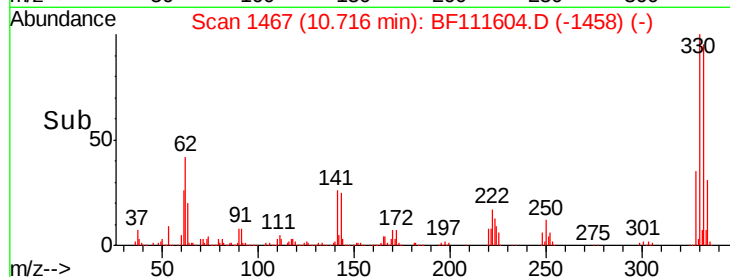


Abundance

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



#69

Atrazine

Concen: 0.017 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.09 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

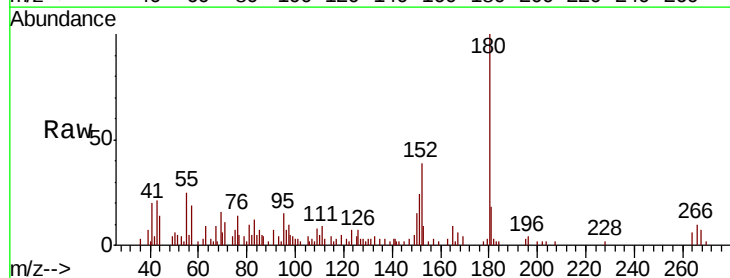
Tgt Ion:200 Resp: 142

Ion Ratio Lower Upper

200 100

173 0.0 10.1 50.1#

215 0.0 26.9 66.9#

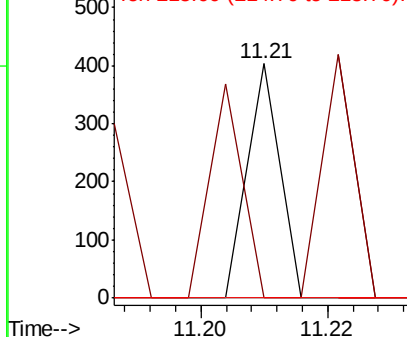
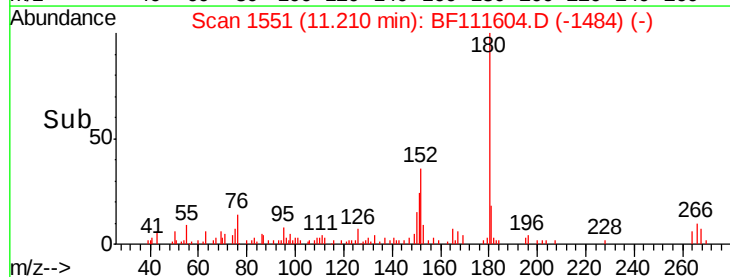


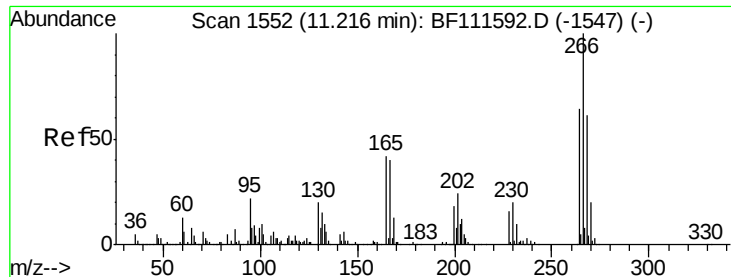
Abundance

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: 0.205 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

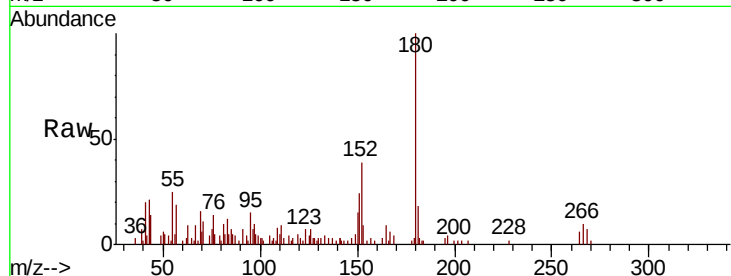
Tgt Ion:266 Resp: 1284

Ion Ratio Lower Upper

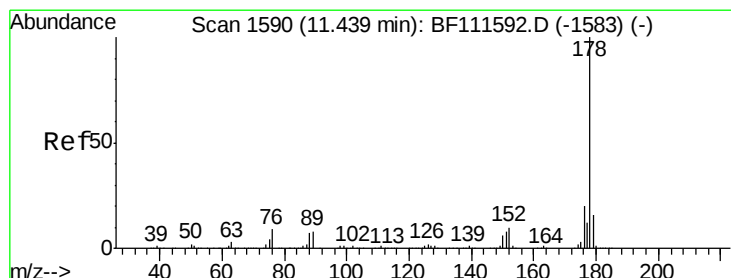
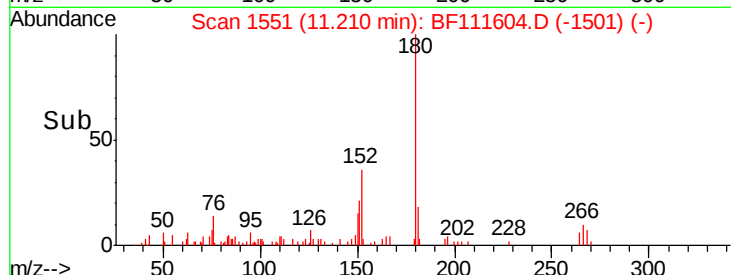
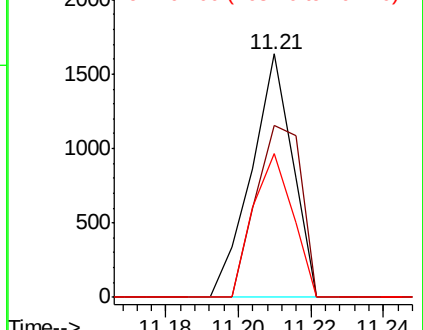
266 100

268 70.4 47.9 71.9

264 58.9 49.1 73.7



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: 2.775 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

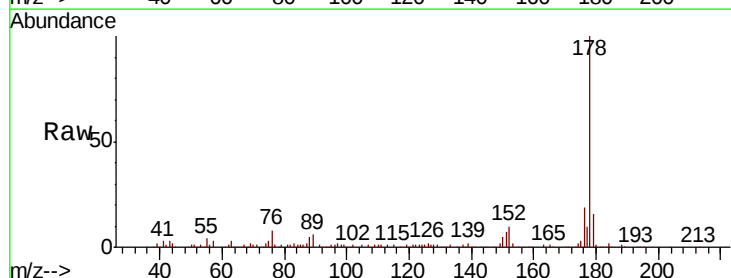
Tgt Ion:178 Resp: 107794

Ion Ratio Lower Upper

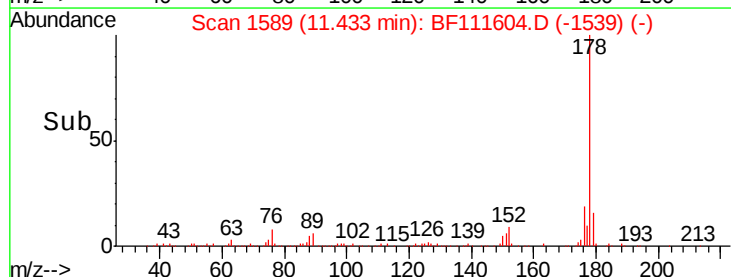
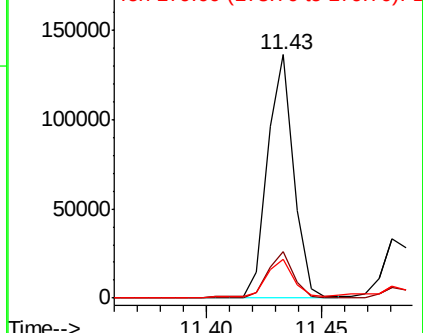
178 100

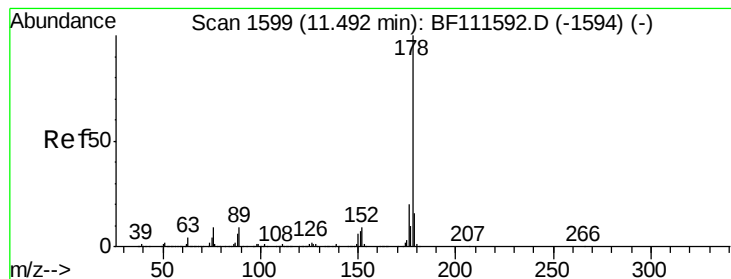
176 18.9 18.1 27.1

179 16.1 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.729 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

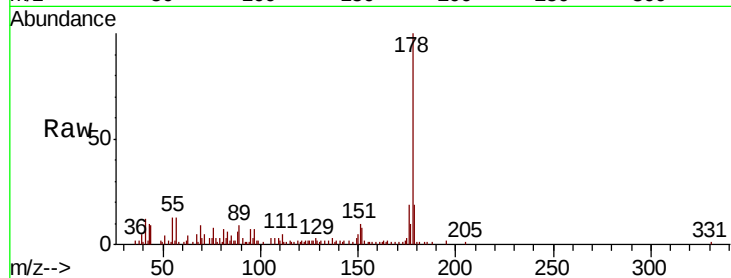
Tgt Ion:178 Resp: 28437

Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

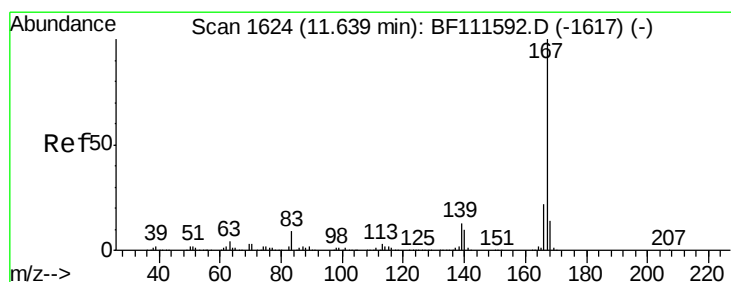
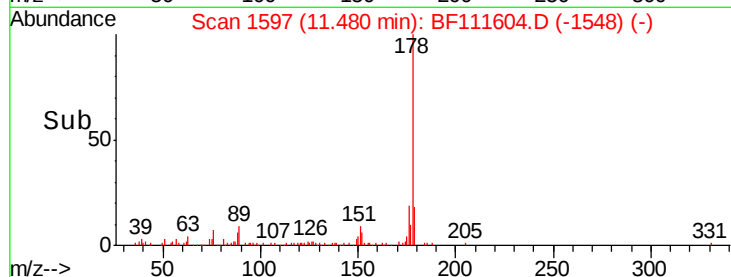
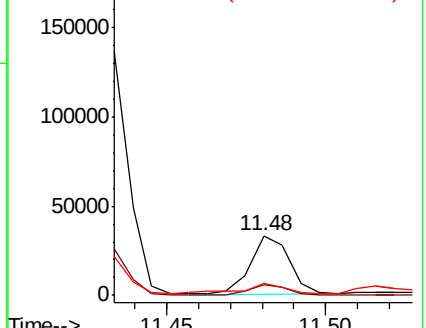
179 19.0 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.352 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

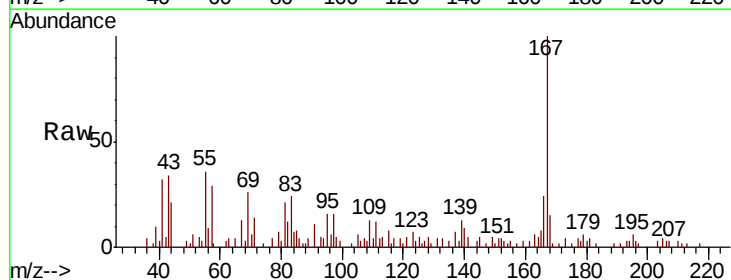
Tgt Ion:167 Resp: 13336

Ion Ratio Lower Upper

167 100

166 24.3 19.3 28.9

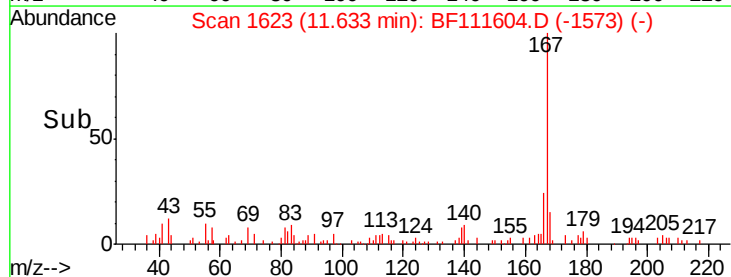
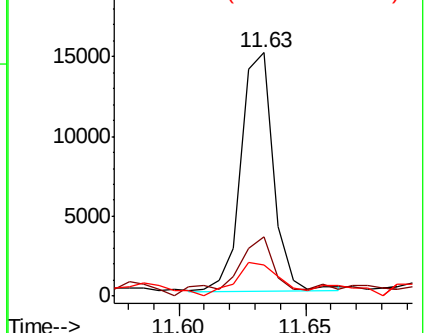
139 12.8 11.9 17.9

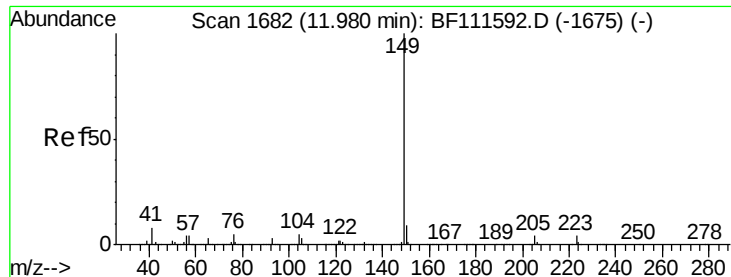


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

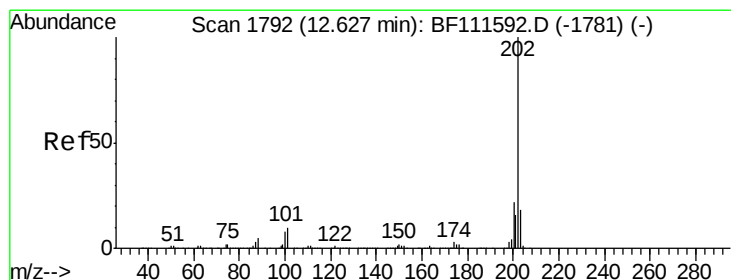
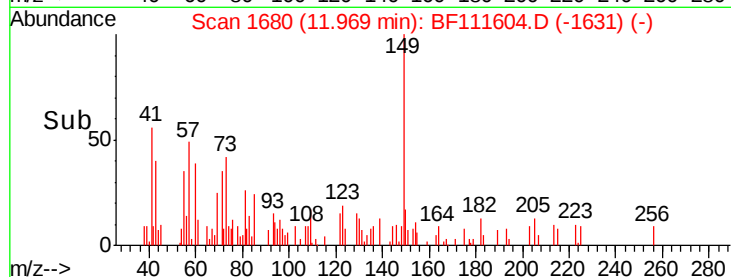
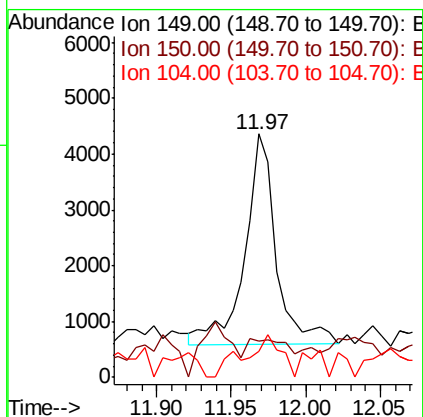
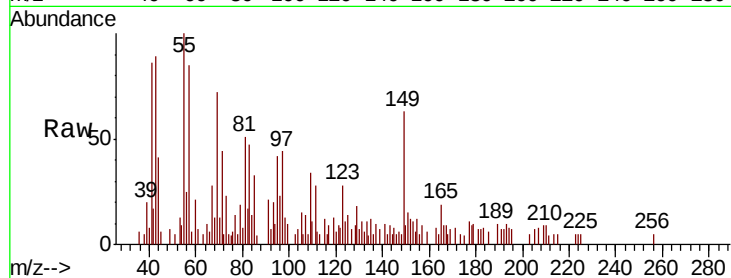




#74
Di-n-butylphthalate
Concen: 0.129 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

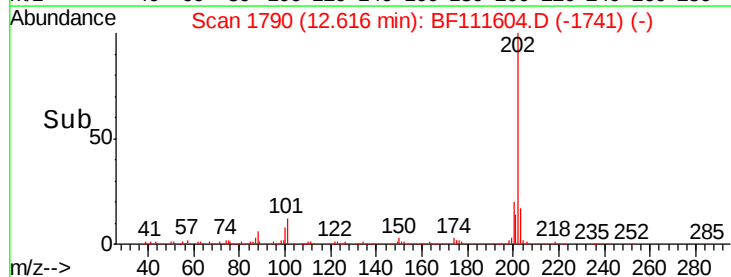
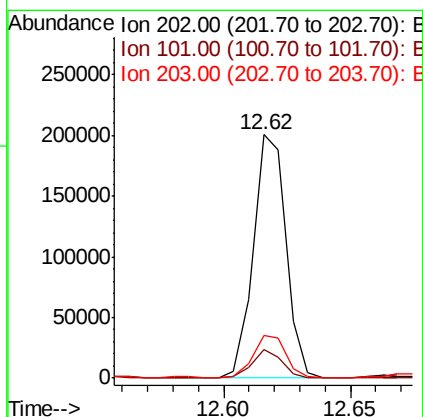
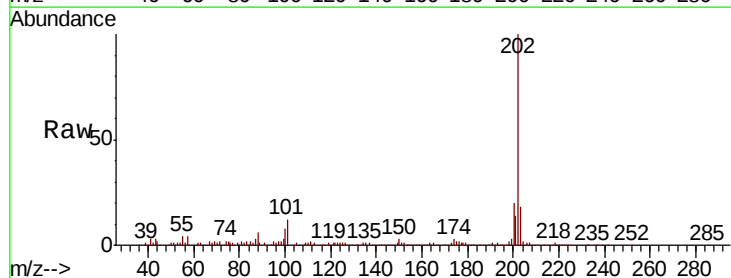
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

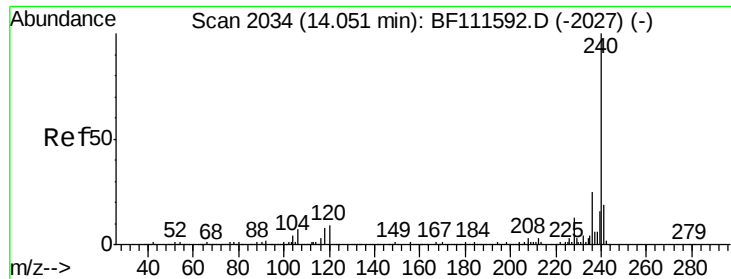
Tgt Ion:149 Resp: 5494
Ion Ratio Lower Upper
149 100
150 15.0 8.8 13.2#
104 10.8 4.5 6.7#



#75
Fluoranthene
Concen: 4.568 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:202 Resp: 179711
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.8
203 17.6 0.0 38.6

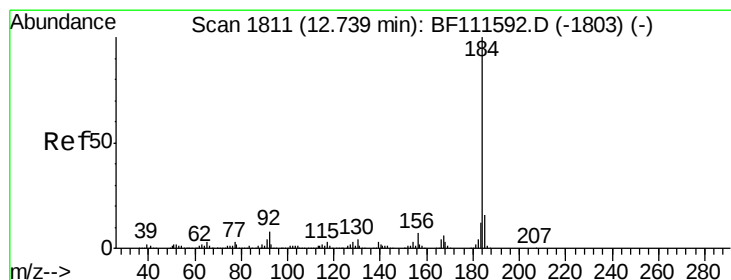
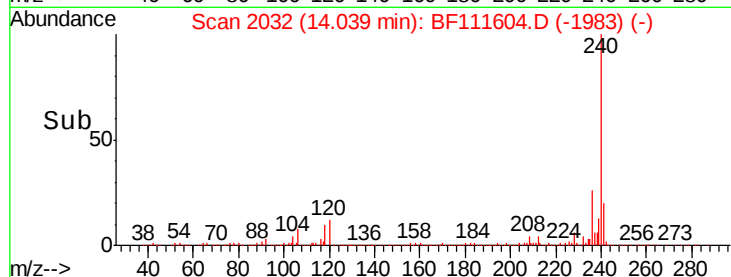
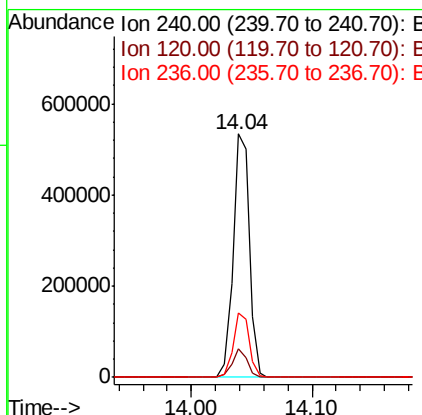
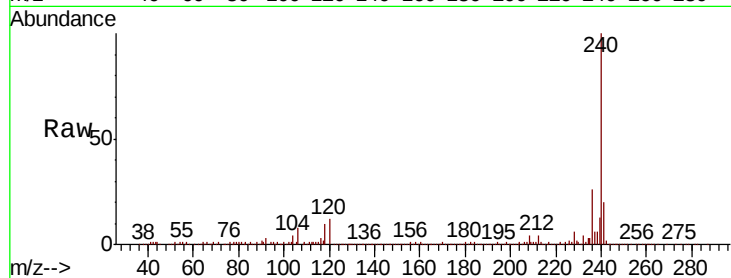




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

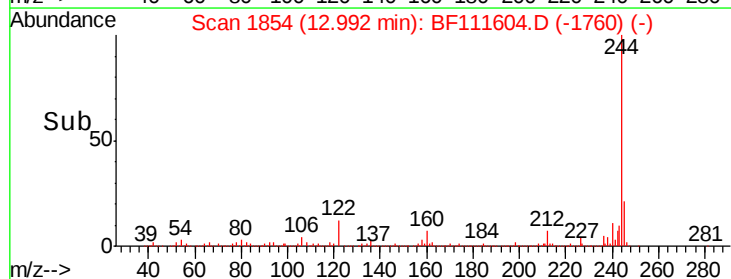
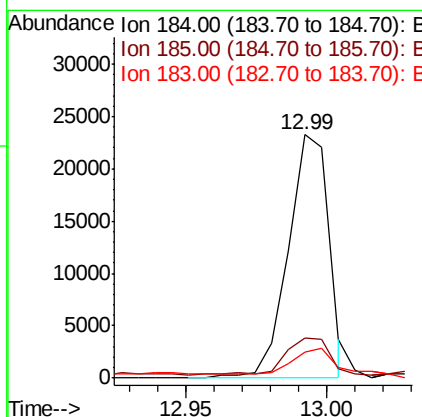
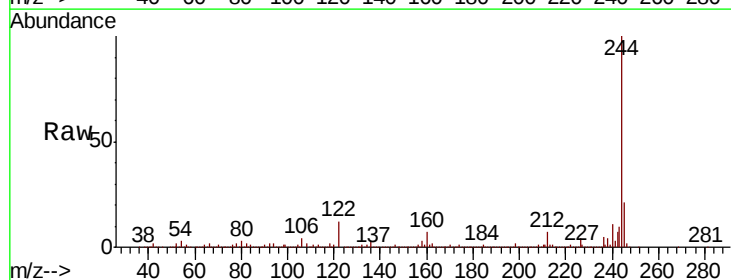
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

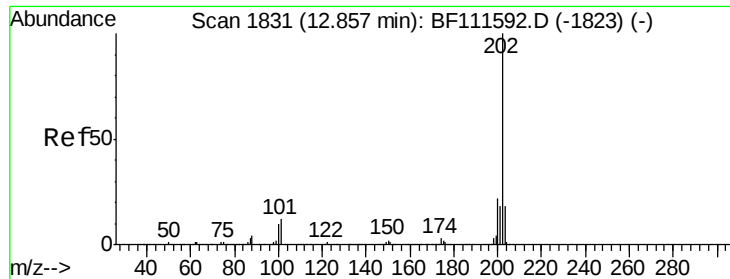
Tgt Ion:240 Resp: 502537
Ion Ratio Lower Upper
240 100
120 11.7 12.2 18.2#
236 26.3 20.2 30.2



#77
Benzidine
Concen: 1.226 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:184 Resp: 23190
Ion Ratio Lower Upper
184 100
185 16.6 13.0 19.6
183 10.8 9.3 13.9

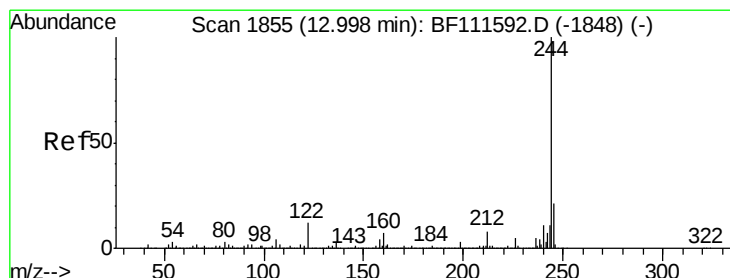
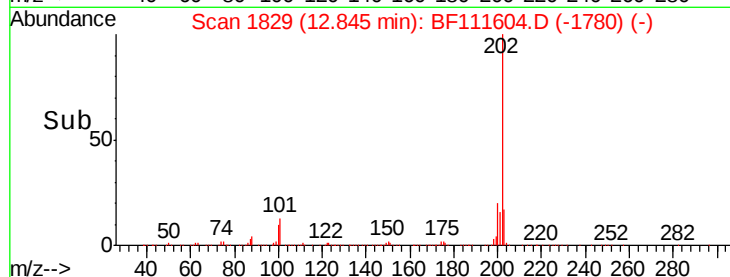
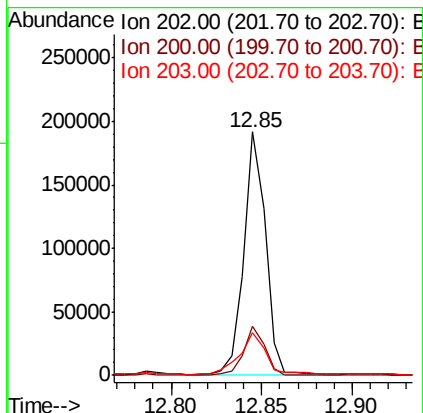
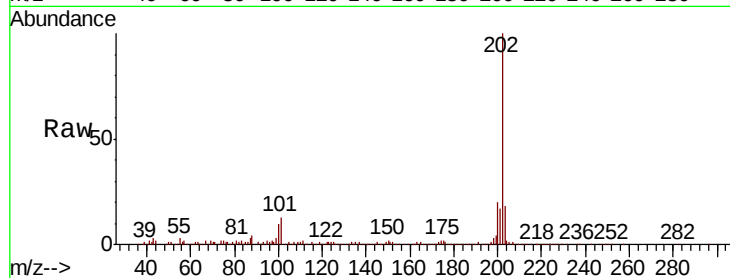




#78
Pyrene
Concen: 4.465 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

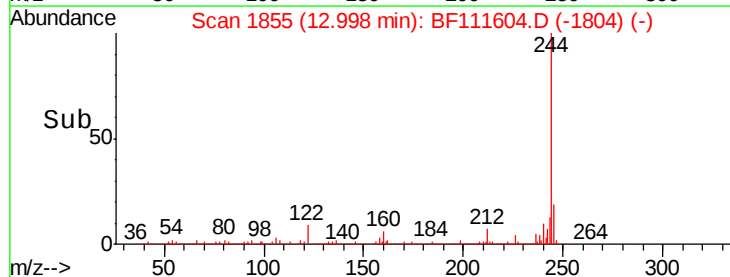
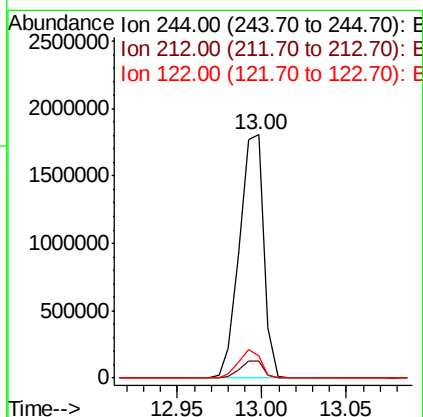
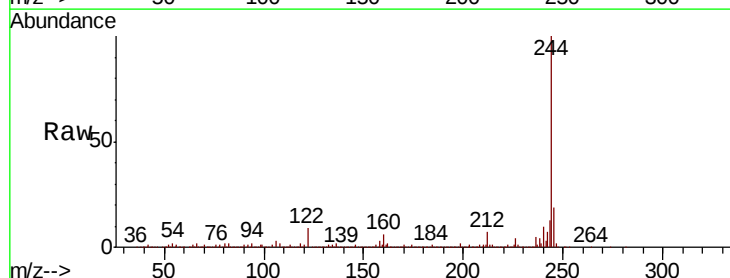
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

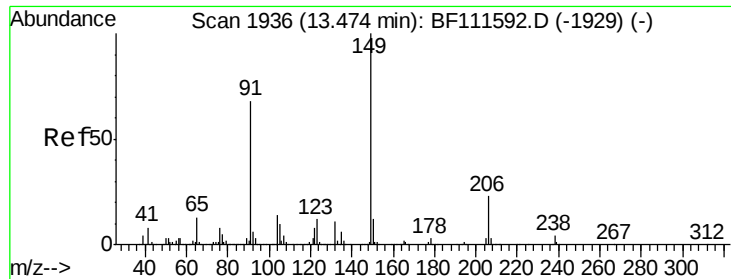
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	19.0	28.4
203	17.5	15.2	22.8



#79
Terphenyl-d14
Concen: 68.085 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.2	13.1	19.7

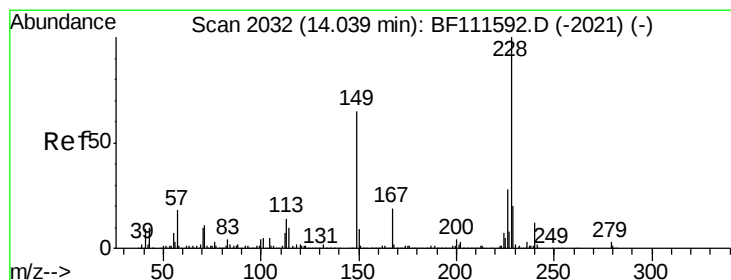
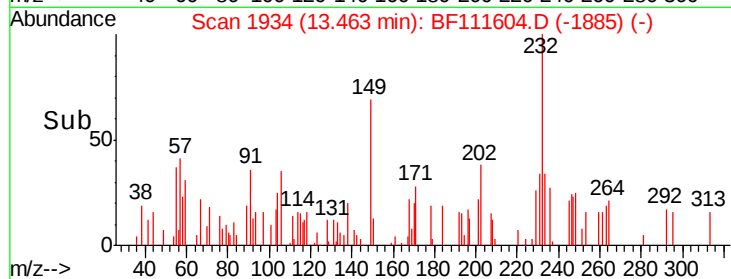
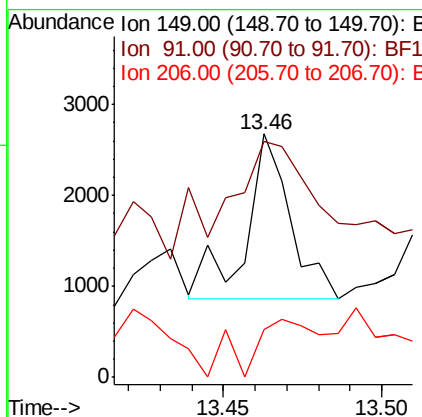
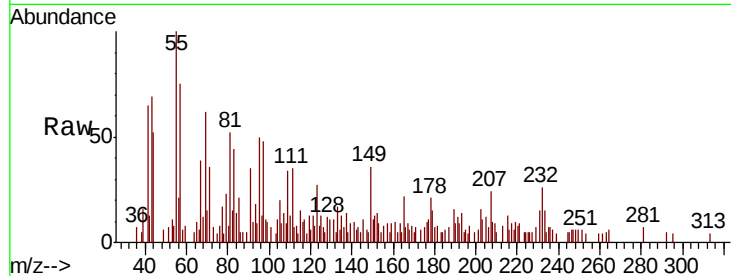




#80
 Butylbenzylphthalate
 Concen: 0.122 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

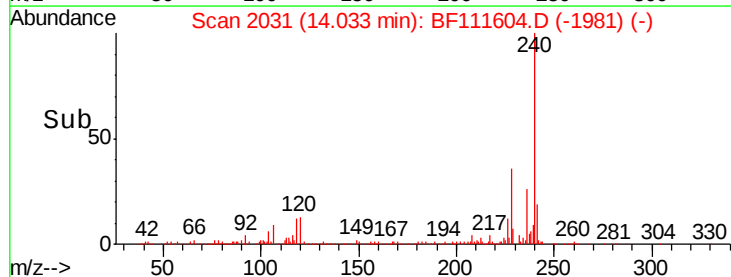
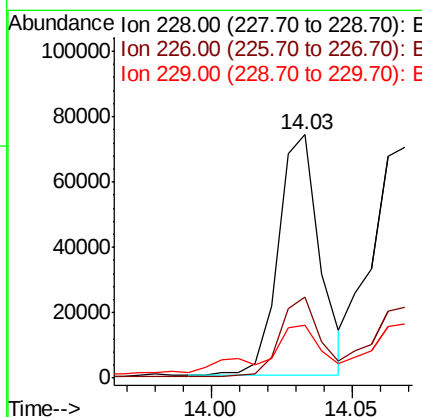
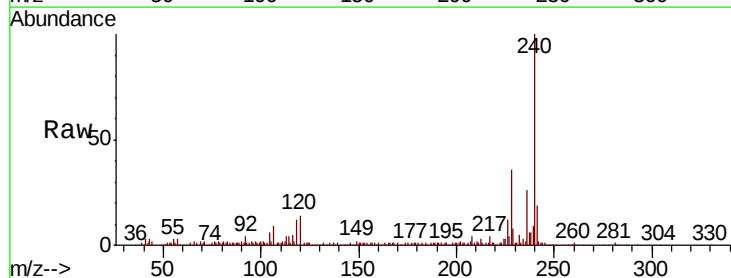
Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

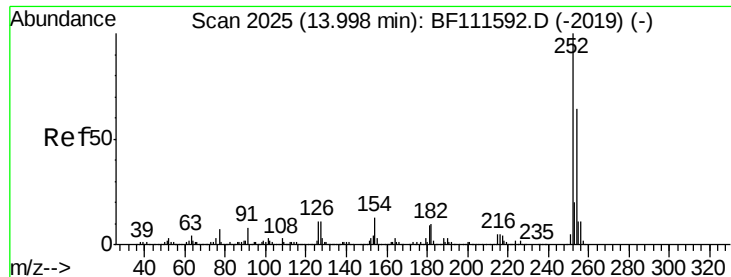
Tgt Ion:	149	Resp:	1758
Ion	Ratio	Lower	Upper
149	100		
91	96.7	63.8	95.6#
206	19.8	15.1	22.7



#81
 Benzo(a)anthracene
 Concen: 2.627 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion:	228	Resp:	75355
Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	34.0
229	21.9	16.3	24.5

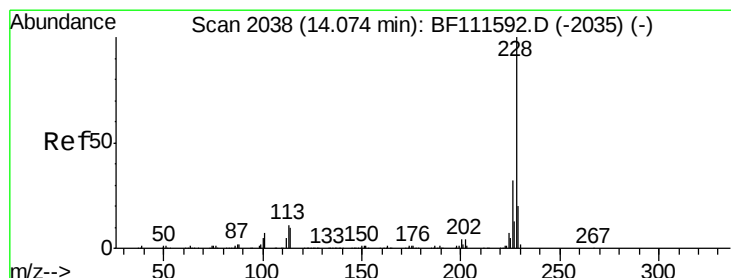
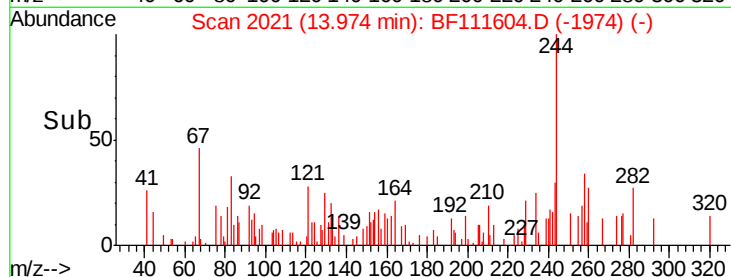
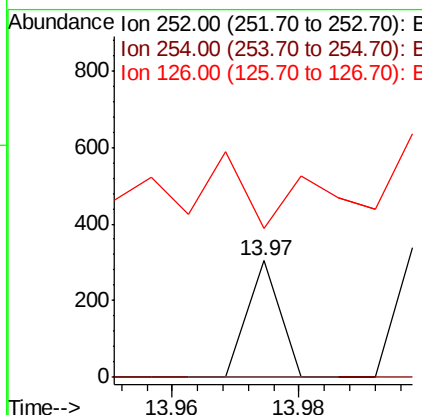
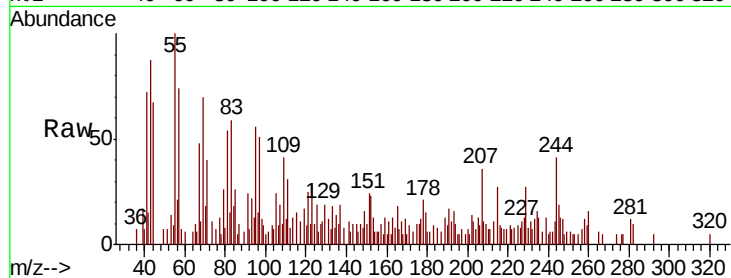




#82
 3,3'-Dichlorobenzidine
 Concen: 0.009 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

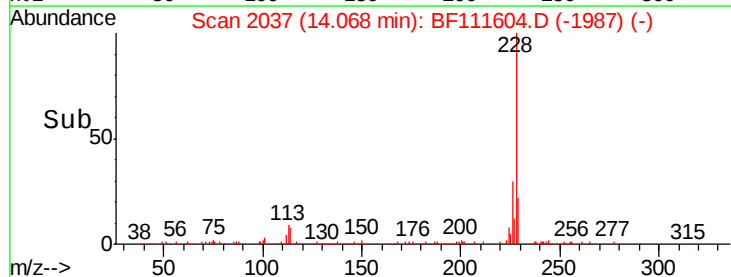
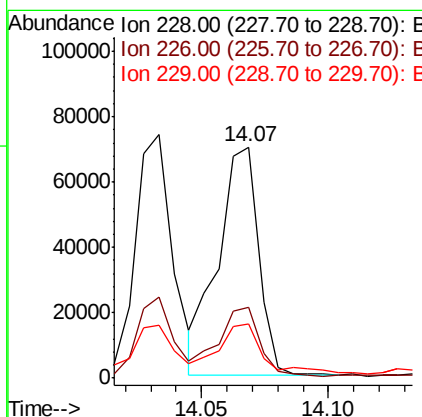
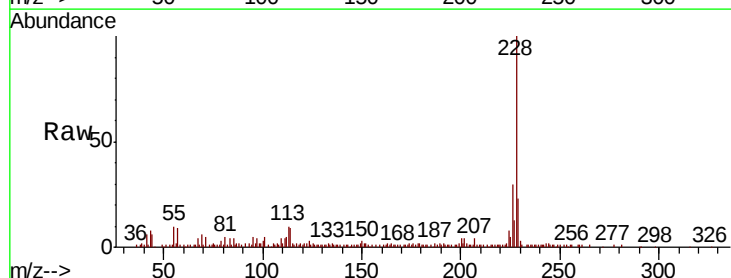
Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

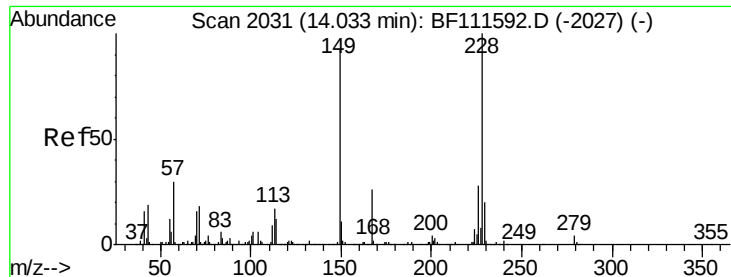
Tgt Ion: 252 Resp: 107
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.7 79.1#
 126 128.0 11.1 16.7#



#83
 Chrysene
 Concen: 2.779 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion: 228 Resp: 78342
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 23.4 17.2 25.8

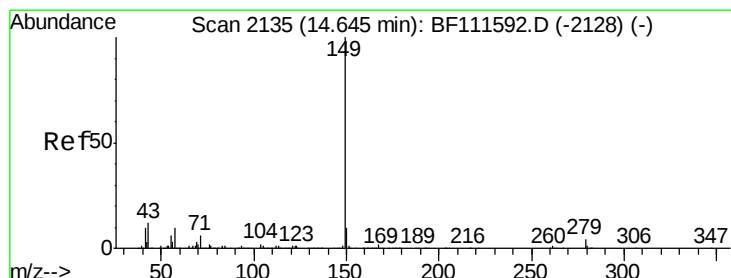
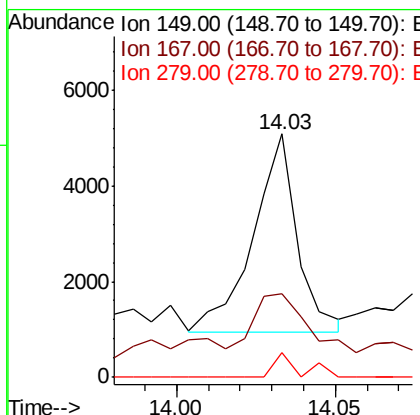
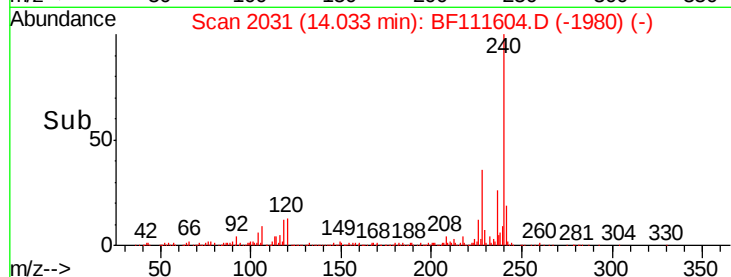
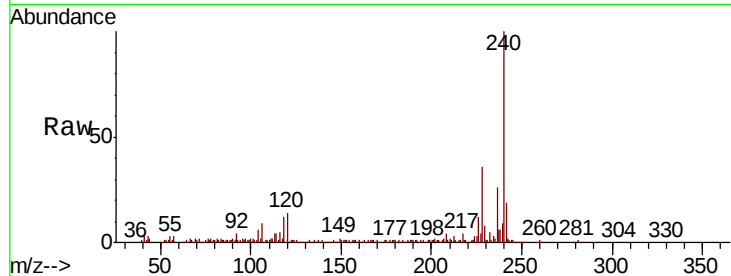




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.220 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

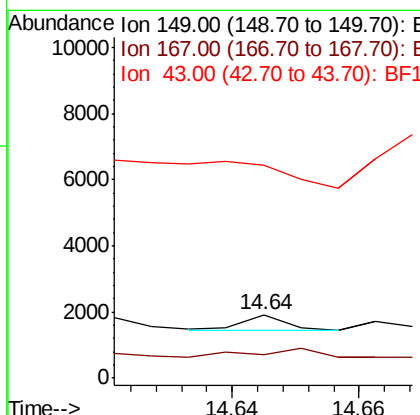
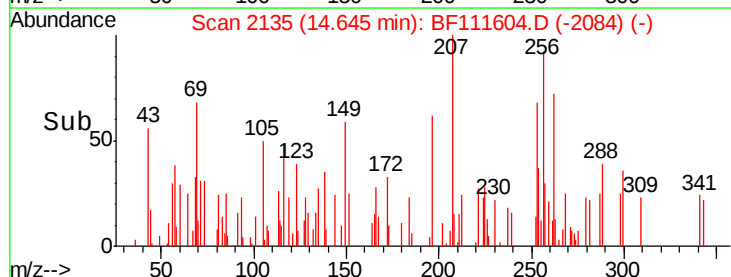
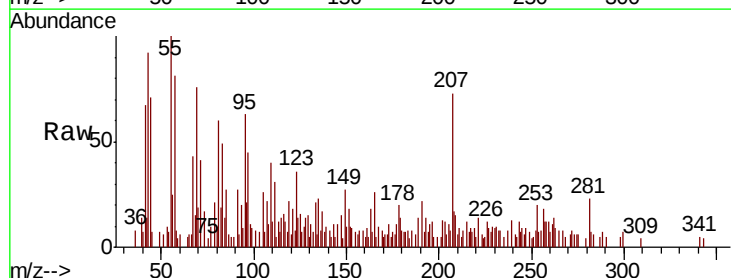
Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

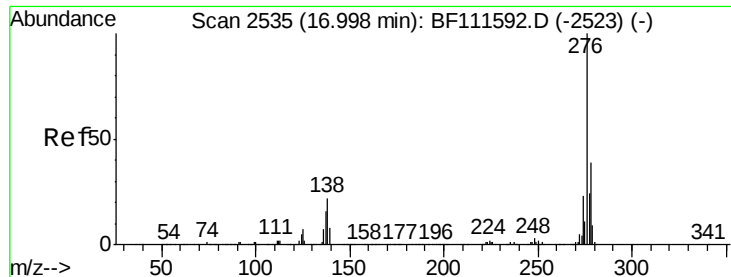
Tgt Ion:149 Resp: 4005
 Ion Ratio Lower Upper
 149 100
 167 34.1 22.5 33.7#
 279 10.0 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 0.007 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion:149 Resp: 211
 Ion Ratio Lower Upper
 149 100
 167 278.2 1.3 1.9#
 43 0.0 10.9 16.3#

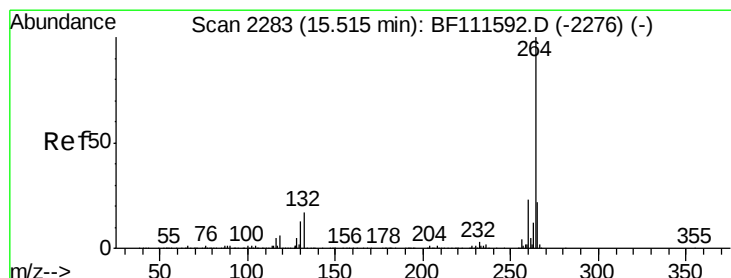
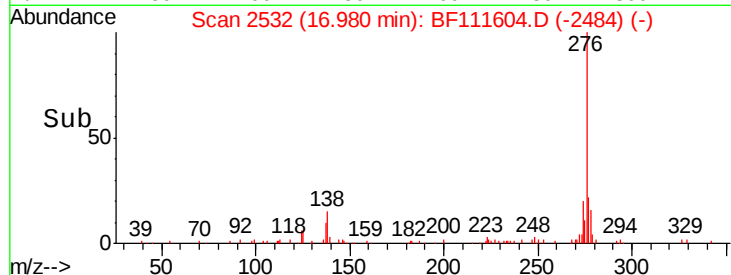
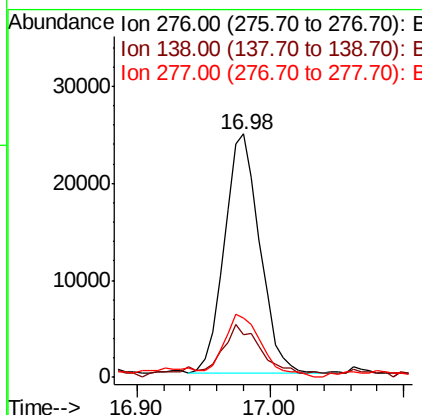
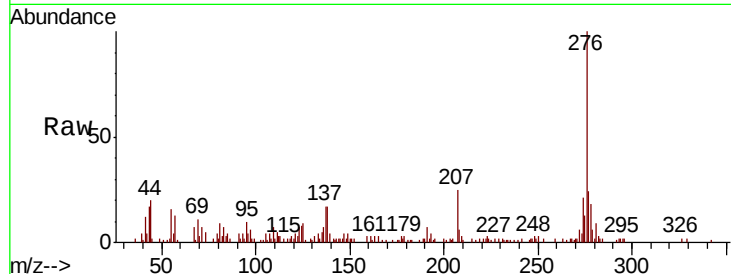




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 1.890 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.02 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

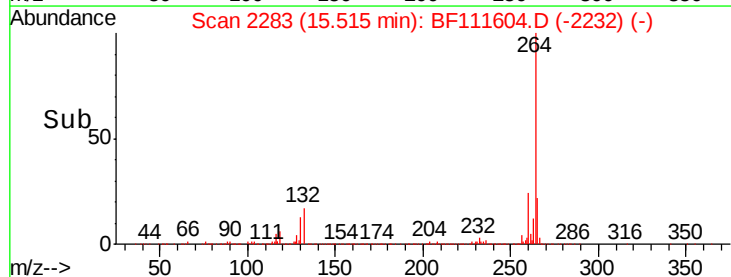
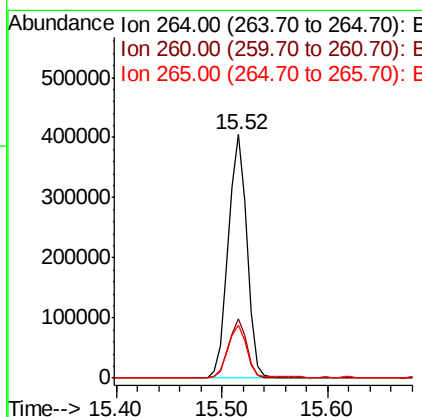
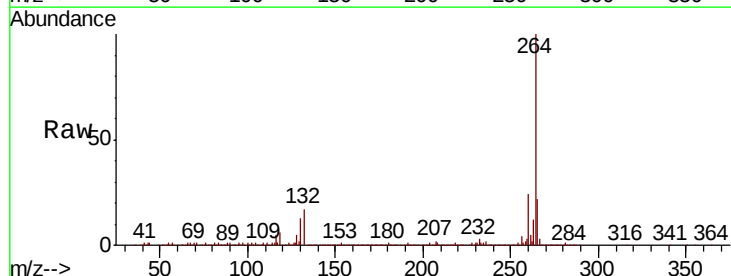
Instrument :
 BNA_F
 ClientSampleId :
 290-RT4008-RBR251686

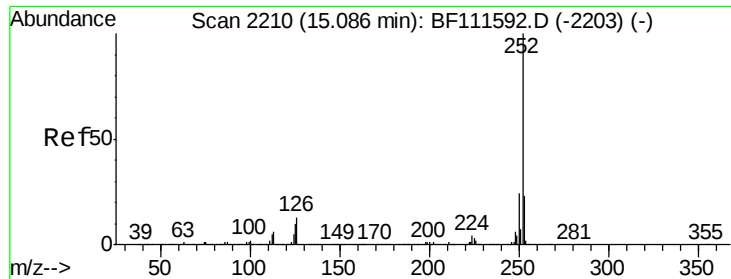
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	27.8	41.6
277	28.7	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF111604.D
 Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.6	17.7	26.5

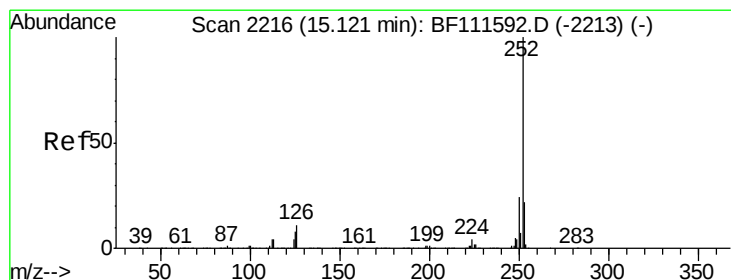
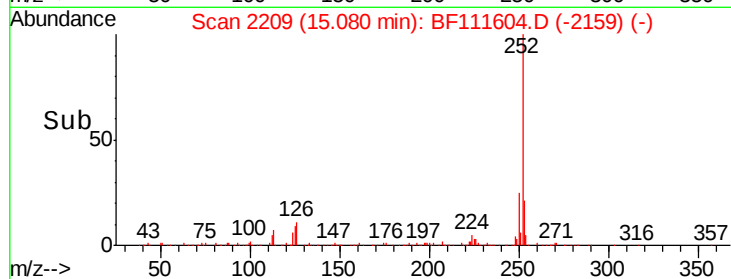
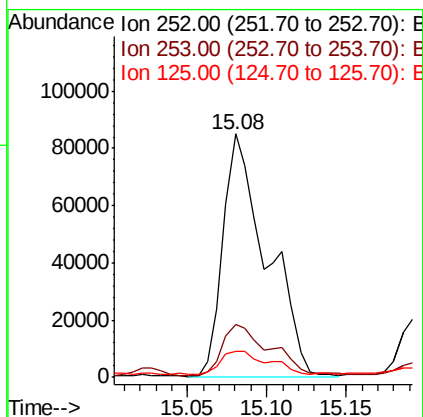
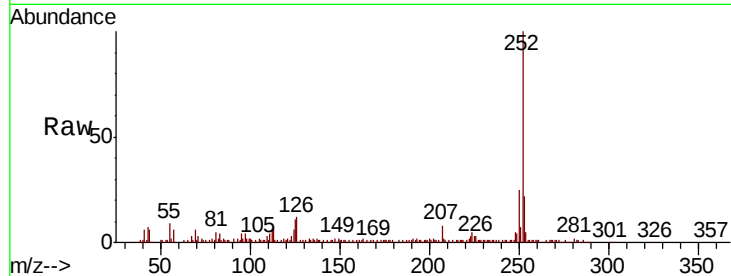




#88
Benzo(b)fluoranthene
Concen: 5.632 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

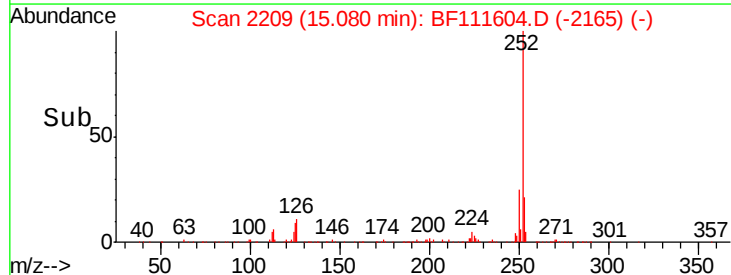
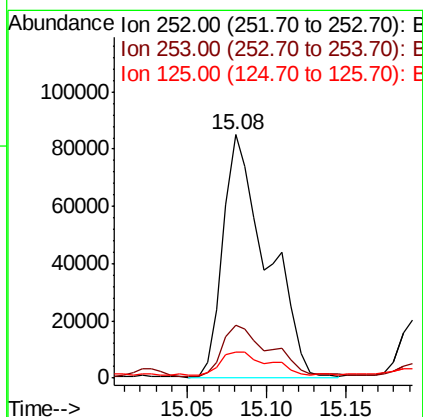
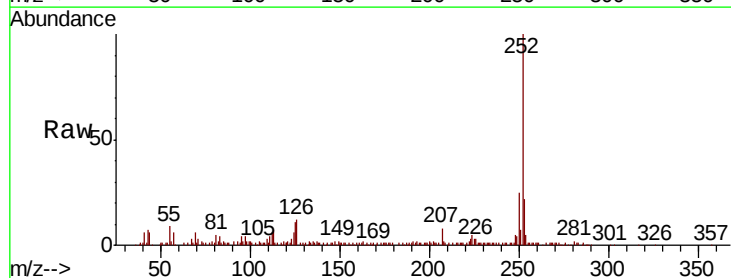
Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

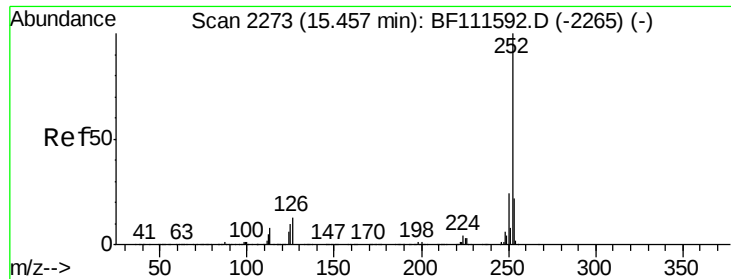
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.7	10.4	15.6



#89
Benzo(k)fluoranthene
Concen: 5.916 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	10.7	9.8	14.8

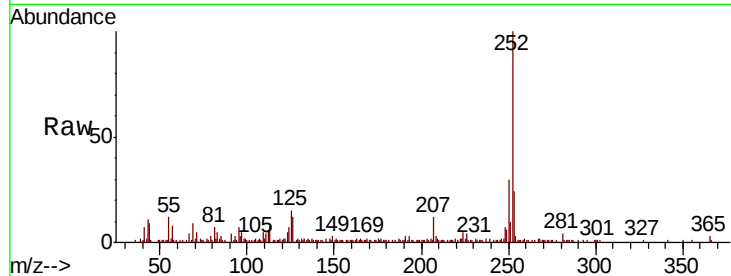




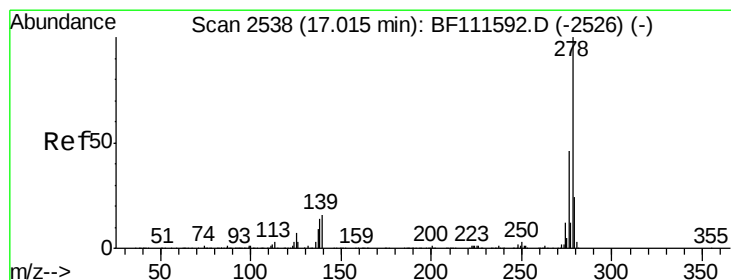
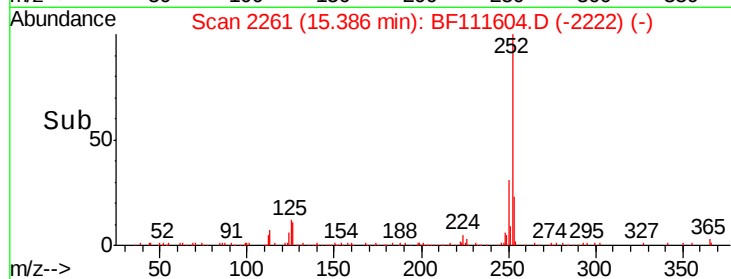
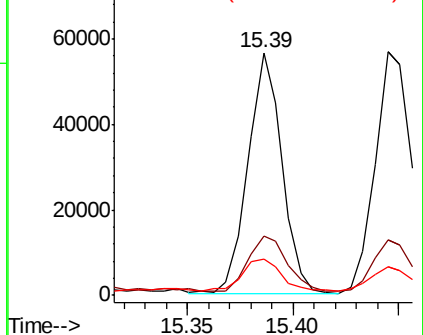
#90
Benzo(a)pyrene
Concen: 2.389 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.07 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Instrument :
BNA_F
ClientSampleId :
290-RT4008-RBR251686

Tgt Ion:252 Resp: 62628
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 15.2 12.3 18.5

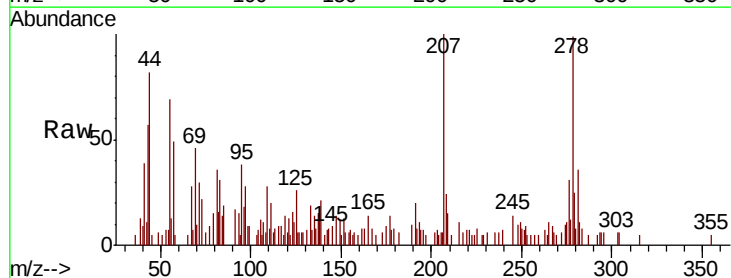


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

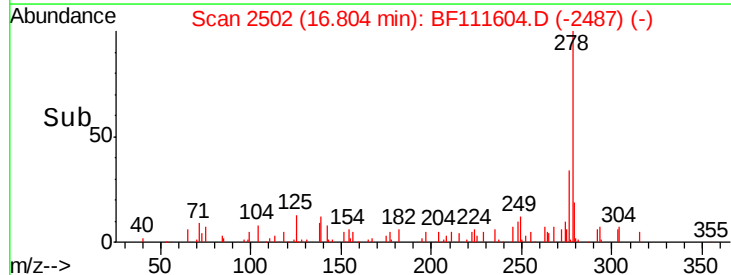
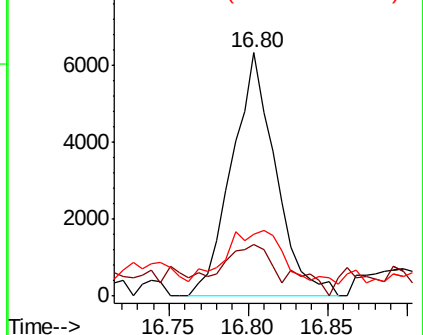


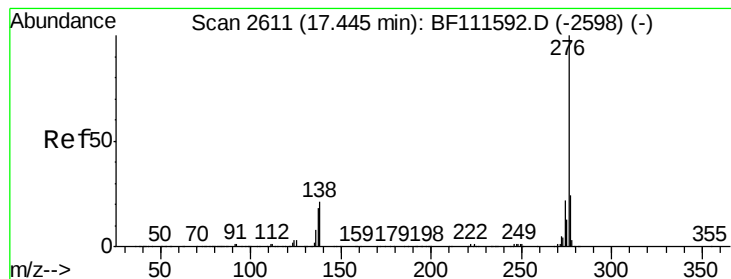
#91
Dibenzo(a,h)anthracene
Concen: 0.529 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.21 min
Lab File: BF111604.D
Acq: 19 Dec 2018 21:43

Tgt Ion:278 Resp: 12141
Ion Ratio Lower Upper
278 100
139 21.4 18.2 27.4
279 25.4 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: 1.974 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF111604.D

Acq: 19 Dec 2018 21:43

Instrument :

BNA_F

ClientSampleId :

290-RT4008-RBR251686

Tgt Ion: 276 Resp: 44253

Ion Ratio Lower Upper

276 100

277 21.6 19.2 28.8

138 17.7 24.9 37.3#

