

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101830.D
 Acq On : 29 Dec 2017 15:42
 Operator : SJ/JU
 Sample : I7023-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 16:55:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117582	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	378566	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	154773	20.00	ng	0.02
63) Phenanthrene-d10	11.33	188	246744	20.00	ng	0.01
75) Chrysene-d12	13.97	240	294394	20.00	ng	0.00
86) Perylene-d12	15.44	264	316220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1036346	131.29	ng	0.00
7) Phenol-d6	6.43	99	1163533	118.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	652571	95.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	163998	109.97	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	822788	82.47	ng	0.01
78) Terphenyl-d14	12.90	244	754868	61.82	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.45	94	59324	5.298	ng	# 58
15) Benzyl Alcohol	6.94	79	25797	3.815	ng	# 41
18) Hexachloroethane	7.31	117	112719	33.877	ng	# 1
19) n-Nitroso-di-n-propylamine	7.20	70	41503	6.433	ng	# 67
22) Acetophenone	7.17	105	140274	16.239	ng	# 58
24) Nitrobenzene	7.35	77	21883	2.907	ng	# 45
25) Isophorone	7.59	82	91002	6.670	ng	# 1
26) 2-Nitrophenol	7.68	139	14776	4.570	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	16160	2.942	ng	# 1
28) bis(2-Chloroethoxy)methane	7.83	93	21668	2.500	ng	# 1
29) 2,4-Dichlorophenol	7.97	162	22142	4.080	ng	# 38
31) Naphthalene	8.10	128	200065	10.497	ng	# 84
32) Benzoic acid	7.92	122	2771	8.585	ng	# 1
35) Caprolactam	8.52	113	18976	10.069	ng	# 1
37) 2-Methylnaphthalene	8.79	142	493326	39.730	ng	# 97
43) 2,4,5-Trichlorophenol	9.22	196	14212	4.126	ng	# 1
45) 1,1'-Biphenyl	9.25	154	218934	15.950	ng	# 100
47) 2-Nitroaniline	9.43	65	7823	2.156	ng	# 42
48) Acenaphthylene	9.70	152	44610	2.689	ng	# 1
49) Dimethylphthalate	9.55	163	54389	4.369	ng	# 72
51) Acenaphthene	9.87	154	64791	6.501	ng	# 59
52) 3-Nitroaniline	9.81	138	6990	2.216	ng	# 43
53) 2,4-Dinitrophenol	10.02	184	2234	12.528	ng	# 1
54) Dibenzofuran	10.05	168	81276	6.417	ng	# 31
55) 4-Nitrophenol	9.98	139	9304	6.764	ng	# 14
56) 2,4-Dinitrotoluene	10.09	165	18615	6.530	ng	# 62
57) Fluorene	10.39	166	154237	14.395	ng	# 89
62) Azobenzene	10.53	77	29883	2.340	ng	# 1
65) n-Nitrosodiphenylamine	10.49	169	235574	25.856	ng	# 41
68) Atrazine	11.03	200	6440	2.371	ng	# 1
69) Pentachlorophenol	11.14	266	1291	7.595	ng	# 18
70) Phenanthrene	11.35	178	401115	29.232	ng	# 97
71) Anthracene	11.35	178	395532	28.219	ng	# 96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

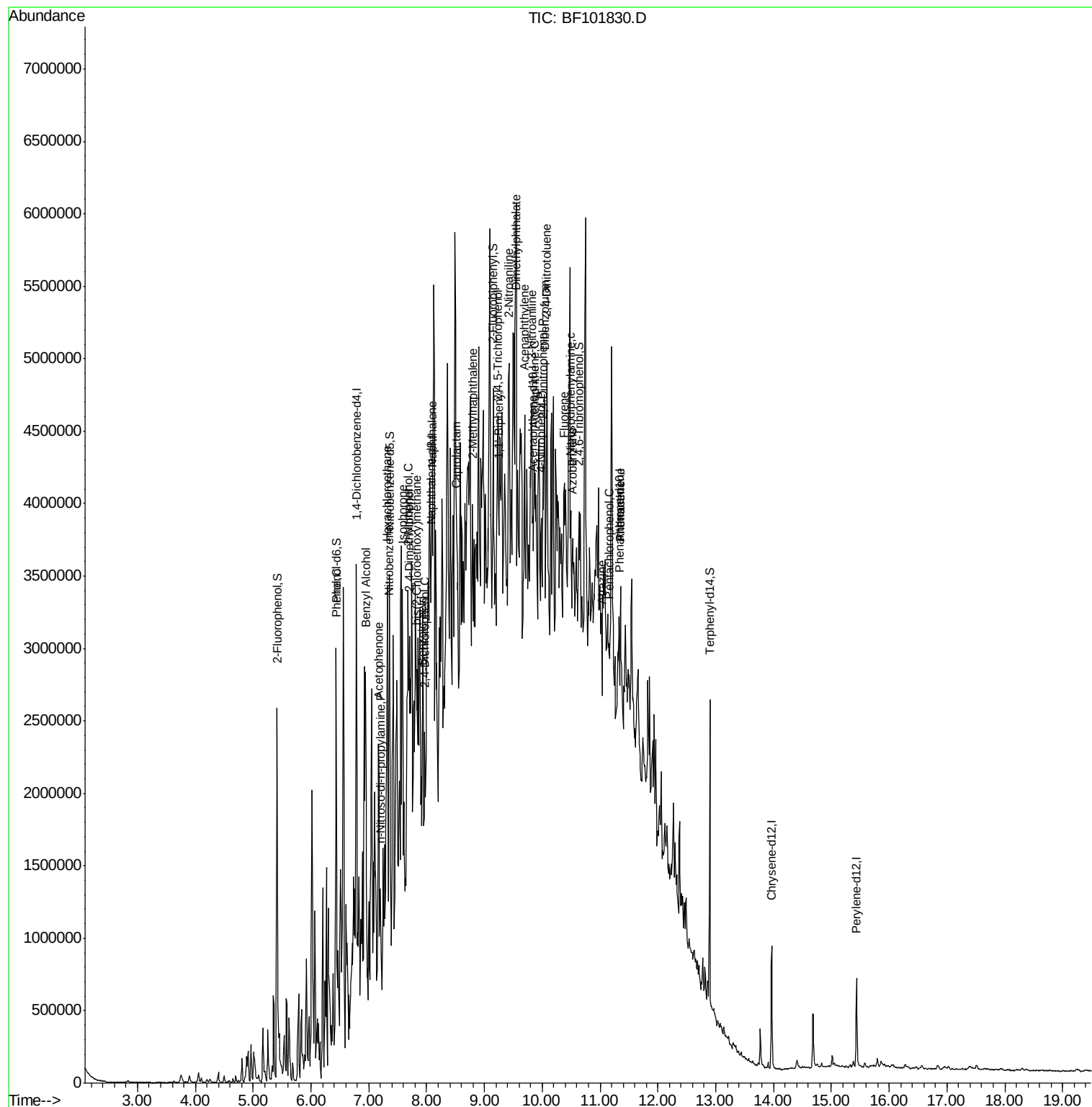
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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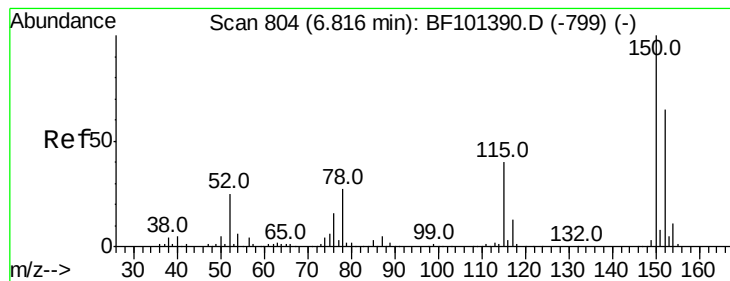
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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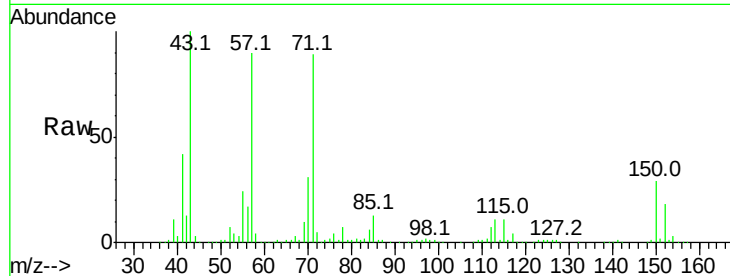


#1

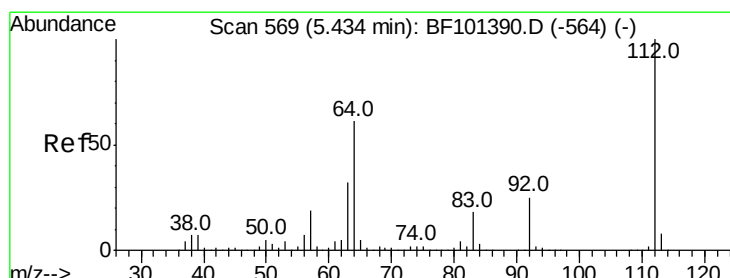
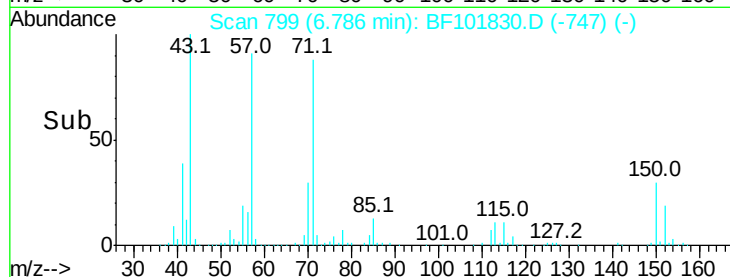
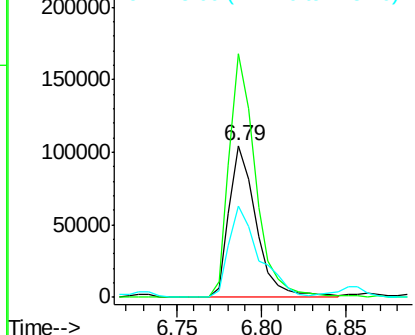
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	60.1	50.1	75.1



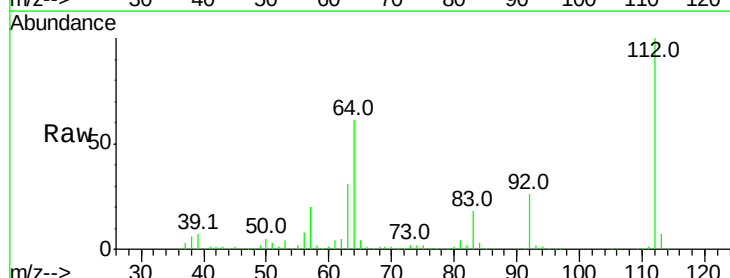
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



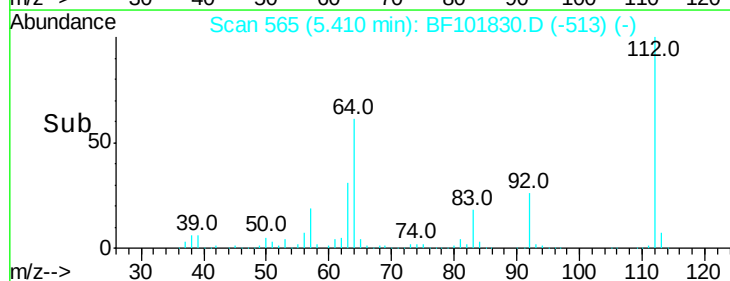
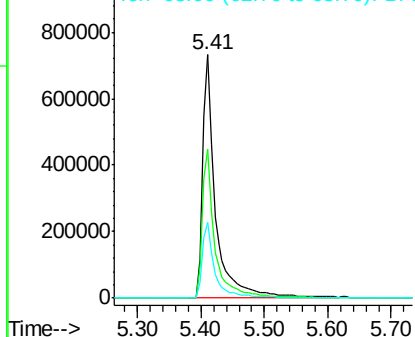
#5

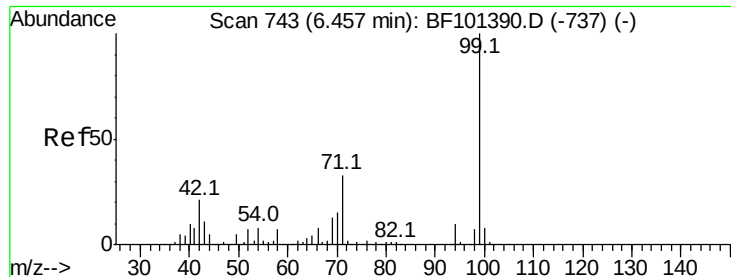
2-Fluorophenol
Concen: 131.289 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	30.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.439 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

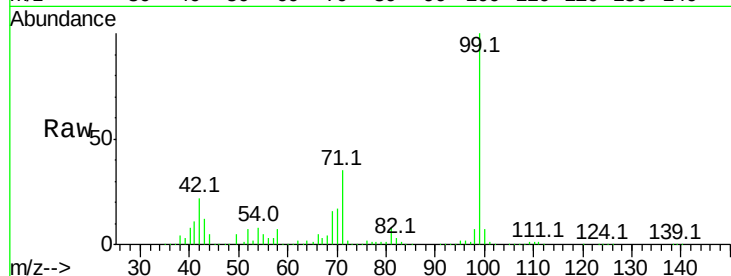
Tot Ion: 99 Resp: 1163533

Ion Ratio Lower Upper

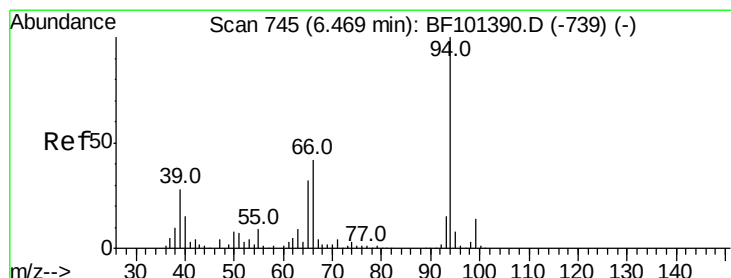
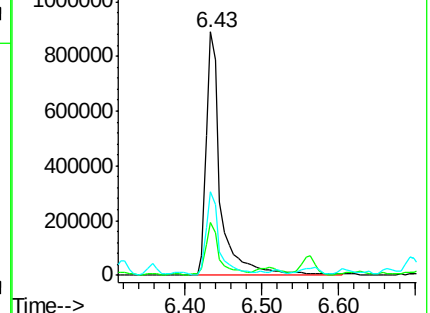
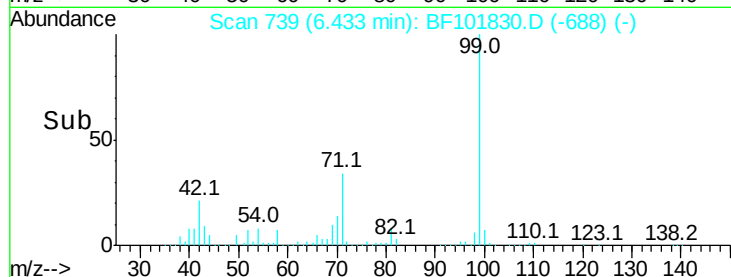
99 100

42 21.7 14.5 21.7

71 34.5 25.4 38.0



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



#10

Phenol

Concen: 5.298 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

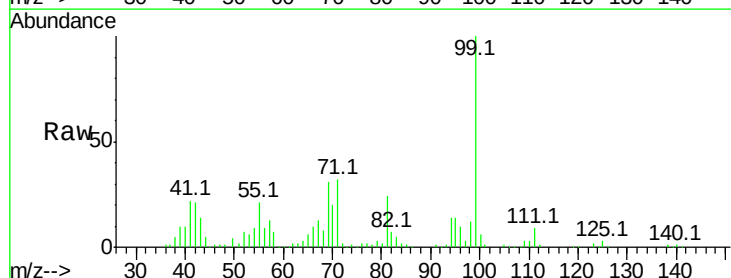
Tgt Ion: 94 Resp: 59324

Ion Ratio Lower Upper

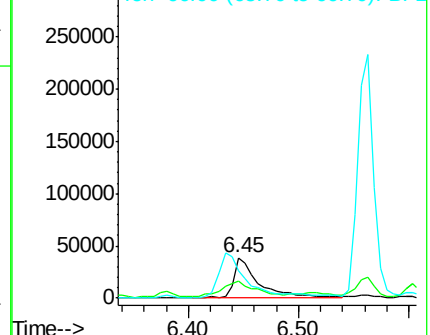
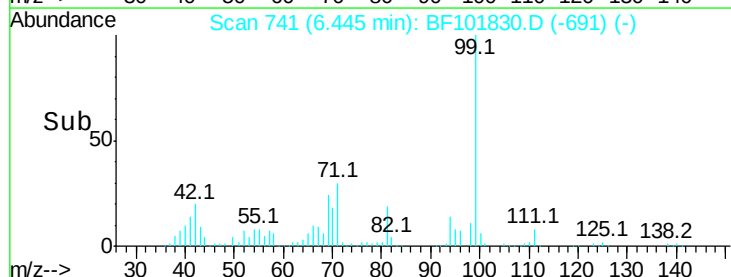
94 100

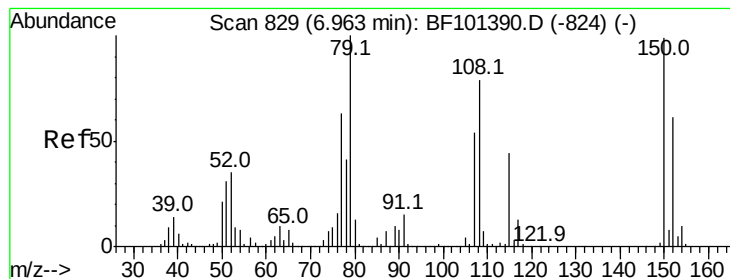
65 41.4 7.9 47.9

66 68.3 16.2 56.2#



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





#15

Benzyl Alcohol

Concen: 3.815 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

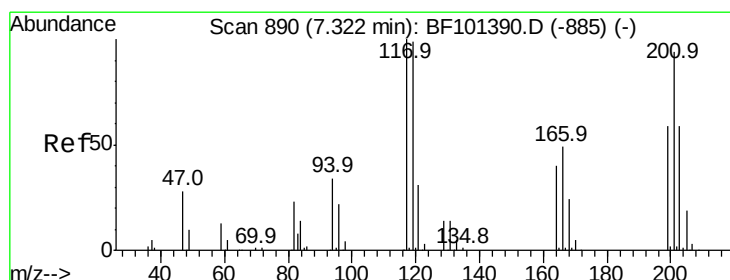
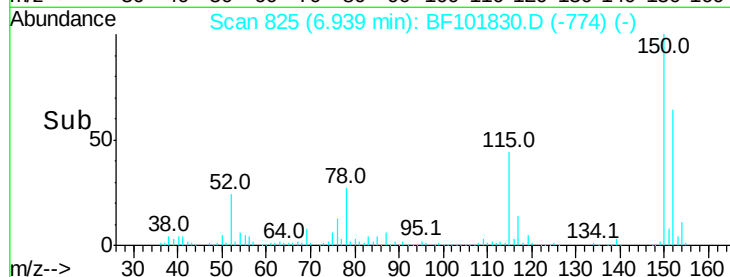
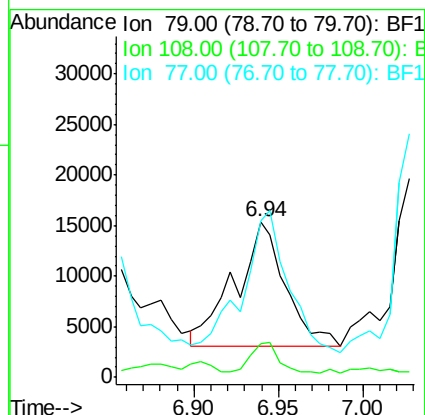
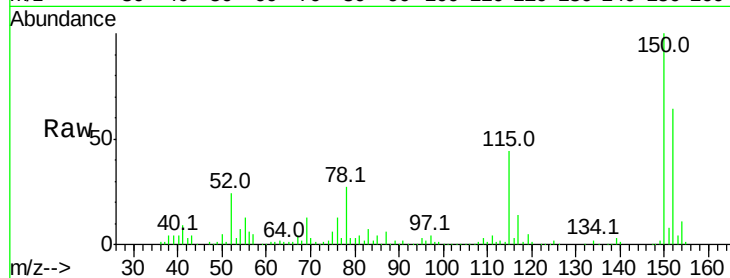
Tot Ion: 79 Resp: 25797

Ion Ratio Lower Upper

79 100

108 22.0 65.1 97.7#

77 100.9 50.6 75.8#



#18

Hexachloroethane

Concen: 33.877 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.02 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

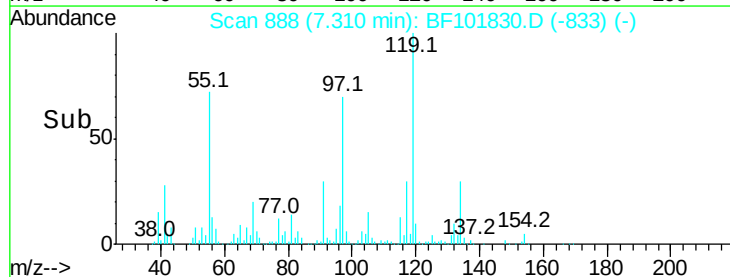
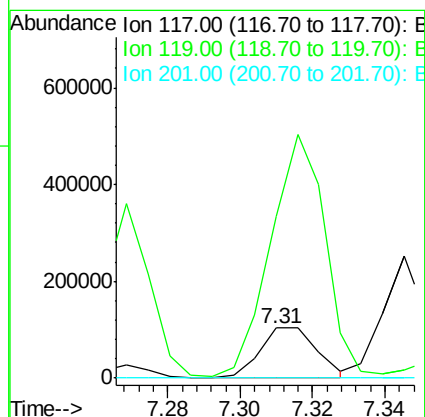
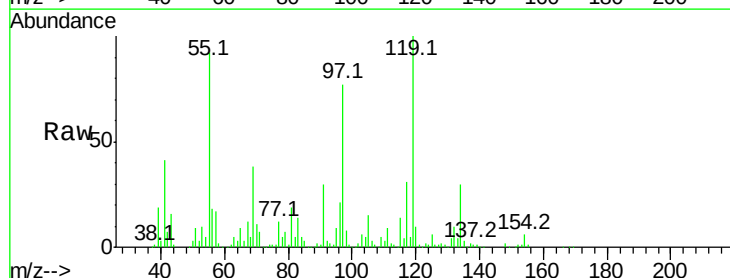
Tgt Ion: 117 Resp: 112719

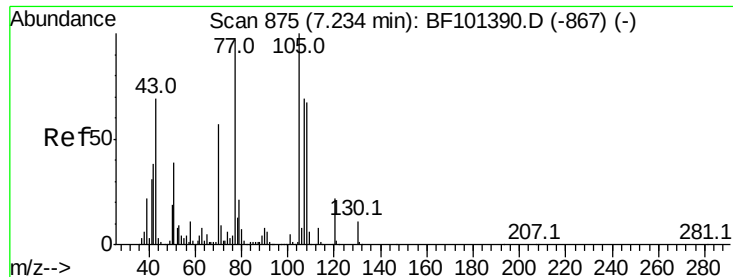
Ion Ratio Lower Upper

117 100

119 323.9 75.8 113.8#

201 0.0 75.7 113.5#

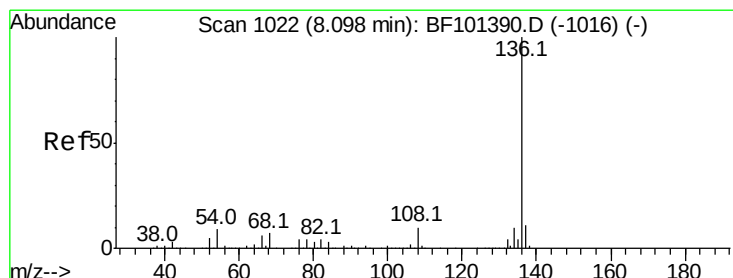
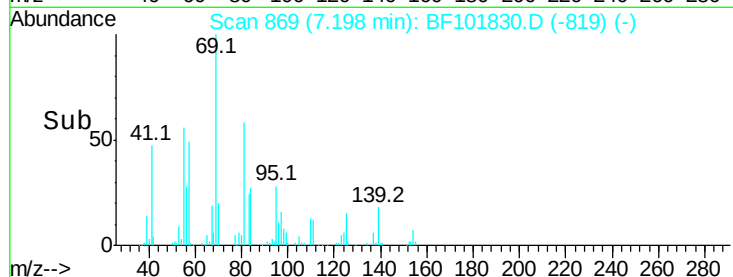
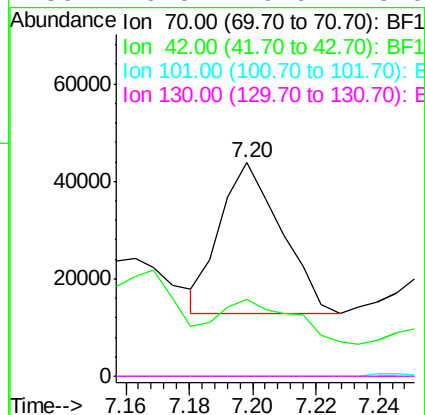
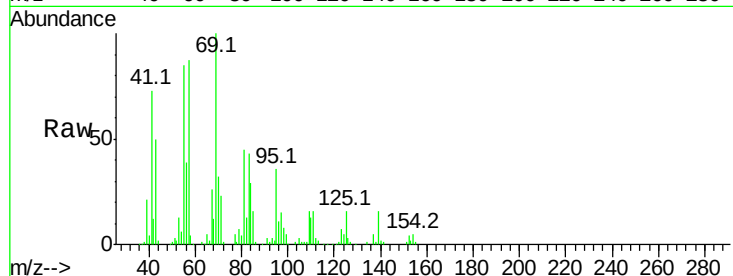




#19
n-Nitroso-di-n-propylamine
Concen: 6.433 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

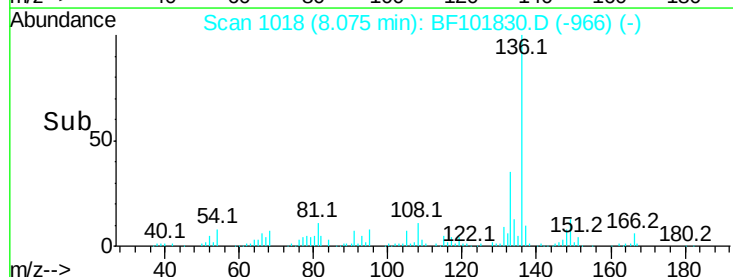
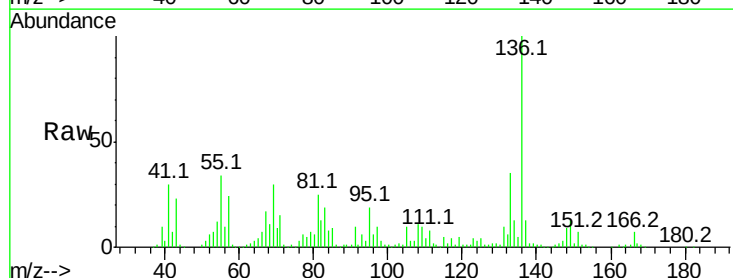
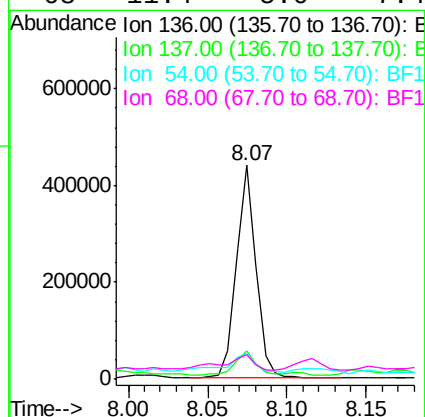
Instrument :
BNA_F
ClientSampleId :

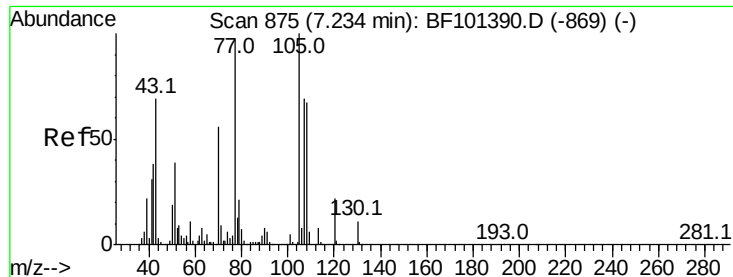
Tot Ion:	70	Resp:	41503
Ion	Ratio	Lower	Upper
70	100		
42	36.2	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion:	136	Resp:	378566
Ion	Ratio	Lower	Upper
136	100		
137	12.9	8.9	13.3
54	11.8	6.6	9.8#
68	11.4	5.0	7.4#





#22

Acetophenone

Concen: 16.239 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 140274

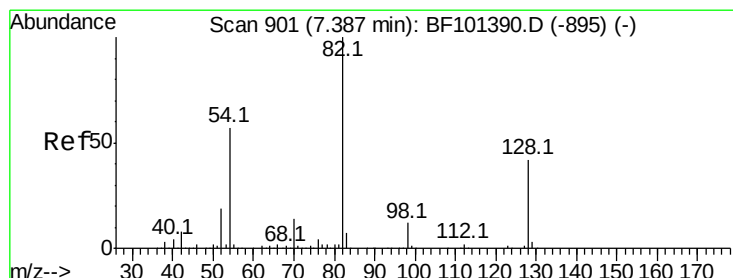
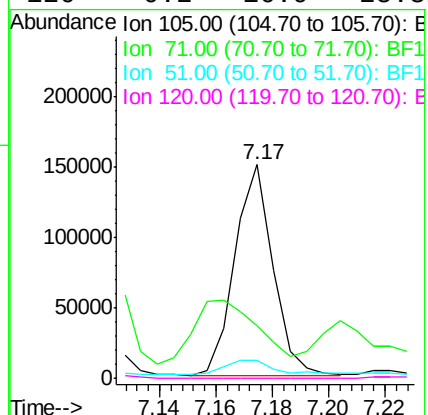
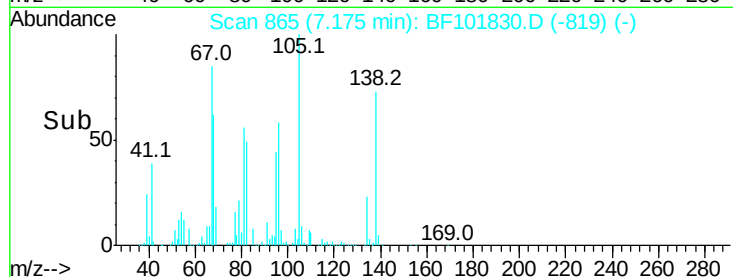
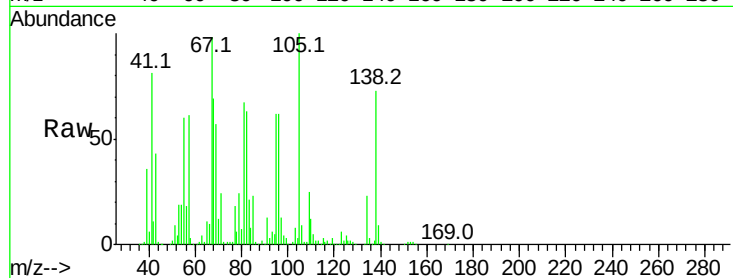
Ion Ratio Lower Upper

105 100

71 24.5 4.4 6.6#

51 8.5 22.3 33.5#

120 0.2 16.9 25.3#



#23

Nitrobenzene-d5

Concen: 95.957 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

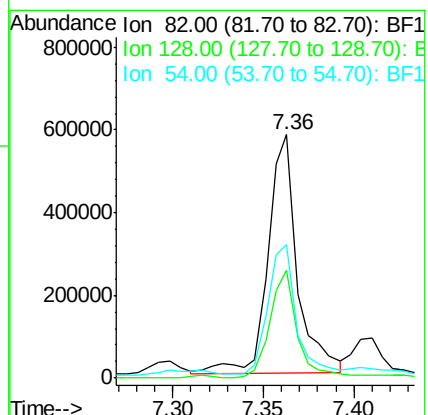
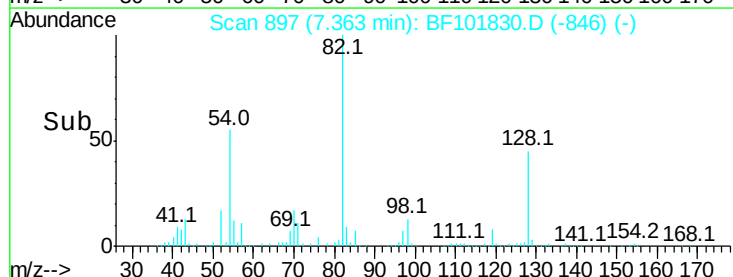
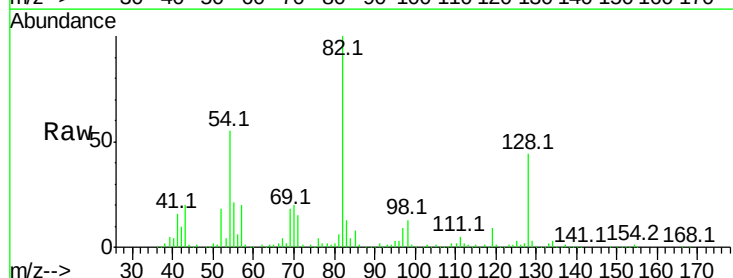
Tgt Ion: 82 Resp: 652571

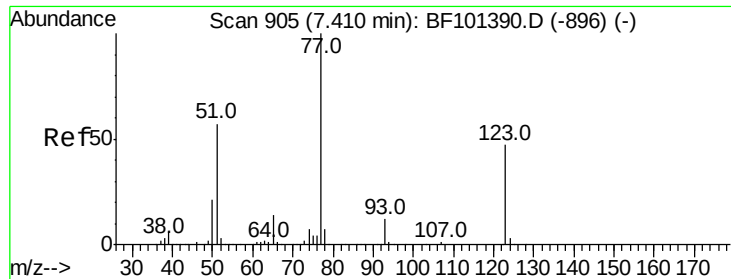
Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

54 54.8 41.4 62.2

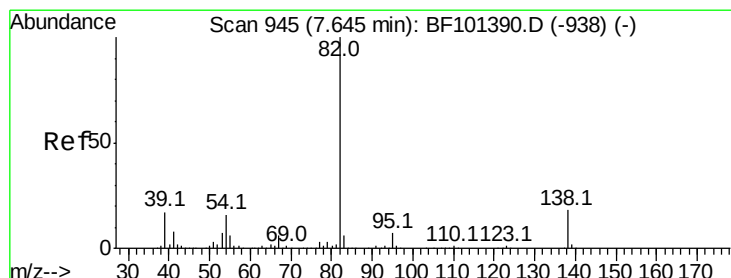
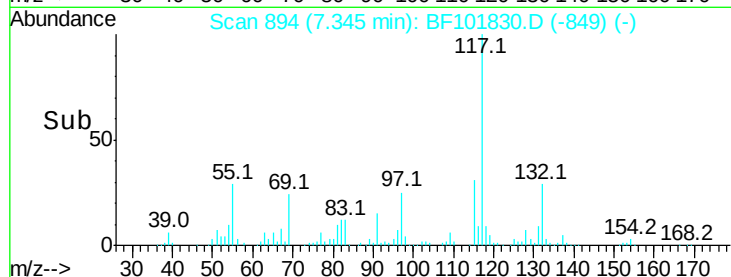
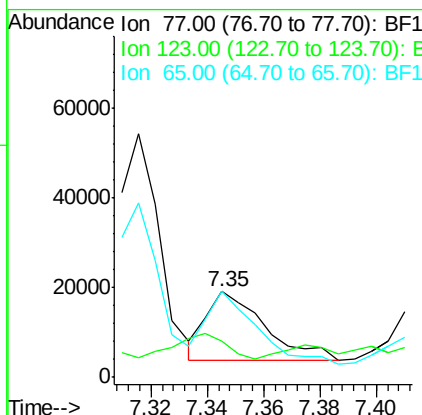
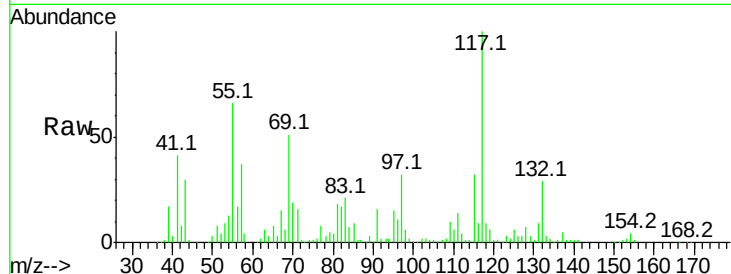




#24
Nitrobenzene
Concen: 2.907 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.04 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

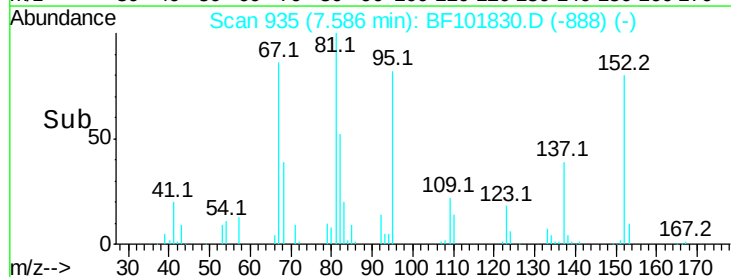
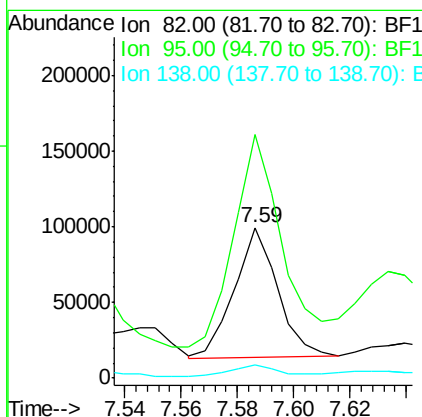
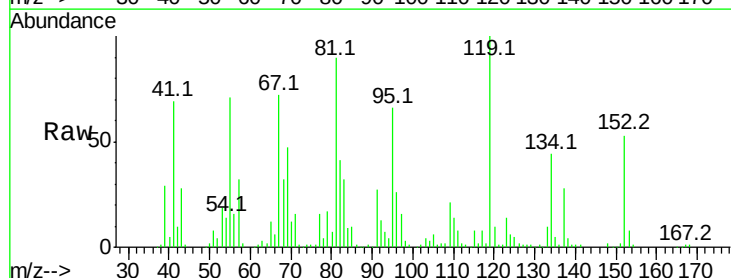
Instrument :
BNA_F
ClientSampleId :

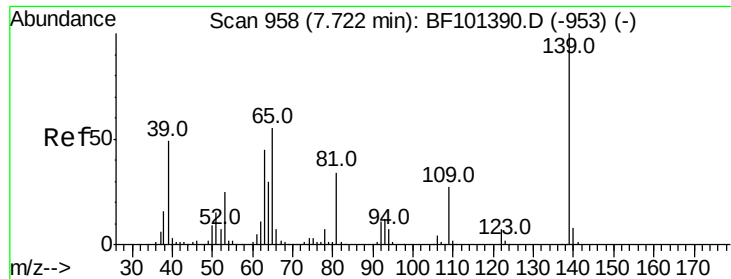
Tot Ion: 77 Resp: 21883
Ion Ratio Lower Upper
77 100
123 41.9 37.9 56.9
65 100.9 11.0 16.4#



#25
Isophorone
Concen: 6.670 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion: 82 Resp: 91002
Ion Ratio Lower Upper
82 100
95 162.0 5.2 7.8#
138 8.7 14.9 22.3#

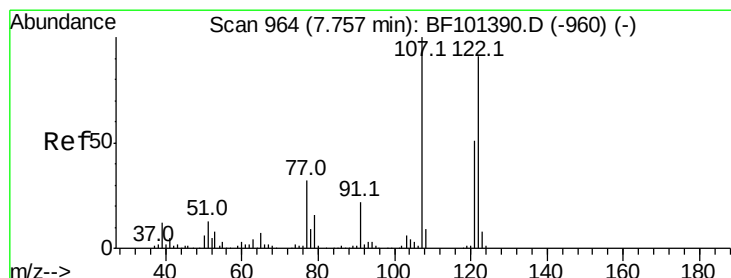
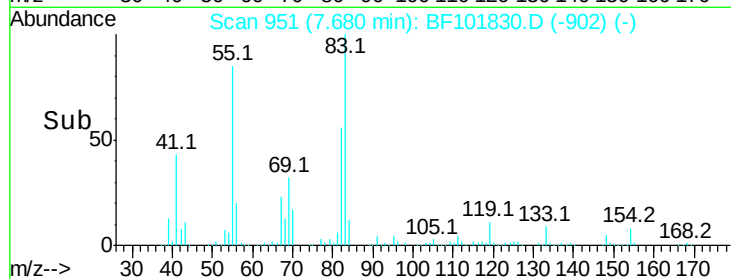
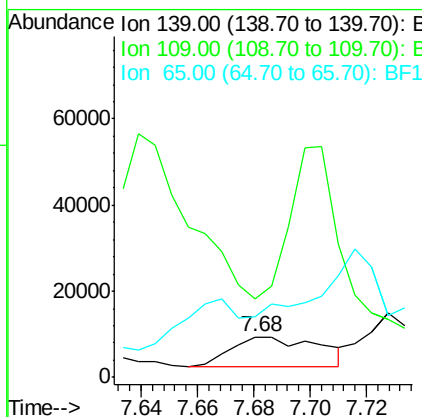
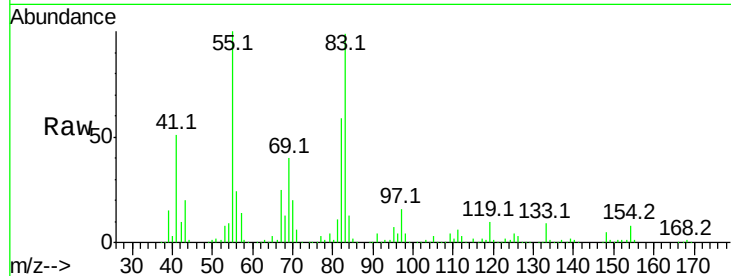




#26
2-Nitrophenol
Concen: 4.570 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

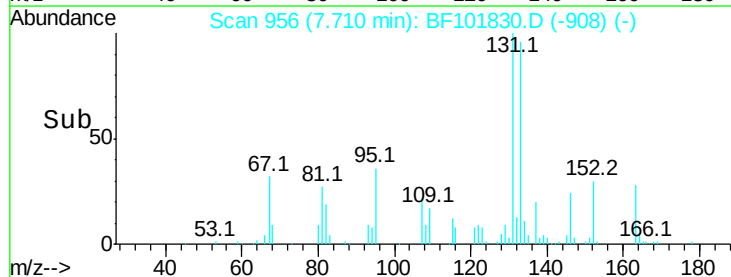
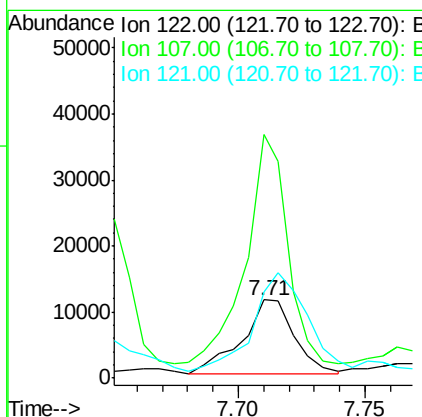
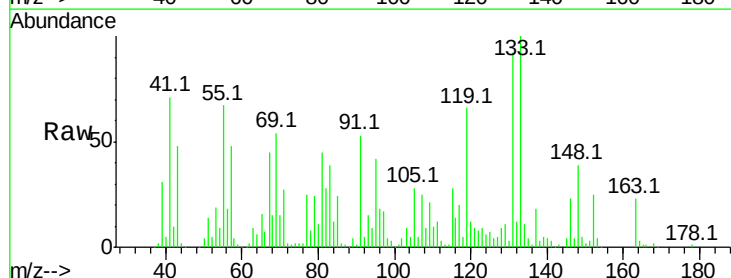
Instrument :
BNA_F
ClientSampleId :

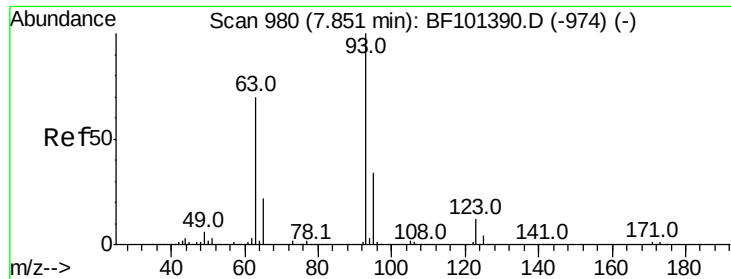
Tot Ion:139 Resp: 14776
Ion Ratio Lower Upper
139 100
109 194.2 22.7 34.1#
65 152.2 40.5 60.7#



#27
2,4-Dimethylphenol
Concen: 2.942 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion:122 Resp: 16160
Ion Ratio Lower Upper
122 100
107 312.4 91.2 136.8#
121 109.9 47.2 70.8#





#28

bis(2-Chloroethoxy)methane

Concen: 2.500 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

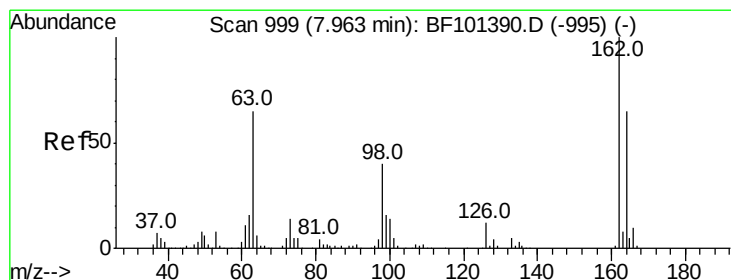
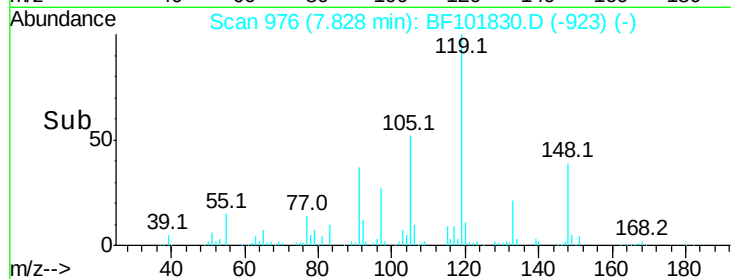
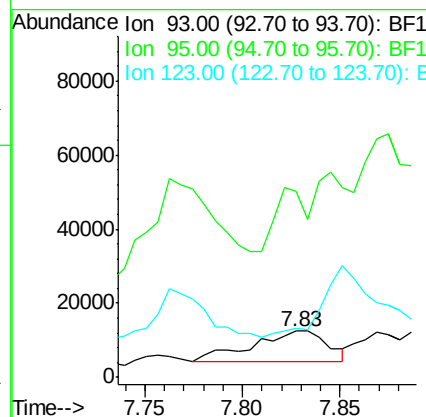
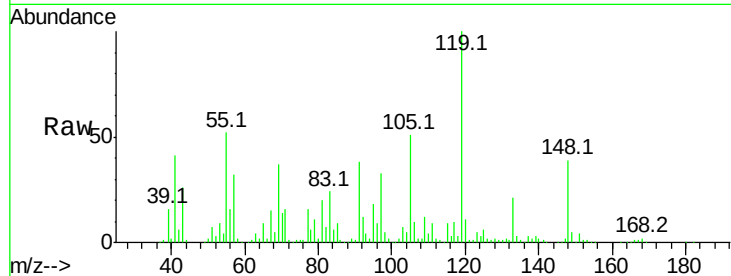
Tot Ion: 93 Resp: 21668

Ion Ratio Lower Upper

93 100

95 402.9 26.3 39.5#

123 105.1 9.8 14.6#



#29

2,4-Dichlorophenol

Concen: 4.080 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

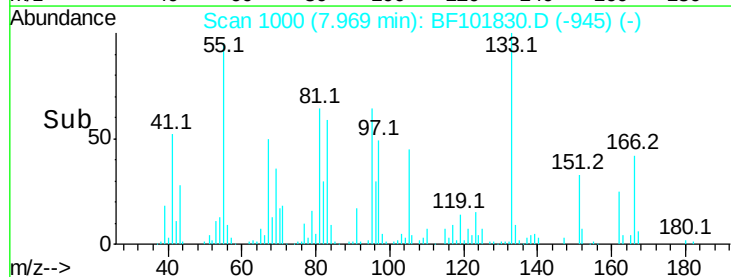
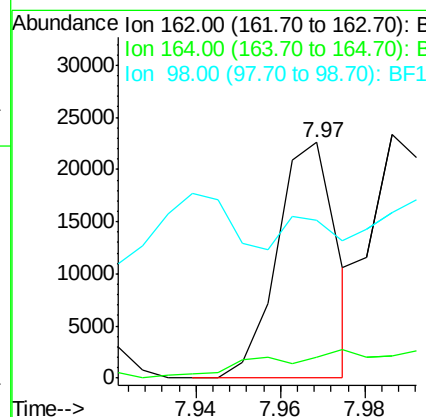
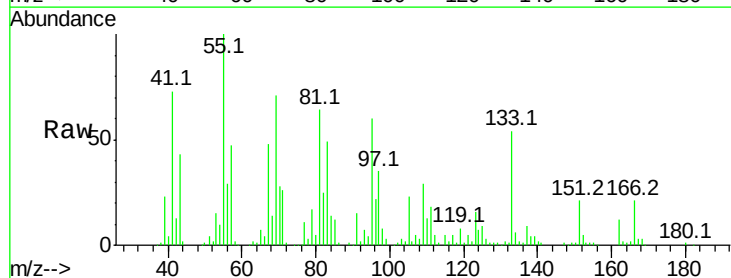
Tgt Ion:162 Resp: 22142

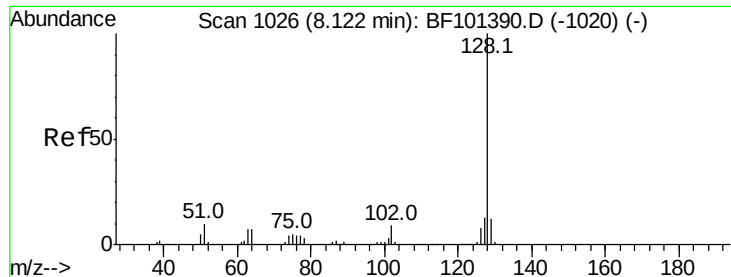
Ion Ratio Lower Upper

162 100

164 8.7 42.7 82.7#

98 67.1 18.1 58.1#

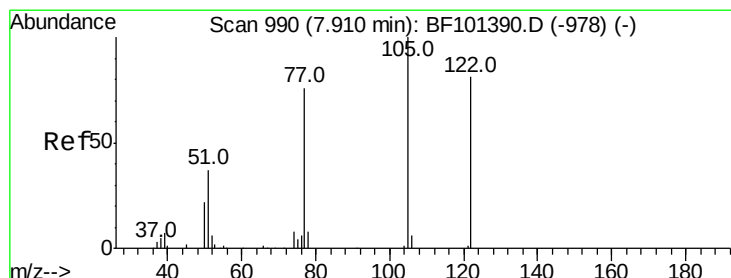
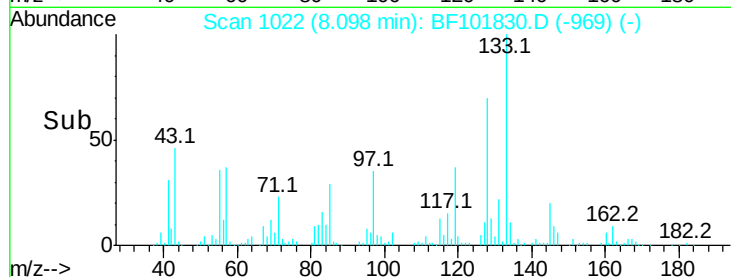
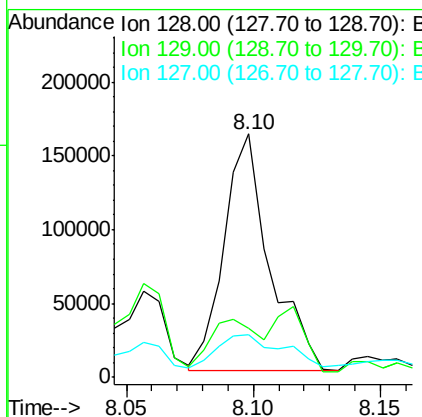
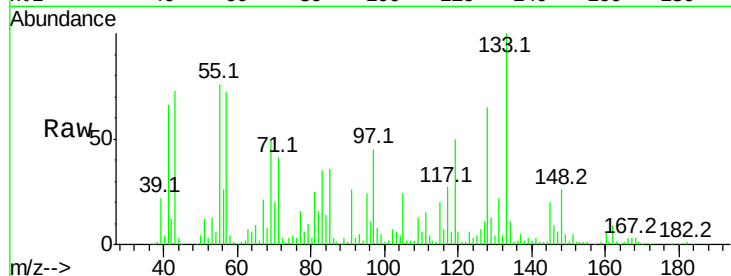




#31
Naphthalene
Concen: 10.497 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

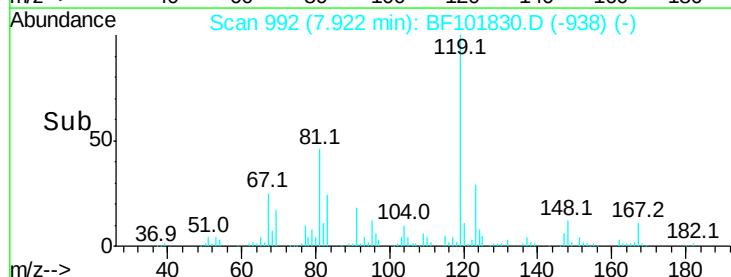
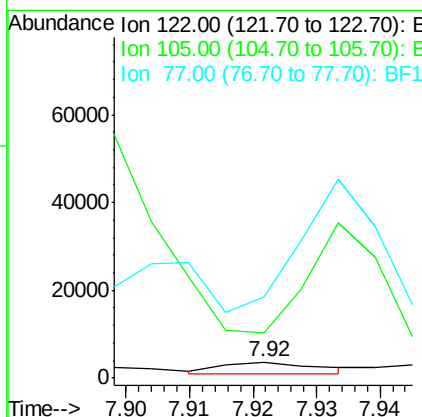
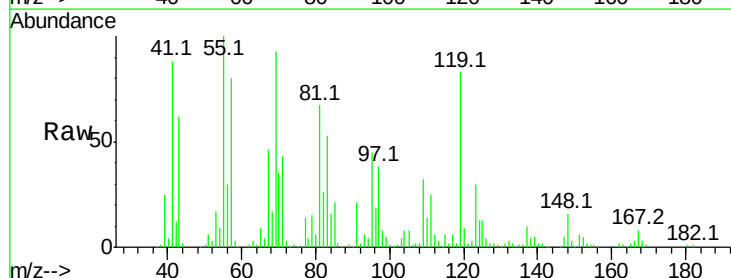
Instrument :
BNA_F
ClientSampleId :

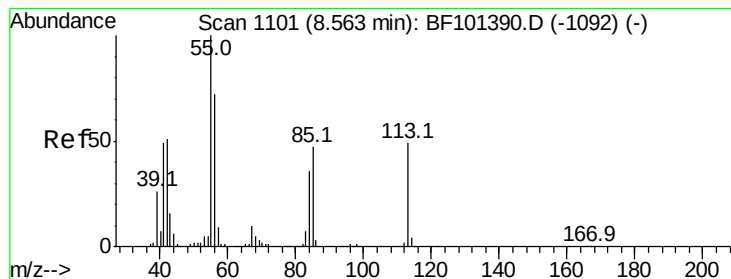
Tot Ion:128 Resp: 200065
Ion Ratio Lower Upper
128 100
129 20.0 8.8 13.2#
127 17.4 10.9 16.3#



#32
Benzoic acid
Concen: 8.585 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion:122 Resp: 2771
Ion Ratio Lower Upper
122 100
105 287.3 101.1 141.1#
77 512.9 70.7 110.7#





#35

Caprolactam

Concen: 10.069 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

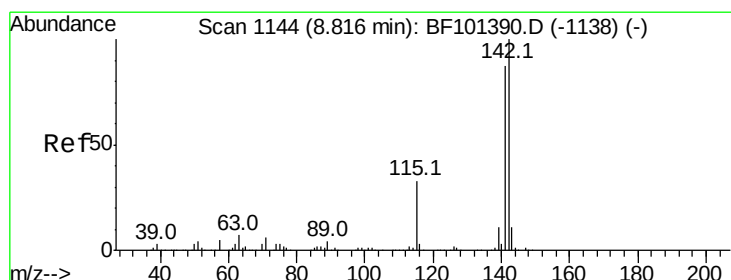
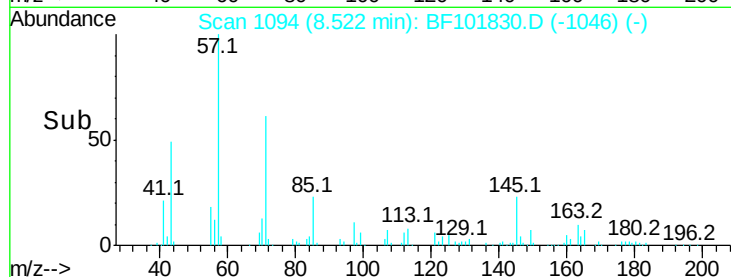
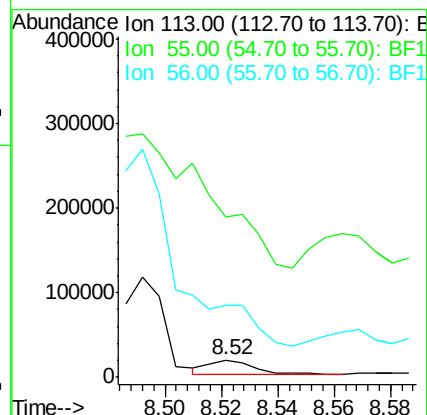
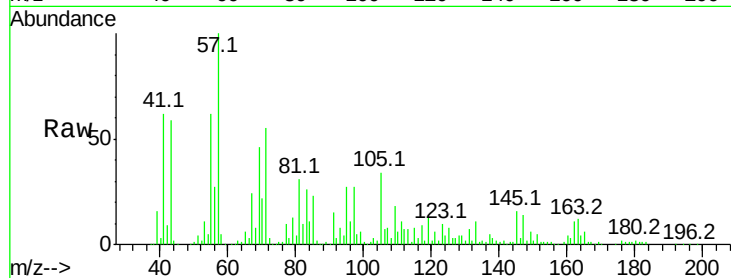
Tot Ion:113 Resp: 18976

Ion Ratio Lower Upper

113 100

55 926.9 163.3 203.3#

56 412.5 115.7 155.7#



#37

2-Methylnaphthalene

Concen: 39.730 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

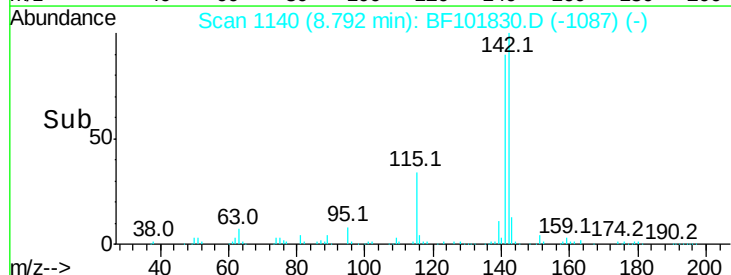
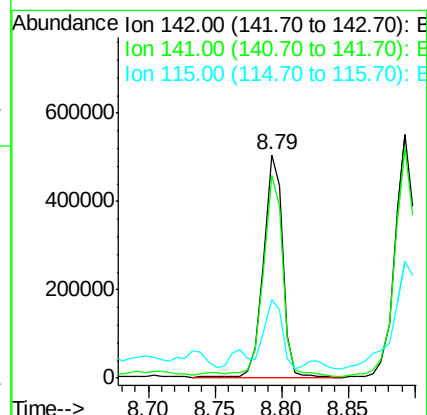
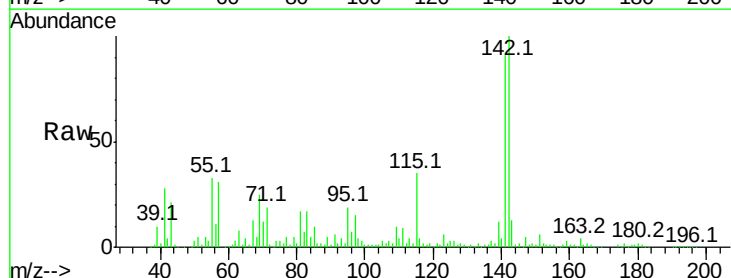
Tgt Ion:142 Resp: 493326

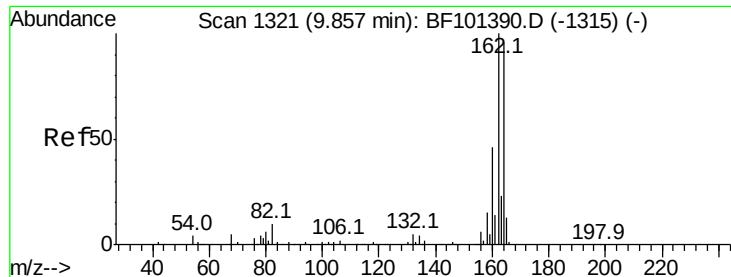
Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

115 35.4 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

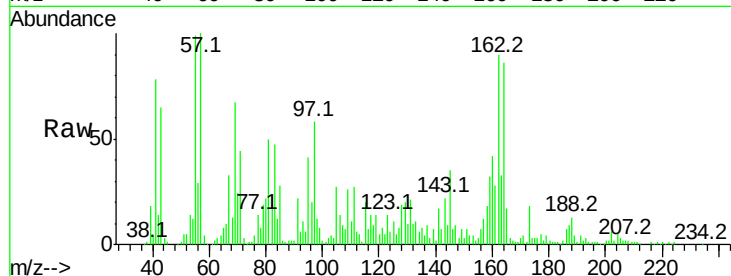
Tot Ion:164 Resp: 154773

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

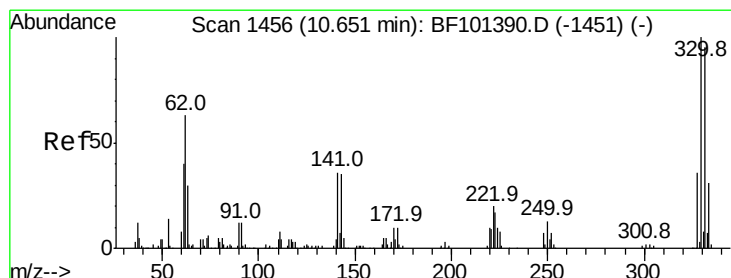
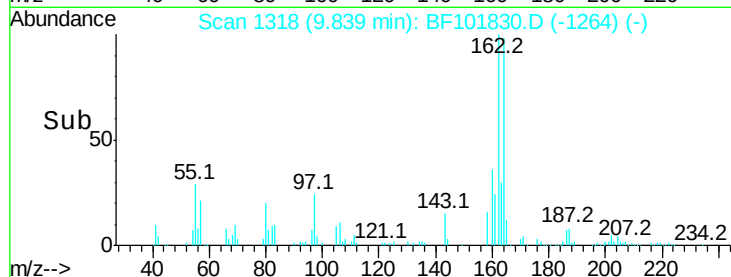
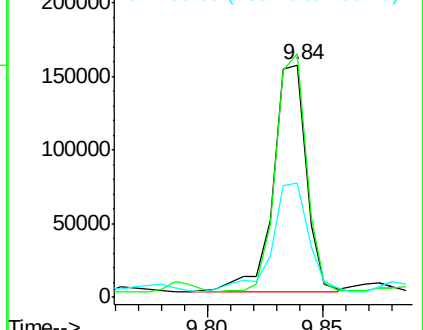
160 49.2 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 109.965 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

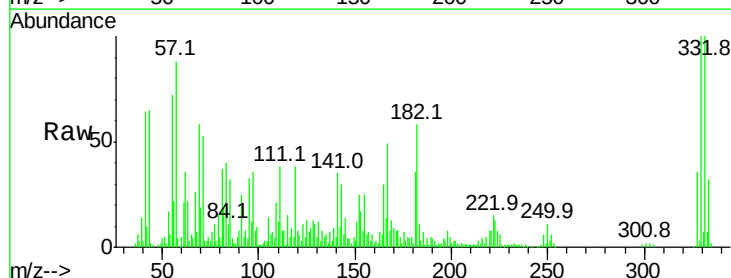
Tgt Ion:330 Resp: 163998

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

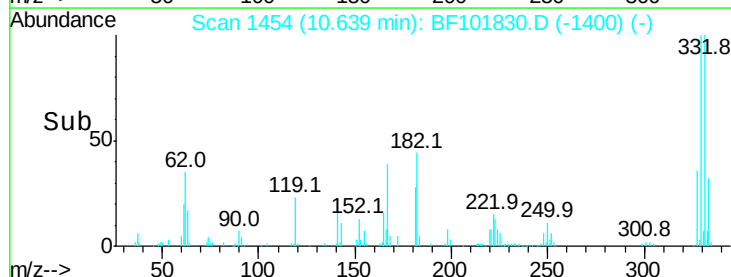
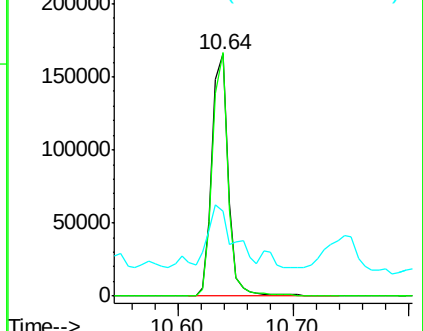
141 34.4 29.9 44.9

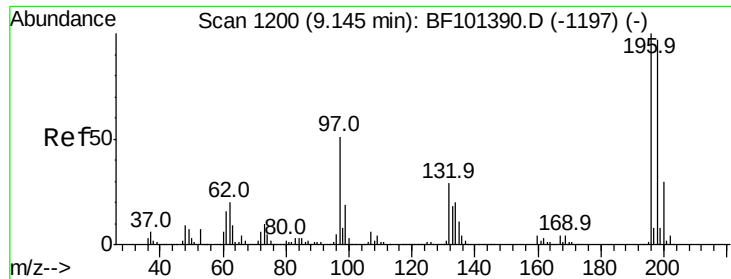


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

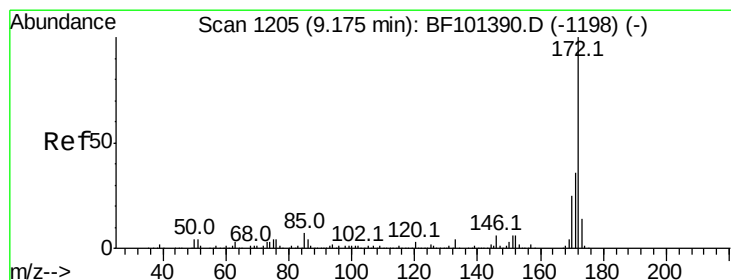
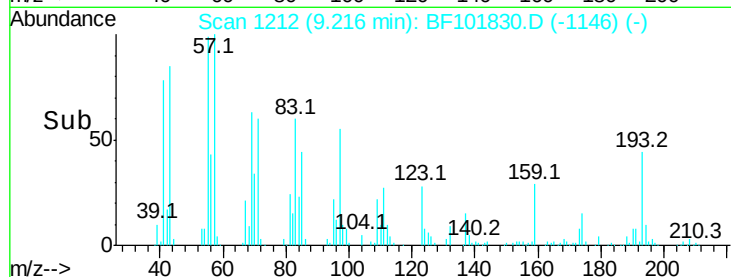
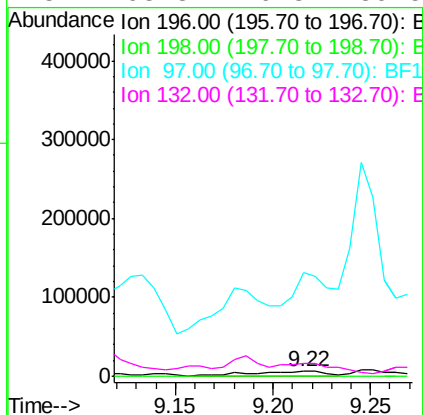
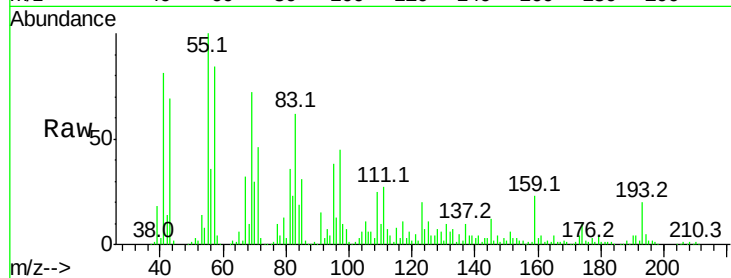




#43
 2,4,5-Trichlorophenol
 Concen: 4.126 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.09 min
 Lab File: BF101830.D
 Acq: 29 Dec 2017 15:42

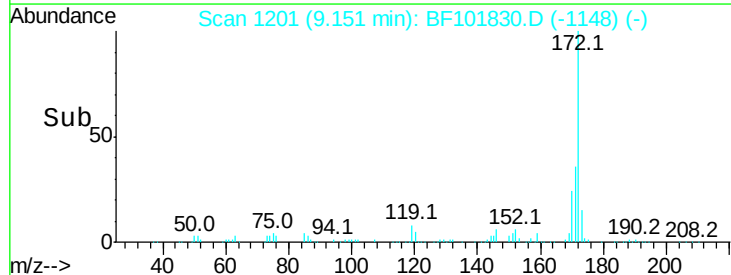
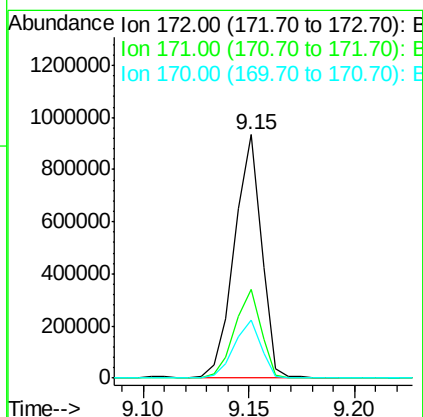
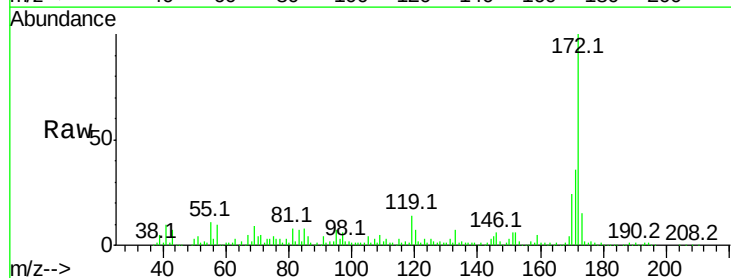
Instrument :
 BNA_F
 ClientSampleId :

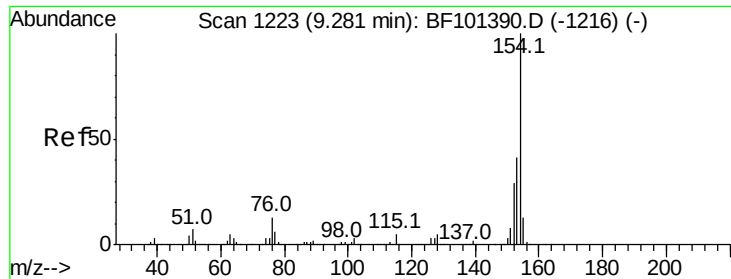
Tot Ion:196 Resp: 14212
 Ion Ratio Lower Upper
 196 100
 198 5.4 74.6 112.0#
 97 2088.4 42.9 64.3#
 132 263.8 26.3 39.5#



#44
 2-Fluorobiphenyl
 Concen: 82.465 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101830.D
 Acq: 29 Dec 2017 15:42

Tgt Ion:172 Resp: 822788
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 19.6 29.4





#45

1,1'-Biphenyl

Concen: 15.950 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampled :

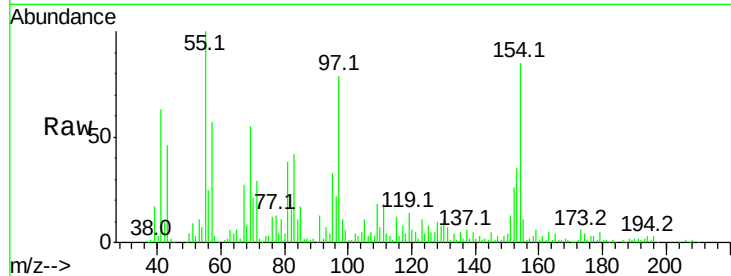
Tot Ion:154 Resp: 218934

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

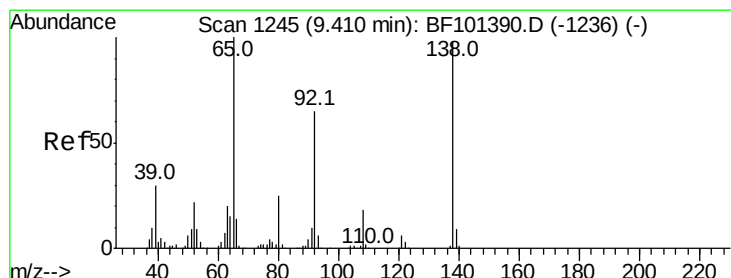
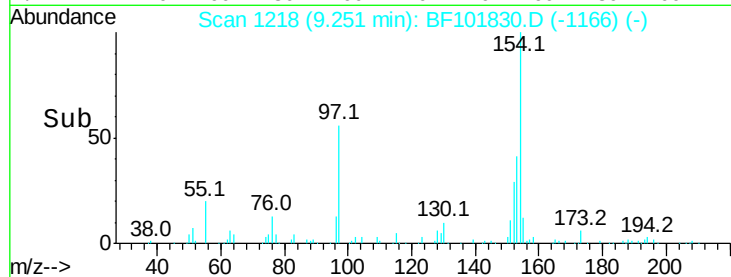
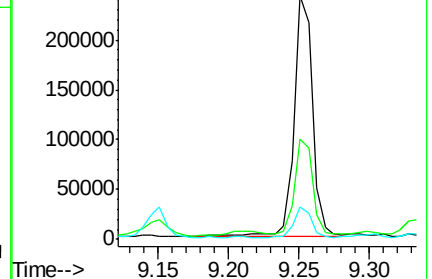
76 13.6 0.0 34.0



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-Nitroaniline

Concen: 2.156 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.04 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

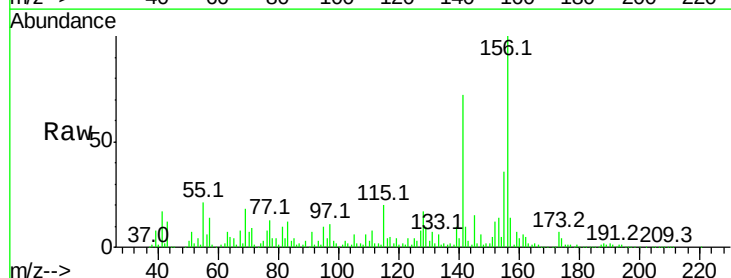
Tgt Ion: 65 Resp: 7823

Ion Ratio Lower Upper

65 100

92 39.6 55.8 83.6#

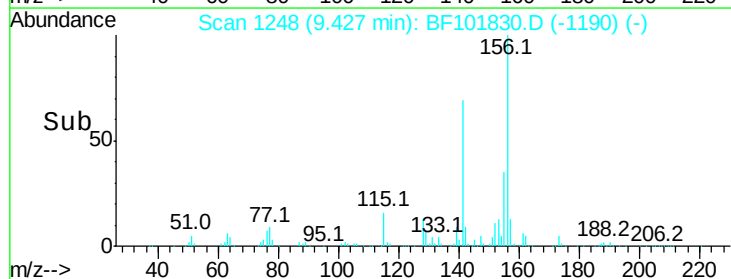
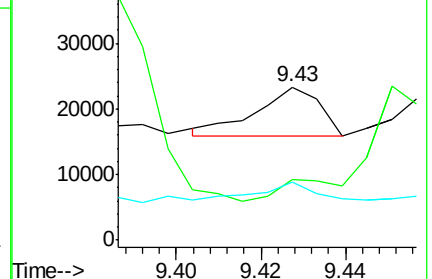
138 38.1 91.2 136.8#

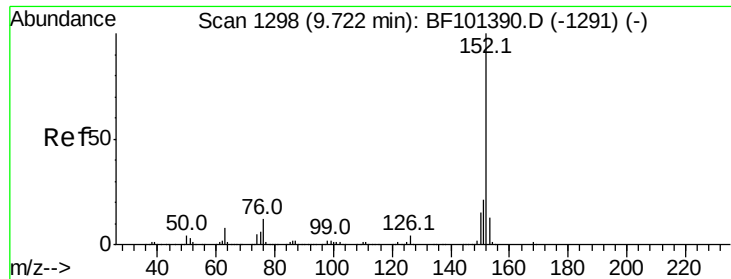


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.689 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

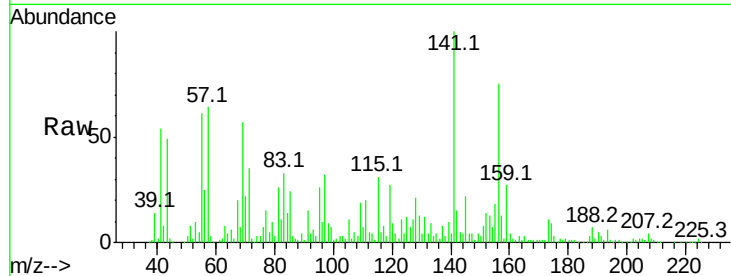
Tot Ion:152 Resp: 44610

Ion Ratio Lower Upper

152 100

151 56.7 16.3 24.5#

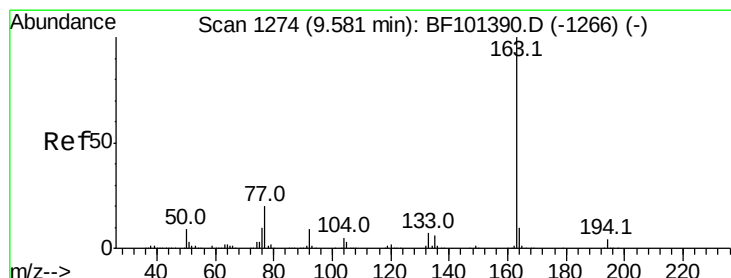
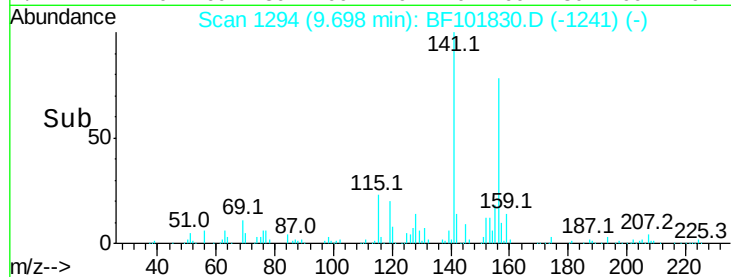
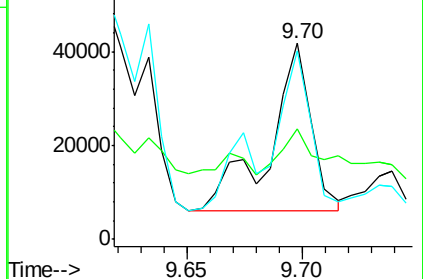
153 96.5 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.369 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

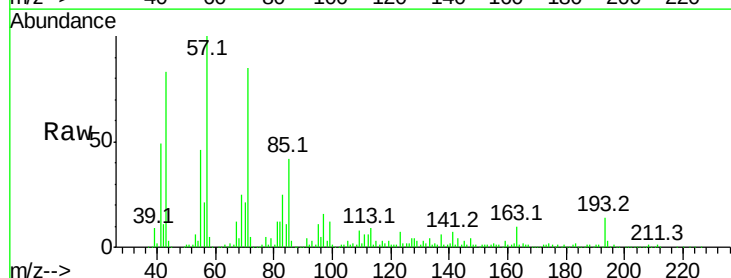
Tgt Ion:163 Resp: 54389

Ion Ratio Lower Upper

163 100

194 29.2 2.7 4.1#

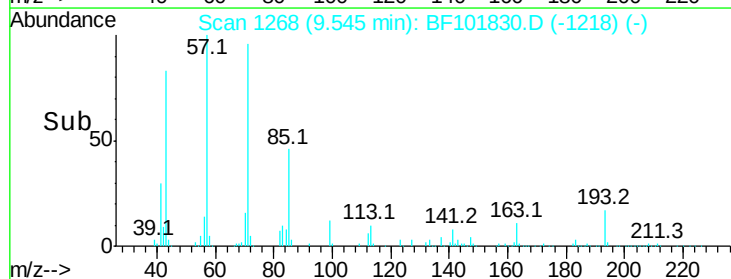
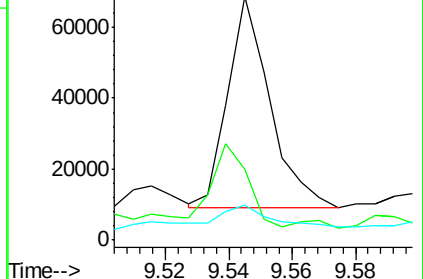
164 14.6 8.2 12.2#

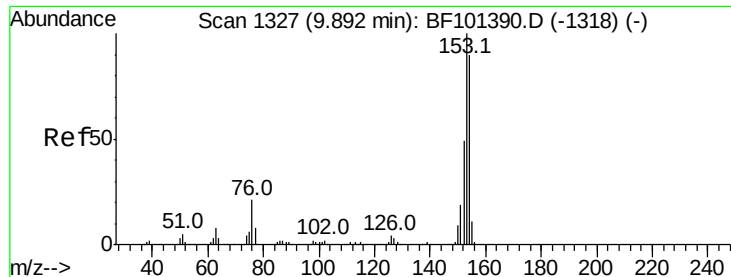


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.501 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

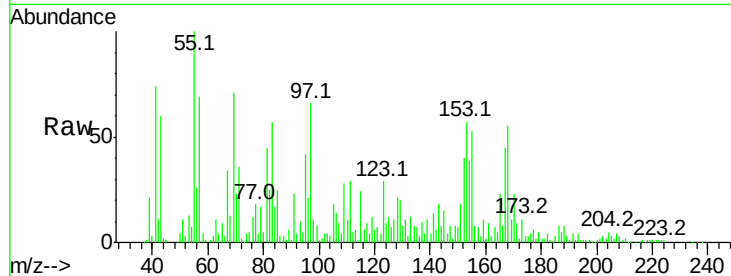
Tot Ion:154 Resp: 64791

Ion Ratio Lower Upper

154 100

153 145.9 91.2 136.8#

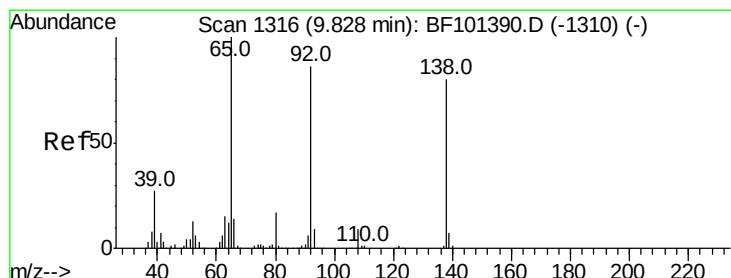
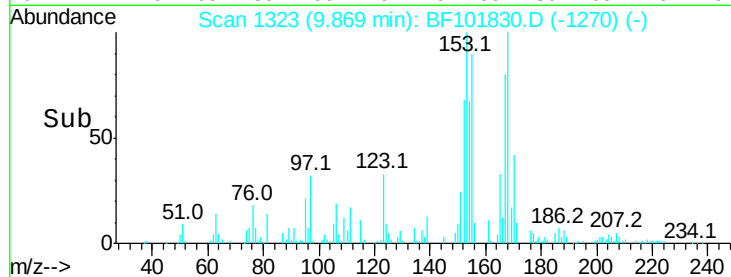
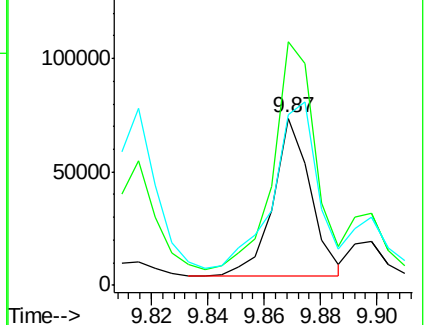
152 102.0 43.8 65.8#



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



#52

3-Nitroaniline

Concen: 2.216 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

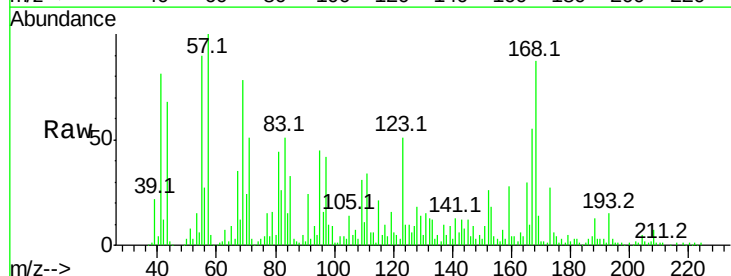
Tgt Ion:138 Resp: 6990

Ion Ratio Lower Upper

138 100

108 68.5 9.4 14.0#

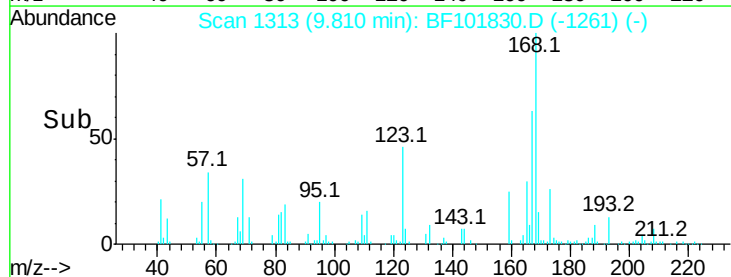
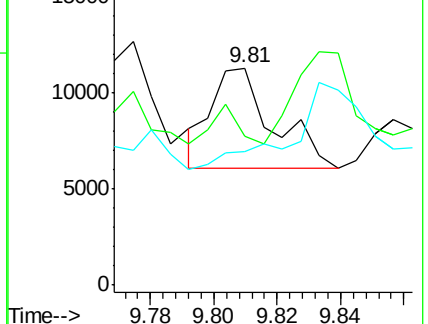
92 61.6 89.4 134.2#

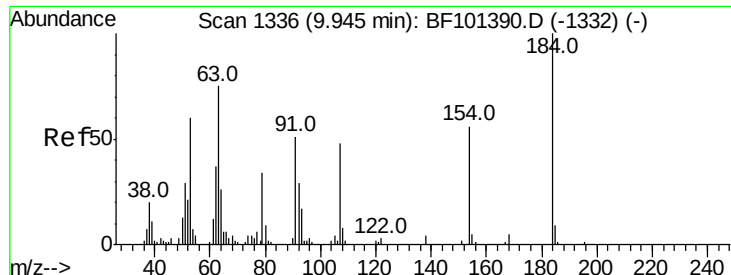


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

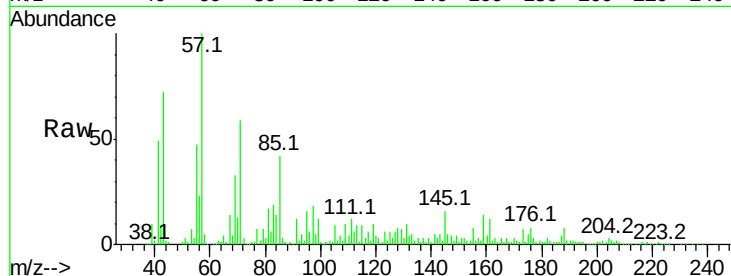




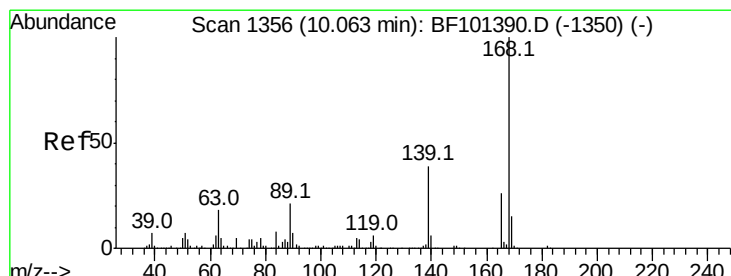
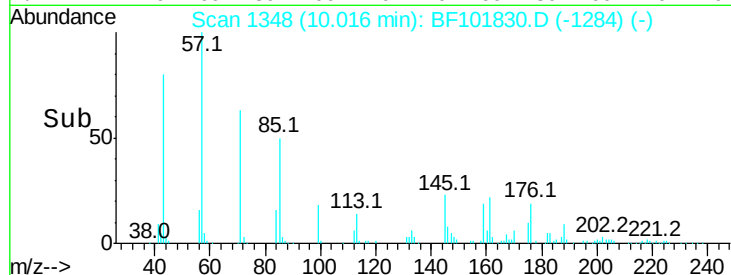
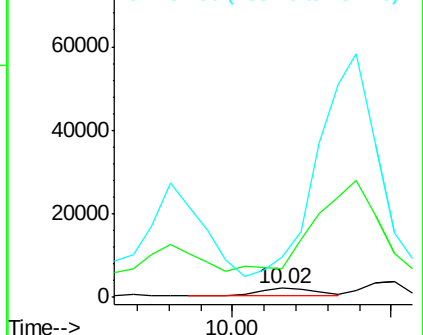
#53
2,4-Dinitrophenol
Concen: 12.528 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.08 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2234
Ion Ratio Lower Upper
184 100
63 331.6 54.2 81.2#
154 453.8 184.0 276.0#

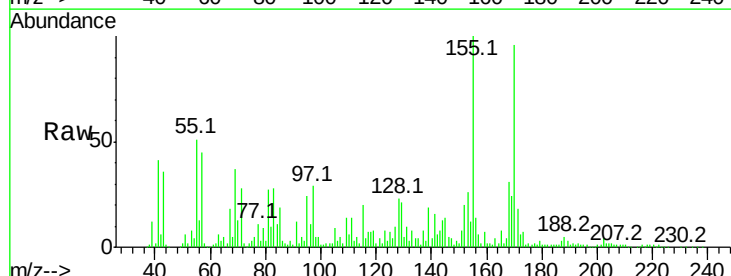


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

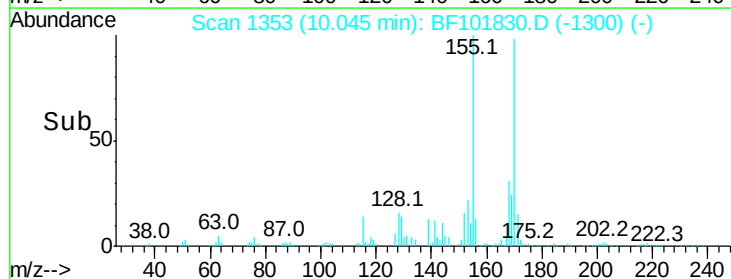
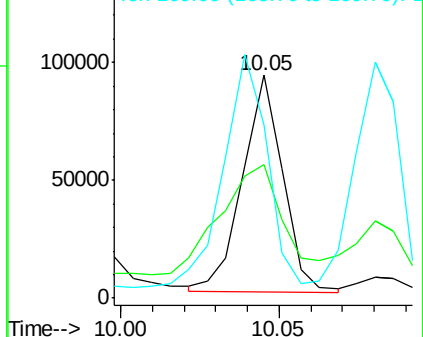


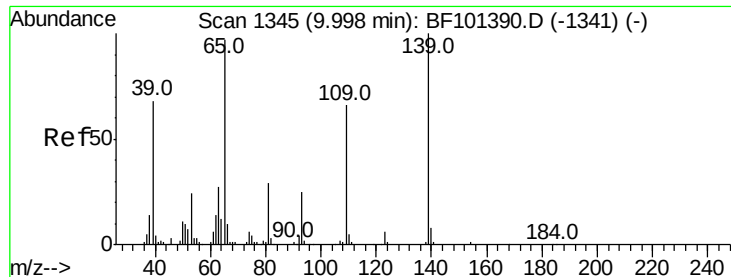
#54
Dibenzofuran
Concen: 6.417 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion:168 Resp: 81276
Ion Ratio Lower Upper
168 100
139 59.9 30.1 45.1#
169 77.6 10.9 16.3#



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





#55

4-Nitrophenol

Concen: 6.764 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

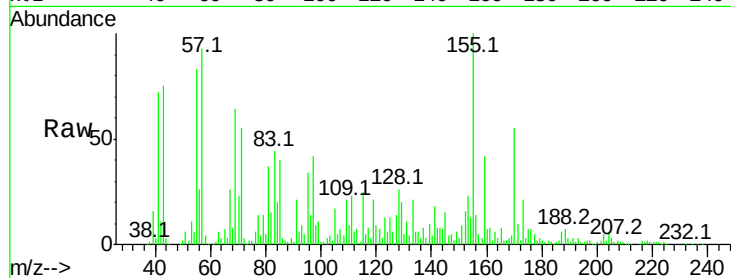
Tot Ion:139 Resp: 9304

Ion Ratio Lower Upper

139 100

109 213.2 48.4 88.4#

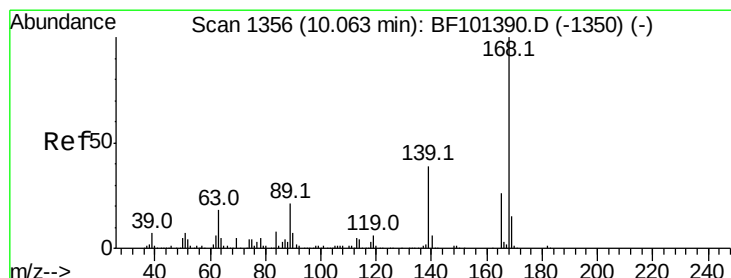
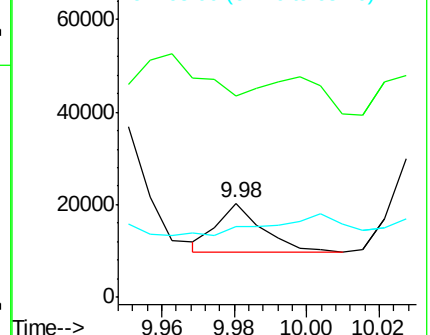
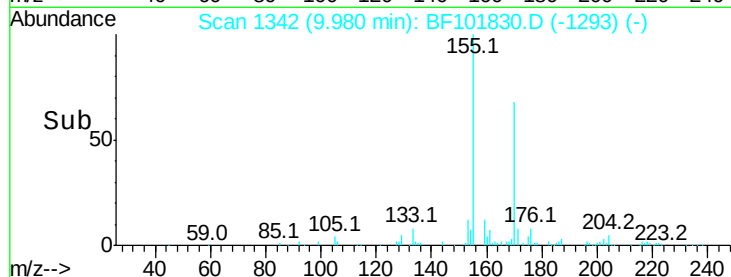
65 75.5 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 6.530 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.04 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Tgt Ion:165 Resp: 18615

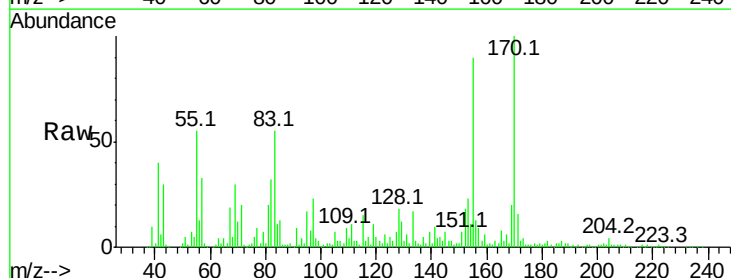
Ion Ratio Lower Upper

165 100

63 57.8 36.4 54.6#

89 31.5 57.8 86.6#

182 33.7 1.6 2.4#

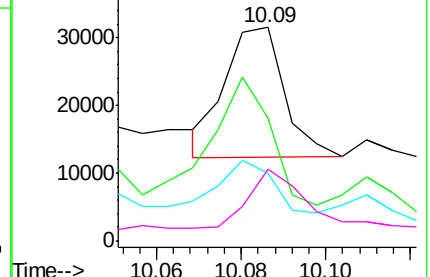
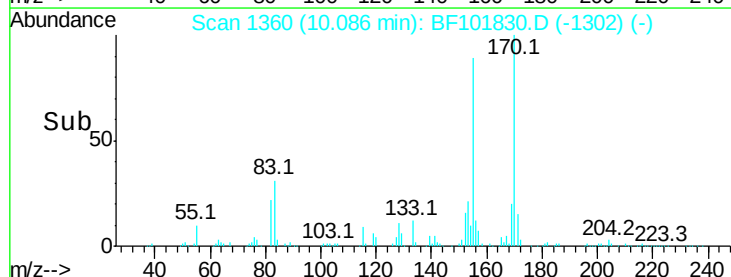


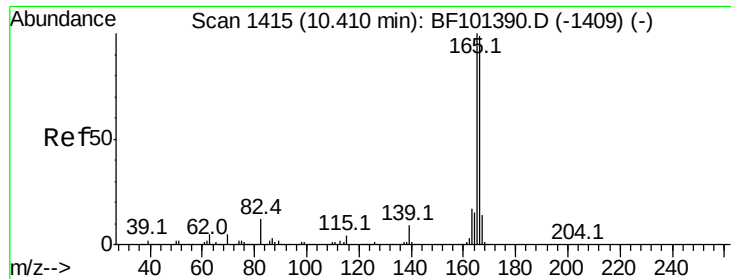
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 14.395 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampled :

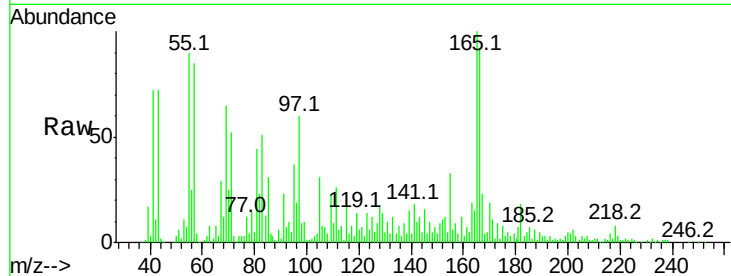
Tot Ion:166 Resp: 154237

Ion Ratio Lower Upper

166 100

165 108.5 79.8 119.8

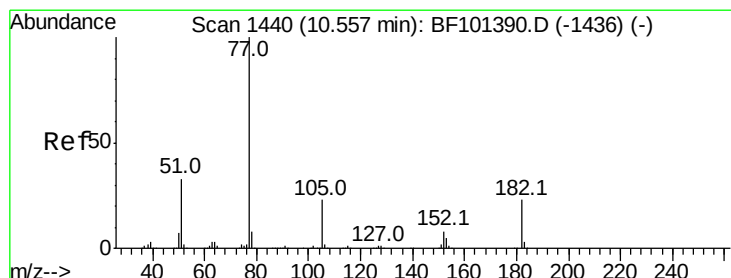
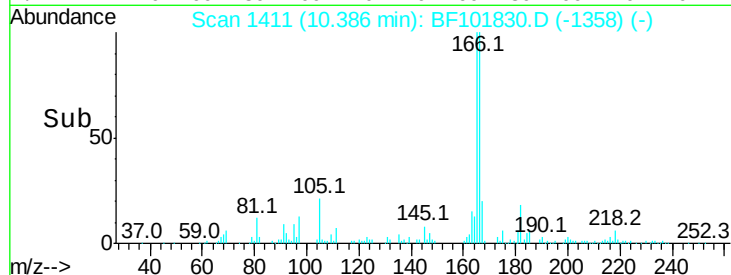
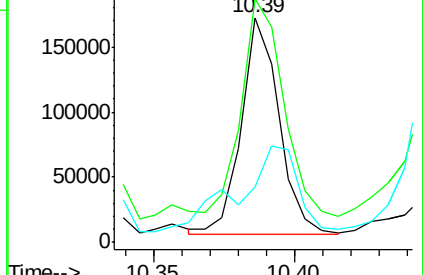
167 24.8 10.6 16.0#



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



#62

Azobenzene

Concen: 2.340 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Tgt Ion: 77 Resp: 29883

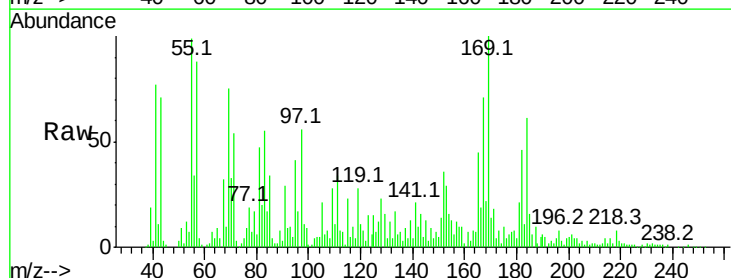
Ion Ratio Lower Upper

77 100

182 240.8 1.7 41.7#

105 110.3 3.0 43.0#

51 44.9 9.9 49.9

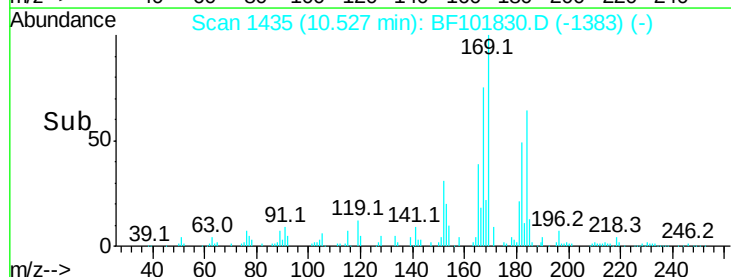
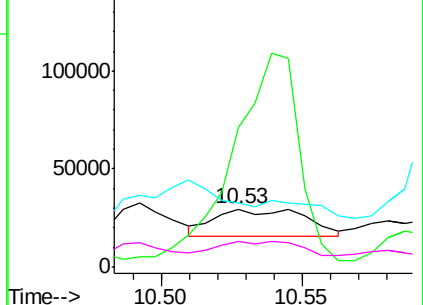


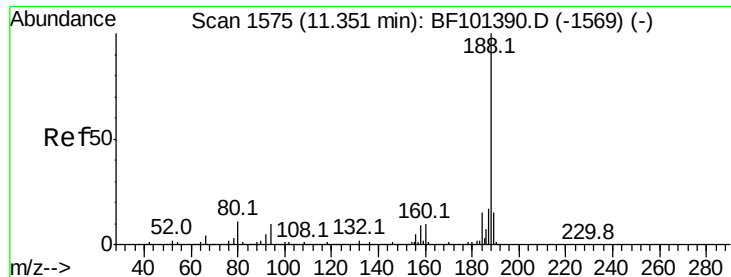
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

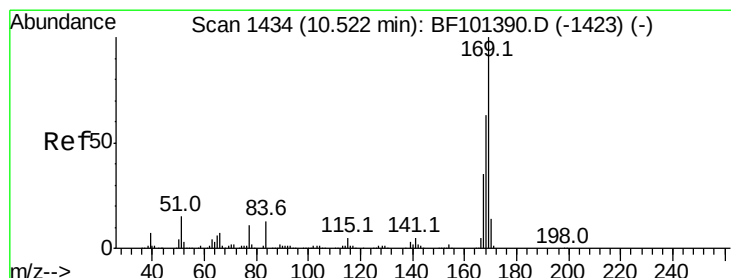
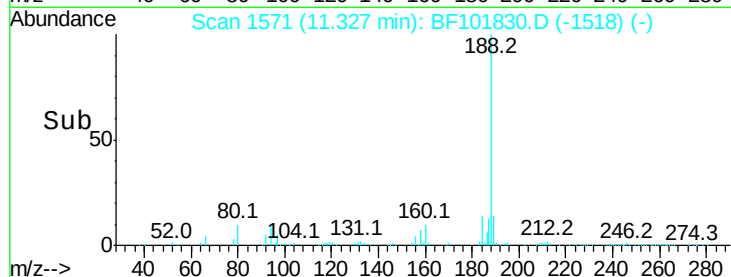
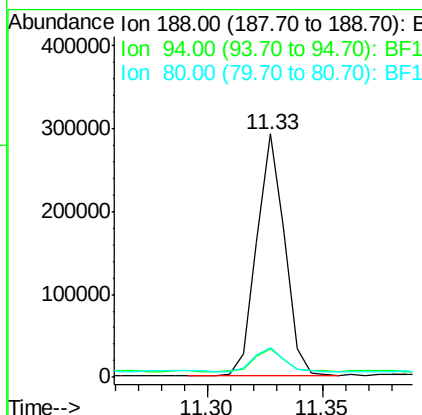
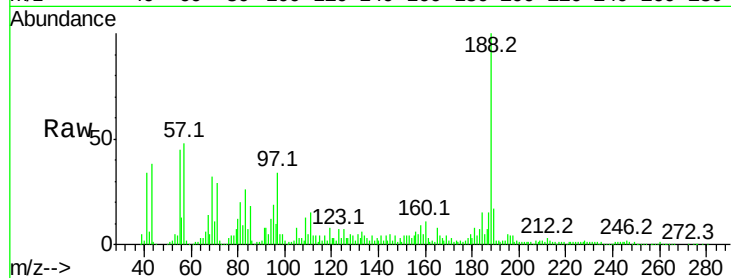




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

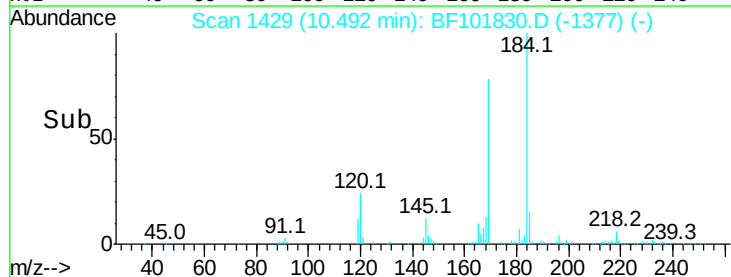
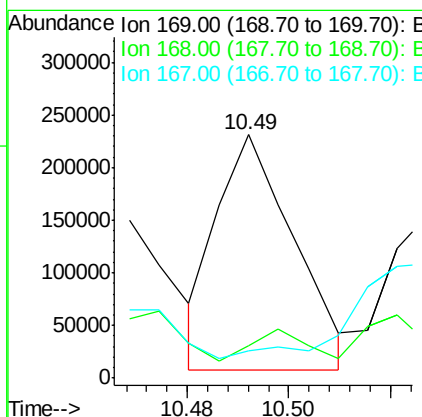
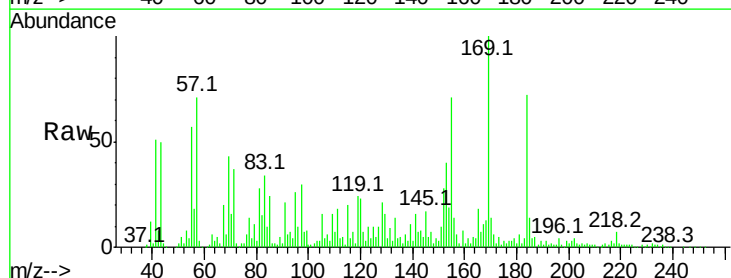
Instrument :
BNA_F
ClientSampleId :

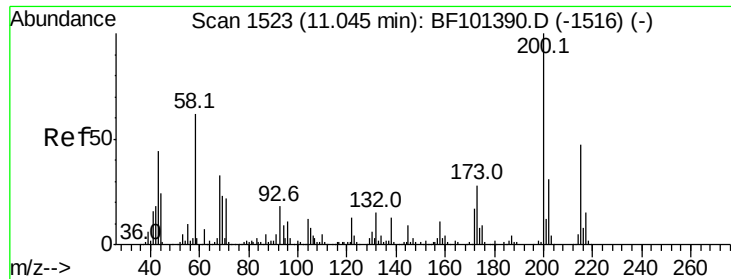
Tot Ion:188 Resp: 246744
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.3 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 25.856 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion:169 Resp: 235574
Ion Ratio Lower Upper
169 100
168 13.2 54.4 81.6#
167 11.5 29.8 44.6#

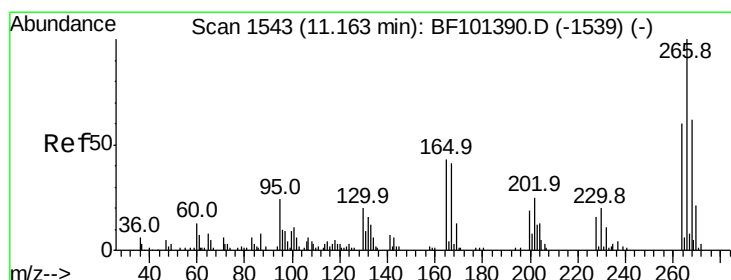
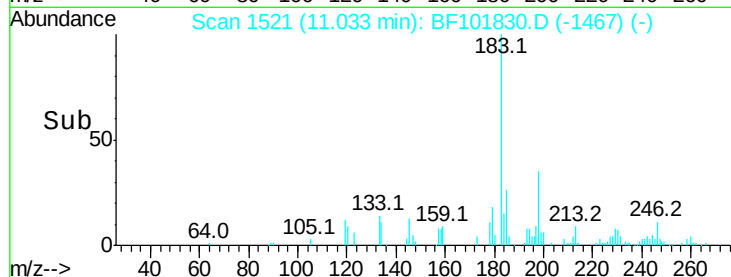
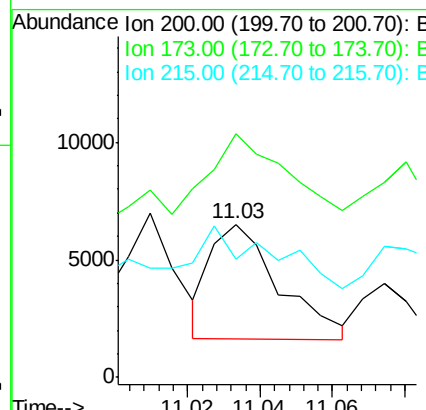
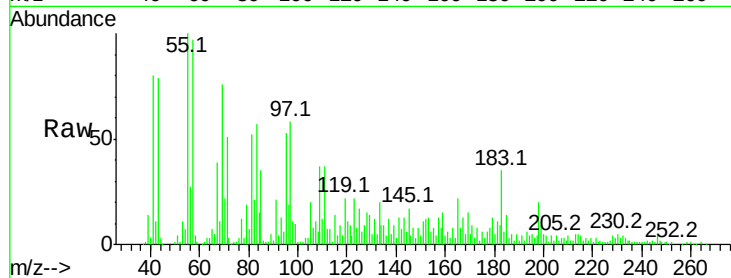




#68
Atrazine
Concen: 2.371 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

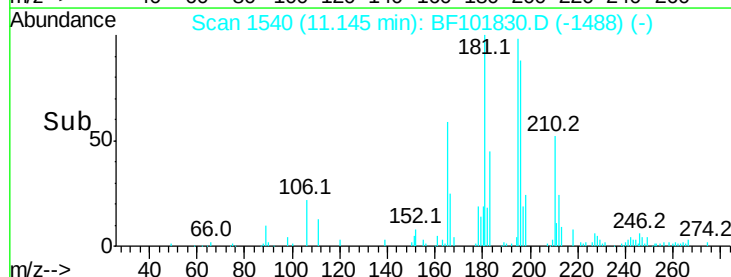
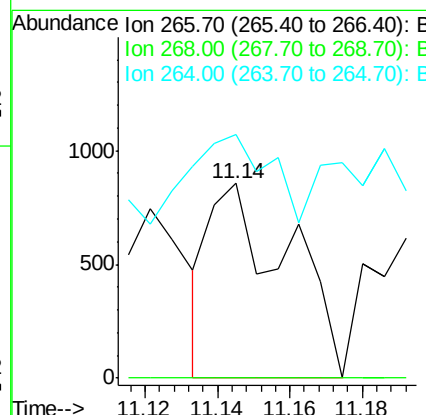
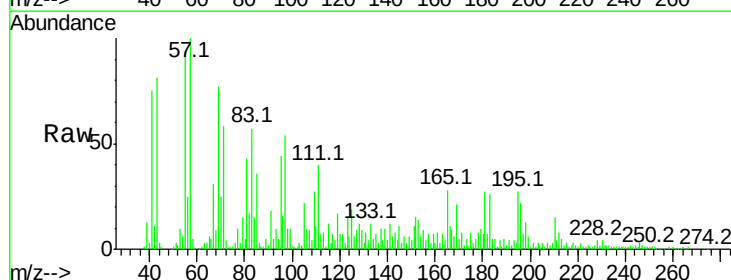
Instrument :
BNA_F
ClientSampleId :

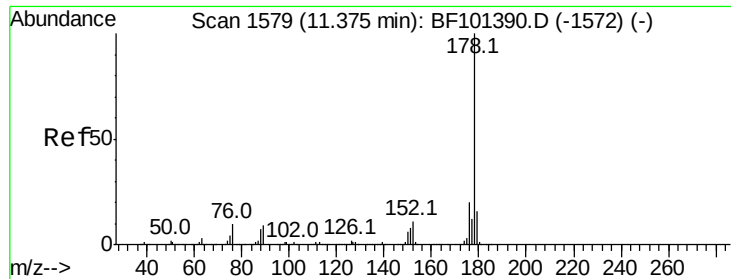
Tot Ion:200 Resp: 6440
Ion Ratio Lower Upper
200 100
173 159.0 8.6 48.6#
215 77.5 25.1 65.1#



#69
Pentachlorophenol
Concen: 7.595 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Tgt Ion:266 Resp: 1291
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 125.0 49.5 74.3#





#70

Phenanthrene

Concen: 29.232 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampled :

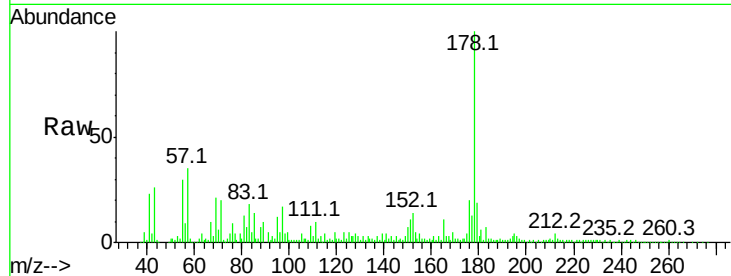
Tot Ion:178 Resp: 401115

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

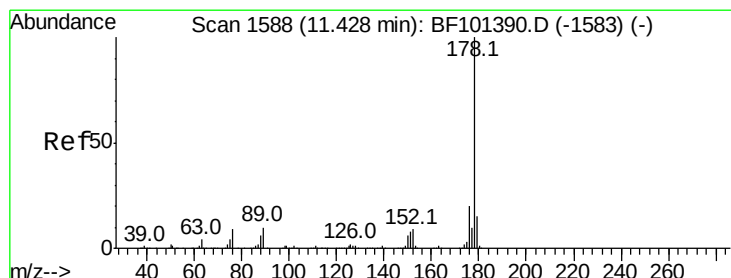
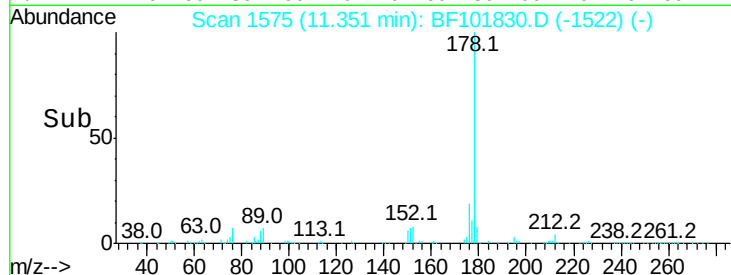
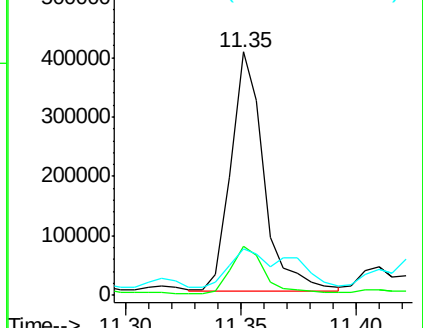
179 18.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 28.219 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.04 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

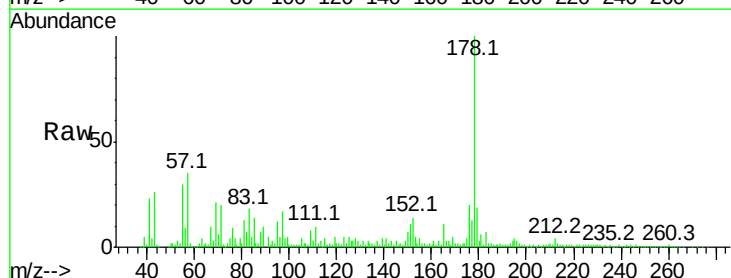
Tgt Ion:178 Resp: 395532

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

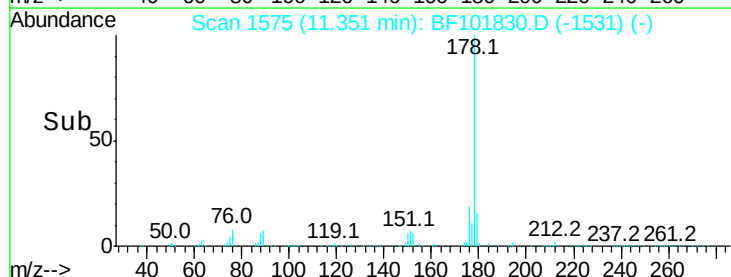
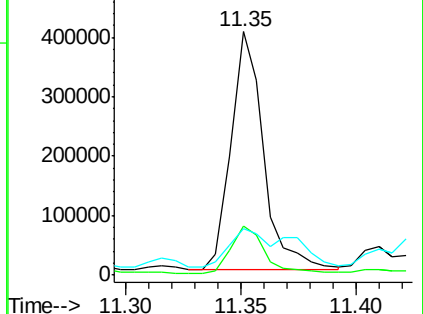
179 18.9 12.6 19.0

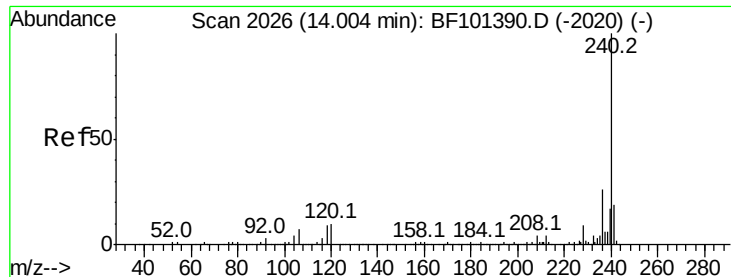


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

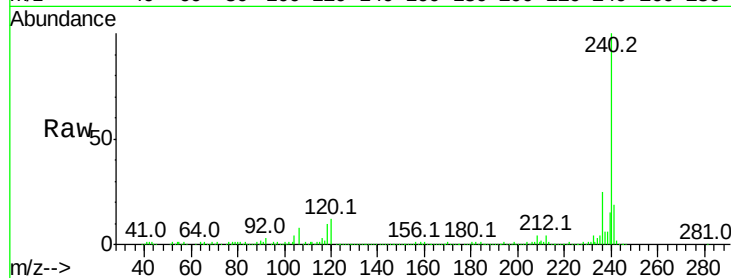
Tot Ion:240 Resp: 294394

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

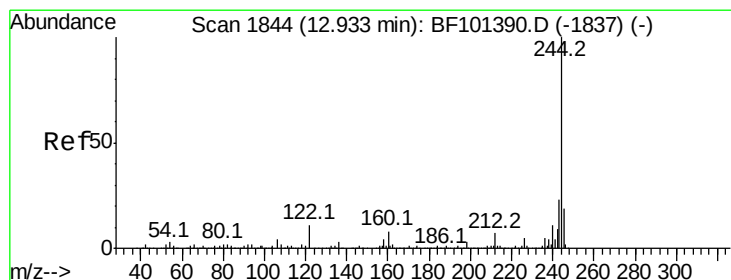
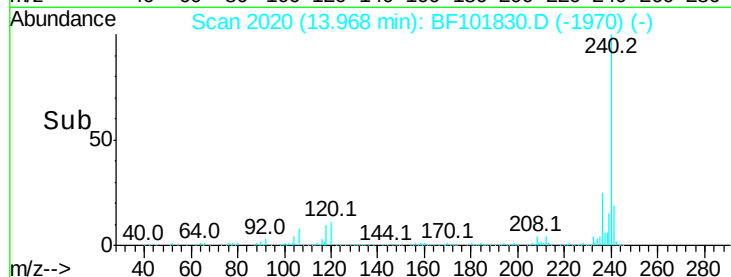
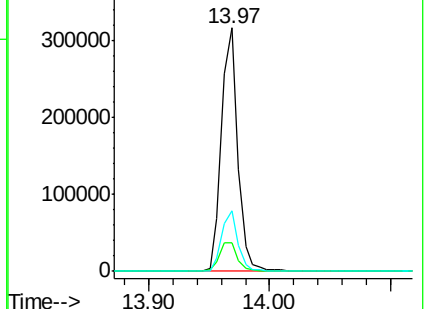
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 61.816 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101830.D

Acq: 29 Dec 2017 15:42

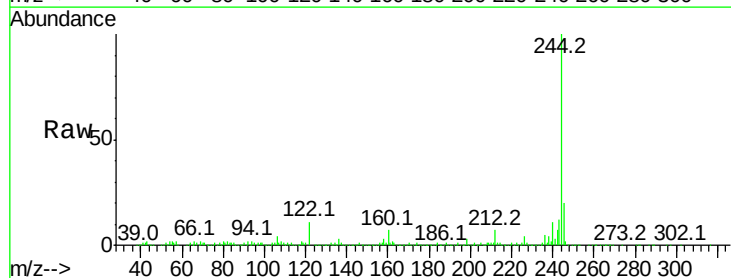
Tgt Ion:244 Resp: 754868

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

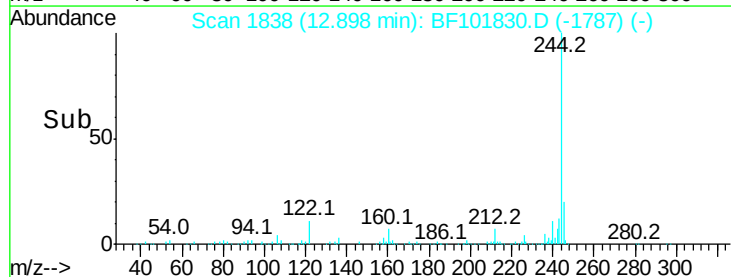
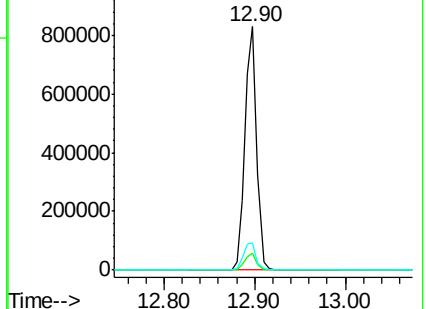
122 11.0 11.0 16.4

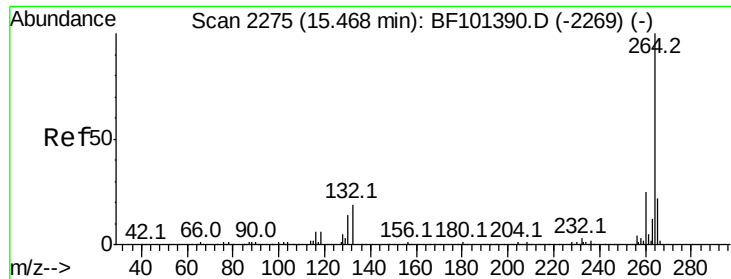


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



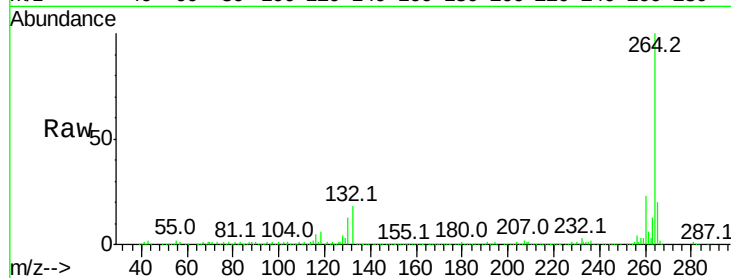


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF101830.D
Acq: 29 Dec 2017 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 316220

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.4	17.5	26.3



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

