

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093890.D
 Acq On : 23 Mar 2017 20:26
 Operator : SJ/MA
 Sample : I2371-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0669

Quant Time: Mar 24 01:06:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

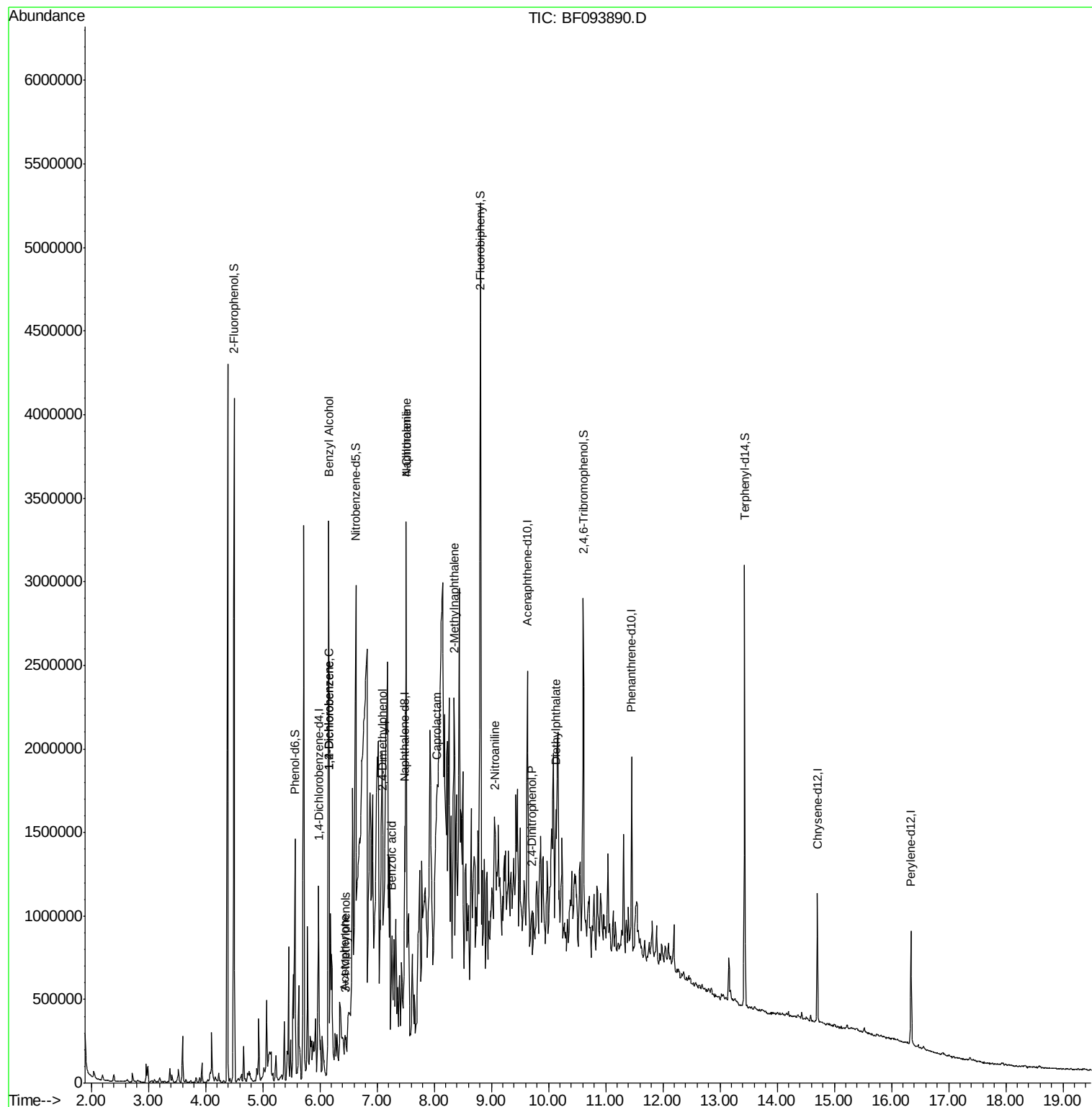
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	156302	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	627397	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	283911	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	441268	20.00	ng	0.00
75) Chrysene-d12	14.70	240	291046	20.00	ng	-0.01
86) Perylene-d12	16.34	264	280262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	565321	61.09	ng	0.00
7) Phenol-d6	5.56	99	497771	43.48	ng	-0.01
23) Nitrobenzene-d5	6.63	82	971864	88.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	316122	140.91	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1628835	87.51	ng	-0.01
78) Terphenyl-d14	13.43	244	974681	75.06	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	6.17	146	27800	2.41	ng	95
14) 1,2-Dichlorobenzene	6.17	146	27800	2.61	ng	97
15) Benzyl Alcohol	6.16	79	19740	2.36	ng	# 42
20) 3+4-Methylphenols	6.46	107	53046	5.03	ng	# 60
22) Acetophenone	6.44	105	37509	2.68	ng	# 60
27) 2,4-Dimethylphenol	7.10	122	31296	3.51	ng	94
31) Naphthalene	7.51	128	1428710	47.36	ng	100
32) Benzoic acid	7.26	122	58411	9.85	ng	# 13
33) 4-Chloroaniline	7.51	127	194923	15.94	ng	# 36
35) Caprolactam	8.03	113	17901	6.74	ng	# 1
37) 2-Methylnaphthalene	8.35	142	141797	7.05	ng	97
47) 2-Nitroaniline	9.07	65	14175	2.67	ng	# 36
53) 2,4-Dinitrophenol	9.71	184	383	4.81	ng	# 1
59) Diethylphthalate	10.13	149	102827	5.16	ng	# 72

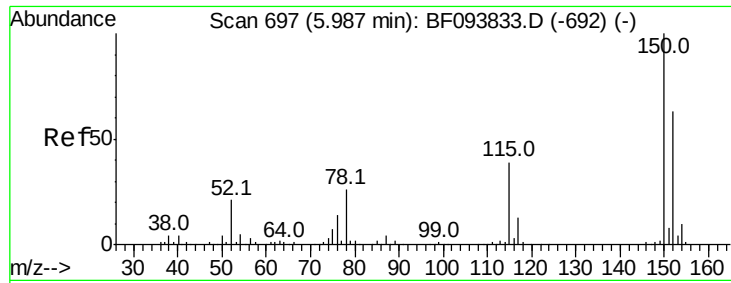
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0669

Quant Time: Mar 24 01:06:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

S8-0669

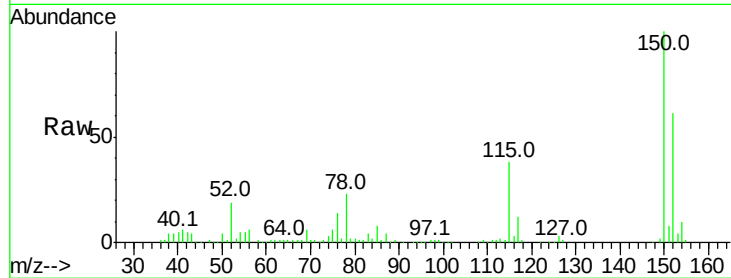
Tot Ion:152 Resp: 156302

Ion Ratio Lower Upper

152 100

150 164.1 126.2 189.2

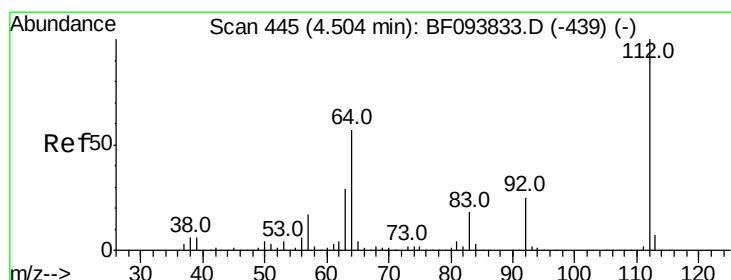
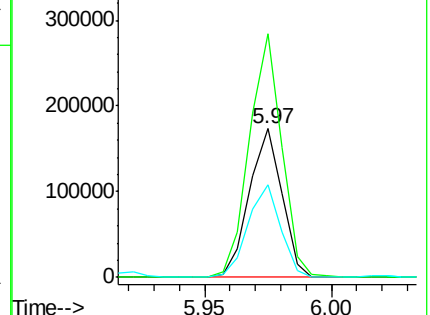
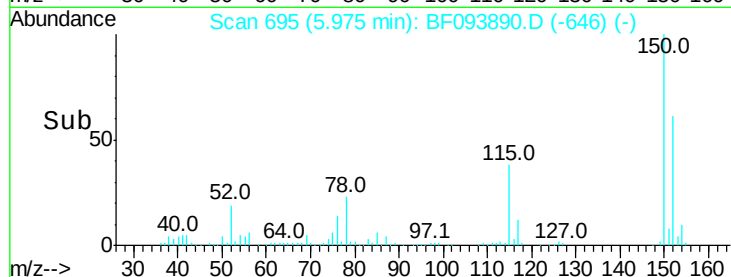
115 62.3 52.2 78.2



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: 61.09 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

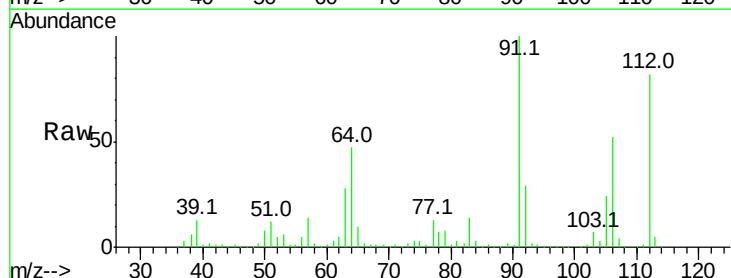
Tgt Ion:112 Resp: 565321

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

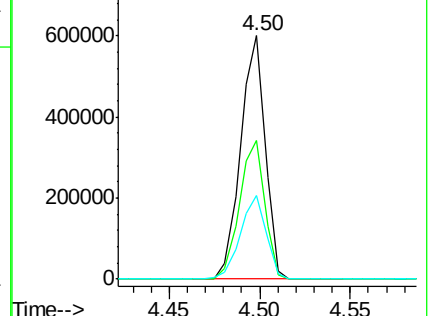
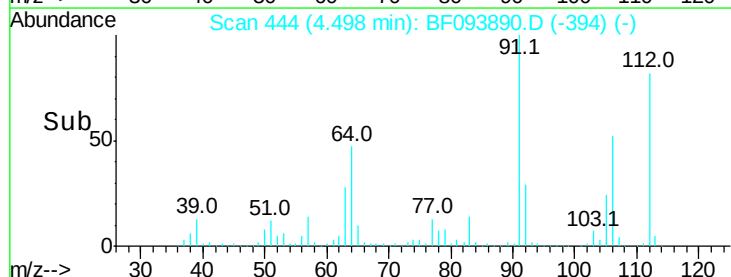
63 34.3 23.4 35.0

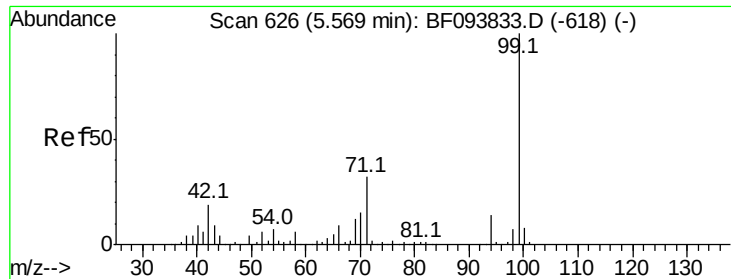


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.48 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampled :

S8-0669

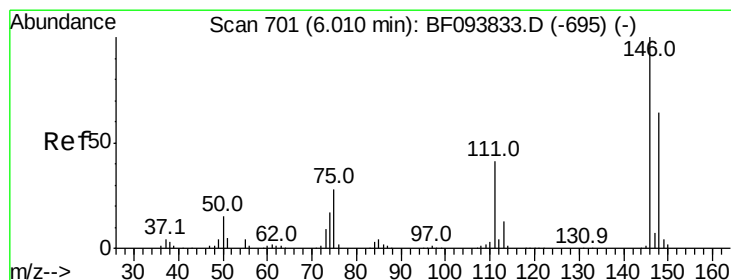
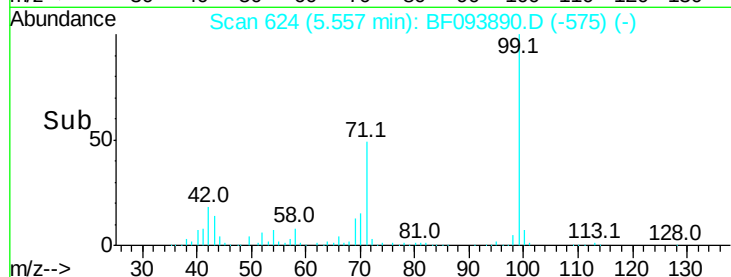
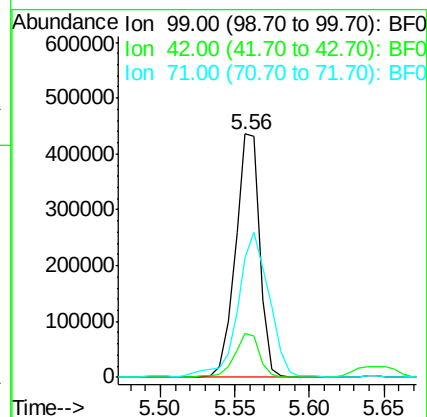
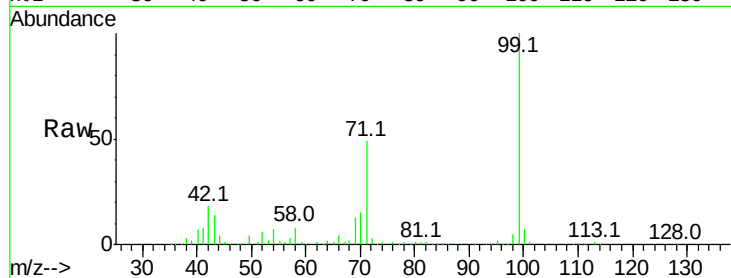
Tot Ion: 99 Resp: 497771

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

71 49.0 24.5 36.7#



#13

1,4-Dichlorobenzene

Concen: 2.41 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.16 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

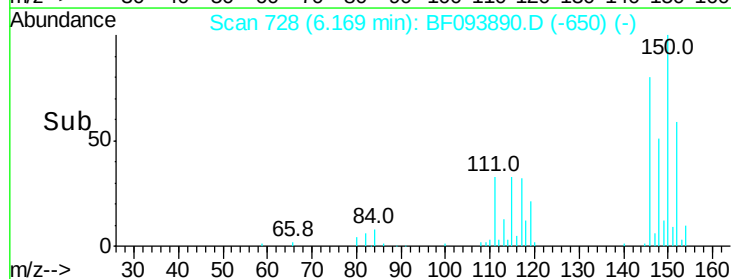
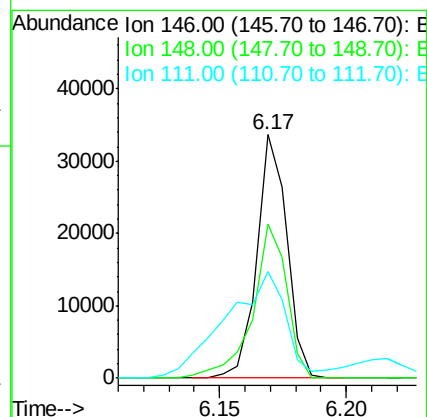
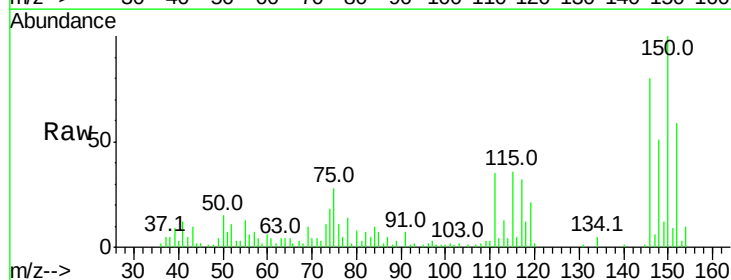
Tgt Ion: 146 Resp: 27800

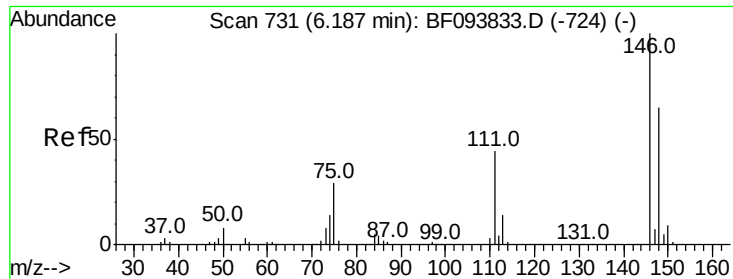
Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

111 43.7 30.3 45.5

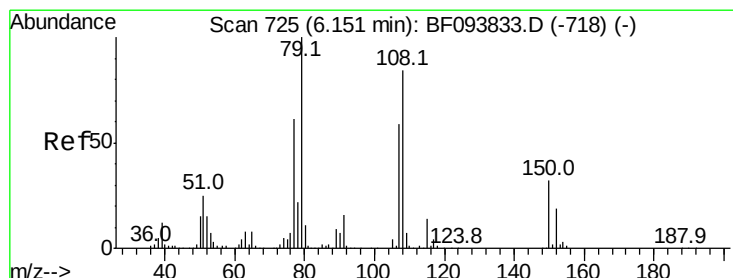
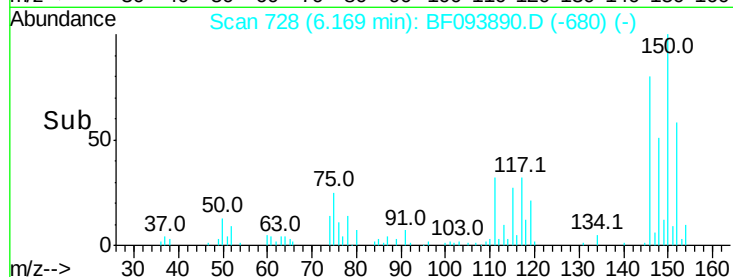
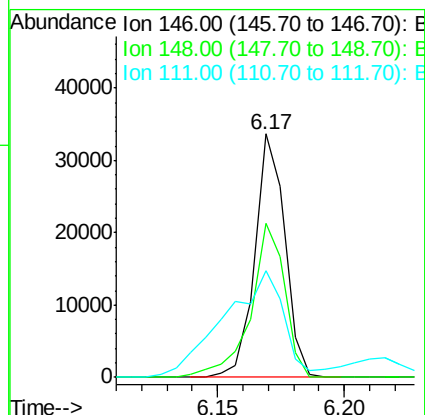
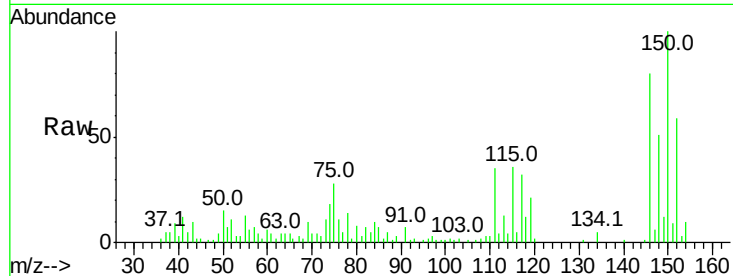




#14
 1,2-Dichlorobenzene
 Concen: 2.61 ng
 RT: 6.17 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF093890.D
 Acq: 23 Mar 2017 20:26

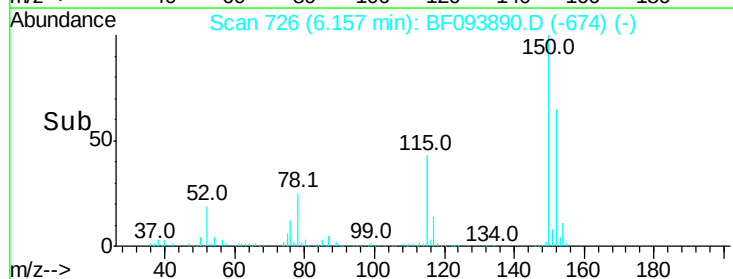
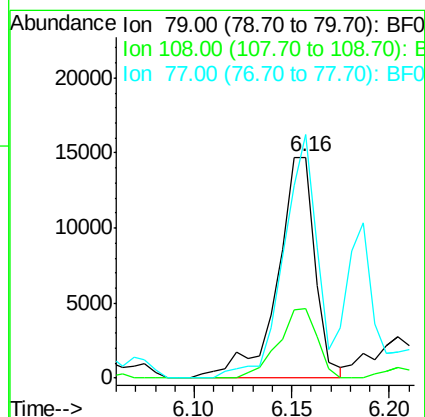
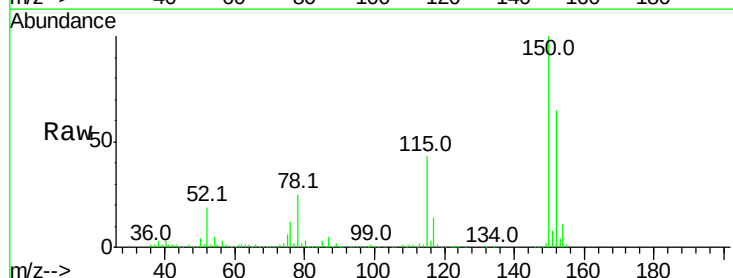
Instrument :
 BNA_F
 ClientSampleId :
 S8-0669

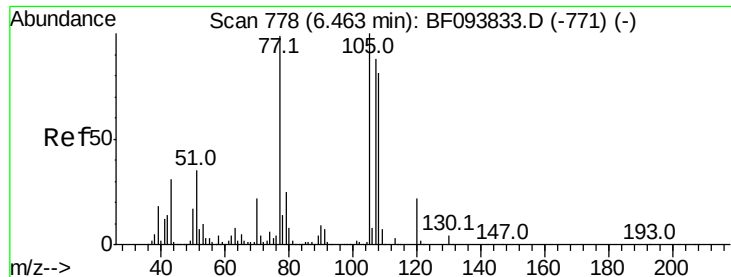
Tot Ion:146 Resp: 27800
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 43.7 38.2 57.4



#15
 Benzyl Alcohol
 Concen: 2.36 ng
 RT: 6.16 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: BF093890.D
 Acq: 23 Mar 2017 20:26

Tgt Ion: 79 Resp: 19740
 Ion Ratio Lower Upper
 79 100
 108 31.6 63.4 95.0#
 77 110.2 49.2 73.8#





#20

3+4-Methylphenols

Concen: 5.03 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

S8-0669

Tot Ion:107 Resp: 53046

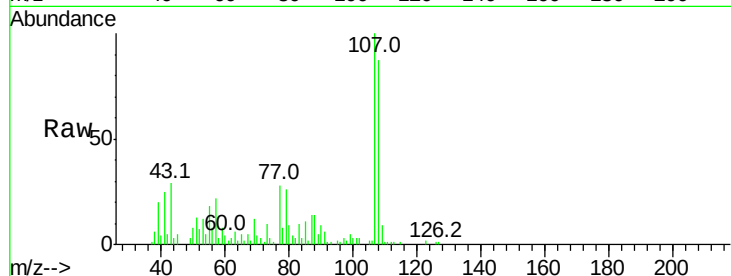
Ion Ratio Lower Upper

107 100

108 87.3 71.0 111.0

77 28.2 90.5 130.5#

79 25.7 8.4 48.4

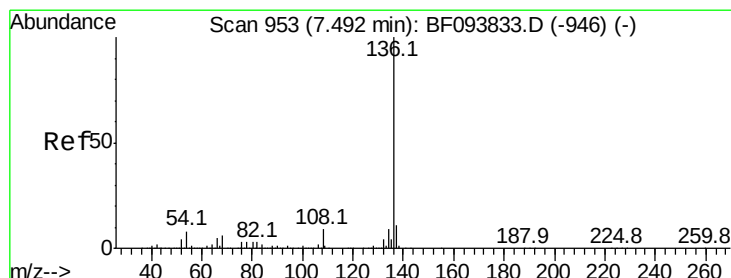
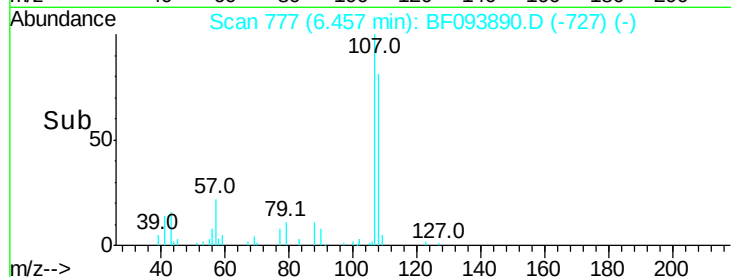
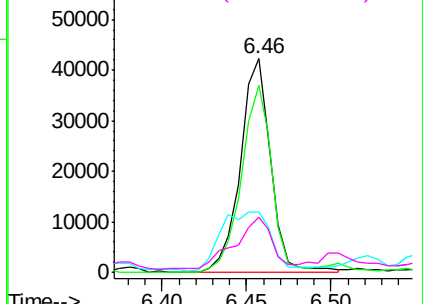


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Tgt Ion:136 Resp: 627397

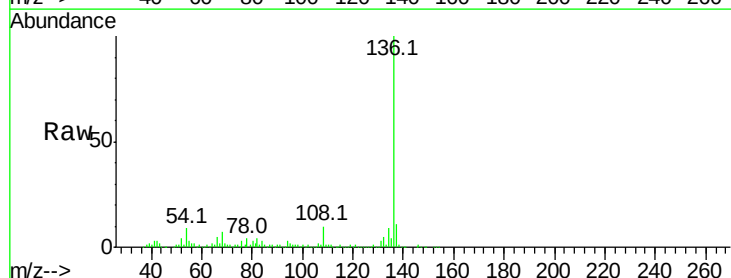
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.9 4.9 7.3#

68 7.4 4.1 6.1#

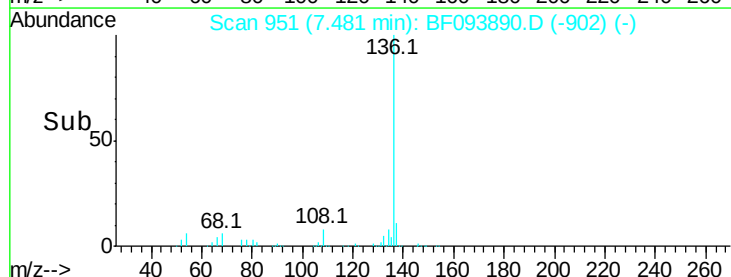
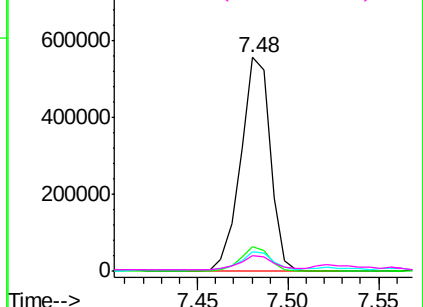


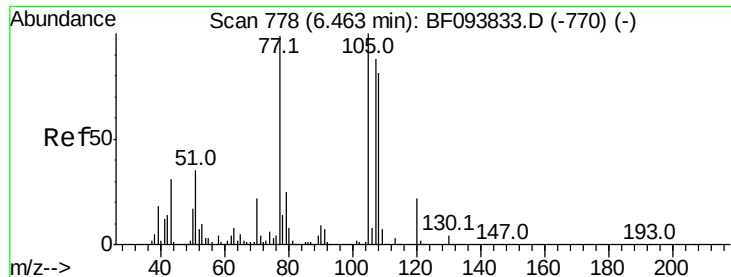
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 2.68 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

S8-0669

Tot Ion:105 Resp: 37509

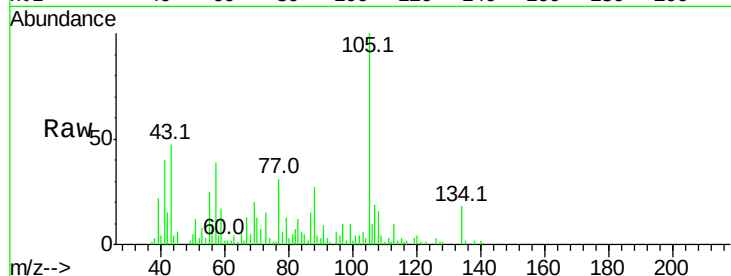
Ion Ratio Lower Upper

105 100

71 7.4 2.8 4.2#

51 11.7 30.7 46.1#

120 3.8 17.4 26.0#

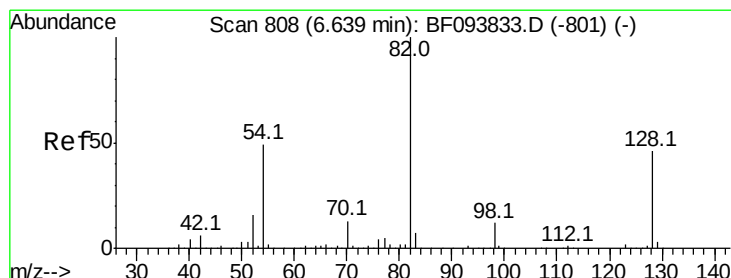
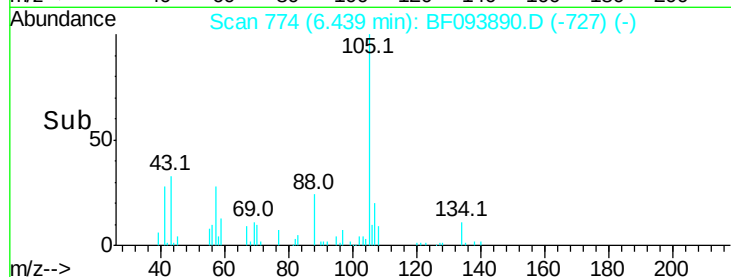
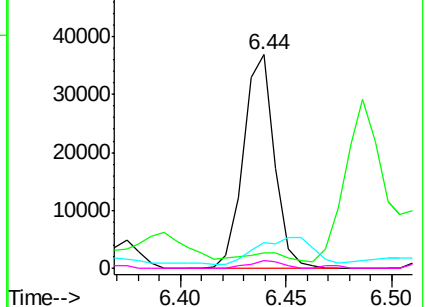


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.40 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

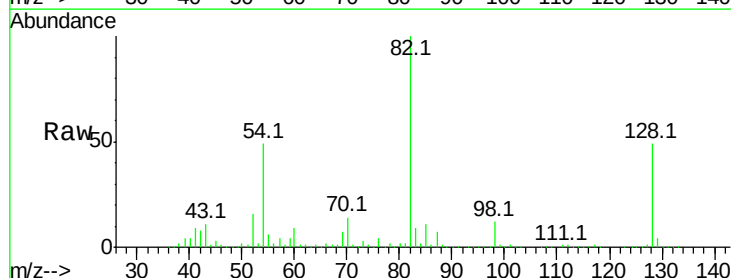
Tgt Ion: 82 Resp: 971864

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

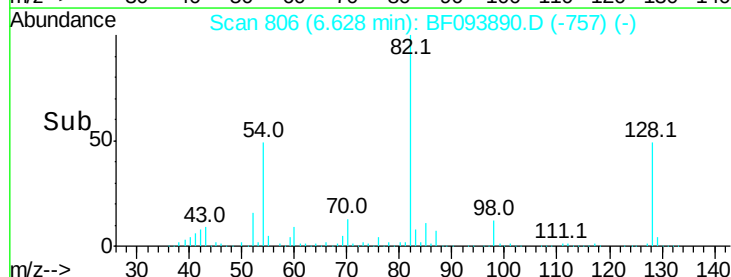
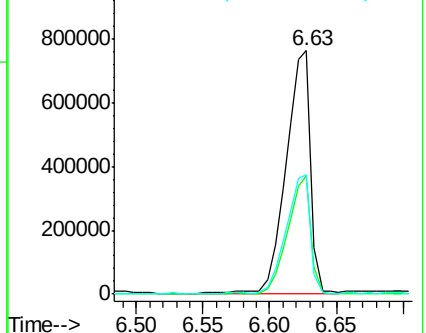
54 49.2 42.2 63.2

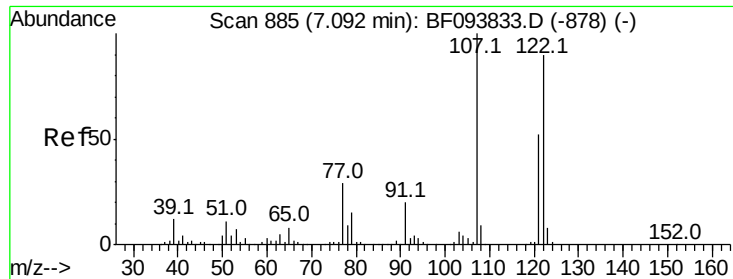


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 3.51 ng

RT: 7.10 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

S8-0669

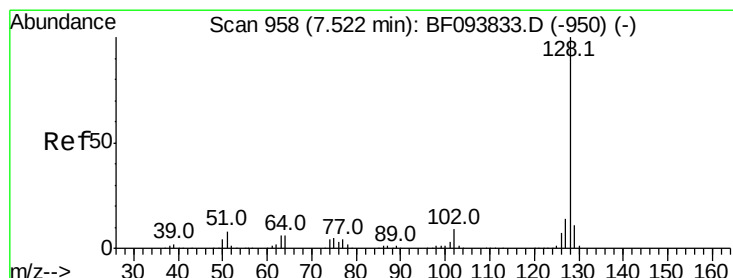
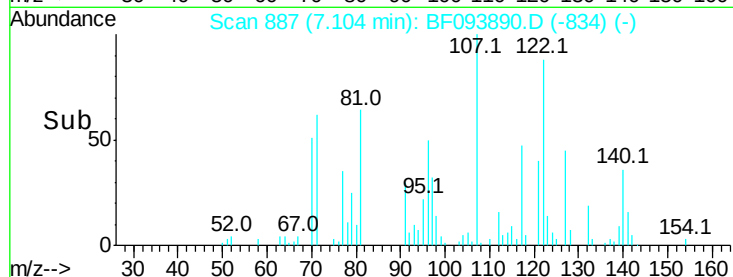
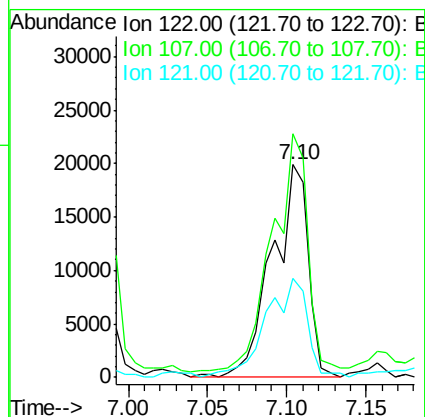
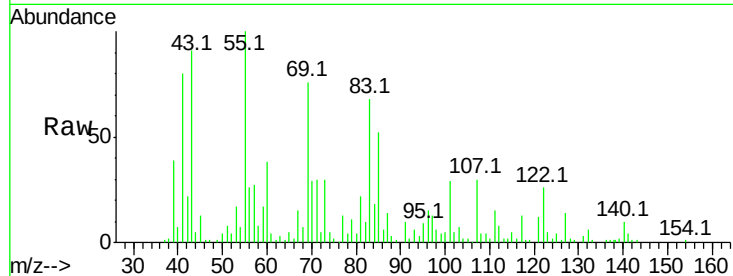
Tot Ion:122 Resp: 31296

Ion Ratio Lower Upper

122 100

107 114.5 89.2 133.8

121 46.5 45.2 67.8



#31

Naphthalene

Concen: 47.36 ng

RT: 7.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

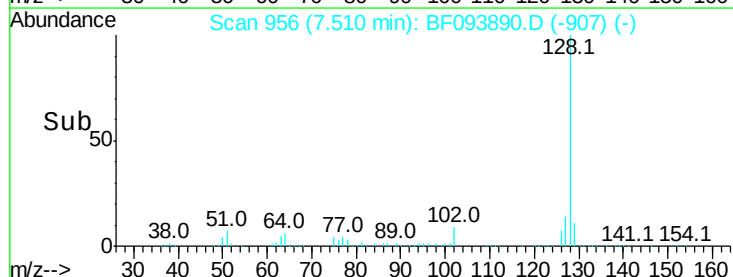
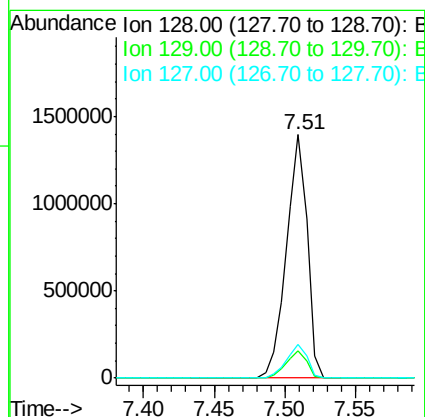
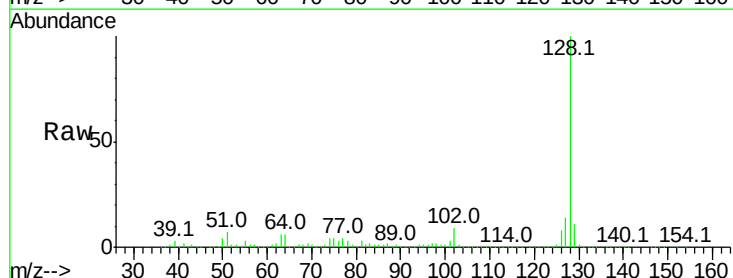
Tgt Ion:128 Resp: 1428710

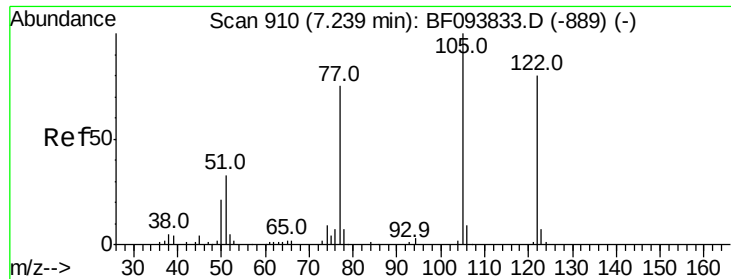
Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.6 10.8 16.2

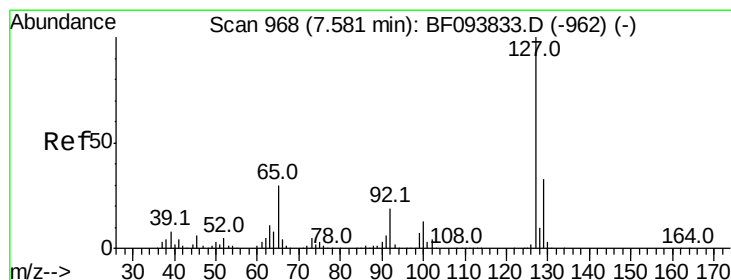
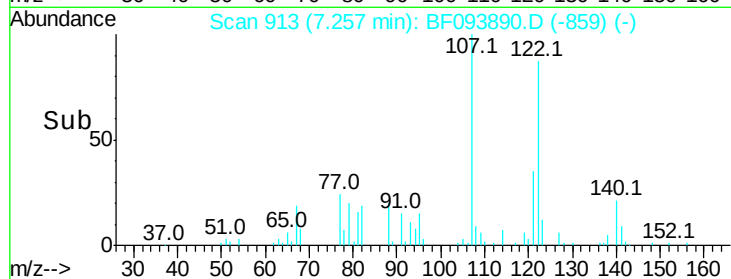
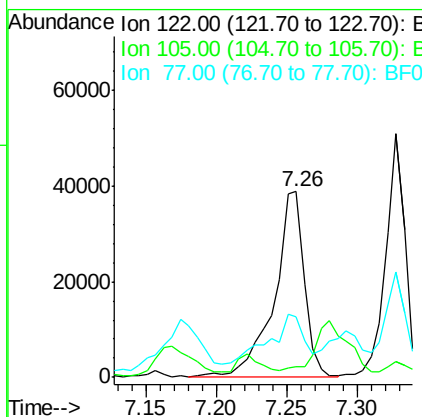
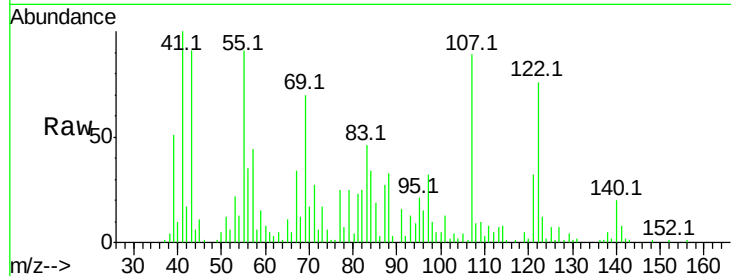




#32
Benzoic acid
Concen: 9.85 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.02 min
Lab File: BF093890.D
Acq: 23 Mar 2017 20:26

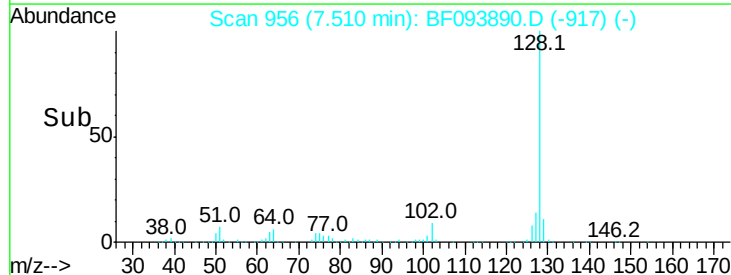
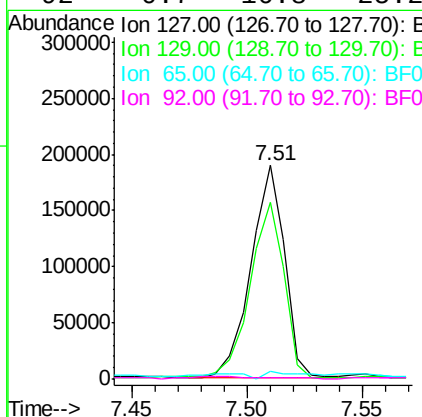
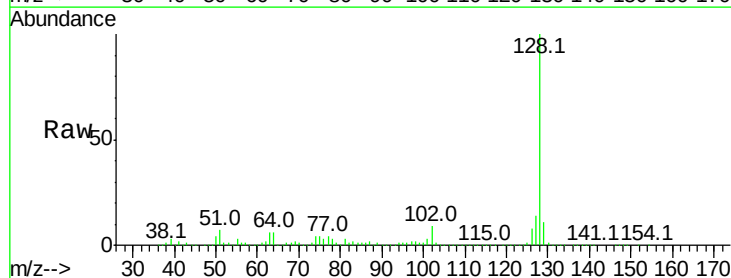
Instrument :
BNA_F
ClientSampleId :
S8-0669

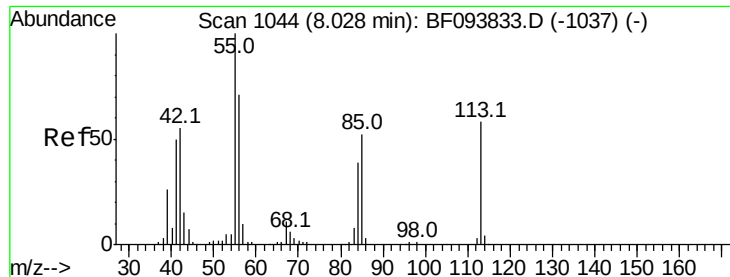
Tot Ion:122 Resp: 58411
Ion Ratio Lower Upper
122 100
105 5.5 103.3 143.3#
77 32.6 73.7 113.7#



#33
4-Chloroaniline
Concen: 15.94 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF093890.D
Acq: 23 Mar 2017 20:26

Tgt Ion:127 Resp: 194923
Ion Ratio Lower Upper
127 100
129 82.8 26.2 39.2#
65 3.6 27.8 41.8#
92 0.7 16.8 25.2#





#35

Caprolactam

Concen: 6.74 ng

RT: 8.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

S8-0669

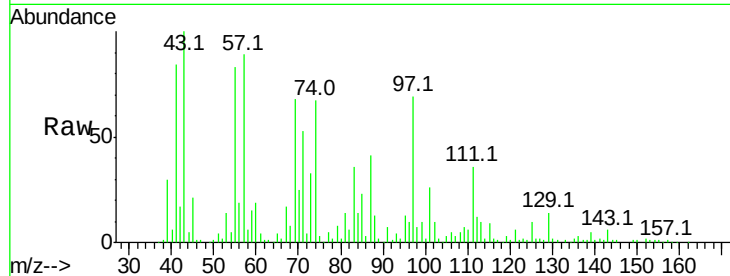
Tot Ion:113 Resp: 17901

Ion Ratio Lower Upper

113 100

55 844.4 150.2 190.2#

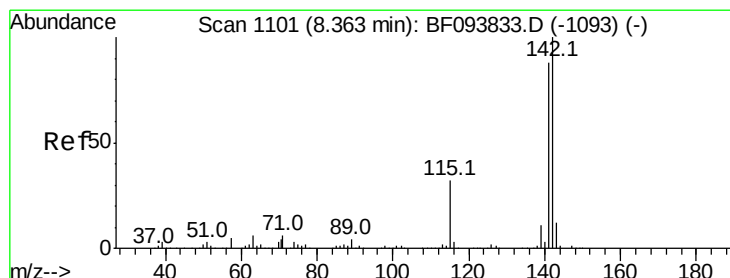
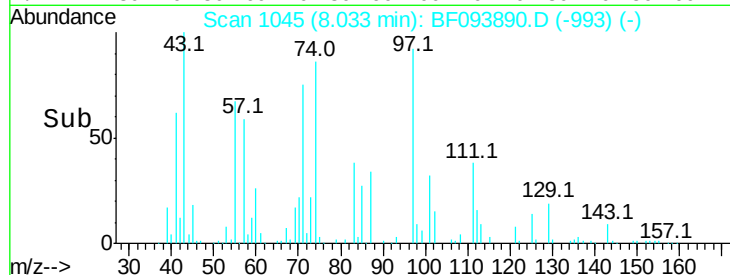
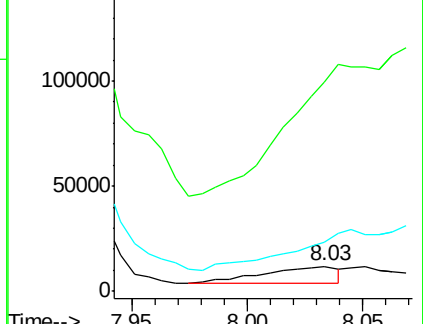
56 195.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 7.05 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

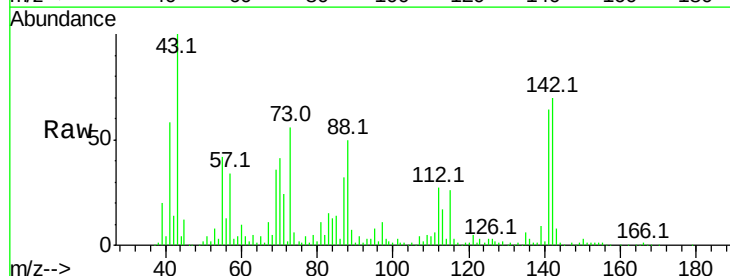
Tgt Ion:142 Resp: 141797

Ion Ratio Lower Upper

142 100

141 90.9 71.3 106.9

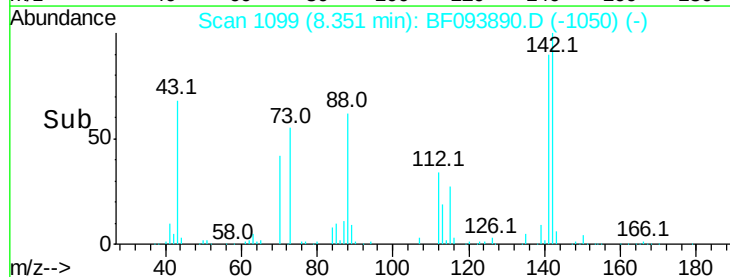
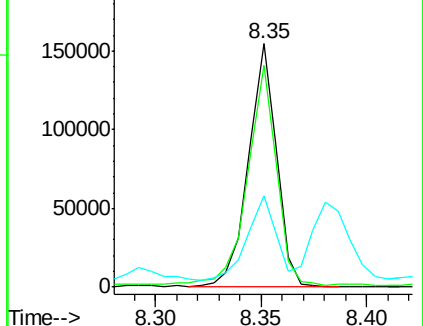
115 37.4 27.1 40.7

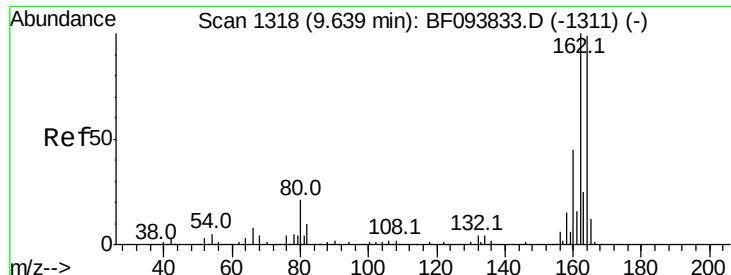


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

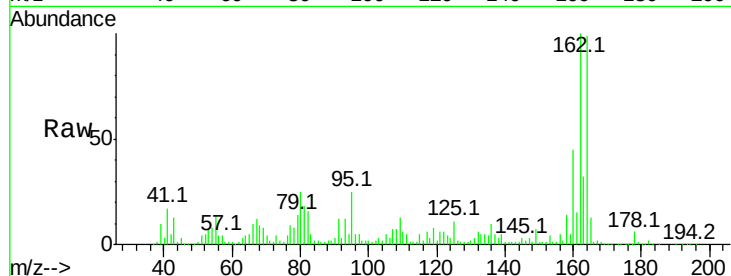




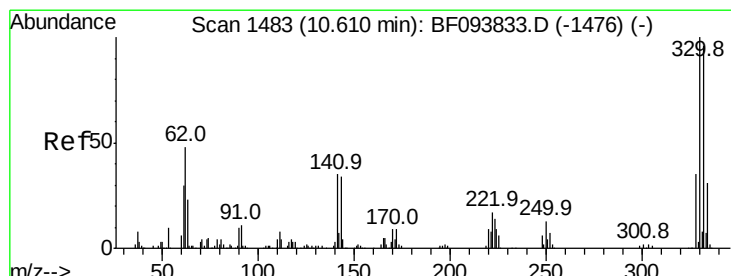
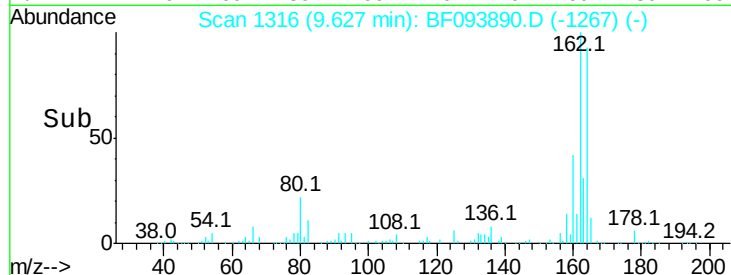
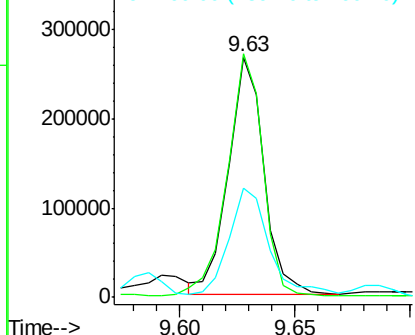
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF093890.D
 Acq: 23 Mar 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 S8-0669

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	45.5	36.2	54.2

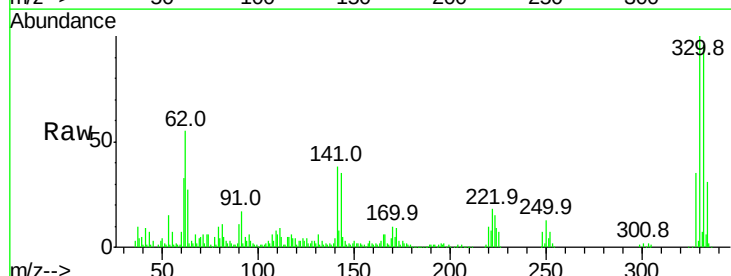


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

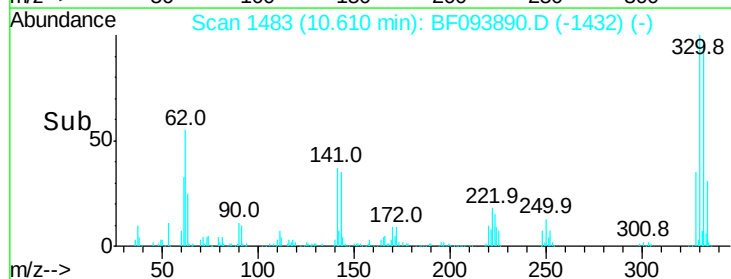
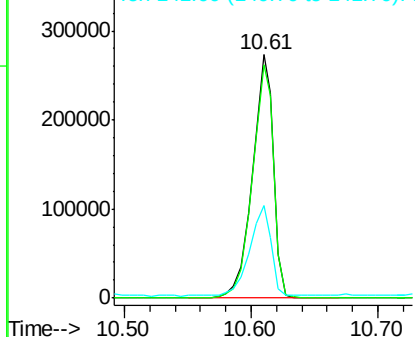


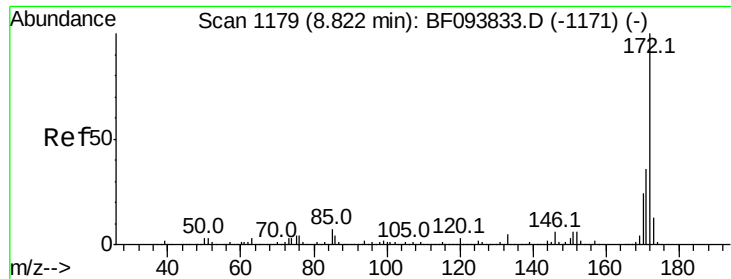
#41
 2,4,6-Tribromophenol
 Concen: 140.91 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF093890.D
 Acq: 23 Mar 2017 20:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	37.4	31.4	47.2



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

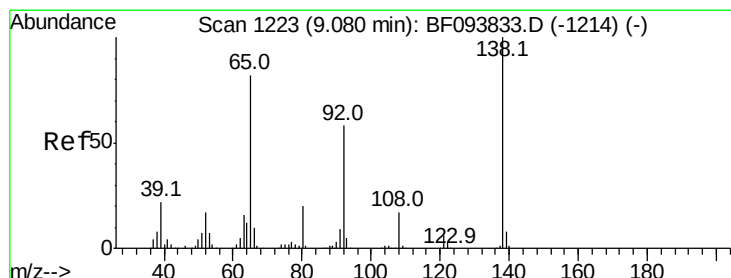
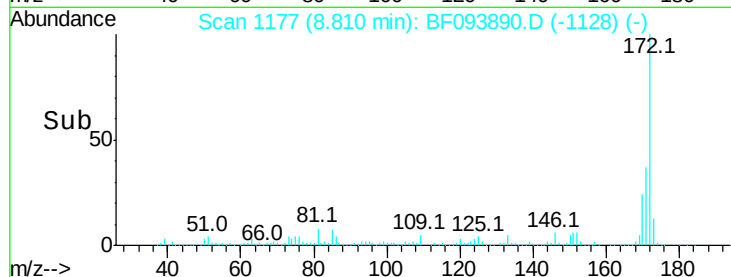
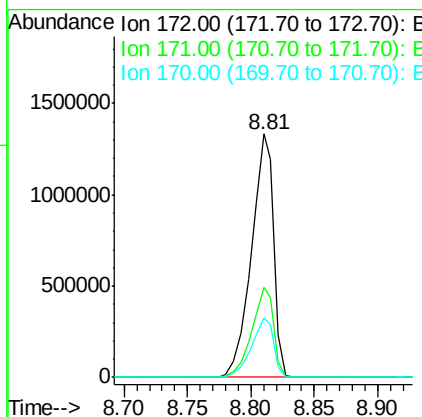
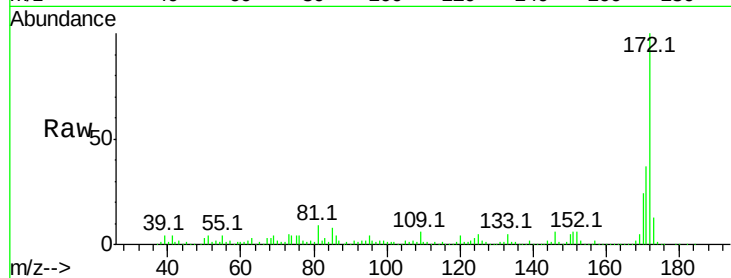




#44
2-Fluorobiphenyl
Concen: 87.51 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF093890.D
Acq: 23 Mar 2017 20:26

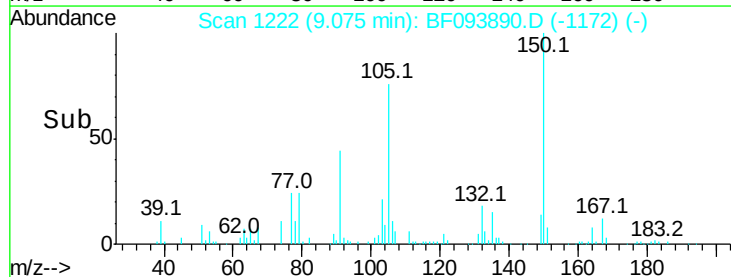
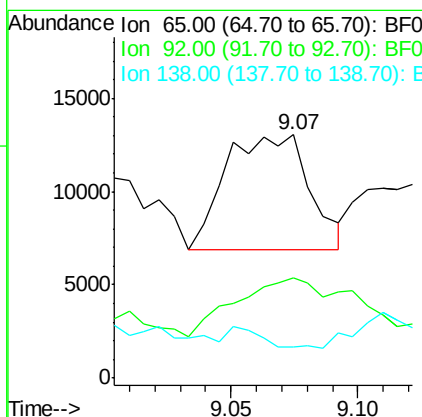
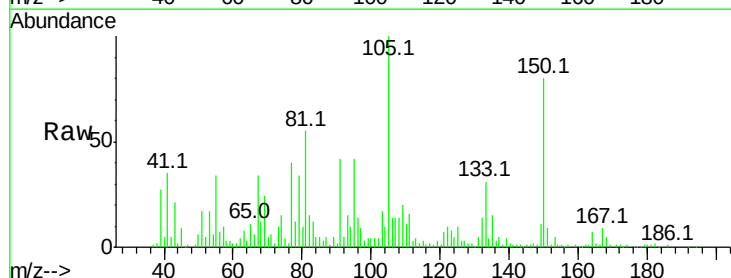
Instrument :
BNA_F
ClientSampleId :
S8-0669

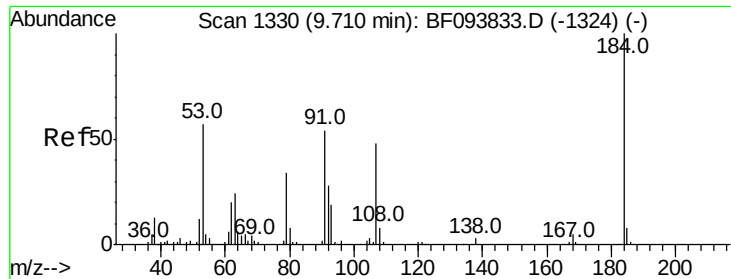
Tot Ion:172 Resp: 1628835
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.3 19.8 29.8



#47
2-Nitroaniline
Concen: 2.67 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF093890.D
Acq: 23 Mar 2017 20:26

Tgt Ion: 65 Resp: 14175
Ion Ratio Lower Upper
65 100
92 41.4 53.9 80.9#
138 12.8 78.8 118.2#

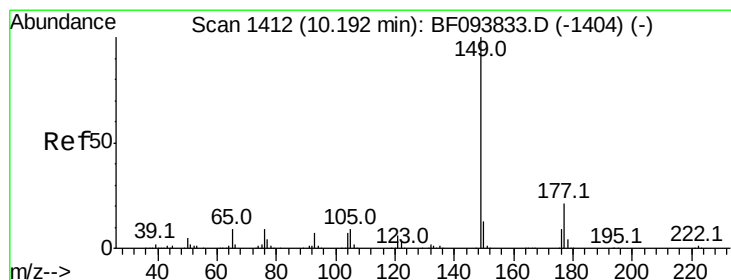
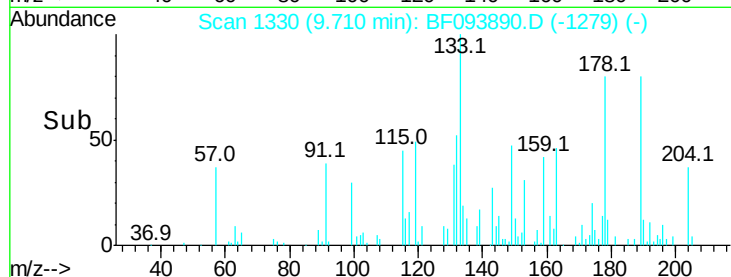
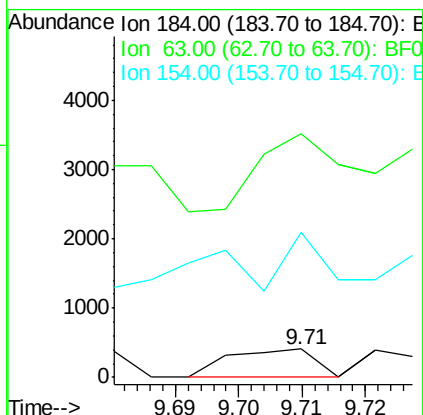
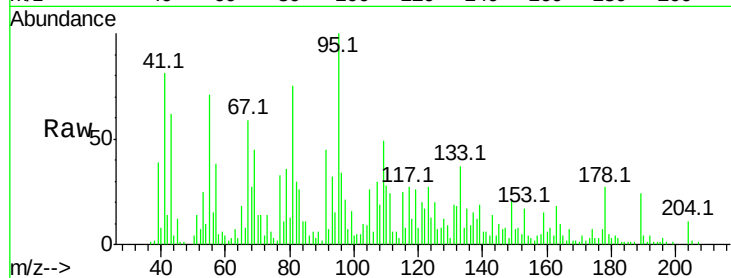




#53
 2,4-Dinitrophenol
 Concen: 4.81 ng
 RT: 9.71 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF093890.D
 Acq: 23 Mar 2017 20:26

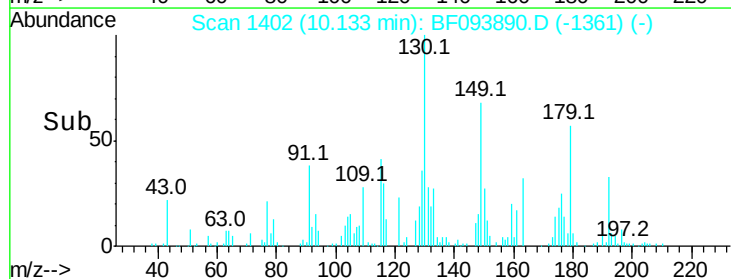
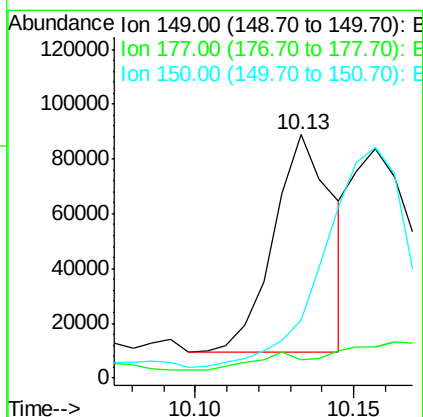
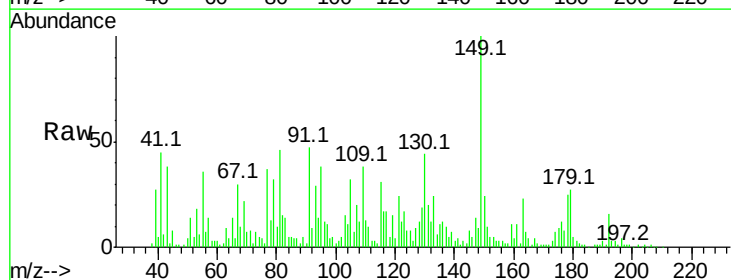
Instrument :
 BNA_F
 ClientSampleId :
 S8-0669

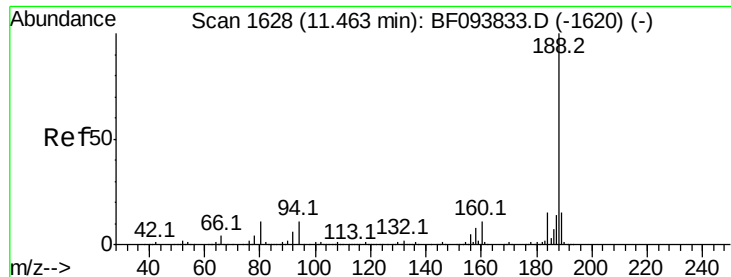
Tot Ion:184 Resp: 383
 Ion Ratio Lower Upper
 184 100
 63 870.3 62.7 94.1#
 154 519.1 81.1 121.7#



#59
 Diethylphthalate
 Concen: 5.16 ng
 RT: 10.13 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF093890.D
 Acq: 23 Mar 2017 20:26

Tgt Ion:149 Resp: 102827
 Ion Ratio Lower Upper
 149 100
 177 7.7 16.7 25.1#
 150 23.8 10.2 15.2#

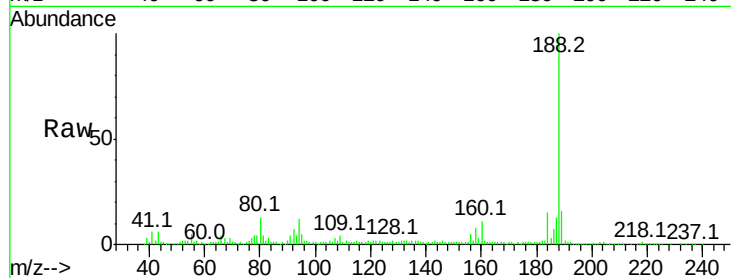




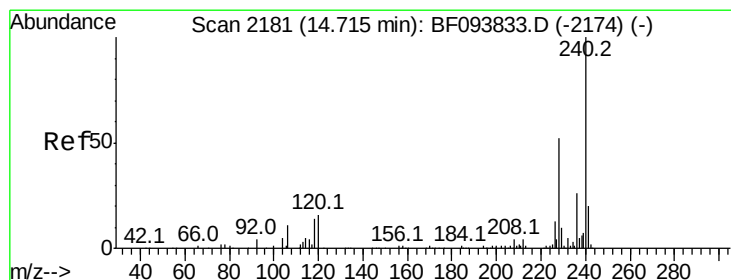
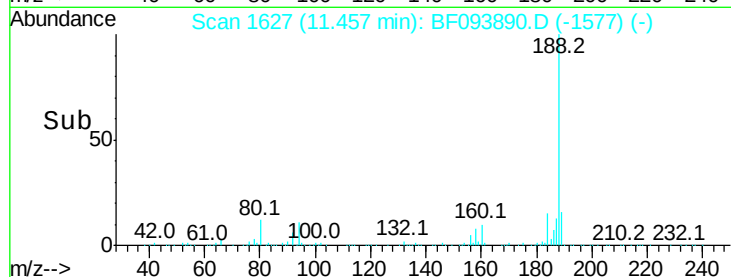
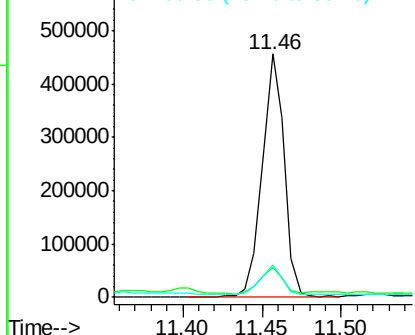
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093890.D
Acq: 23 Mar 2017 20:26

Instrument :
BNA_F
ClientSampleId :
S8-0669

Tot Ion:188 Resp: 441268
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.4 10.2 15.2

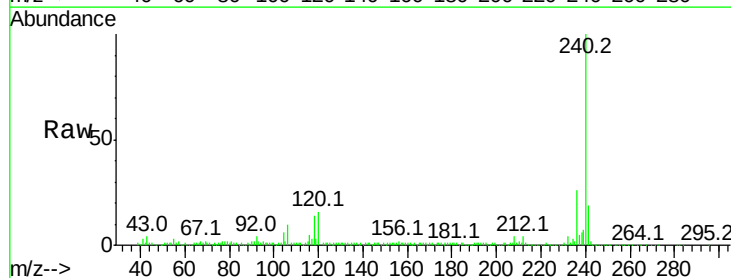


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

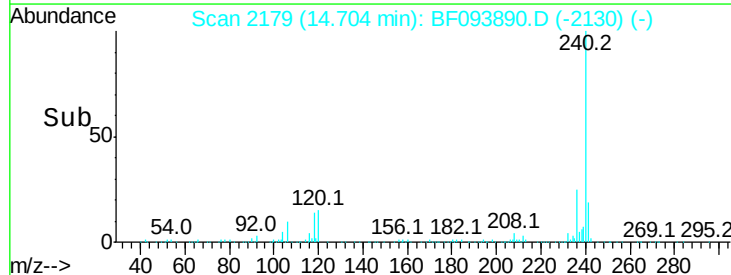
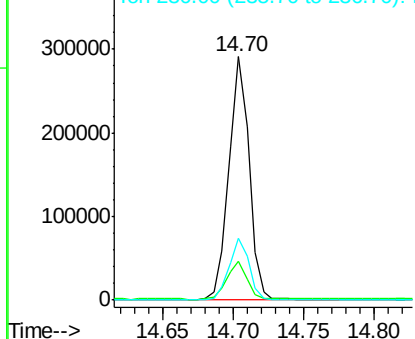


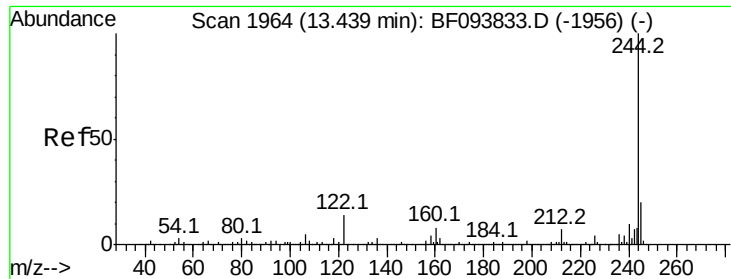
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093890.D
Acq: 23 Mar 2017 20:26

Tgt Ion:240 Resp: 291046
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 25.6 20.5 30.7



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: 75.06 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

S8-0669

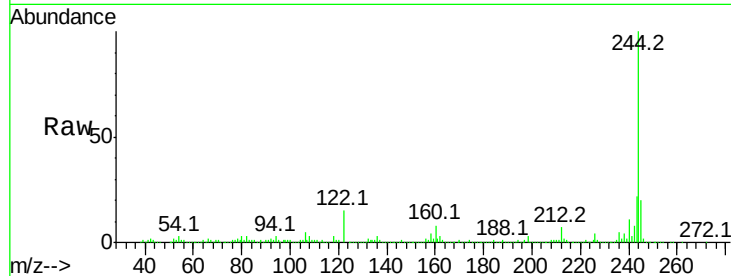
Tot Ion:244 Resp: 974681

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

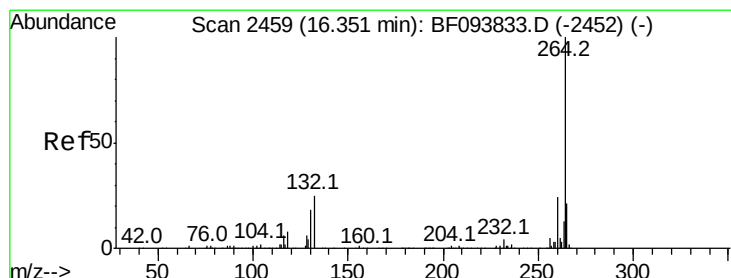
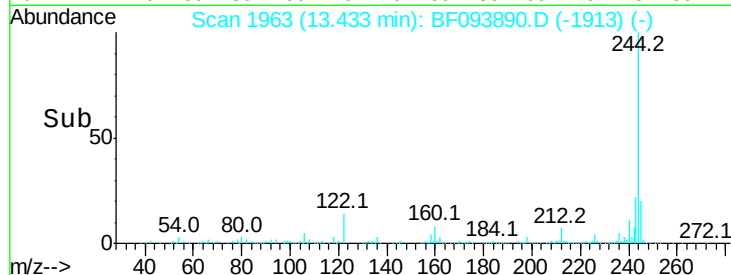
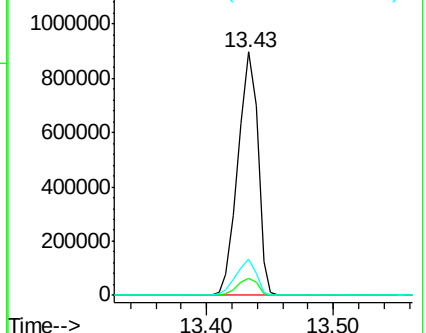
122 14.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.34 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF093890.D

Acq: 23 Mar 2017 20:26

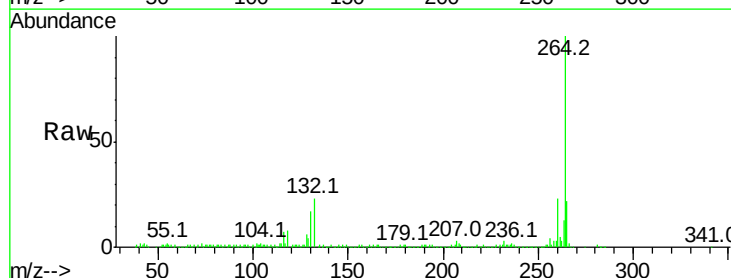
Tgt Ion:264 Resp: 280262

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.7 17.2 25.8



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

