

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093393.D
 Acq On : 4 Mar 2017 8:54
 Operator : SJ/MA
 Sample : I2056-17 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16B-23

Quant Time: Mar 05 23:42:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	185087	20.00	ng	-0.07
21) Naphthalene-d8	8.09	136	499982	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	164301	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	249907	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	175151	20.00	ng	-0.03
86) Perylene-d12	15.44	264	181420	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	577834	53.56	ng	-0.08
7) Phenol-d6	6.43	99	733396	52.83	ng	-0.06
23) Nitrobenzene-d5	7.36	82	485095	54.03	ng	-0.07
41) 2,4,6-Tribromophenol	10.65	330	59915	50.42	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	465890	51.37	ng	-0.06
78) Terphenyl-d14	12.92	244	203904	27.35	ng	-0.05

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	6.81	146	70818	5.08	ng	95
13) 1,4-Dichlorobenzene	6.81	146	70818	5.02	ng	# 77
15) Benzyl Alcohol	6.94	79	32938	3.21	ng	# 42
18) Hexachloroethane	7.37	117	722343	149.97	ng	# 22
19) n-Nitroso-di-n-propylamine	7.22	70	108485	12.28	ng	# 63
22) Acetophenone	7.12	105	540212	47.32	ng	# 68
24) Nitrobenzene	7.44	77	68241	7.40	ng	# 57
25) Isophorone	7.61	82	340821	20.37	ng	# 1
26) 2-Nitrophenol	7.76	139	59356	13.54	ng	# 8
27) 2,4-Dimethylphenol	7.73	122	38591	5.01	ng	# 9
28) bis(2-Chloroethoxy)methane	7.88	93	74275	6.70	ng	# 1
29) 2,4-Dichlorophenol	7.93	162	46057	6.42	ng	# 8
31) Naphthalene	8.13	128	126054	4.97	ng	# 1
32) Benzoic acid	7.87	122	31551	13.32	ng	# 52
33) 4-Chloroaniline	8.13	127	51772	5.21	ng	# 1
35) Caprolactam	8.52	113	234548	103.88	ng	# 1
36) 4-Chloro-3-methylphenol	8.61	107	46617	6.23	ng	# 34
37) 2-Methylnaphthalene	8.81	142	111494	6.85	ng	# 86
42) 2,4,6-Trichlorophenol	9.08	196	24288	8.01	ng	# 9
43) 2,4,5-Trichlorophenol	9.08	196	24288	7.31	ng	# 1
47) 2-Nitroaniline	9.39	65	19965	6.38	ng	# 1
48) Acenaphthylene	9.71	152	56933	3.54	ng	# 1
49) Dimethylphthalate	9.56	163	91727	8.29	ng	# 15
50) 2,6-Dinitrotoluene	9.62	165	65462	27.39	ng	# 75
51) Acenaphthene	9.88	154	65559	6.82	ng	# 21
52) 3-Nitroaniline	9.80	138	37144	13.58	ng	# 40
53) 2,4-Dinitrophenol	9.93	184	6545	9.80	ng	# 1
54) Dibenzofuran	9.84	168	85824	6.68	ng	96
55) 4-Nitrophenol	9.96	139	49936	25.35	ng	# 1
56) 2,4-Dinitrotoluene	10.05	165	44283	13.92	ng	# 60
57) Fluorene	10.40	166	286795	28.99	ng	# 75
61) 4-Nitroaniline	10.26	138	13368	4.77	ng	90
62) Azobenzene	10.54	77	99394	9.22	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.46	198	4808	5.65	ng	# 1

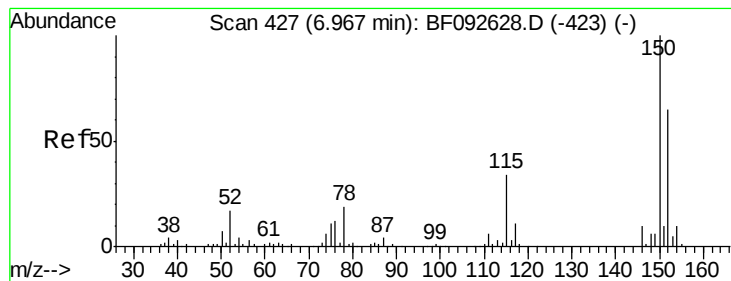
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.51	169	296788	37.18	ng	# 46
66) 4-Bromophenyl-phenylether	10.89	248	10887	4.17	ng	# 1
68) Atrazine	11.00	200	13494	5.27	ng	# 1
69) Pentachlorophenol	11.17	266	7194	12.12	ng	# 37
70) Phenanthrene	11.39	178	112932	7.89	ng	# 1
71) Anthracene	11.39	178	112932	7.85	ng	# 1
73) Di-n-butylphthalate	11.87	149	39940	2.69	ng	# 1
74) Fluoranthene	12.56	202	41662	2.82	ng	# 47
77) Pyrene	12.79	202	111937	8.54	ng	# 73
80) Benzo(a)anthracene	14.01	228	133995	12.51	ng	# 18
82) Chrysene	14.01	228	137161	13.68	ng	# 27
88) Benzo(k)fluoranthene	15.03	252	23712	2.30	ng	# 1

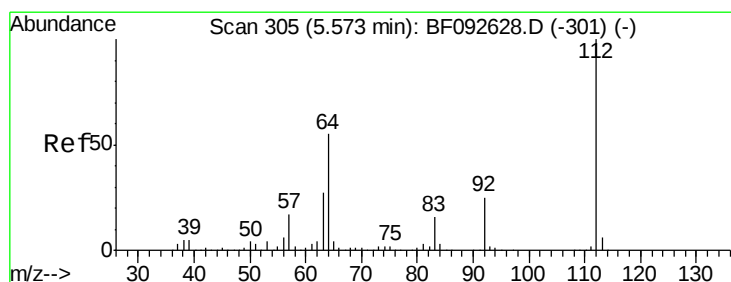
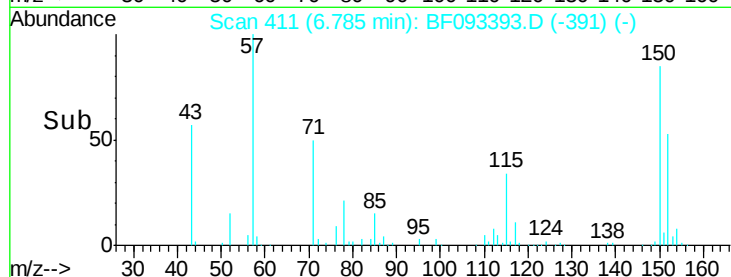
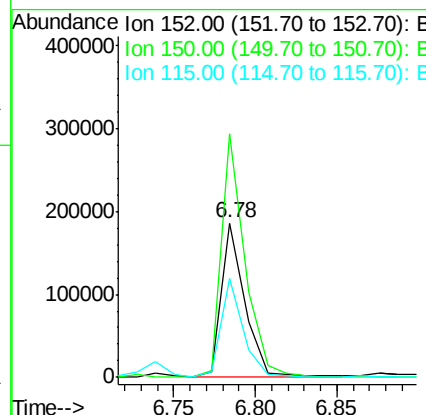
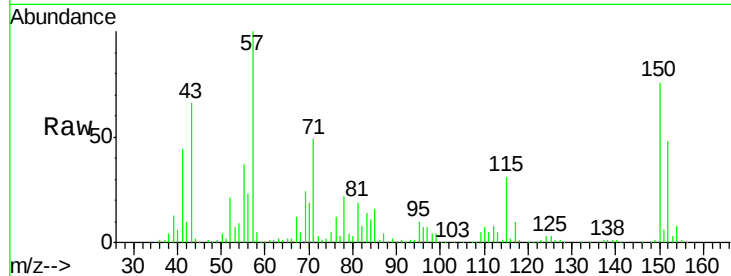
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

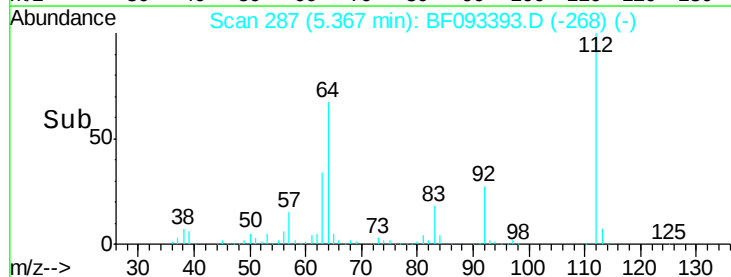
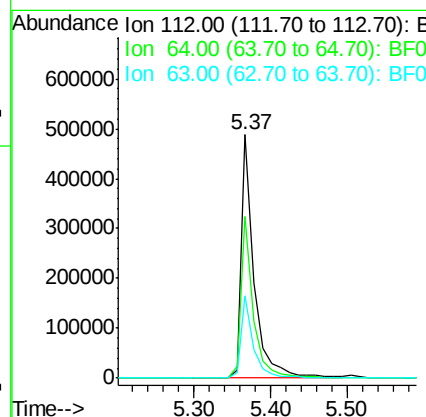
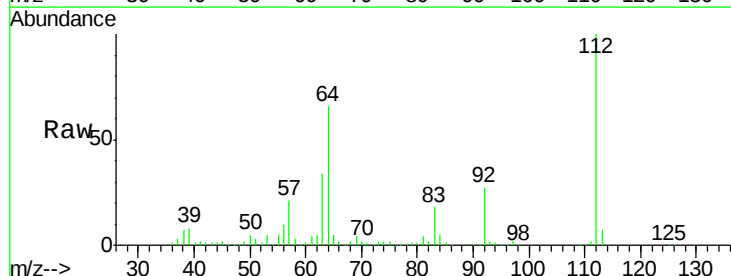
Instrument :
 BNA_F
 ClientSampleId :
 16B-23

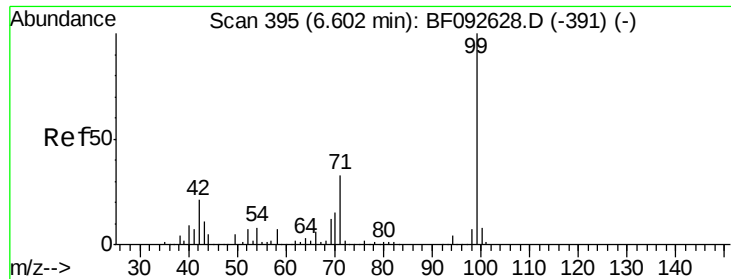
Tgt Ion:152 Resp: 185087
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.9 187.3
 115 64.1 46.0 69.0



#5
 2-Fluorophenol
 Concen: 53.56 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.08 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

Tgt Ion:112 Resp: 577834
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.1 69.1
 63 33.7 23.8 35.6





#7

Phenol-d6

Concen: 52.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

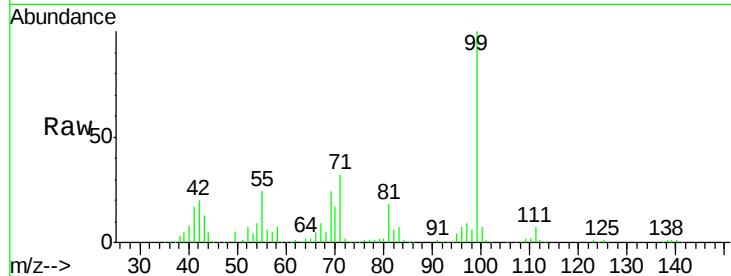
Tgt Ion: 99 Resp: 733396

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

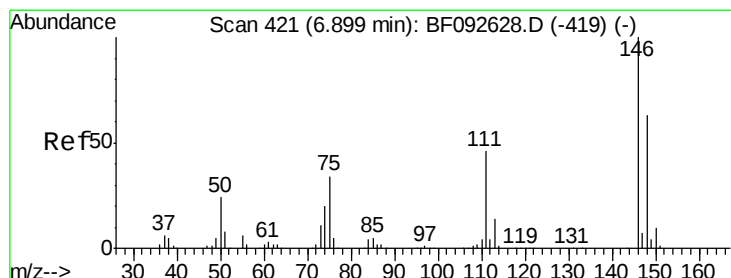
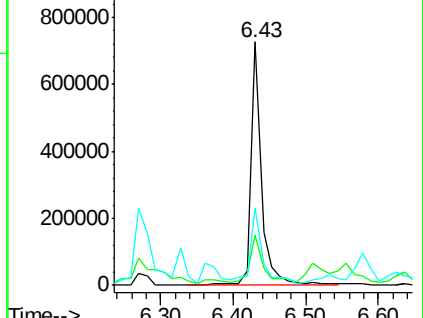
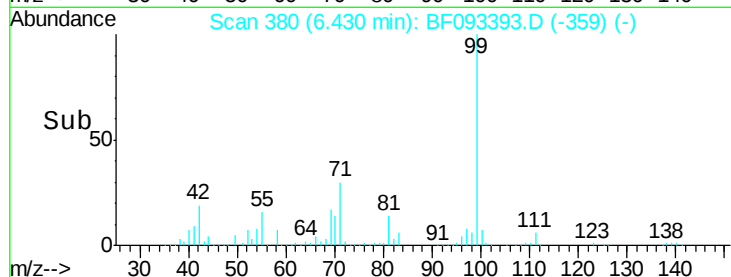
71 31.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#12

1,3-Dichlorobenzene

Concen: 5.08 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

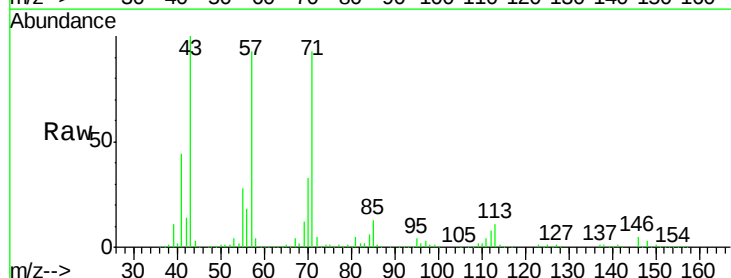
Tgt Ion: 146 Resp: 70818

Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

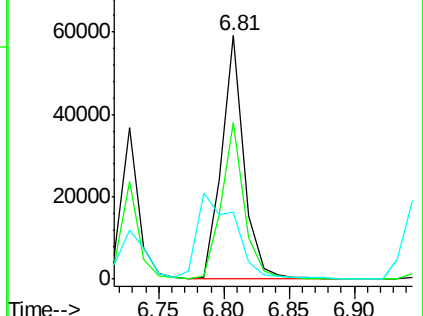
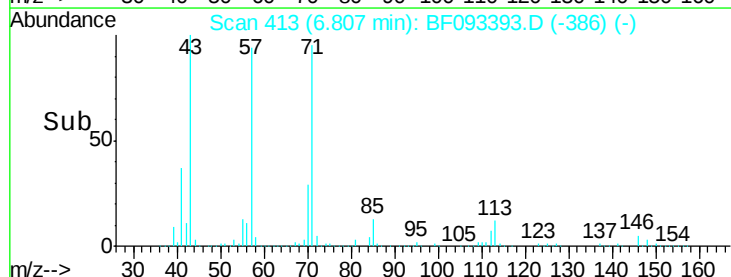
75 27.3 18.5 27.7

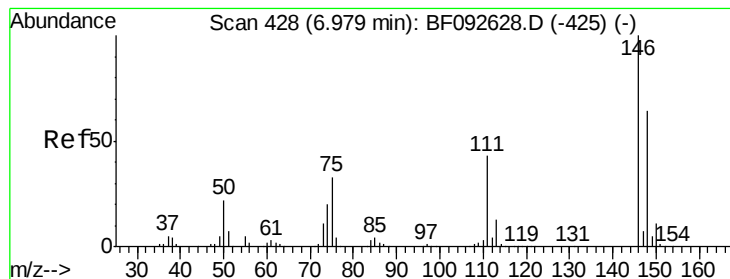


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 5.02 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.07 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

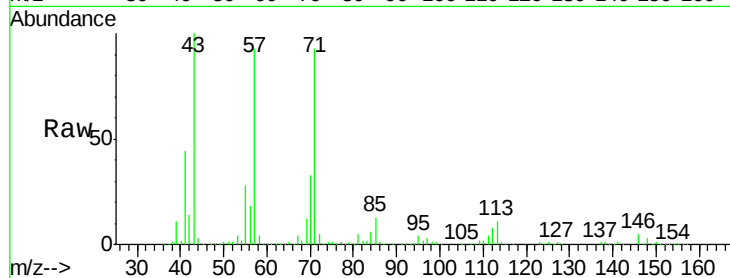
Tgt Ion: 146 Resp: 70818

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

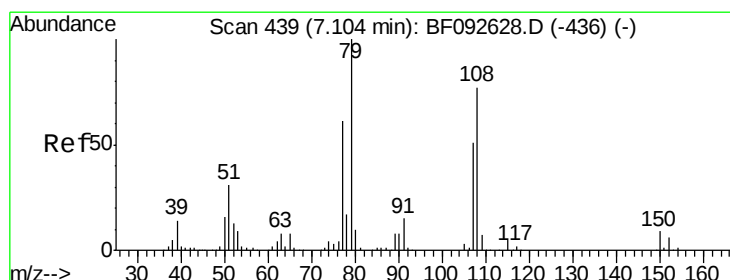
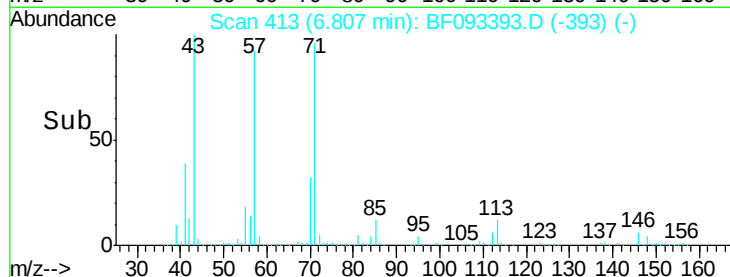
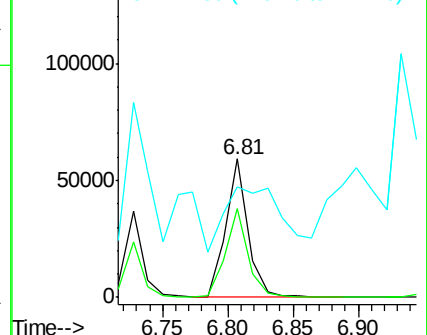
111 80.2 36.2 54.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 3.21 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

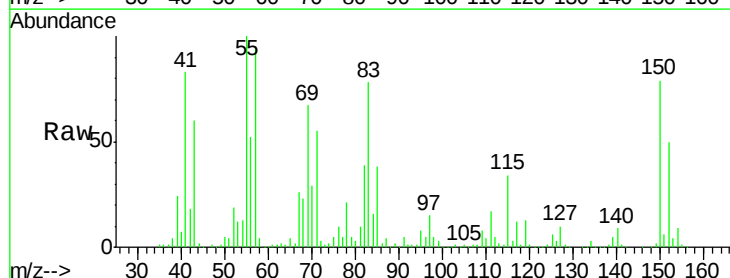
Tgt Ion: 79 Resp: 32938

Ion Ratio Lower Upper

79 100

108 16.8 61.4 92.0#

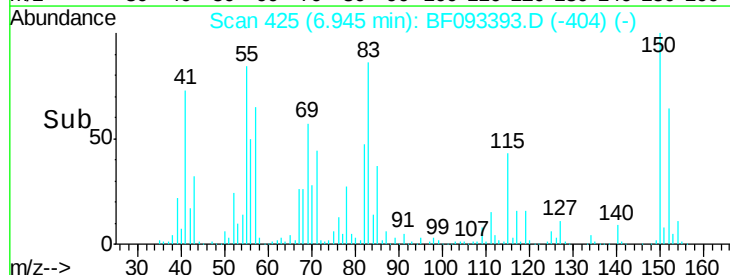
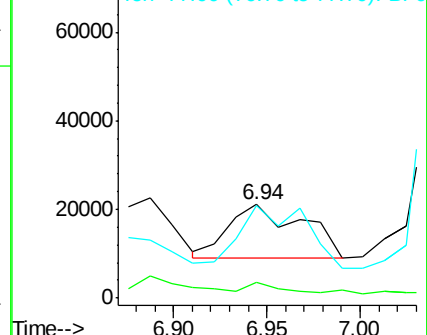
77 98.6 50.9 76.3#

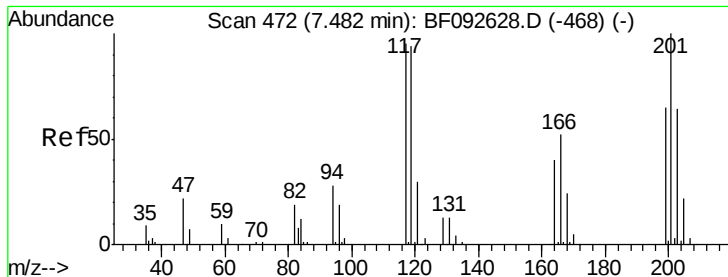


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

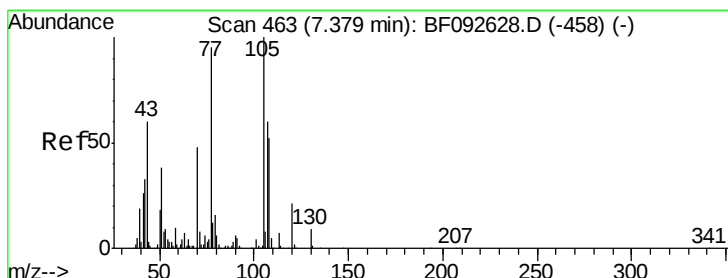
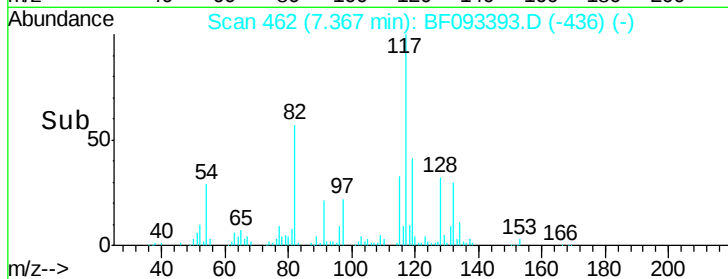
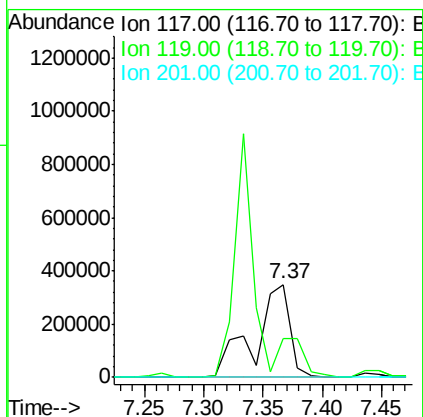
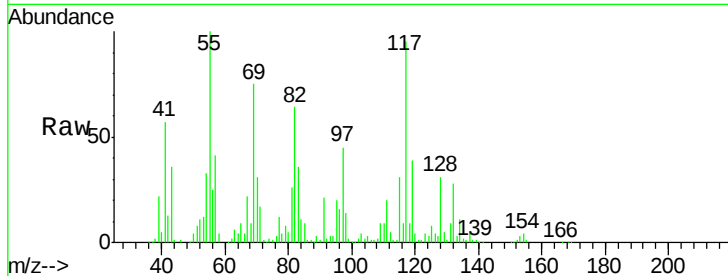




#18
Hexachloroethane
Concen: 149.97 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

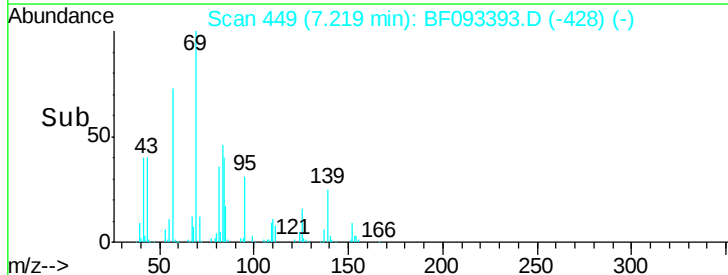
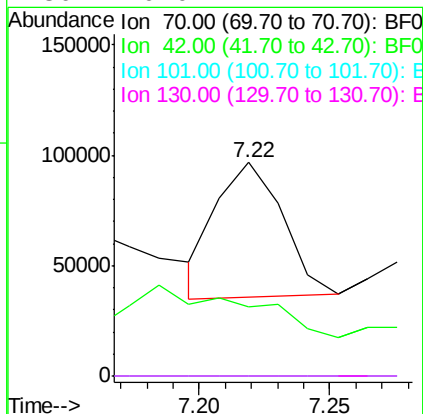
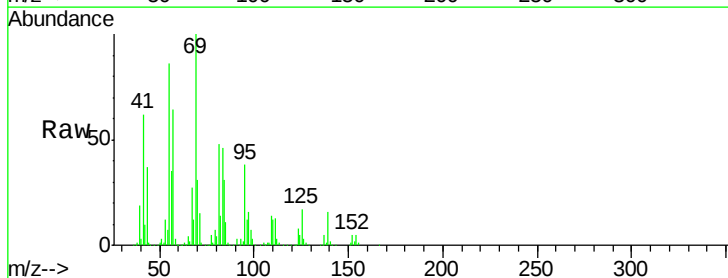
Instrument :
BNA_F
ClientSampled :
16B-23

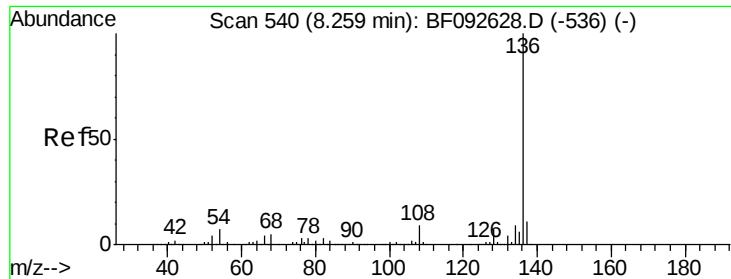
Tgt Ion: 117 Resp: 722343
Ion Ratio Lower Upper
117 100
119 41.4 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.28 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion: 70 Resp: 108485
Ion Ratio Lower Upper
70 100
42 32.4 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

Tgt Ion:136 Resp: 499982

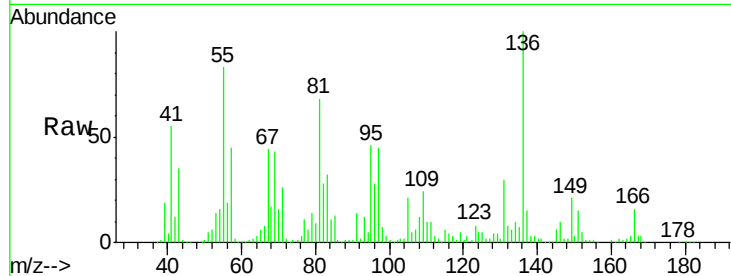
Ion Ratio Lower Upper

136 100

137 14.8 8.4 12.6#

54 16.3 4.5 6.7#

68 17.2 3.6 5.4#

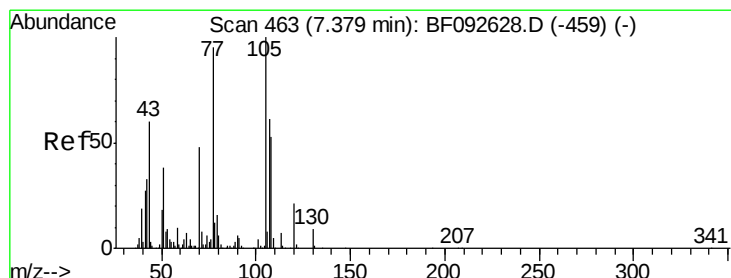
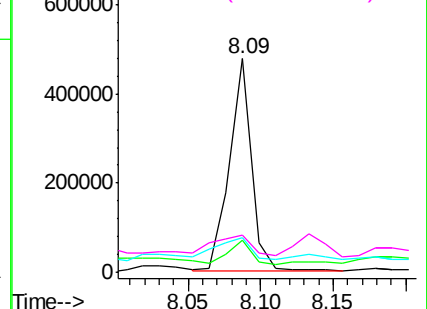
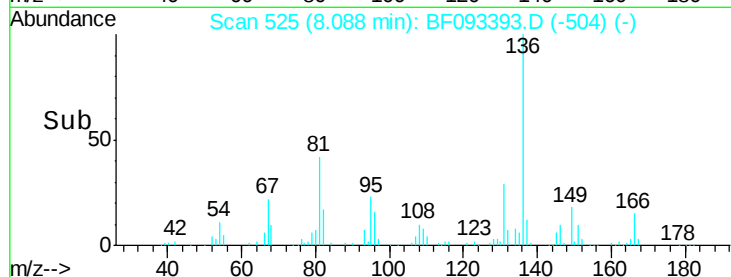


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.32 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.15 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Tgt Ion:105 Resp: 540212

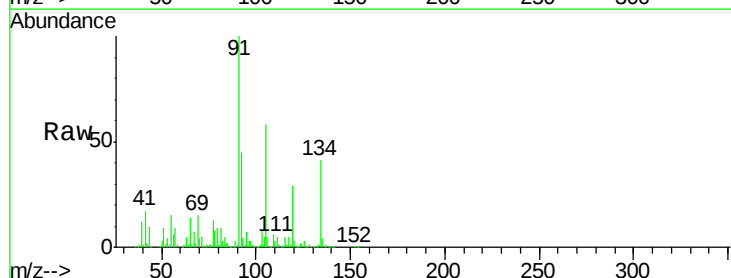
Ion Ratio Lower Upper

105 100

71 8.6 3.2 4.8#

51 14.7 26.2 39.4#

120 4.7 16.6 24.8#

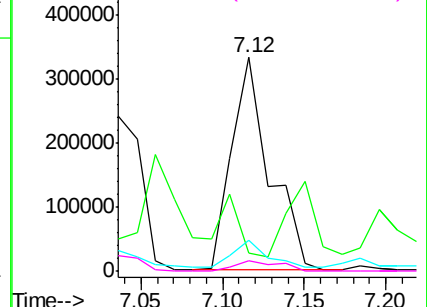
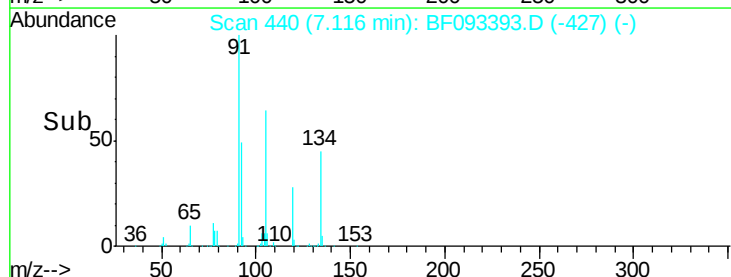


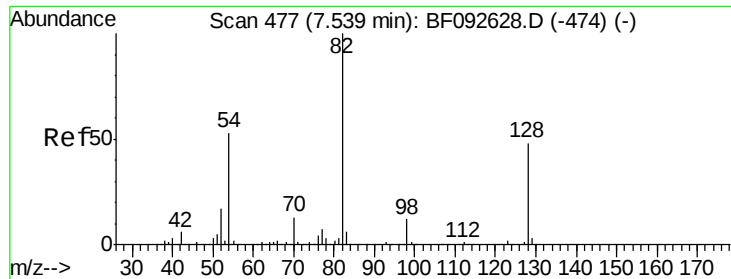
Abundance Ion 105.00 (104.70 to 105.70): E

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: 54.03 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

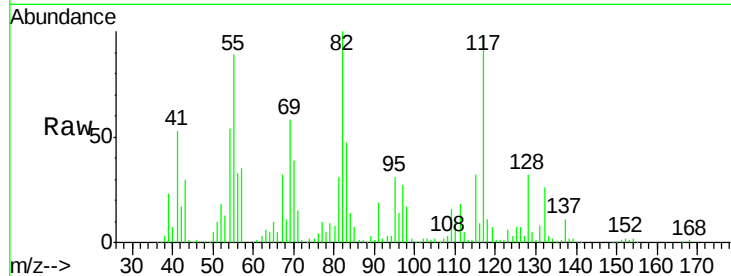
Tgt Ion: 82 Resp: 485095

Ion Ratio Lower Upper

82 100

128 32.3 34.6 52.0#

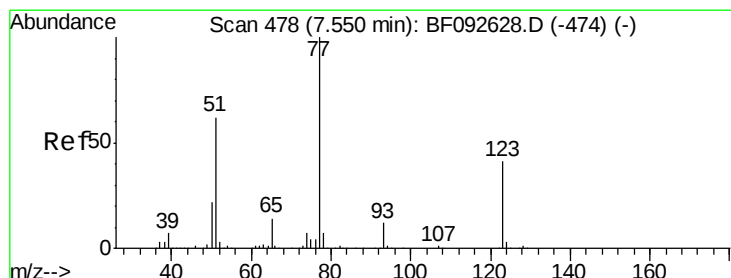
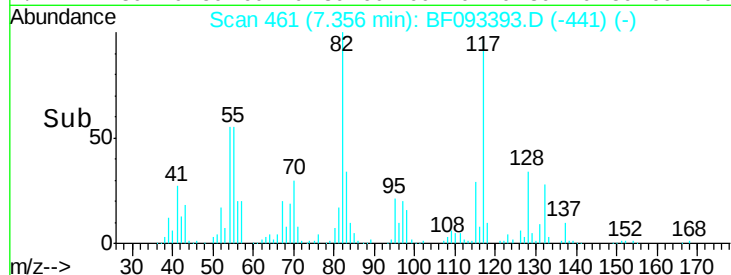
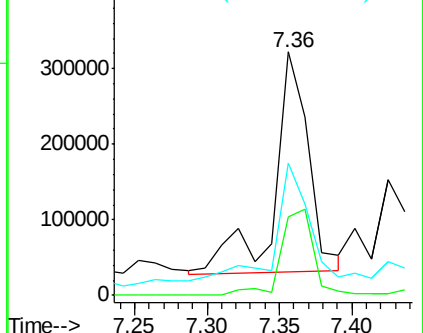
54 54.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 7.40 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

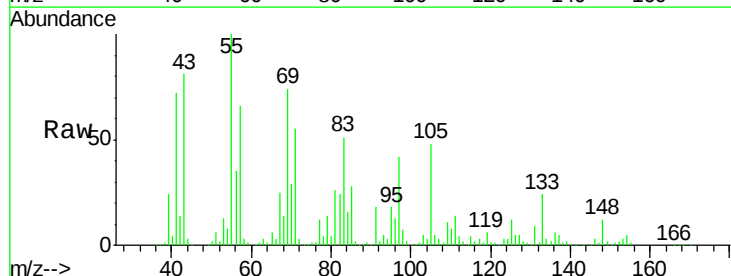
Tgt Ion: 77 Resp: 68241

Ion Ratio Lower Upper

77 100

123 25.1 33.0 49.4#

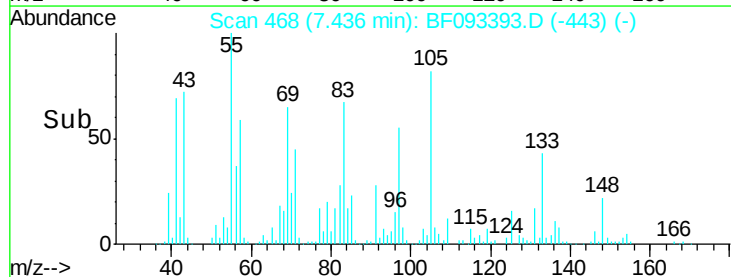
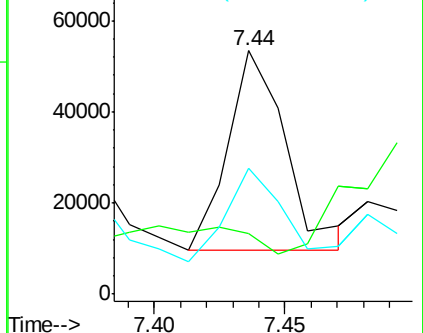
65 51.5 11.2 16.8#

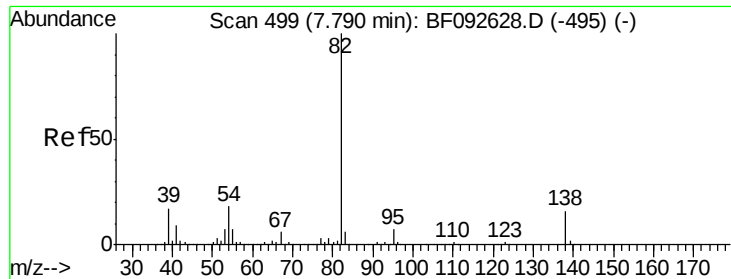


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 20.37 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.08 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

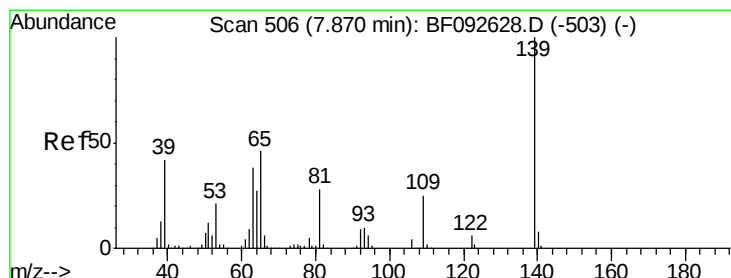
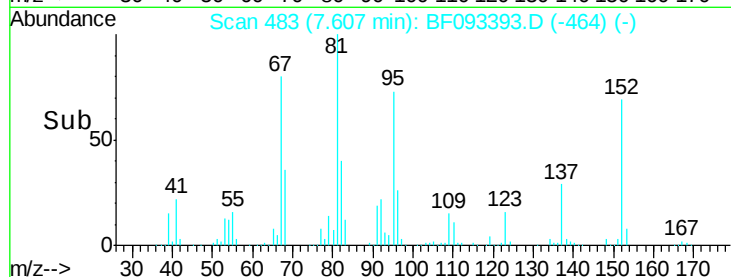
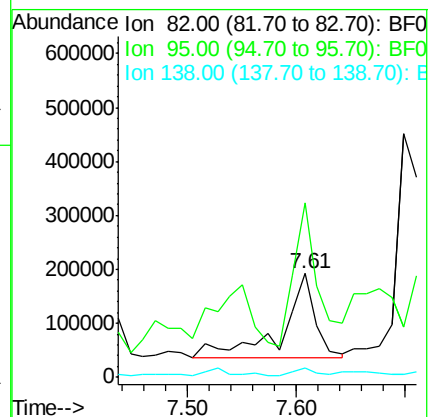
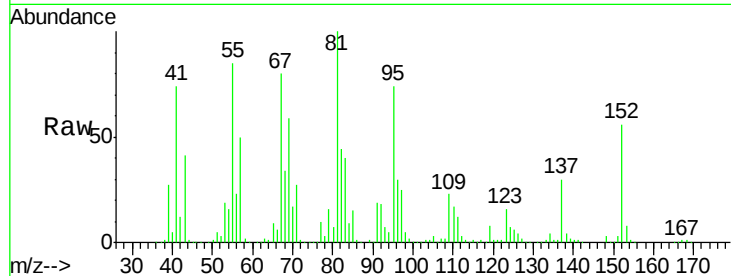
Tgt Ion: 82 Resp: 340821

Ion Ratio Lower Upper

82 100

95 167.8 5.6 8.4#

138 8.4 14.6 22.0#



#26

2-Nitrophenol

Concen: 13.54 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

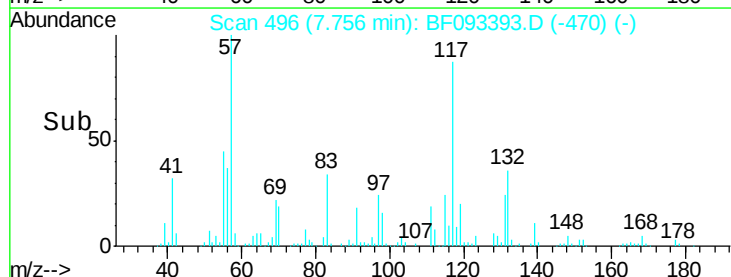
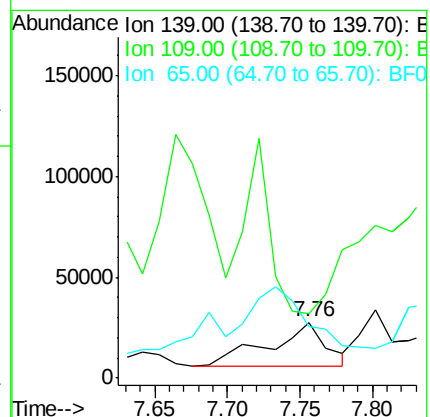
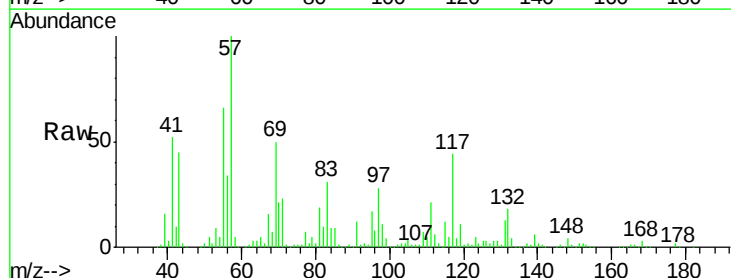
Tgt Ion: 139 Resp: 59356

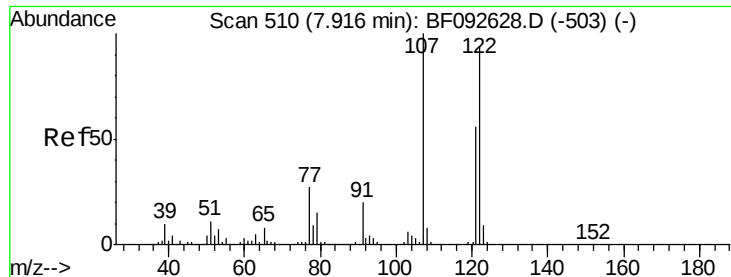
Ion Ratio Lower Upper

139 100

109 115.1 23.3 34.9#

65 92.0 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 5.01 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.07 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

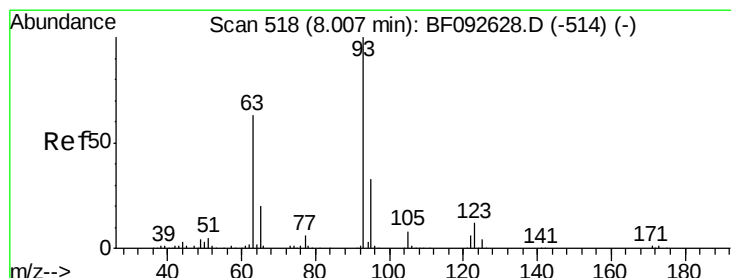
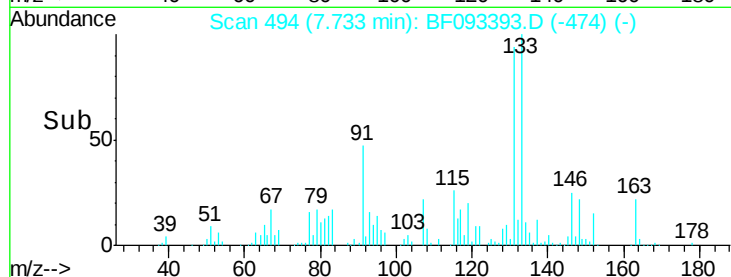
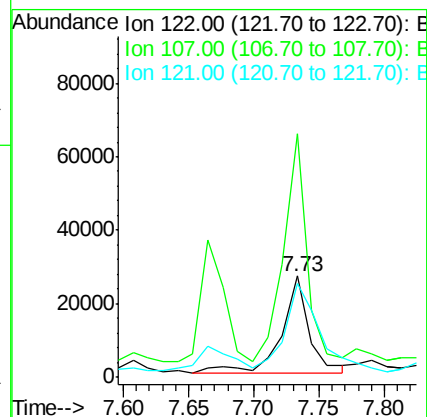
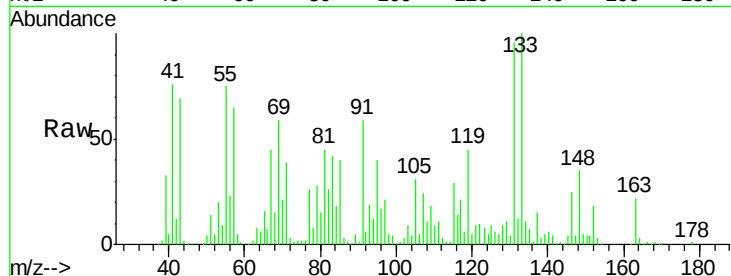
Tgt Ion: 122 Resp: 38591

Ion Ratio Lower Upper

122 100

107 240.6 94.1 141.1#

121 92.8 46.0 69.0#



#28

bis(2-Chloroethoxy)methane

Concen: 6.70 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

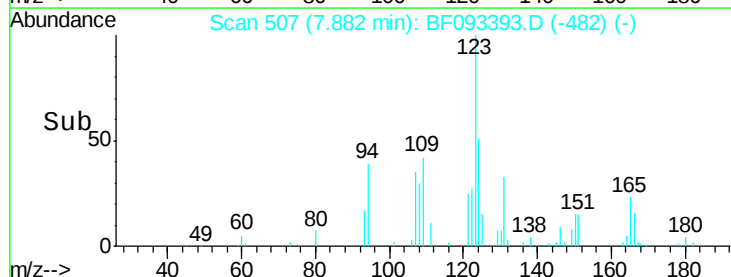
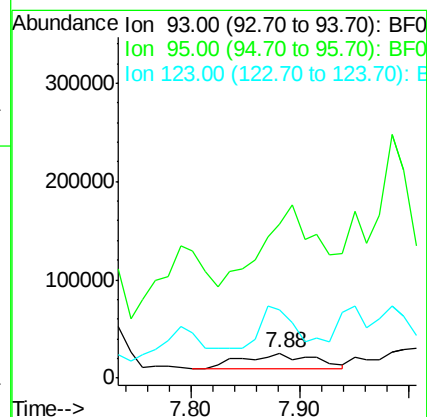
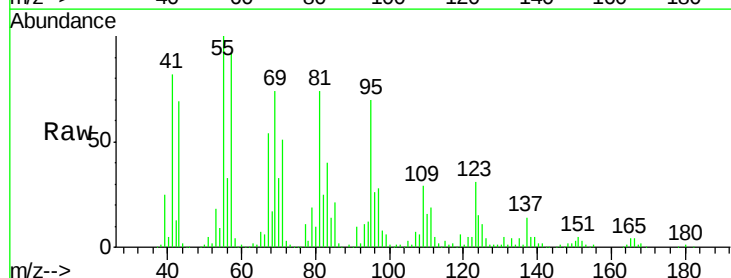
Tgt Ion: 93 Resp: 74275

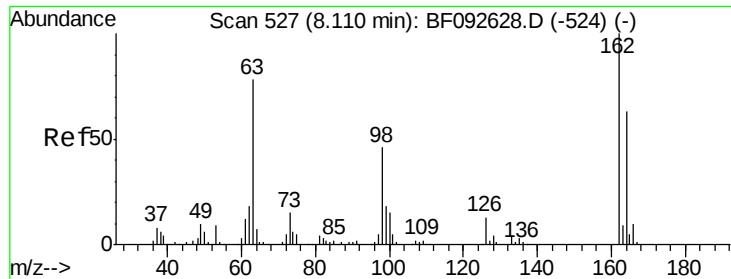
Ion Ratio Lower Upper

93 100

95 617.6 26.5 39.7#

123 273.5 8.6 13.0#

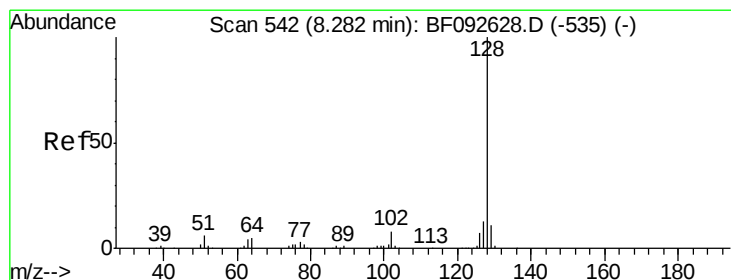
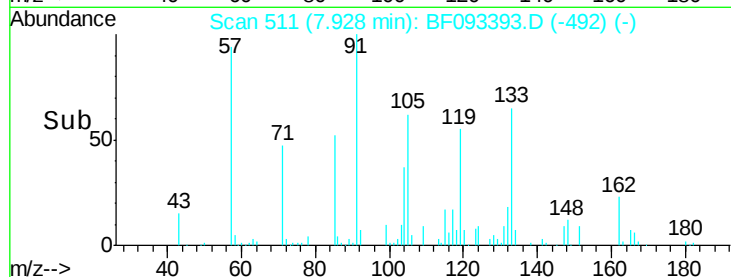
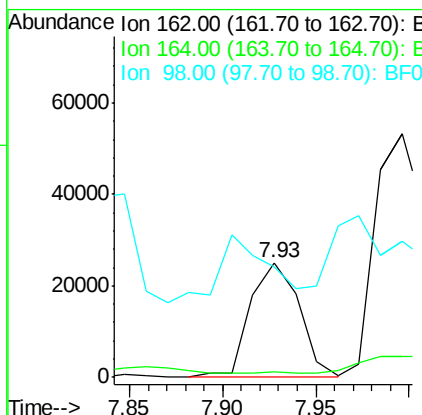
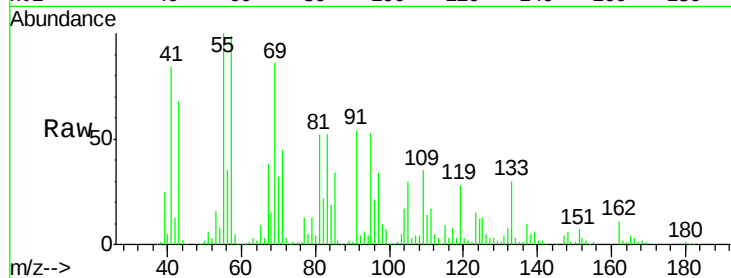




#29
2,4-Dichlorophenol
Concen: 6.42 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.08 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

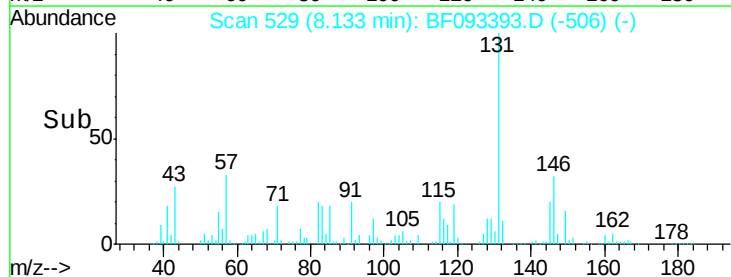
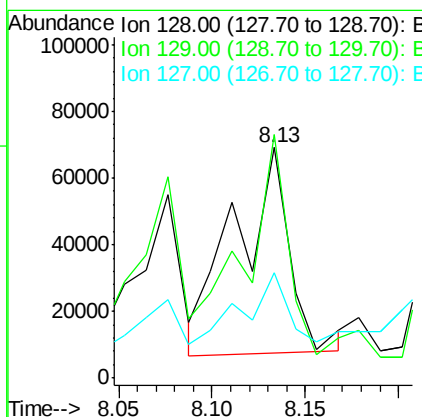
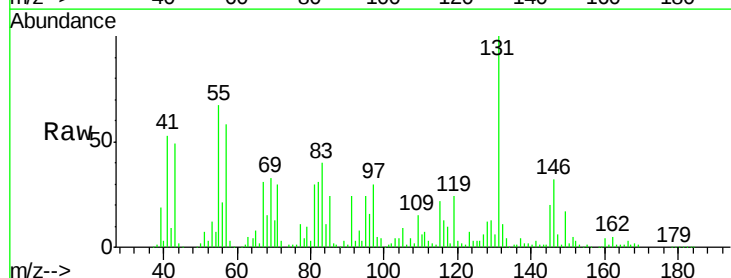
Instrument :
BNA_F
ClientSampleId :
16B-23

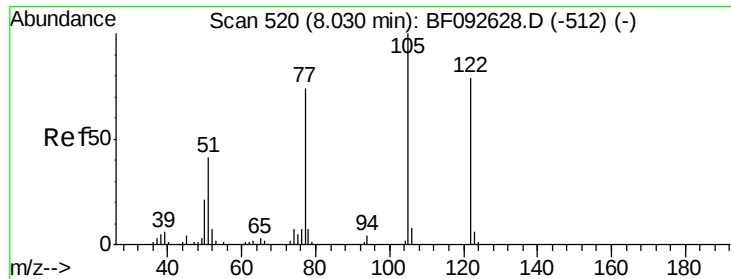
Tgt Ion:162 Resp: 46057
Ion Ratio Lower Upper
162 100
164 4.8 46.8 86.8#
98 96.5 9.1 49.1#



#31
Naphthalene
Concen: 4.97 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:128 Resp: 126054
Ion Ratio Lower Upper
128 100
129 105.5 9.5 14.3#
127 45.9 10.8 16.2#

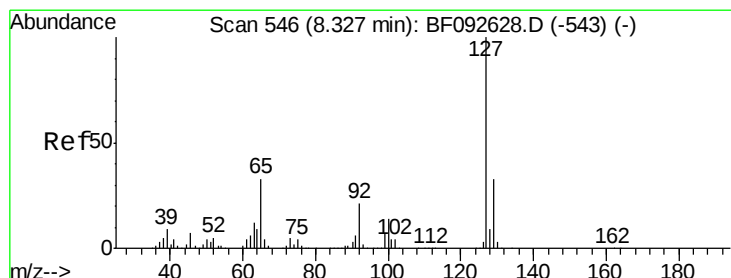
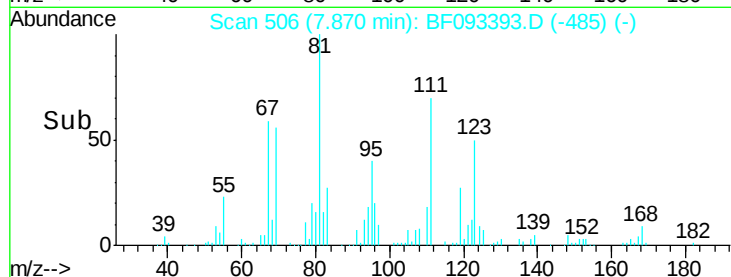
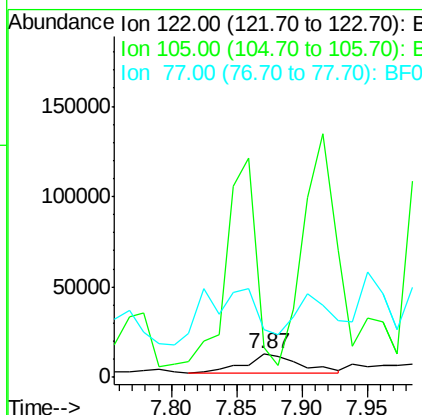
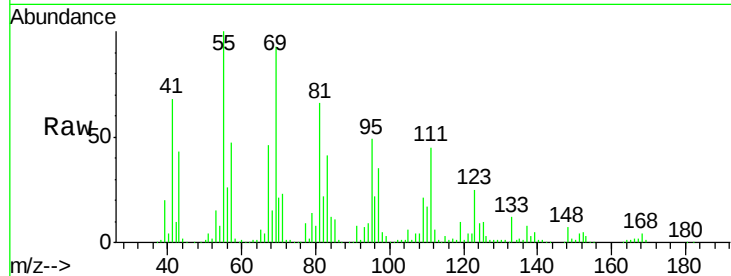




#32
Benzoic acid
Concen: 13.32 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.06 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

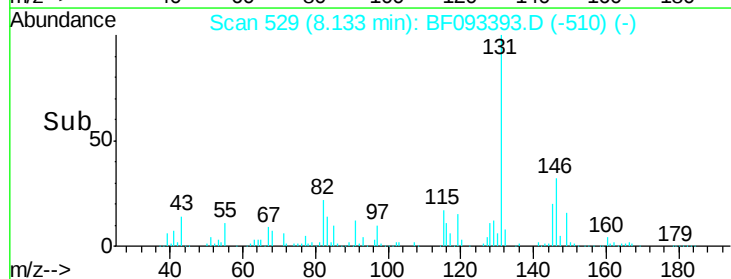
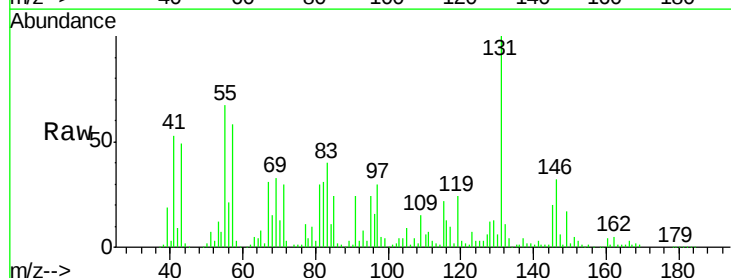
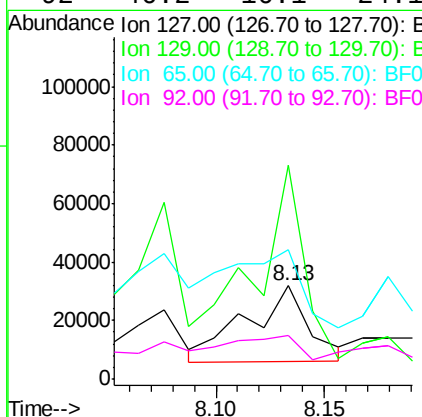
Instrument :
BNA_F
ClientSampleId :
16B-23

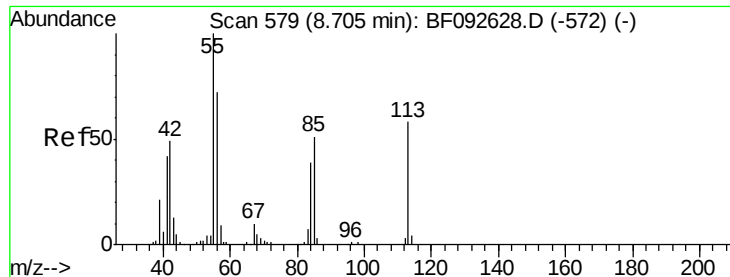
Tgt Ion:122 Resp: 31551
Ion Ratio Lower Upper
122 100
105 127.8 107.2 147.2
77 202.9 74.5 114.5#



#33
4-Chloroaniline
Concen: 5.21 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.08 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:127 Resp: 51772
Ion Ratio Lower Upper
127 100
129 229.7 26.3 39.5#
65 139.7 25.8 38.8#
92 46.2 16.1 24.1#

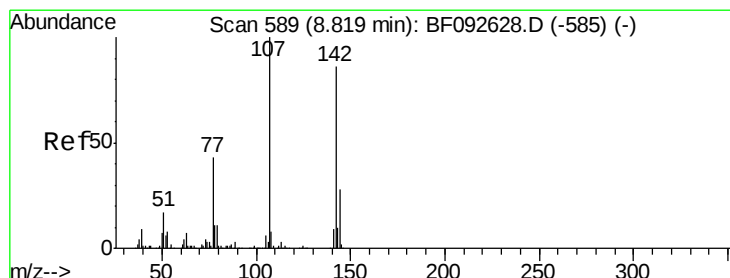
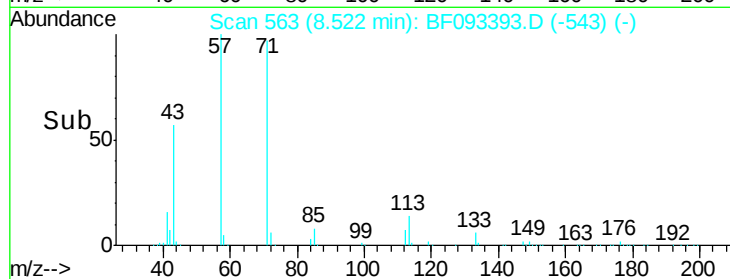
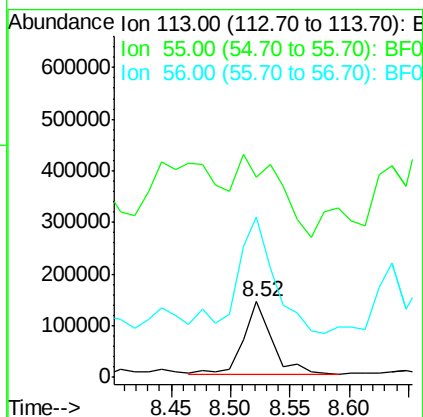
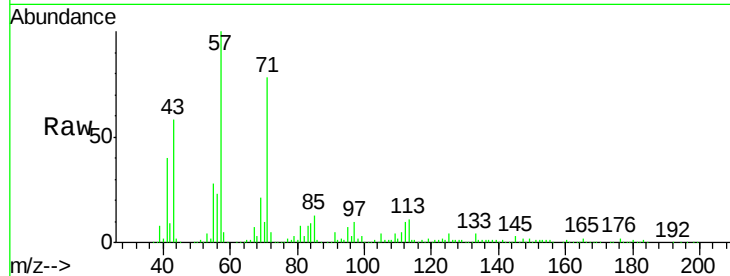




#35
 Caprolactam
 Concen: 103.88 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.07 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

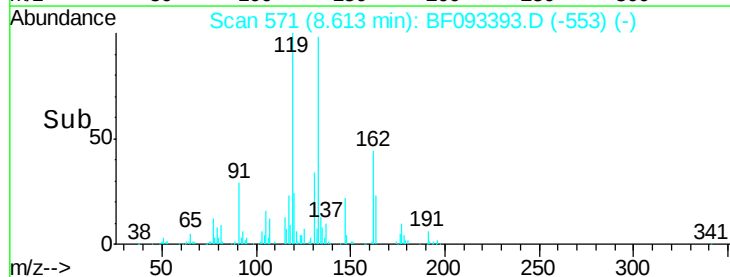
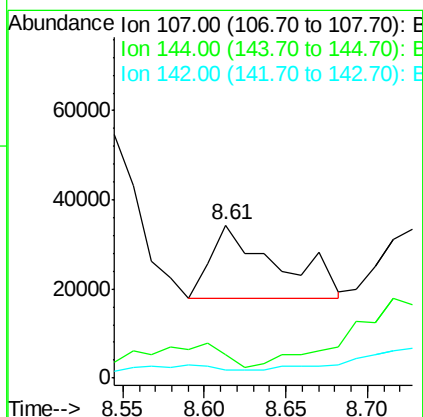
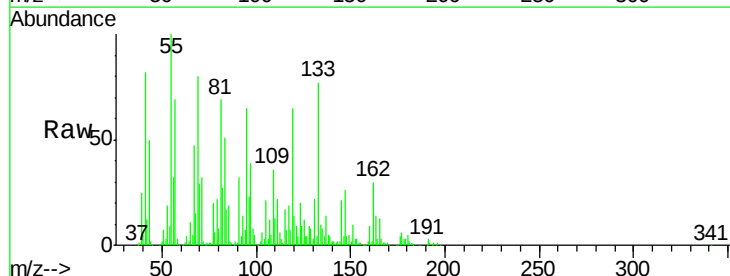
Instrument :
 BNA_F
 ClientSampleId :
 16B-23

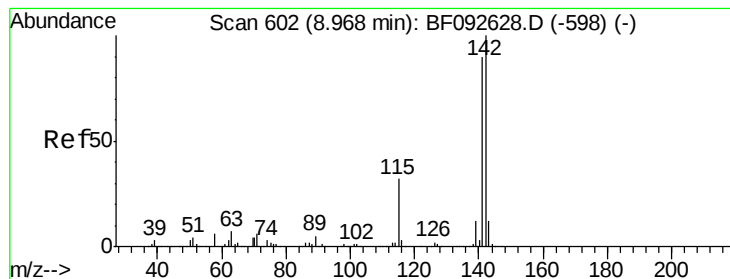
Tgt Ion:113 Resp: 234548
 Ion Ratio Lower Upper
 113 100
 55 265.2 119.2 159.2#
 56 212.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 6.23 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.09 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

Tgt Ion:107 Resp: 46617
 Ion Ratio Lower Upper
 107 100
 144 15.2 19.3 28.9#
 142 5.4 59.0 88.6#





#37

2-Methylnaphthalene

Concen: 6.85 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampled :

16B-23

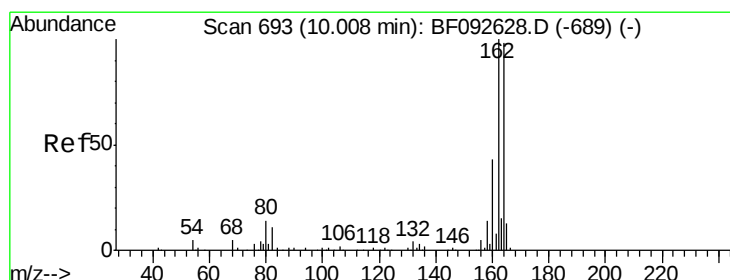
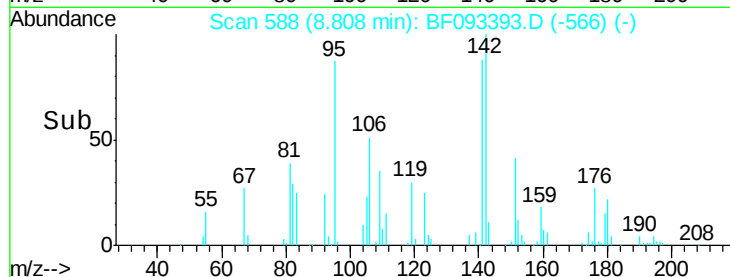
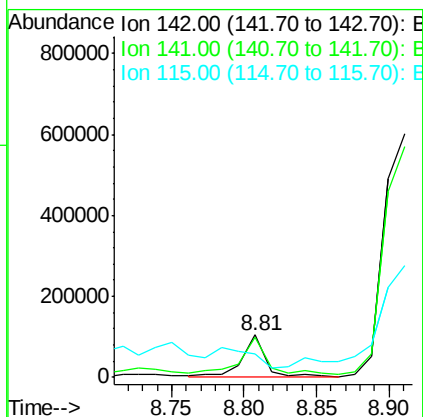
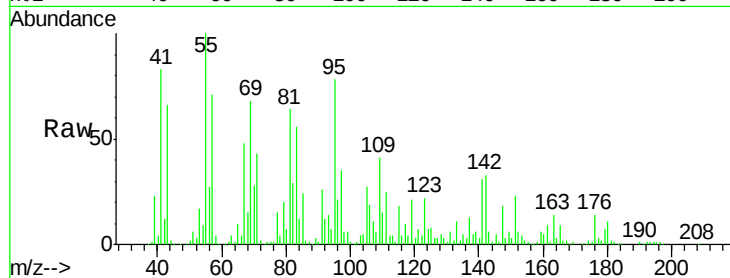
Tgt Ion:142 Resp: 111494

Ion Ratio Lower Upper

142 100

141 94.9 71.0 106.6

115 54.7 28.3 42.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

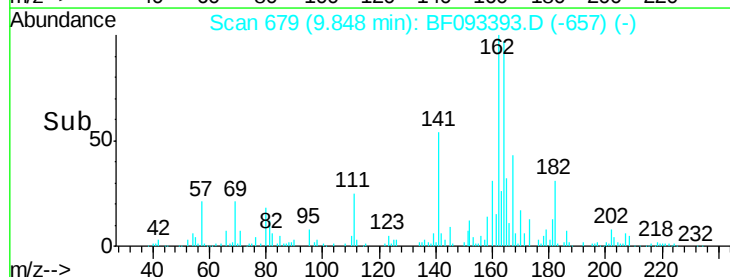
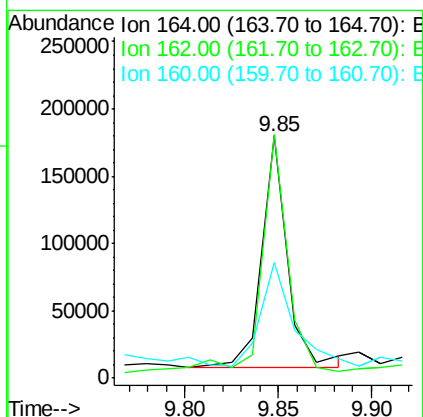
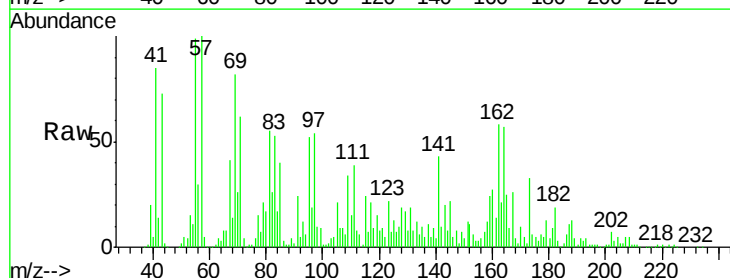
Tgt Ion:164 Resp: 164301

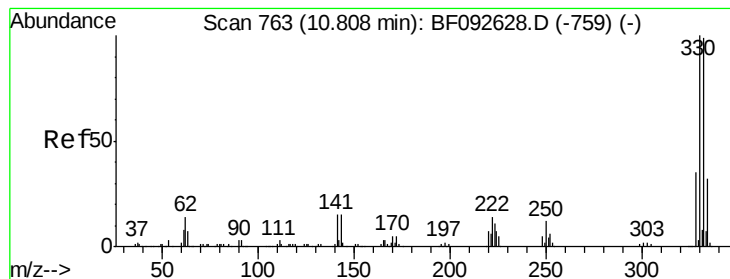
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 47.8 36.9 55.3

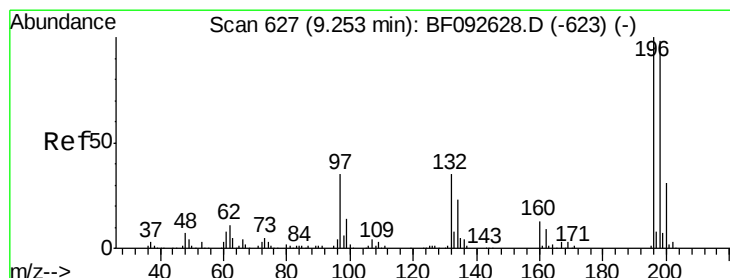
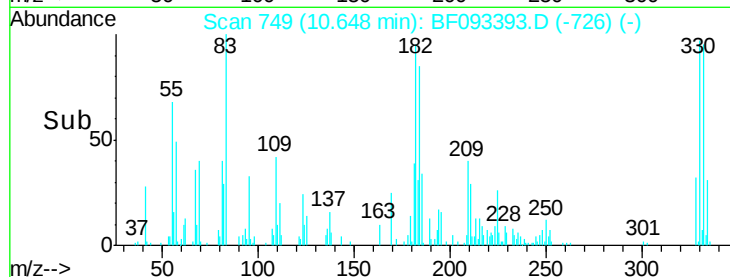
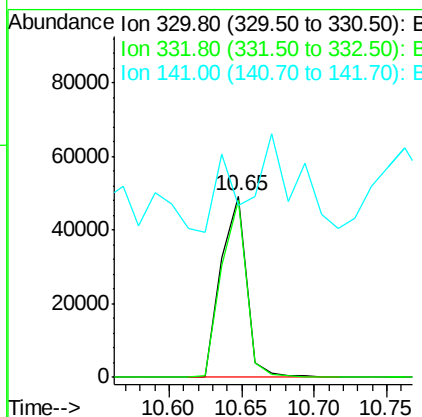
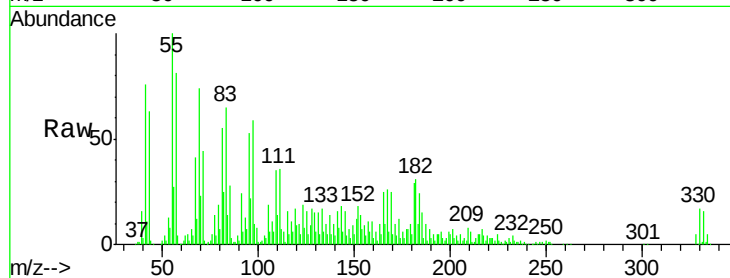




#41
 2,4,6-Tribromophenol
 Concen: 50.42 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

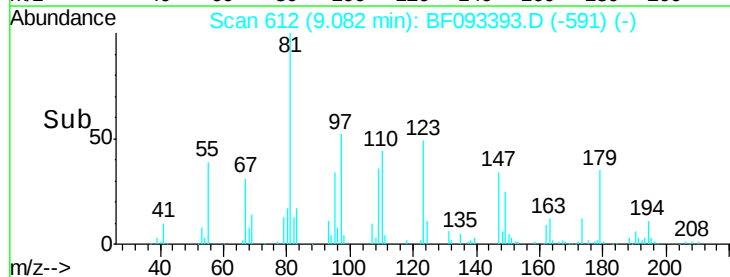
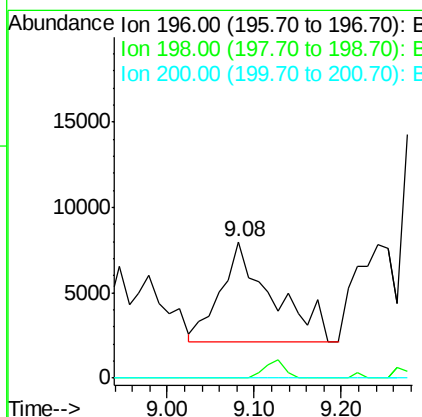
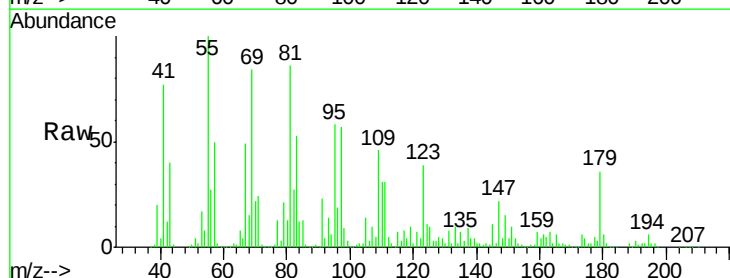
Instrument :
 BNA_F
 ClientSampleId :
 16B-23

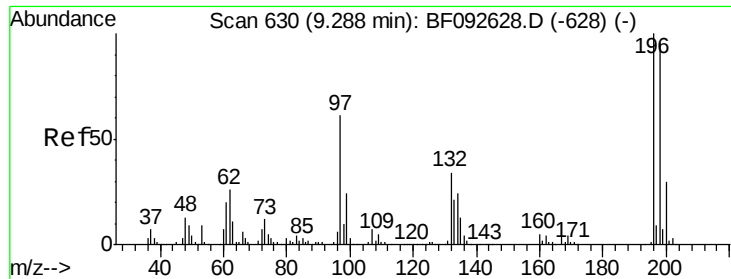
Tgt Ion:330 Resp: 59915
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 0.0 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 8.01 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.06 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

Tgt Ion:196 Resp: 24288
 Ion Ratio Lower Upper
 196 100
 198 0.0 82.1 123.1#
 200 0.0 27.0 40.4#

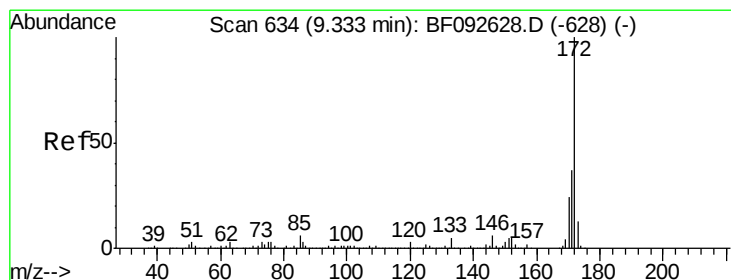
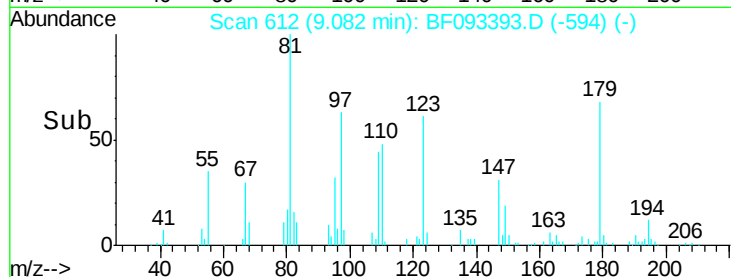
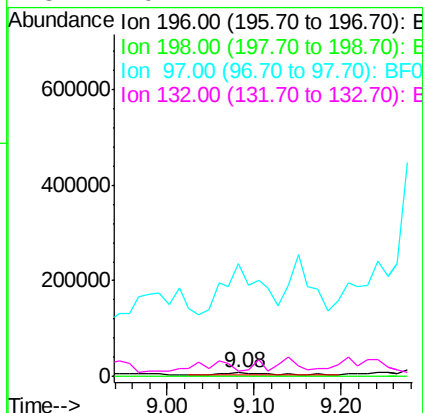
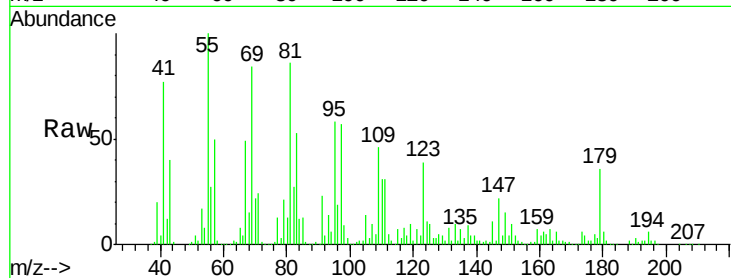




#43
 2,4,5-Trichlorophenol
 Concen: 7.31 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.09 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

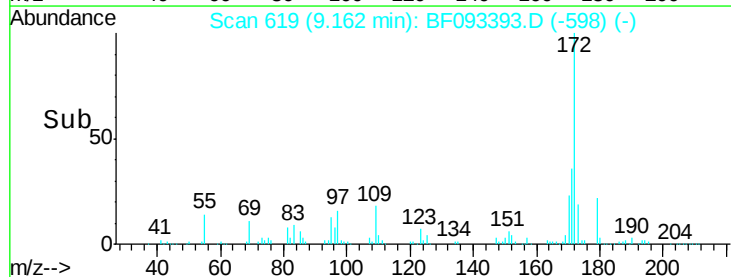
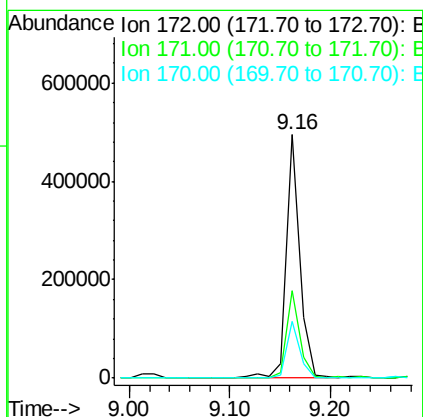
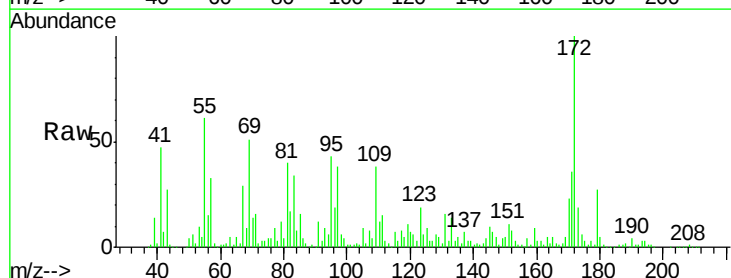
Instrument :
 BNA_F
 ClientSampleId :
 16B-23

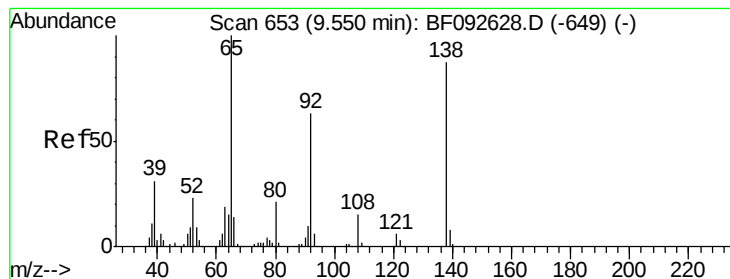
Tgt Ion:196 Resp: 24288
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.4 119.2#
 97 2945.6 51.5 77.3#
 132 119.2 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 51.37 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

Tgt Ion:172 Resp: 465890
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.4 20.2 30.4





#47

2-Nitroaniline

Concen: 6.38 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.06 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

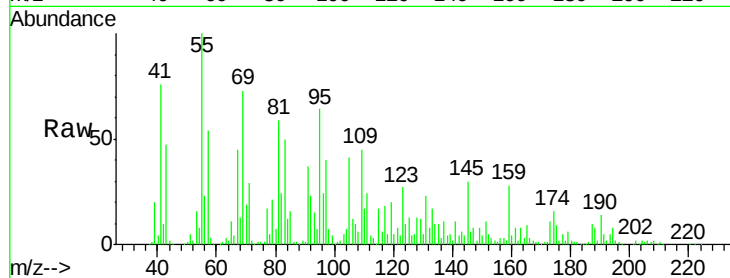
Tgt Ion: 65 Resp: 19965

Ion Ratio Lower Upper

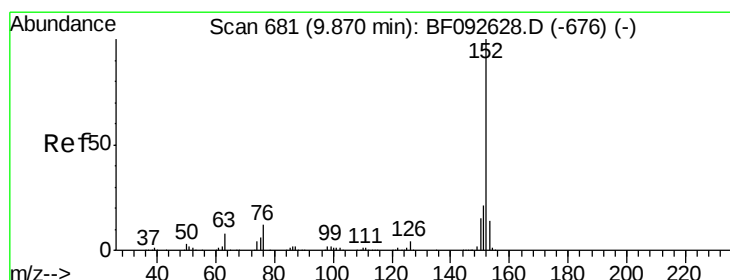
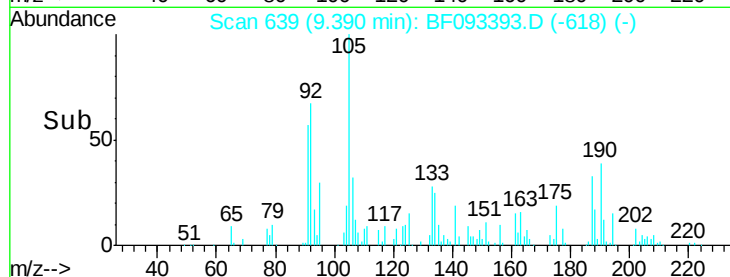
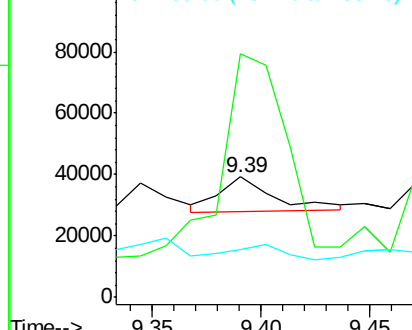
65 100

92 202.3 53.9 80.9#

138 39.6 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 3.54 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

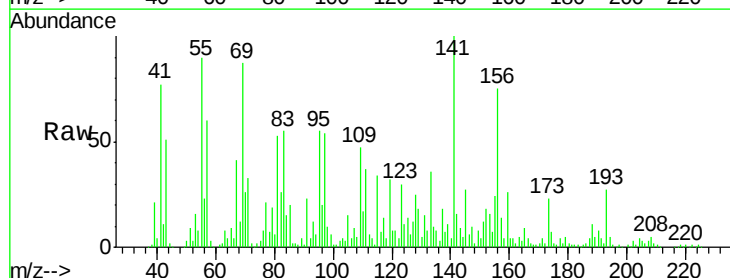
Tgt Ion: 152 Resp: 56933

Ion Ratio Lower Upper

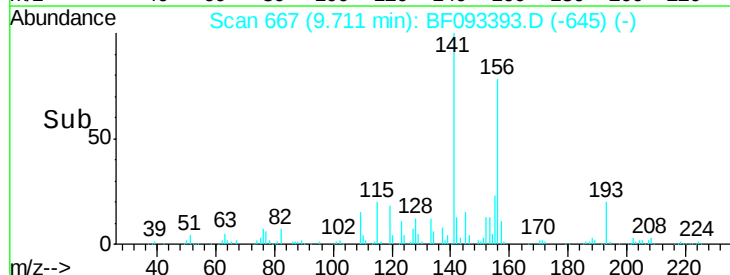
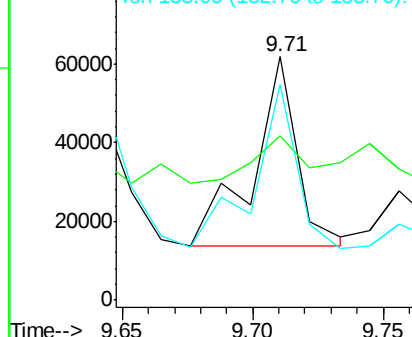
152 100

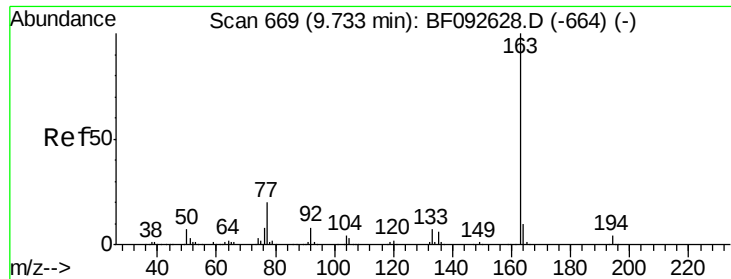
151 67.4 16.9 25.3#

153 88.5 11.4 17.2#



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

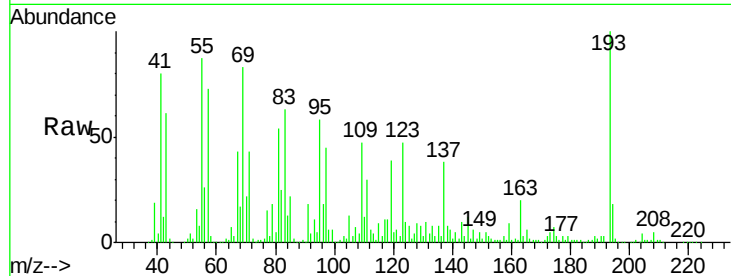




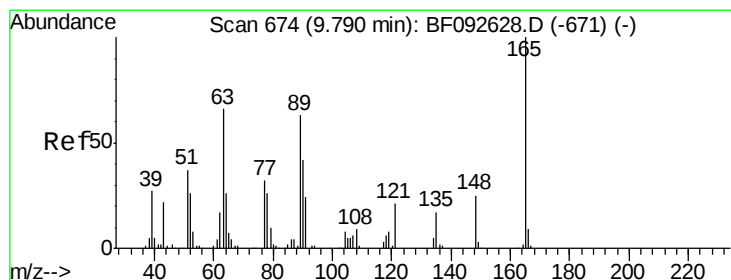
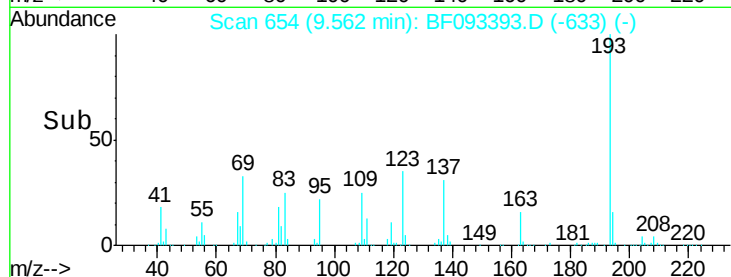
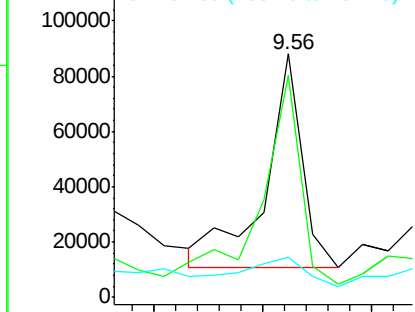
#49
Dimethylphthalate
Concen: 8.29 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Instrument :
BNA_F
ClientSampleId :
16B-23

Tgt Ion:163 Resp: 91727
Ion Ratio Lower Upper
163 100
194 91.3 3.0 4.4#
164 16.4 8.0 12.0#

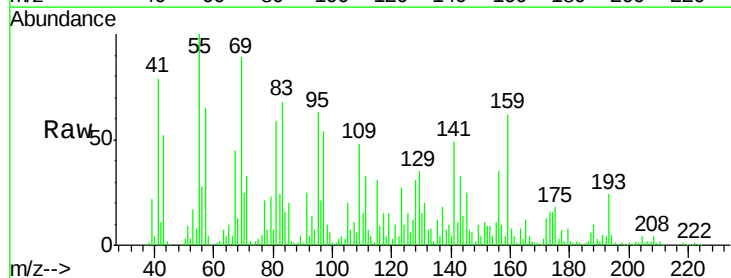


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

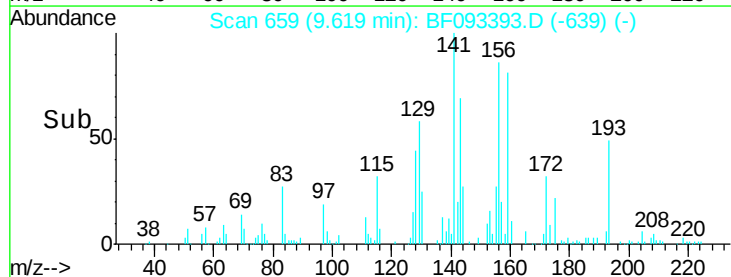
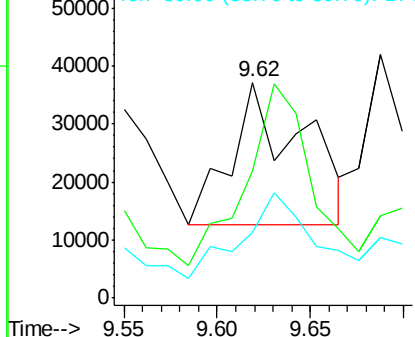


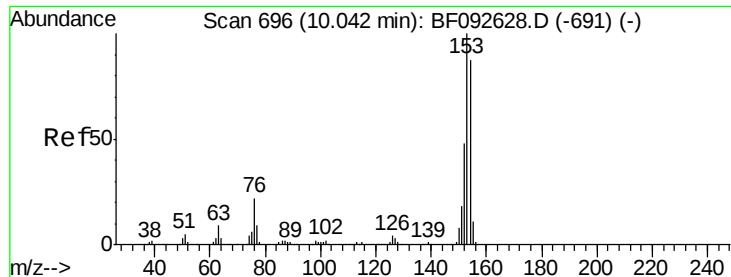
#50
2,6-Dinitrotoluene
Concen: 27.39 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.07 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:165 Resp: 65462
Ion Ratio Lower Upper
165 100
63 59.2 36.2 54.4#
89 30.7 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 6.82 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

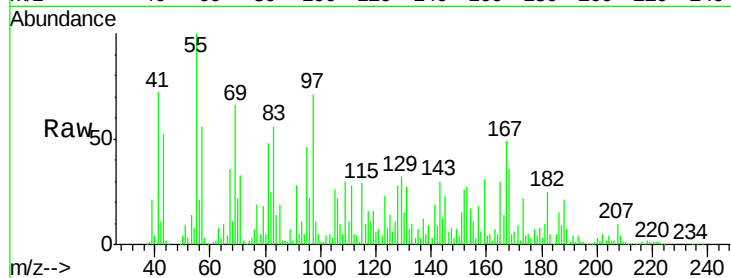
Tgt Ion:154 Resp: 65559

Ion Ratio Lower Upper

154 100

153 161.0 88.6 133.0#

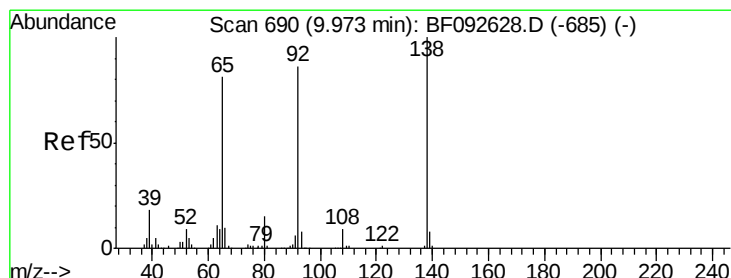
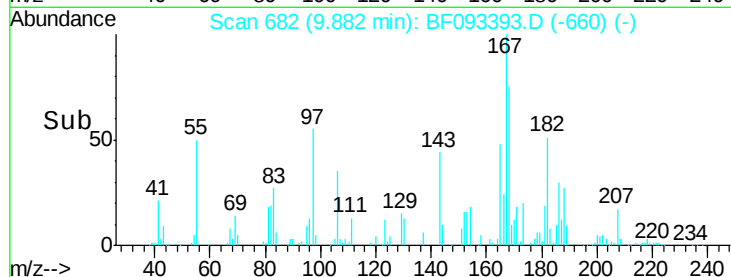
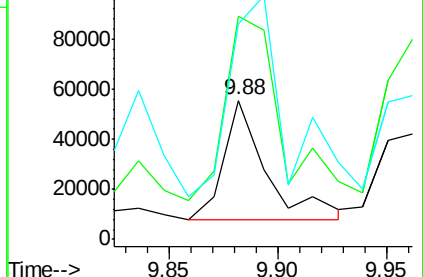
152 155.6 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.58 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

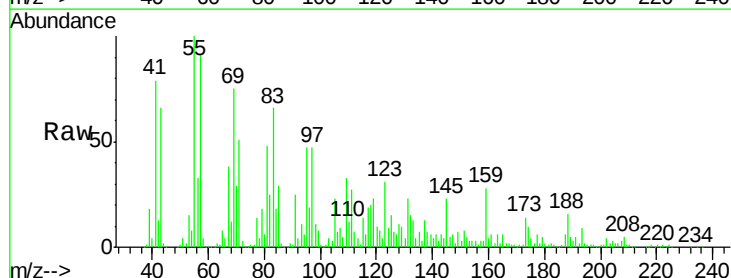
Tgt Ion:138 Resp: 37144

Ion Ratio Lower Upper

138 100

108 66.1 8.5 12.7#

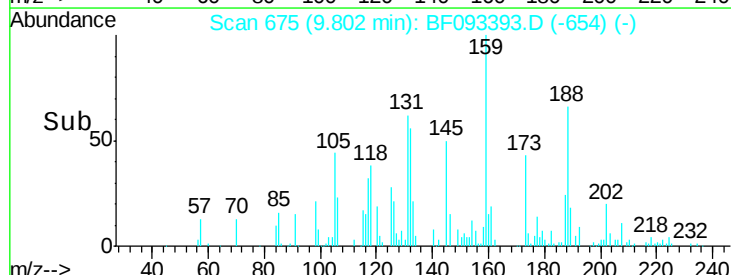
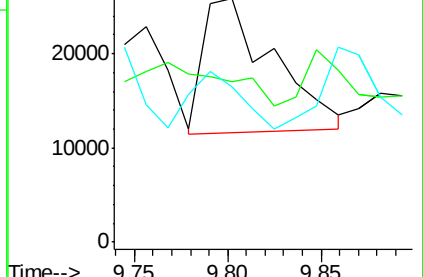
92 63.8 97.8 146.8#

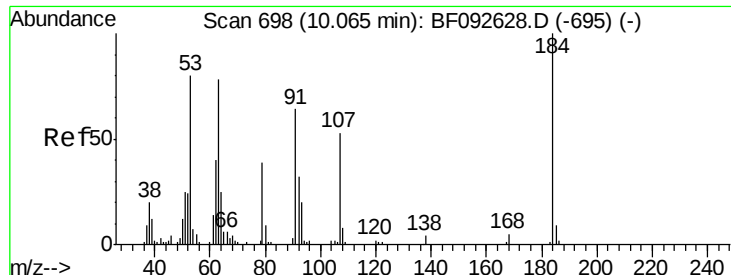


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

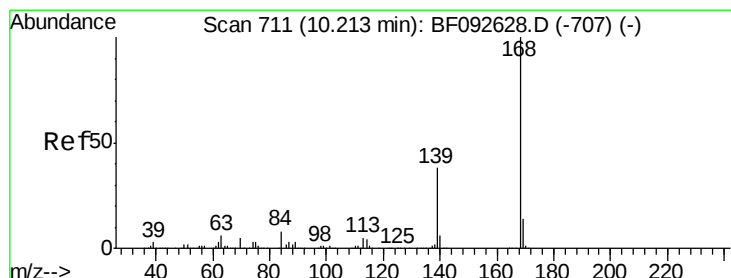
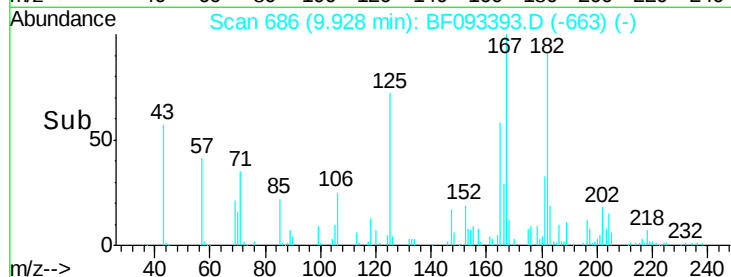
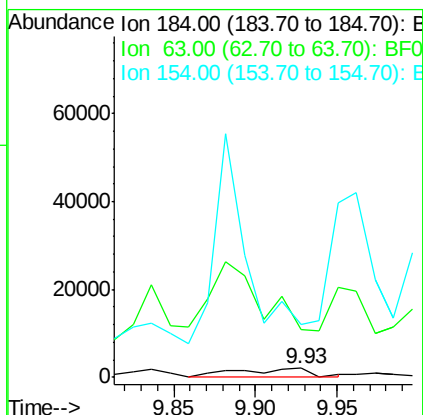
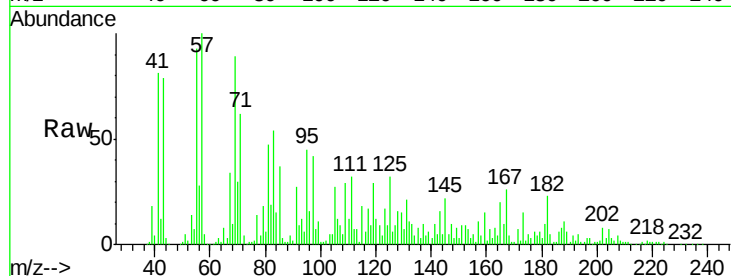




#53
2,4-Dinitrophenol
Concen: 9.80 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

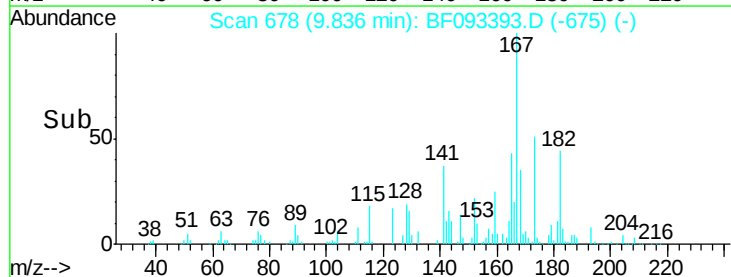
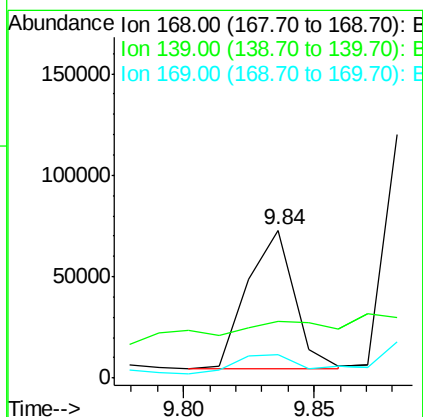
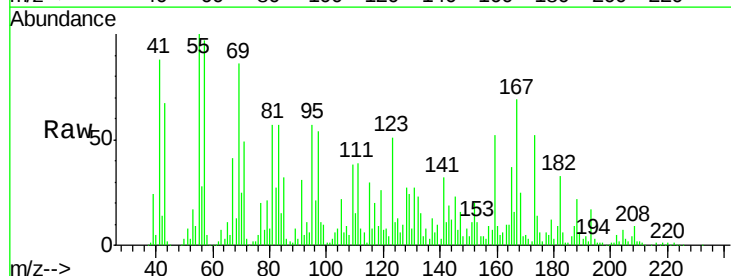
Instrument :
BNA_F
ClientSampleId :
16B-23

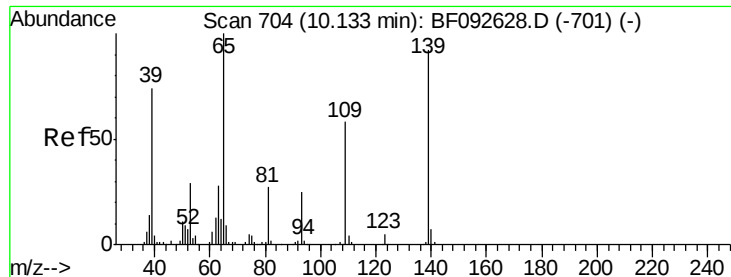
Tgt Ion:184 Resp: 6545
Ion Ratio Lower Upper
184 100
63 516.2 28.4 42.6#
154 572.3 44.3 66.5#



#54
Dibenzofuran
Concen: 6.68 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.26 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:168 Resp: 85824
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 15.9 11.3 16.9

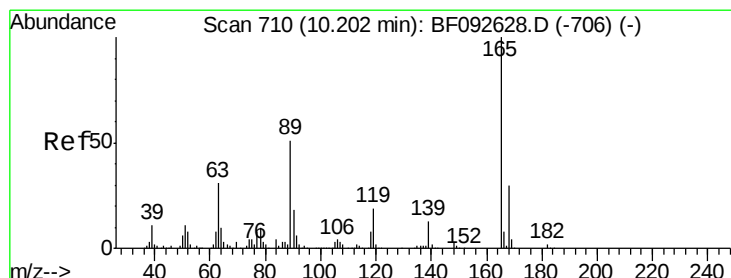
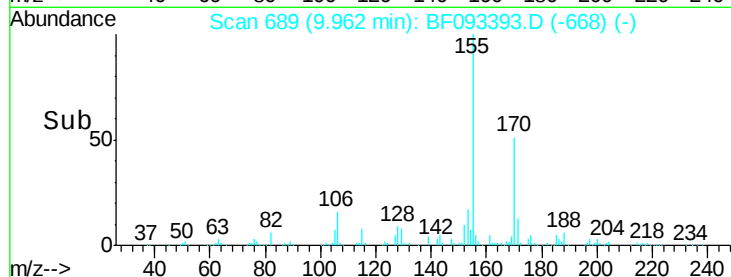
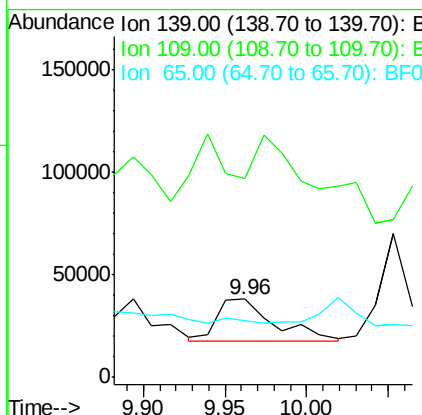
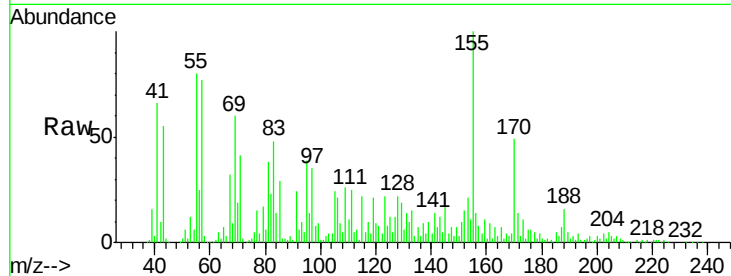




#55
4-Nitrophenol
Concen: 25.35 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.06 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

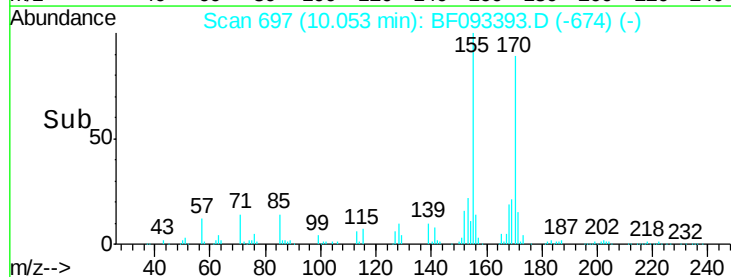
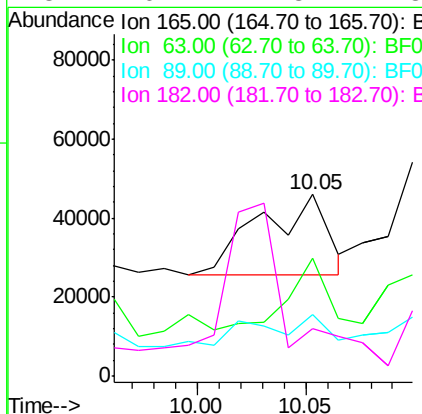
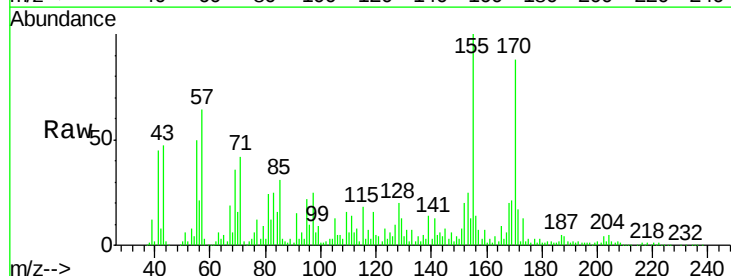
Instrument :
BNA_F
ClientSampleId :
16B-23

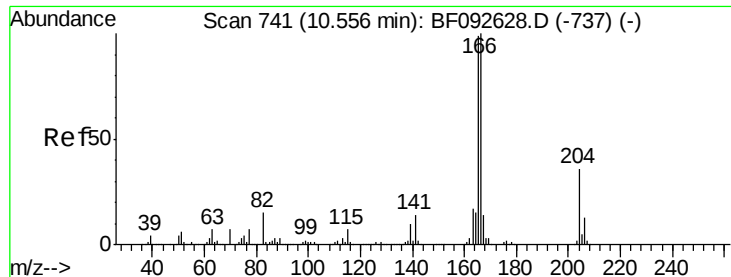
Tgt Ion:139 Resp: 49936
Ion Ratio Lower Upper
139 100
109 254.1 52.2 92.2#
65 72.1 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 13.92 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:165 Resp: 44283
Ion Ratio Lower Upper
165 100
63 65.0 40.2 60.4#
89 34.0 62.5 93.7#
182 26.4 1.8 2.8#





#57

Fluorene

Concen: 28.99 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

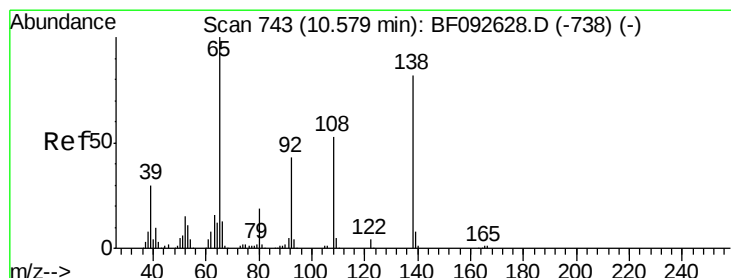
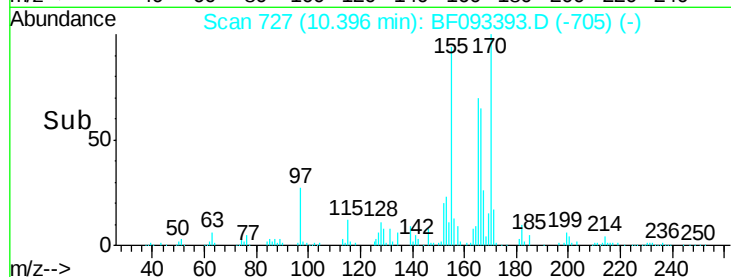
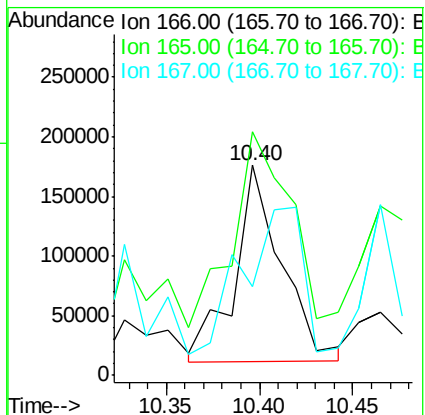
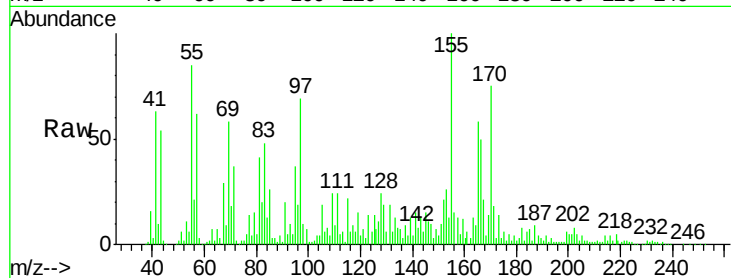
Tgt Ion:166 Resp: 286795

Ion Ratio Lower Upper

166 100

165 116.0 77.8 116.8

167 42.2 10.8 16.2#



#61

4-Nitroaniline

Concen: 4.77 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.21 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

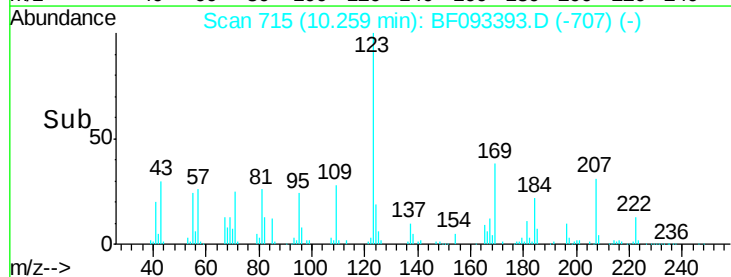
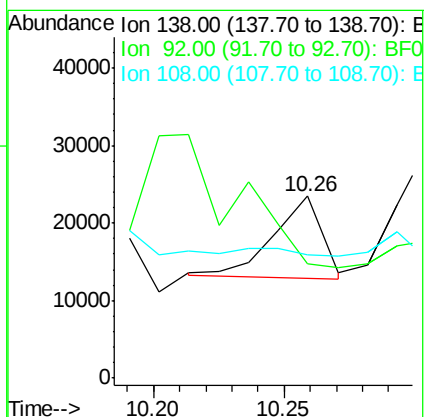
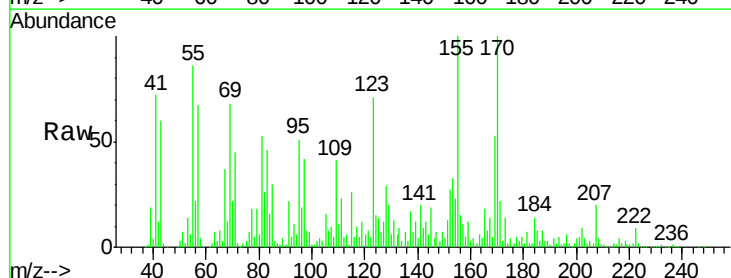
Tgt Ion:138 Resp: 13368

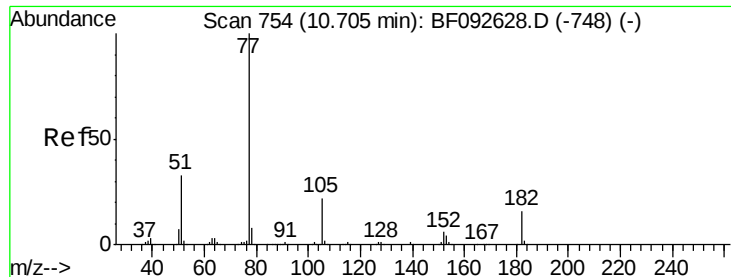
Ion Ratio Lower Upper

138 100

92 63.3 31.7 71.7

108 67.8 52.6 92.6





#62

Azobenzene

Concen: 9.22 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampled :

16B-23

Tgt Ion: 77 Resp: 99394

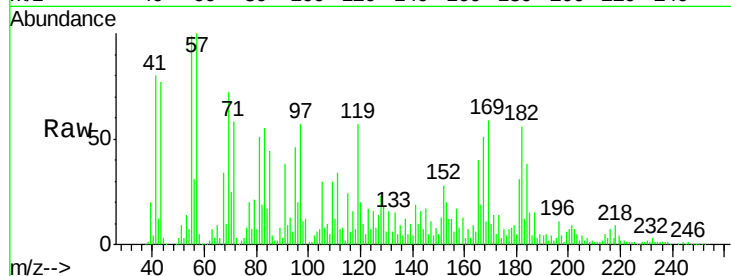
Ion Ratio Lower Upper

77 100

182 274.7 0.0 39.3#

105 145.4 2.3 42.3#

51 42.6 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0

250000

200000

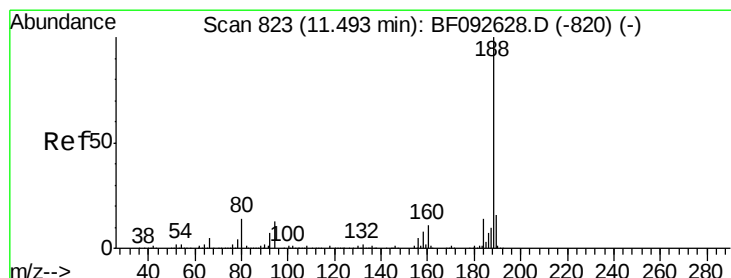
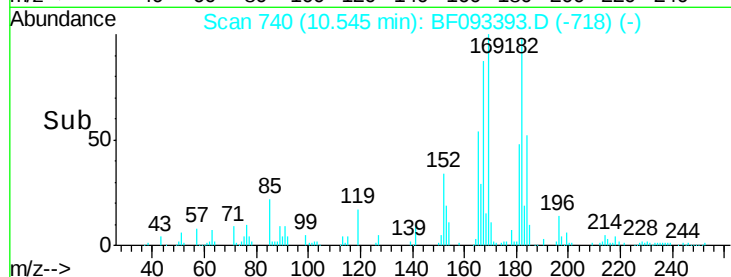
150000

100000

50000

0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

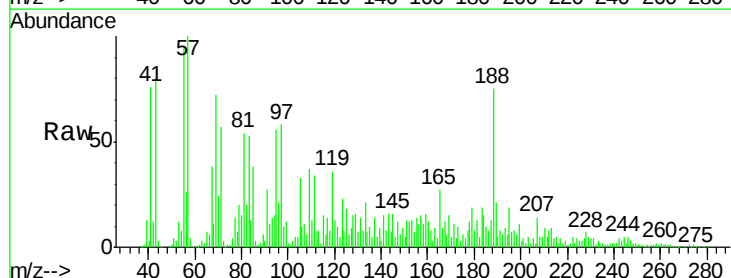
Tgt Ion: 188 Resp: 249907

Ion Ratio Lower Upper

188 100

94 20.5 10.0 15.0#

80 20.0 11.2 16.8#



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

250000

200000

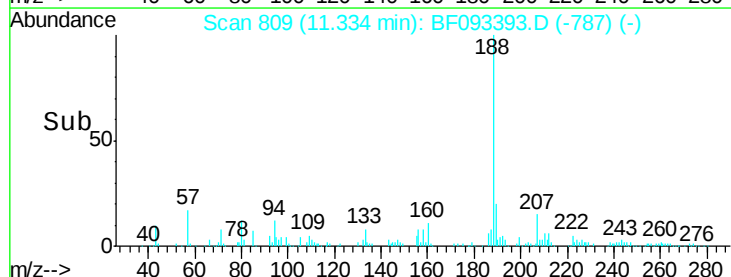
150000

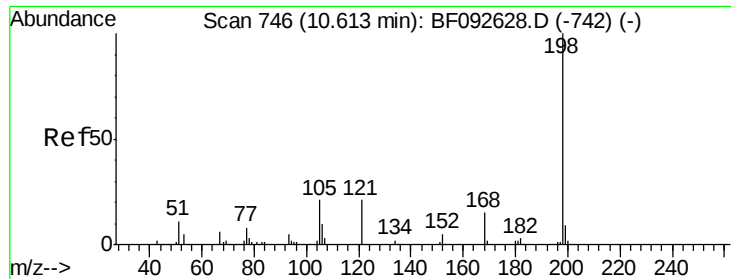
100000

50000

0

Time-->

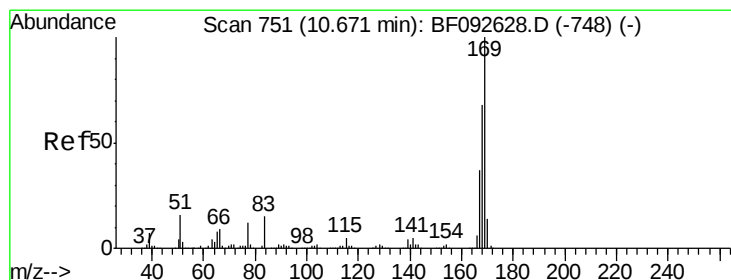
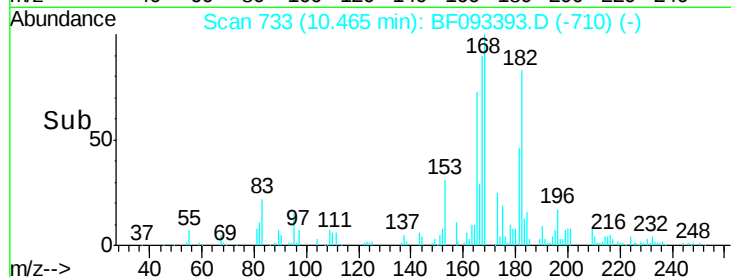
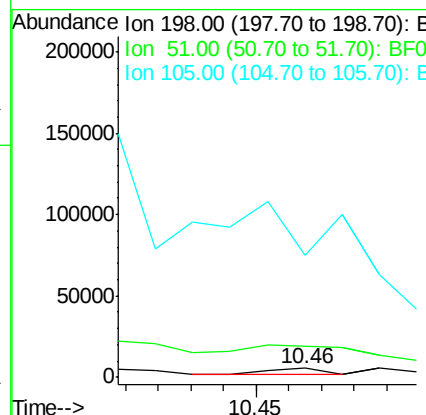
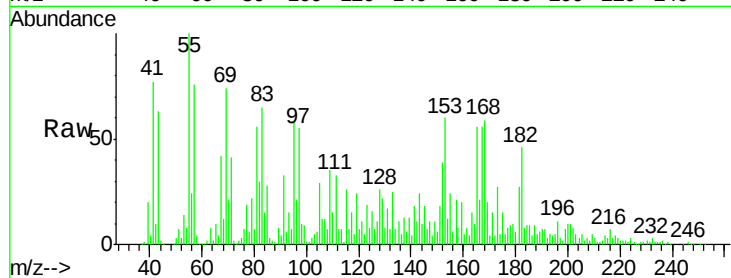




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.65 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

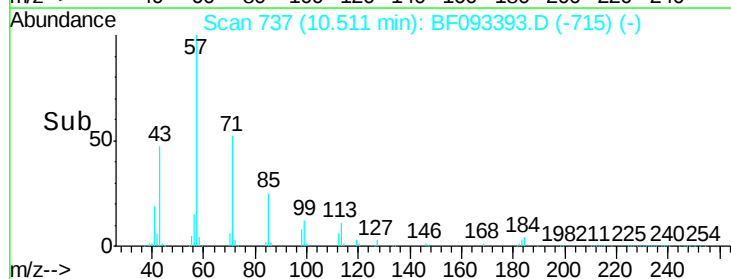
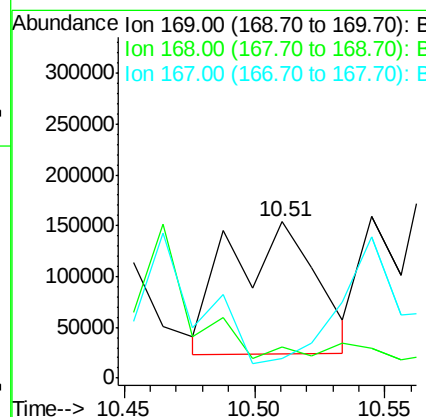
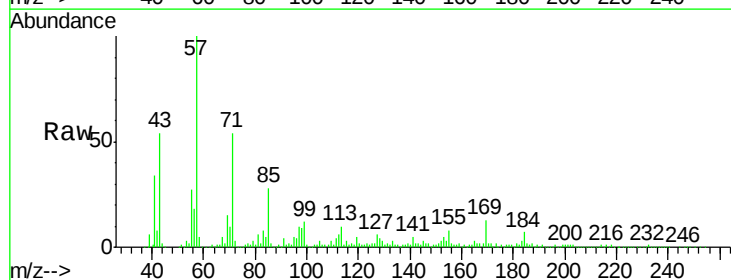
Instrument :
 BNA_F
 ClientSampleId :
 16B-23

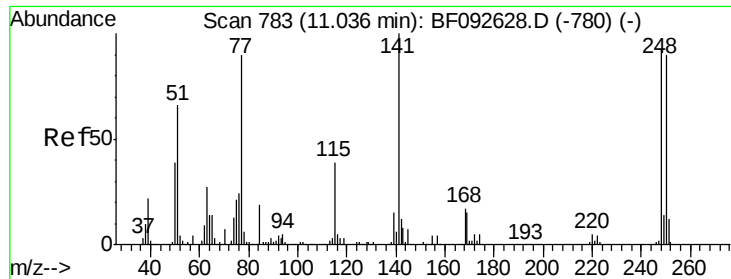
Tgt Ion:198 Resp: 4808
 Ion Ratio Lower Upper
 198 100
 51 336.5 6.7 46.7#
 105 1325.1 16.6 56.6#



#65
 n-Nitrosodiphenylamine
 Concen: 37.18 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

Tgt Ion:169 Resp: 296788
 Ion Ratio Lower Upper
 169 100
 168 19.6 54.2 81.2#
 167 12.2 30.2 45.4#

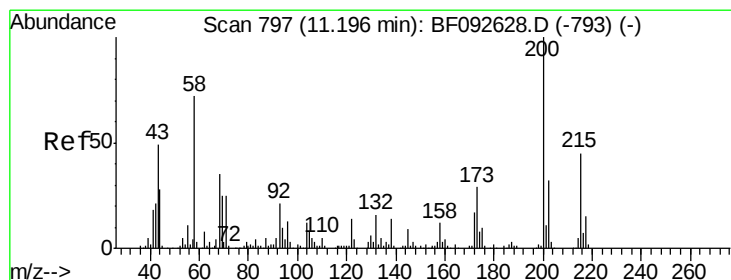
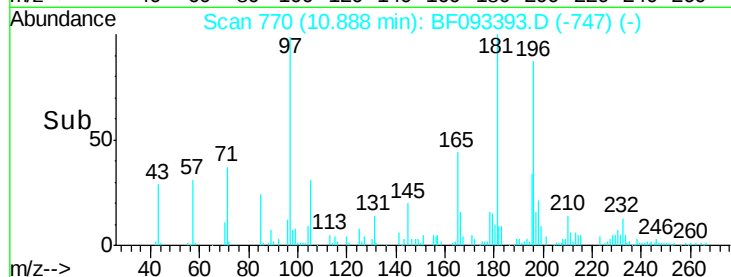
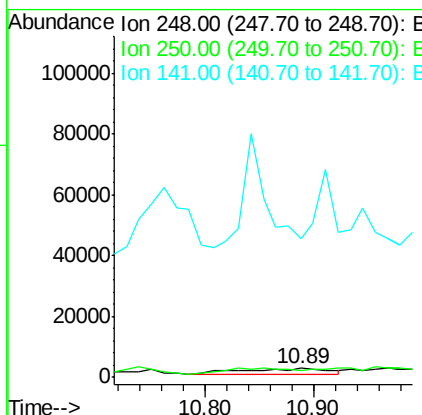
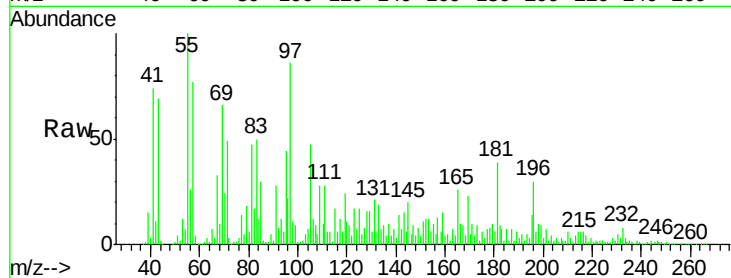




#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

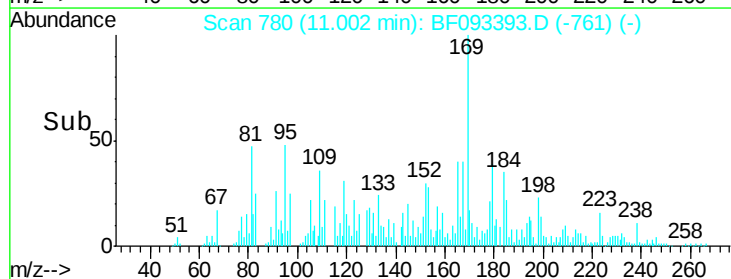
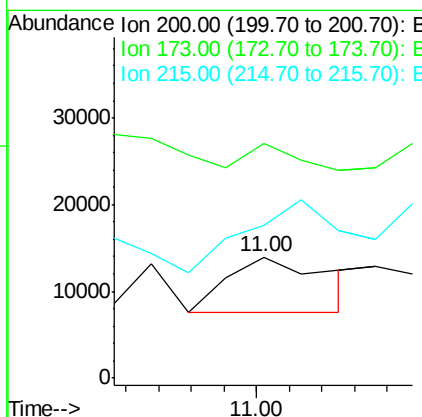
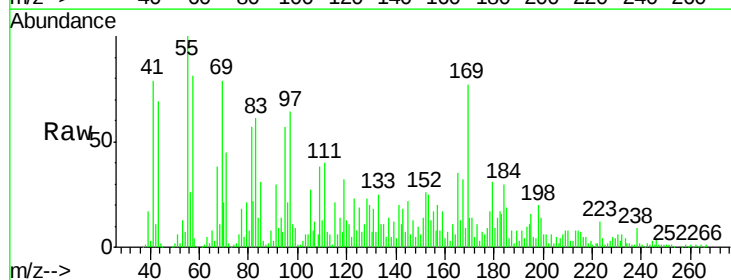
Instrument :
BNA_F
ClientSampleId :
16B-23

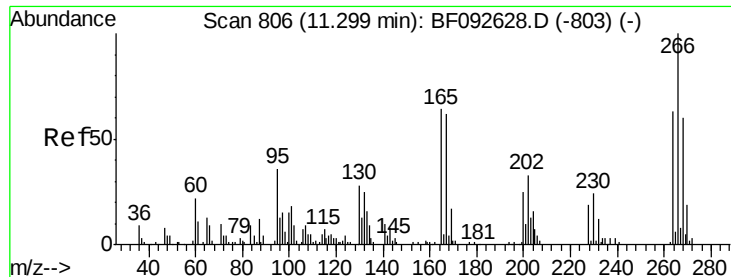
Tgt Ion:248 Resp: 10887
Ion Ratio Lower Upper
248 100
250 79.3 76.9 115.3
141 1525.0 68.2 102.4#



#68
Atrazine
Concen: 5.27 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.08 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:200 Resp: 13494
Ion Ratio Lower Upper
200 100
173 192.9 9.6 49.6#
215 125.9 25.7 65.7#

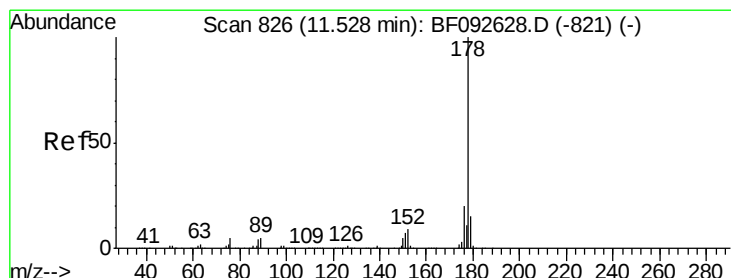
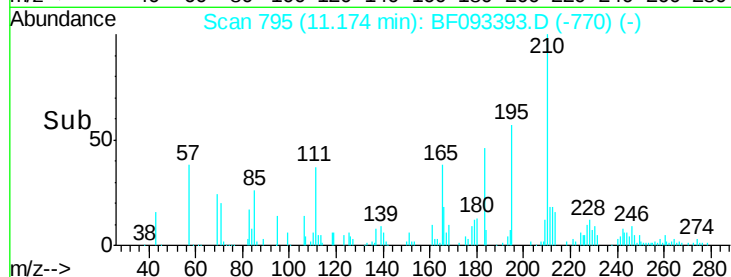
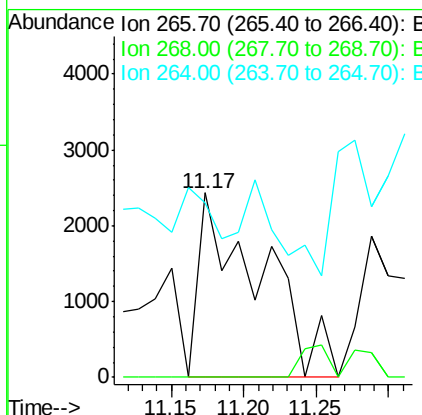
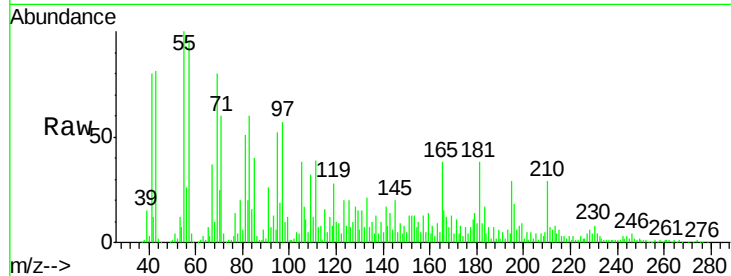




#69
 Pentachlorophenol
 Concen: 12.12 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

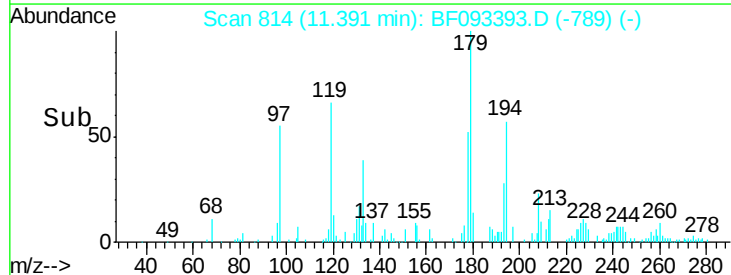
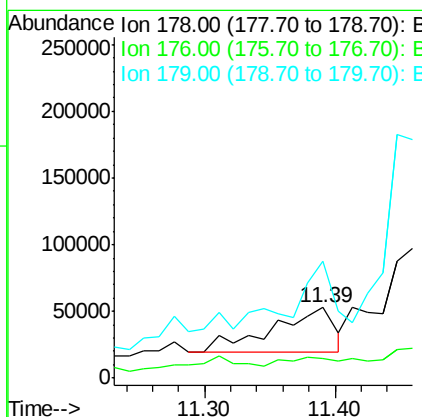
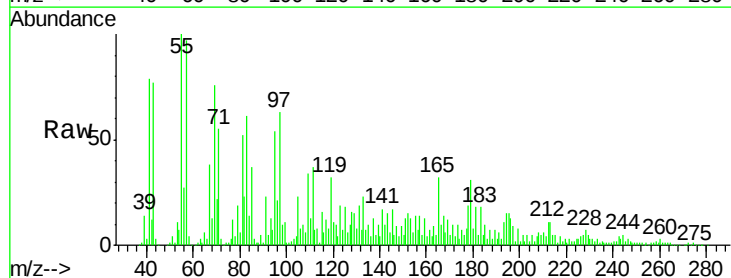
Instrument :
 BNA_F
 ClientSampleId :
 16B-23

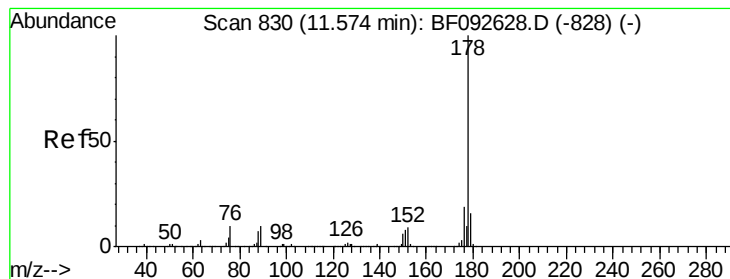
Tgt Ion:266 Resp: 7194
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.3 79.9#
 264 94.9 50.3 75.5#



#70
 Phenanthrene
 Concen: 7.89 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093393.D
 Acq: 4 Mar 2017 8:54

Tgt Ion:178 Resp: 112932
 Ion Ratio Lower Upper
 178 100
 176 28.5 16.6 25.0#
 179 166.5 12.8 19.2#





#71

Anthracene

Concen: 7.85 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampled :

16B-23

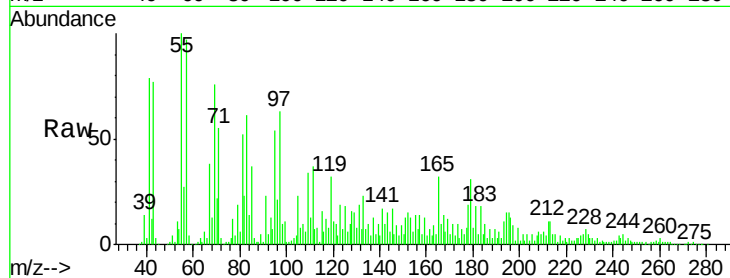
Tgt Ion:178 Resp: 112932

Ion Ratio Lower Upper

178 100

176 28.5 15.9 23.9#

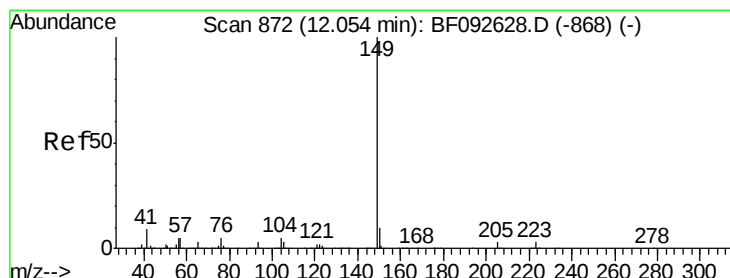
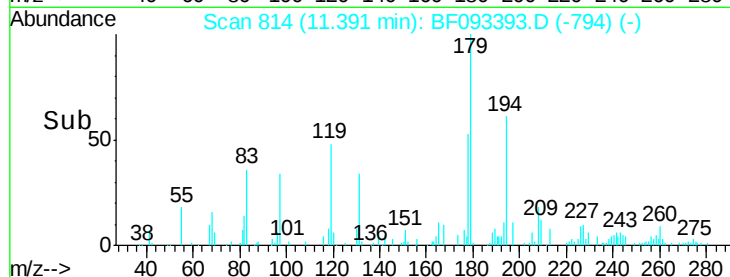
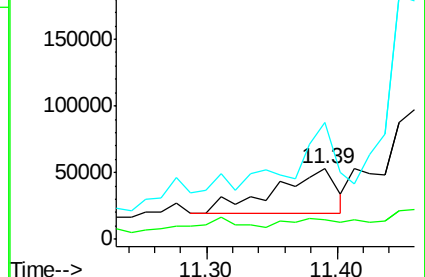
179 166.5 13.2 19.8#



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

Di-n-butylphthalate

Concen: 2.69 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.07 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

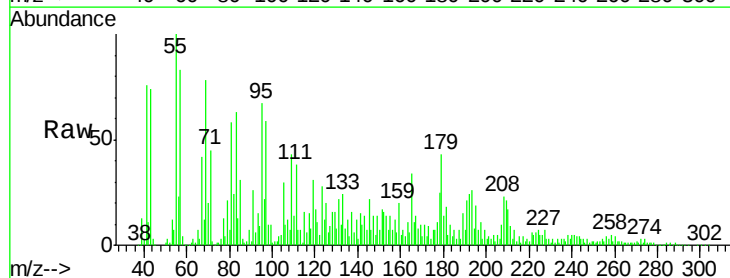
Tgt Ion:149 Resp: 39940

Ion Ratio Lower Upper

149 100

150 51.4 8.1 12.1#

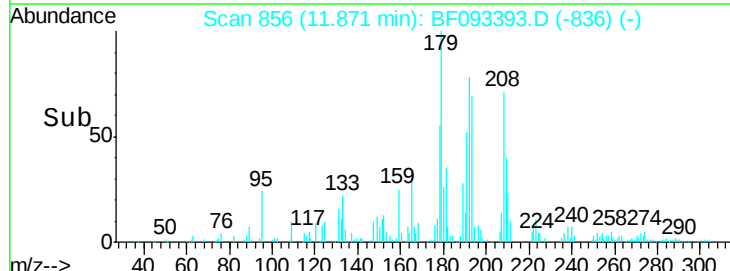
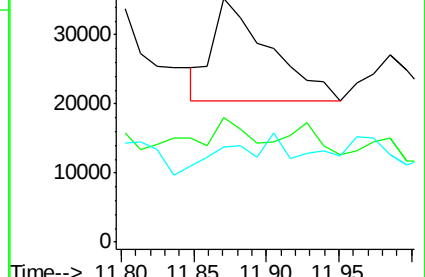
104 39.1 4.6 7.0#

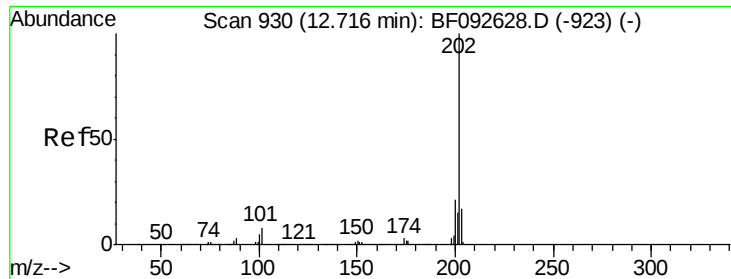


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.82 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

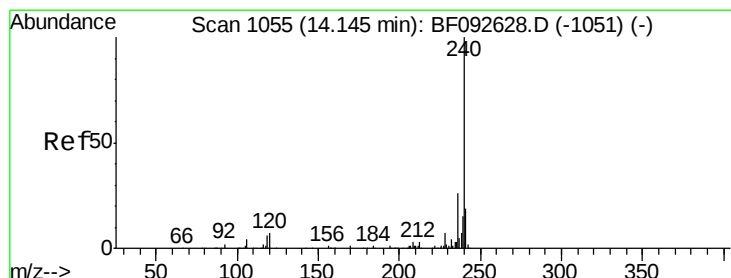
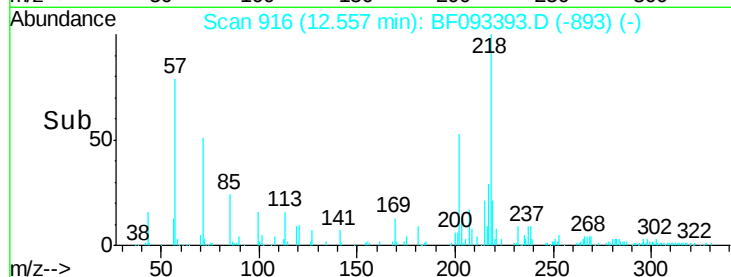
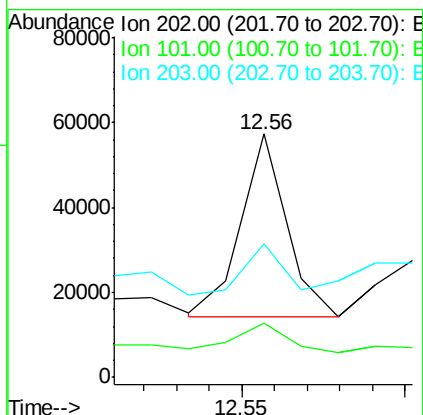
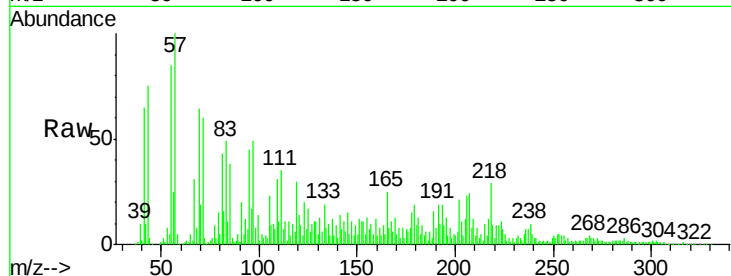
Instrument :

BNA_F

ClientSampleId :

16B-23

Tgt Ion:	202	Resp:	41662
Ion Ratio	Lower	Upper	
202	100		
101	22.1	0.0	34.6
203	54.7	0.0	38.7#



#75

Chrysene-d12

Concen: 20.00 ng

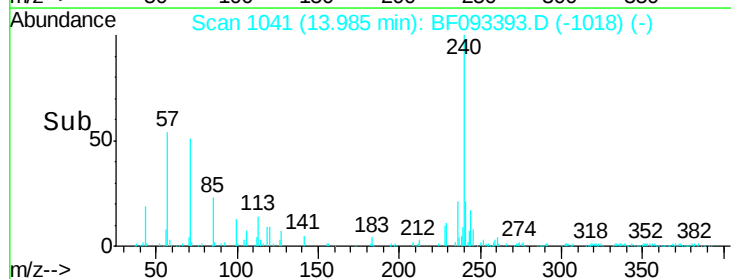
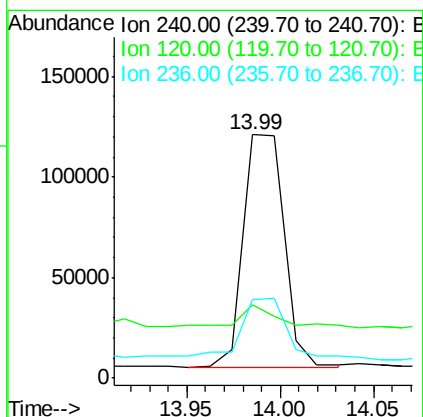
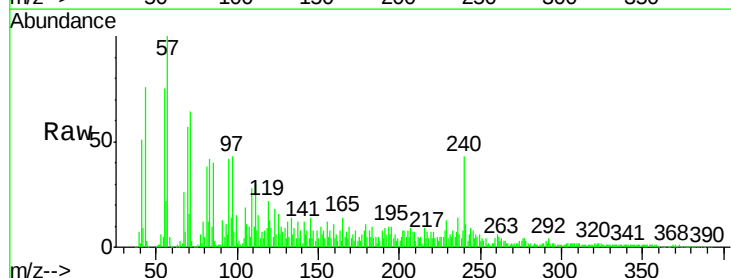
RT: 13.99 min Scan# 1041

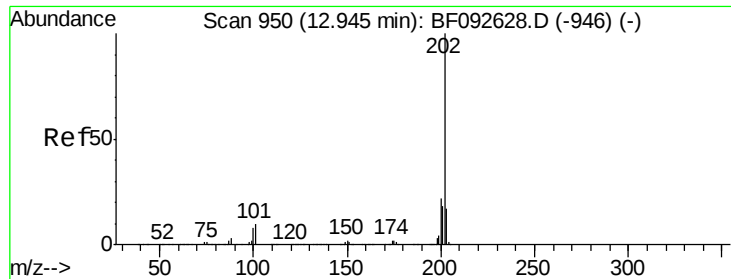
Delta R.T. -0.03 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Tgt Ion:	240	Resp:	175151
Ion Ratio	Lower	Upper	
240	100		
120	30.1	12.9	19.3#
236	32.0	20.9	31.3#

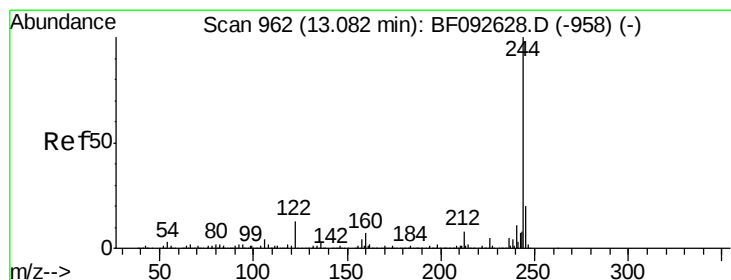
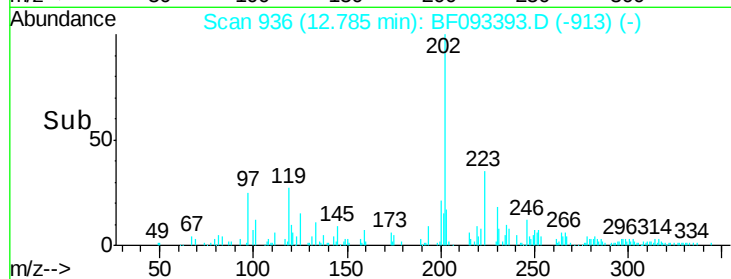
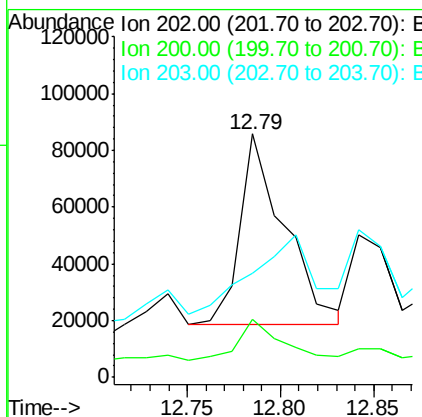
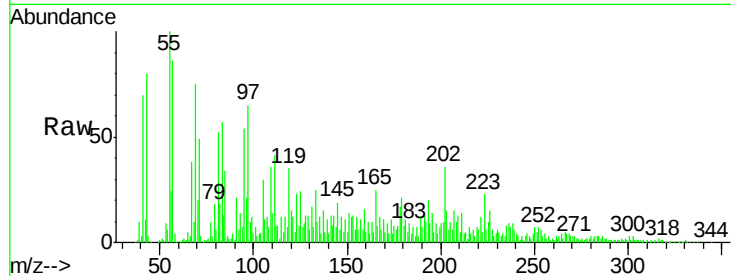




#77
Pyrene
Concen: 8.54 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

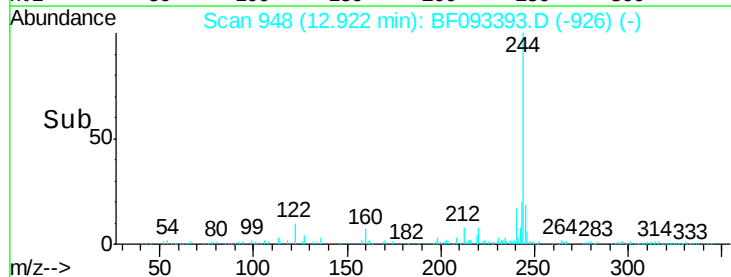
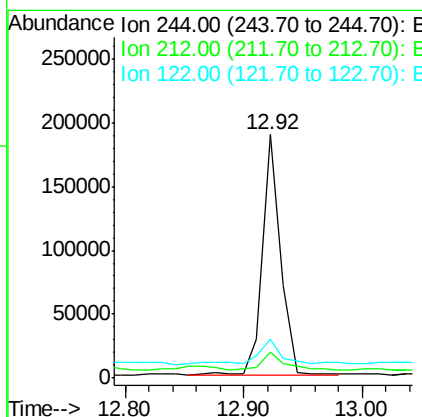
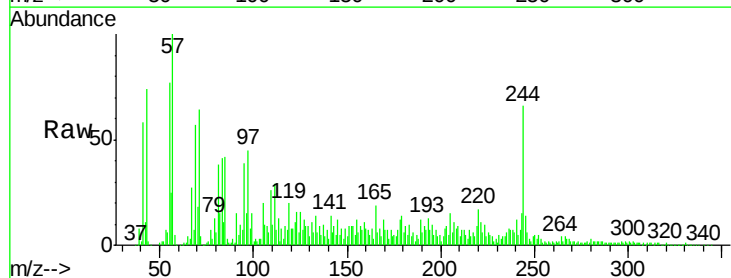
Instrument :
BNA_F
ClientSampleId :
16B-23

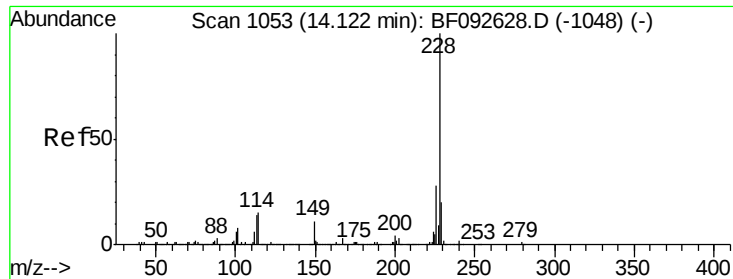
Tgt Ion:202 Resp: 111937
Ion Ratio Lower Upper
202 100
200 24.1 17.7 26.5
203 42.6 14.7 22.1#



#78
Terphenyl-d14
Concen: 27.35 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion:244 Resp: 203904
Ion Ratio Lower Upper
244 100
212 10.8 6.2 9.2#
122 15.9 11.4 17.2





#80

Benzo(a)anthracene

Concen: 12.51 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

Instrument :

BNA_F

ClientSampleId :

16B-23

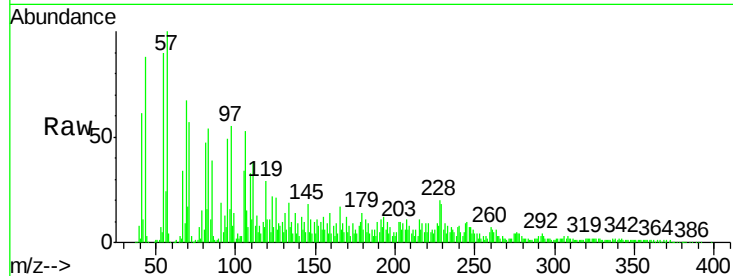
Tgt Ion:228 Resp: 133995

Ion Ratio Lower Upper

228 100

226 45.6 22.4 33.6#

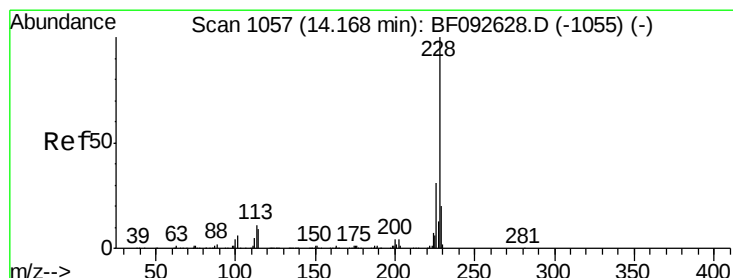
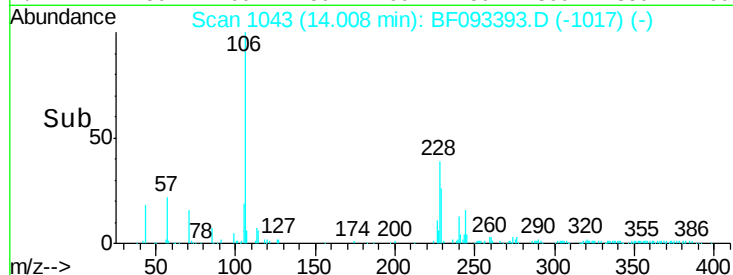
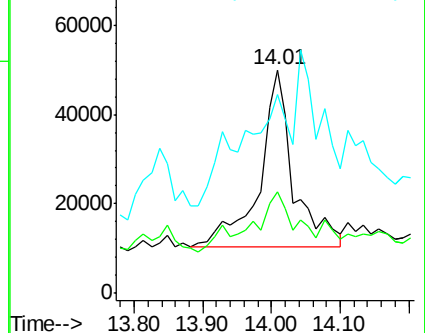
229 88.8 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 13.68 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093393.D

Acq: 4 Mar 2017 8:54

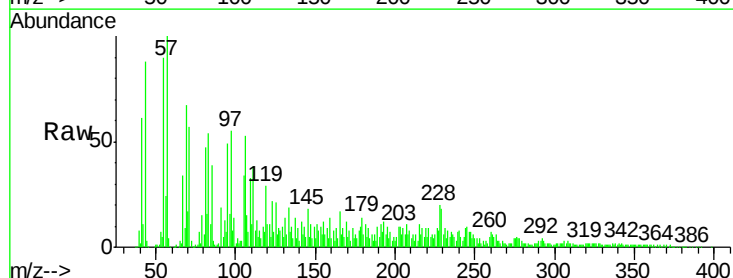
Tgt Ion:228 Resp: 137161

Ion Ratio Lower Upper

228 100

226 45.6 25.4 38.0#

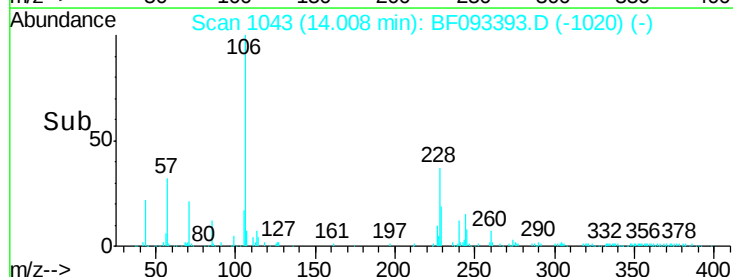
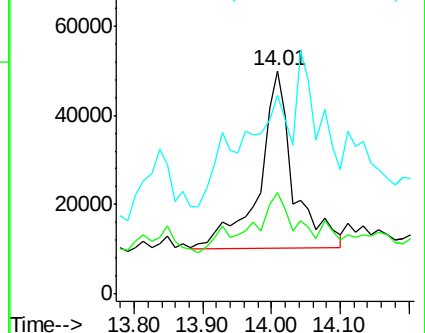
229 88.8 16.2 24.2#

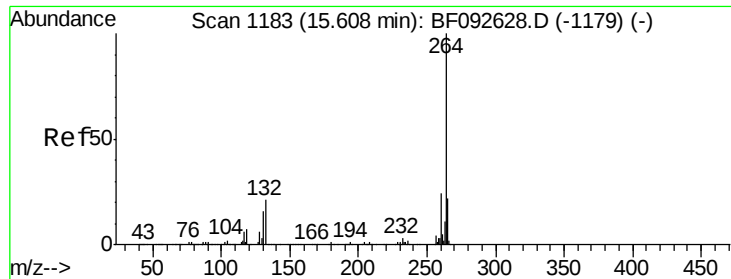


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

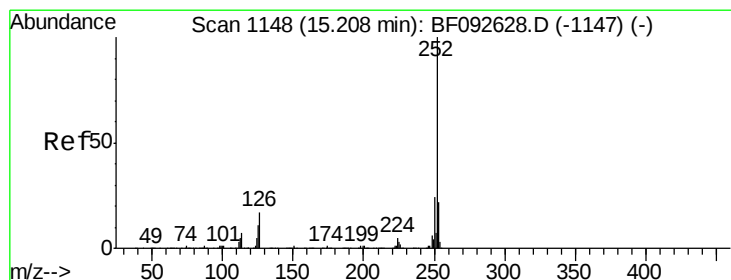
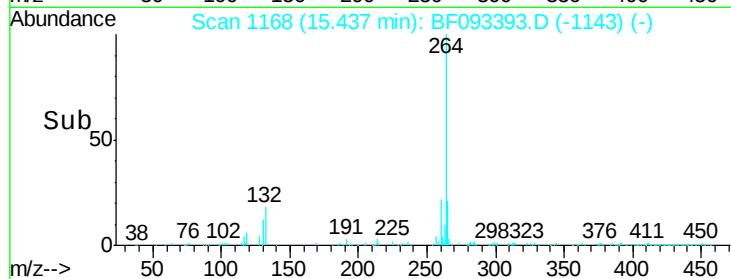
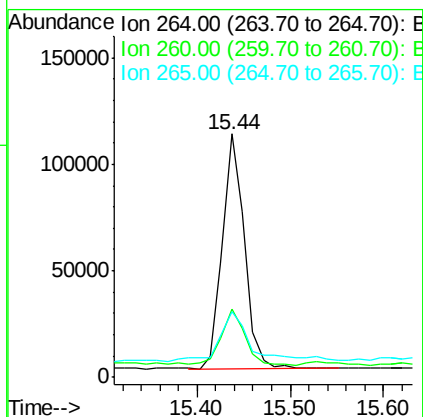
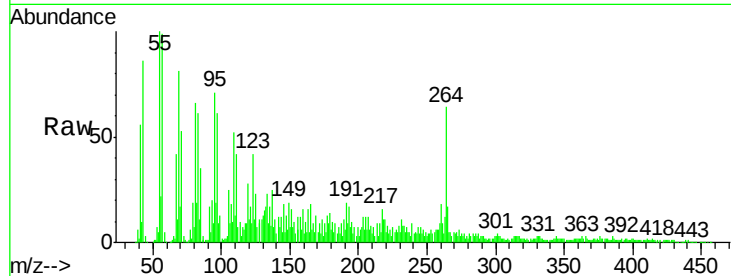




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Instrument :
BNA_F
ClientSampleId :
16B-23

Tgt Ion: 264 Resp: 181420
Ion Ratio Lower Upper
264 100
260 27.9 19.2 28.8
265 26.9 17.4 26.0#



#88
Benzo(k)fluoranthene
Concen: 2.30 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093393.D
Acq: 4 Mar 2017 8:54

Tgt Ion: 252 Resp: 23712
Ion Ratio Lower Upper
252 100
253 179.8 18.5 27.7#
125 319.4 8.9 13.3#

