

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093353.D
 Acq On : 3 Mar 2017 10:38
 Operator : SJ/MA
 Sample : I2056-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14B-24

Quant Time: Mar 03 11:52:16 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	6.80	152	148886	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	549385	20.00	ng	-0.06
38) Acenaphthene-d10	9.86	164	256102	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	377766	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	265205	20.00	ng	-0.03
86) Perylene-d12	15.41	264	263853	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1098954	126.63	ng	-0.07
7) Phenol-d6	6.44	99	1208447	108.22	ng	-0.05
23) Nitrobenzene-d5	7.37	82	785880	79.66	ng	-0.06
41) 2,4,6-Tribromophenol	10.66	330	219742	118.63	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	1093412	77.35	ng	-0.05
78) Terphenyl-d14	12.93	244	742230	65.76	ng	-0.03

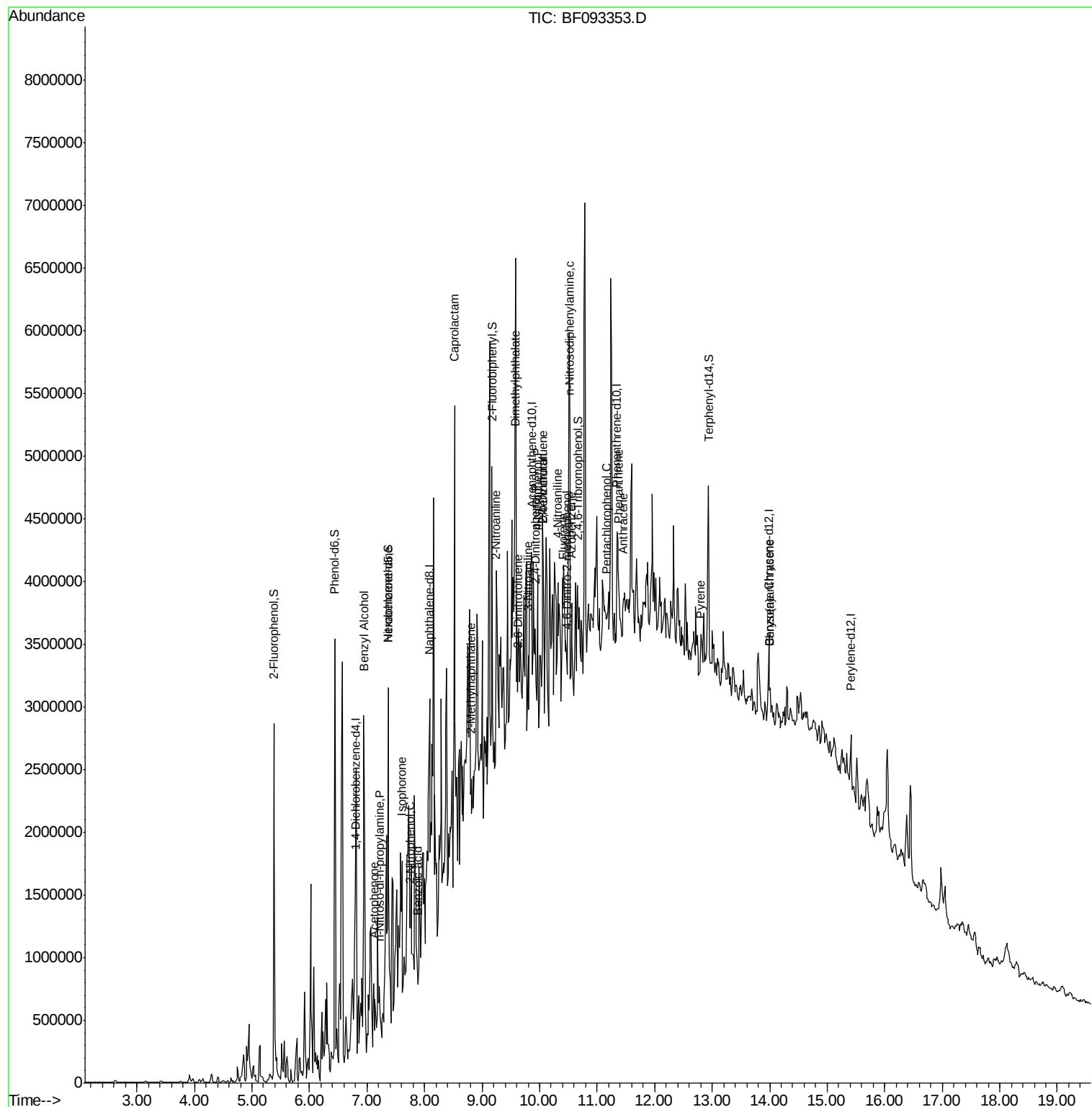
Target Compounds						Qvalue
15) Benzyl Alcohol	6.94	79	18839	2.28	ng	# 46
18) Hexachloroethane	7.37	117	175365	45.26	ng	# 7
19) n-Nitroso-di-n-propylamine	7.22	70	33757	4.75	ng	# 63
22) Acetophenone	7.12	105	88247	7.04	ng	# 81
25) Isophorone	7.61	82	84189	4.58	ng	# 1
26) 2-Nitrophenol	7.76	139	16613	3.45	ng	# 18
32) Benzoic acid	7.87	122	10539	9.04	ng	# 36
35) Caprolactam	8.52	113	101466	40.90	ng	# 1
37) 2-Methylnaphthalene	8.81	142	217599	12.17	ng	97
47) 2-Nitroaniline	9.24	65	23220	4.76	ng	95
49) Dimethylphthalate	9.57	163	173310	10.05	ng	# 95
50) 2,6-Dinitrotoluene	9.62	165	7519	2.02	ng	# 82
52) 3-Nitroaniline	9.80	138	24191	5.67	ng	# 34
53) 2,4-Dinitrophenol	9.93	184	1298	5.38	ng	# 1
54) Dibenzofuran	10.06	168	40352	2.01	ng	# 1
55) 4-Nitrophenol	9.96	139	29638	9.65	ng	# 16
56) 2,4-Dinitrotoluene	10.06	165	28231	5.69	ng	# 63
57) Fluorene	10.41	166	138907	9.01	ng	# 79
61) 4-Nitroaniline	10.32	138	19139	4.38	ng	83
62) Azobenzene	10.56	77	37704	2.24	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.48	198	2940	3.88	ng	# 1
65) n-Nitrosodiphenylamine	10.52	169	193179	16.01	ng	# 47
69) Pentachlorophenol	11.16	266	1685	7.96	ng	# 32
70) Phenanthrene	11.37	178	271366	12.54	ng	# 92
71) Anthracene	11.46	178	110508	5.08	ng	# 1
77) Pyrene	12.80	202	57131	2.88	ng	# 67
80) Benzo(a)anthracene	14.00	228	68794	4.24	ng	# 39
82) Chrysene	14.00	228	68794	4.53	ng	# 46

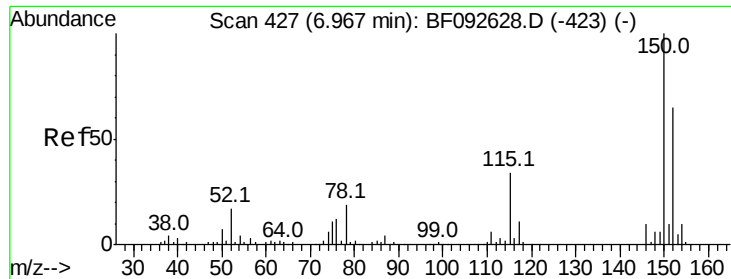
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

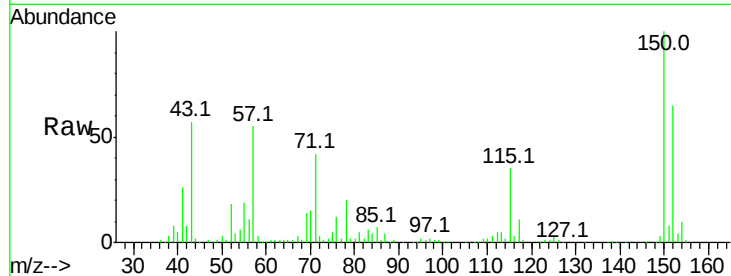
Tot Ion:152 Resp: 148886

Ion Ratio Lower Upper

152 100

150 152.8 124.9 187.3

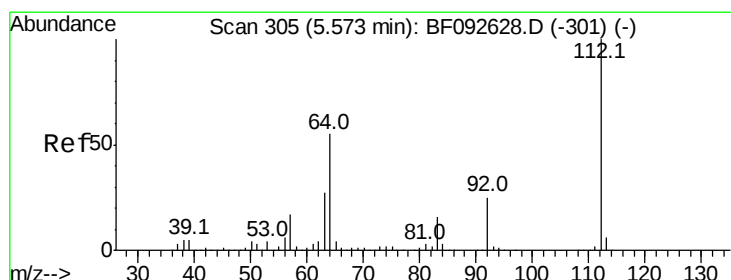
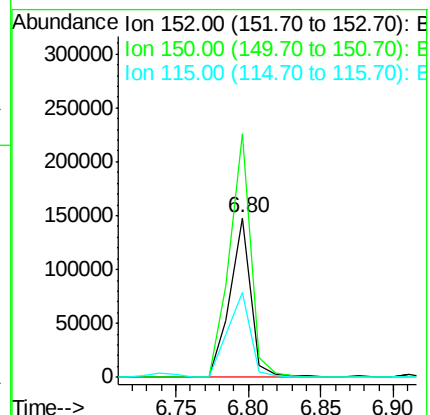
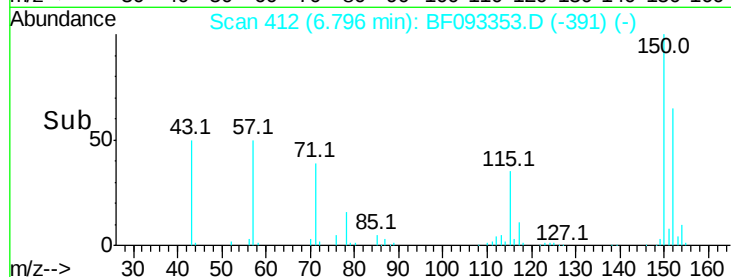
115 53.2 46.0 69.0



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: 126.63 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

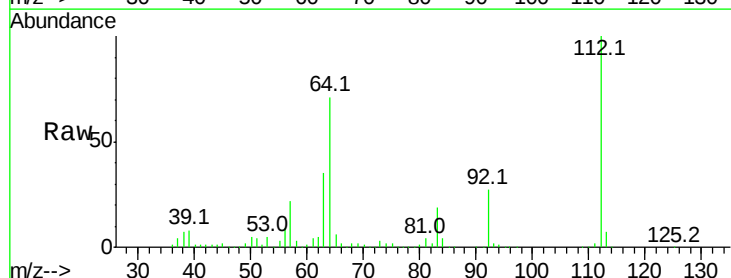
Tgt Ion:112 Resp: 1098954

Ion Ratio Lower Upper

112 100

64 70.8 46.1 69.1#

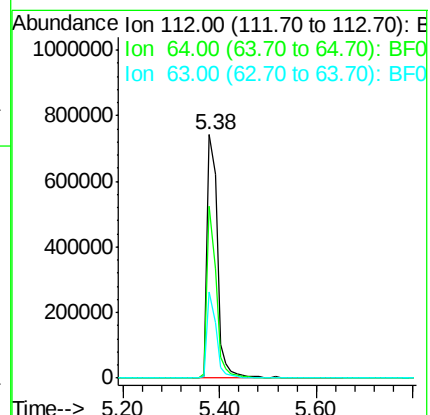
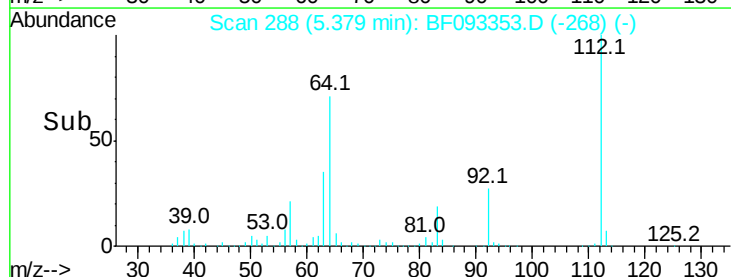
63 35.2 23.8 35.6

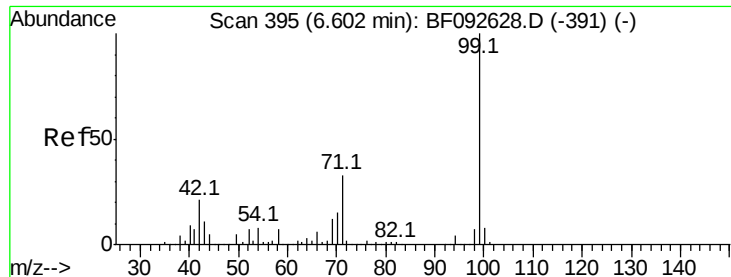


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.22 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampled :

14B-24

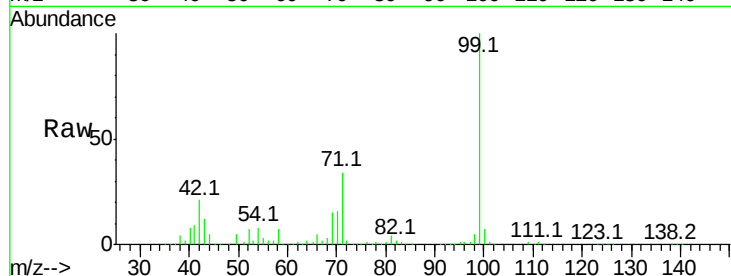
Tot Ion: 99 Resp: 1208447

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

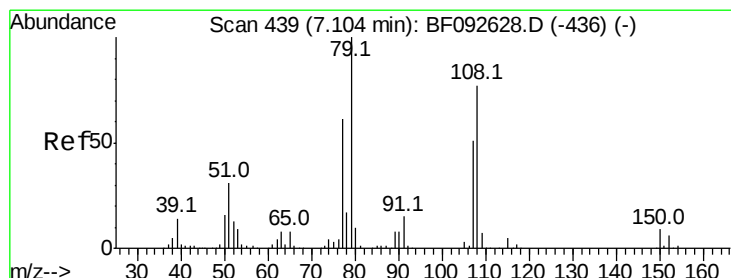
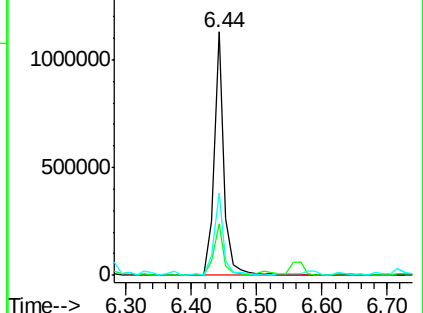
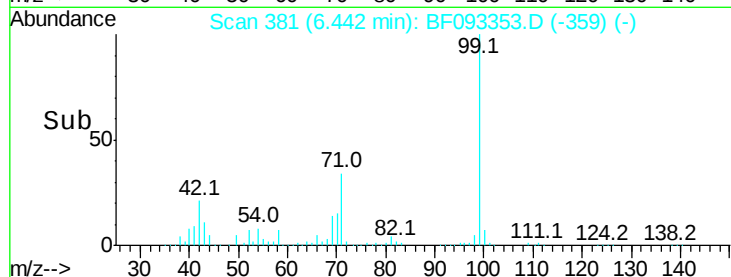
71 33.7 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

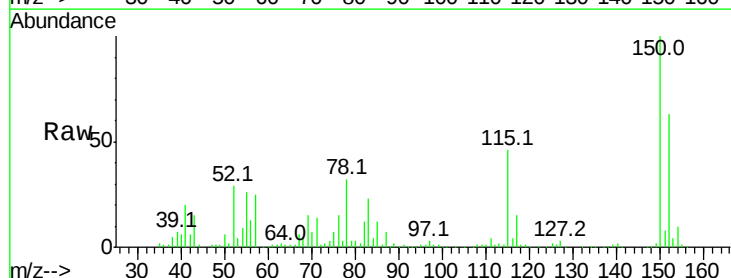
Tgt Ion: 79 Resp: 18839

Ion Ratio Lower Upper

79 100

108 19.4 61.4 92.0#

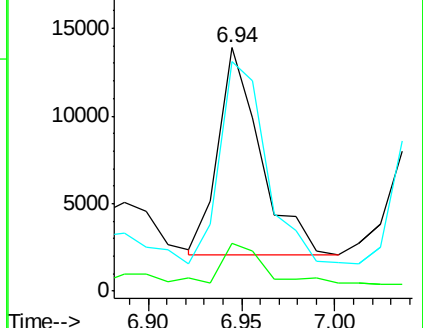
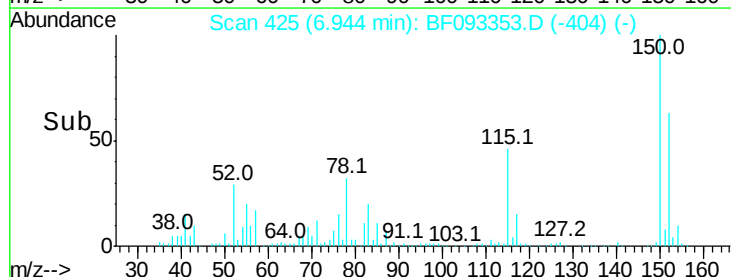
77 94.5 50.9 76.3#

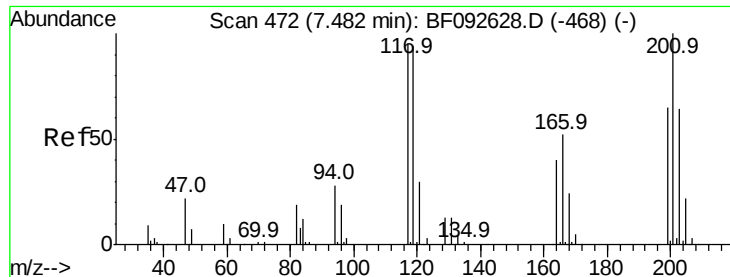


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

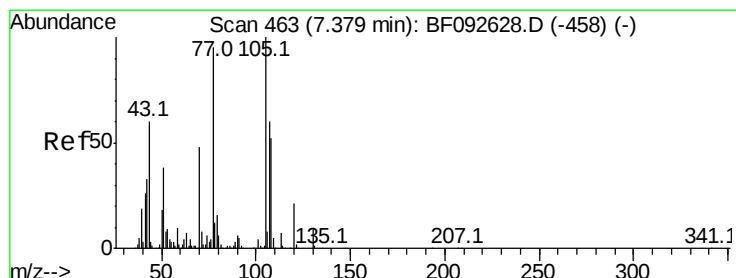
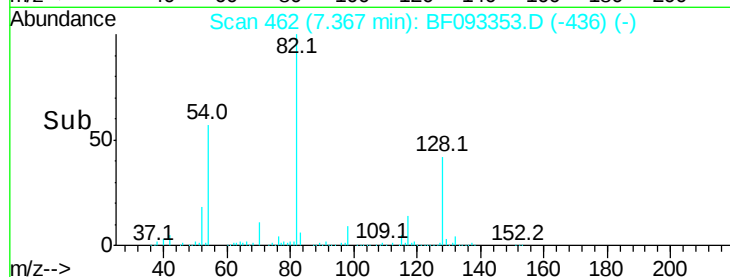
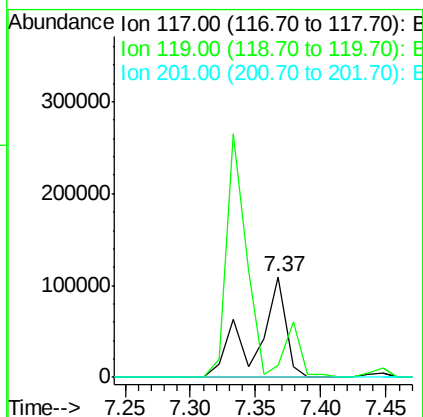
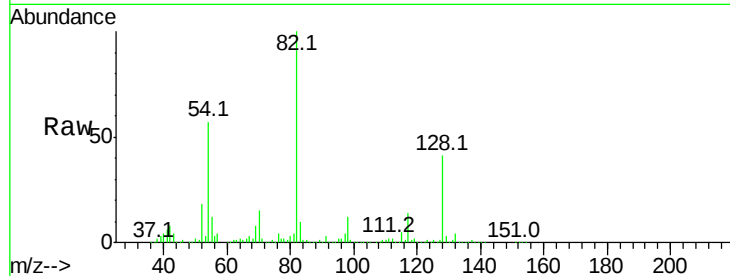




#18
Hexachloroethane
Concen: 45.26 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

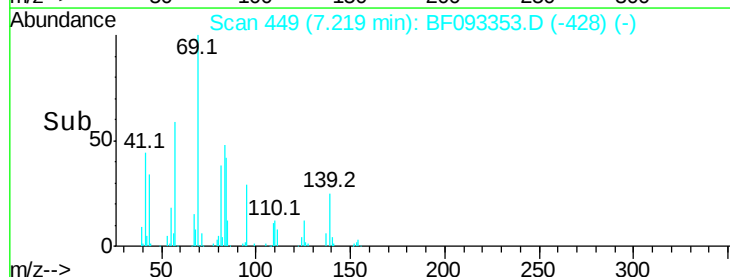
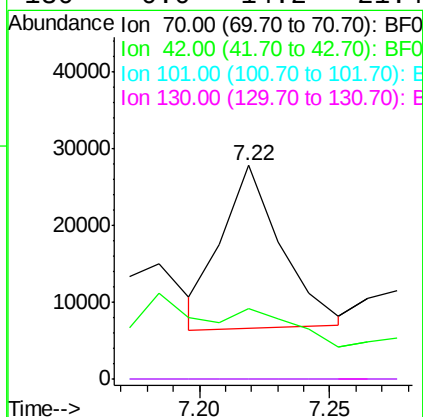
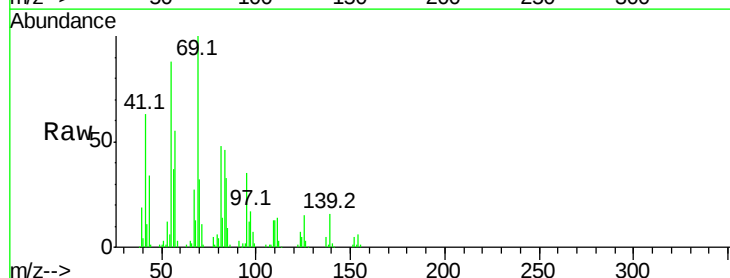
Instrument :
BNA_F
ClientSampled :
14B-24

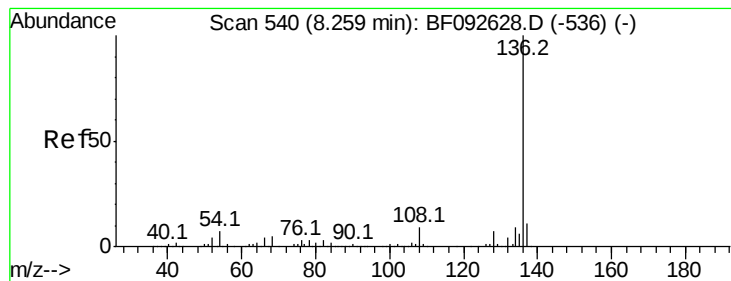
Tot Ion:117 Resp: 175365
Ion Ratio Lower Upper
117 100
119 11.9 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 4.75 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion: 70 Resp: 33757
Ion Ratio Lower Upper
70 100
42 32.8 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: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

Tot Ion:136 Resp: 549385

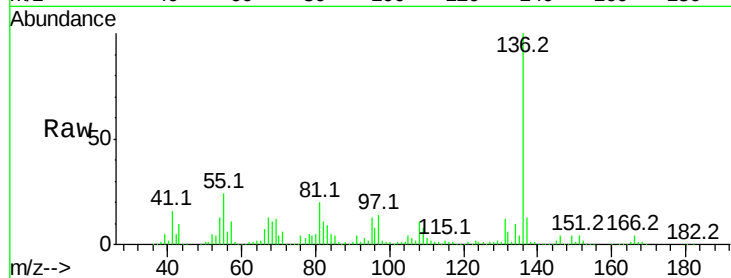
Ion Ratio Lower Upper

136 100

137 12.5 8.4 12.6

54 13.0 4.5 6.7#

68 10.7 3.6 5.4#

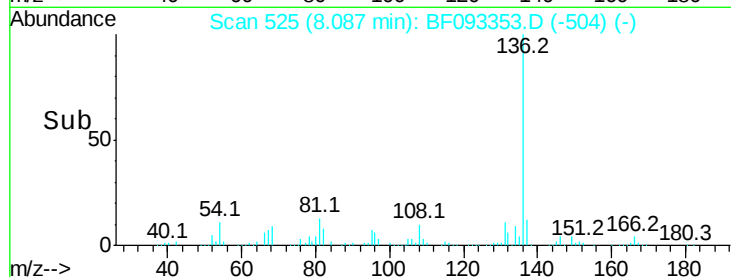


Abundance Ion 136.00 (135.70 to 136.70): E

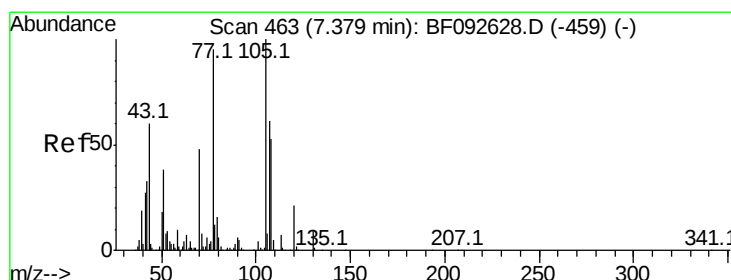
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15 8.20



#22

Acetophenone

Concen: 7.04 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.15 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Tgt Ion:105 Resp: 88247

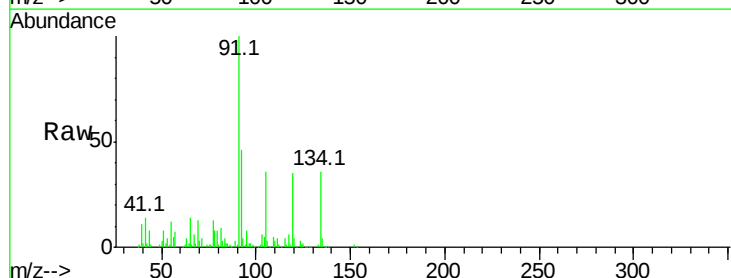
Ion Ratio Lower Upper

105 100

71 9.9 3.2 4.8#

51 23.6 26.2 39.4#

120 10.3 16.6 24.8#

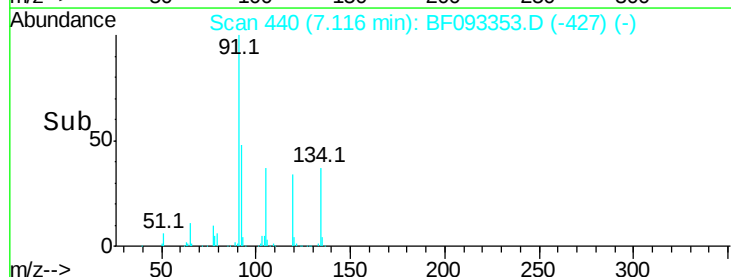


Abundance Ion 105.00 (104.70 to 105.70): E

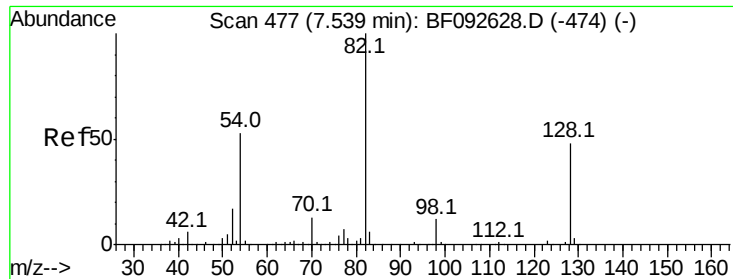
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



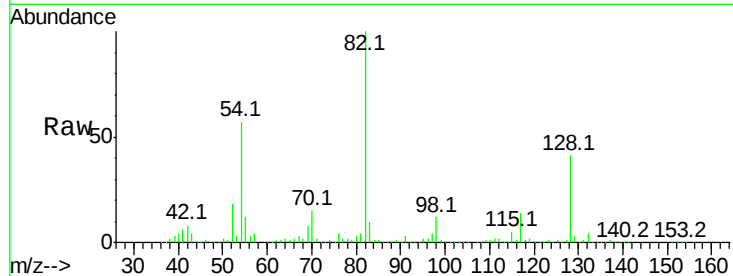
Time--> 7.10 7.15 7.20



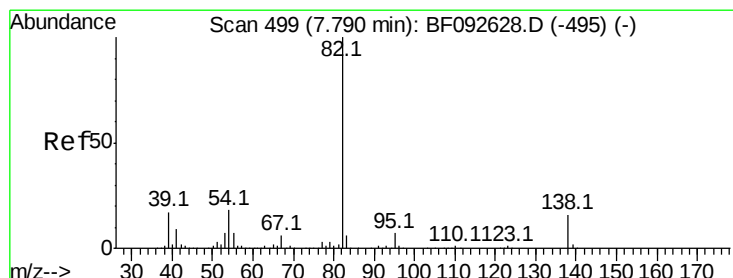
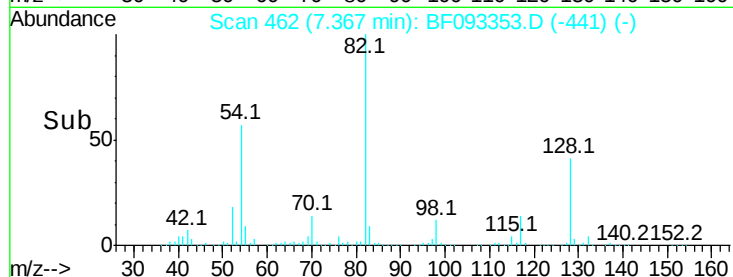
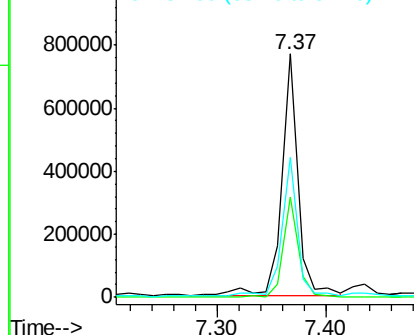
#23
Nitrobenzene-d5
Concen: 79.66 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Instrument :
BNA_F
ClientSampleId :
14B-24

Tot Ion: 82 Resp: 785880
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 57.2 39.5 59.3

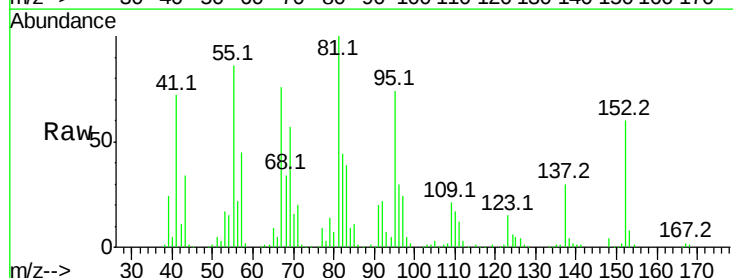


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

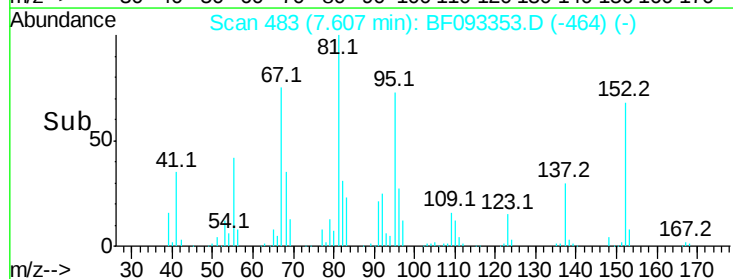
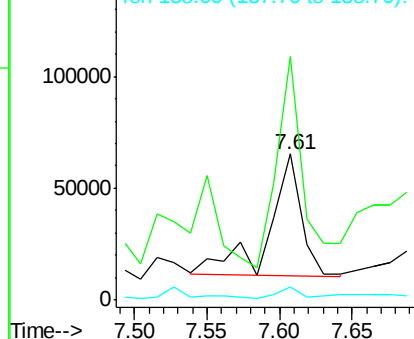


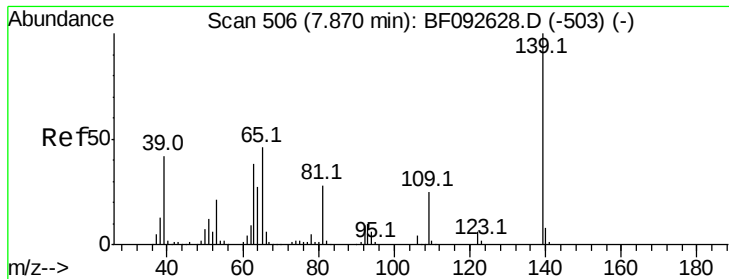
#25
Isophorone
Concen: 4.58 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.08 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion: 82 Resp: 84189
Ion Ratio Lower Upper
82 100
95 166.6 5.6 8.4#
138 8.8 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 3.45 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampled :

14B-24

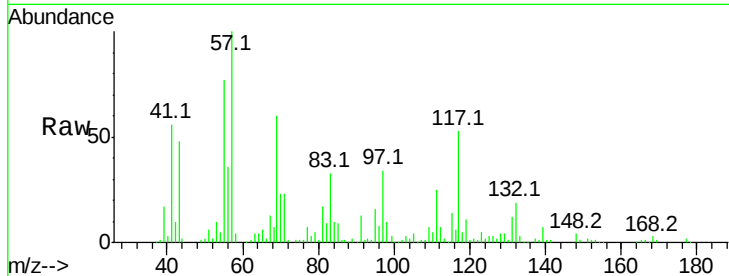
Tot Ion:139 Resp: 16613

Ion Ratio Lower Upper

139 100

109 96.5 23.3 34.9#

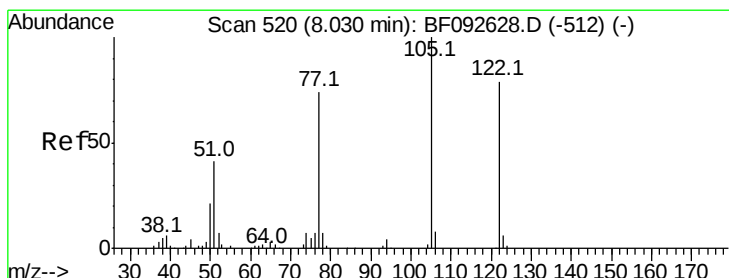
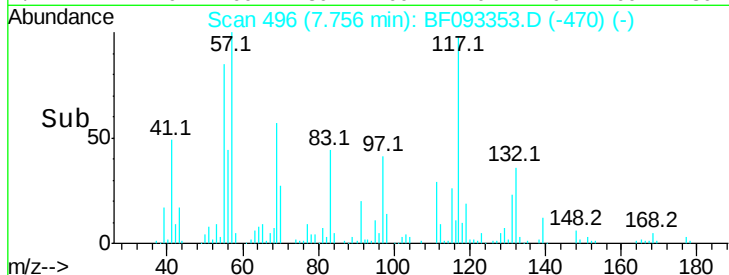
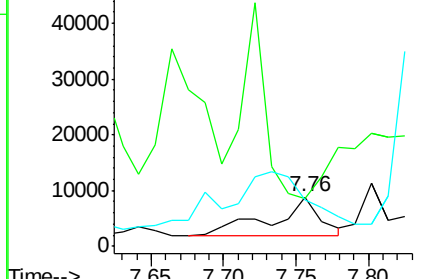
65 94.5 42.7 64.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#32

Benzoic acid

Concen: 9.04 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

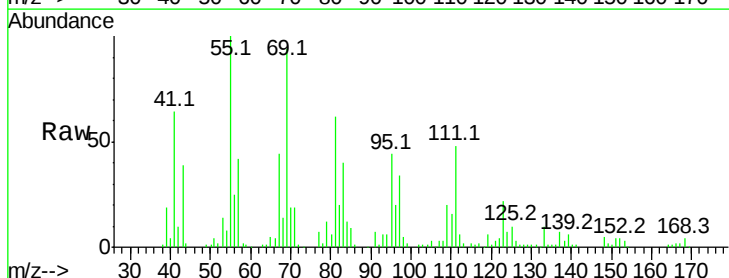
Tgt Ion:122 Resp: 10539

Ion Ratio Lower Upper

122 100

105 66.1 107.2 147.2#

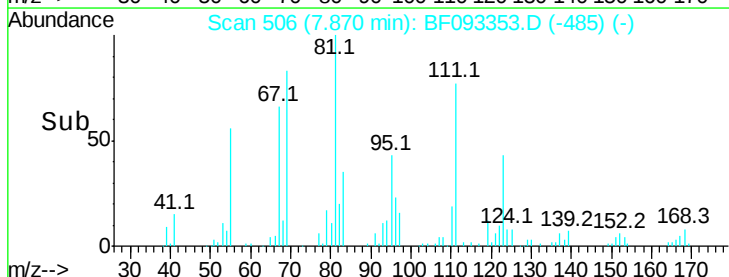
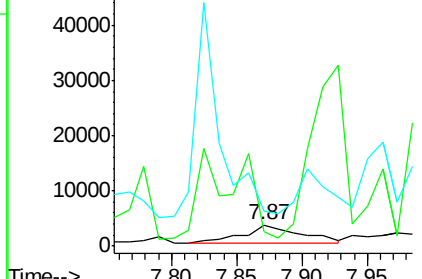
77 169.8 74.5 114.5#

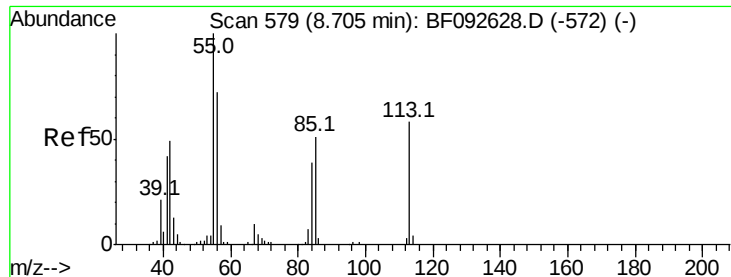


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 40.90 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.07 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

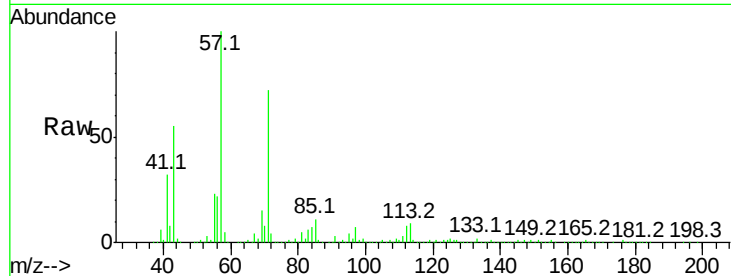
Tot Ion:113 Resp: 101466

Ion Ratio Lower Upper

113 100

55 264.8 119.2 159.2#

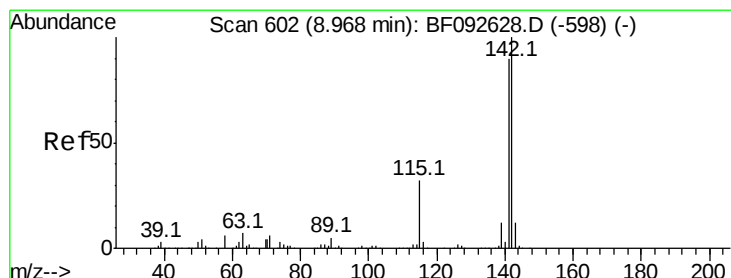
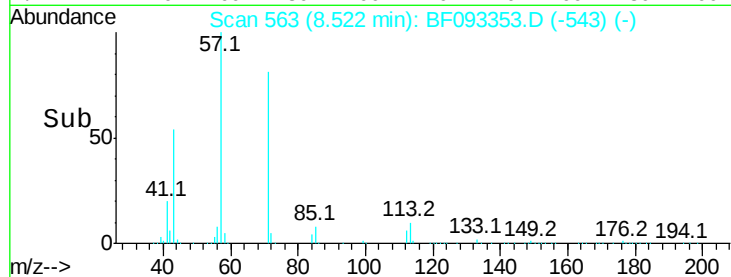
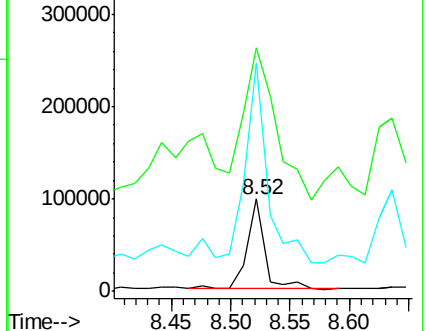
56 248.6 83.8 123.8#



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: 12.17 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

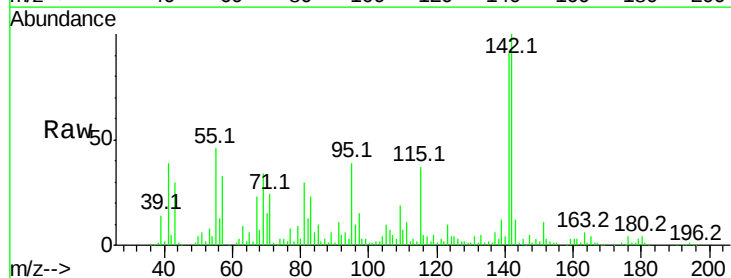
Tgt Ion:142 Resp: 217599

Ion Ratio Lower Upper

142 100

141 91.2 71.0 106.6

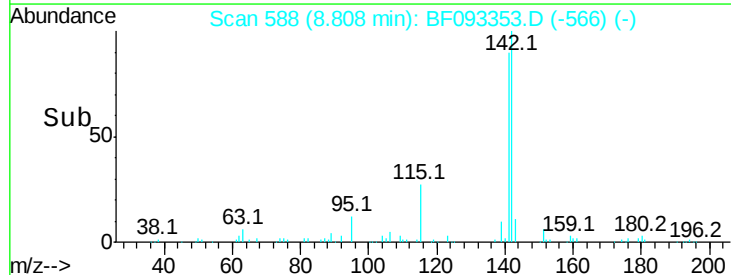
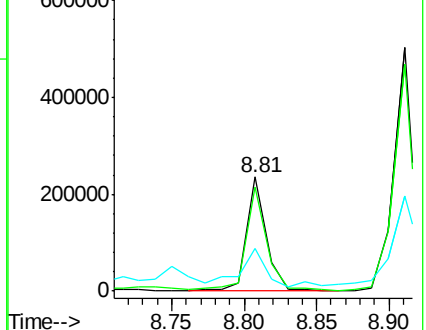
115 37.2 28.3 42.5

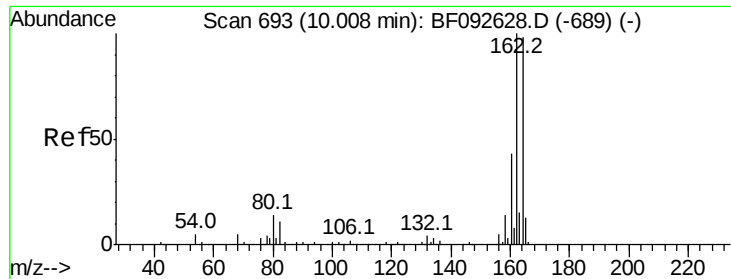


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

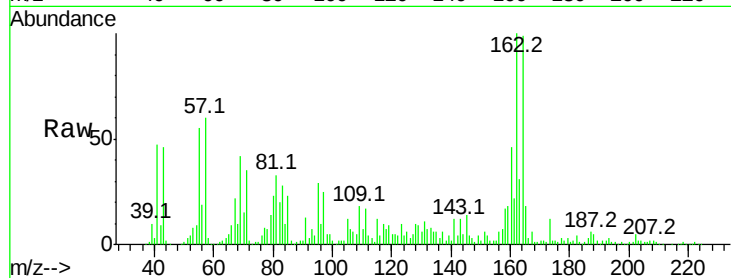




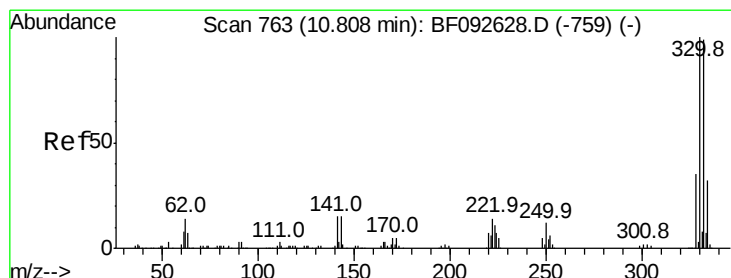
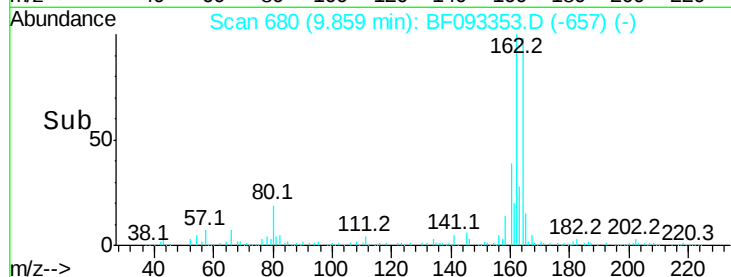
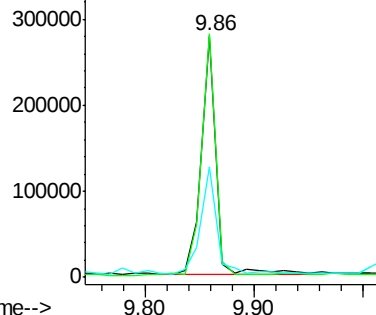
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Instrument :
BNA_F
ClientSampleId :
14B-24

Tot Ion:164 Resp: 256102
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 46.0 36.9 55.3

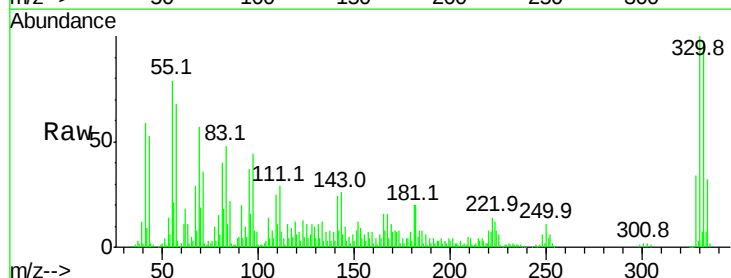


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

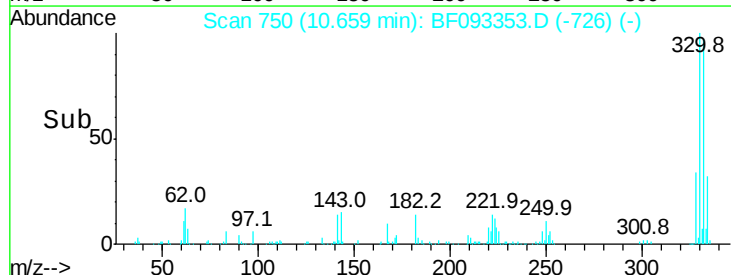
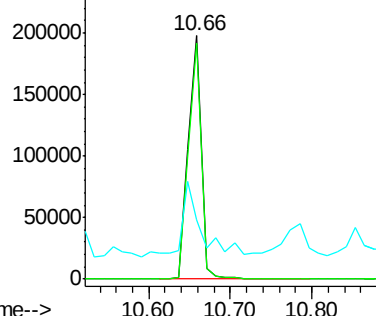


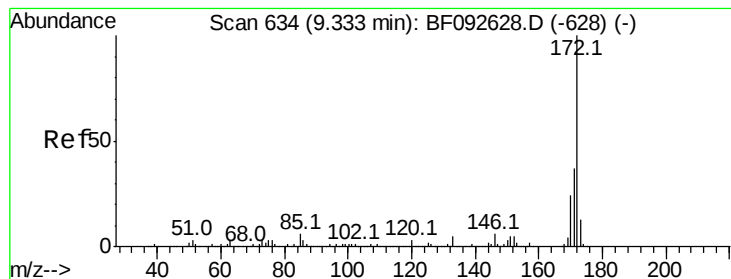
#41
2,4,6-Tribromophenol
Concen: 118.63 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion:330 Resp: 219742
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 48.3 34.1 51.1



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: 77.35 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

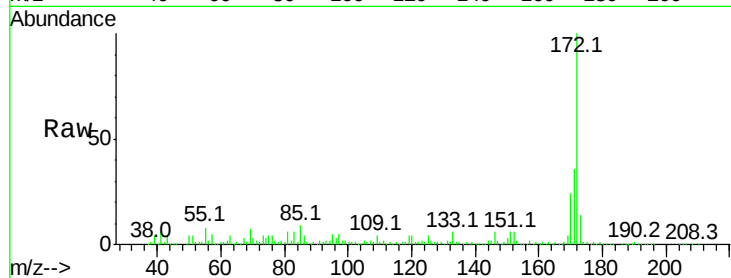
Tot Ion:172 Resp: 1093412

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

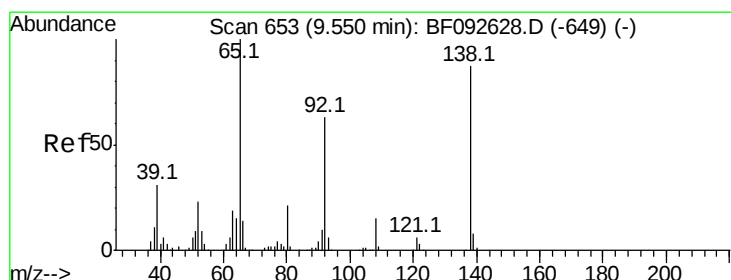
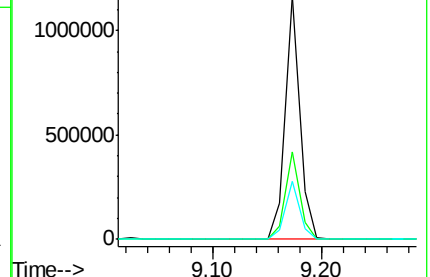
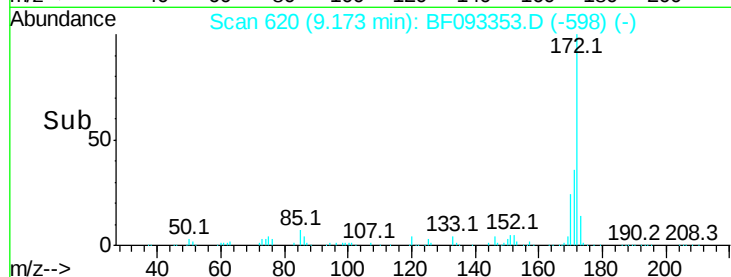
170 24.1 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#47

2-Nitroaniline

Concen: 4.76 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.21 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

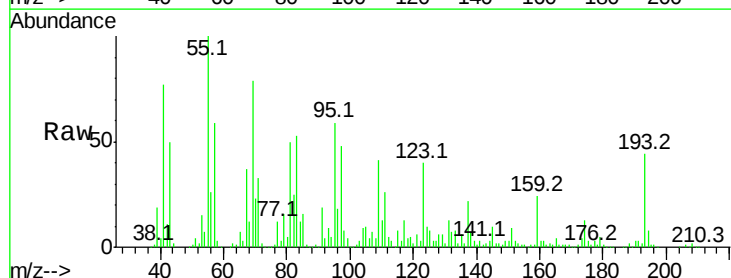
Tgt Ion: 65 Resp: 23220

Ion Ratio Lower Upper

65 100

92 67.1 53.9 80.9

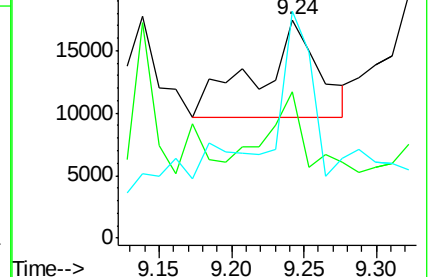
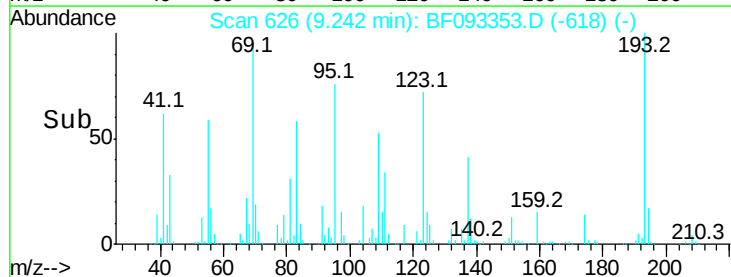
138 103.7 76.8 115.2

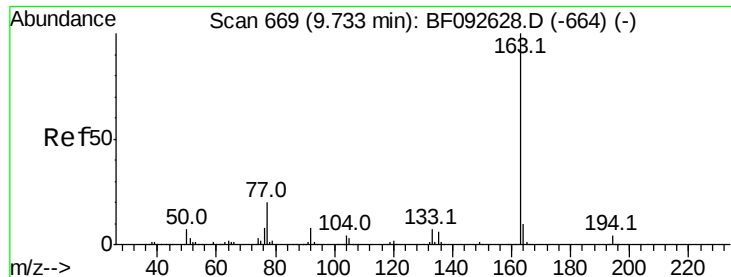


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 10.05 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

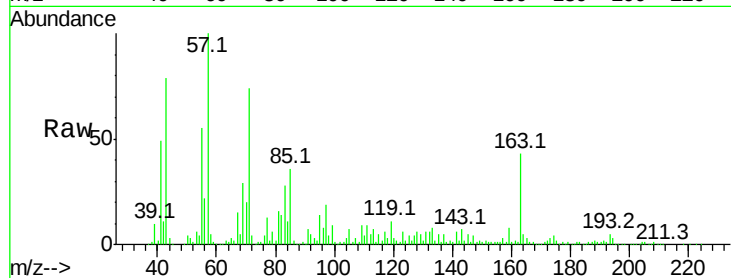
Tot Ion:163 Resp: 173310

Ion Ratio Lower Upper

163 100

194 6.4 3.0 4.4#

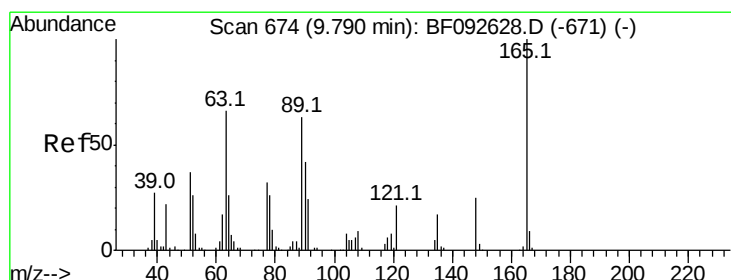
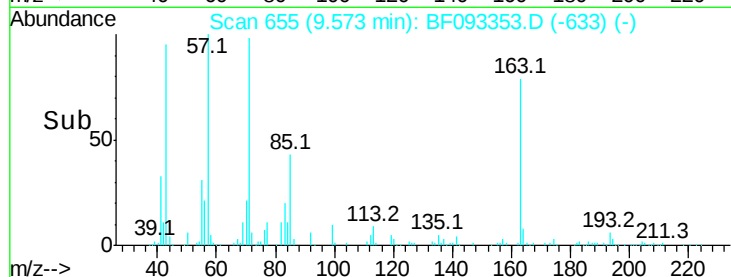
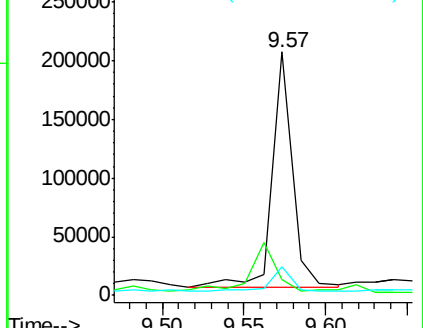
164 11.6 8.0 12.0



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: 2.02 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.07 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

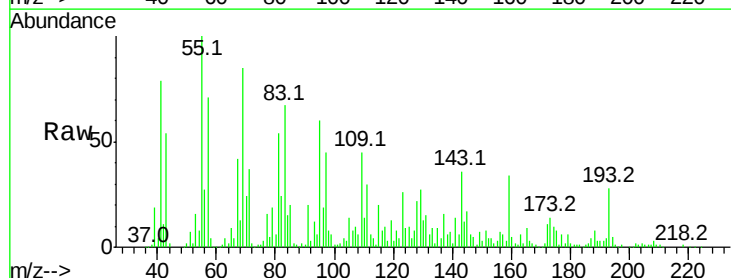
Tgt Ion:165 Resp: 7519

Ion Ratio Lower Upper

165 100

63 46.0 36.2 54.4

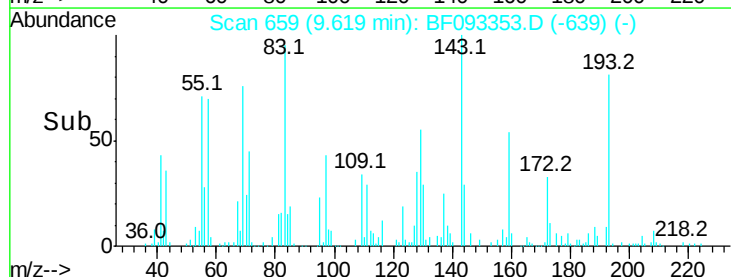
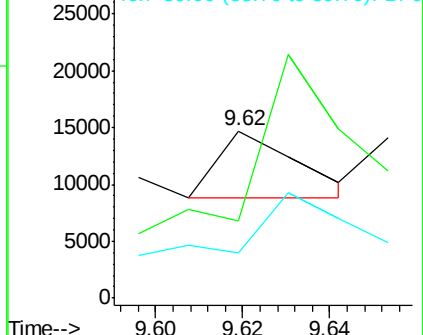
89 27.2 40.2 60.4#

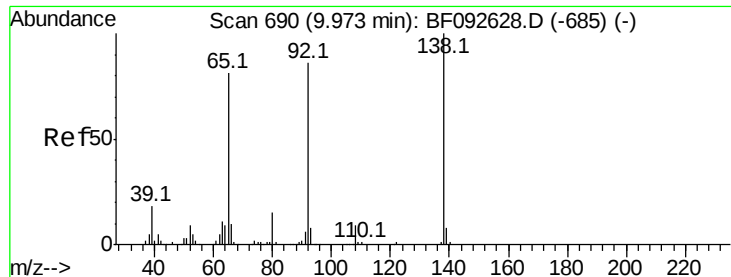


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#52

3-Nitroaniline

Concen: 5.67 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

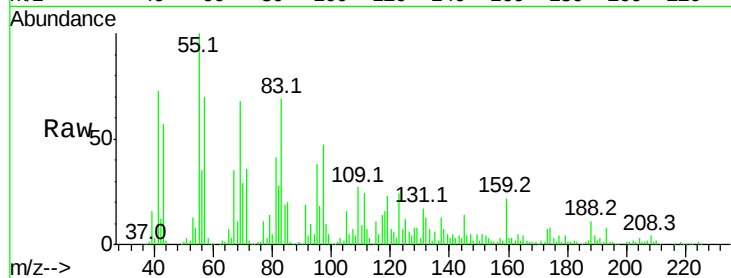
Tot Ion:138 Resp: 24191

Ion Ratio Lower Upper

138 100

108 58.4 8.5 12.7#

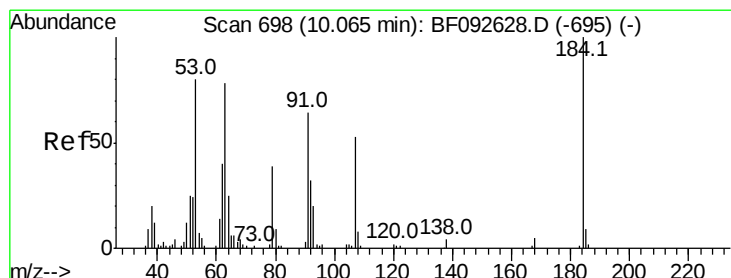
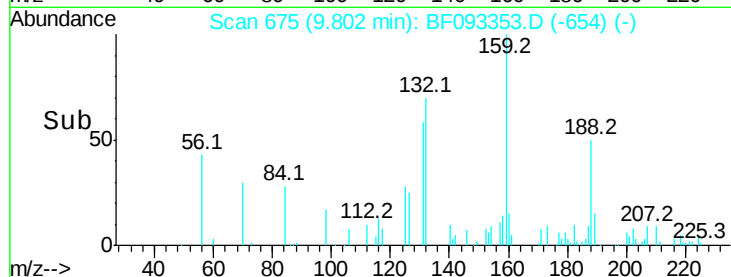
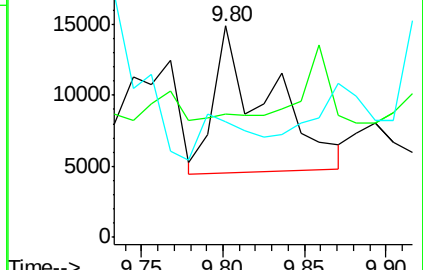
92 54.5 97.8 146.8#



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: 5.38 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

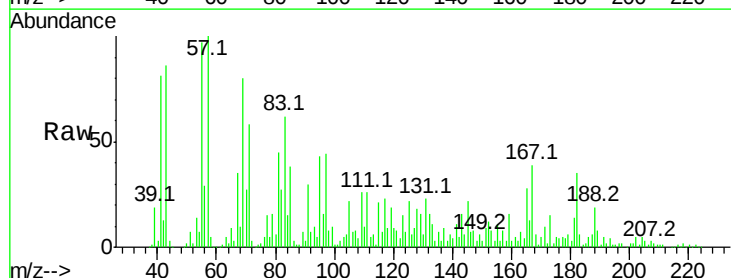
Tgt Ion:184 Resp: 1298

Ion Ratio Lower Upper

184 100

63 753.6 28.4 42.6#

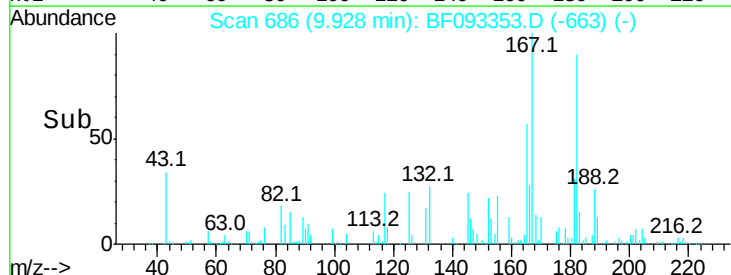
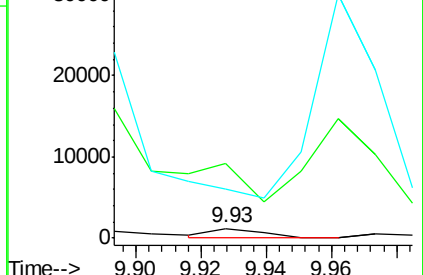
154 495.5 44.3 66.5#

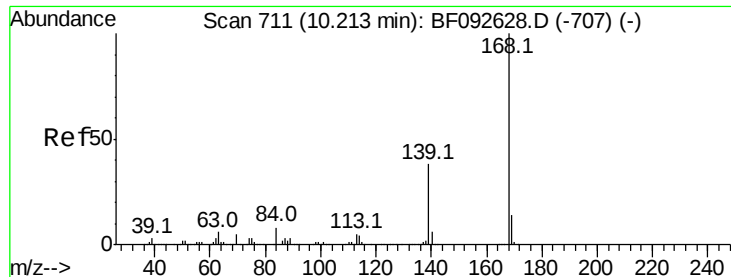


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

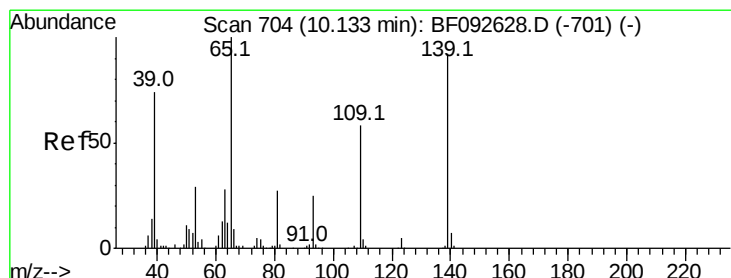
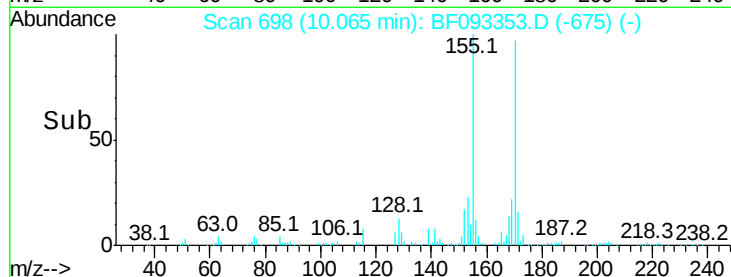
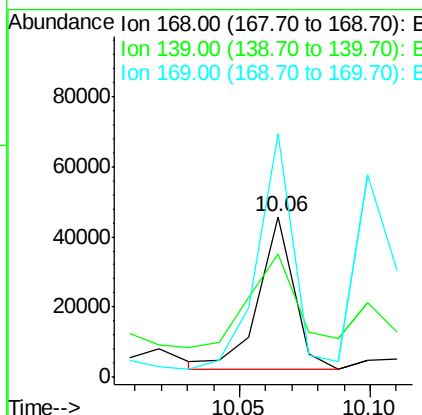
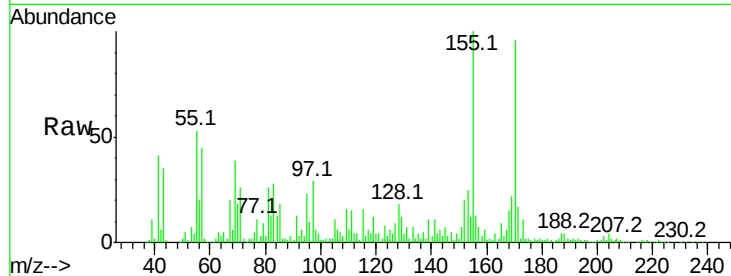




#54
Dibenzofuran
Concen: 2.01 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

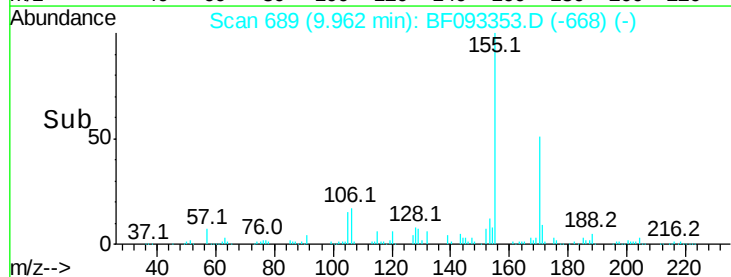
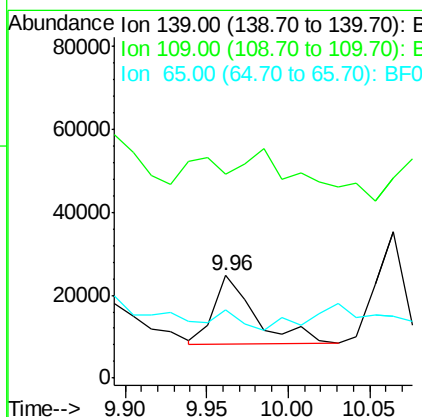
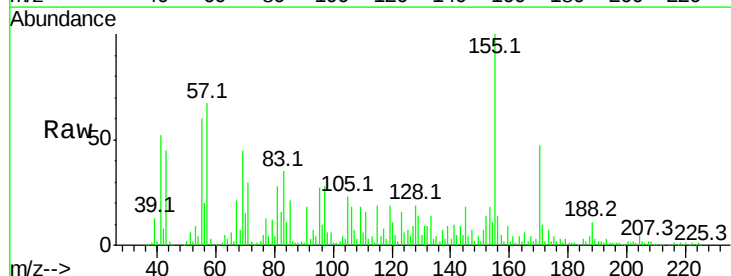
Instrument :
BNA_F
ClientSampleId :
14B-24

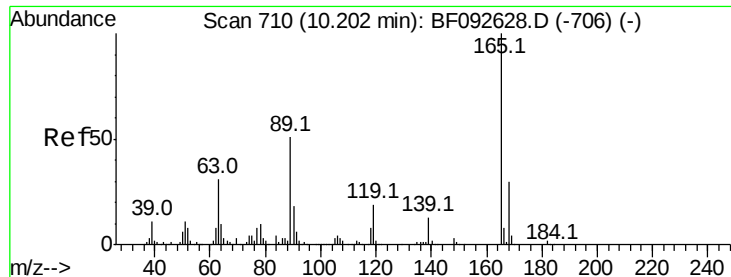
Tot Ion:168 Resp: 40352
Ion Ratio Lower Upper
168 100
139 77.1 32.6 49.0#
169 151.8 11.3 16.9#



#55
4-Nitrophenol
Concen: 9.65 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.06 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion:139 Resp: 29638
Ion Ratio Lower Upper
139 100
109 199.0 52.2 92.2#
65 66.6 85.8 125.8#

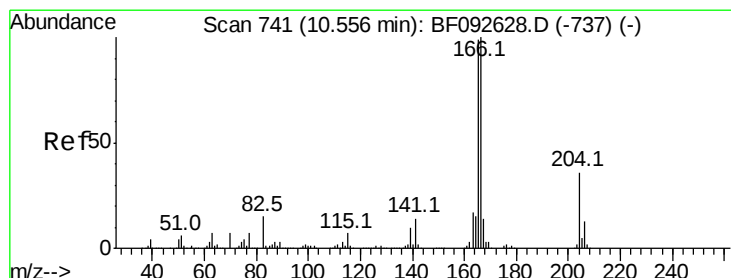
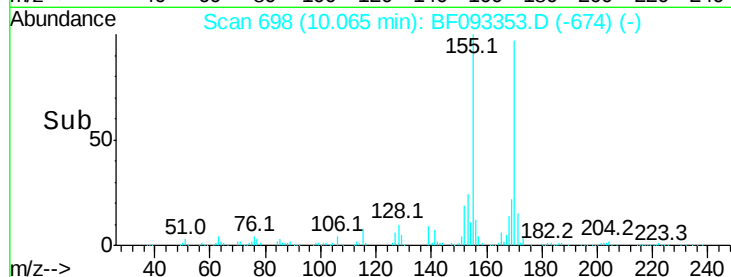
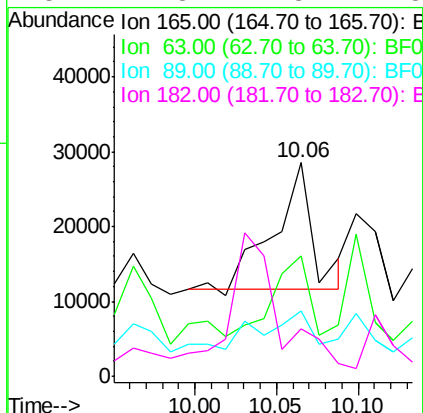
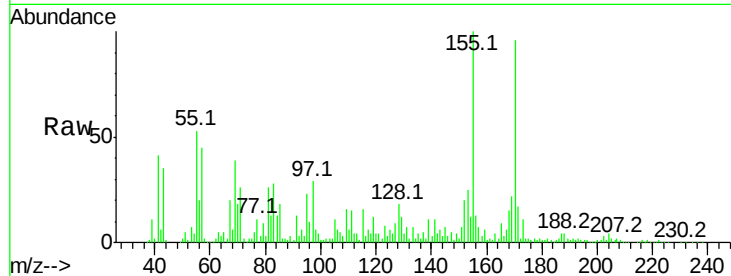




#56
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

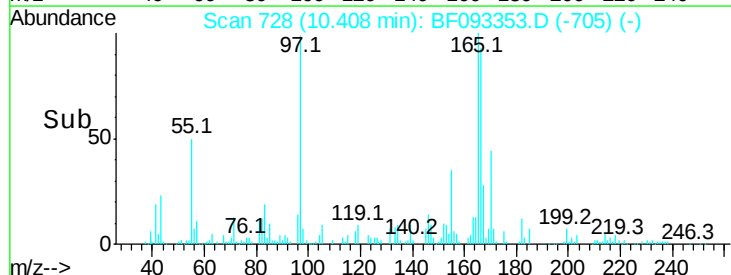
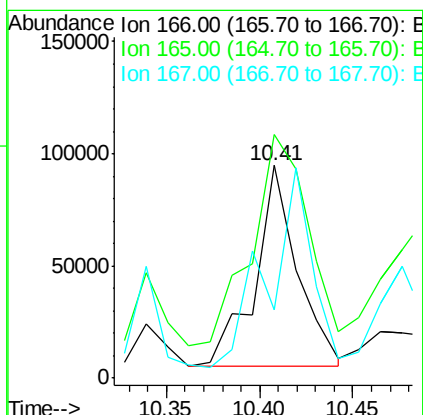
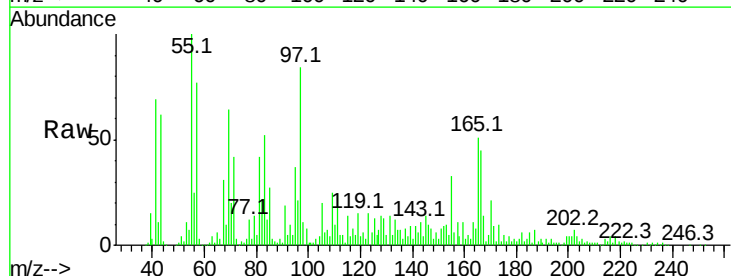
Instrument :
BNA_F
ClientSampleId :
14B-24

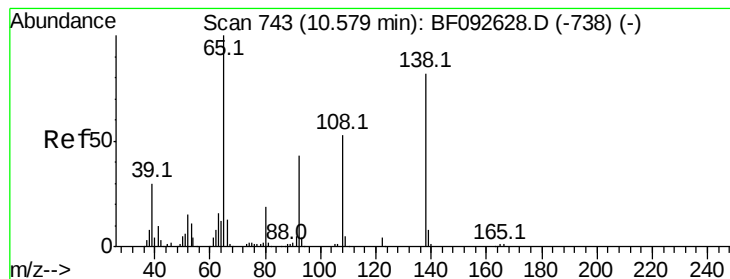
Tot Ion:165 Resp: 28231
Ion Ratio Lower Upper
165 100
63 56.2 40.2 60.4
89 30.5 62.5 93.7#
182 22.3 1.8 2.8#



#57
Fluorene
Concen: 9.01 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion:166 Resp: 138907
Ion Ratio Lower Upper
166 100
165 114.5 77.8 116.8
167 31.9 10.8 16.2#





#61

4-Nitroaniline

Concen: 4.38 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.15 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

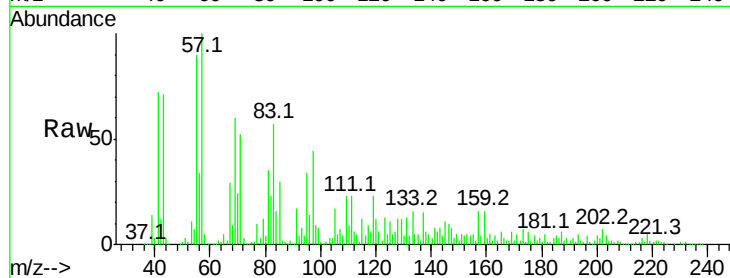
Tot Ion:138 Resp: 19139

Ion Ratio Lower Upper

138 100

92 70.2 31.7 71.7

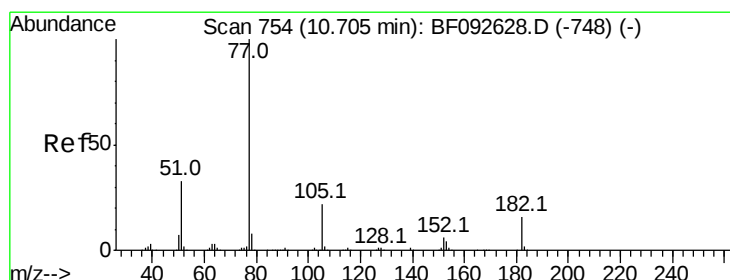
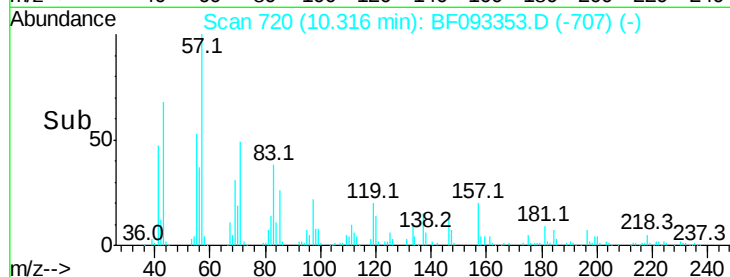
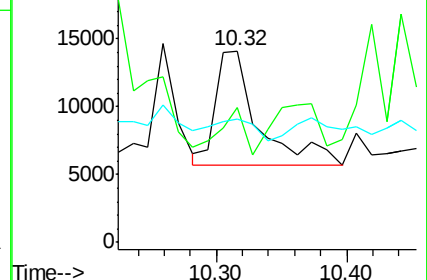
108 64.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.24 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Tgt Ion: 77 Resp: 37704

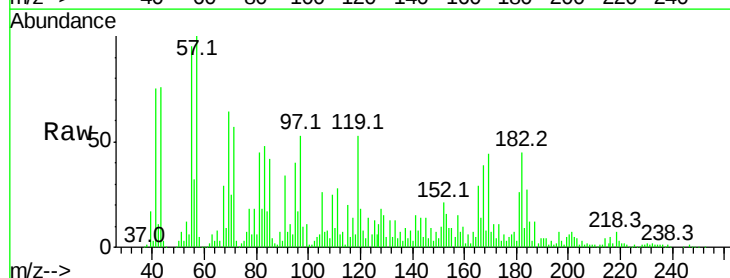
Ion Ratio Lower Upper

77 100

182 257.4 0.0 39.3#

105 146.3 2.3 42.3#

51 42.0 8.9 48.9

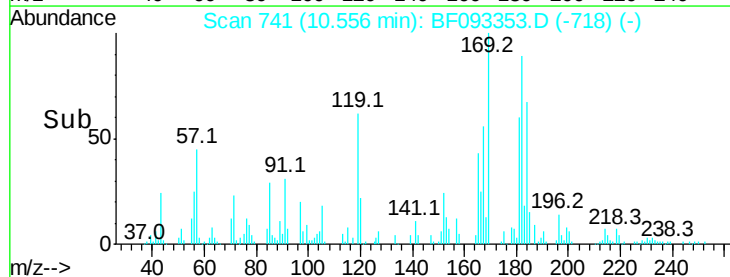
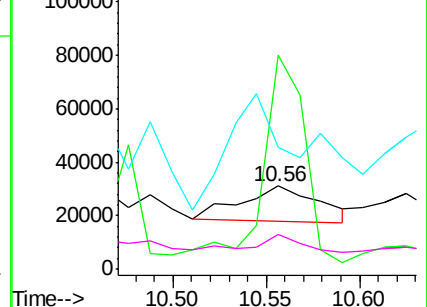


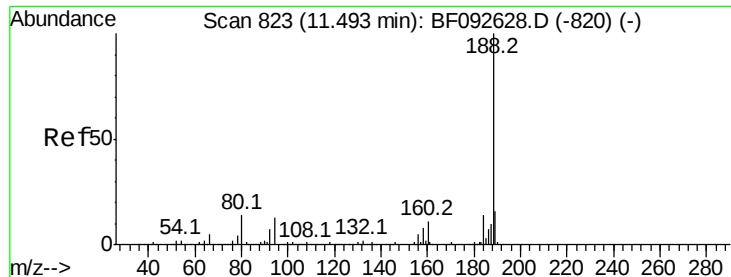
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

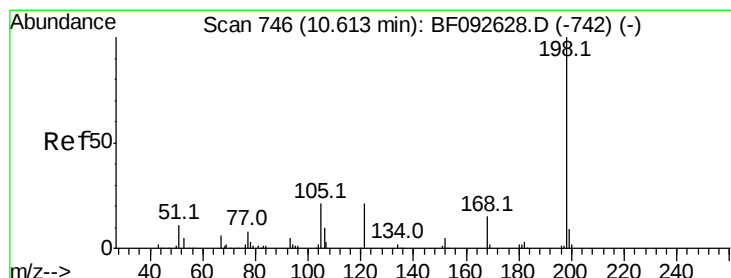
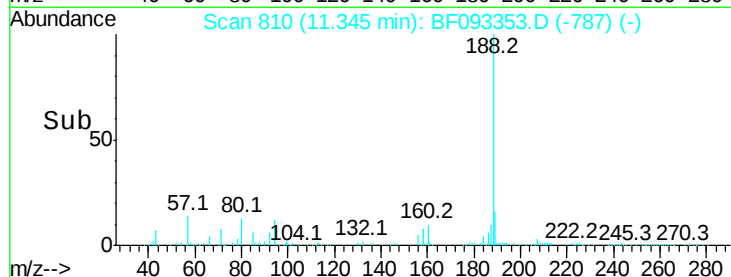
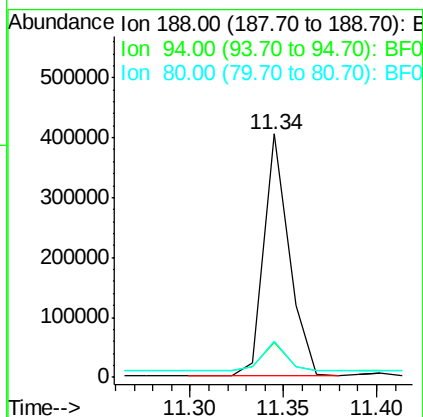
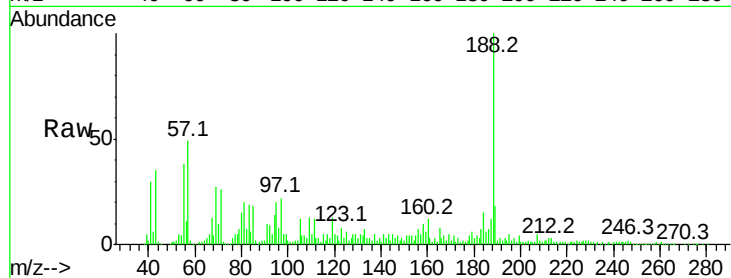




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

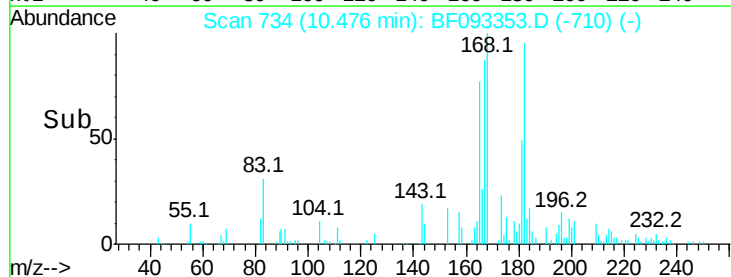
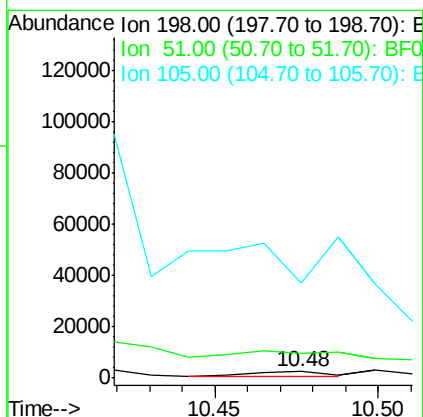
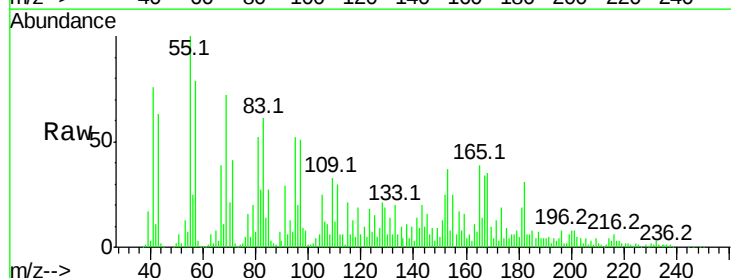
Instrument :
BNA_F
ClientSampled :
14B-24

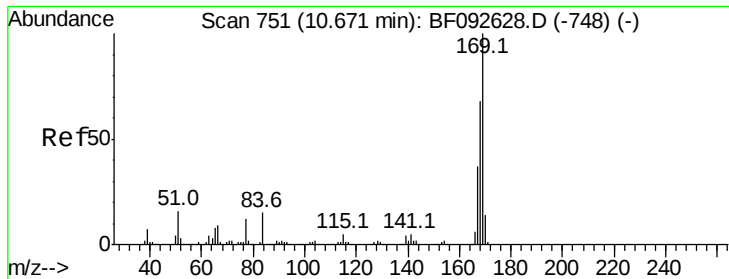
Tot Ion:188 Resp: 377766
Ion Ratio Lower Upper
188 100
94 14.3 10.0 15.0
80 15.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.88 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion:198 Resp: 2940
Ion Ratio Lower Upper
198 100
51 388.2 6.7 46.7#
105 1533.9 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 16.01 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampled :

14B-24

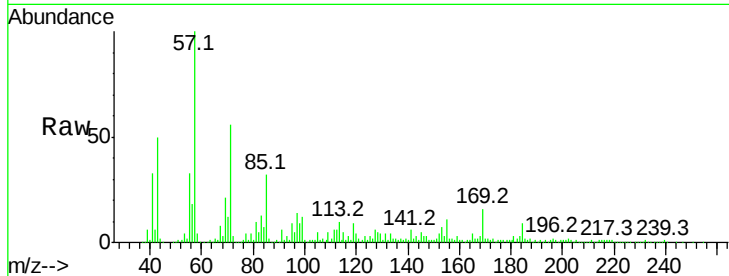
Tot Ion:169 Resp: 193179

Ion Ratio Lower Upper

169 100

168 19.7 54.2 81.2#

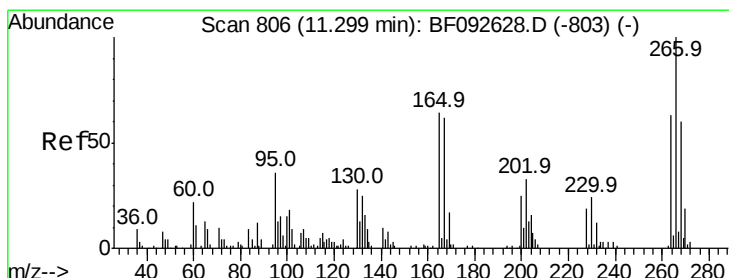
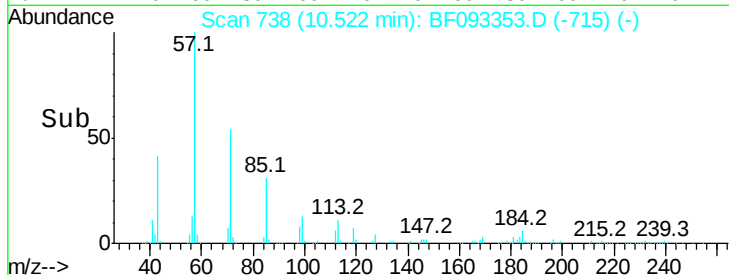
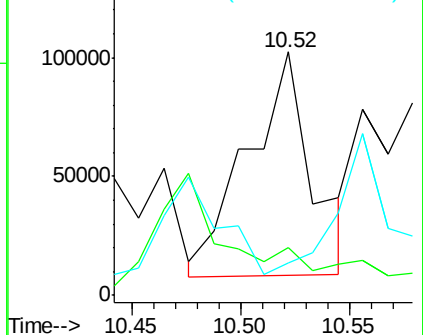
167 13.1 30.2 45.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 7.96 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

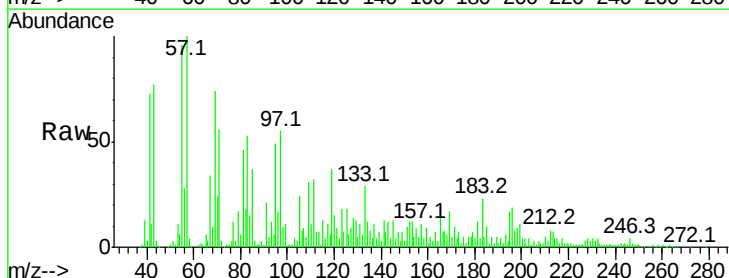
Tgt Ion:266 Resp: 1685

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

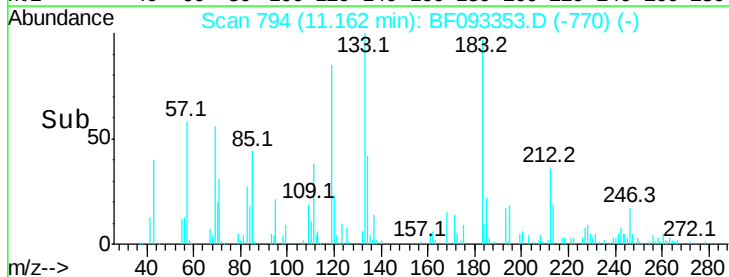
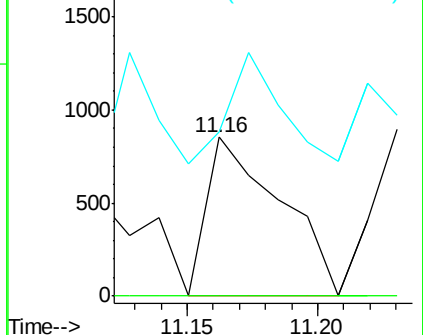
264 103.0 50.3 75.5#

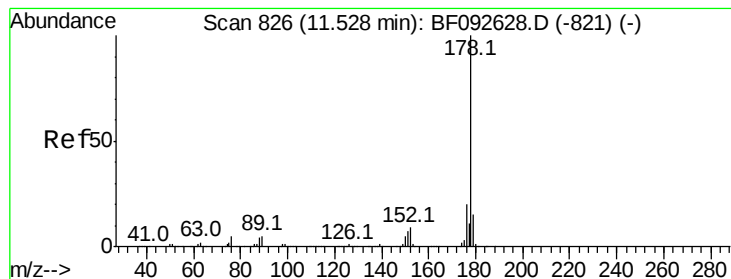


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 12.54 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

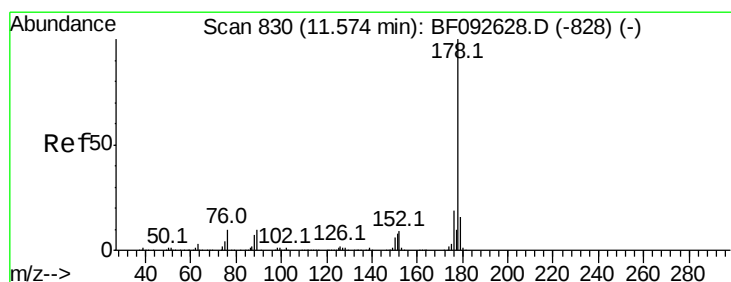
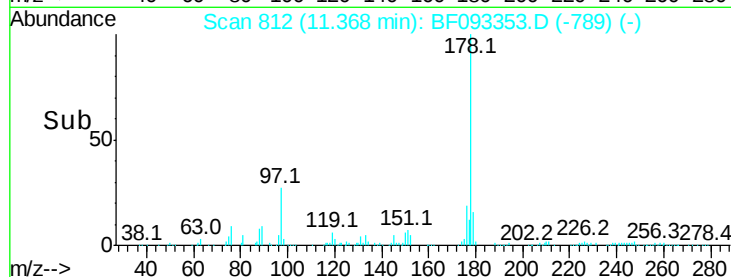
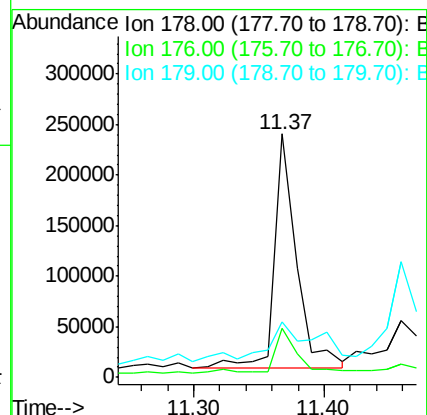
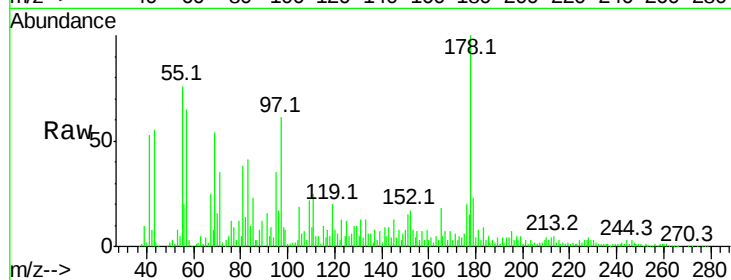
Tot Ion:178 Resp: 271366

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

179 23.0 12.8 19.2#



#71

Anthracene

Concen: 5.08 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

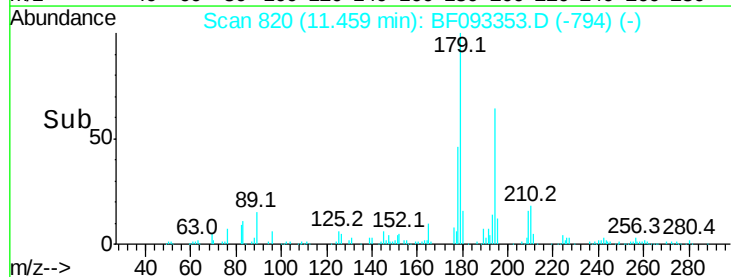
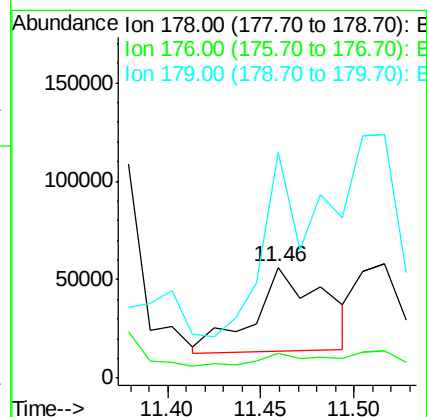
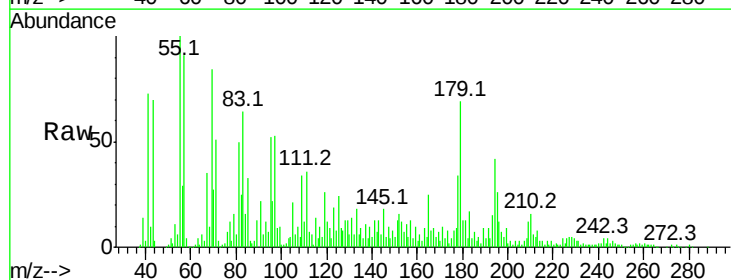
Tgt Ion:178 Resp: 110508

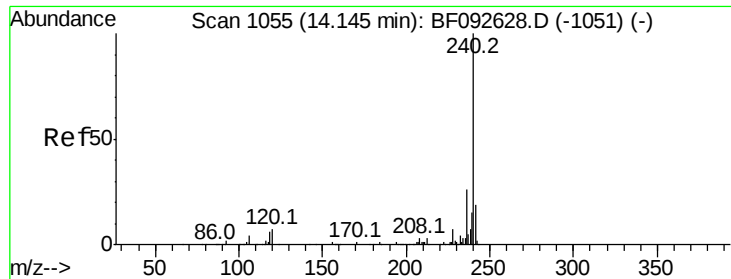
Ion Ratio Lower Upper

178 100

176 22.5 15.9 23.9

179 204.0 13.2 19.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

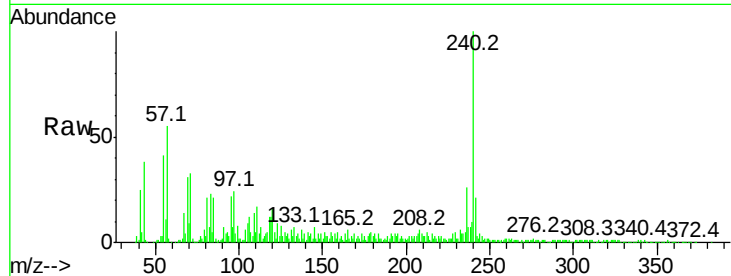
Instrument :

BNA_F

ClientSampleId :

14B-24

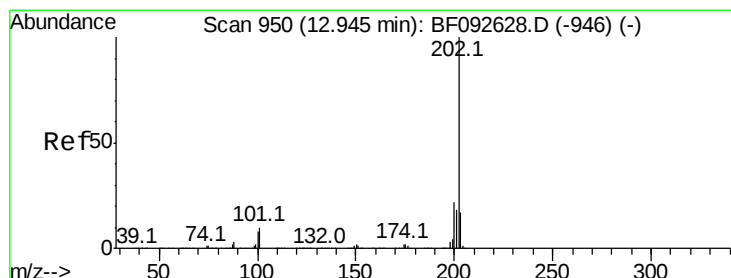
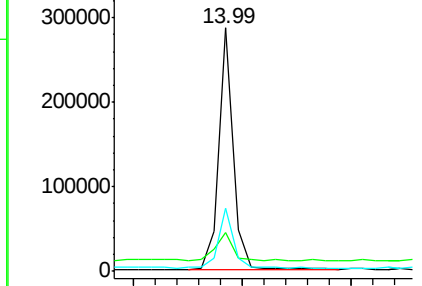
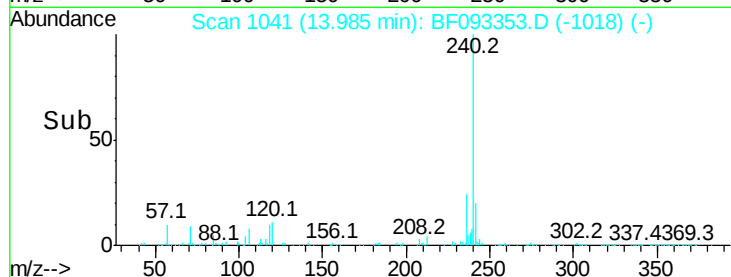
Tot Ion:240	Resp:	265205
Ion Ratio	Lower	Upper
240	100	
120	16.1	12.9 19.3
236	26.1	20.9 31.3



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



#77

Pyrene

Concen: 2.88 ng

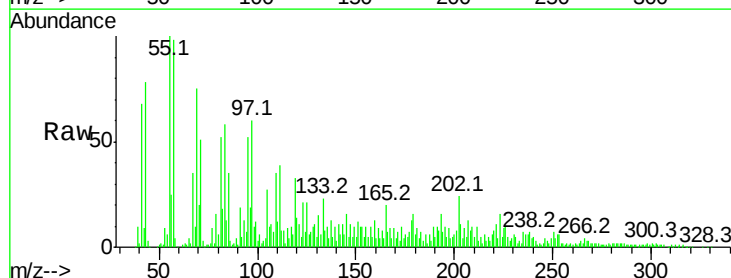
RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

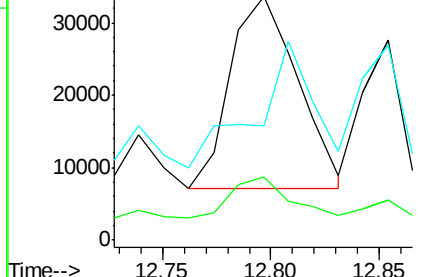
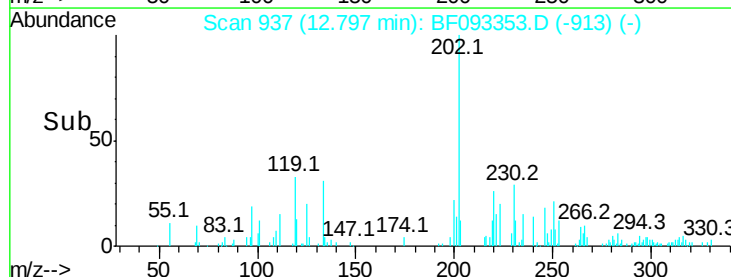
Tgt Ion:202	Resp:	57131
Ion Ratio	Lower	Upper
202	100	
200	25.7	17.7 26.5
203	46.9	14.7 22.1#

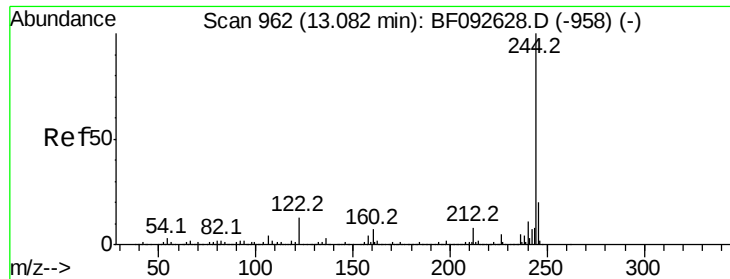


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

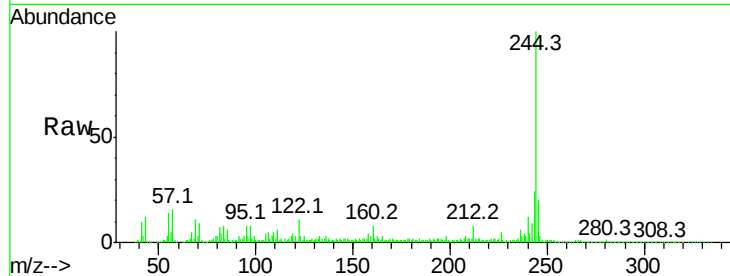




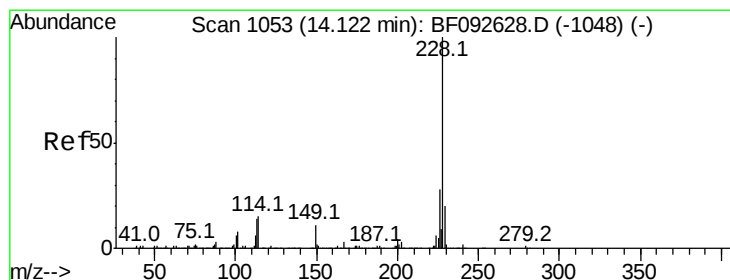
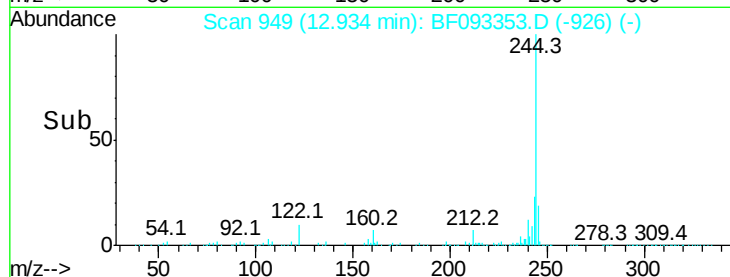
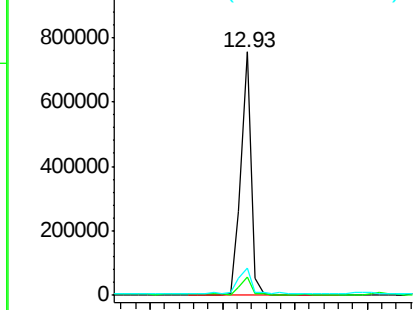
#78
 Terphenyl-d14
 Concen: 65.76 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF093353.D
 Acq: 3 Mar 2017 10:38

Instrument :
 BNA_F
 ClientSampleId :
 14B-24

Tot Ion:244 Resp: 742230
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.3 11.4 17.2#

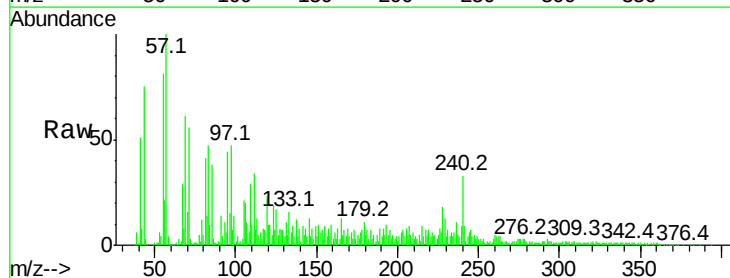


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

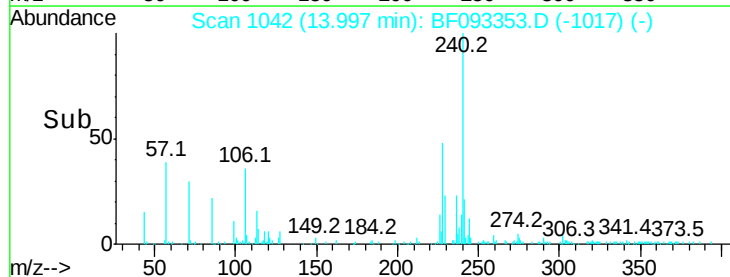
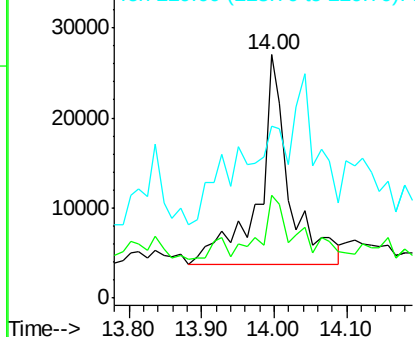


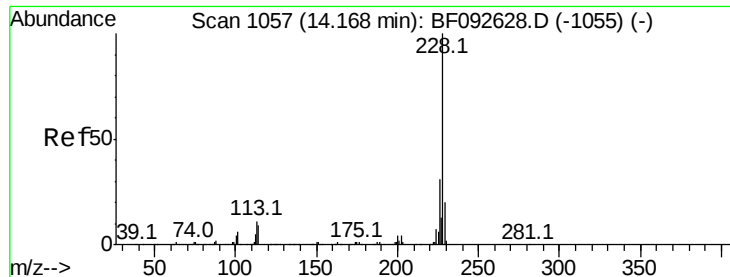
#80
 Benzo(a)anthracene
 Concen: 4.24 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF093353.D
 Acq: 3 Mar 2017 10:38

Tgt Ion:228 Resp: 68794
 Ion Ratio Lower Upper
 228 100
 226 42.3 22.4 33.6#
 229 70.5 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: 4.53 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

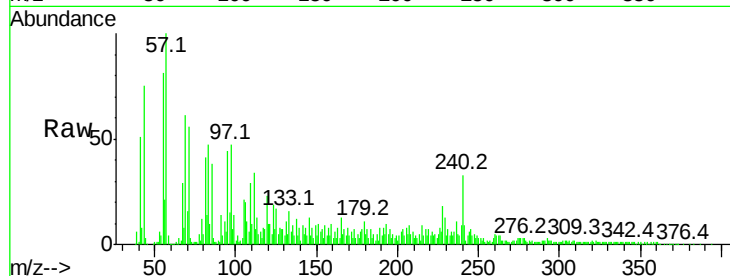
Tot Ion:228 Resp: 68794

Ion Ratio Lower Upper

228 100

226 42.3 25.4 38.0#

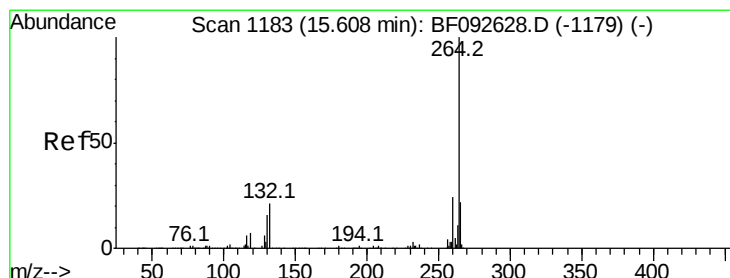
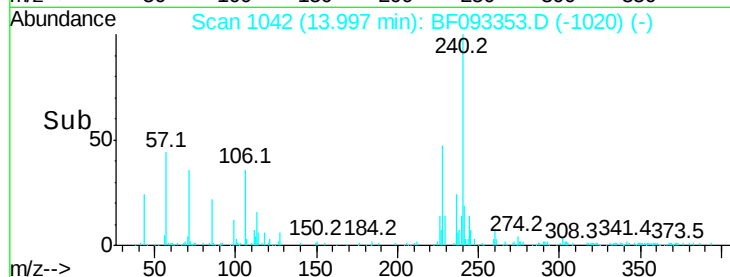
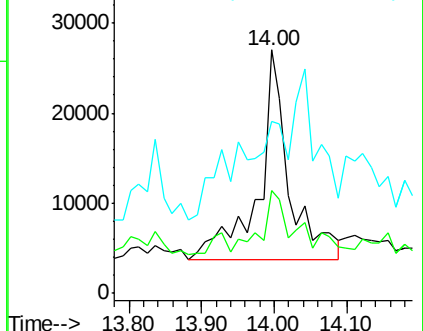
229 70.5 16.2 24.2#



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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

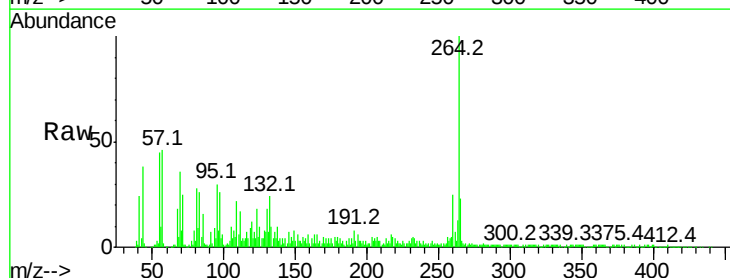
Tgt Ion:264 Resp: 263853

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.6 17.4 26.0



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

