

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093359.D
 Acq On : 3 Mar 2017 13:23
 Operator : SJ/MA
 Sample : I2057-05 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24B-25

Quant Time: Mar 03 13:48:08 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	144100	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	469483	20.00	ng	-0.05
38) Acenaphthene-d10	9.87	164	163470	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	278223	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	194693	20.00	ng	-0.01
86) Perylene-d12	15.46	264	178438	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	537939	64.05	ng	-0.07
7) Phenol-d6	6.44	99	682327	63.14	ng	-0.05
23) Nitrobenzene-d5	7.37	82	425539	50.47	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	73145	61.87	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	580105	64.29	ng	-0.03
78) Terphenyl-d14	12.96	244	301517	36.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	33971	2.69	ng	# 15
15) Benzyl Alcohol	6.96	79	24091	3.01	ng	# 39
18) Hexachloroethane	7.37	117	456876	121.84	ng	# 2
19) n-Nitroso-di-n-propylamine	7.23	70	71811	10.44	ng	# 66
22) Acetophenone	7.13	105	225791	21.06	ng	# 77
24) Nitrobenzene	7.45	77	43990	5.08	ng	# 57
25) Isophorone	7.62	82	167063	10.63	ng	# 1
26) 2-Nitrophenol	7.72	139	16391	3.98	ng	# 1
28) bis(2-Chloroethoxy)methane	7.84	93	21140	2.03	ng	# 1
29) 2,4-Dichlorophenol	7.94	162	29953	4.44	ng	# 14
31) Naphthalene	8.14	128	71630	3.01	ng	# 1
32) Benzoic acid	7.88	122	20110	11.34	ng	# 34
33) 4-Chloroaniline	8.14	127	29077	3.12	ng	# 1
35) Caprolactam	8.53	113	171899	81.08	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	26078	3.71	ng	# 36
37) 2-Methylnaphthalene	8.83	142	1150045	75.26	ng	# 97
42) 2,4,6-Trichlorophenol	9.10	196	8900	2.95	ng	# 9
43) 2,4,5-Trichlorophenol	9.10	196	8900	2.69	ng	# 1
46) 2-Chloronaphthalene	9.10	162	29138	3.15	ng	# 96
47) 2-Nitroaniline	9.50	65	20092	6.45	ng	# 44
48) Acenaphthylene	9.73	152	56153	3.51	ng	# 1
49) Dimethylphthalate	9.58	163	80838	7.34	ng	# 10
50) 2,6-Dinitrotoluene	9.64	165	51734	21.76	ng	# 72
51) Acenaphthene	9.90	154	79996	8.36	ng	# 61
52) 3-Nitroaniline	9.82	138	29049	10.67	ng	# 41
53) 2,4-Dinitrophenol	9.95	184	2784	6.90	ng	# 1
54) Dibenzofuran	10.08	168	79225	6.19	ng	# 1
55) 4-Nitrophenol	9.98	139	61254	31.25	ng	# 24
56) 2,4-Dinitrotoluene	10.05	165	53096	16.77	ng	# 47
57) Fluorene	10.43	166	264399	26.87	ng	# 80
61) 4-Nitroaniline	10.33	138	22258	7.99	ng	# 87
62) Azobenzene	10.58	77	78555	7.33	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	5033	5.48	ng	# 1
65) n-Nitrosodiphenylamine	10.54	169	308505	34.71	ng	# 49

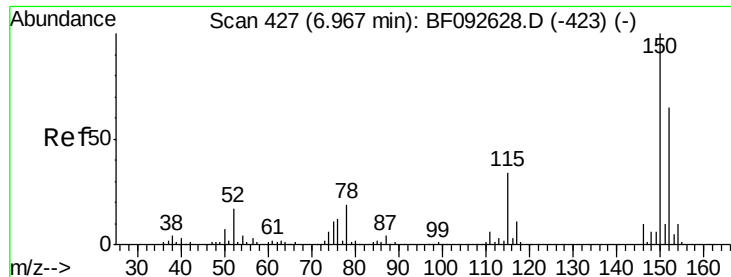
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Atrazine	11.09	200	13547	4.75	ng	# 1
69) Pentachlorophenol	11.21	266	5213	10.40	ng	# 49
70) Phenanthrene	11.39	178	499424	31.33	ng	# 90
71) Anthracene	11.48	178	140519	8.78	ng	# 1
73) Di-n-butylphthalate	11.90	149	40304	2.44	ng	# 1
74) Fluoranthene	12.82	202	117905	7.17	ng	# 77
77) Pyrene	12.82	202	136017	9.34	ng	# 82
80) Benzo(a)anthracene	14.02	228	132943	11.16	ng	# 34
81) 3,3'-Dichlorobenzidine	14.00	252	8887	2.09	ng	# 6
82) Chrysene	14.02	228	132943	11.92	ng	# 42
87) Benzo(b)fluoranthene	15.04	252	27415	2.33	ng	# 1
88) Benzo(k)fluoranthene	15.04	252	27415	2.70	ng	# 1

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

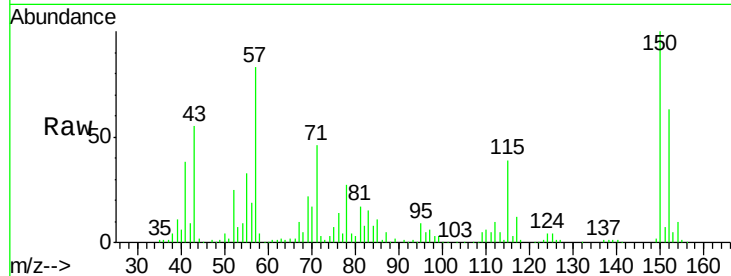


#1

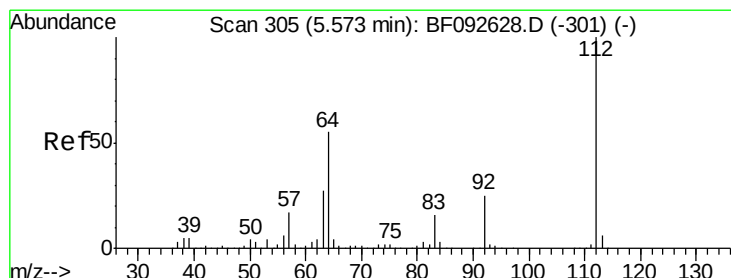
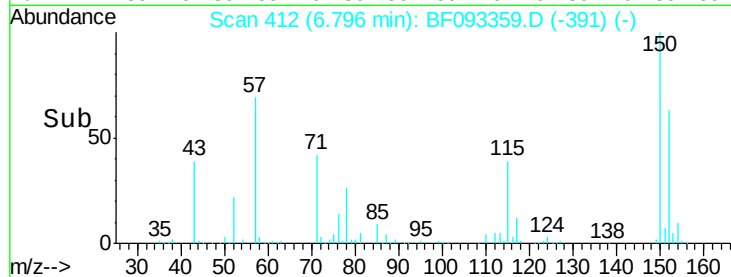
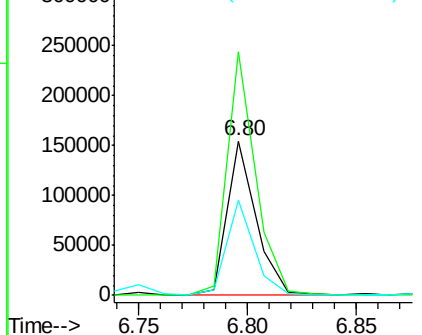
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion:152 Resp: 144100
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 61.7 46.0 69.0



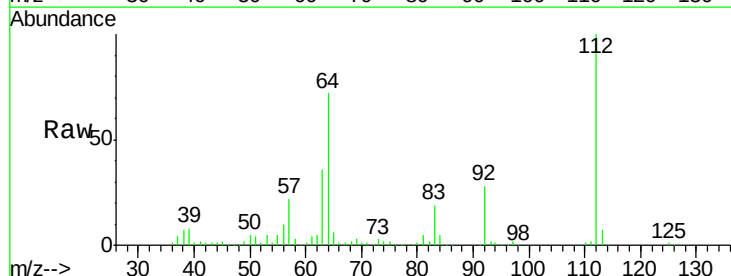
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



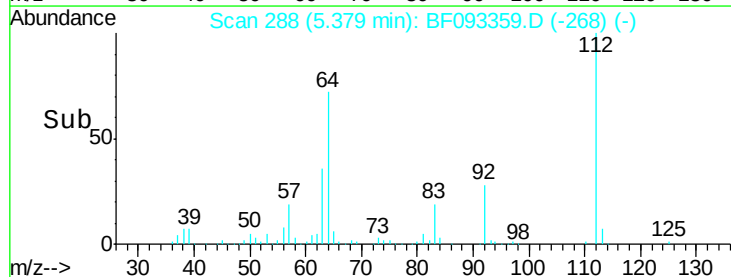
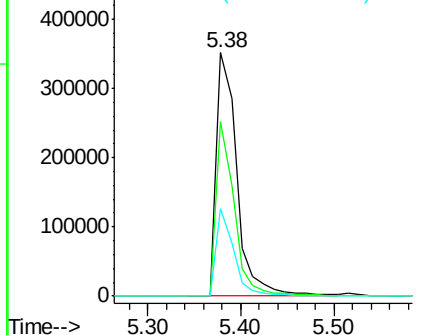
#5

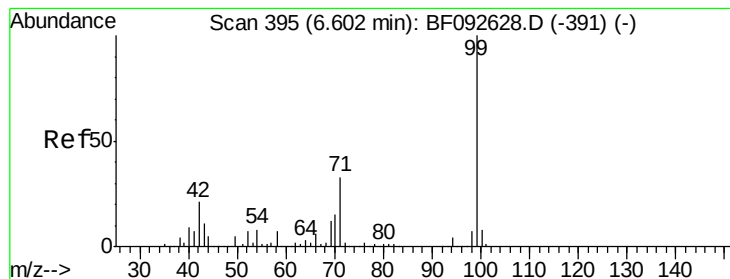
2-Fluorophenol
Concen: 64.05 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:112 Resp: 537939
Ion Ratio Lower Upper
112 100
64 71.8 46.1 69.1#
63 35.7 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: 63.14 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

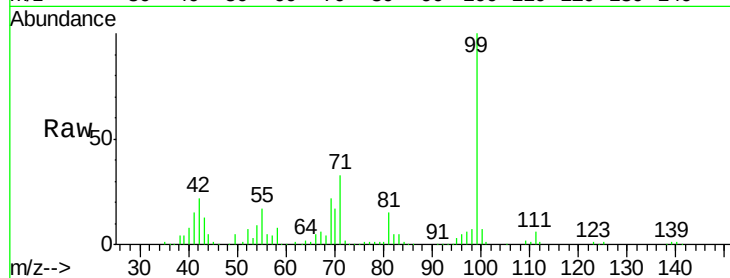
Tot Ion: 99 Resp: 682327

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

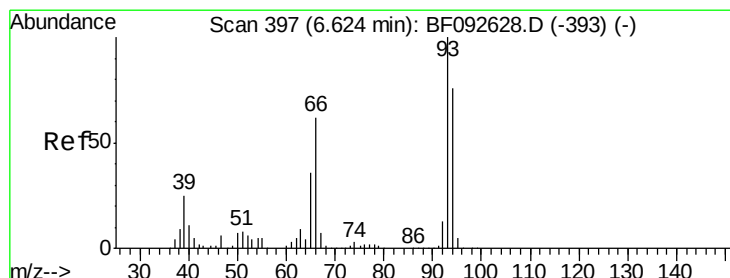
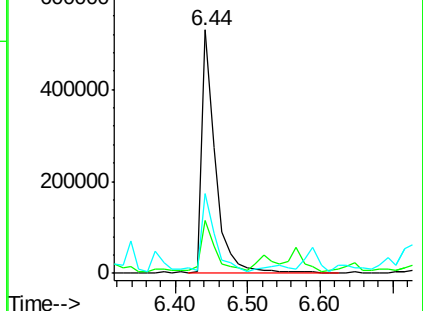
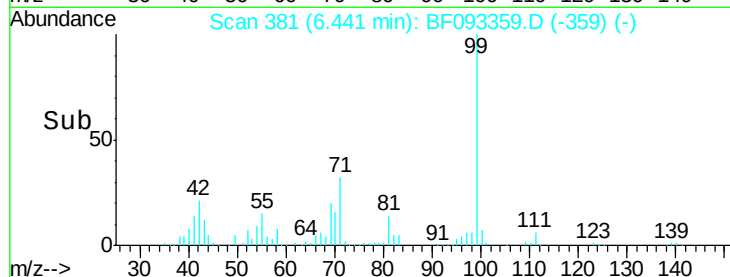
71 32.6 27.5 41.3



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



#10

Phenol

Concen: 2.69 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

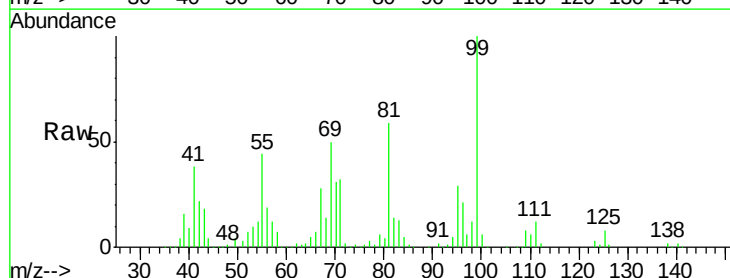
Tgt Ion: 94 Resp: 33971

Ion Ratio Lower Upper

94 100

65 84.7 21.4 61.4#

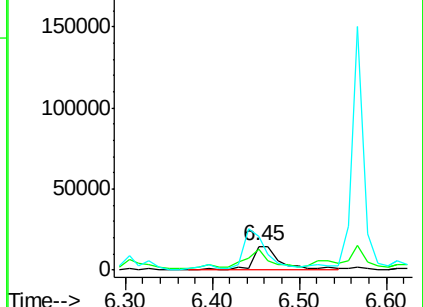
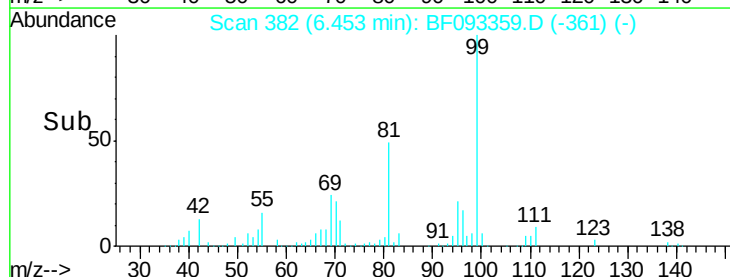
66 138.5 44.0 84.0#

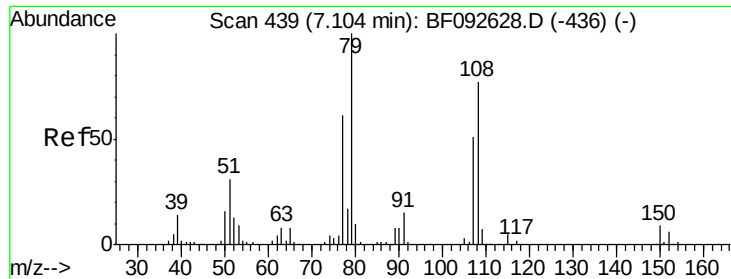


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

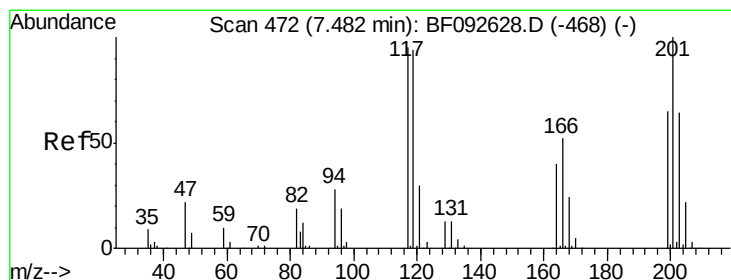
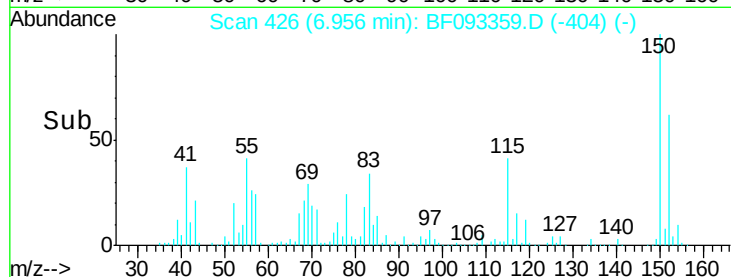
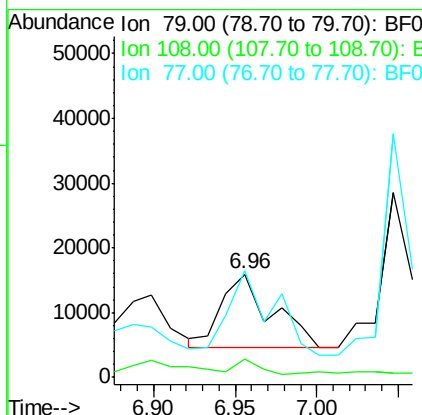
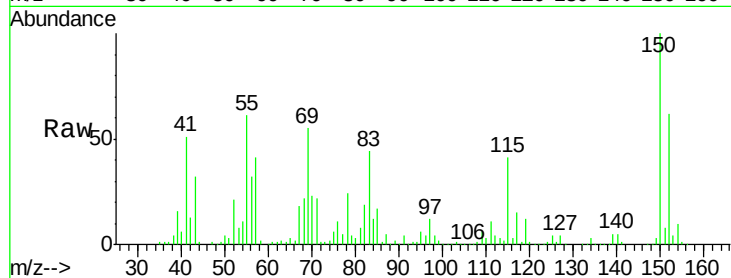




#15
Benzyl Alcohol
Concen: 3.01 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

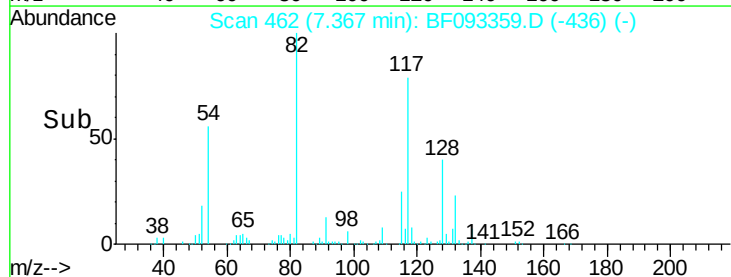
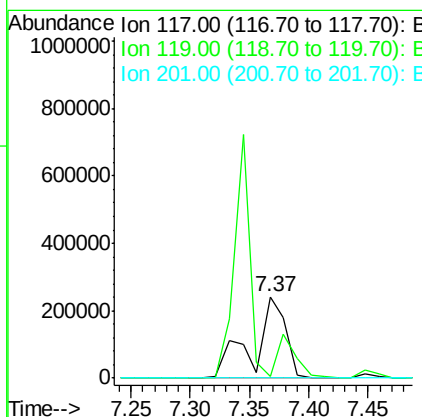
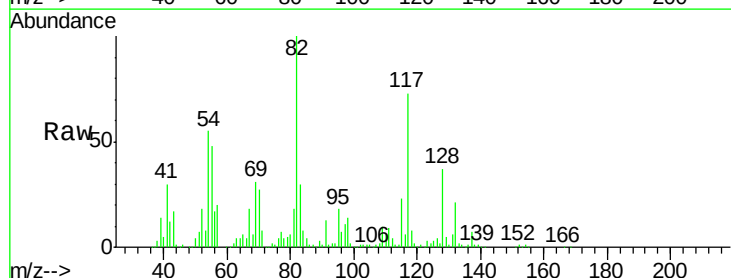
Instrument :
BNA_F
ClientSampleId :
24B-25

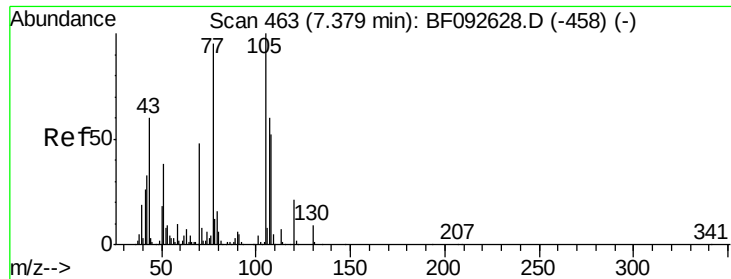
Tot Ion: 79 Resp: 24091
Ion Ratio Lower Upper
79 100
108 18.0 61.4 92.0#
77 103.9 50.9 76.3#



#18
Hexachloroethane
Concen: 121.84 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion: 117 Resp: 456876
Ion Ratio Lower Upper
117 100
119 2.4 78.1 117.1#
201 0.0 78.6 117.8#

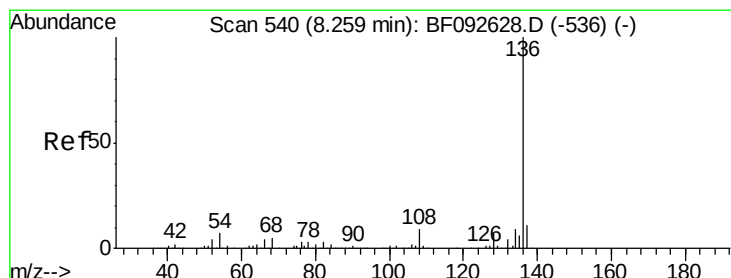
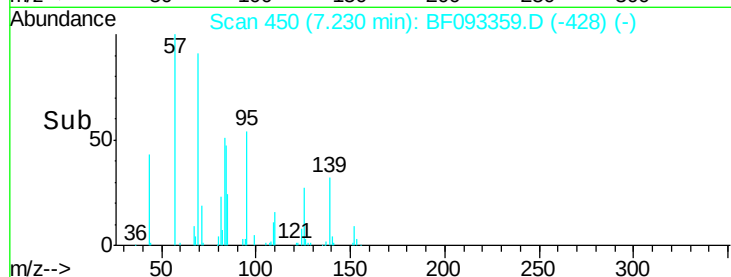
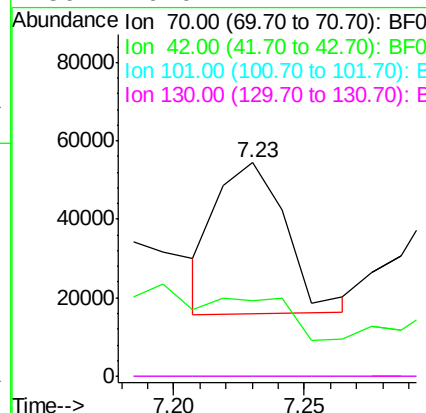
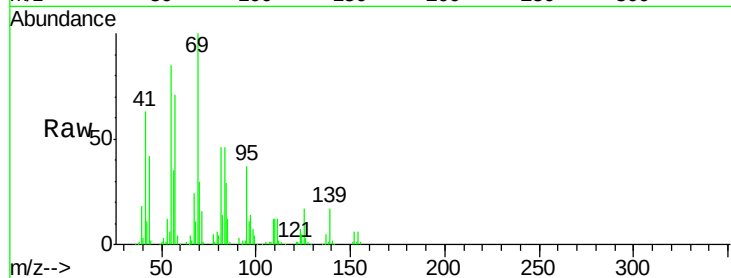




#19
n-Nitroso-di-n-propylamine
Concen: 10.44 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

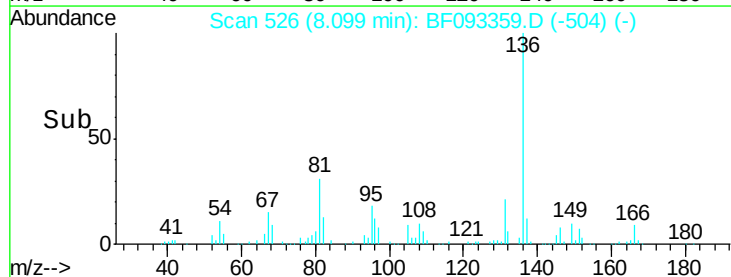
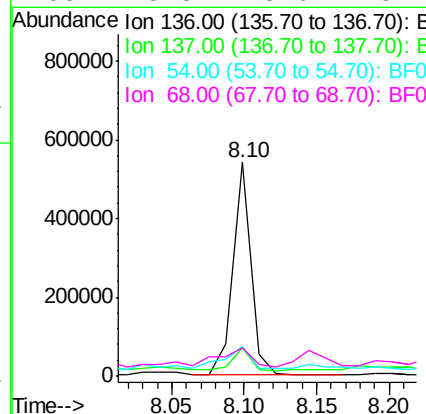
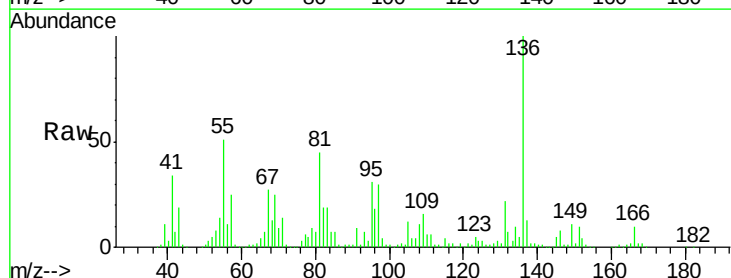
Instrument :
BNA_F
ClientSampleId :
24B-25

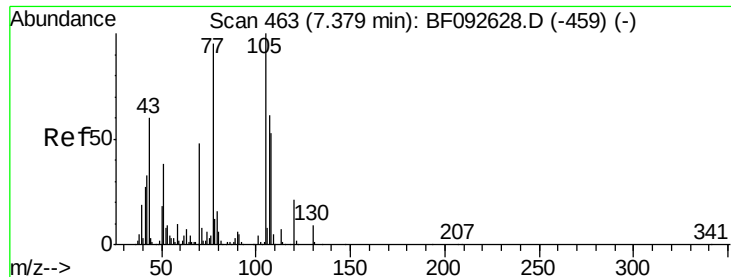
Tot Ion: 70 Resp: 71811
Ion Ratio Lower Upper
70 100
42 35.6 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion: 136 Resp: 469483
Ion Ratio Lower Upper
136 100
137 13.3 8.4 12.6#
54 13.9 4.5 6.7#
68 13.3 3.6 5.4#





#22

Acetophenone

Concen: 21.06 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.14 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

Tot Ion:105 Resp: 225791

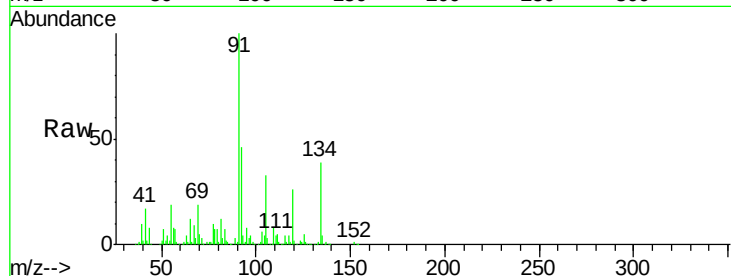
Ion Ratio Lower Upper

105 100

71 8.1 3.2 4.8#

51 20.5 26.2 39.4#

120 7.5 16.6 24.8#



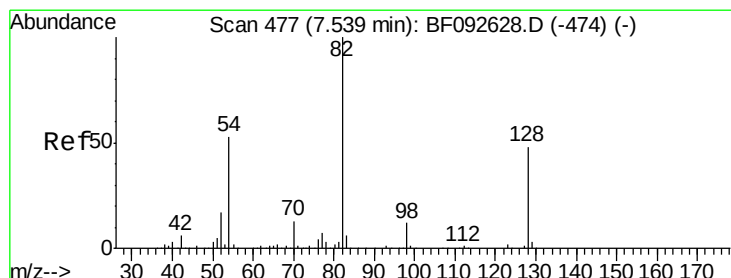
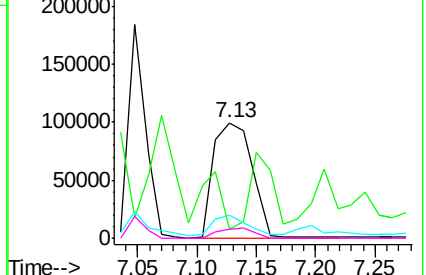
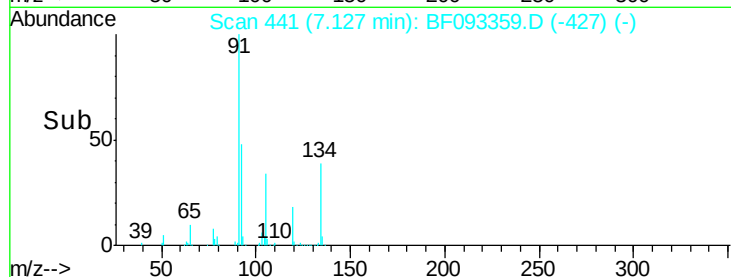
Abundance Ion 105.00 (104.70 to 105.70): E

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-->



#23

Nitrobenzene-d5

Concen: 50.47 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

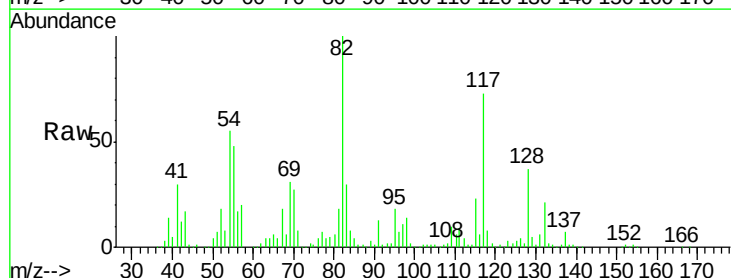
Tgt Ion: 82 Resp: 425539

Ion Ratio Lower Upper

82 100

128 37.0 34.6 52.0

54 55.5 39.5 59.3

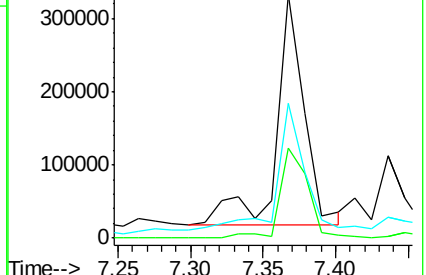
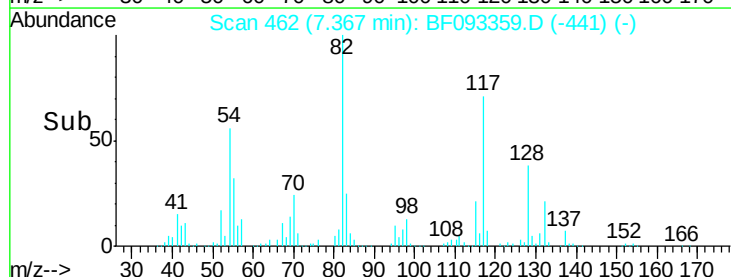


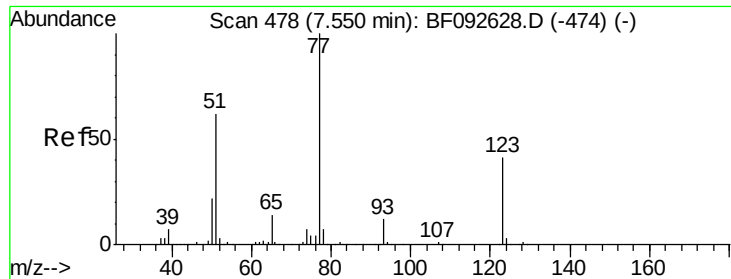
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 5.08 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

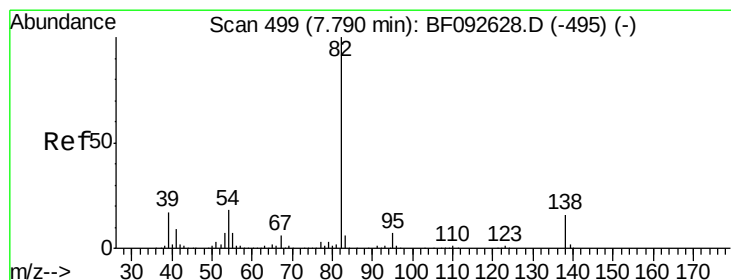
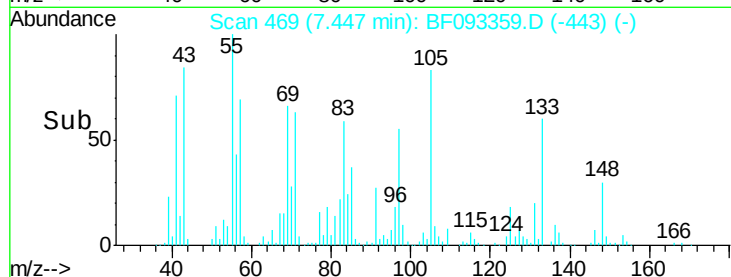
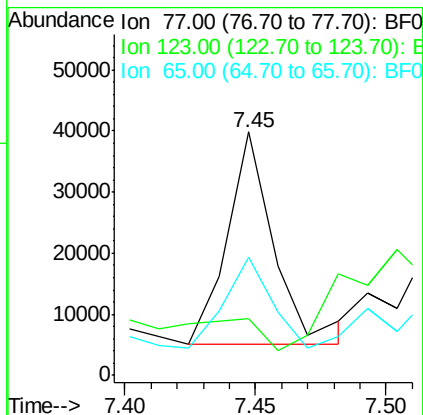
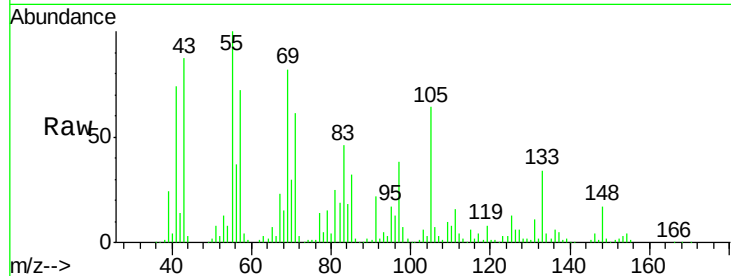
Tot Ion: 77 Resp: 43990

Ion Ratio Lower Upper

77 100

123 23.1 33.0 49.4#

65 48.6 11.2 16.8#



#25

Isophorone

Concen: 10.63 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

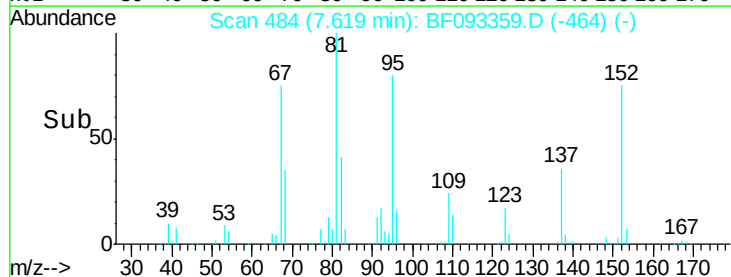
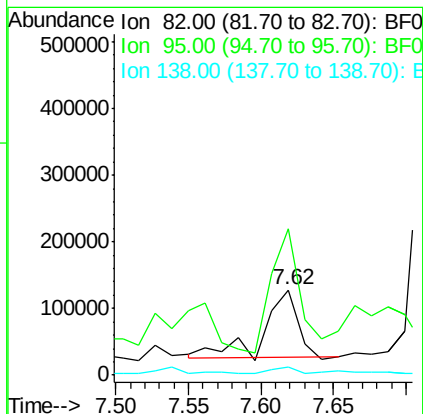
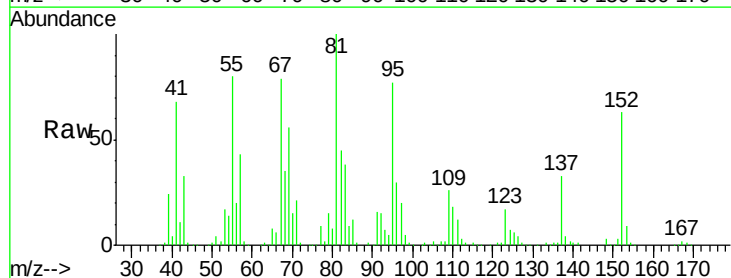
Tgt Ion: 82 Resp: 167063

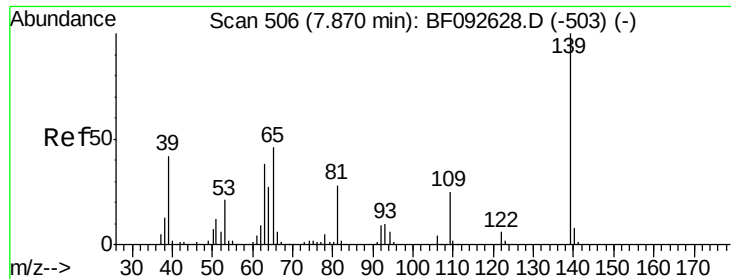
Ion Ratio Lower Upper

82 100

95 171.7 5.6 8.4#

138 9.3 14.6 22.0#

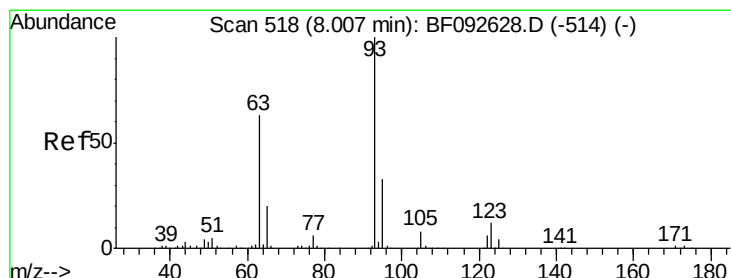
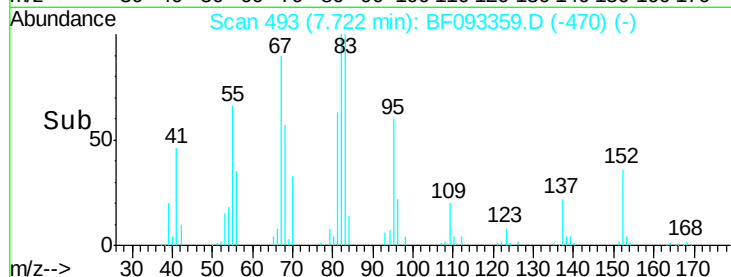
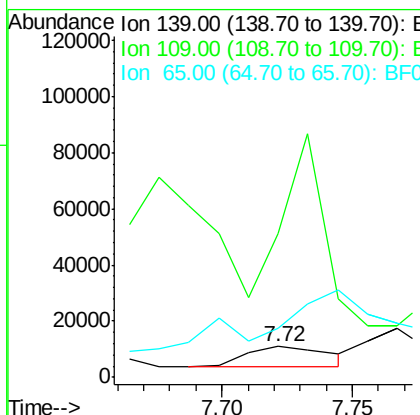
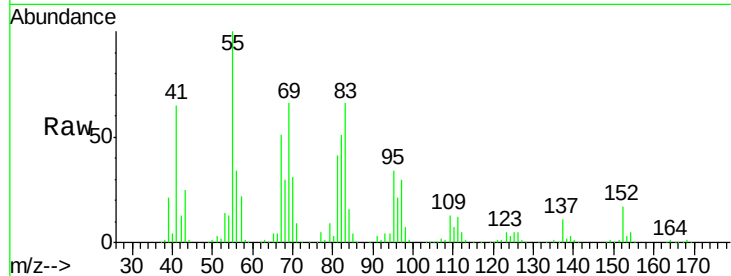




#26
 2-Nitrophenol
 Concen: 3.98 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

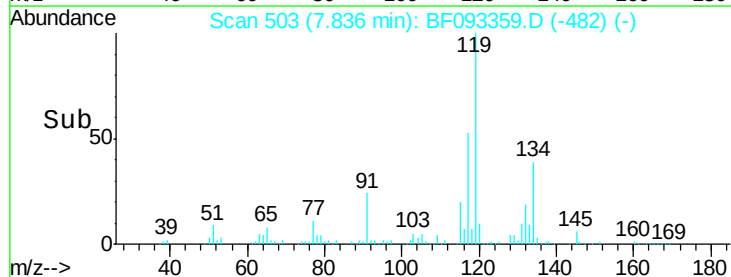
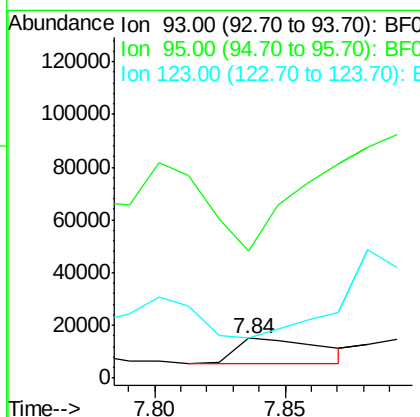
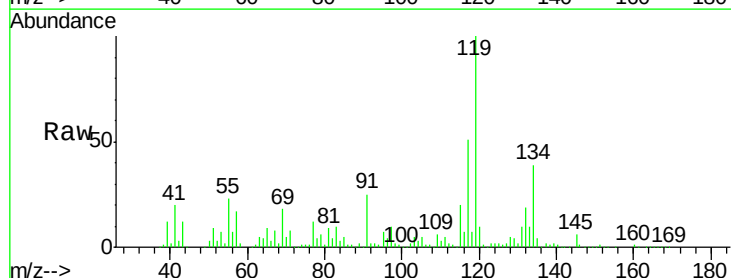
Instrument :
 BNA_F
 ClientSampleId :
 24B-25

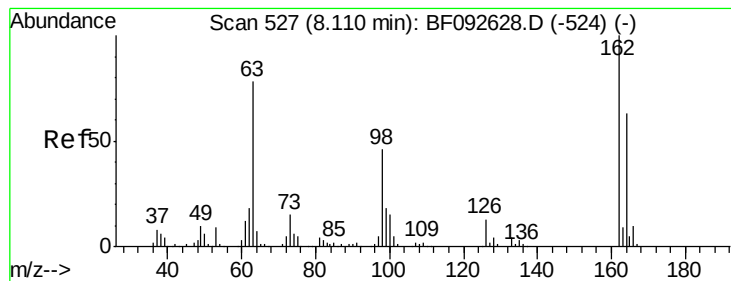
Tot Ion:139 Resp: 16391
 Ion Ratio Lower Upper
 139 100
 109 467.2 23.3 34.9#
 65 157.3 42.7 64.1#



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.03 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.06 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Tgt Ion: 93 Resp: 21140
 Ion Ratio Lower Upper
 93 100
 95 320.9 26.5 39.7#
 123 100.2 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 4.44 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.07 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

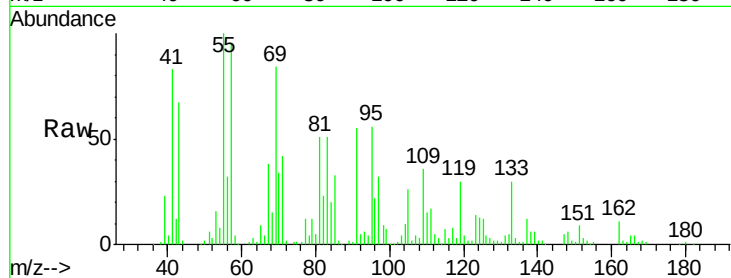
Tot Ion:162 Resp: 29953

Ion Ratio Lower Upper

162 100

164 4.6 46.8 86.8#

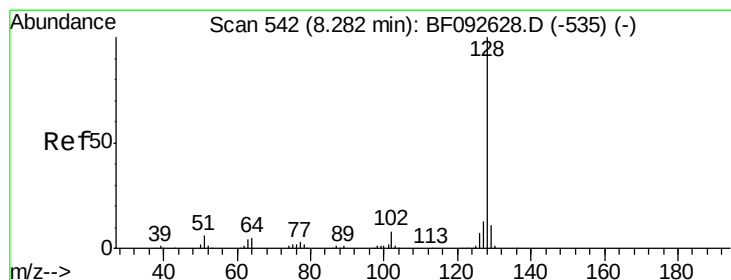
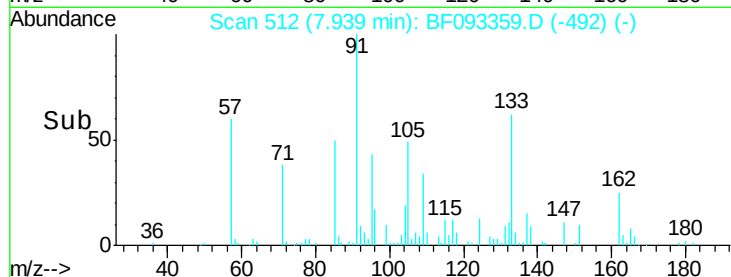
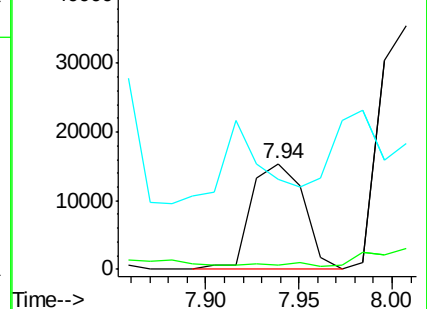
98 84.8 9.1 49.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#31

Naphthalene

Concen: 3.01 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

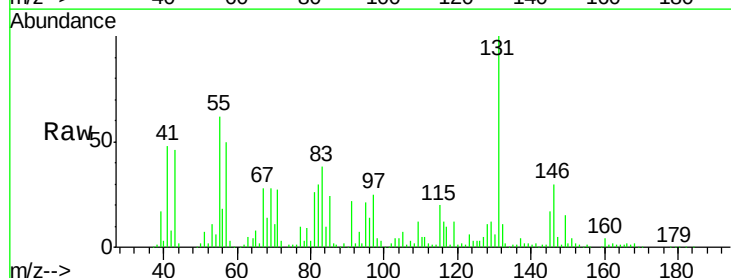
Tgt Ion:128 Resp: 71630

Ion Ratio Lower Upper

128 100

129 107.3 9.5 14.3#

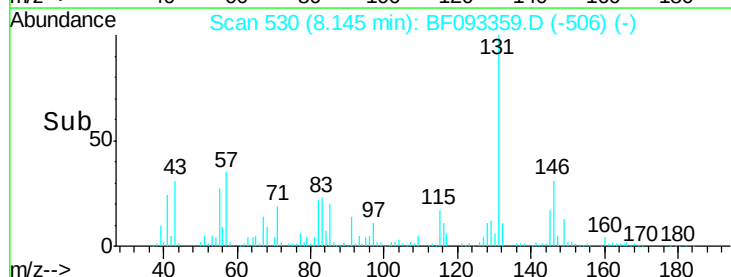
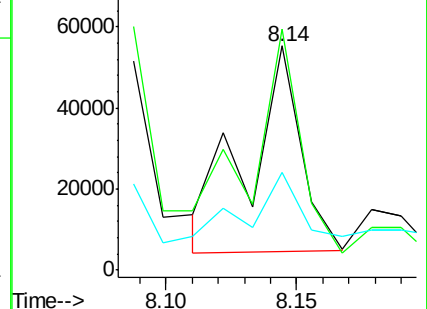
127 43.8 10.8 16.2#

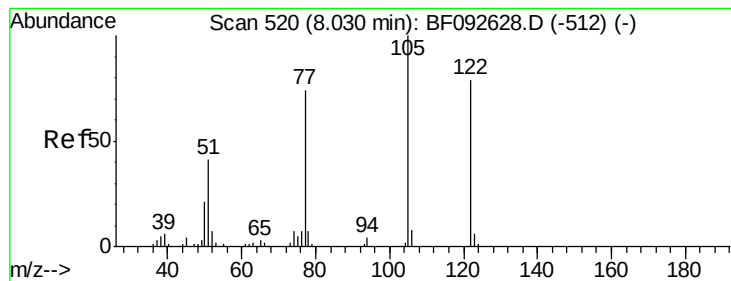


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 11.34 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampled :

24B-25

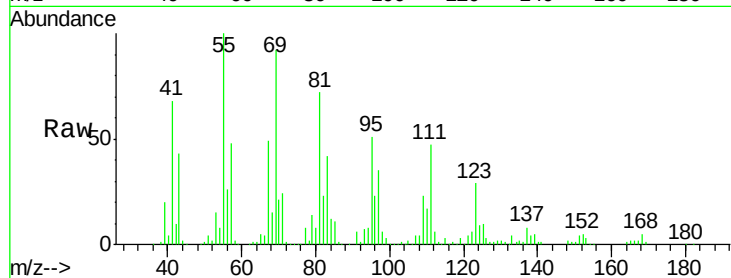
Tot Ion:122 Resp: 20110

Ion Ratio Lower Upper

122 100

105 28.3 107.2 147.2#

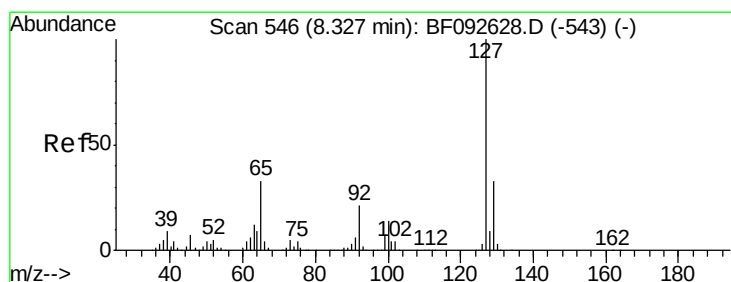
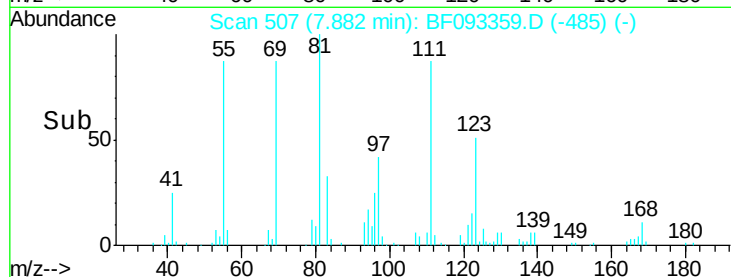
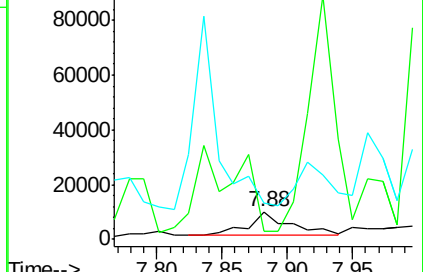
77 132.7 74.5 114.5#



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



#33

4-Chloroaniline

Concen: 3.12 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Tgt Ion:127 Resp: 29077

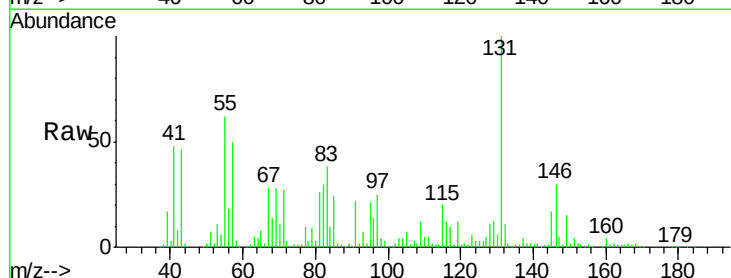
Ion Ratio Lower Upper

127 100

129 244.8 26.3 39.5#

65 151.3 25.8 38.8#

92 44.8 16.1 24.1#

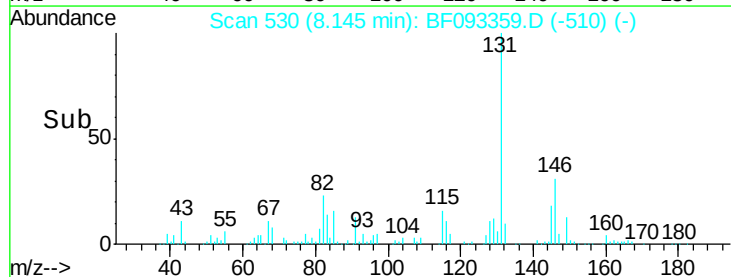
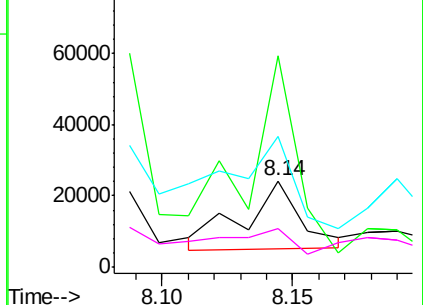


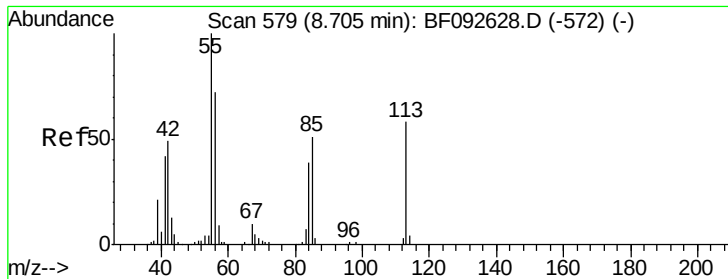
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

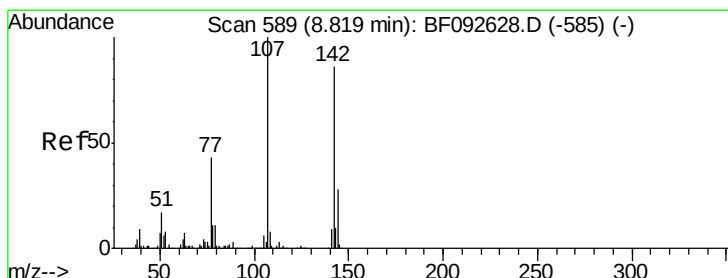
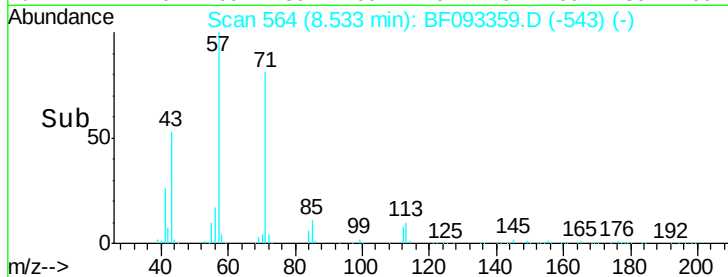
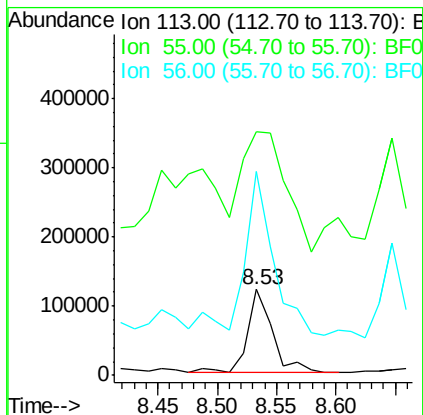
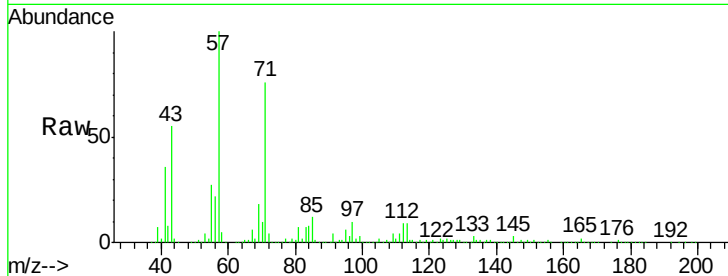




#35
Caprolactam
Concen: 81.08 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.06 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

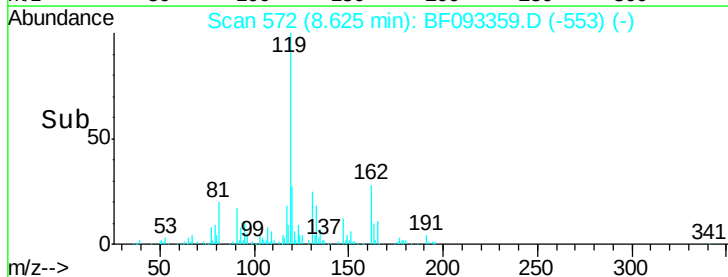
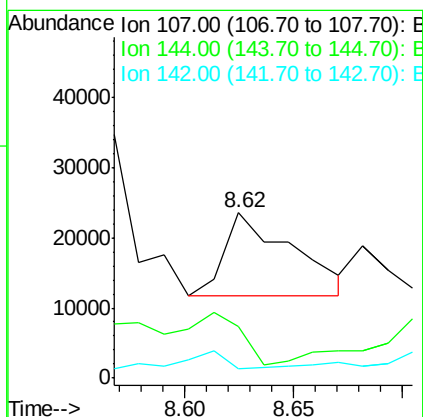
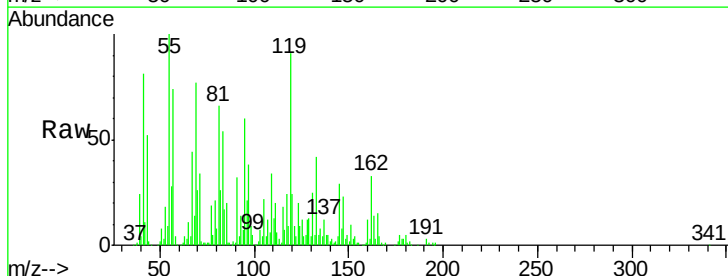
Instrument :
BNA_F
ClientSampleId :
24B-25

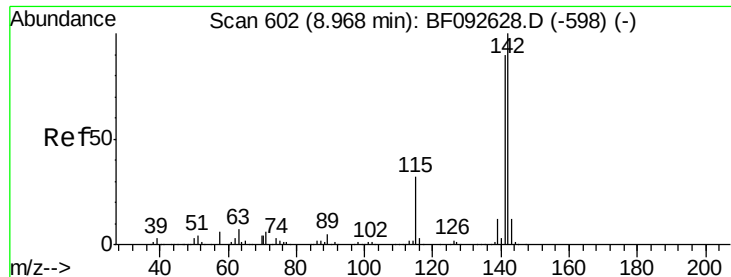
Tot Ion:113 Resp: 171899
Ion Ratio Lower Upper
113 100
55 284.3 119.2 159.2#
56 238.9 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 3.71 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.08 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:107 Resp: 26078
Ion Ratio Lower Upper
107 100
144 31.3 19.3 28.9#
142 5.8 59.0 88.6#

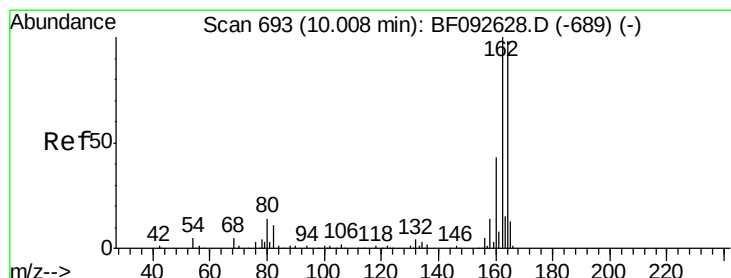
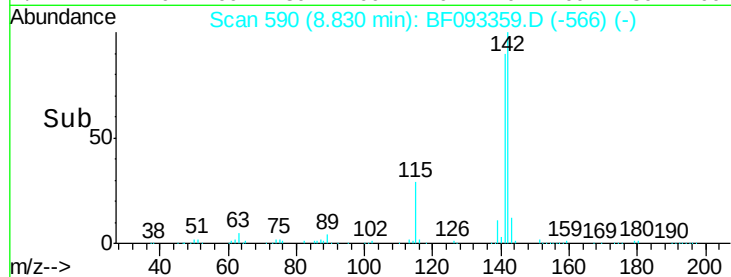
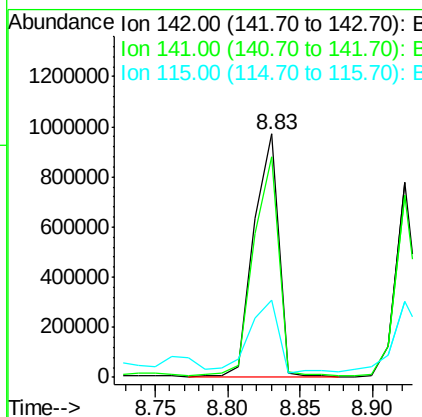
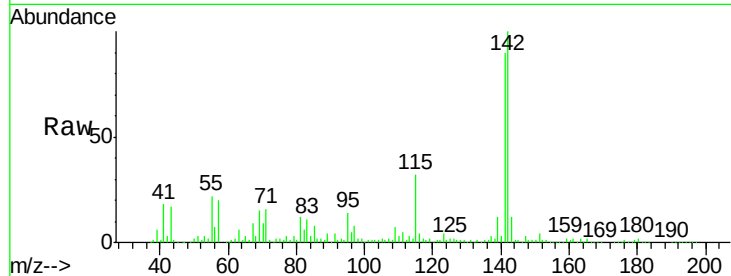




#37
2-Methylnaphthalene
Concen: 75.26 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

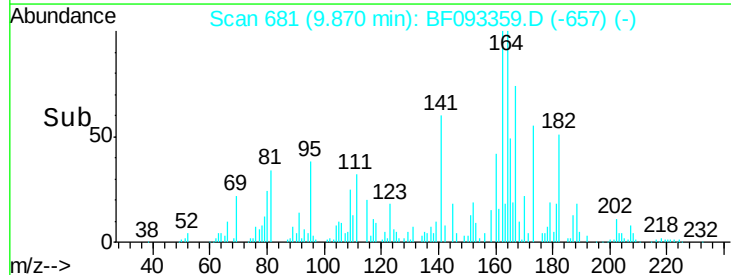
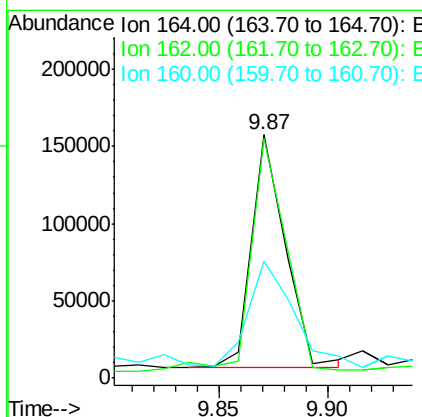
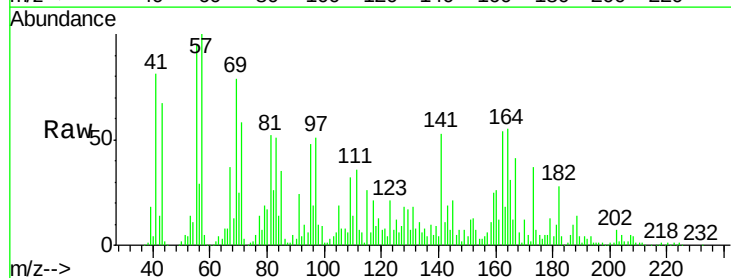
Instrument :
BNA_F
ClientSampleId :
24B-25

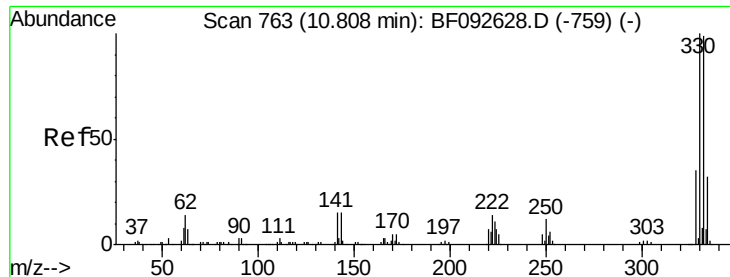
Tot Ion:142 Resp: 1150045
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 31.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:164 Resp: 163470
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 48.2 36.9 55.3

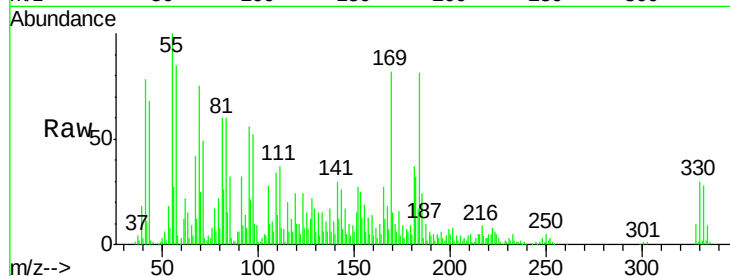




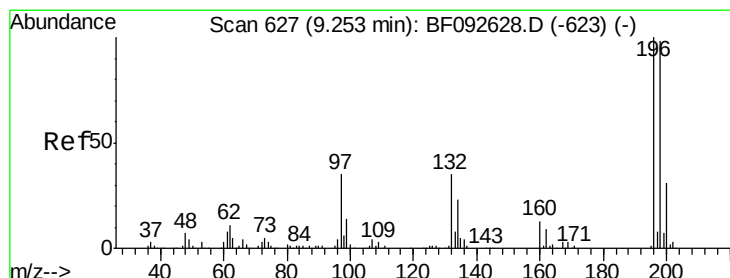
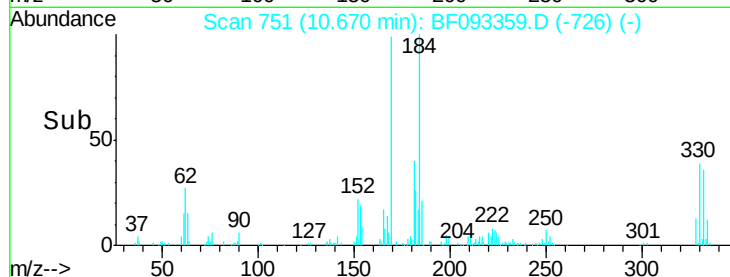
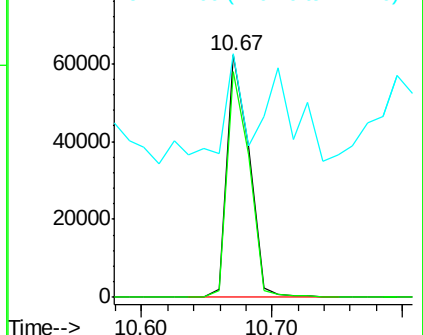
#41
 2,4,6-Tribromophenol
 Concen: 61.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Instrument :
 BNA_F
 ClientSampled :
 24B-25

Tot Ion:330 Resp: 73145
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.4 116.2
 141 28.5 34.1 51.1#

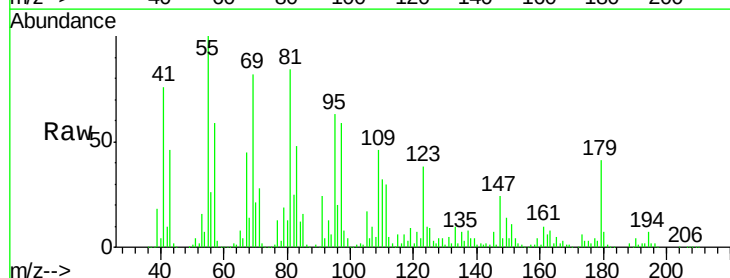


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

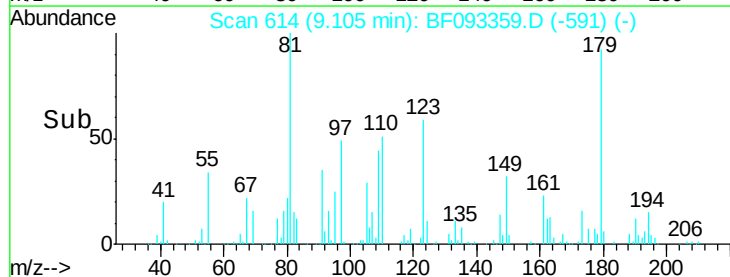
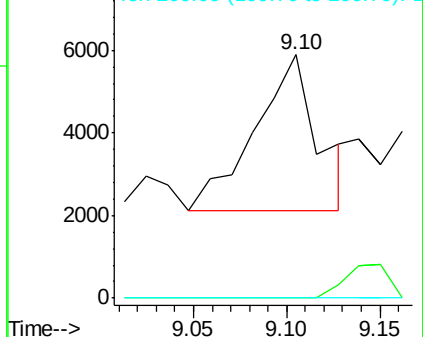


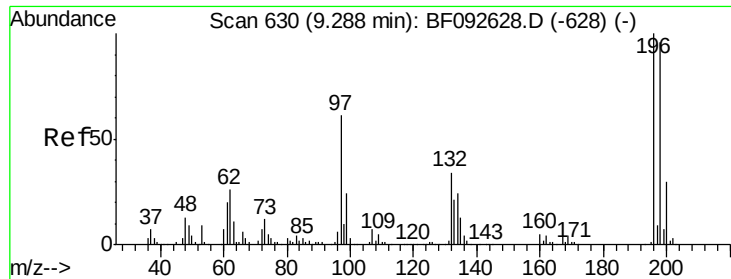
#42
 2,4,6-Trichlorophenol
 Concen: 2.95 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Tgt Ion:196 Resp: 8900
 Ion Ratio Lower Upper
 196 100
 198 0.0 82.1 123.1#
 200 0.0 27.0 40.4#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

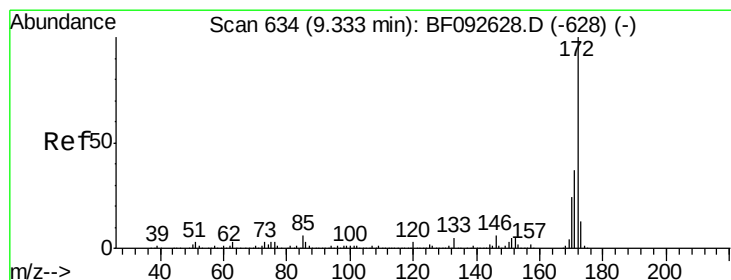
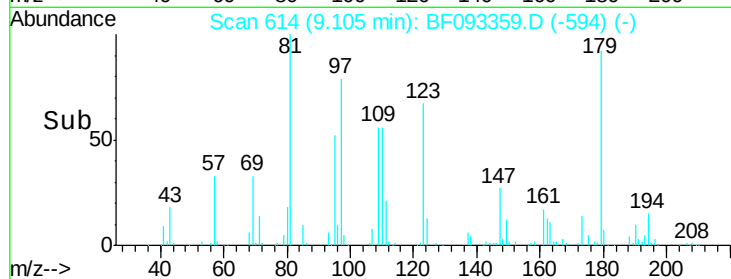
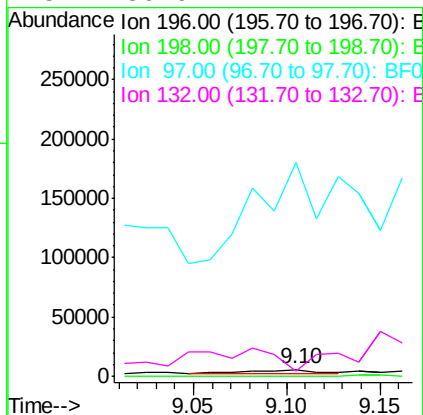
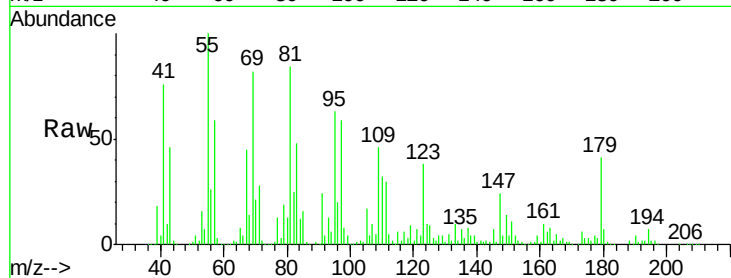




#43
 2,4,5-Trichlorophenol
 Concen: 2.69 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.07 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

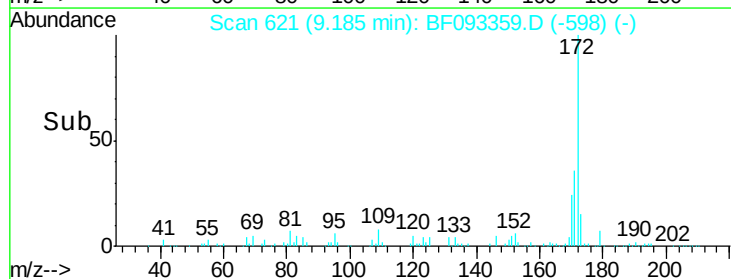
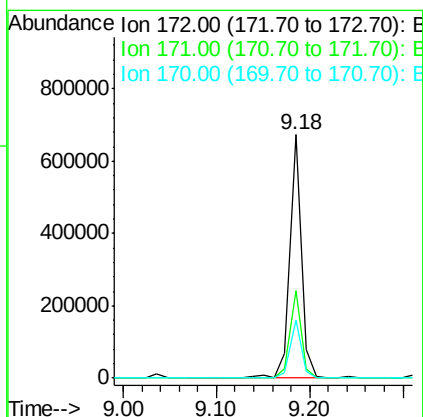
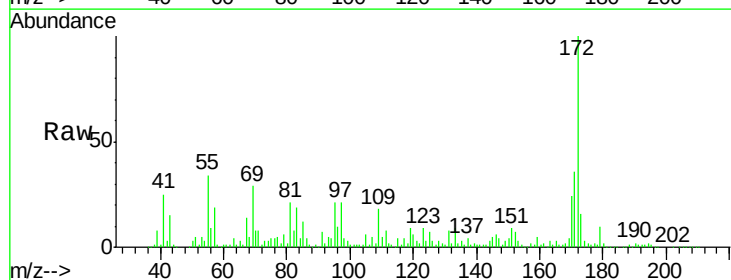
Instrument :
 BNA_F
 ClientSampleId :
 24B-25

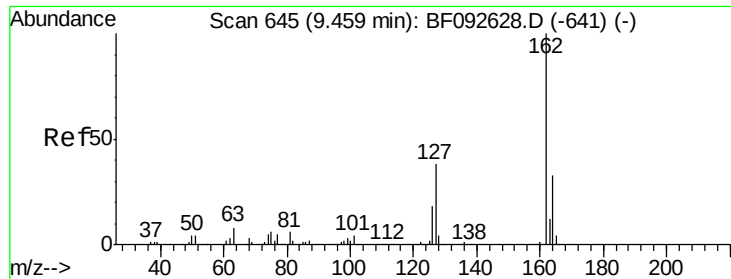
Tot Ion:196 Resp: 8900
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.4 119.2#
 97 3055.1 51.5 77.3#
 132 80.9 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 64.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Tgt Ion:172 Resp: 580105
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 20.2 30.4

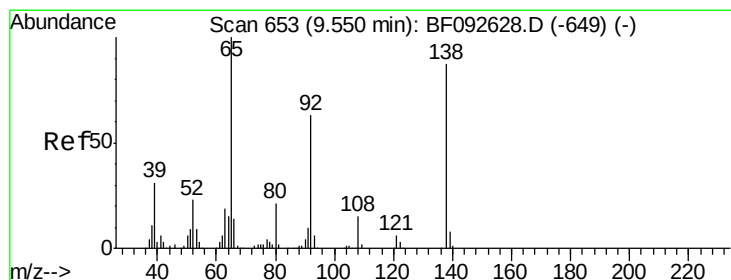
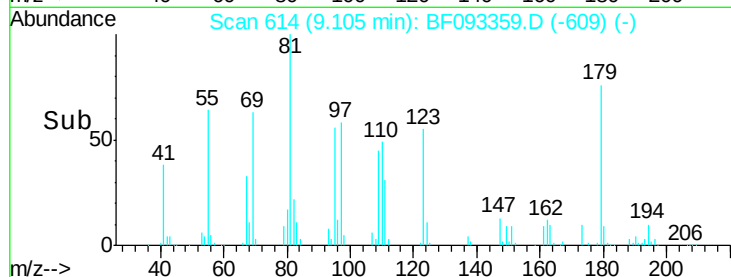
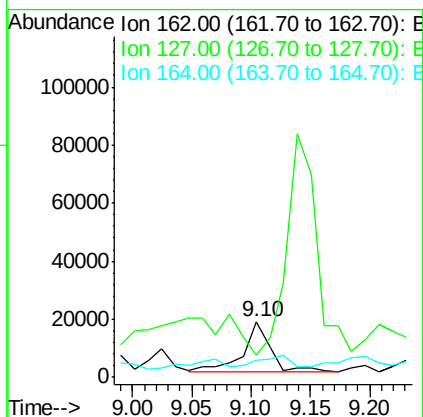
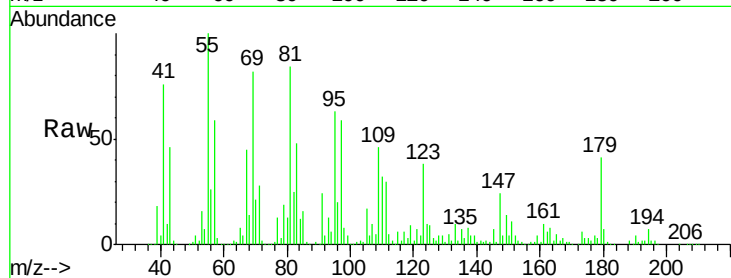




#46
 2-Chloronaphthalene
 Concen: 3.15 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.24 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

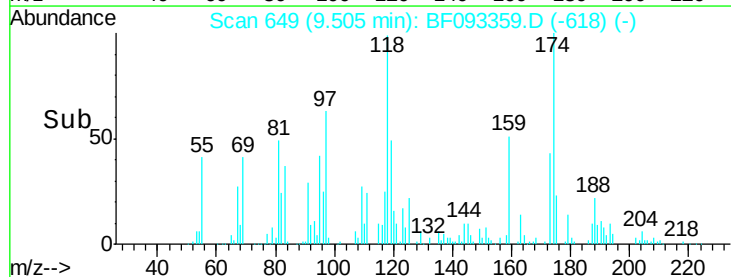
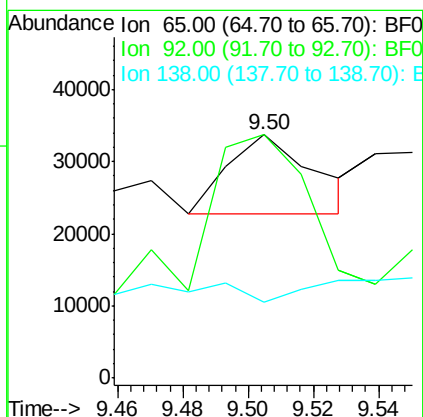
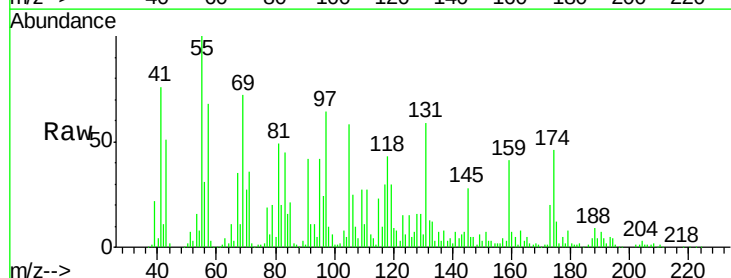
Instrument :
 BNA_F
 ClientSampleId :
 24B-25

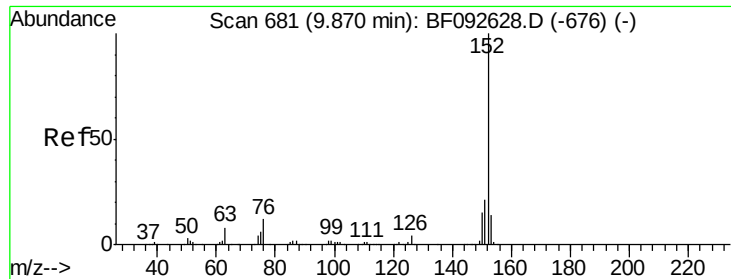
Tot Ion: 162 Resp: 29138
 Ion Ratio Lower Upper
 162 100
 127 38.7 30.7 46.1
 164 29.6 27.6 41.4



#47
 2-Nitroaniline
 Concen: 6.45 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.06 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Tgt Ion: 65 Resp: 20092
 Ion Ratio Lower Upper
 65 100
 92 100.0 53.9 80.9#
 138 31.3 76.8 115.2#





#48

Acenaphthylene

Concen: 3.51 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampled :

24B-25

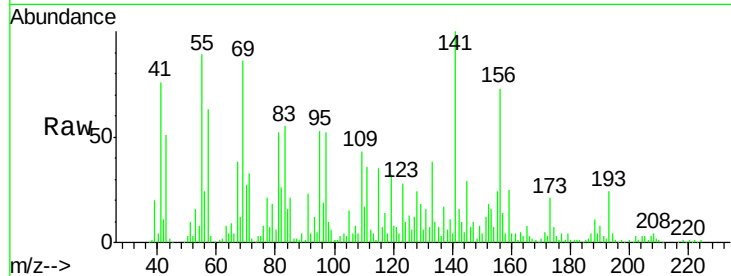
Tot Ion:152 Resp: 56153

Ion Ratio Lower Upper

152 100

151 65.4 16.9 25.3#

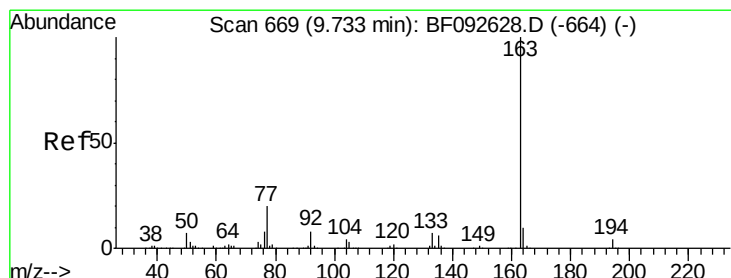
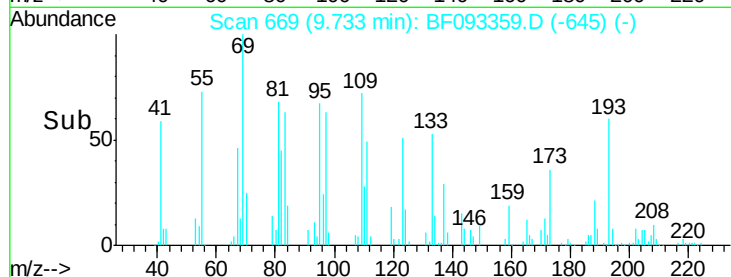
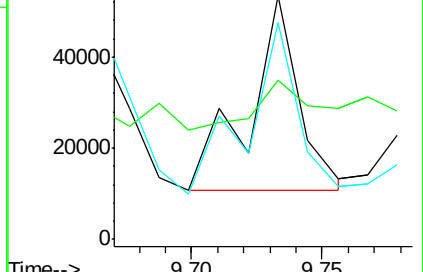
153 89.0 11.4 17.2#



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: 7.34 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

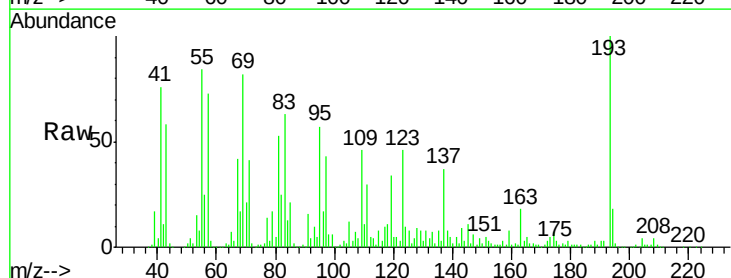
Tgt Ion:163 Resp: 80838

Ion Ratio Lower Upper

163 100

194 96.6 3.0 4.4#

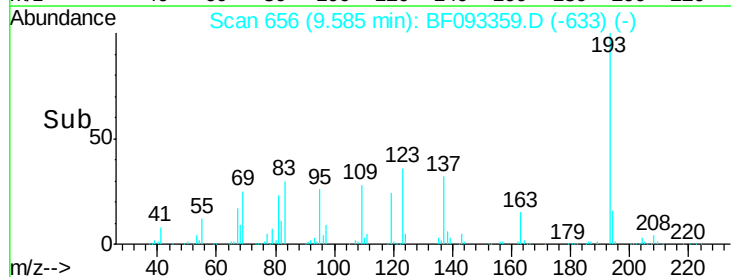
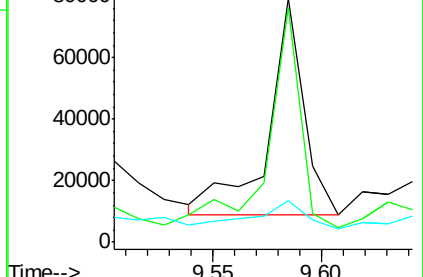
164 17.2 8.0 12.0#

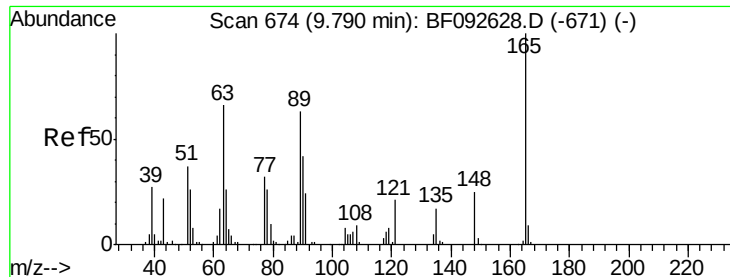


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

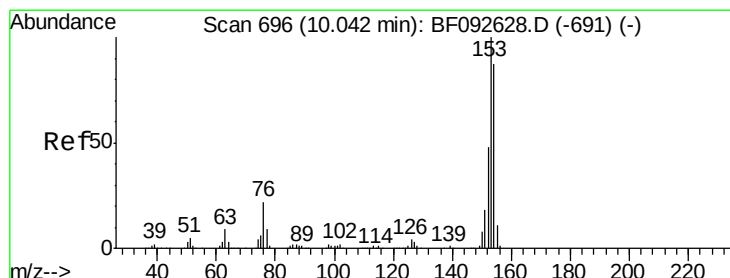
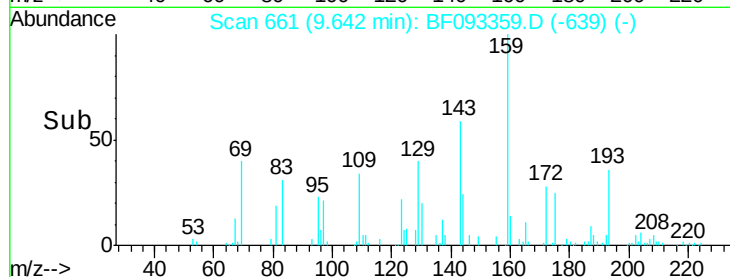
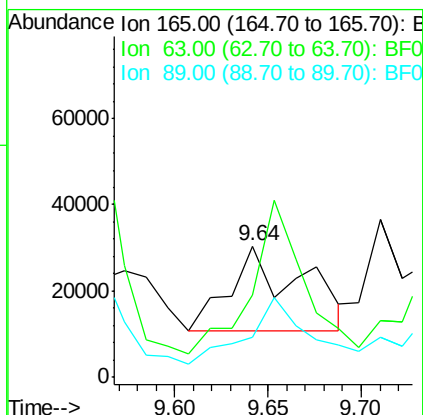
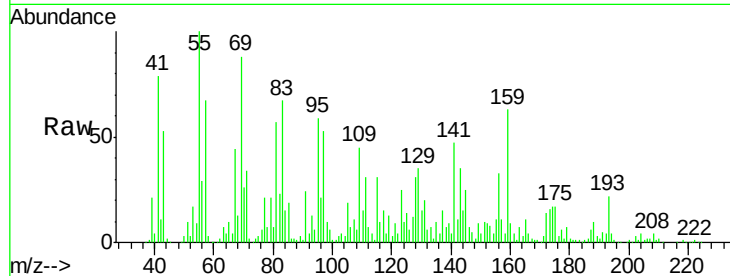




#50
2,6-Dinitrotoluene
Concen: 21.76 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

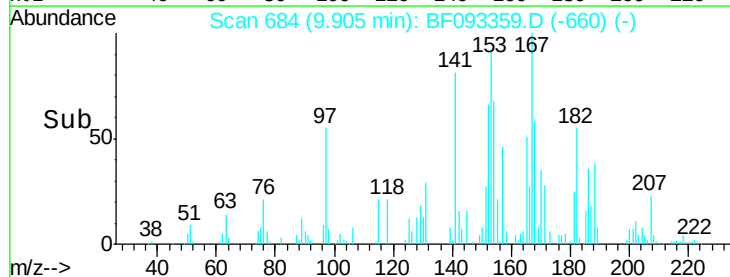
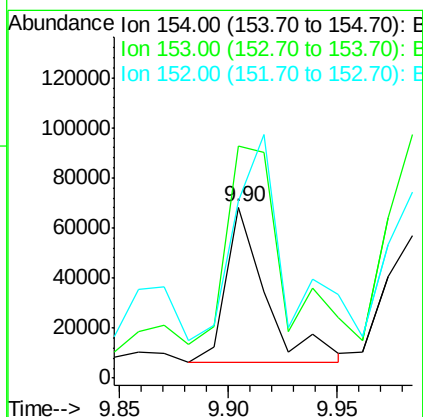
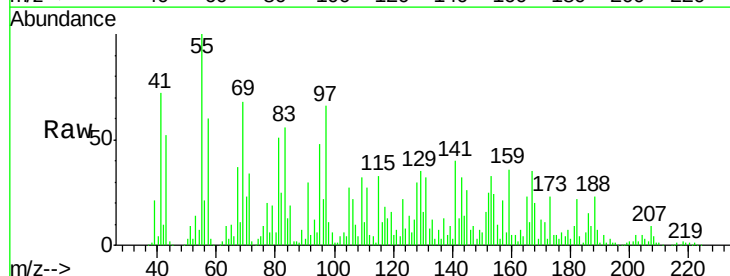
Instrument :
BNA_F
ClientSampleId :
24B-25

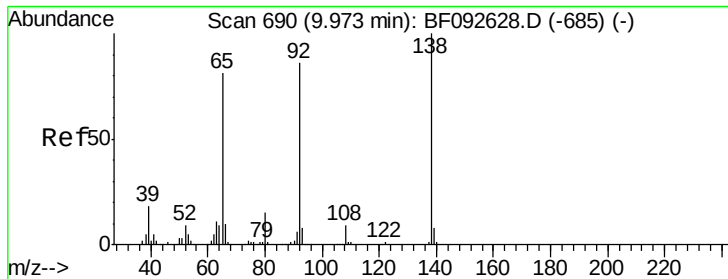
Tot Ion:165 Resp: 51734
Ion Ratio Lower Upper
165 100
63 63.2 36.2 54.4#
89 30.3 40.2 60.4#



#51
Acenaphthene
Concen: 8.36 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:154 Resp: 79996
Ion Ratio Lower Upper
154 100
153 135.5 88.6 133.0#
152 103.5 41.6 62.4#





#52

3-Nitroaniline

Concen: 10.67 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

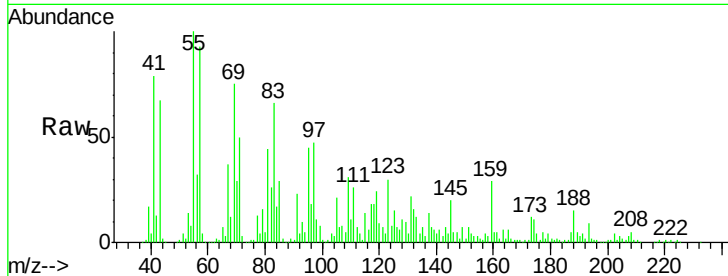
Tot Ion:138 Resp: 29049

Ion Ratio Lower Upper

138 100

108 70.1 8.5 12.7#

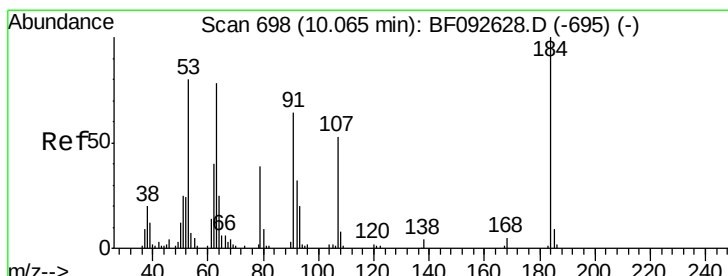
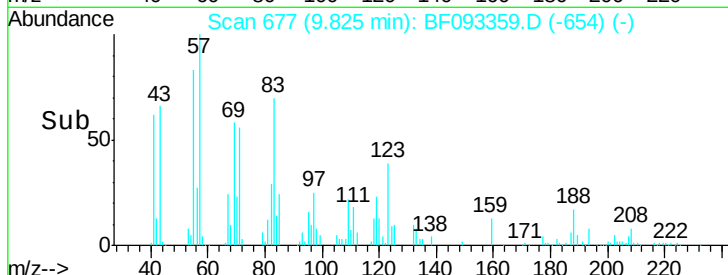
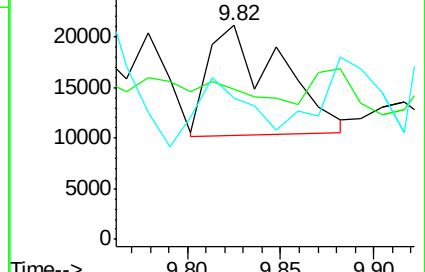
92 66.2 97.8 146.8#



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: 6.90 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

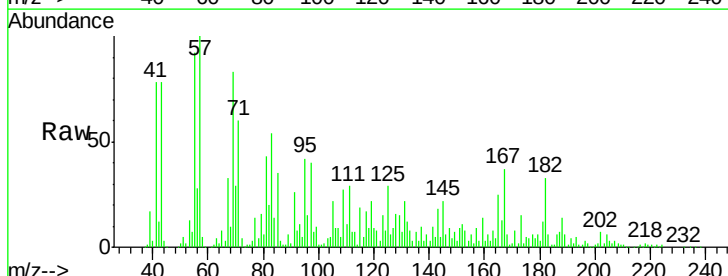
Tgt Ion:184 Resp: 2784

Ion Ratio Lower Upper

184 100

63 603.1 28.4 42.6#

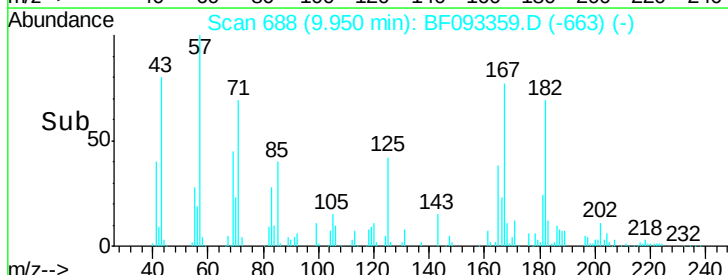
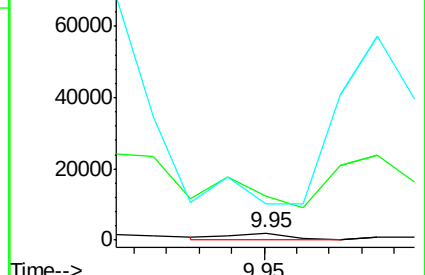
154 489.3 44.3 66.5#

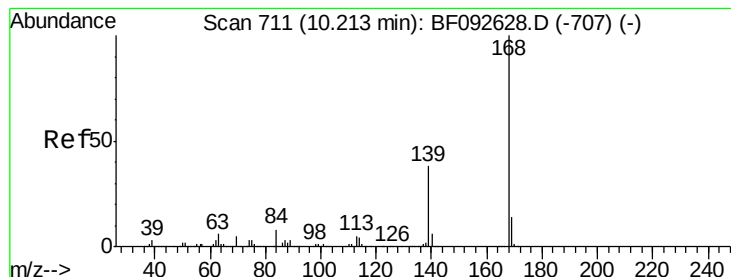


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 6.19 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

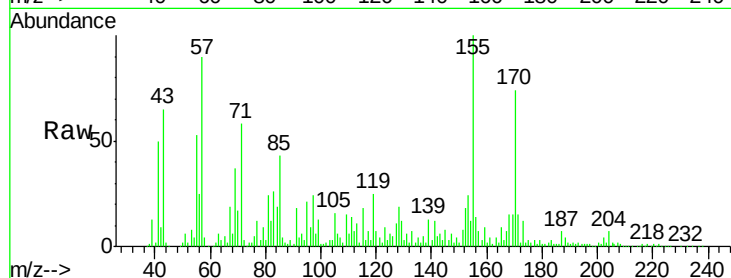
Tot Ion:168 Resp: 79225

Ion Ratio Lower Upper

168 100

139 85.3 32.6 49.0#

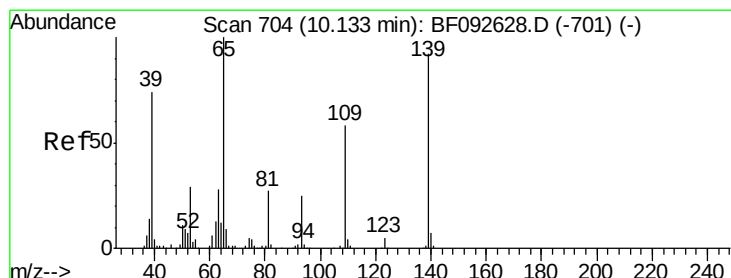
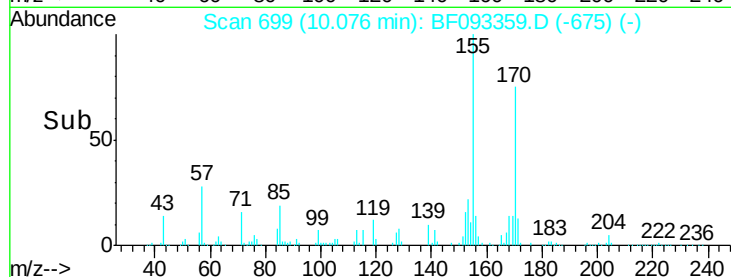
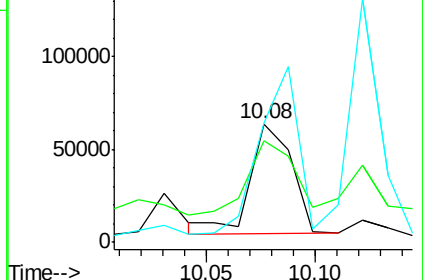
169 100.9 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 31.25 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.03 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

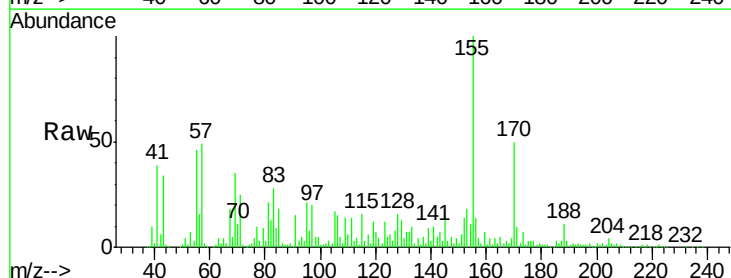
Tgt Ion:139 Resp: 61254

Ion Ratio Lower Upper

139 100

109 164.7 52.2 92.2#

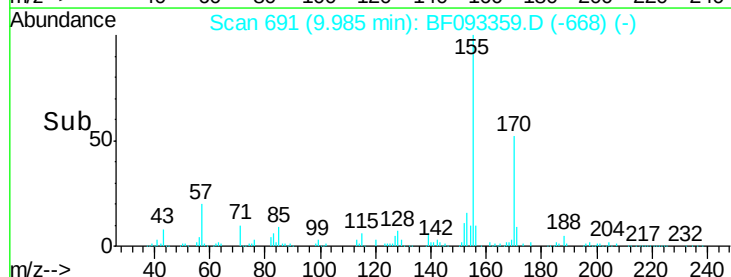
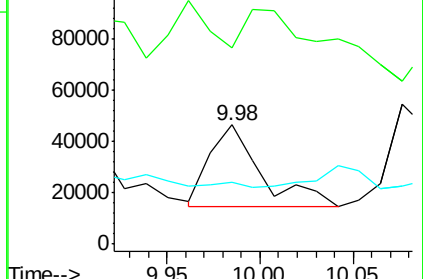
65 52.0 85.8 125.8#

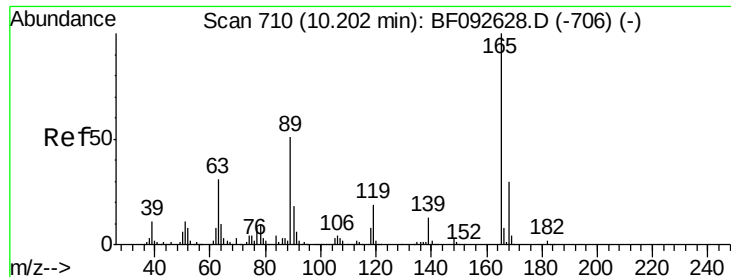


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

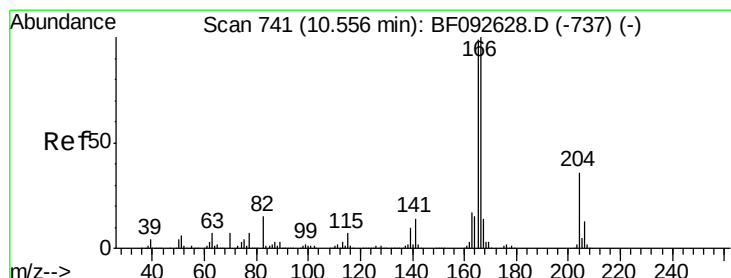
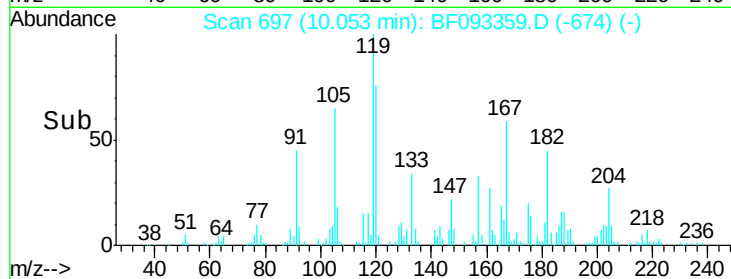
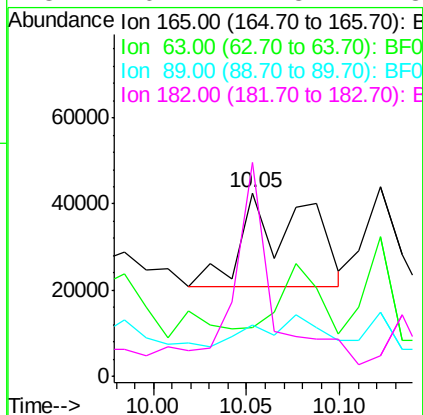
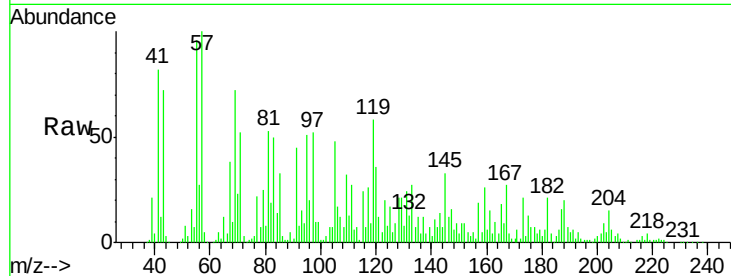




#56
2,4-Dinitrotoluene
Concen: 16.77 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

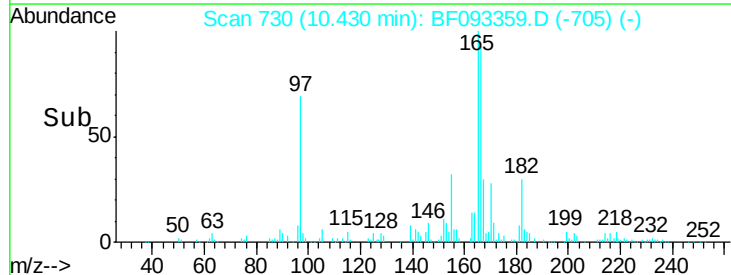
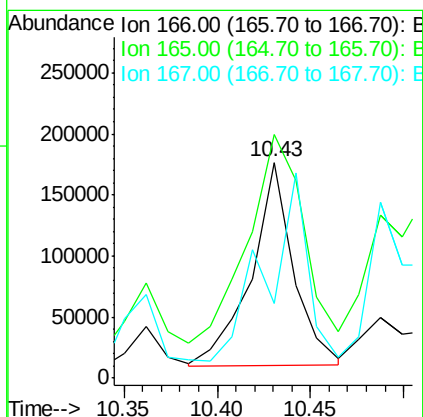
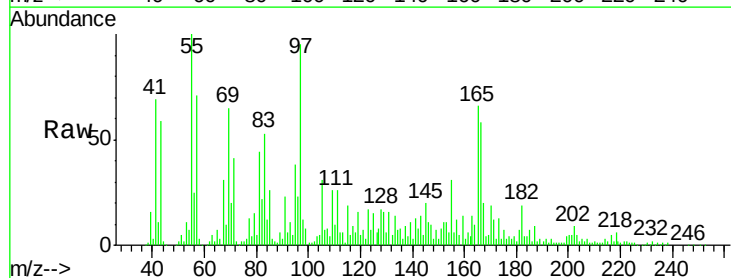
Instrument :
BNA_F
ClientSampled :
24B-25

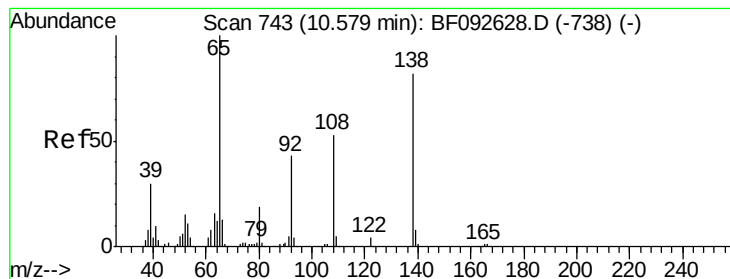
Tot Ion:165 Resp: 53096
Ion Ratio Lower Upper
165 100
63 26.7 40.2 60.4#
89 28.3 62.5 93.7#
182 116.7 1.8 2.8#



#57
Fluorene
Concen: 26.87 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:166 Resp: 264399
Ion Ratio Lower Upper
166 100
165 113.0 77.8 116.8
167 34.8 10.8 16.2#

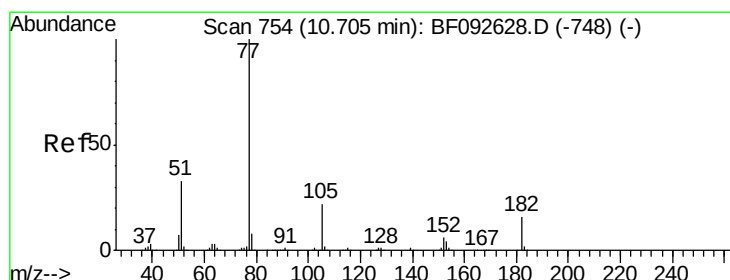
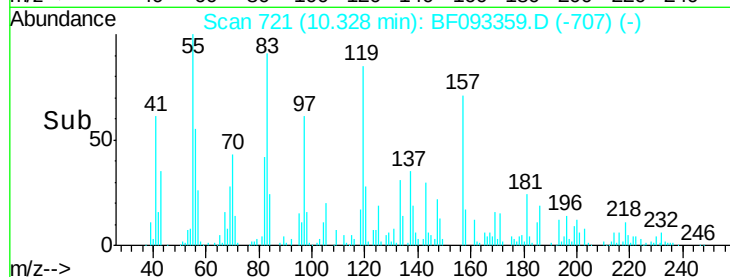
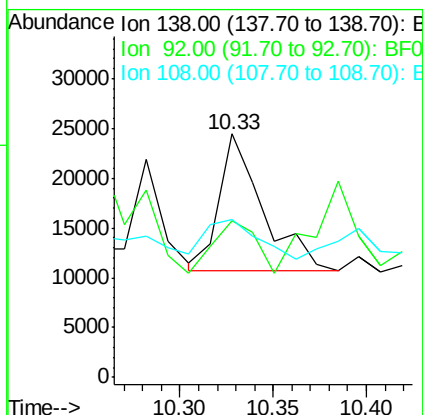
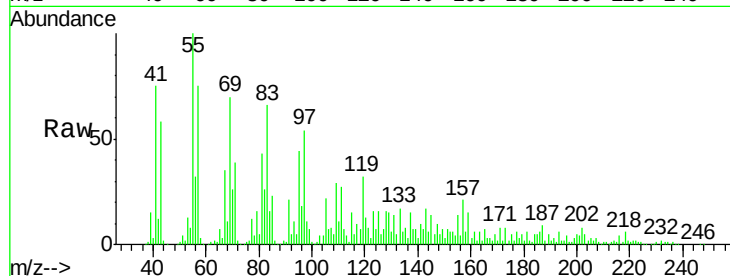




#61
4-Nitroaniline
Concen: 7.99 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.14 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

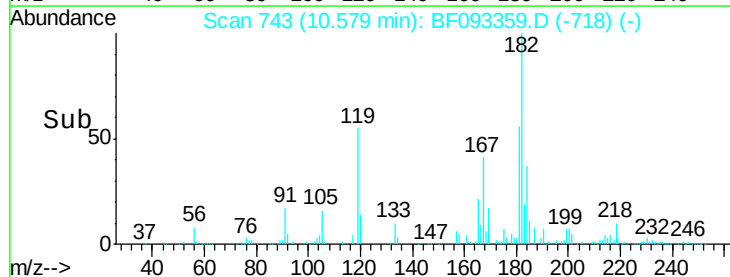
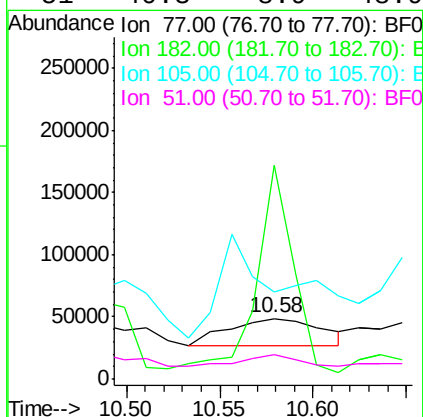
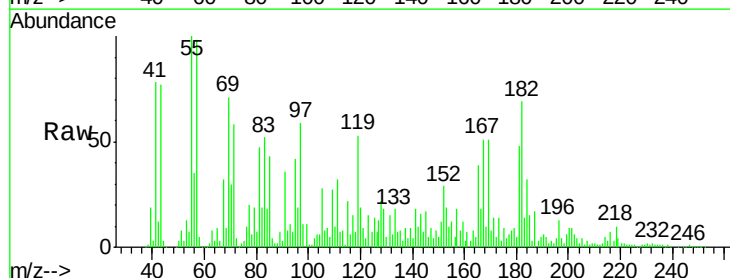
Instrument :
BNA_F
ClientSampleId :
24B-25

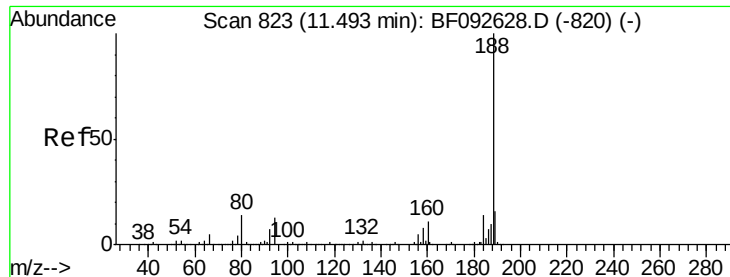
Tot Ion:138 Resp: 22258
Ion Ratio Lower Upper
138 100
92 64.2 31.7 71.7
108 64.9 52.6 92.6



#62
Azobenzene
Concen: 7.33 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion: 77 Resp: 78555
Ion Ratio Lower Upper
77 100
182 352.5 0.0 39.3#
105 144.5 2.3 42.3#
51 40.3 8.9 48.9

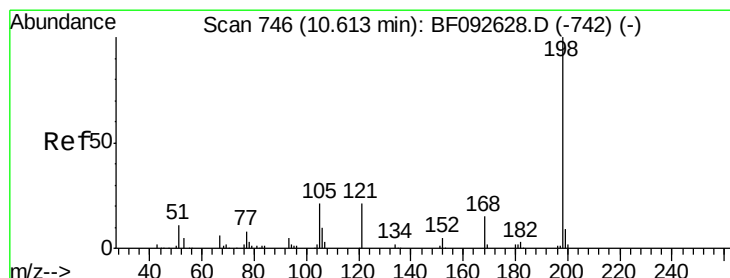
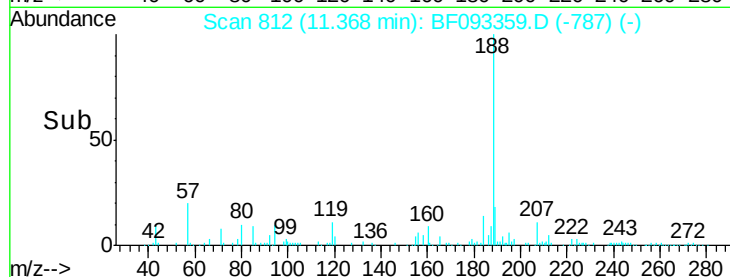
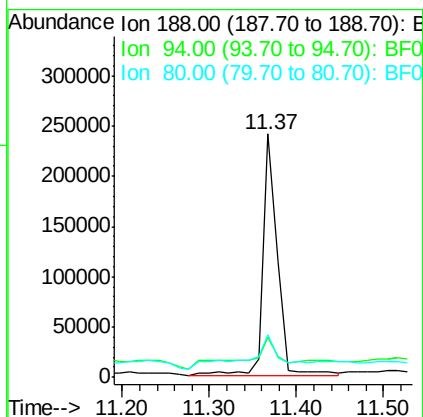
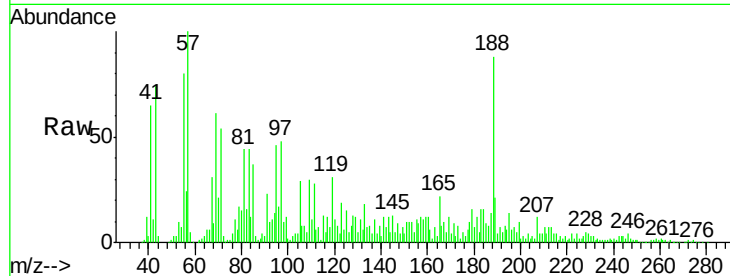




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

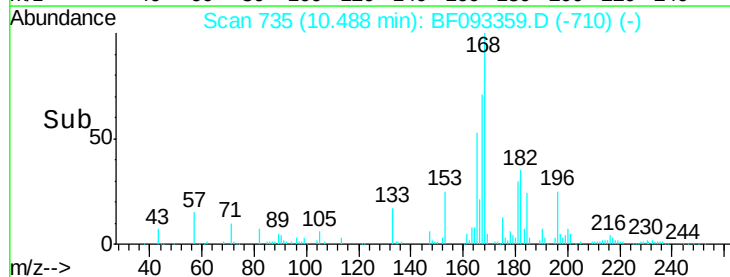
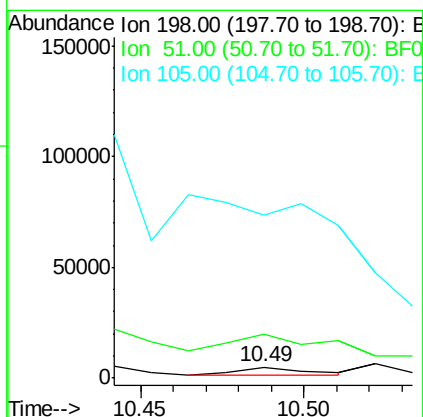
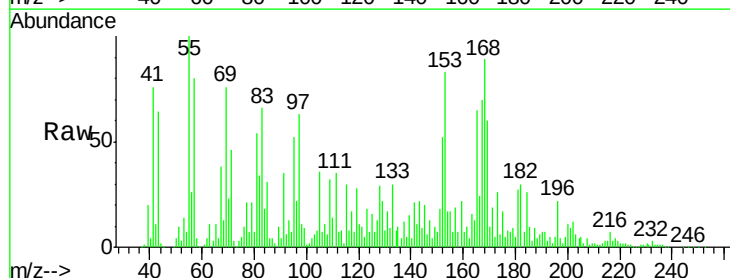
Instrument :
BNA_F
ClientSampleId :
24B-25

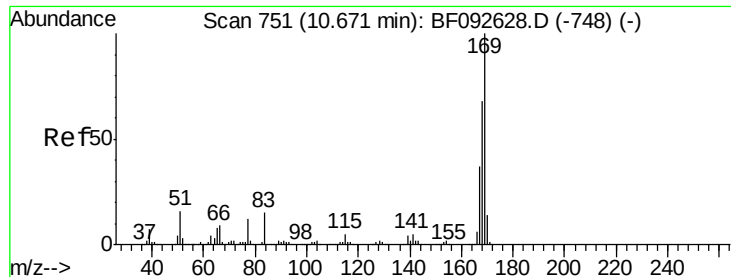
Tot Ion:188 Resp: 278223
Ion Ratio Lower Upper
188 100
94 16.3 10.0 15.0#
80 17.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.48 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:198 Resp: 5033
Ion Ratio Lower Upper
198 100
51 401.7 6.7 46.7#
105 1509.9 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 34.71 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

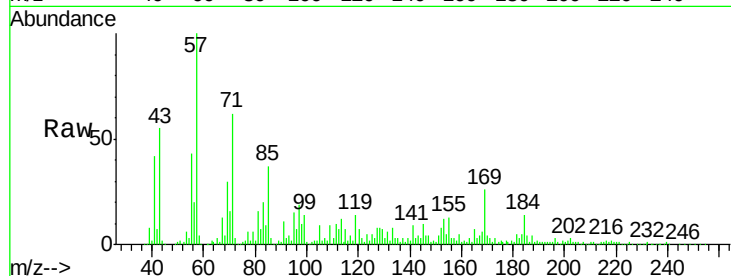
Tot Ion:169 Resp: 308505

Ion Ratio Lower Upper

169 100

168 21.3 54.2 81.2#

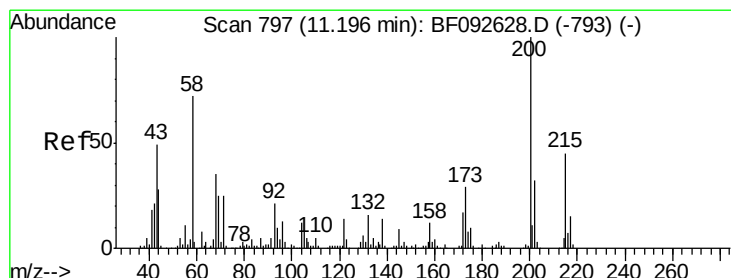
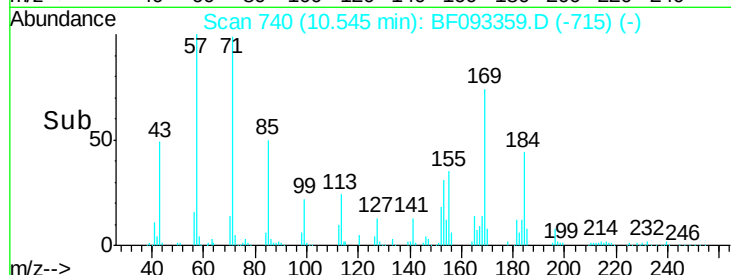
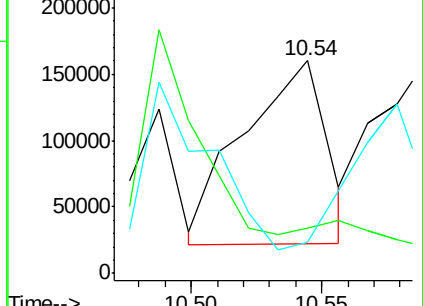
167 14.8 30.2 45.4#



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



#68

Atrazine

Concen: 4.75 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

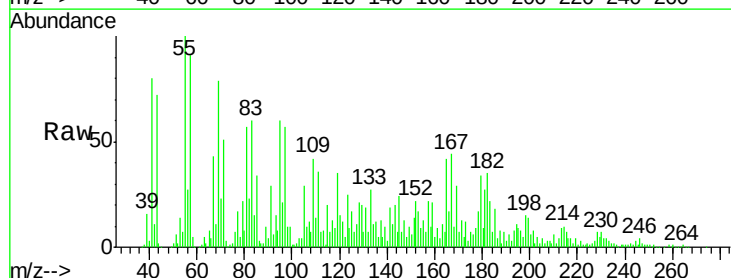
Tgt Ion:200 Resp: 13547

Ion Ratio Lower Upper

200 100

173 205.4 9.6 49.6#

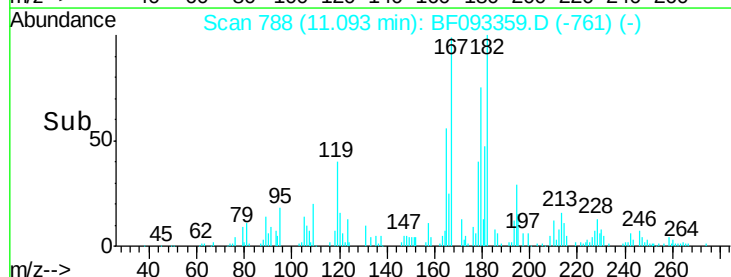
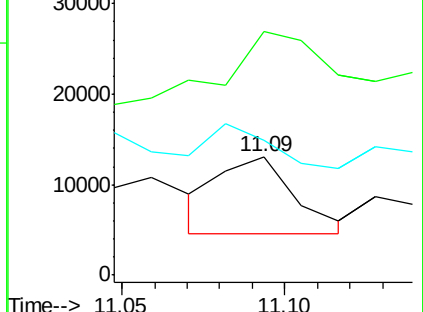
215 114.2 25.7 65.7#

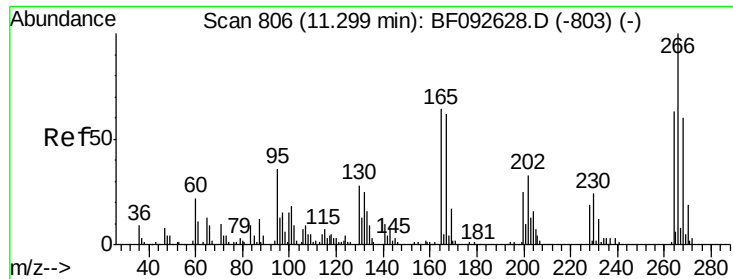


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

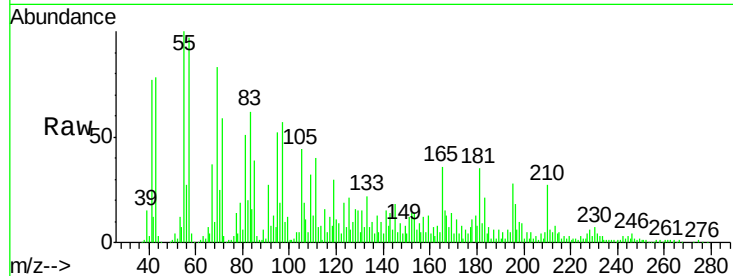




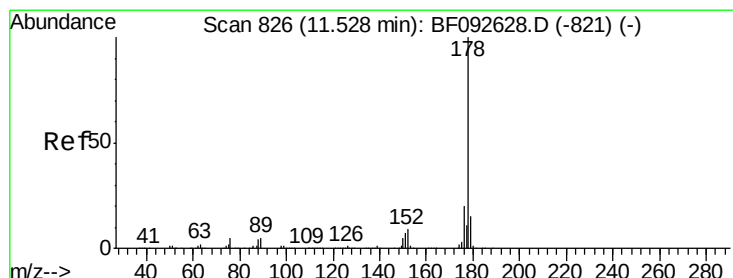
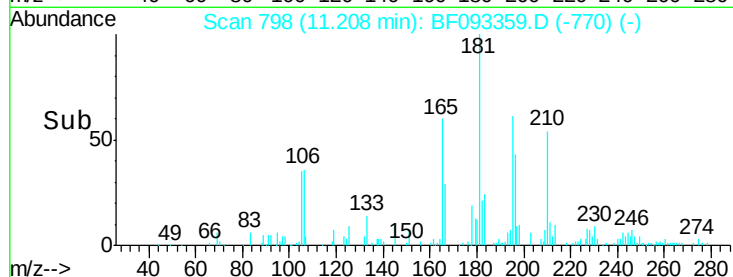
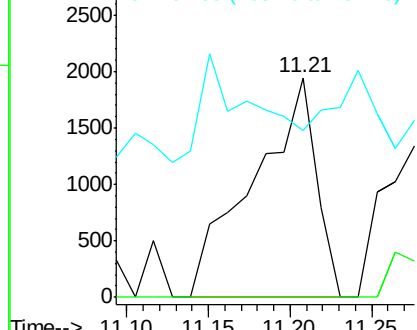
#69
 Pentachlorophenol
 Concen: 10.40 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.02 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 24B-25

Tot Ion:266 Resp: 5213
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.3 79.9#
 264 76.1 50.3 75.5#

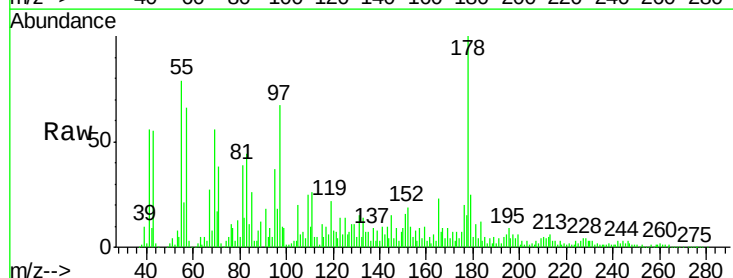


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

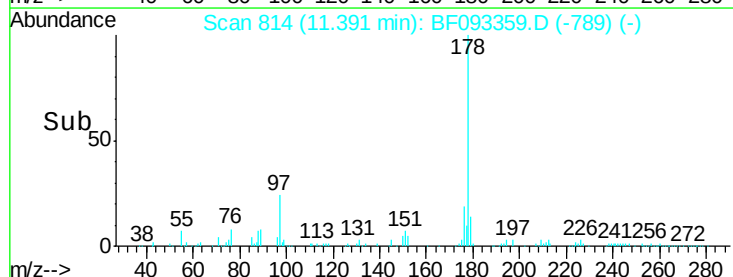
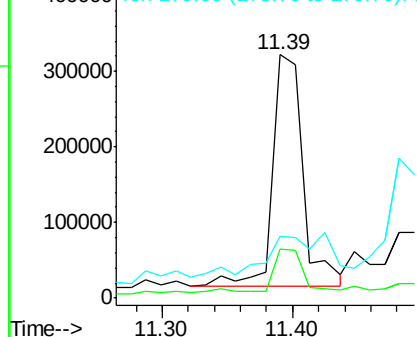


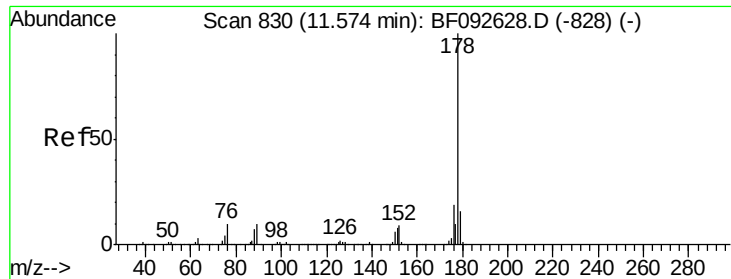
#70
 Phenanthrene
 Concen: 31.33 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093359.D
 Acq: 3 Mar 2017 13:23

Tgt Ion:178 Resp: 499424
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 25.3 12.8 19.2#



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





#71

Anthracene

Concen: 8.78 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.02 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

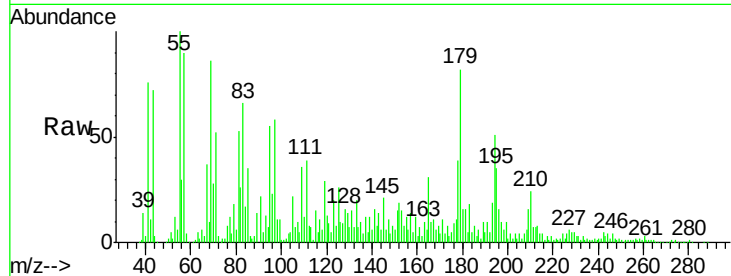
Tot Ion:178 Resp: 140519

Ion Ratio Lower Upper

178 100

176 22.8 15.9 23.9

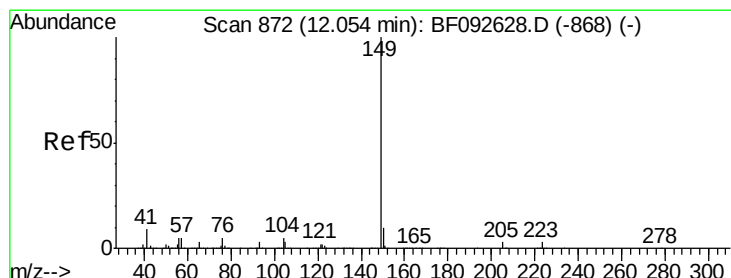
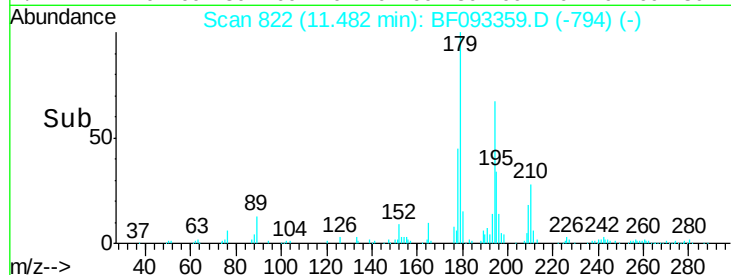
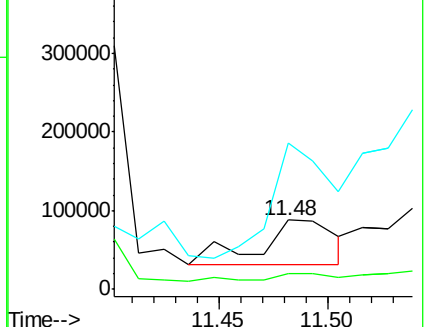
179 211.8 13.2 19.8#



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: 2.44 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

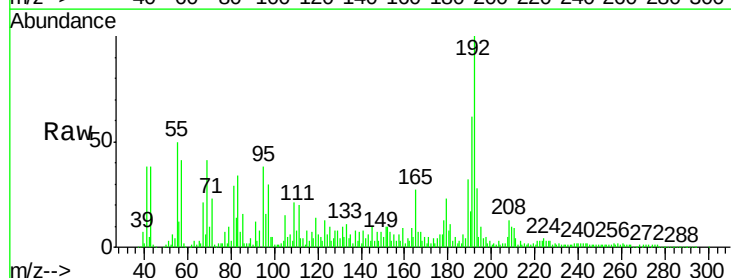
Tgt Ion:149 Resp: 40304

Ion Ratio Lower Upper

149 100

150 75.7 8.1 12.1#

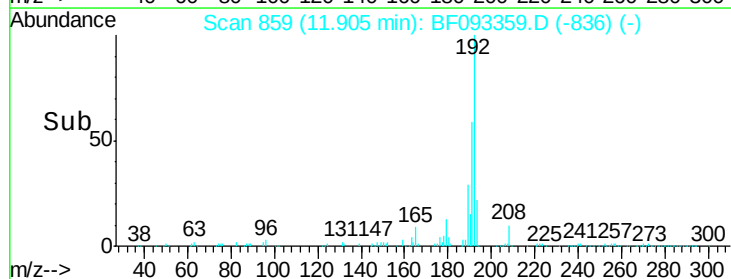
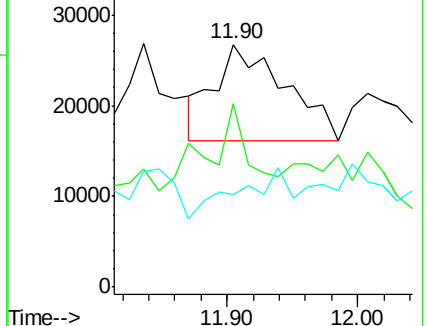
104 38.1 4.6 7.0#

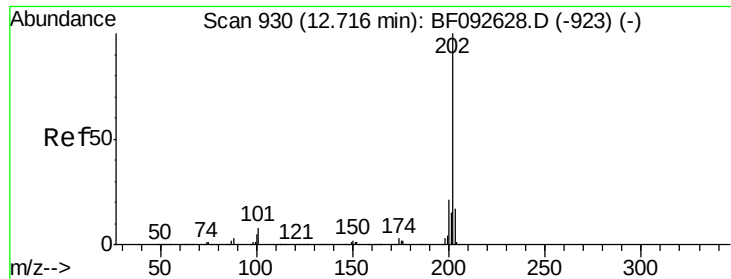


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

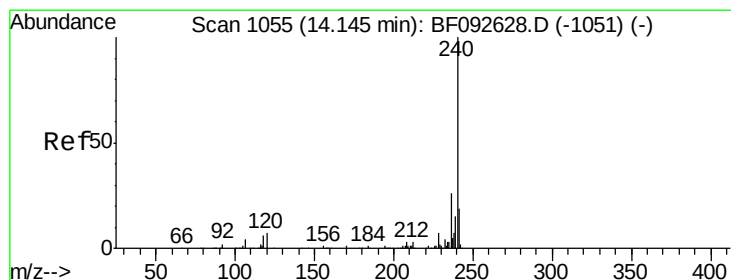
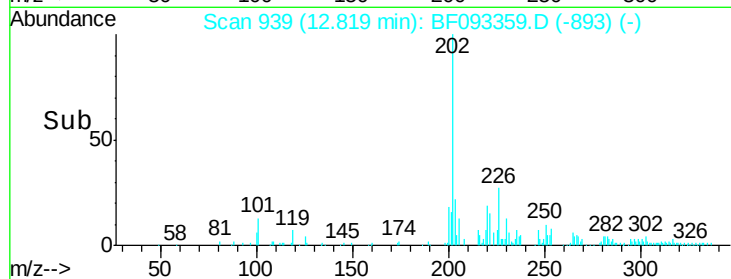
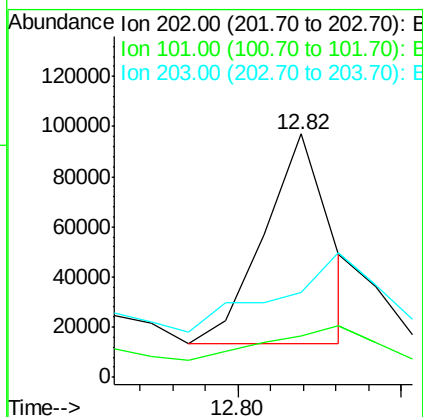
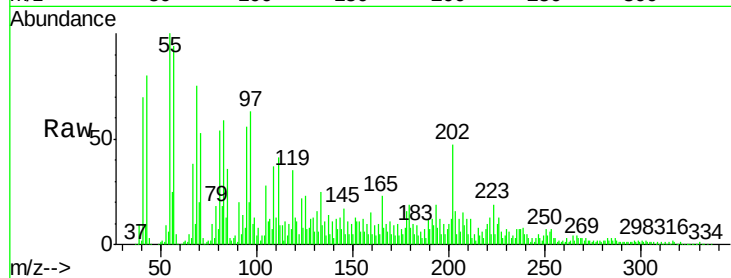




#74
Fluoranthene
Concen: 7.17 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.23 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

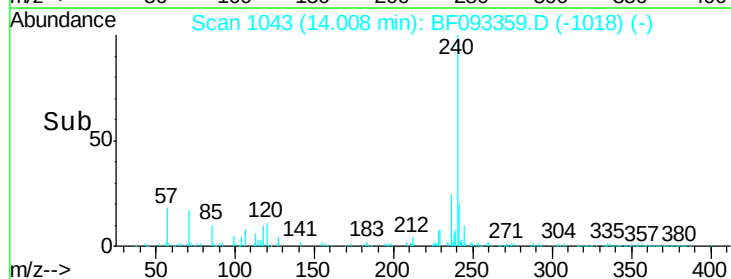
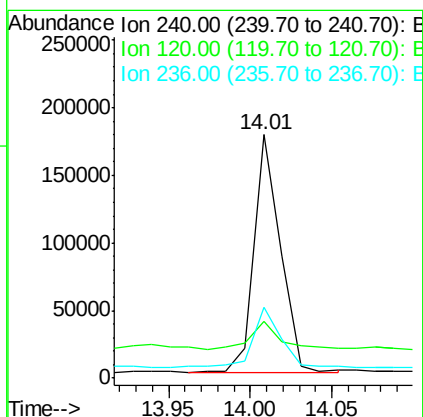
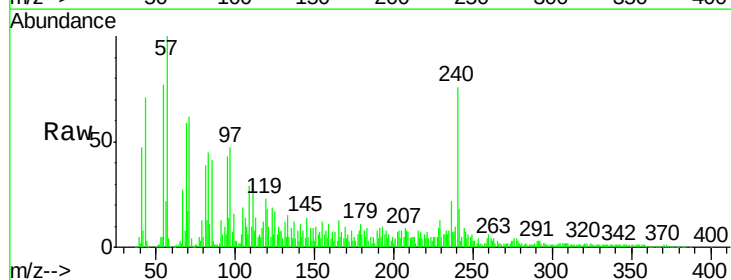
Instrument :
BNA_F
ClientSampleId :
24B-25

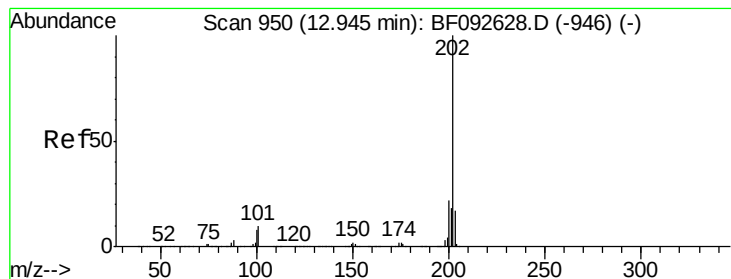
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	34.6
203	34.7	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	23.1	12.9	19.3#
236	28.9	20.9	31.3





#77

Pvrene

Concen: 9.34 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

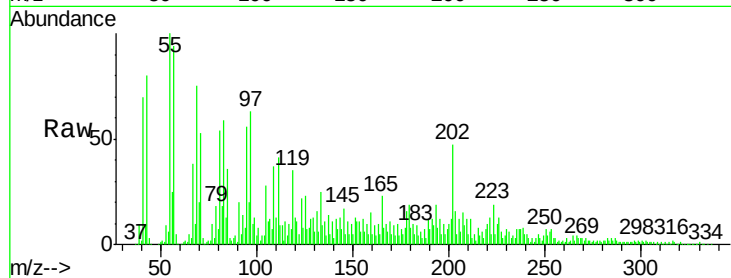
Tot Ion:202 Resp: 136017

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

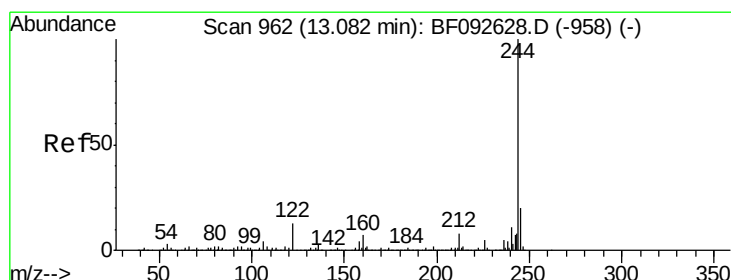
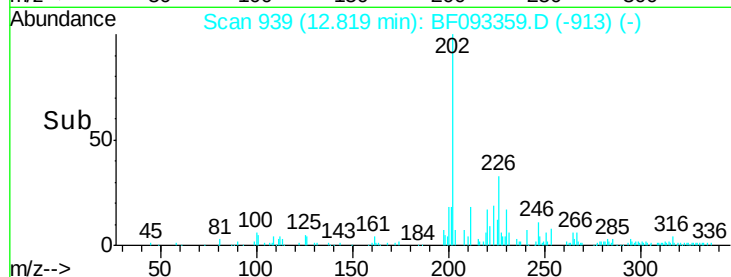
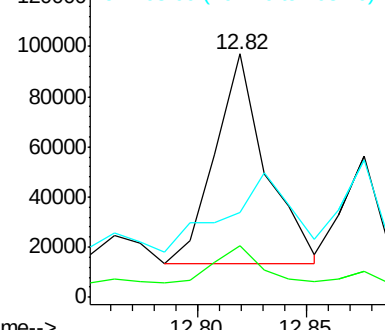
203 34.7 14.7 22.1#



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: 36.39 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

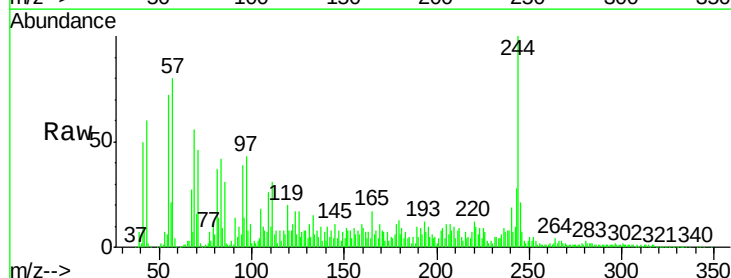
Tgt Ion:244 Resp: 301517

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

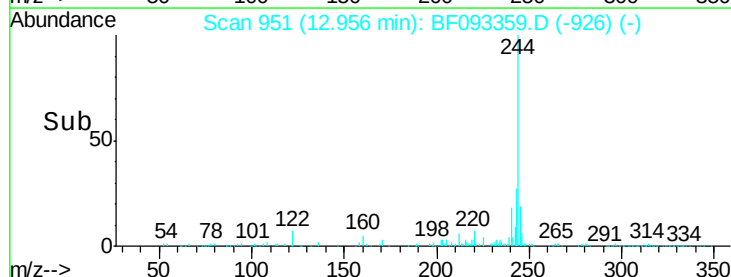
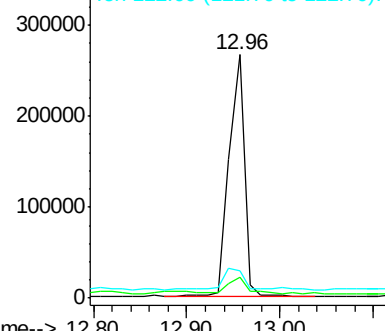
122 11.0 11.4 17.2#

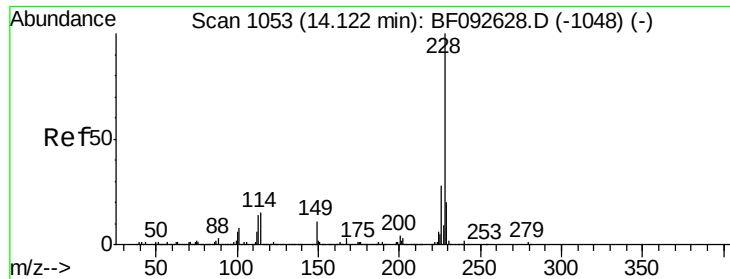


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 11.16 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

Instrument :

BNA_F

ClientSampleId :

24B-25

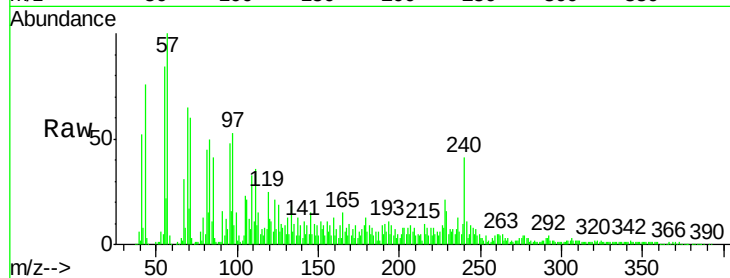
Tot Ion:228 Resp: 132943

Ion Ratio Lower Upper

228 100

226 43.7 22.4 33.6#

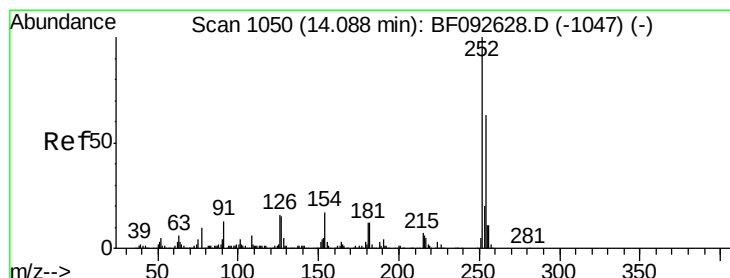
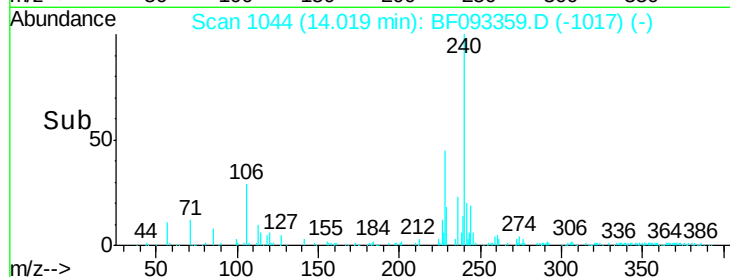
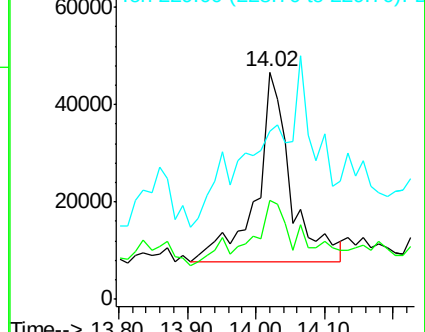
229 73.8 16.2 24.4#



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



#81

3,3'-Dichlorobenzidine

Concen: 2.09 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.02 min

Lab File: BF093359.D

Acq: 3 Mar 2017 13:23

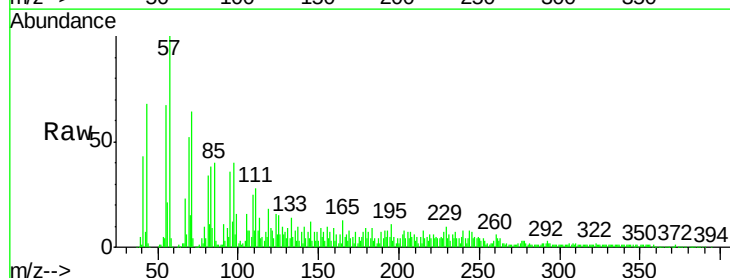
Tgt Ion:252 Resp: 8887

Ion Ratio Lower Upper

252 100

254 27.6 52.3 78.5#

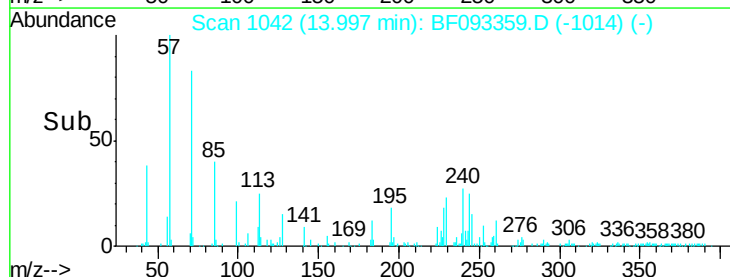
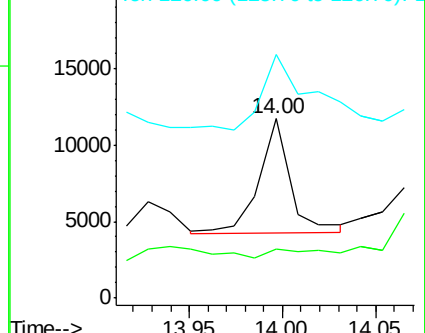
126 135.7 13.6 20.4#

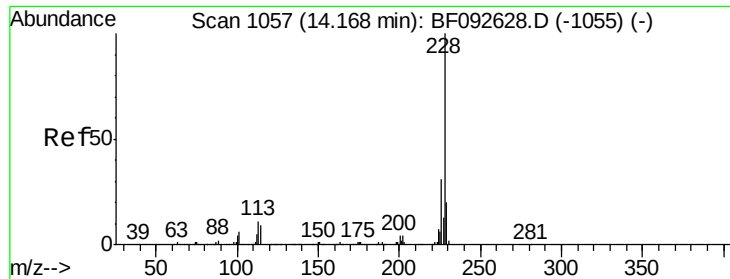


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

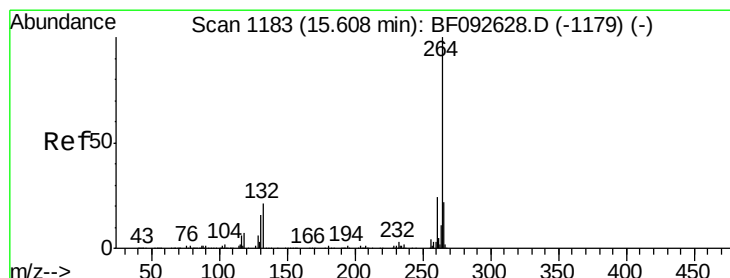
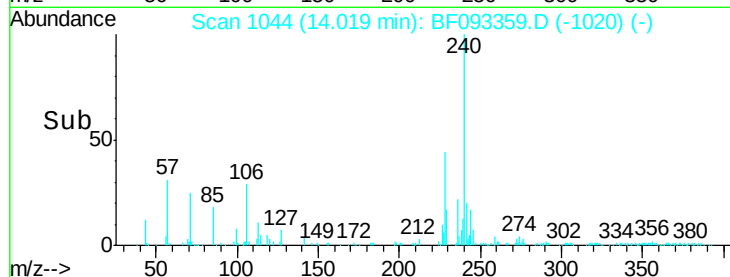
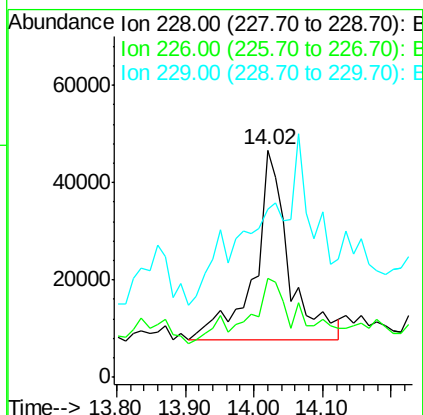
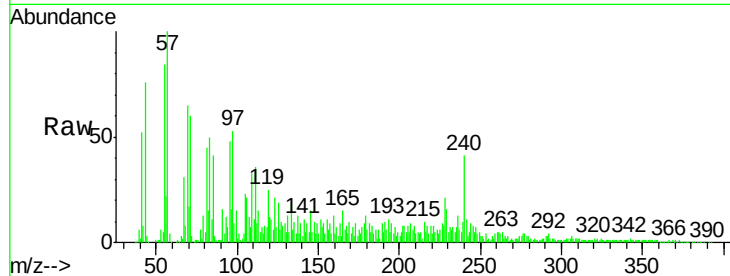




#82
Chrysene
Concen: 11.92 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

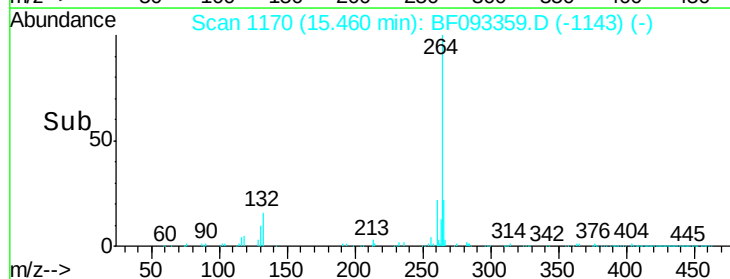
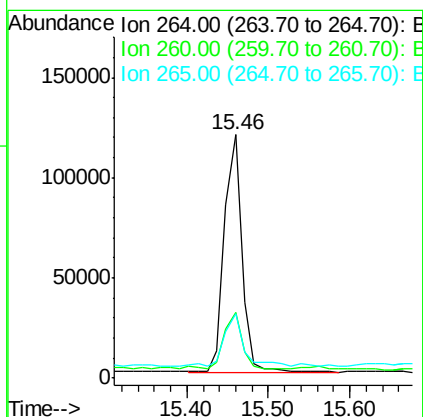
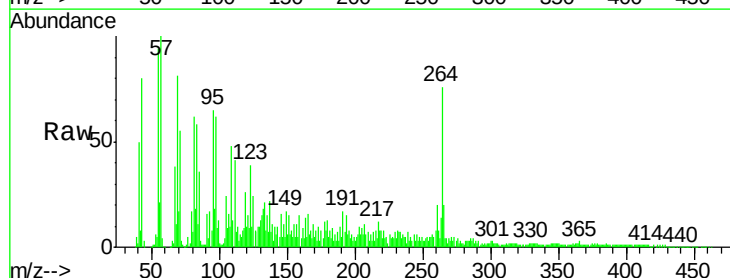
Instrument :
BNA_F
ClientSampled :
24B-25

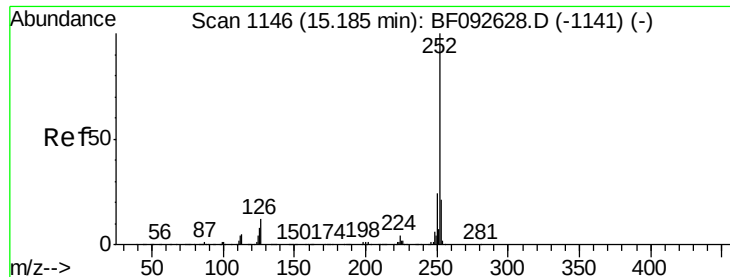
Tot Ion:228 Resp: 132943
Ion Ratio Lower Upper
228 100
226 43.7 25.4 38.0#
229 73.8 16.2 24.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion:264 Resp: 178438
Ion Ratio Lower Upper
264 100
260 26.9 19.2 28.8
265 26.2 17.4 26.0#

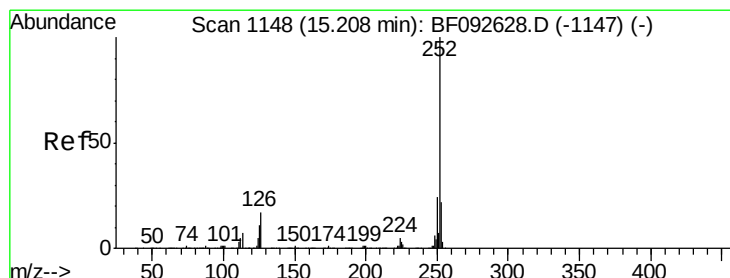
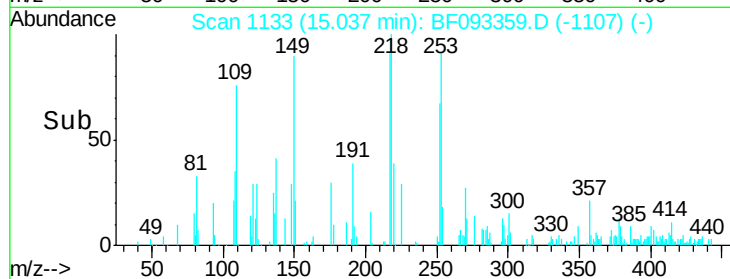
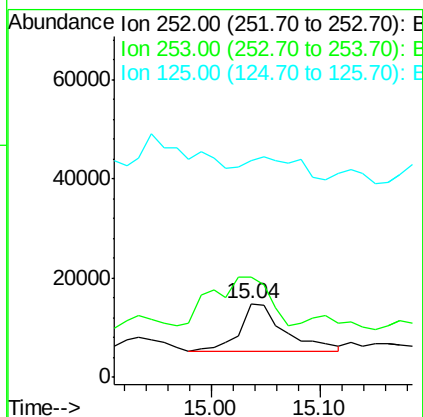
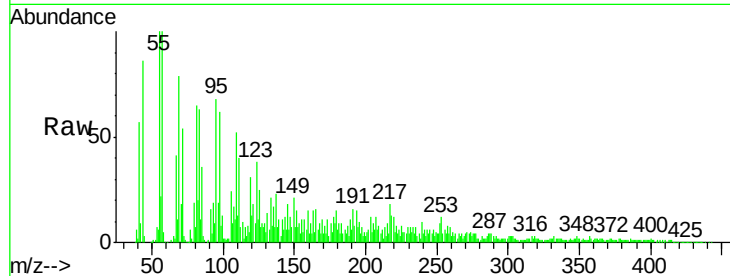




#87
Benzo(b)fluoranthene
Concen: 2.33 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Instrument :
BNA_F
ClientSampleId :
24B-25

Tot Ion	Ratio	Lower	Upper
252	100		
253	135.9	18.2	27.4#
125	294.4	9.8	14.6#



#88
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093359.D
Acq: 3 Mar 2017 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	135.9	18.5	27.7#
125	294.4	8.9	13.3#

