

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079389.D
 Acq On : 20 May 2015 20:26
 Operator : TP/IZ
 Sample : G2303-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

Quant Time: May 21 01:16:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	73373	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	276752	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	107760	20.00	ng	0.01
63) Phenanthrene-d10	12.69	188	233897	20.00	ng	0.01
75) Chrysene-d12	15.98	240	283448	20.00	ng	0.00
86) Perylene-d12	17.74	264	301135	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	414855	97.33	ng	0.00
7) Phenol-d6	6.66	99	542621	96.31	ng	0.00
23) Nitrobenzene-d5	7.78	82	320917	66.64	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	133441	114.47	ng	0.01
44) 2-Fluorobiphenyl	10.02	172	600981	77.70	ng	0.01
78) Terphenyl-d14	14.69	244	667071	56.34	ng	0.01

Target Compounds

						Qvalue
18) Hexachloroethane	7.68	117	14308	7.43	ng	# 1
19) n-Nitroso-di-n-propylamine	7.59	70	34593	9.09	ng	# 87
22) Acetophenone	7.59	105	125388	20.05	ng	# 41
24) Nitrobenzene	7.76	77	40727	8.53	ng	# 28
25) Isophorone	8.08	82	45822	5.13	ng	# 1
26) 2-Nitrophenol	8.22	139	4065	2.06	ng	# 1
31) Naphthalene	8.70	128	251752	19.09	ng	# 82
35) Caprolactam	9.19	113	17681	15.55	ng	# 1
37) 2-Methylnaphthalene	9.55	142	566031	61.94	ng	# 95
42) 2,4,6-Trichlorophenol	9.93	196	4883	2.34	ng	# 12
45) 1,1'-Biphenyl	10.14	154	124615	14.55	ng	# 94
47) 2-Nitroaniline	10.34	65	23633	12.21	ng	# 32
48) Acenaphthylene	10.67	152	63299	5.77	ng	# 24
49) Dimethylphthalate	10.52	163	70163	8.87	ng	# 89
50) 2,6-Dinitrotoluene	10.60	165	4626	2.96	ng	# 82
51) Acenaphthene	10.89	154	100719	15.39	ng	# 93
52) 3-Nitroaniline	10.78	138	19001	9.75	ng	# 34
53) 2,4-Dinitrophenol	10.95	184	1718	6.46	ng	# 1
54) Dibenzofuran	11.10	168	44131	4.67	ng	# 1
55) 4-Nitrophenol	11.04	139	12857	8.33	ng	# 8
56) 2,4-Dinitrotoluene	11.12	165	41316	20.02	ng	# 63
57) Fluorene	11.53	166	215867	27.83	ng	# 86
59) Diethylphthalate	11.42	149	56116	7.16	ng	# 49
64) 4,6-Dinitro-2-methylphenol	11.55	198	1248	2.70	ng	# 1
65) n-Nitrosodiphenylamine	11.69	169	410534	52.70	ng	# 51
68) Atrazine	12.33	200	35947	15.87	ng	# 65
69) Pentachlorophenol	12.45	266	1452	7.66	ng	# 1
70) Phenanthrene	12.72	178	675044	51.59	ng	# 97
71) Anthracene	12.72	178	626937	48.84	ng	# 96
74) Fluoranthene	14.19	202	78399	5.75	ng	# 84
77) Pyrene	14.47	202	415325	25.43	ng	# 91
80) Benzo(a)anthracene	16.00	228	452570	29.16	ng	# 62
82) Chrysene	16.00	228	434073	29.08	ng	# 67
83) Bis(2-ethylhexyl)phthalate	16.02	149	85836	7.94	ng	# 95

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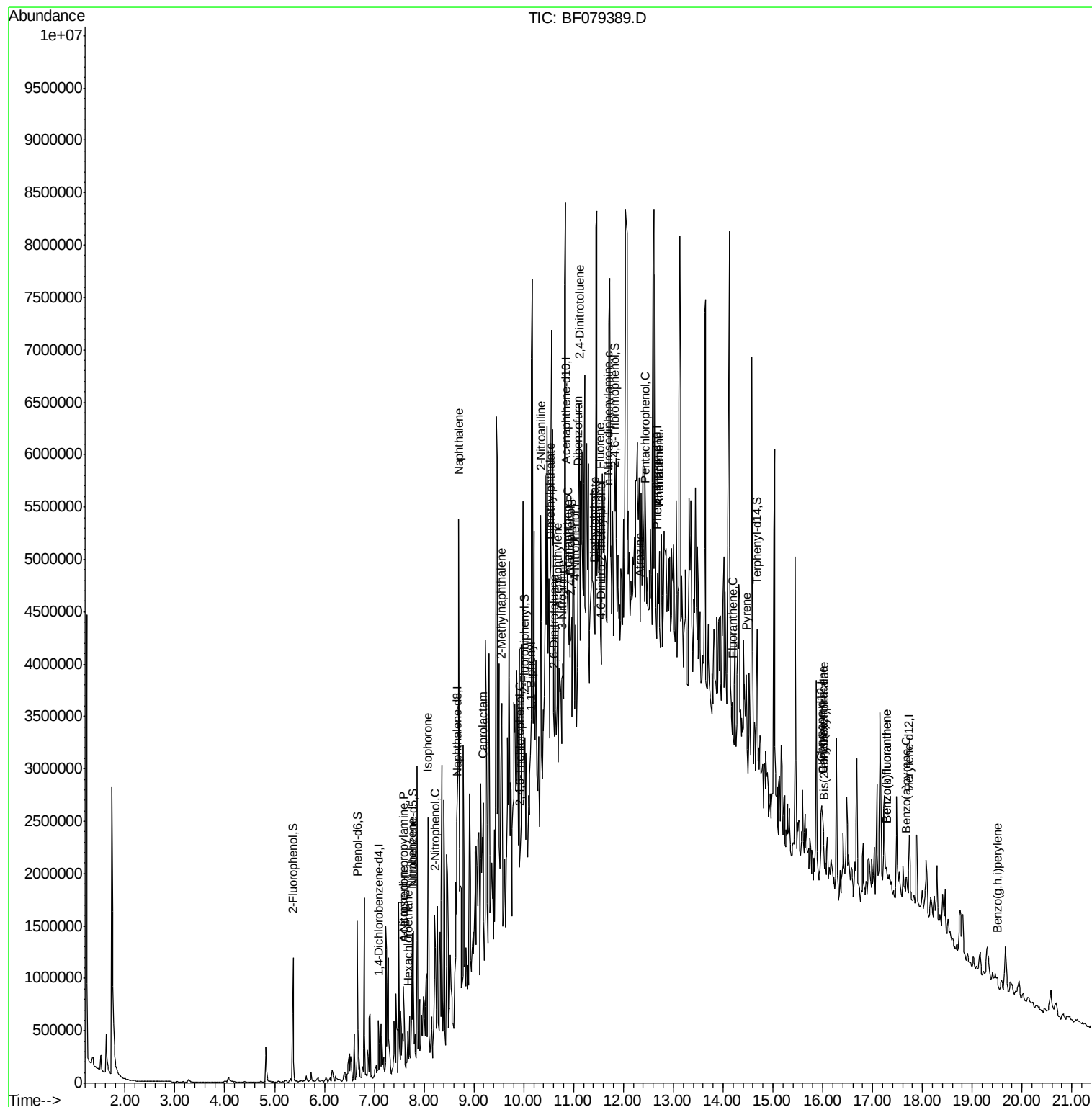
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	17.28	252	64936	3.94	ng	# 48
88) Benzo(k)fluoranthene	17.28	252	64936	4.07	ng	# 47
89) Benzo(a)pyrene	17.67	252	84408	5.56	ng	# 55
91) Benzo(g,h,i)perylene	19.50	276	47856	2.96	ng	# 72

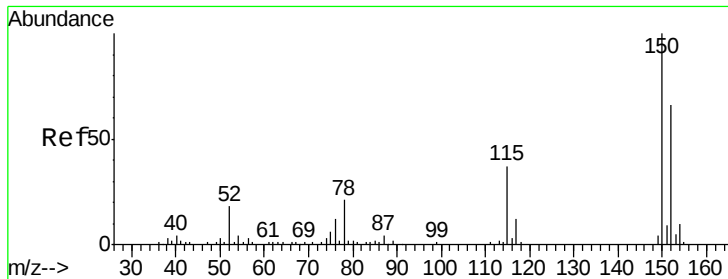
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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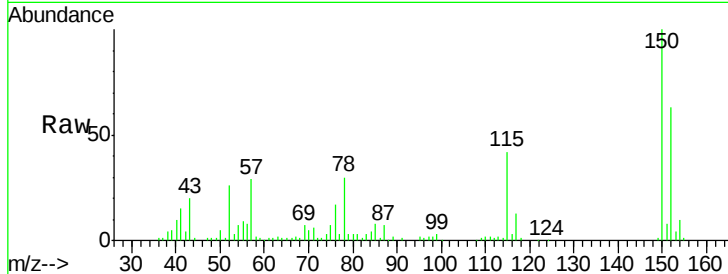




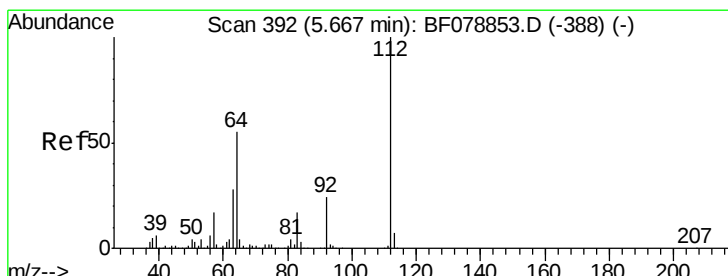
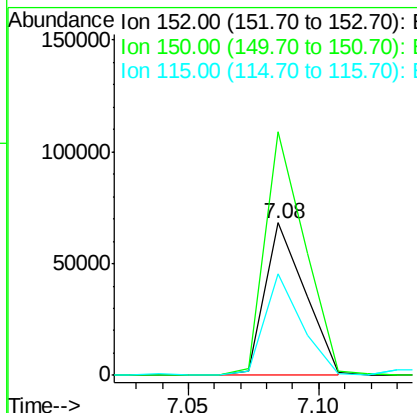
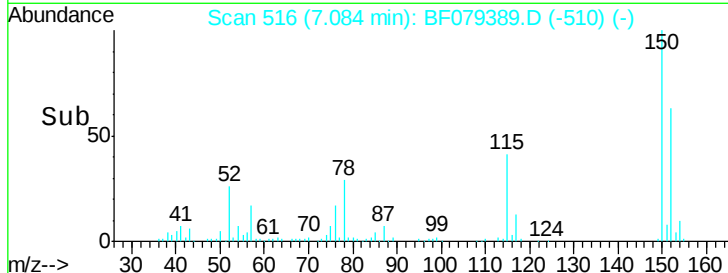
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.08 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

Tgt Ion:152 Resp: 73373
 Ion Ratio Lower Upper
 152 100
 150 159.6 123.8 185.8
 115 66.4 49.4 74.0

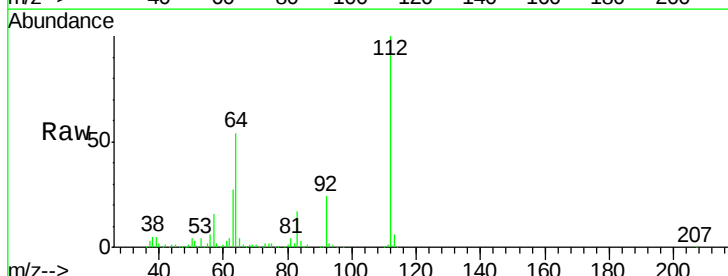


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

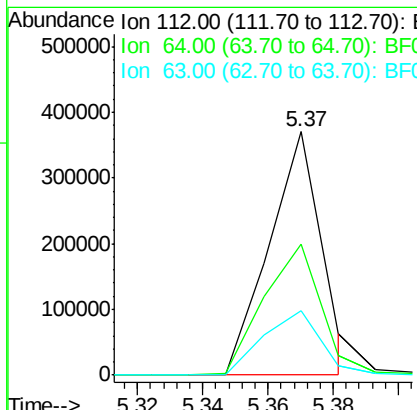
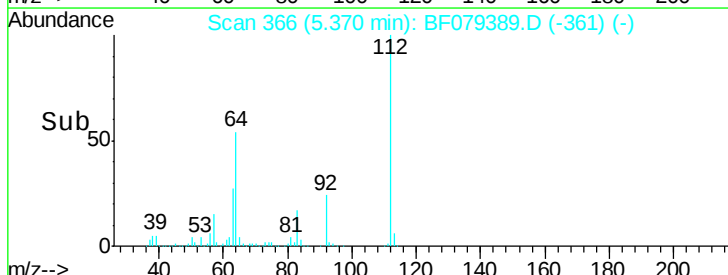


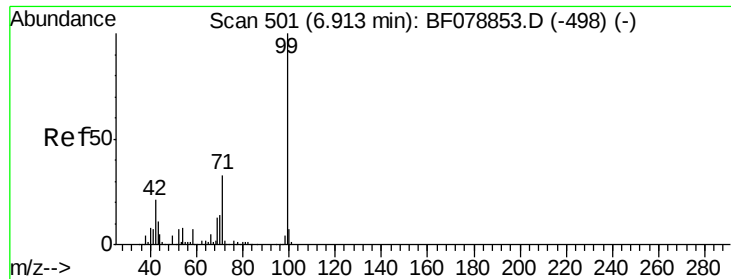
#5
 2-Fluorophenol
 Concen: 97.33 ng
 RT: 5.37 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion:112 Resp: 414855
 Ion Ratio Lower Upper
 112 100
 64 53.7 44.2 66.2
 63 26.6 22.7 34.1



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: 96.31 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

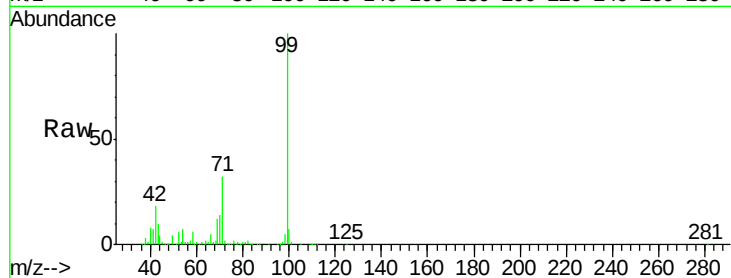
Tgt Ion: 99 Resp: 542621

Ion Ratio Lower Upper

99 100

42 18.1 17.1 25.7

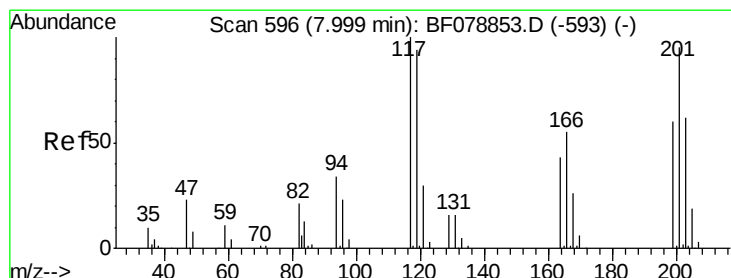
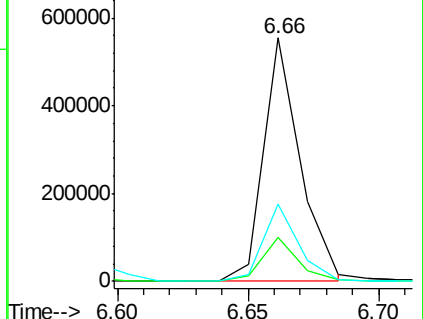
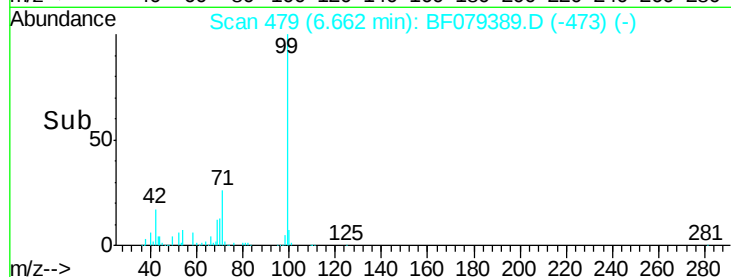
71 31.8 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF079389.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079389.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079389.D (-473) (-)



#18

Hexachloroethane

Concen: 7.43 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

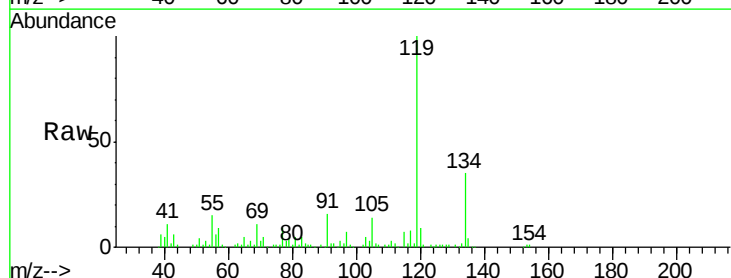
Tgt Ion: 117 Resp: 14308

Ion Ratio Lower Upper

117 100

119 1180.6 75.2 112.8#

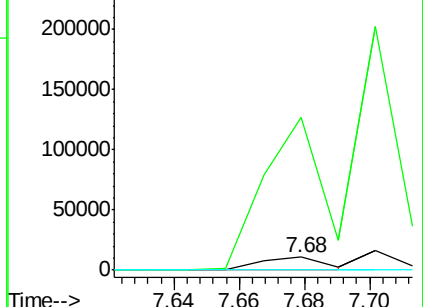
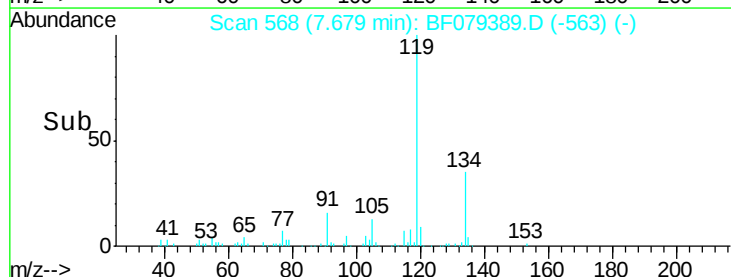
201 0.0 75.8 113.8#

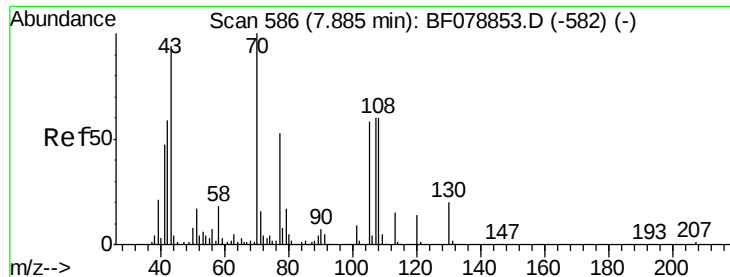


Abundance Ion 117.00 (116.70 to 117.70): BF079389.D (-563) (-)

Ion 119.00 (118.70 to 119.70): BF079389.D (-563) (-)

Ion 201.00 (200.70 to 201.70): BF079389.D (-563) (-)

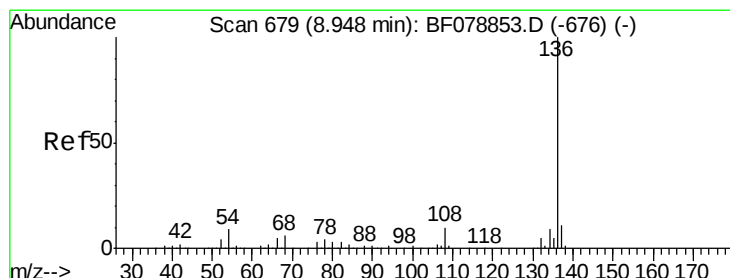
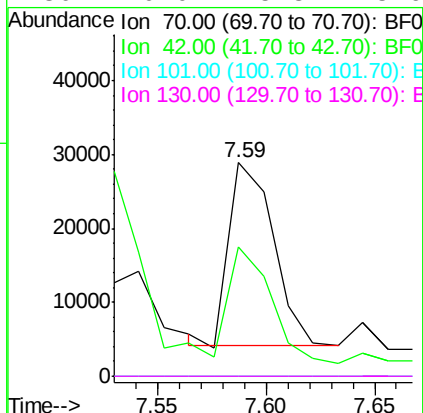
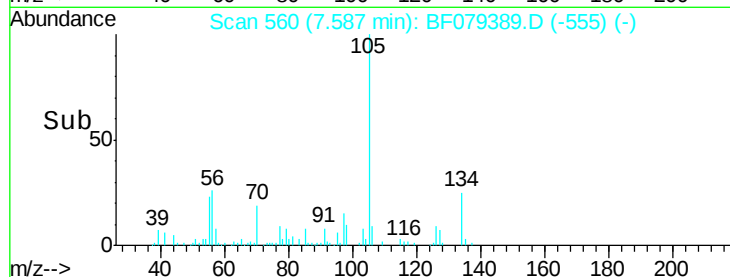
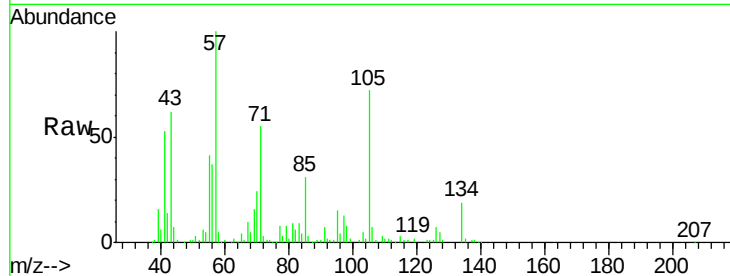




#19
n-Nitroso-di-n-propylamine
Concen: 9.09 ng
RT: 7.59 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

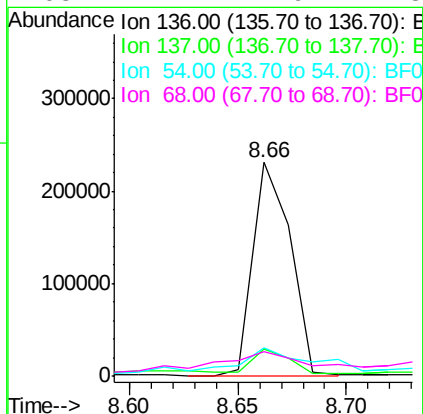
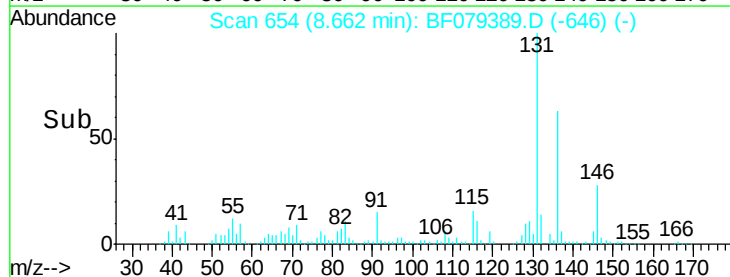
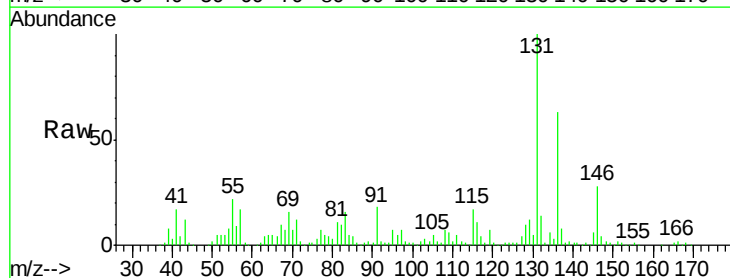
Instrument :
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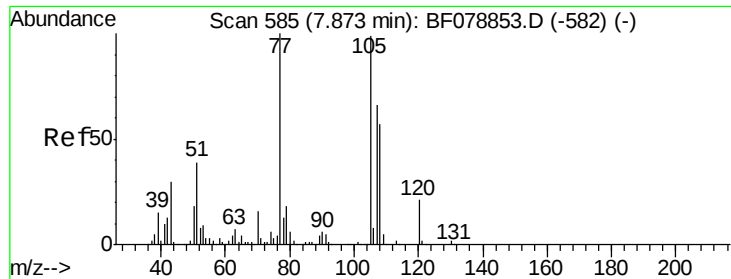
Tgt Ion: 70 Resp: 34593
Ion Ratio Lower Upper
70 100
42 60.3 47.3 70.9
101 0.0 7.5 11.3#
130 0.0 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.66 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion: 136 Resp: 276752
Ion Ratio Lower Upper
136 100
137 12.4 8.8 13.2
54 12.9 6.9 10.3#
68 11.1 4.9 7.3#





#22

Acetophenone

Concen: 20.05 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

Tgt Ion:105 Resp: 125388

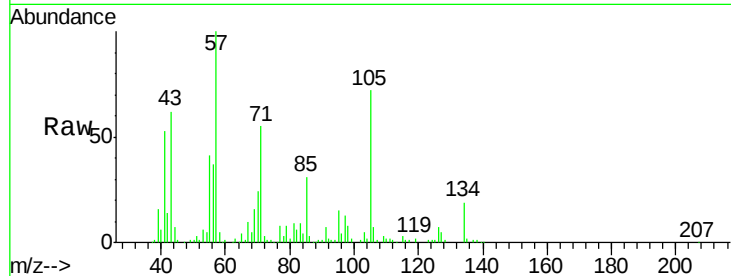
Ion Ratio Lower Upper

105 100

71 76.6 2.2 3.4#

51 4.9 31.1 46.7#

120 0.0 16.7 25.1#

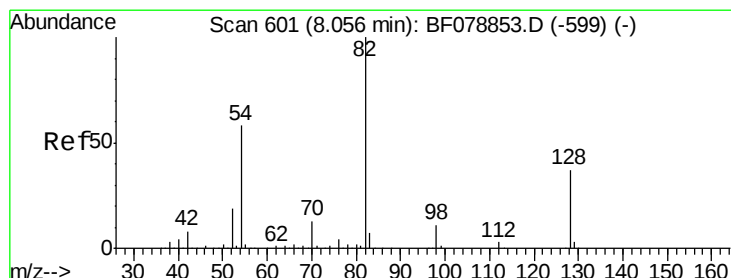
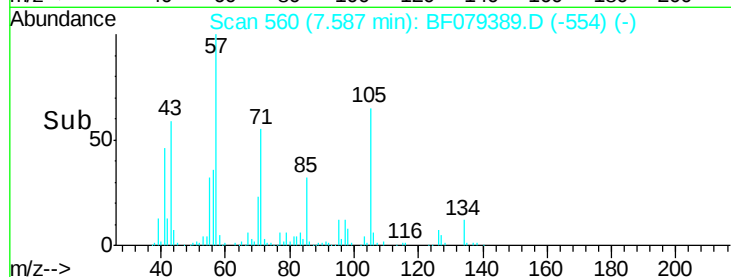
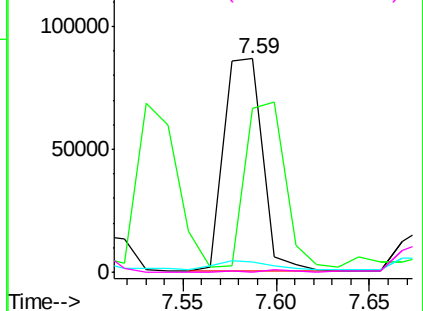


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 66.64 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

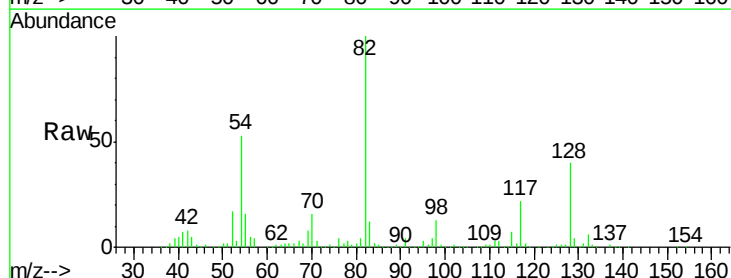
Tgt Ion: 82 Resp: 320917

Ion Ratio Lower Upper

82 100

128 40.1 29.7 44.5

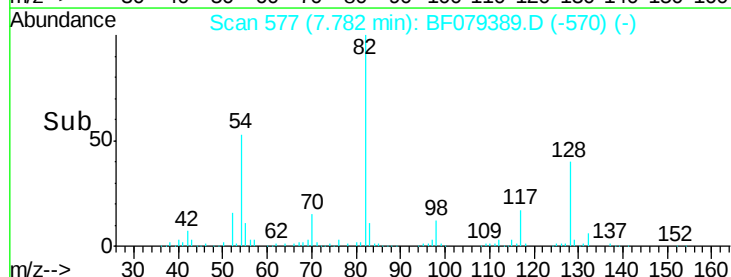
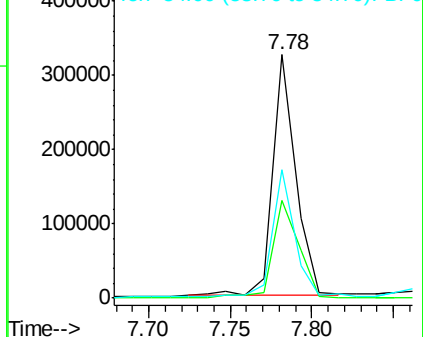
54 52.7 46.2 69.4

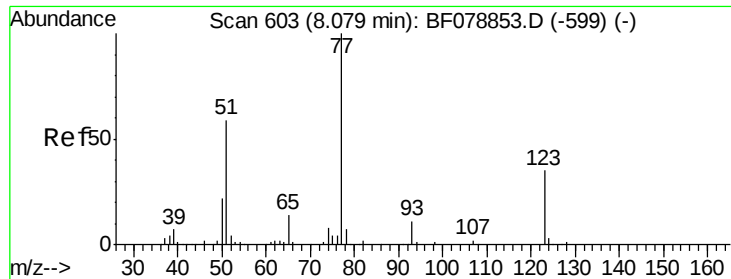


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

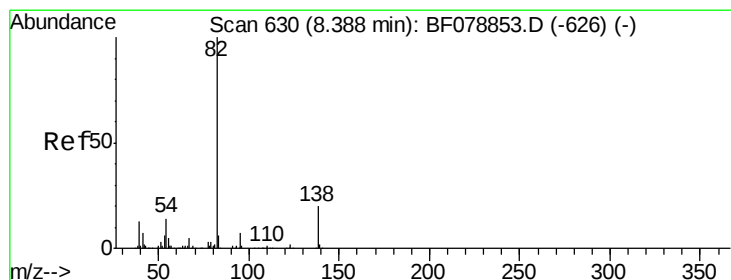
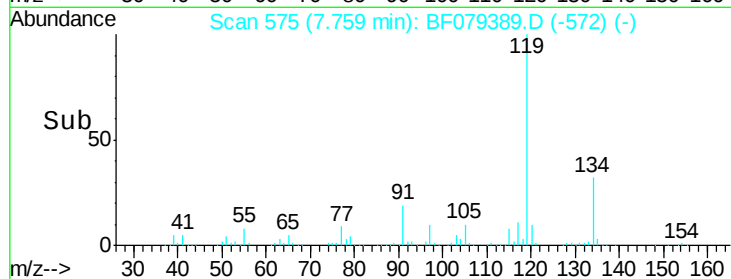
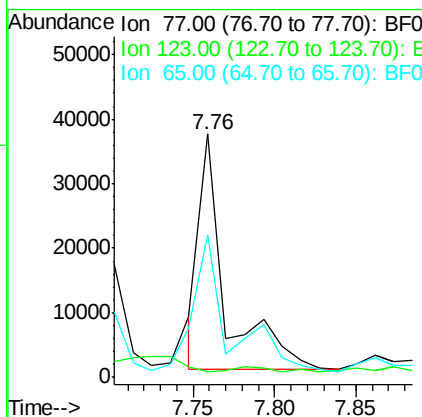
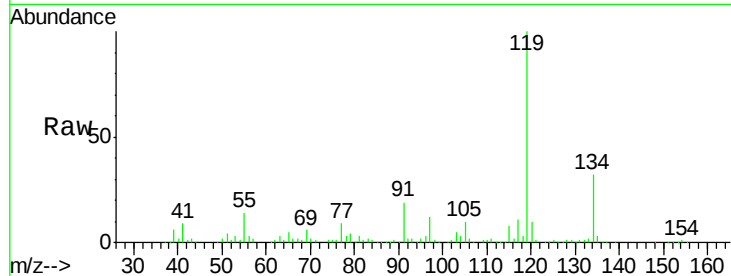




#24
 Nitrobenzene
 Concen: 8.53 ng
 RT: 7.76 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

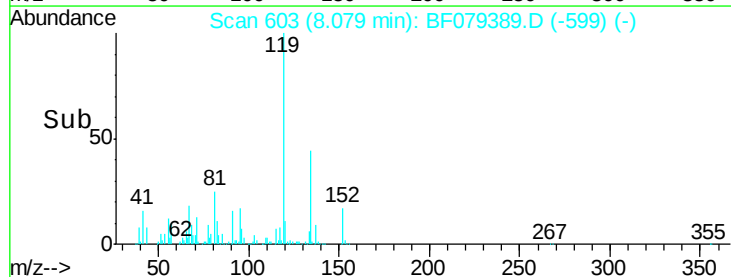
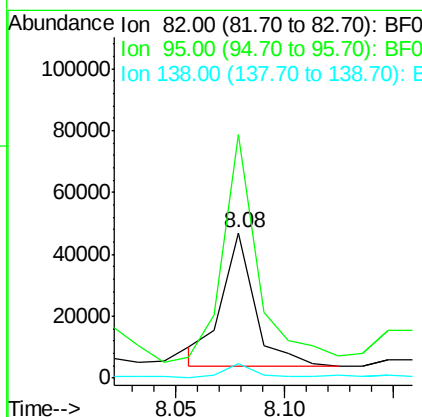
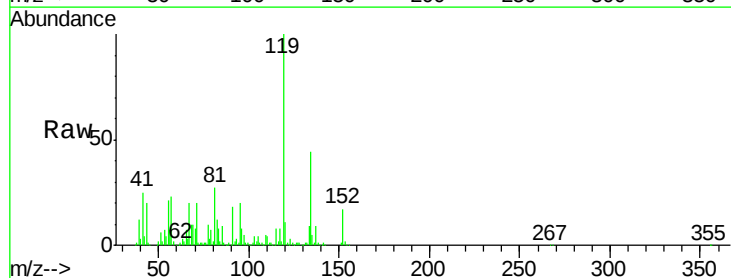
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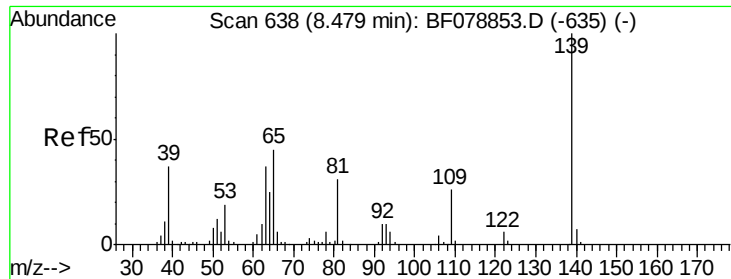
Tgt Ion: 77 Resp: 40727
 Ion Ratio Lower Upper
 77 100
 123 2.1 28.3 42.5#
 65 58.5 11.0 16.4#



#25
 Isophorone
 Concen: 5.13 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.03 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion: 82 Resp: 45822
 Ion Ratio Lower Upper
 82 100
 95 167.7 5.4 8.2#
 138 9.6 16.1 24.1#

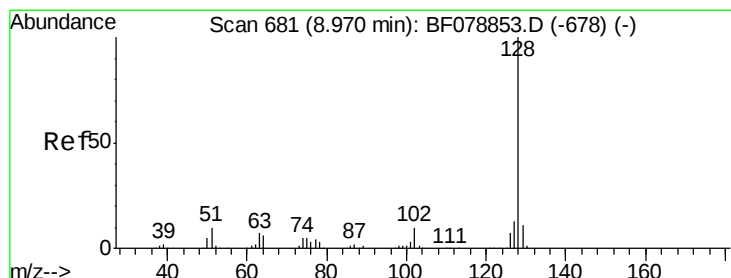
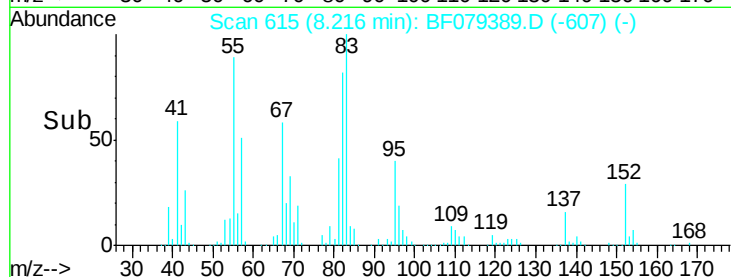
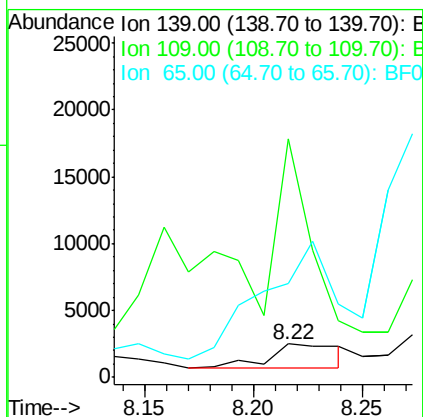
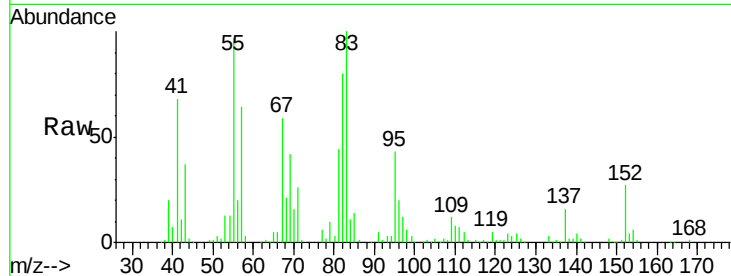




#26
2-Nitrophenol
Concen: 2.06 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

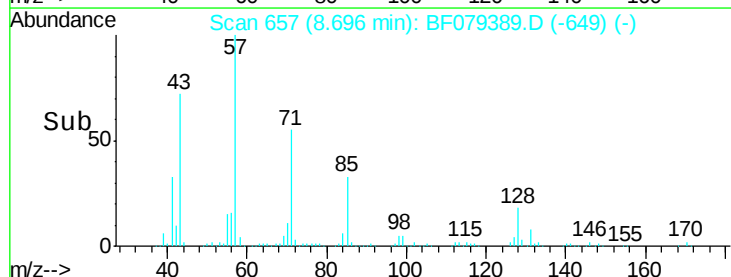
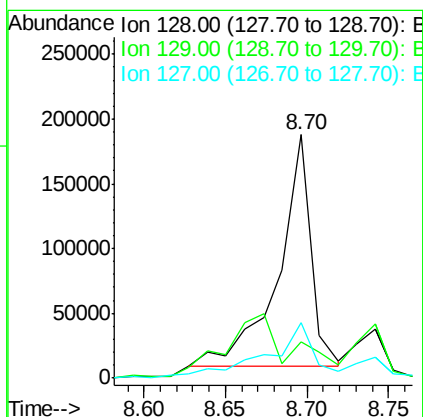
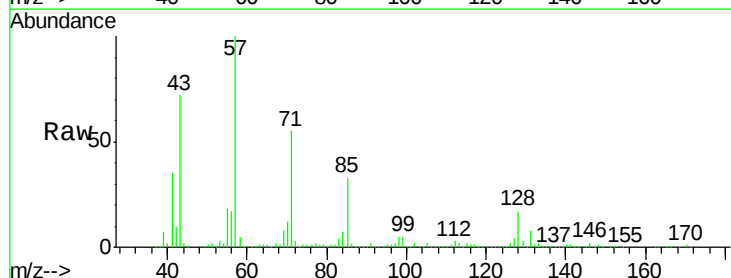
Instrument :
BNA_F
ClientSampled :
2DEPTH

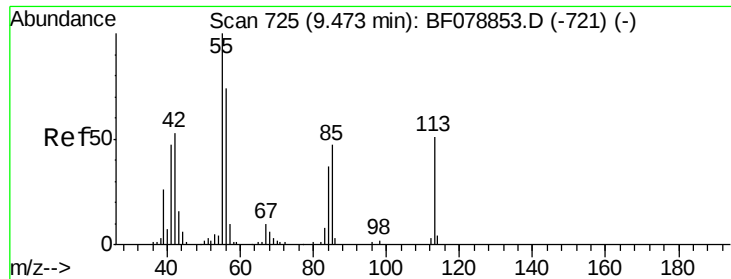
Tgt Ion:139 Resp: 4065
Ion Ratio Lower Upper
139 100
109 717.4 20.9 31.3#
65 282.1 35.8 53.8#



#31
Naphthalene
Concen: 19.09 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion:128 Resp: 251752
Ion Ratio Lower Upper
128 100
129 15.0 9.2 13.8#
127 23.0 10.3 15.5#





#35

Caprolactam

Concen: 15.55 ng

RT: 9.19 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

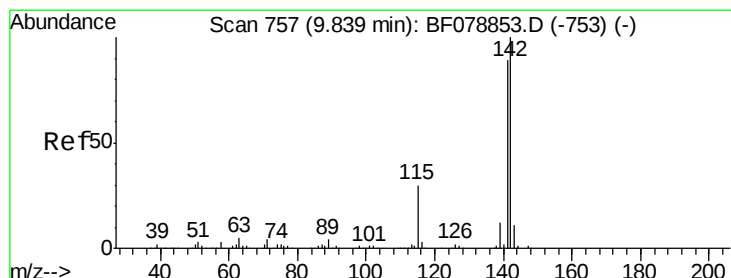
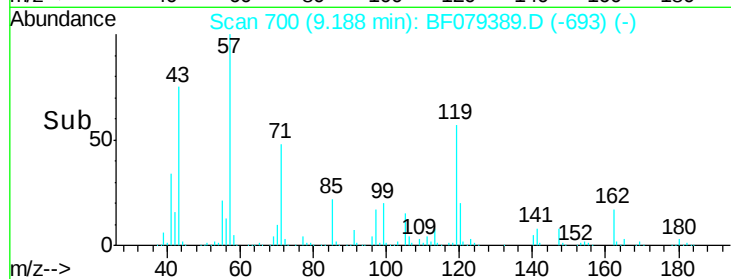
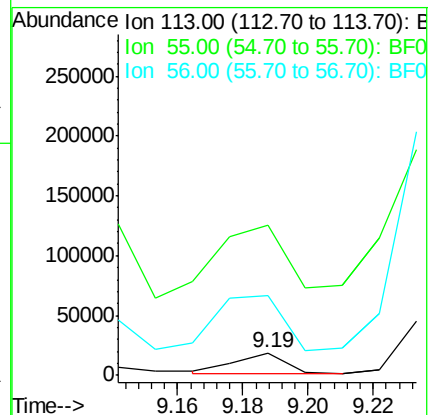
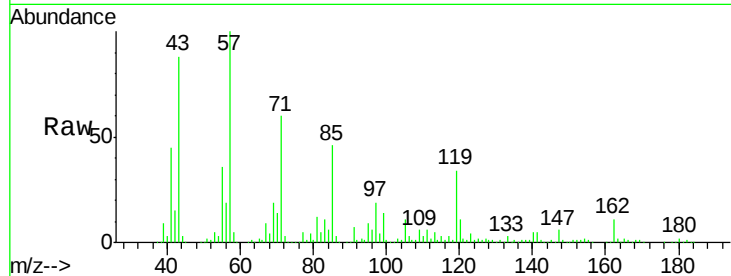
Tgt Ion:113 Resp: 17681

Ion Ratio Lower Upper

113 100

55 674.4 176.0 216.0#

56 357.4 123.8 163.8#



#37

2-Methylnaphthalene

Concen: 61.94 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

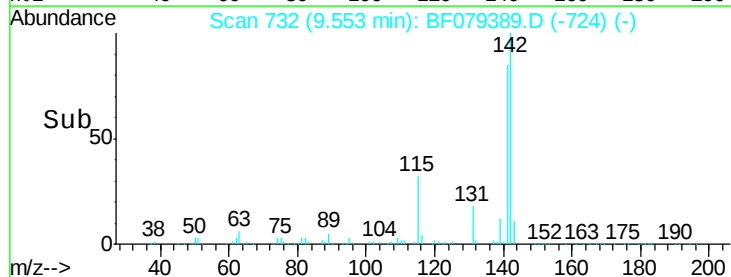
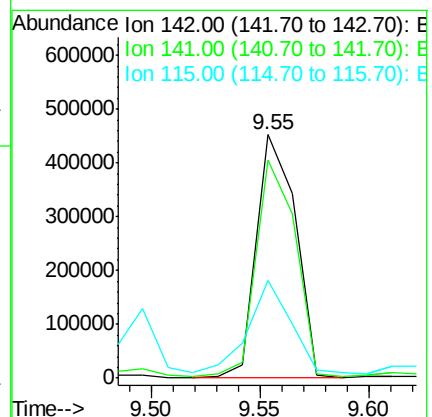
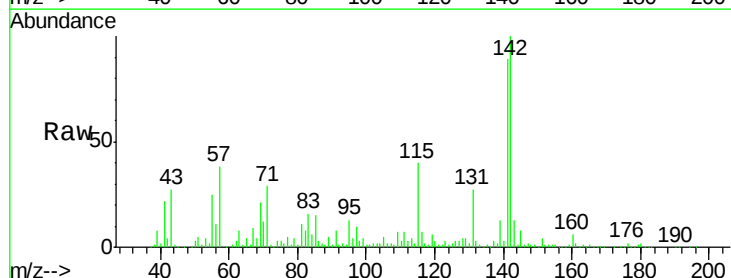
Tgt Ion:142 Resp: 566031

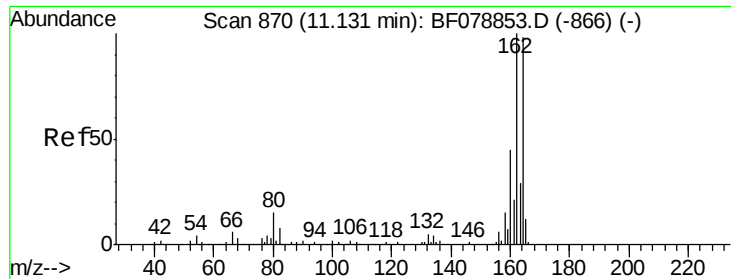
Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

115 40.2 24.2 36.4#

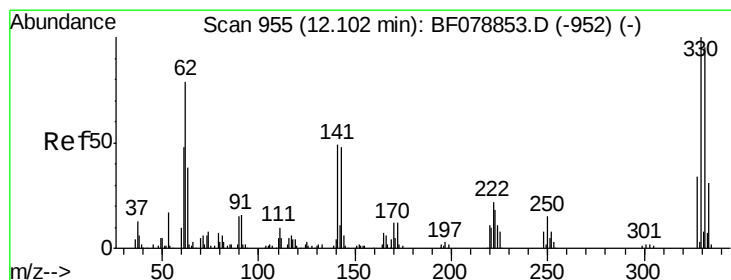
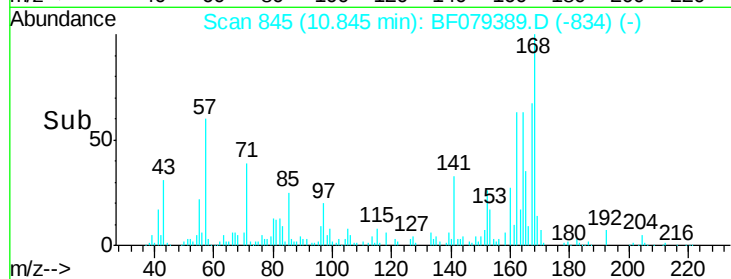
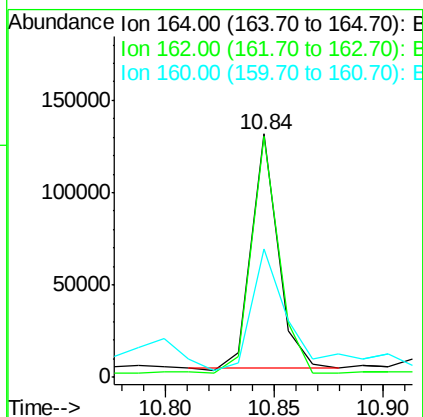
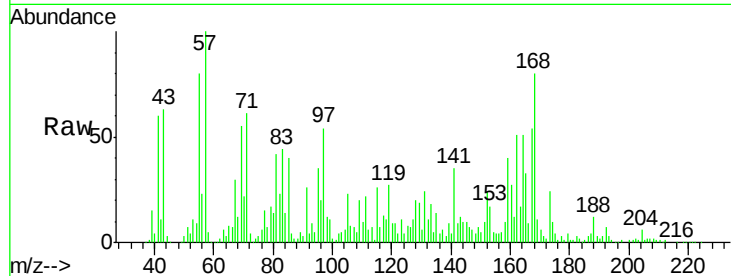




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

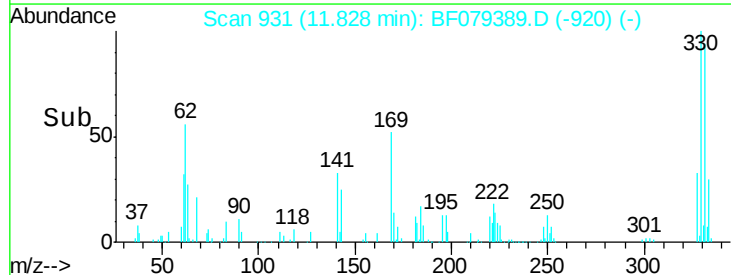
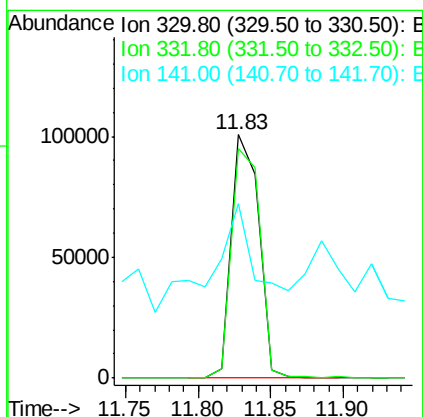
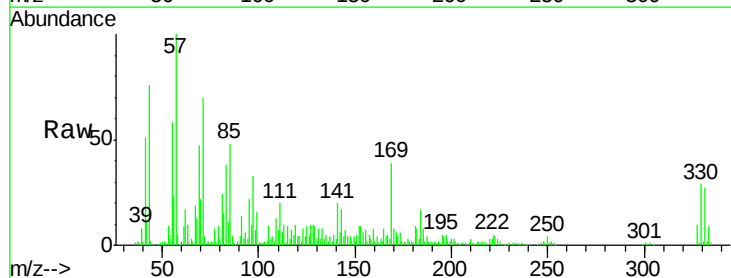
Instrument :
BNA_F
ClientSampleId :
2DEPTH

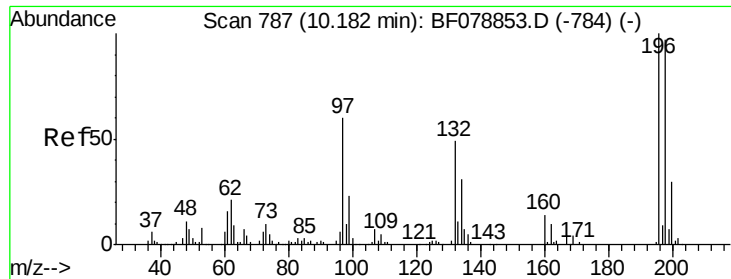
Tgt Ion:164 Resp: 107760
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 52.7 36.6 54.8



#41
2,4,6-Tribromophenol
Concen: 114.47 ng
RT: 11.83 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion:330 Resp: 133441
Ion Ratio Lower Upper
330 100
332 98.5 76.9 115.3
141 70.5 27.8 41.8#

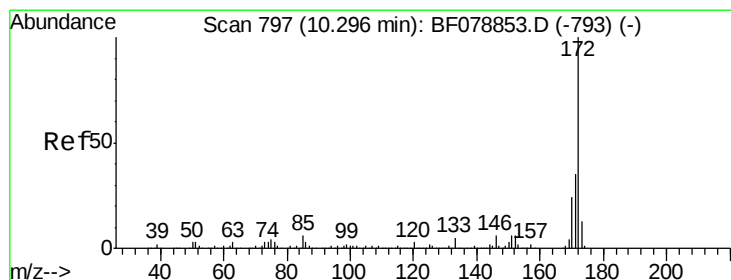
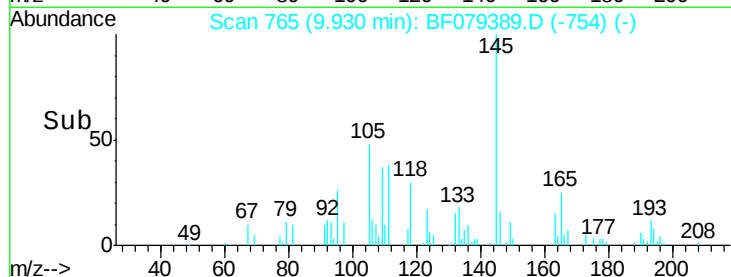
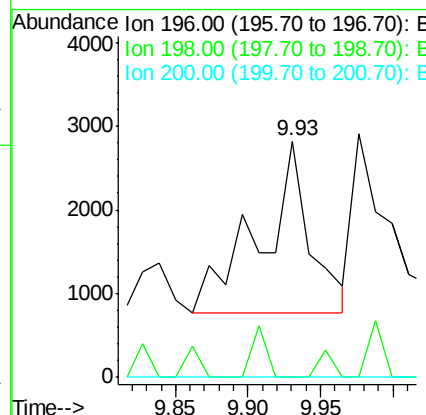
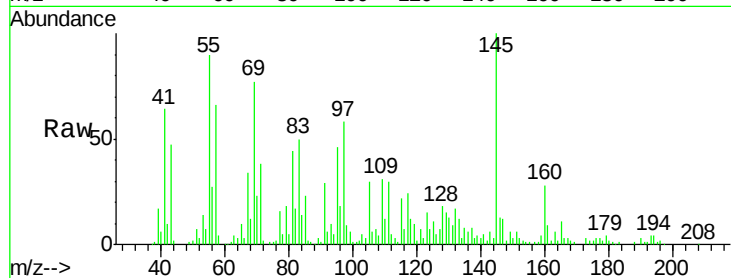




#42
 2,4,6-Trichlorophenol
 Concen: 2.34 ng
 RT: 9.93 min Scan# 765
 Delta R.T. 0.02 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

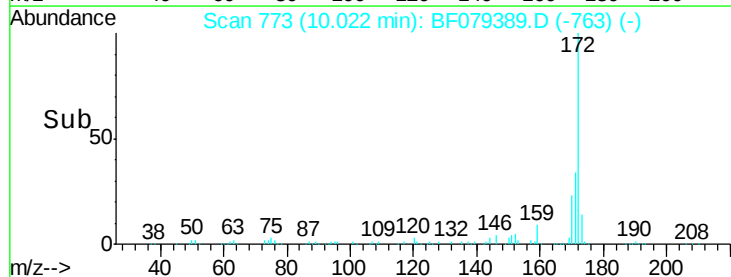
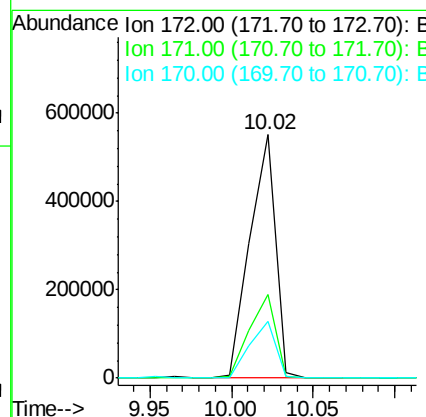
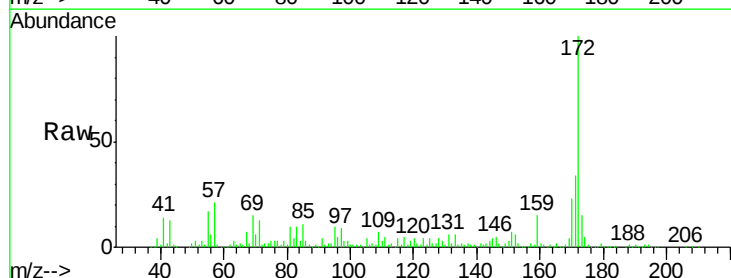
Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

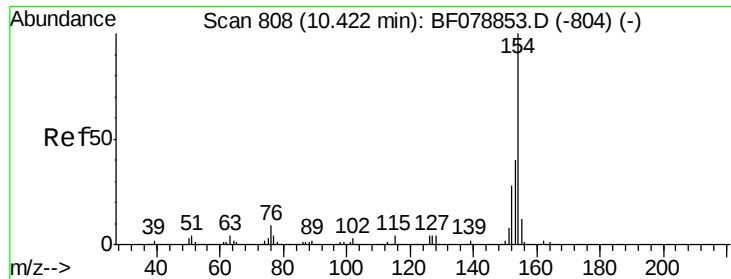
Tgt Ion:196 Resp: 4883
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.4 116.2#
 200 0.0 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 77.70 ng
 RT: 10.02 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion:172 Resp: 600981
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.3 42.5
 170 23.2 19.4 29.2





#45

1,1'-Biphenyl

Concen: 14.55 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

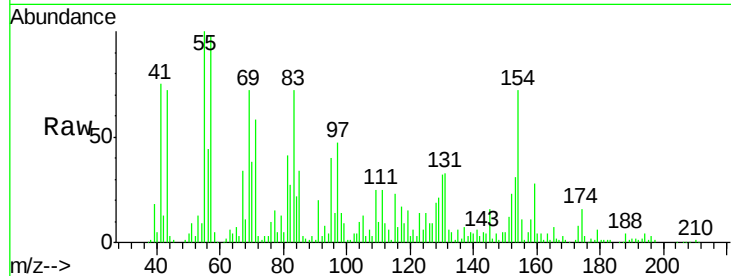
Tgt Ion:154 Resp: 124615

Ion Ratio Lower Upper

154 100

153 42.4 19.7 59.7

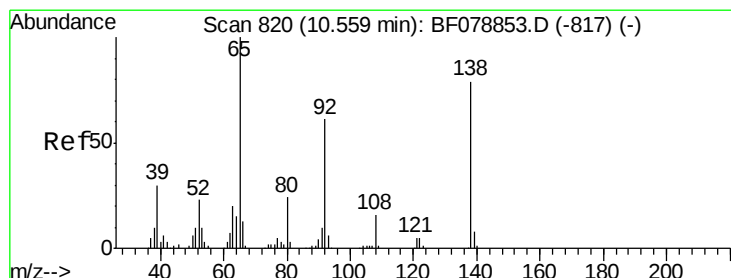
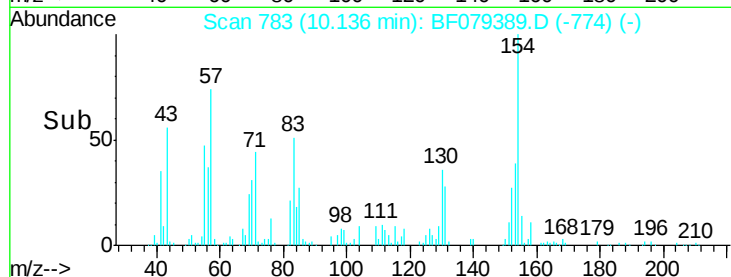
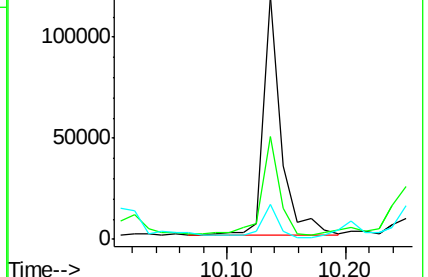
76 14.5 0.0 29.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#47

2-Nitroaniline

Concen: 12.21 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.06 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

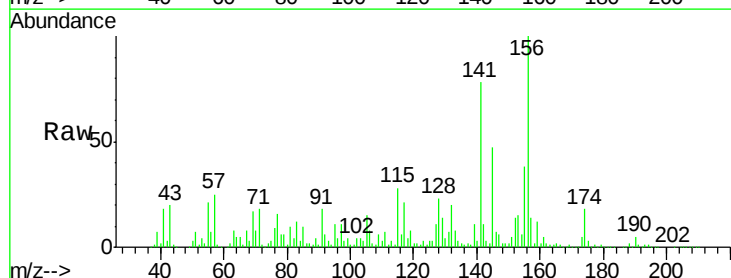
Tgt Ion: 65 Resp: 23633

Ion Ratio Lower Upper

65 100

92 122.8 49.1 73.7#

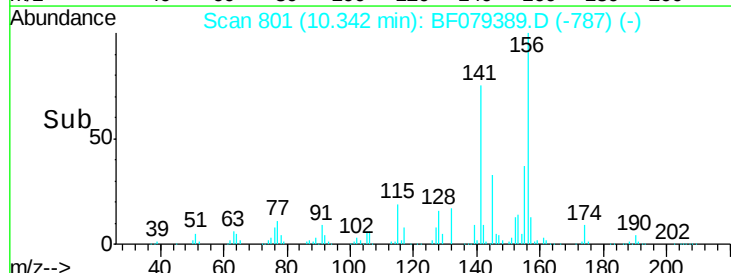
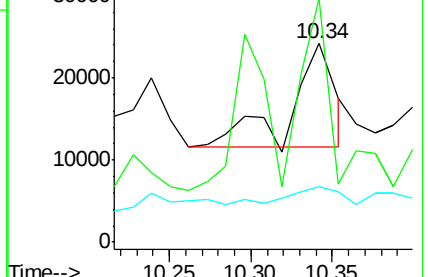
138 27.7 63.2 94.8#

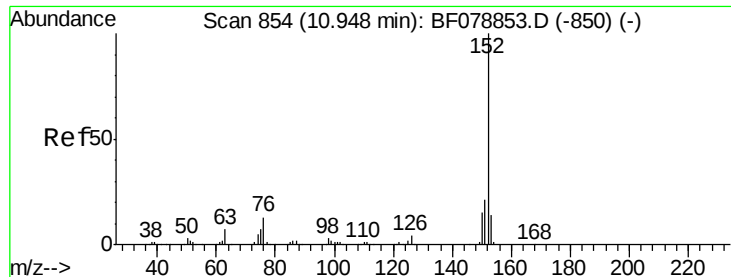


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 5.77 ng

RT: 10.67 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

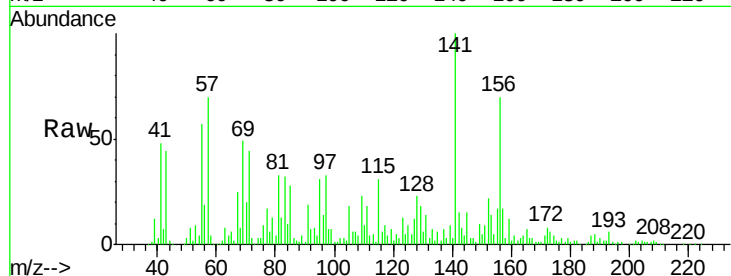
Tgt Ion:152 Resp: 63299

Ion Ratio Lower Upper

152 100

151 41.6 16.6 24.8#

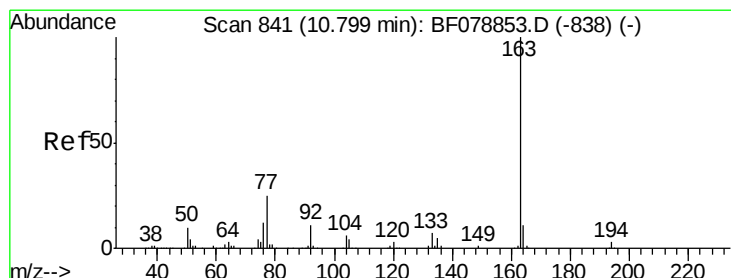
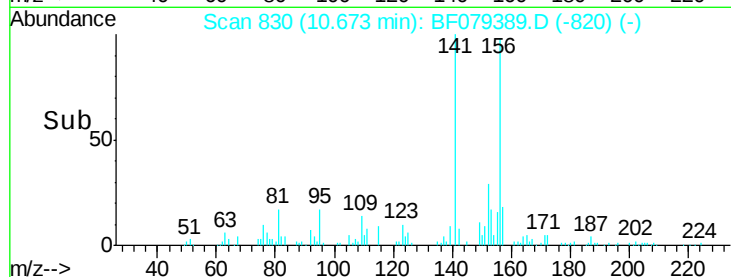
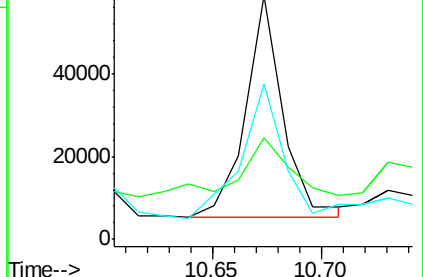
153 63.7 11.0 16.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.87 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

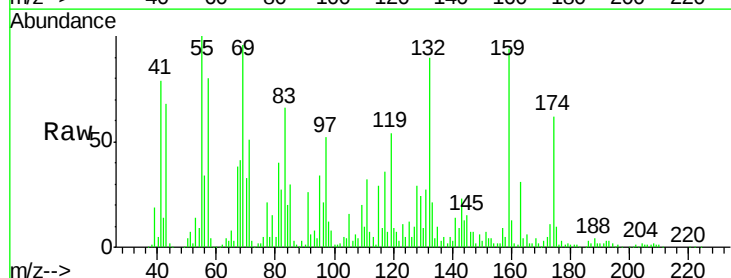
Tgt Ion:163 Resp: 70163

Ion Ratio Lower Upper

163 100

194 7.8 2.4 3.6#

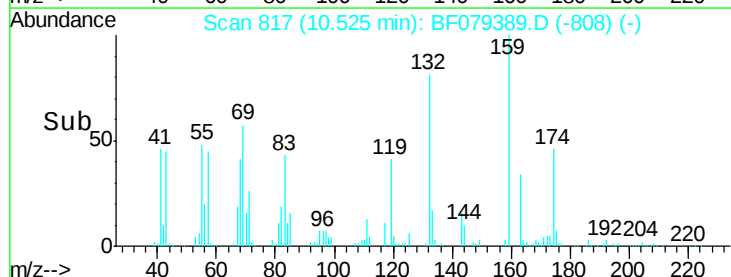
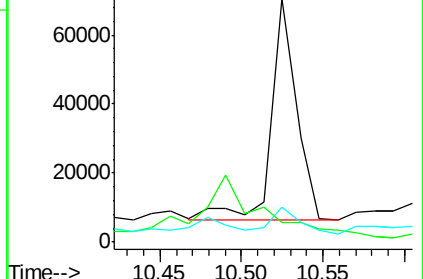
164 14.3 8.6 12.8#

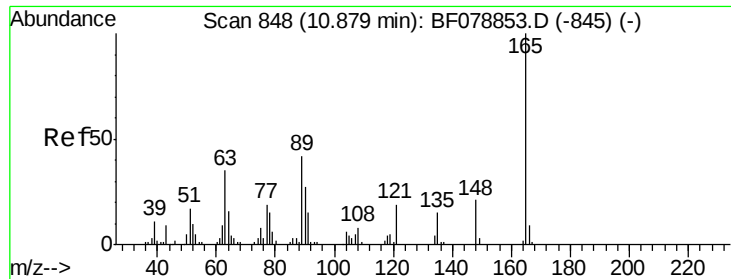


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

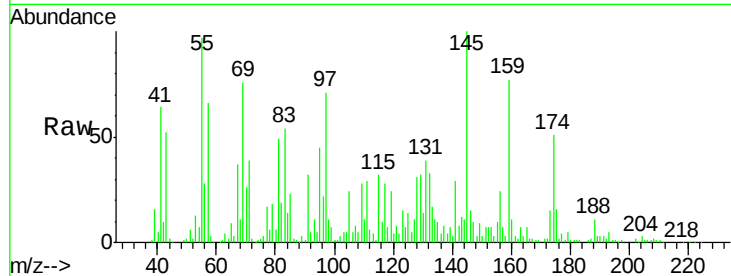




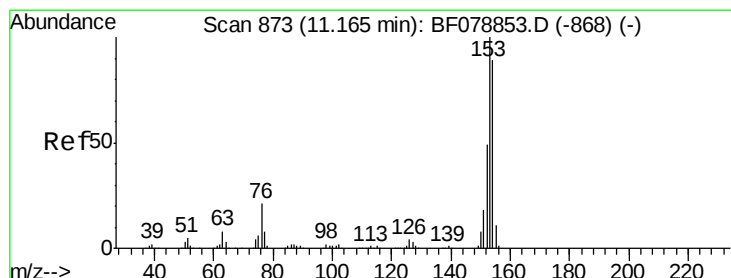
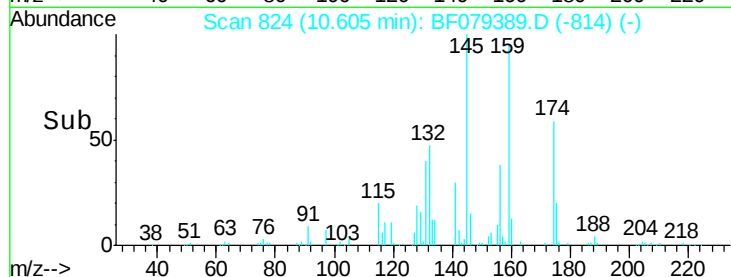
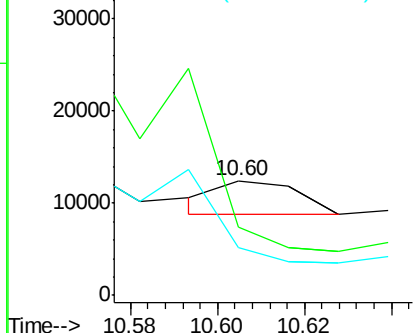
#50
 2,6-Dinitrotoluene
 Concen: 2.96 ng
 RT: 10.60 min Scan# 824
 Delta R.T. 0.01 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

Tgt Ion:165 Resp: 4626
 Ion Ratio Lower Upper
 165 100
 63 59.0 29.2 43.8#
 89 42.1 33.3 49.9

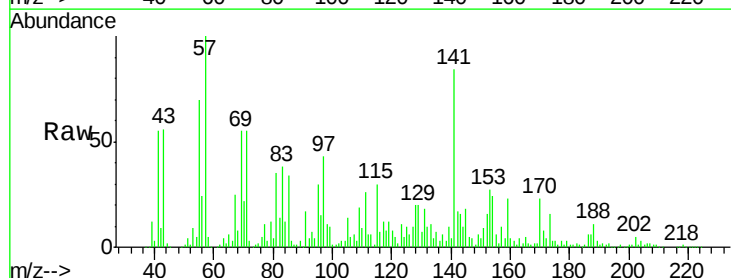


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

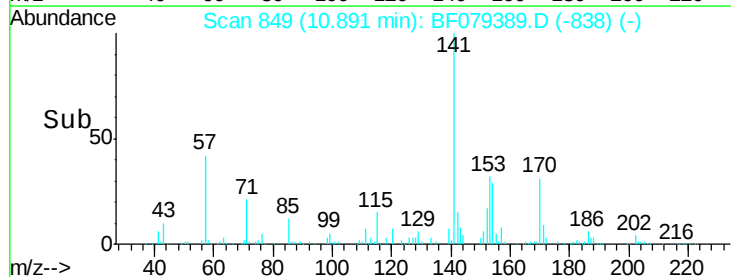
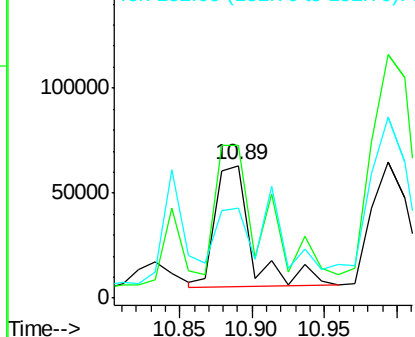


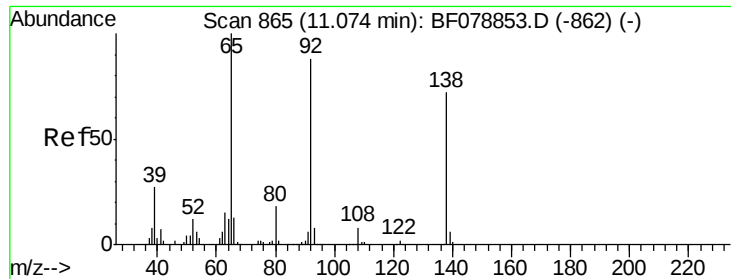
#51
 Acenaphthene
 Concen: 15.39 ng
 RT: 10.89 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion:154 Resp: 100719
 Ion Ratio Lower Upper
 154 100
 153 115.1 90.2 135.2
 152 67.6 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

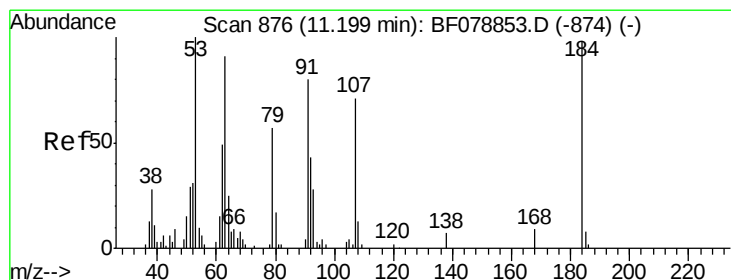
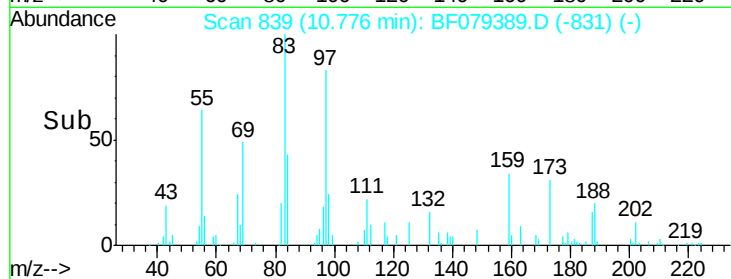
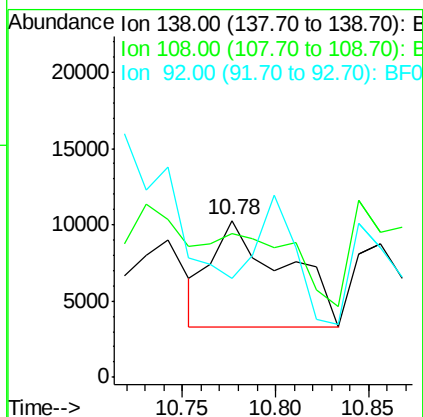
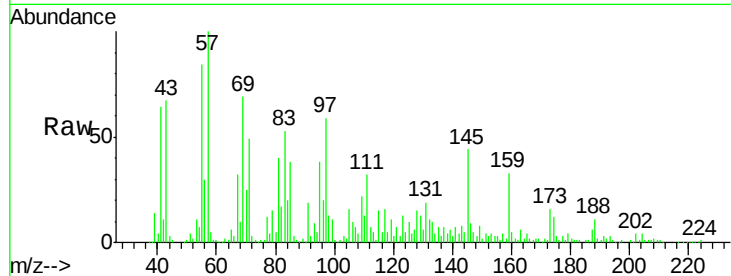




#52
3-Nitroaniline
Concen: 9.75 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

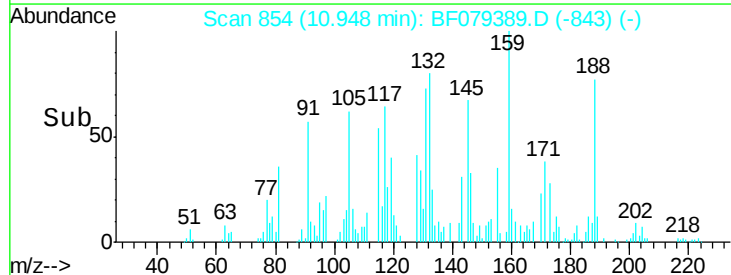
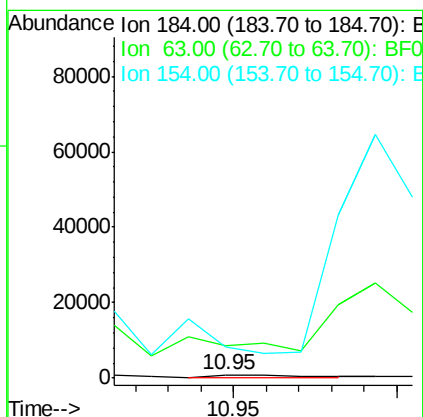
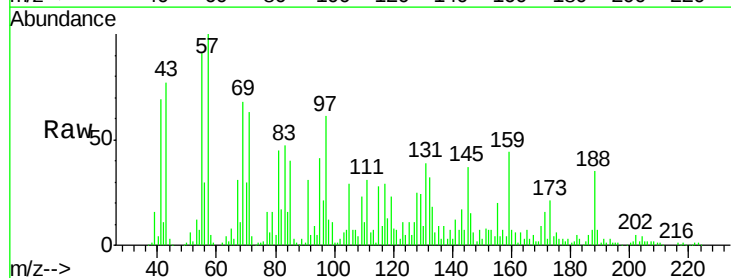
Instrument :
BNA_F
ClientSampleId :
2DEPTH

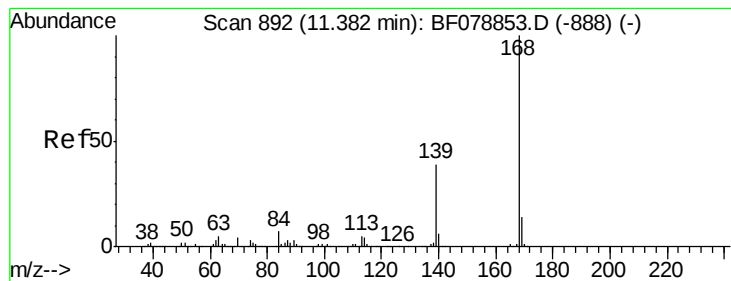
Tgt Ion:138 Resp: 19001
Ion Ratio Lower Upper
138 100
108 91.8 8.5 12.7#
92 62.8 97.4 146.0#



#53
2,4-Dinitrophenol
Concen: 6.46 ng
RT: 10.95 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion:184 Resp: 1718
Ion Ratio Lower Upper
184 100
63 988.4 98.8 148.2#
154 949.2 63.4 95.0#





#54

Dibenzenofuran

Concen: 4.67 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

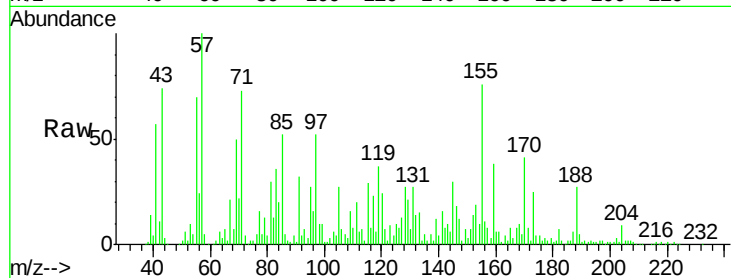
Tgt Ion:168 Resp: 44131

Ion Ratio Lower Upper

168 100

139 116.6 31.5 47.3#

169 46.9 11.0 16.4#

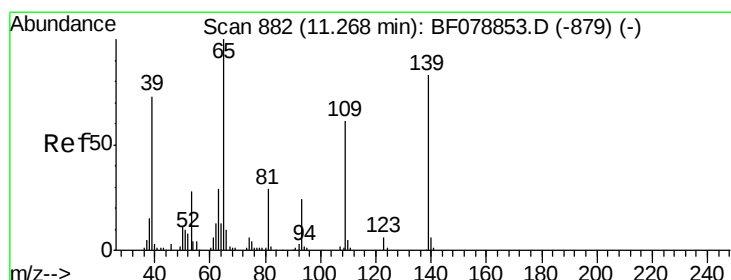
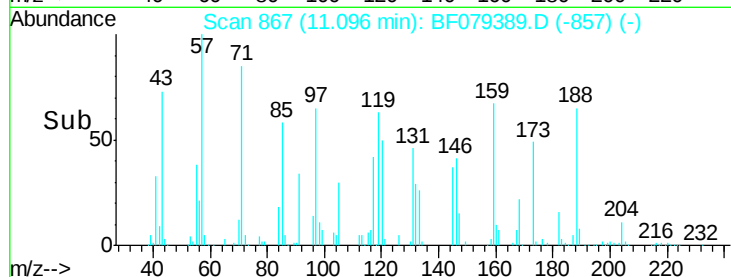
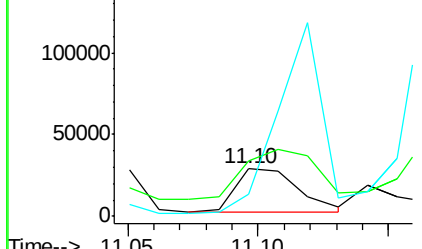


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#55

4-Nitrophenol

Concen: 8.33 ng

RT: 11.04 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

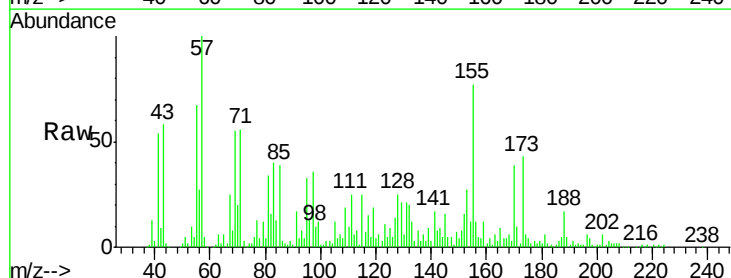
Tgt Ion:139 Resp: 12857

Ion Ratio Lower Upper

139 100

109 216.2 54.4 94.4#

65 70.8 101.0 141.0#

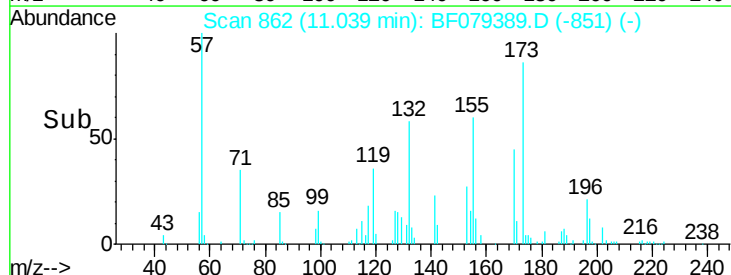
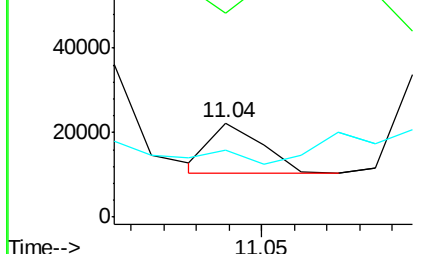


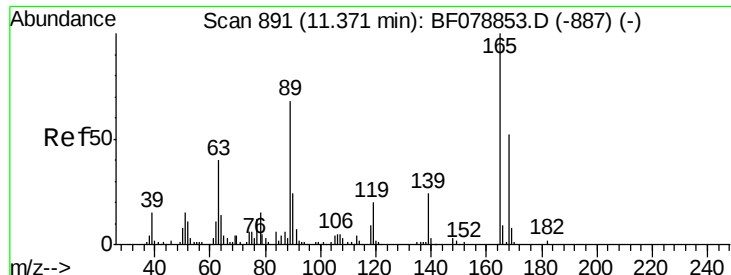
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->

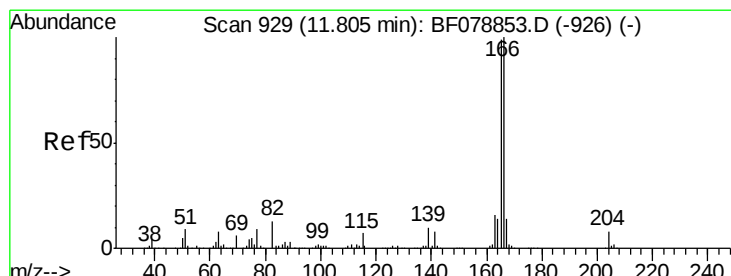
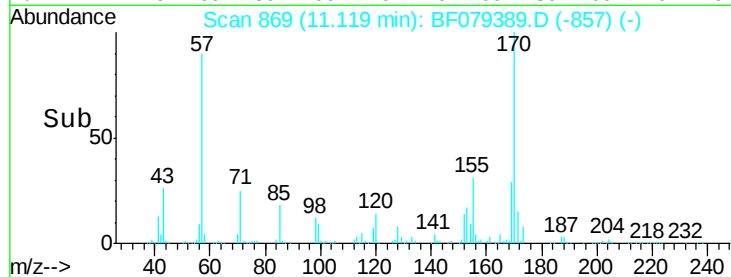
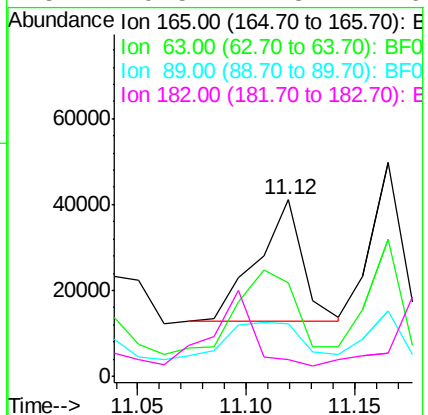
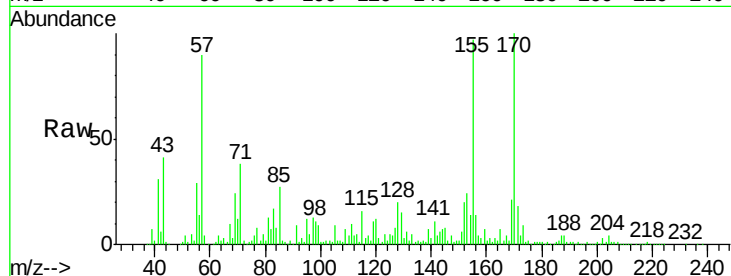




#56
2,4-Dinitrotoluene
Concen: 20.02 ng
RT: 11.12 min Scan# 869
Delta R.T. 0.02 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

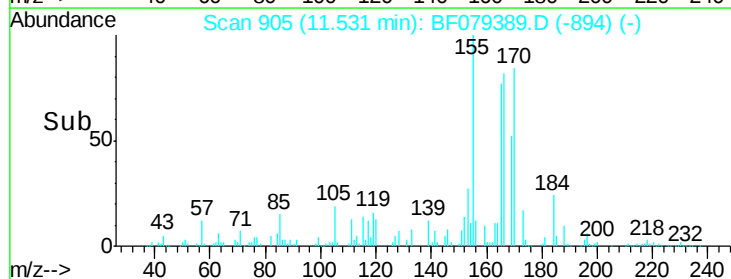
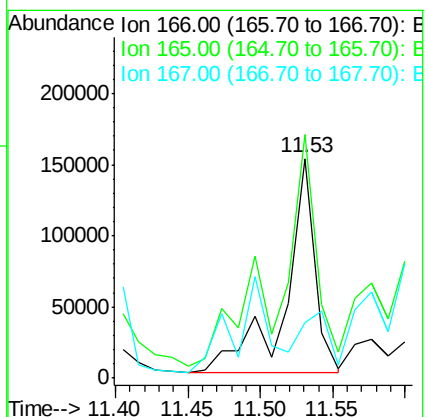
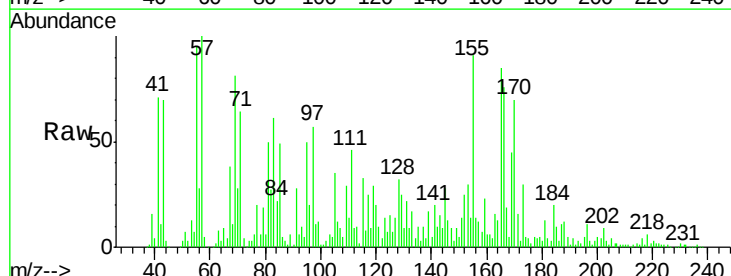
Instrument :
BNA_F
ClientSampleId :
2DEPTH

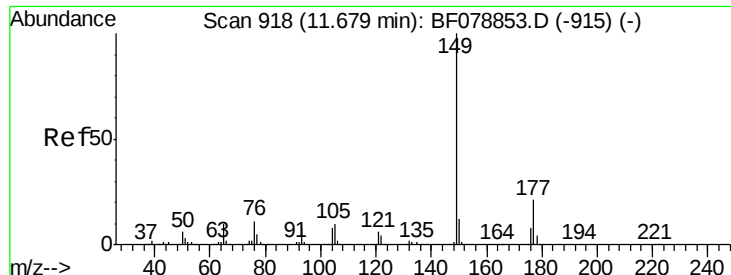
Tgt Ion:165 Resp: 41316
Ion Ratio Lower Upper
165 100
63 53.2 32.3 48.5#
89 29.5 54.6 81.8#
182 9.5 1.8 2.6#



#57
Fluorene
Concen: 27.83 ng
RT: 11.53 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion:166 Resp: 215867
Ion Ratio Lower Upper
166 100
165 111.0 79.5 119.3
167 25.5 11.0 16.6#

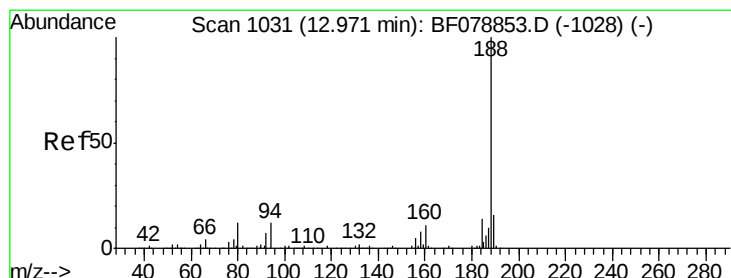
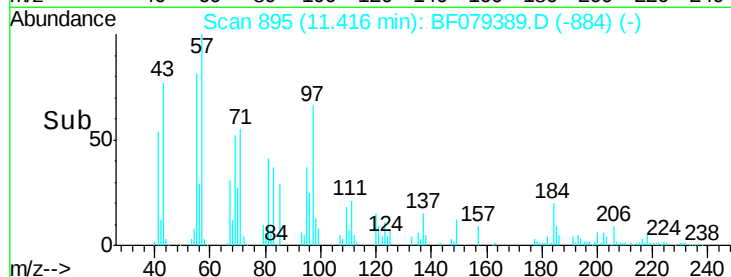
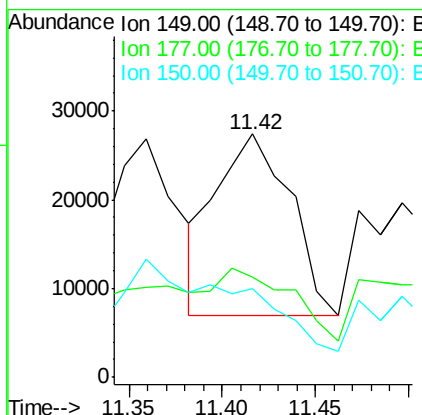
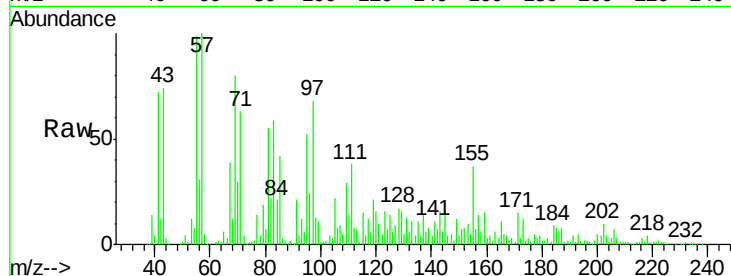




#59
Diethylphthalate
Concen: 7.16 ng
RT: 11.42 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

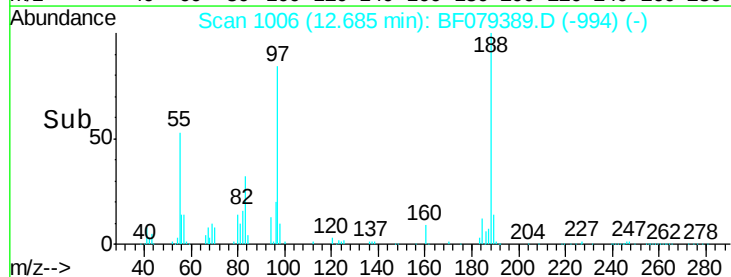
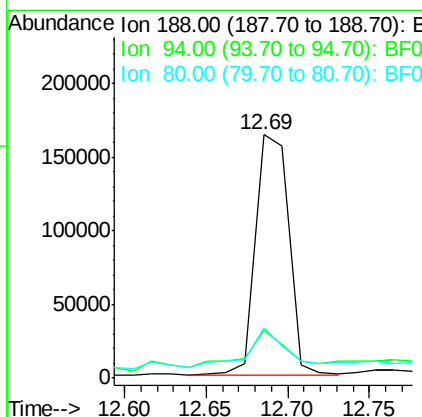
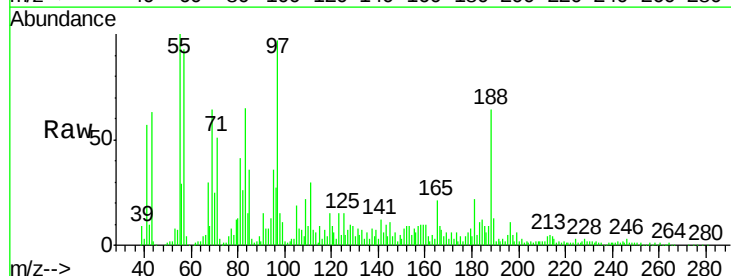
Instrument :
BNA_F
ClientSampleId :
2DEPTH

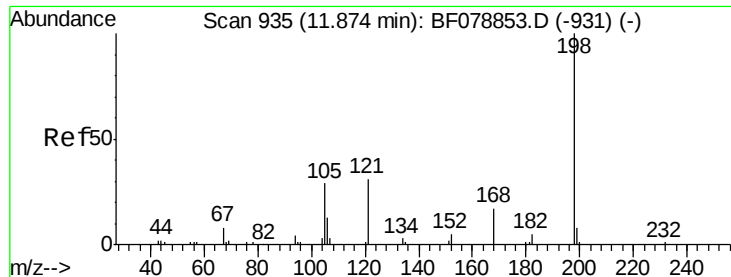
Tgt Ion:149 Resp: 56116
Ion Ratio Lower Upper
149 100
177 41.2 16.4 24.6#
150 36.5 9.8 14.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion:188 Resp: 233897
Ion Ratio Lower Upper
188 100
94 19.6 9.4 14.0#
80 20.7 9.8 14.6#

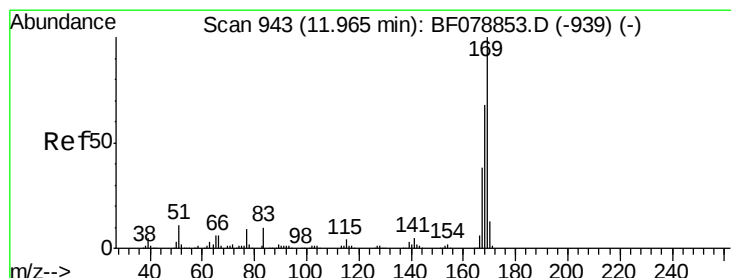
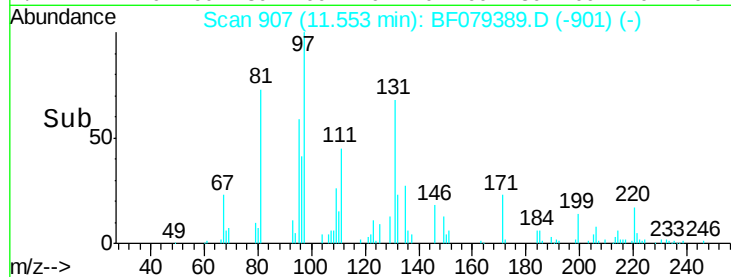
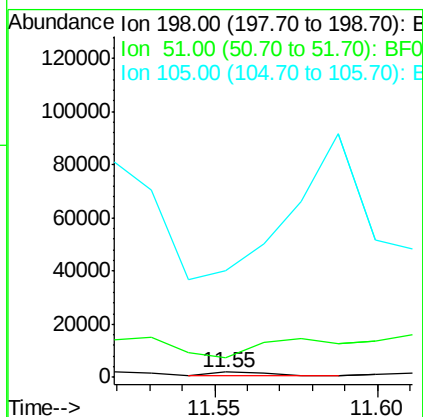
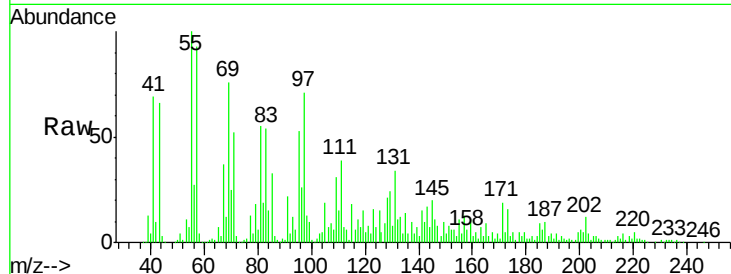




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.70 ng
 RT: 11.55 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

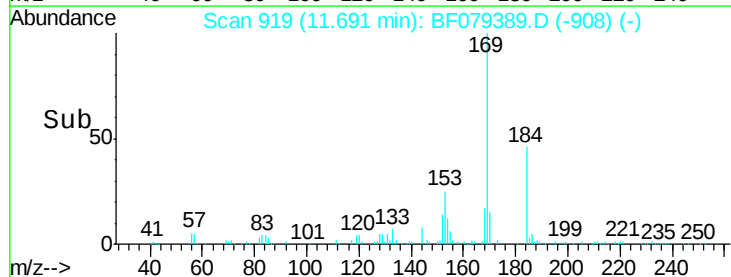
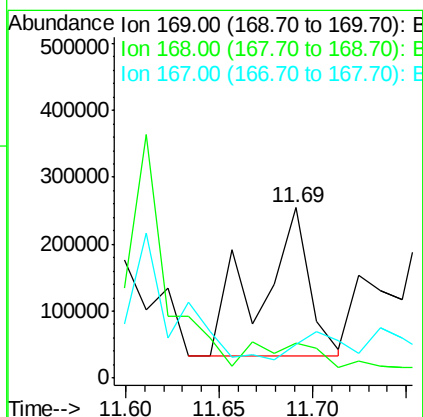
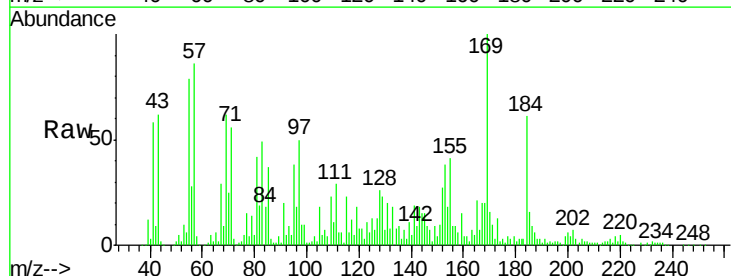
Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

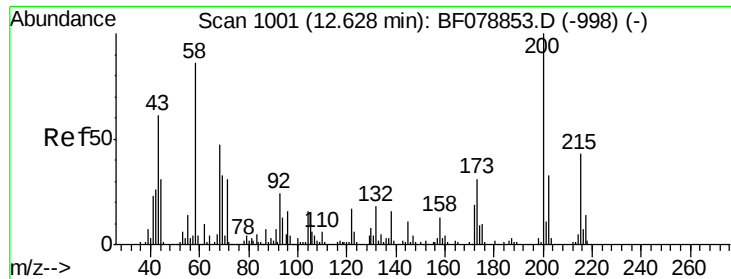
Tgt Ion:198 Resp: 1248
 Ion Ratio Lower Upper
 198 100
 51 386.3 7.0 47.0#
 105 2083.4 13.7 53.7#



#65
 n-Nitrosodiphenylamine
 Concen: 52.70 ng
 RT: 11.69 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion:169 Resp: 410534
 Ion Ratio Lower Upper
 169 100
 168 20.2 54.1 81.1#
 167 19.5 30.1 45.1#

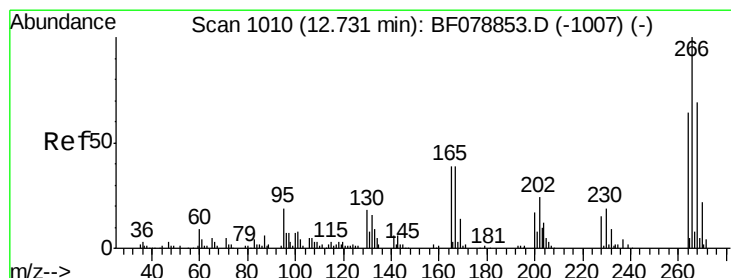
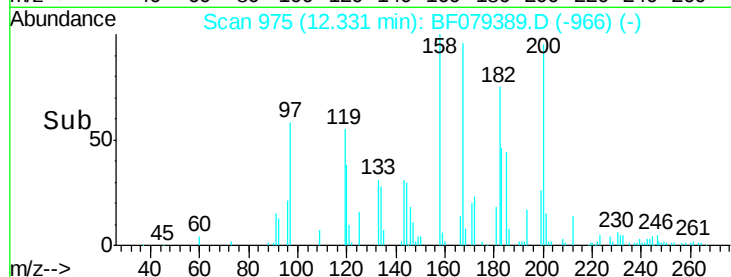
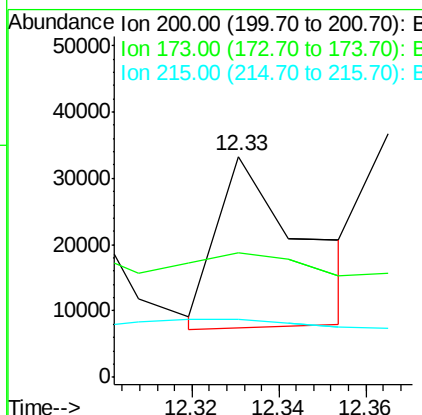
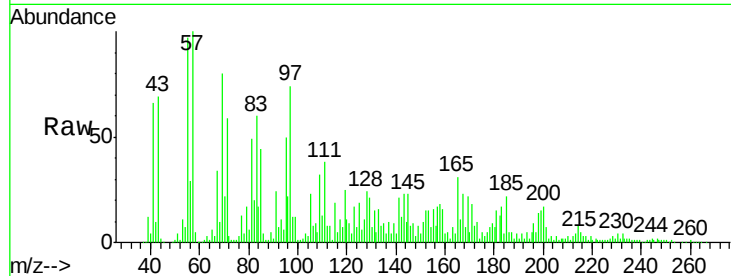




#68
 Atrazine
 Concen: 15.87 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.02 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

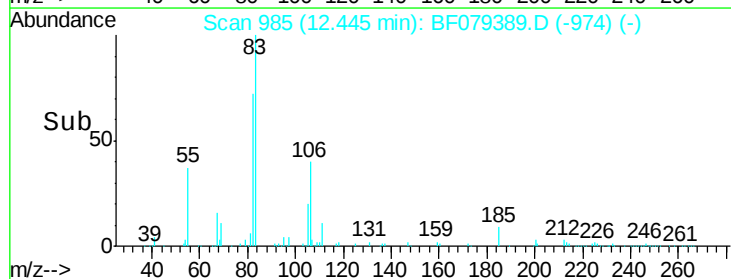
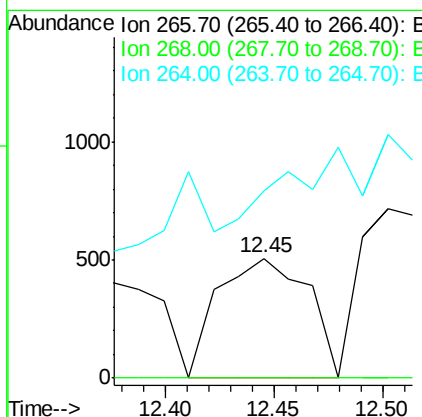
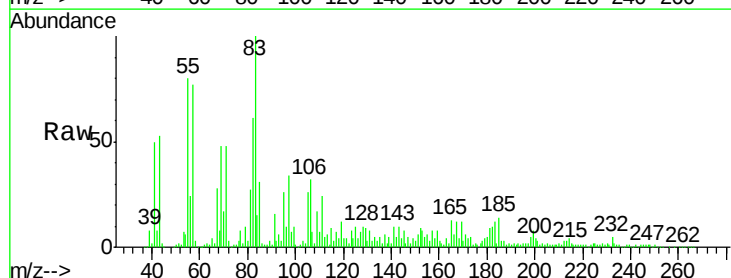
Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

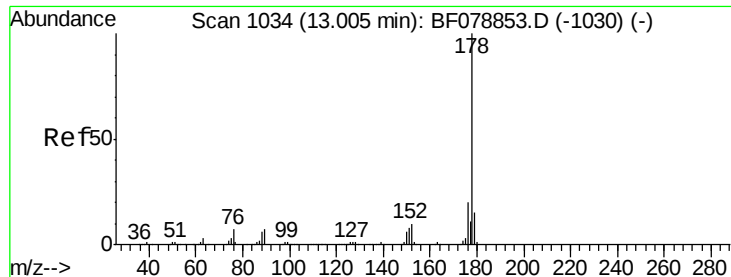
Tgt Ion: 200 Resp: 35947
 Ion Ratio Lower Upper
 200 100
 173 56.5 10.9 50.9#
 215 26.4 23.2 63.2



#69
 Pentachlorophenol
 Concen: 7.66 ng
 RT: 12.45 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion: 266 Resp: 1452
 Ion Ratio Lower Upper
 266 100
 268 0.0 55.0 82.6#
 264 156.3 50.9 76.3#





#70

Phenanthrene

Concen: 51.59 ng

RT: 12.72 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

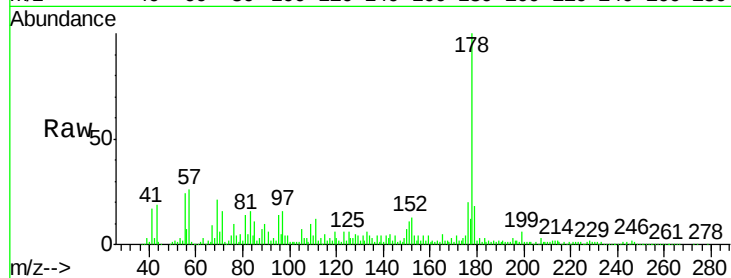
Tgt Ion:178 Resp: 675044

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 17.8 12.2 18.4



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

800000

600000

400000

200000

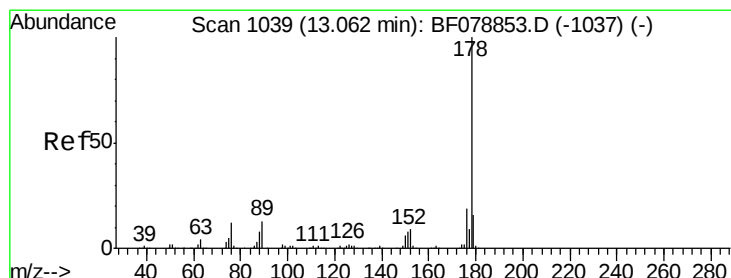
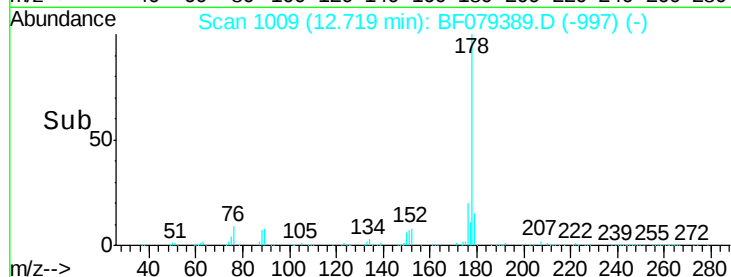
0

12.60

12.70

12.72

Time-->



#71

Anthracene

Concen: 48.84 ng

RT: 12.72 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

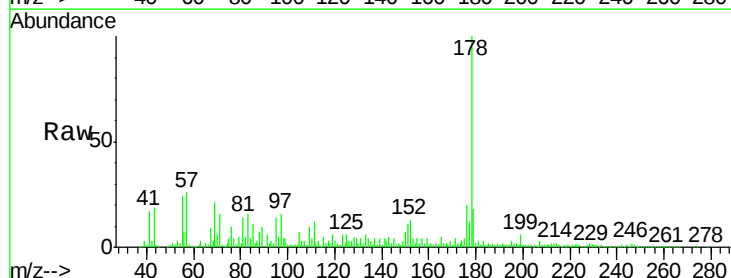
Tgt Ion:178 Resp: 626937

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

179 17.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

800000

600000

400000

200000

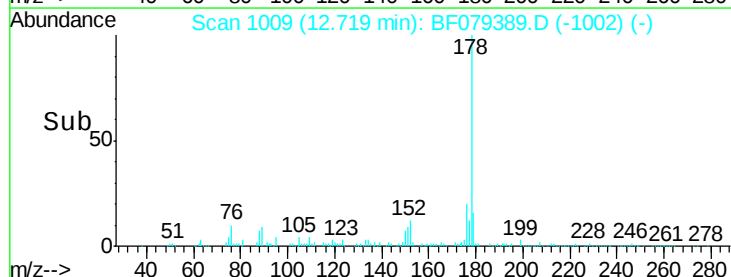
0

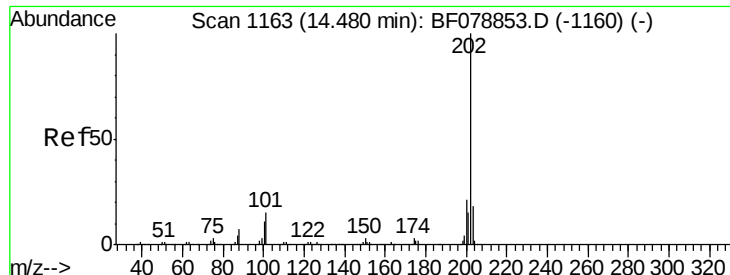
12.70

12.72

12.75

Time-->

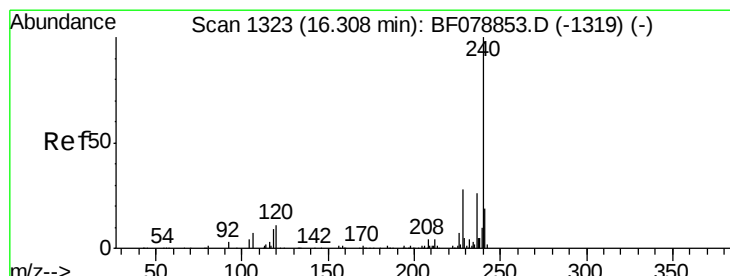
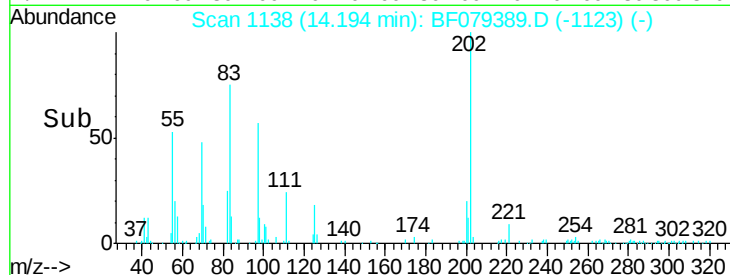
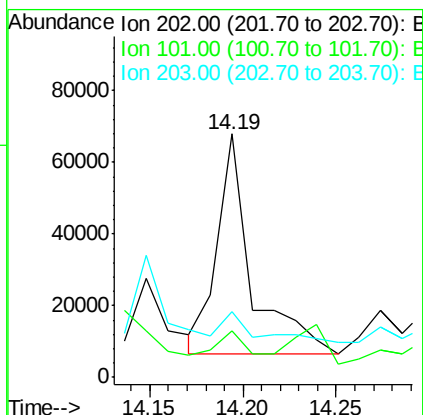
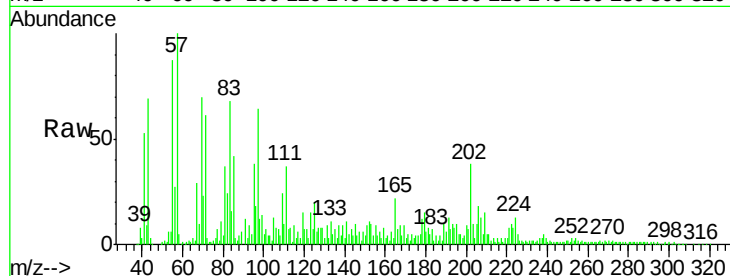




#74
 Fluoranthene
 Concen: 5.75 ng
 RT: 14.19 min Scan# 1138
 Delta R.T. 0.02 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

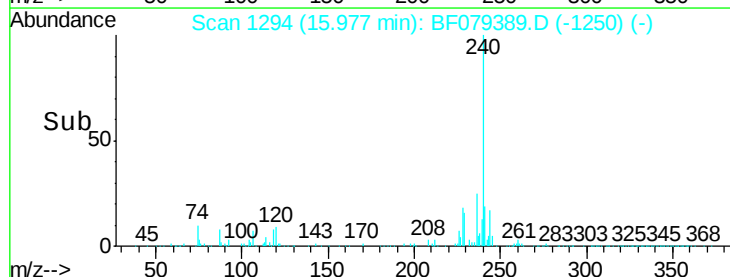
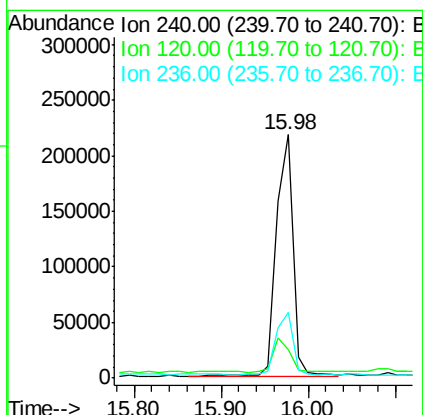
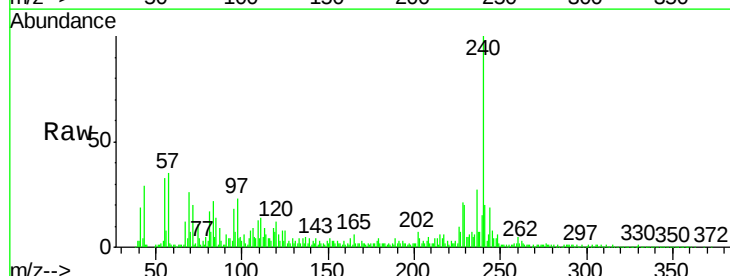
Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

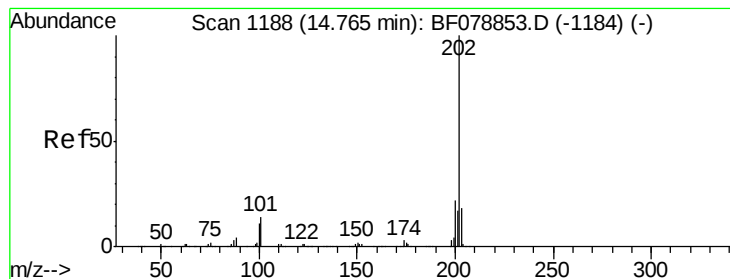
Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.1	0.0	34.7
203	26.9	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.98 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	12.8
236	27.0	21.0	31.6





#77

Pyrene

Concen: 25.43 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

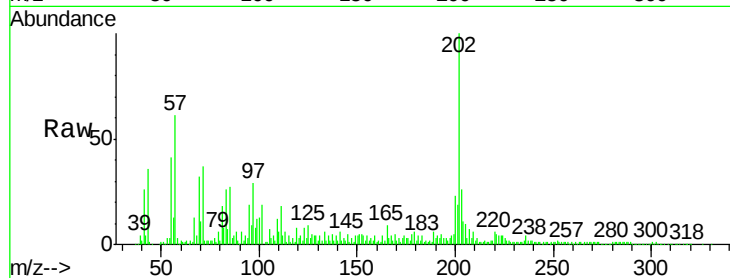
Tgt Ion:202 Resp: 415325

Ion Ratio Lower Upper

202 100

200 23.0 17.5 26.3

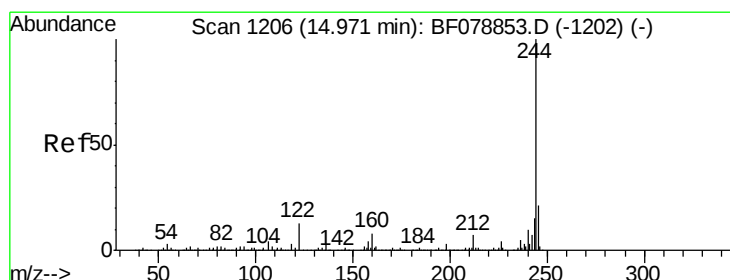
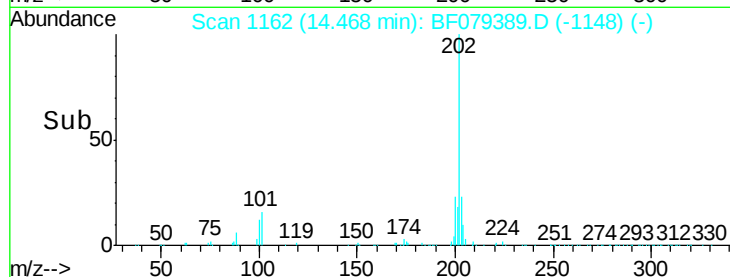
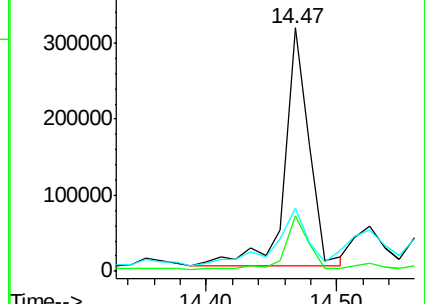
203 25.7 14.7 22.1#



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: 56.34 ng

RT: 14.69 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

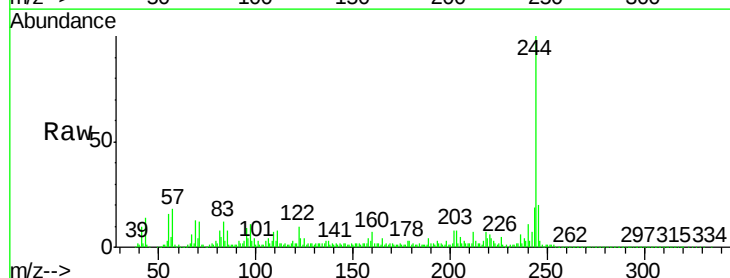
Tgt Ion:244 Resp: 667071

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

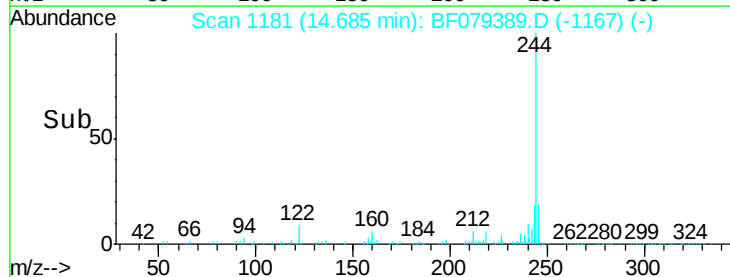
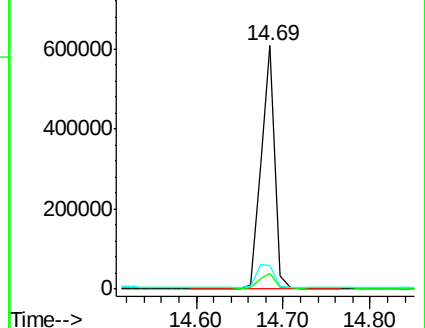
122 9.8 10.5 15.7#

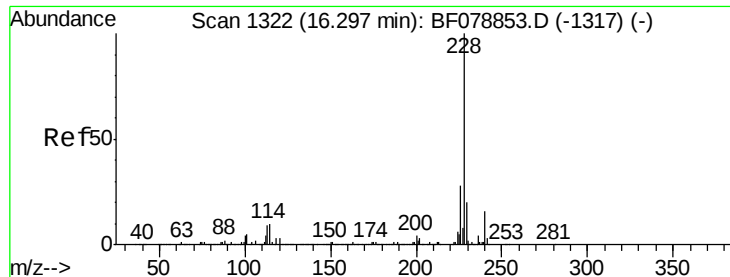


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 29.16 ng

RT: 16.00 min Scan# 1296

Delta R.T. 0.03 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

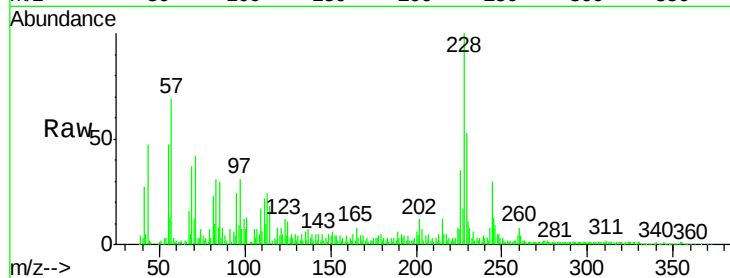
Tgt Ion:228 Resp: 452570

Ion Ratio Lower Upper

228 100

226 35.2 22.3 33.5#

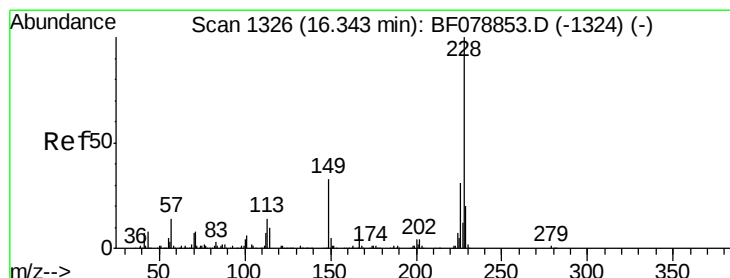
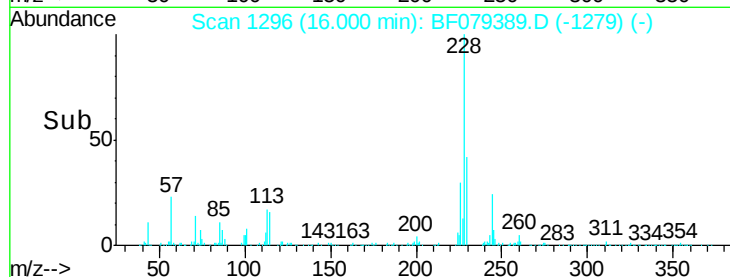
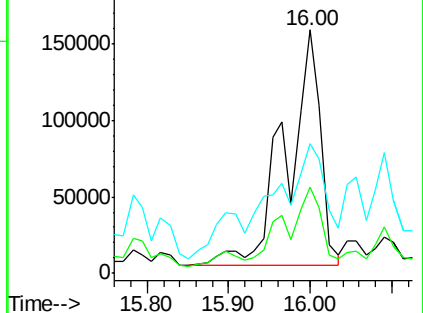
229 53.4 16.1 24.1#



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: 29.08 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

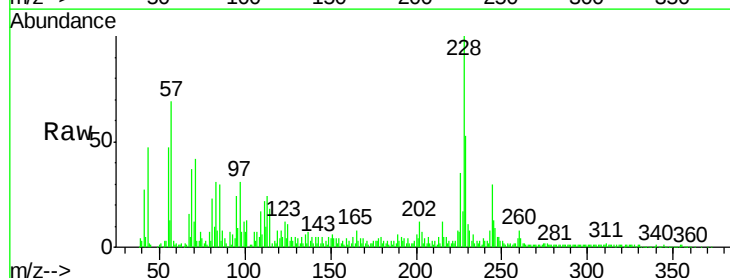
Tgt Ion:228 Resp: 434073

Ion Ratio Lower Upper

228 100

226 35.2 24.8 37.2

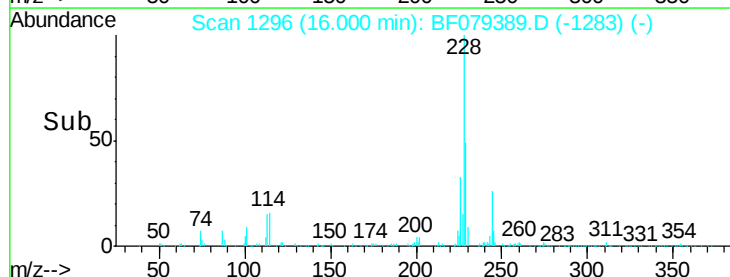
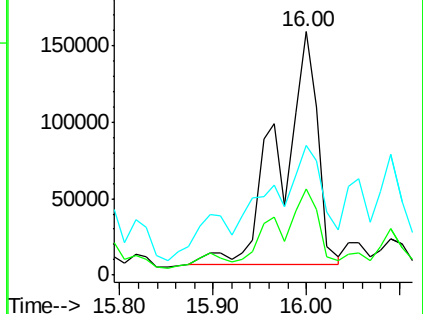
229 53.4 16.1 24.1#

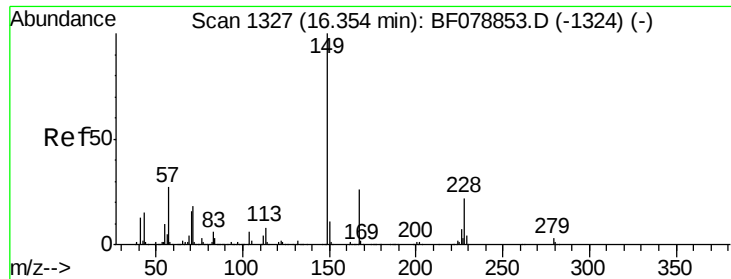


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

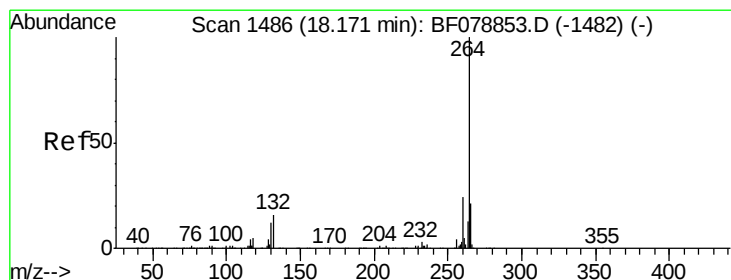
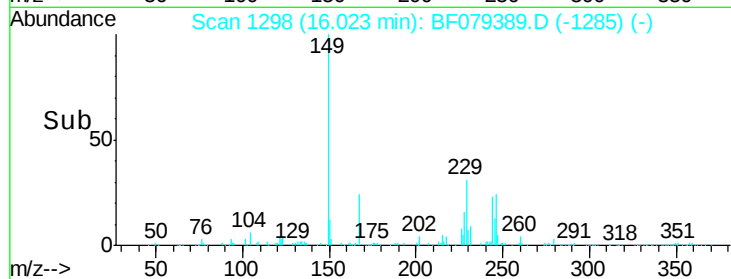
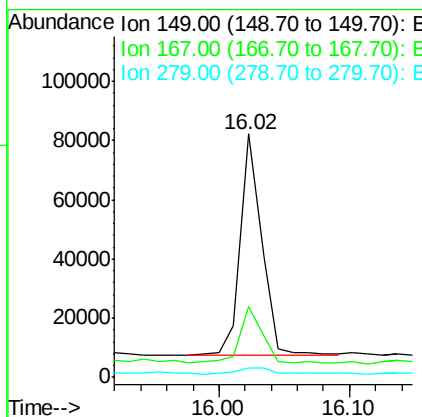
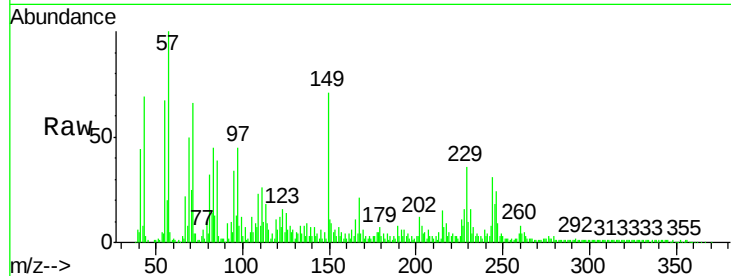




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.94 ng
 RT: 16.02 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

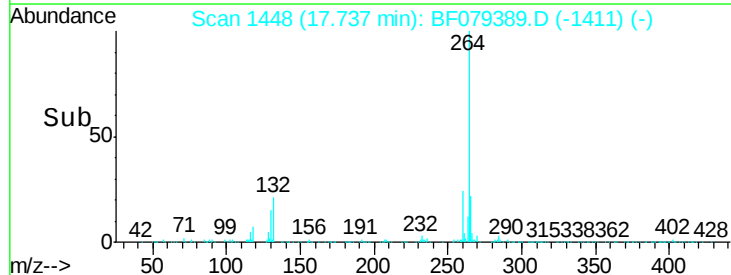
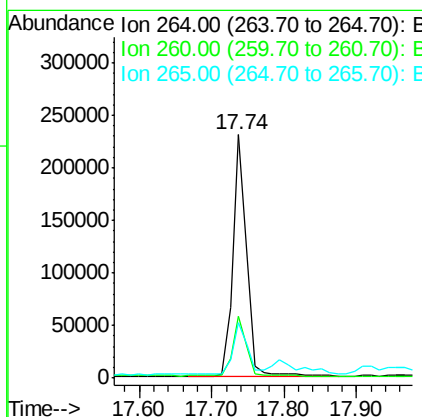
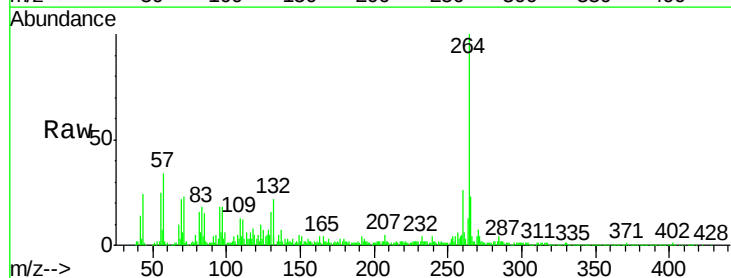
Instrument :
 BNA_F
 ClientSampleId :
 2DEPTH

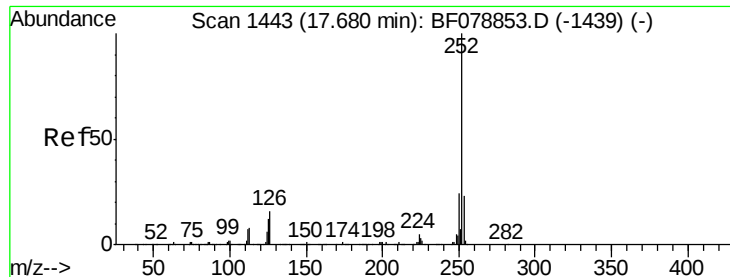
Tgt Ion:149 Resp: 85836
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.2 31.8
 279 3.9 2.6 4.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. -0.08 min
 Lab File: BF079389.D
 Acq: 20 May 2015 20:26

Tgt Ion:264 Resp: 301135
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.2 28.8
 265 22.9 17.2 25.8

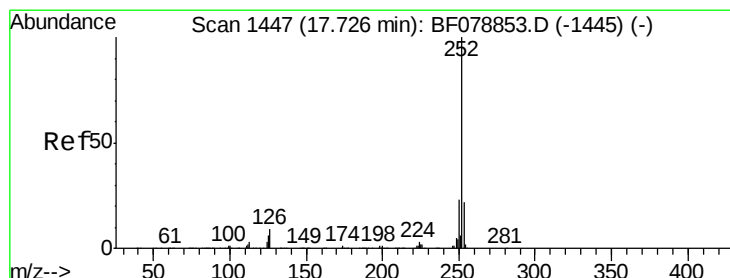
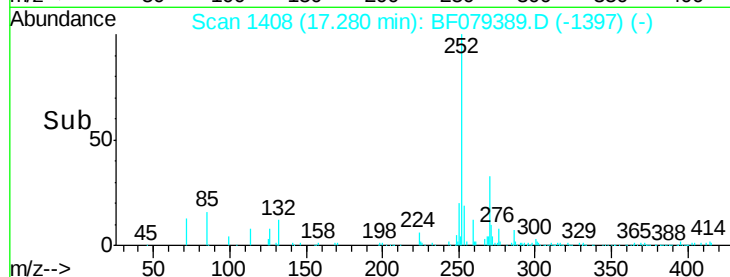
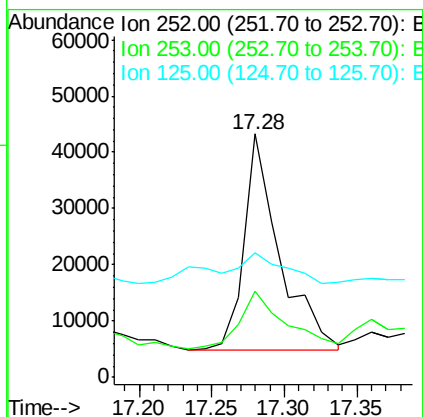
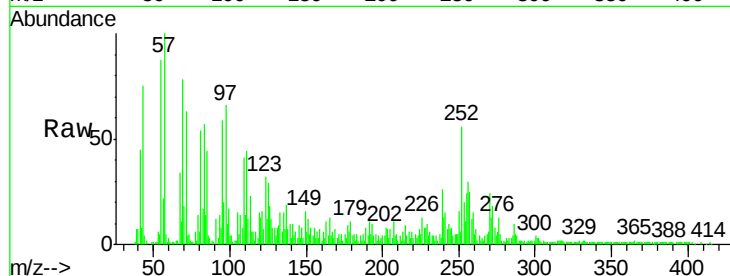




#87
Benzo(b)fluoranthene
Concen: 3.94 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.06 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

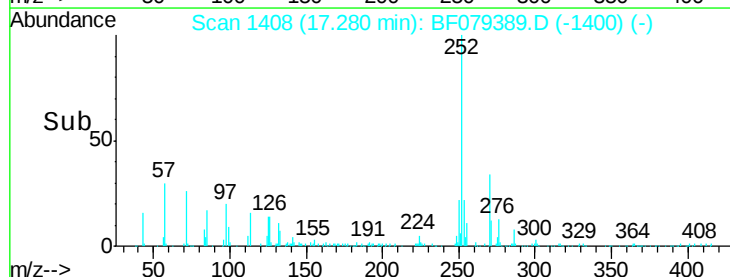
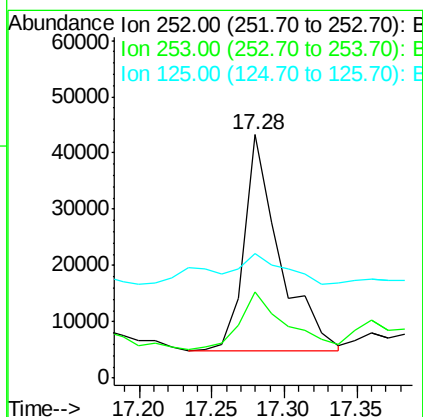
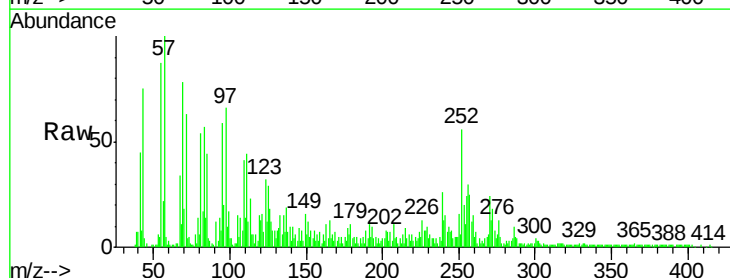
Instrument :
BNA_F
ClientSampleId :
2DEPTH

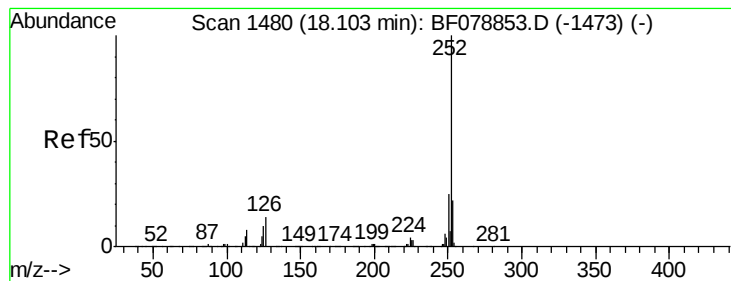
Tgt Ion: 252 Resp: 64936
Ion Ratio Lower Upper
252 100
253 35.2 18.1 27.1#
125 51.1 9.4 14.2#



#88
Benzo(k)fluoranthene
Concen: 4.07 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.09 min
Lab File: BF079389.D
Acq: 20 May 2015 20:26

Tgt Ion: 252 Resp: 64936
Ion Ratio Lower Upper
252 100
253 35.2 17.4 26.0#
125 51.1 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 5.56 ng

RT: 17.67 min Scan# 1442

Delta R.T. -0.08 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Instrument :

BNA_F

ClientSampleId :

2DEPTH

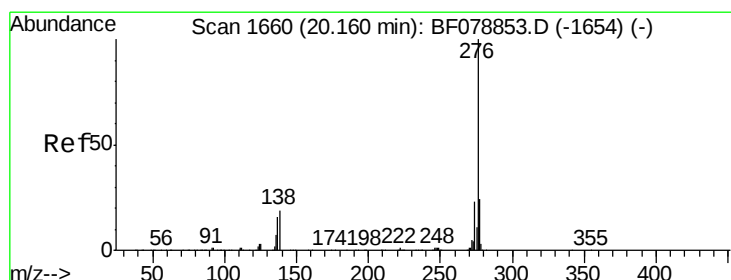
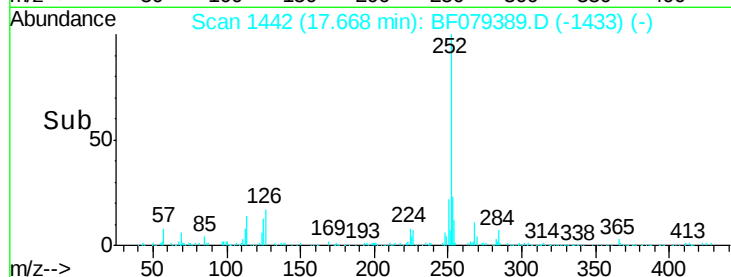
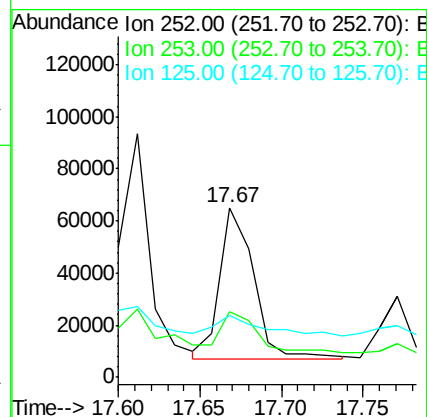
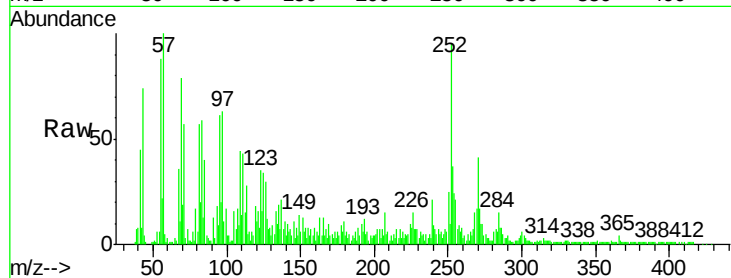
Tgt Ion:252 Resp: 84408

Ion Ratio Lower Upper

252 100

253 38.5 18.0 27.0#

125 36.2 8.2 12.2#



#91

Benzo(g,h,i)perylene

Concen: 2.96 ng

RT: 19.50 min Scan# 1602

Delta R.T. -0.11 min

Lab File: BF079389.D

Acq: 20 May 2015 20:26

Tgt Ion:276 Resp: 47856

Ion Ratio Lower Upper

276 100

277 31.9 18.8 28.2#

138 37.6 15.2 22.8#

