

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079627.D
 Acq On : 31 May 2015 4:49
 Operator : TP/IZ
 Sample : G2291-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-13

Quant Time: May 31 05:54:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	77918	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	299978	20.00	ng	-0.02
38) Acenaphthene-d10	10.68	164	134733	20.00	ng	-0.02
63) Phenanthrene-d10	12.52	188	257191	20.00	ng	-0.01
75) Chrysene-d12	15.78	240	313945	20.00	ng	-0.06
86) Perylene-d12	17.46	264	305305	20.00	ng	-0.21

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	453415	100.93	ng	-0.03
7) Phenol-d6	6.52	99	590564	103.14	ng	-0.03
23) Nitrobenzene-d5	7.63	82	355139	68.44	ng	-0.03
41) 2,4,6-Tribromophenol	11.67	330	156190	105.54	ng	-0.02
44) 2-Fluorobiphenyl	9.86	172	603399	63.89	ng	-0.02
78) Terphenyl-d14	14.51	244	775347	57.96	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	95226	44.56	ng	# 100
9) Benzaldehyde	6.39	77	567	Below	Cal	# 1
15) Benzyl Alcohol	7.12	79	8760	2.08	ng	# 41
18) Hexachloroethane	7.55	117	8453	4.16	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	16568	4.11	ng	# 75
22) Acetophenone	7.43	105	23983	3.57	ng	# 57
24) Nitrobenzene	7.61	77	12447	2.43	ng	# 34
25) Isophorone	7.92	82	46561	4.92	ng	# 1
26) 2-Nitrophenol	8.08	139	6001	2.48	ng	# 1
31) Naphthalene	8.51	128	40367	2.80	ng	# 1
32) Benzoic acid	8.26	122	8026	2.97	ng	# 1
35) Caprolactam	9.10	113	87975	69.97	ng	# 56
45) 1,1'-Biphenyl	9.99	154	28096	2.67	ng	# 89
47) 2-Nitroaniline	10.14	65	6685	2.71	ng	# 1
49) Dimethylphthalate	10.38	163	45222	4.56	ng	# 90
50) 2,6-Dinitrotoluene	10.44	165	12144	6.12	ng	# 85
51) Acenaphthene	10.72	154	58570	7.42	ng	# 87
52) 3-Nitroaniline	10.65	138	9524	3.69	ng	# 53
53) 2,4-Dinitrophenol	10.80	184	983	7.29	ng	# 1
54) Dibenzofuran	10.94	168	38543	3.31	ng	# 18
55) 4-Nitrophenol	10.88	139	9972	6.97	ng	# 15
56) 2,4-Dinitrotoluene	10.96	165	42422	15.95	ng	# 55
57) Fluorene	11.36	166	137026	14.29	ng	# 75
61) 4-Nitroaniline	11.24	138	6580	2.74	ng	# 83
64) 4,6-Dinitro-2-methylphenol	11.50	198	5146	10.38	ng	# 1
65) n-Nitrosodiphenylamine	11.52	169	364763	42.70	ng	# 41
68) Atrazine	12.19	200	24716	10.71	ng	# 74
70) Phenanthrene	12.55	178	317065	22.47	ng	# 96
71) Anthracene	12.60	178	46406	3.24	ng	# 1
73) Di-n-butylphthalate	13.28	149	6694	Below	Cal	# 1
74) Fluoranthene	14.02	202	35911	2.37	ng	# 66
77) Pyrene	14.30	202	171859	8.84	ng	# 93
89) Benzo(a)pyrene	17.41	252	5025	Below	Cal	# 78
90) Dibenzo(a,h)anthracene	18.77	278	9783	Below	Cal	# 92

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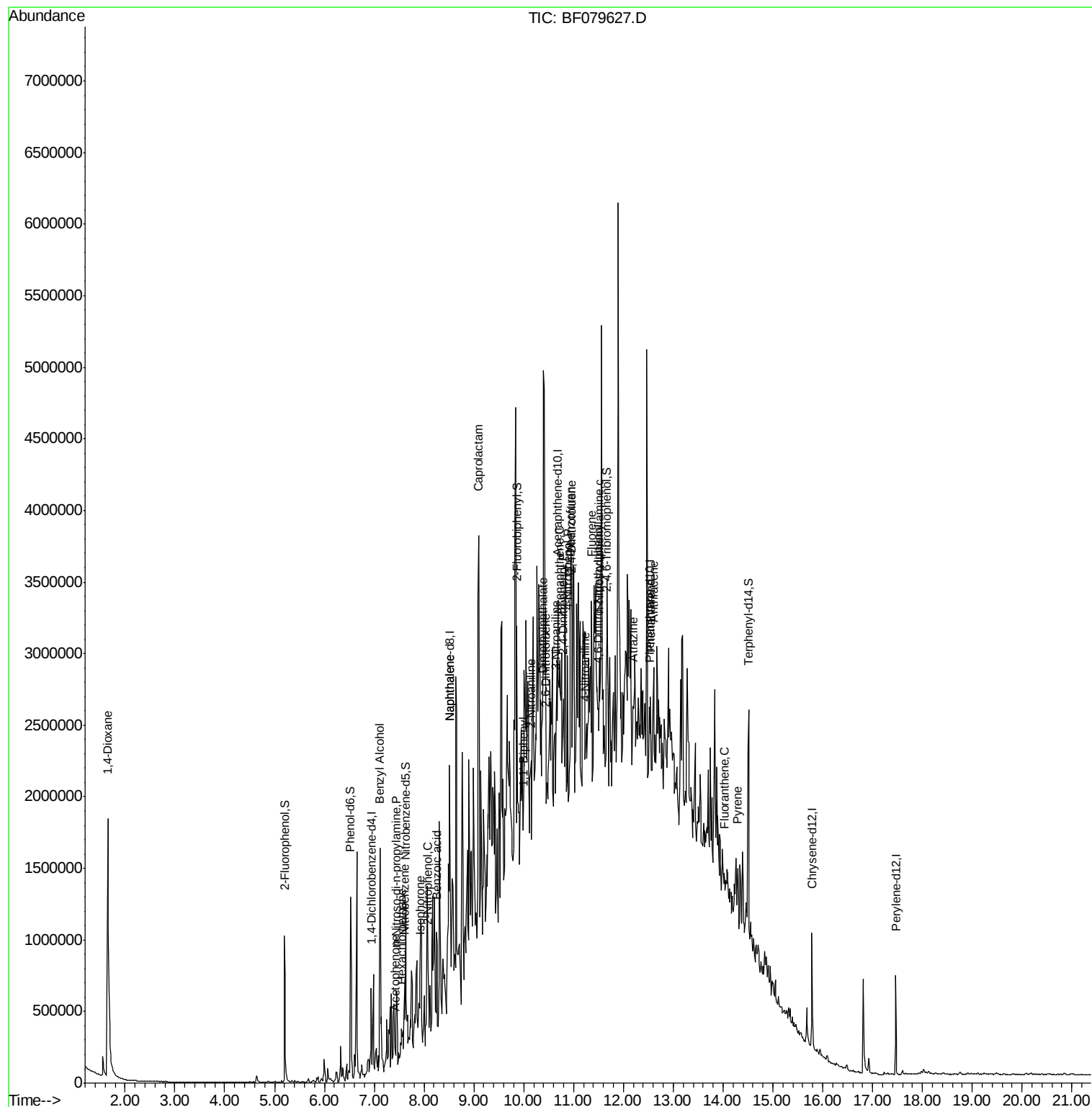
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	19.11	276	7976	Below Cal		93

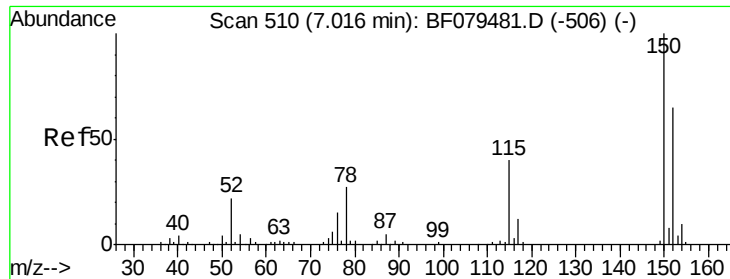
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

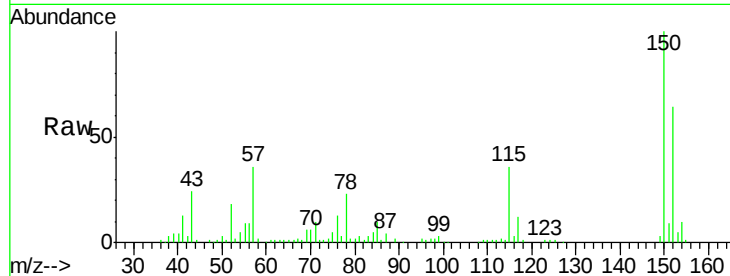
Tgt Ion:152 Resp: 77918

Ion Ratio Lower Upper

152 100

150 155.5 124.0 186.0

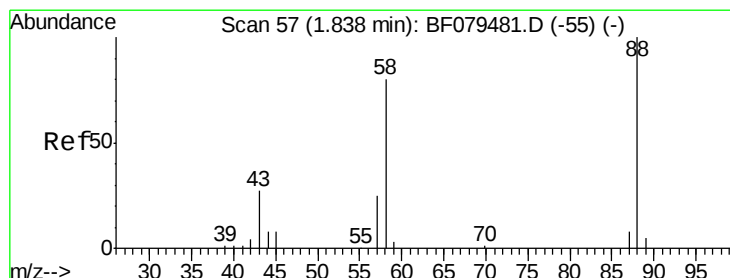
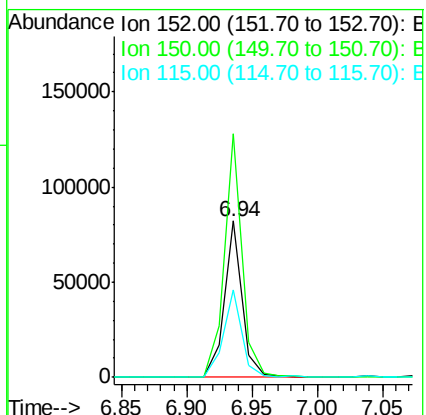
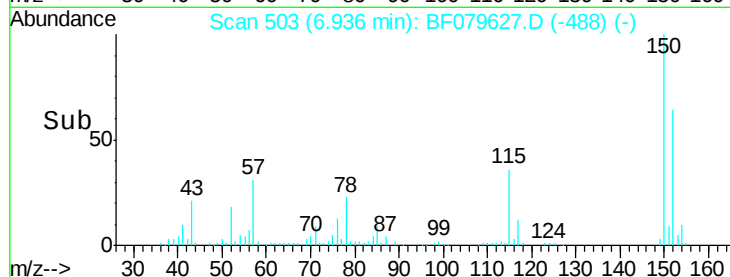
115 56.2 49.6 74.4



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



#2

1,4-Dioxane

Concen: 44.56 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

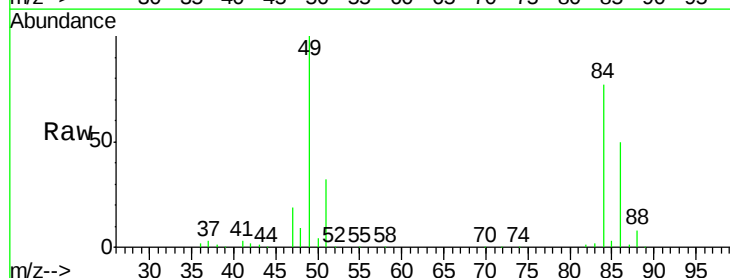
Tgt Ion: 88 Resp: 95226

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

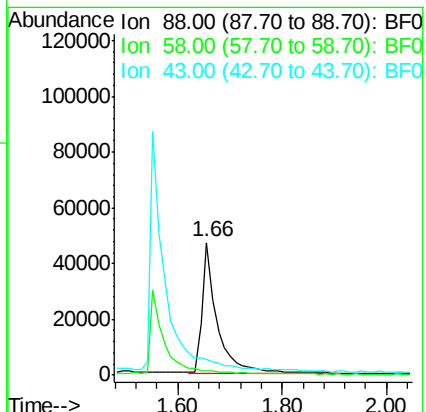
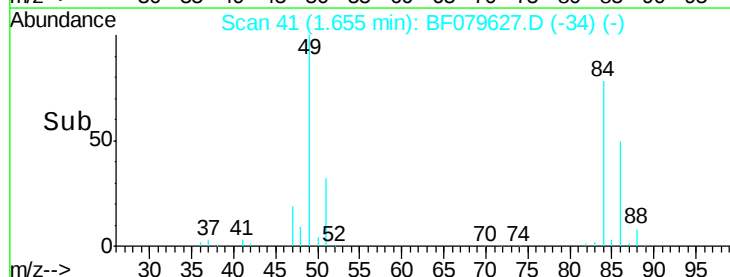
43 0.0 0.0 0.0

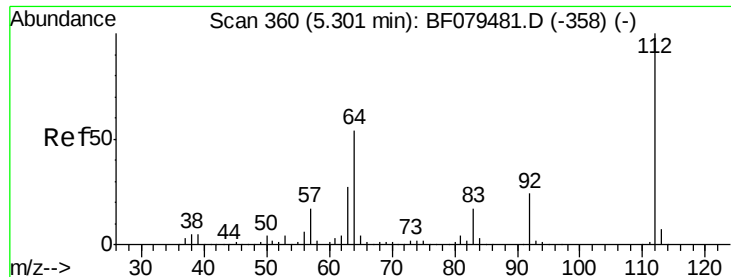


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 100.93 ng

RT: 5.20 min Scan# 351

Delta R.T. -0.03 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

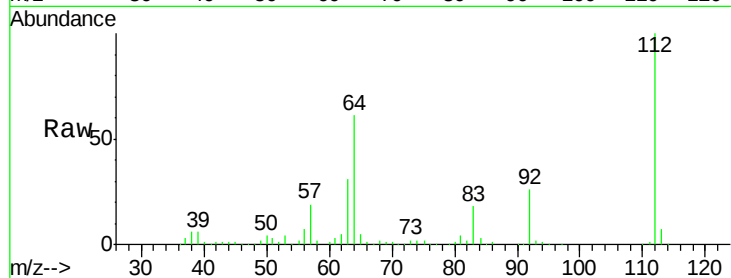
Instrument :

BNA_F

ClientSampleId :

C-13

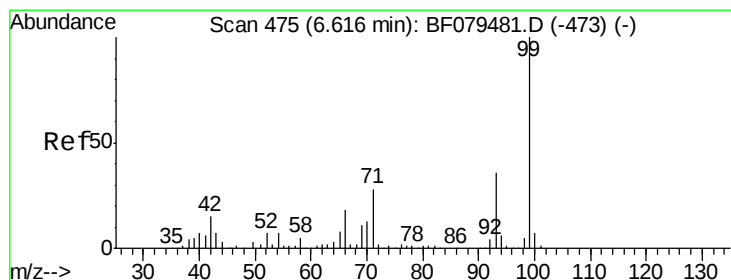
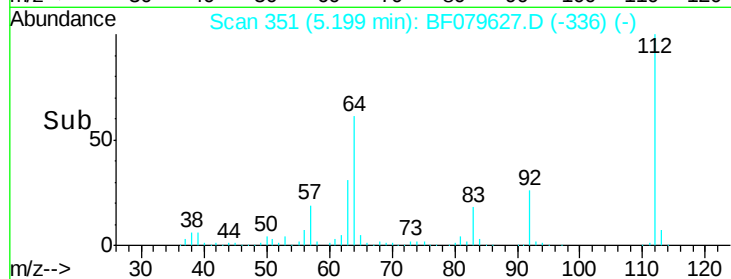
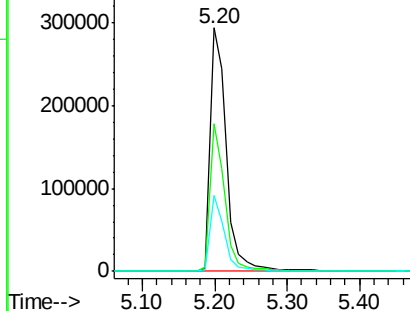
Tgt Ion:	112	Resp:	453415
Ion	Ratio	Lower	Upper
112	100		
64	60.8	43.5	65.3
63	31.2	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): BF079481.D (-358) (-)

Ion 64.00 (63.70 to 64.70): BF079481.D (-358) (-)

Ion 63.00 (62.70 to 63.70): BF079481.D (-358) (-)



#7

Phenol-d6

Concen: 103.14 ng

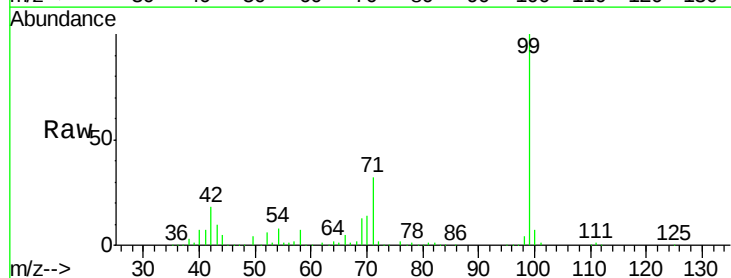
RT: 6.52 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

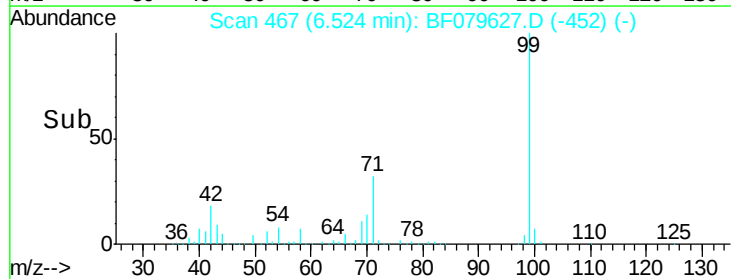
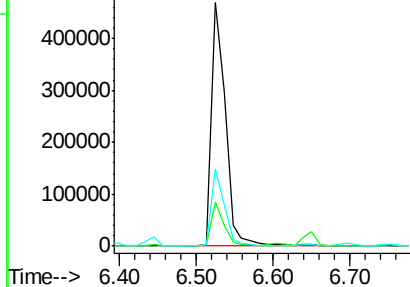
Tgt Ion:	99	Resp:	590564
Ion	Ratio	Lower	Upper
99	100		
42	18.3	11.9	17.9#
71	31.9	22.1	33.1

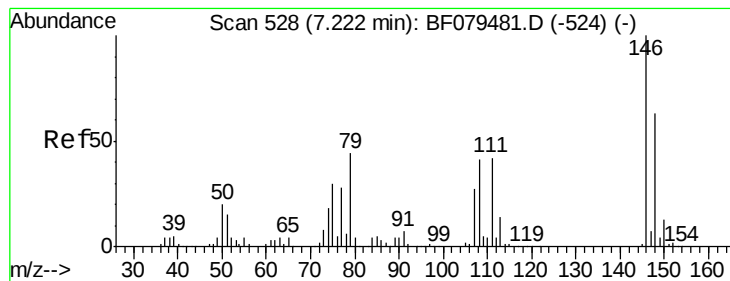


Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079481.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079481.D (-473) (-)





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.12 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampled :

C-13

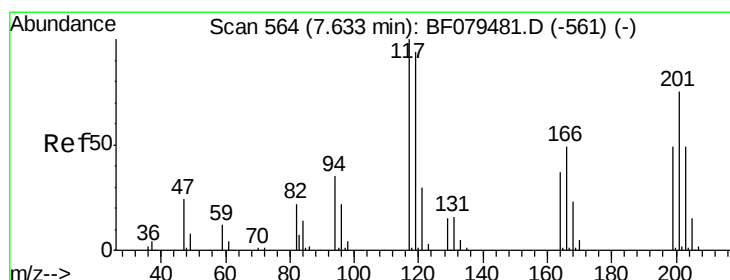
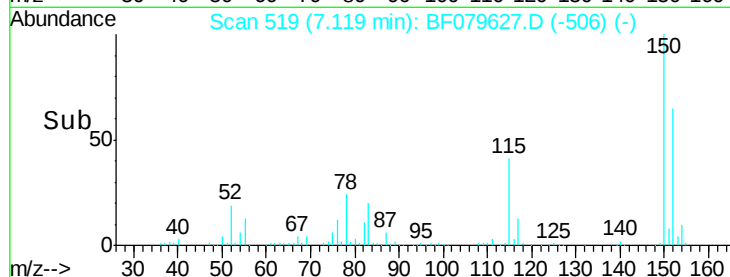
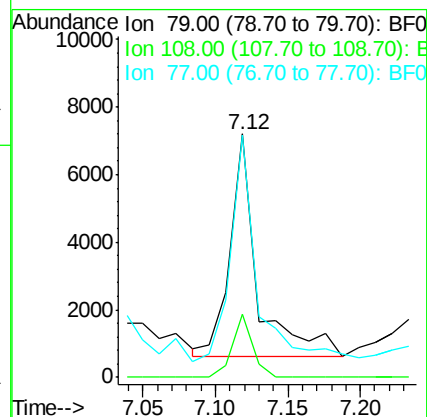
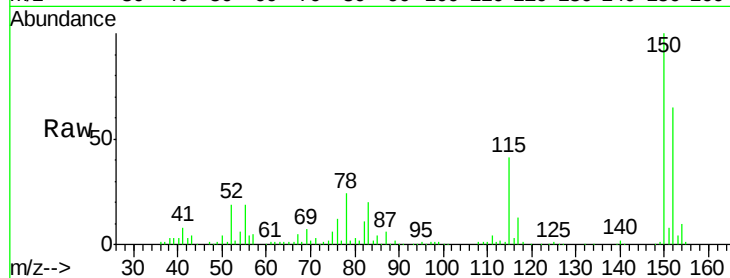
Tgt Ion: 79 Resp: 8760

Ion Ratio Lower Upper

79 100

108 26.2 73.7 110.5#

77 99.5 51.1 76.7#



#18

Hexachloroethane

Concen: 4.16 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

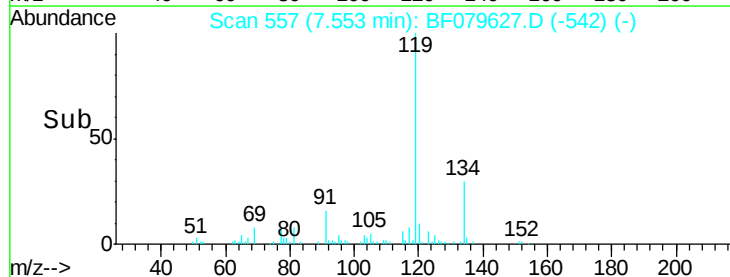
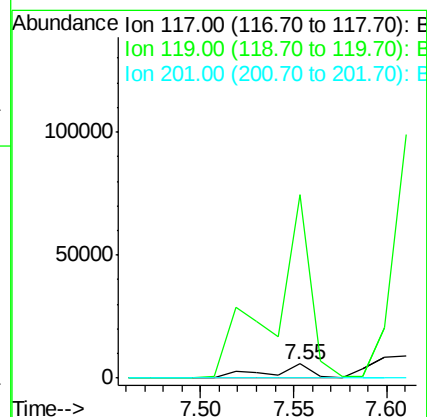
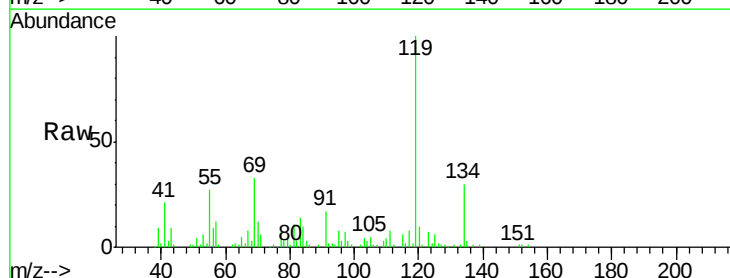
Tgt Ion: 117 Resp: 8453

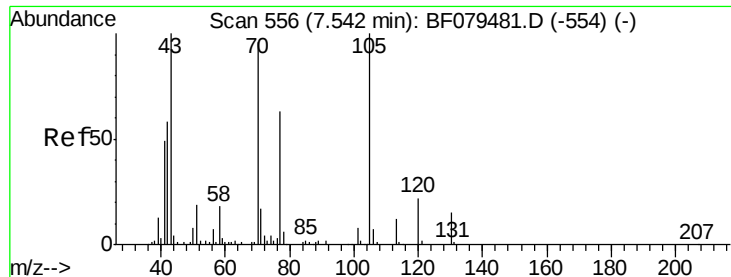
Ion Ratio Lower Upper

117 100

119 1312.0 74.9 112.3#

201 0.0 60.2 90.4#

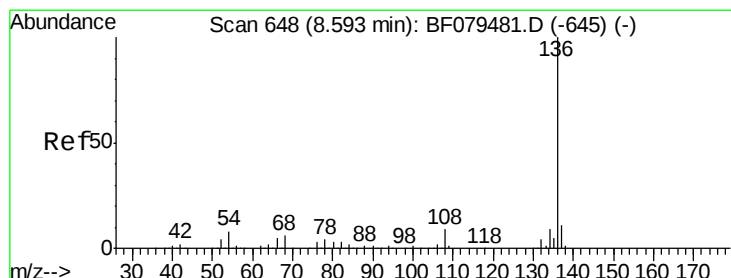
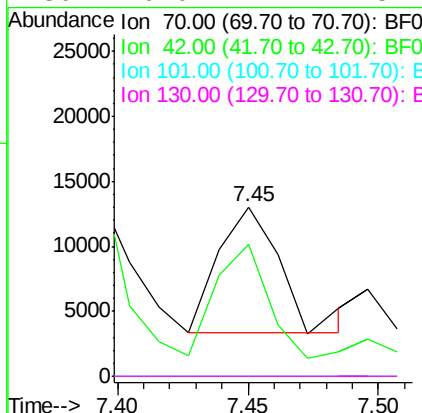
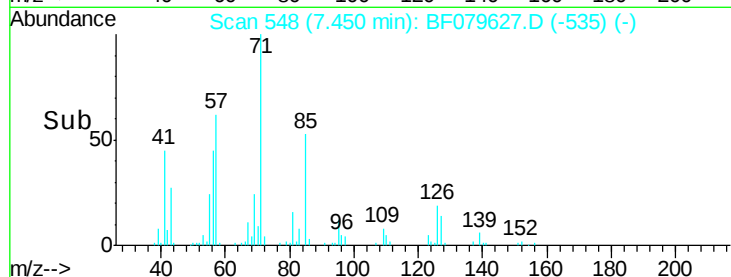
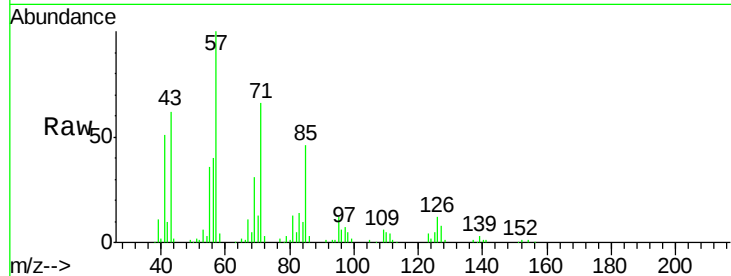




#19
n-Nitroso-di-n-propylamine
Concen: 4.11 ng
RT: 7.45 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

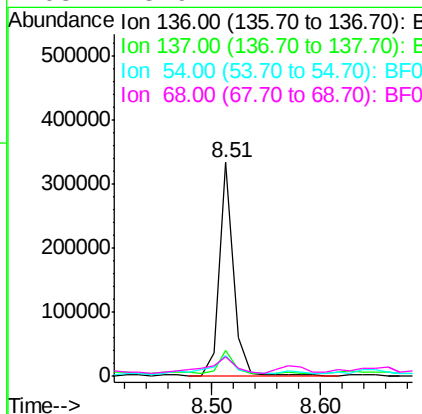
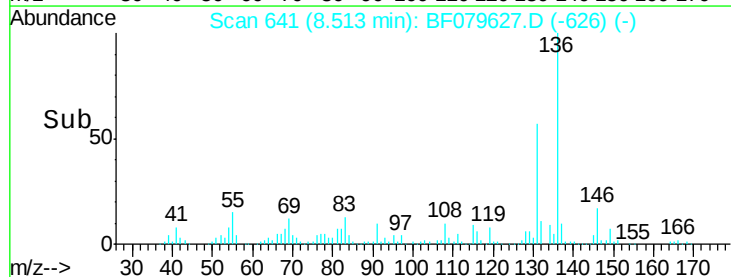
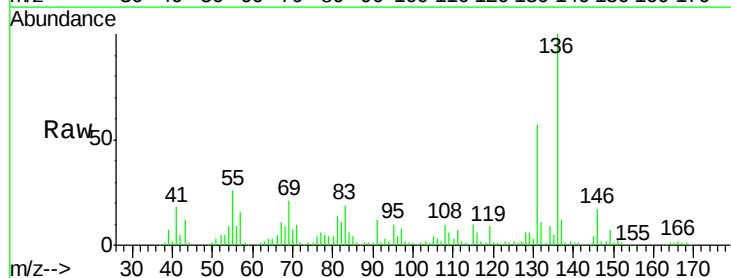
Instrument :
BNA_F
ClientSampled :
C-13

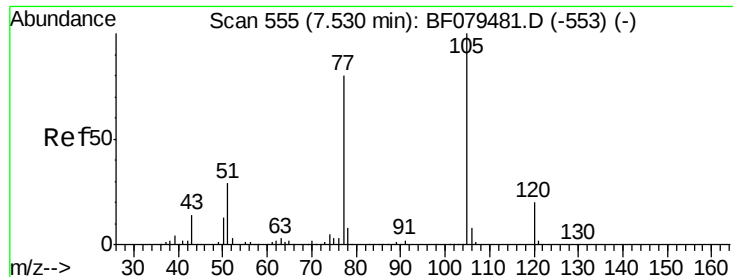
Tgt Ion: 70 Resp: 16568
Ion Ratio Lower Upper
70 100
42 78.0 48.8 73.2#
101 0.0 6.6 9.8#
130 0.0 12.2 18.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

Tgt Ion: 136 Resp: 299978
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 9.4 6.6 9.8
68 8.9 4.7 7.1#

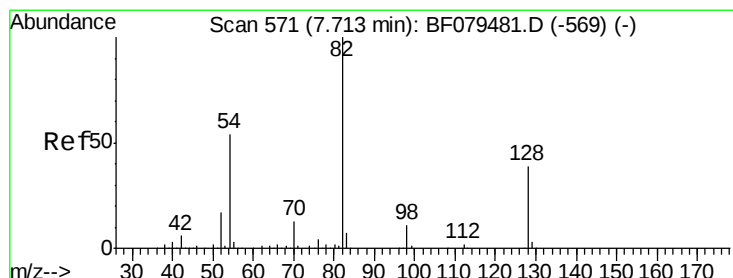
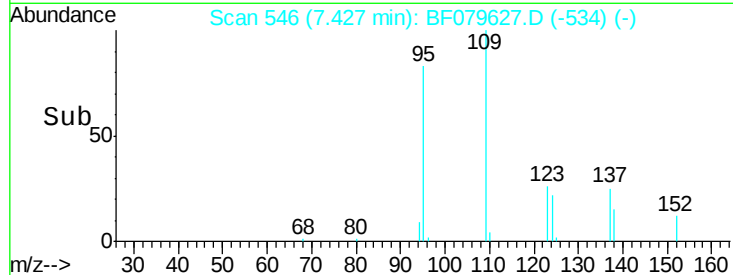
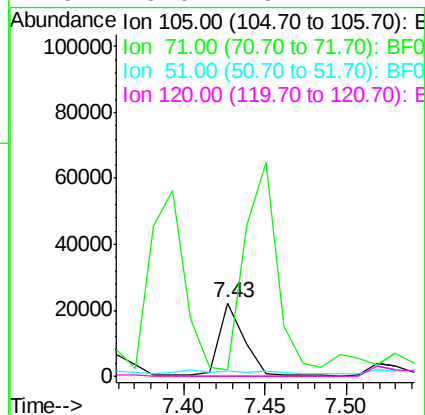
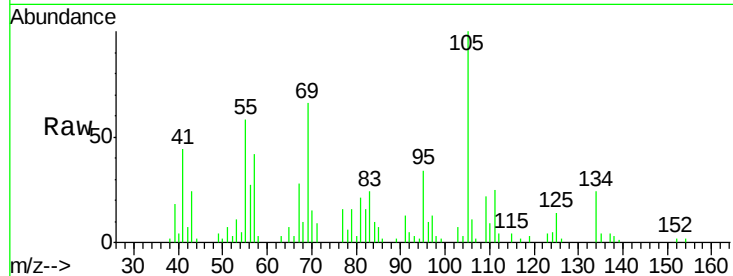




#22
Acetophenone
Concen: 3.57 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.06 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

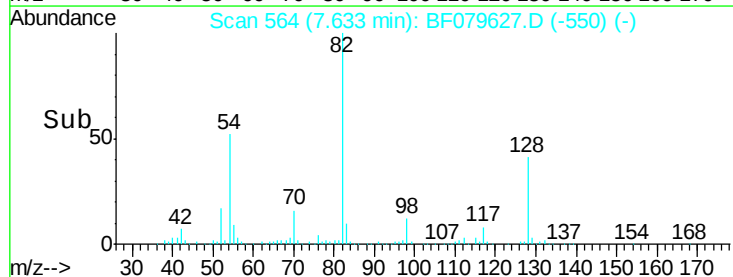
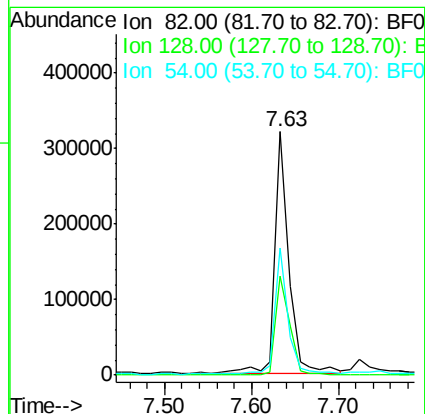
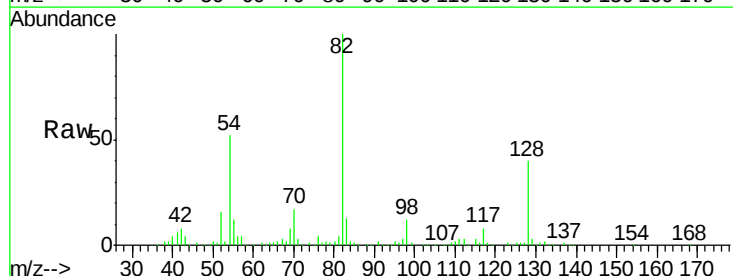
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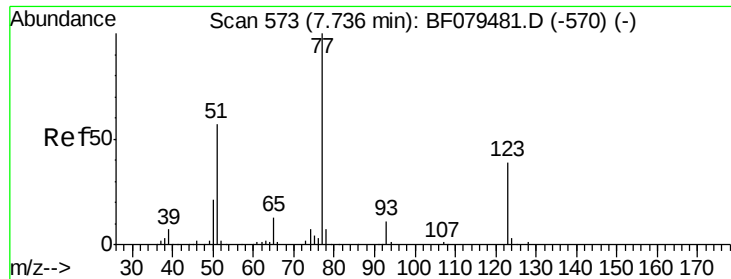
Tgt Ion:	105	Resp:	23983
Ion Ratio	Lower	Upper	
105	100		
71	9.1	0.2	0.4#
51	6.7	23.7	35.5#
120	0.0	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 68.44 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

Tgt Ion:	82	Resp:	355139
Ion Ratio	Lower	Upper	
82	100		
128	40.5	30.8	46.2
54	52.0	42.8	64.2





#24

Nitrobenzene

Concen: 2.43 ng

RT: 7.61 min Scan# 562

Delta R.T. -0.08 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampled :

C-13

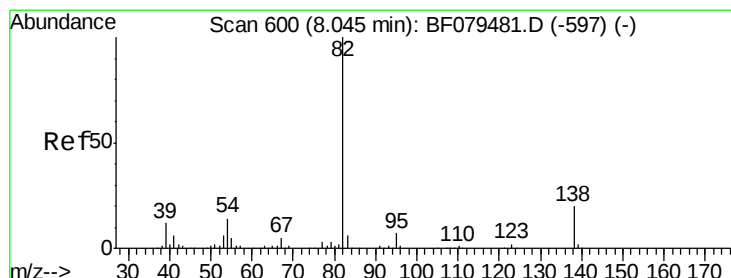
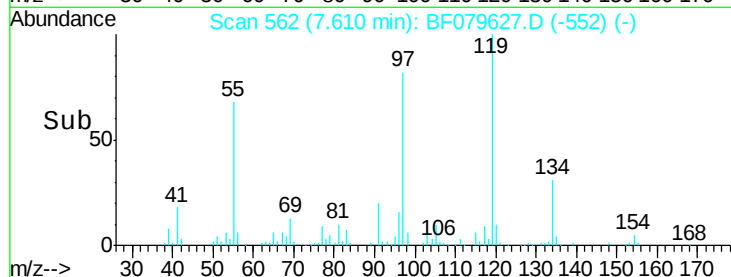
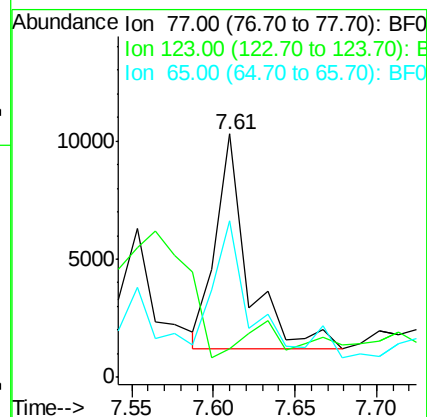
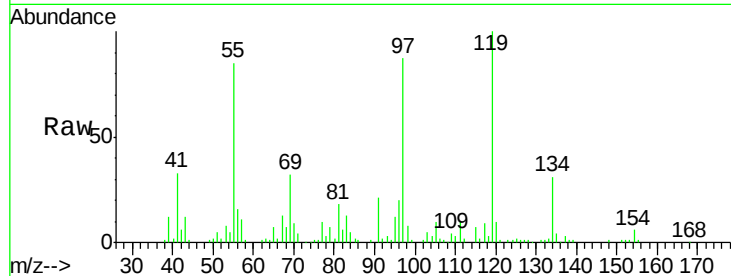
Tgt Ion: 77 Resp: 12447

Ion Ratio Lower Upper

77 100

123 11.7 31.0 46.4#

65 64.3 10.6 15.8#



#25

Isophorone

Concen: 4.92 ng

RT: 7.92 min Scan# 589

Delta R.T. -0.07 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

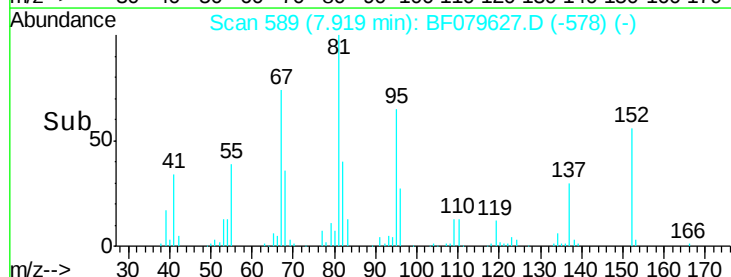
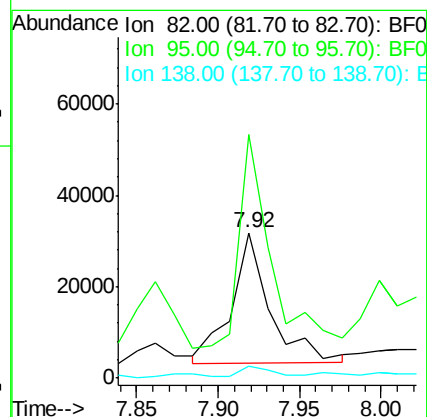
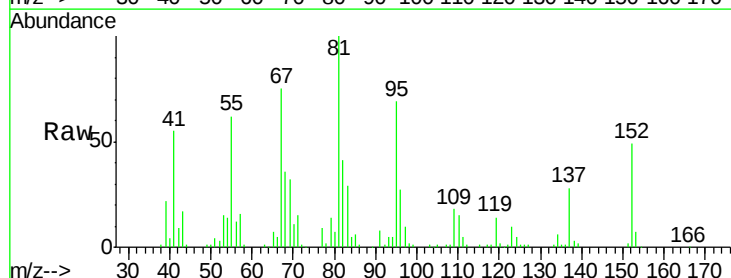
Tgt Ion: 82 Resp: 46561

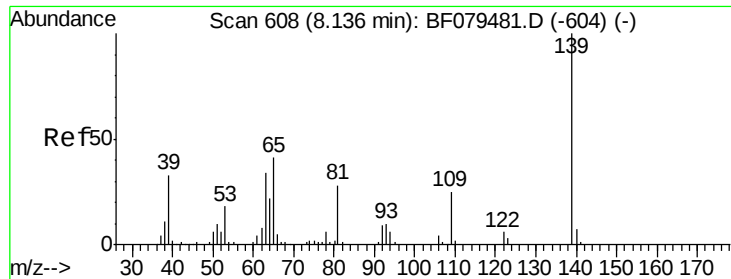
Ion Ratio Lower Upper

82 100

95 167.8 5.5 8.3#

138 8.1 16.1 24.1#

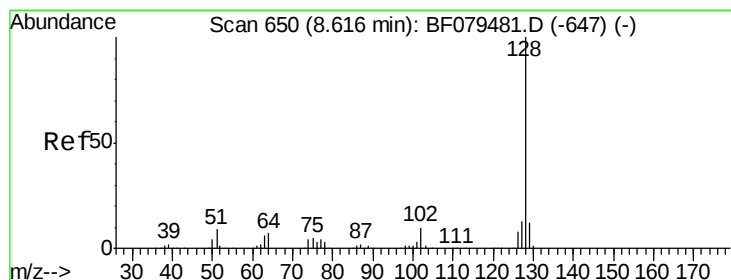
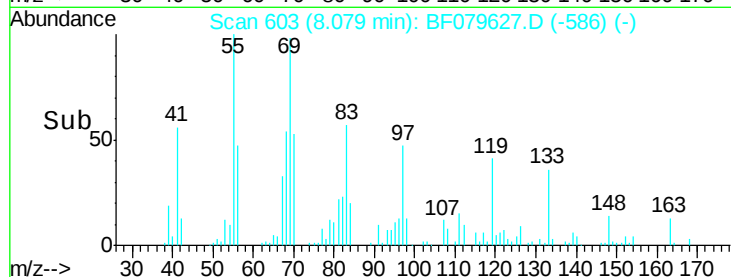
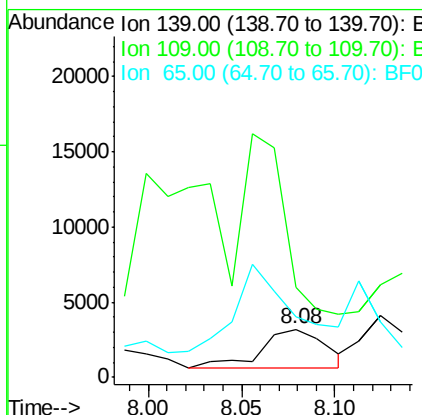
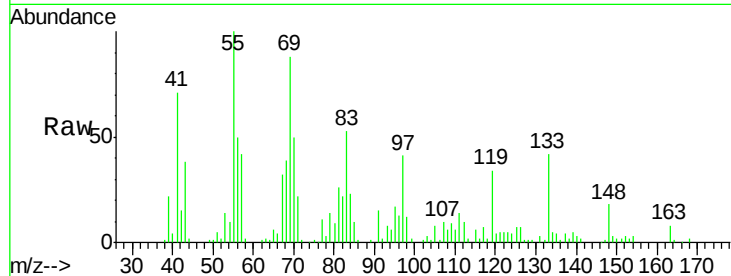




#26
2-Nitrophenol
Concen: 2.48 ng
RT: 8.08 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

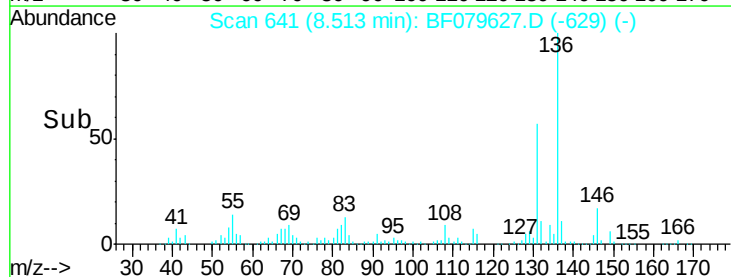
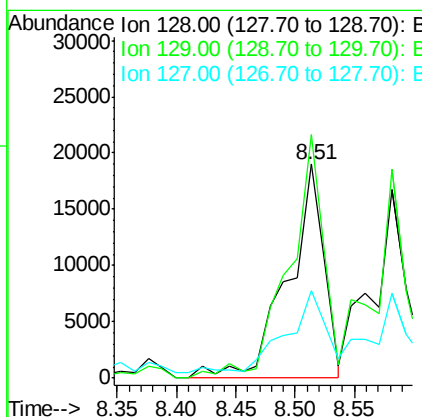
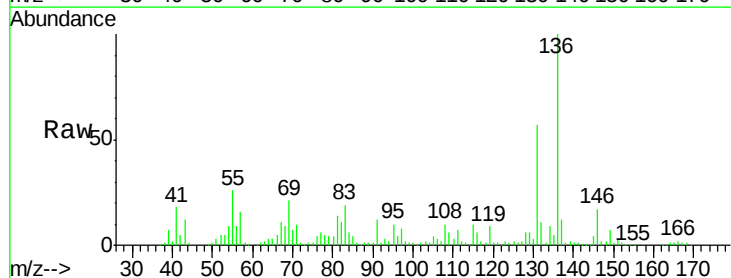
Instrument :
BNA_F
ClientSampled :
C-13

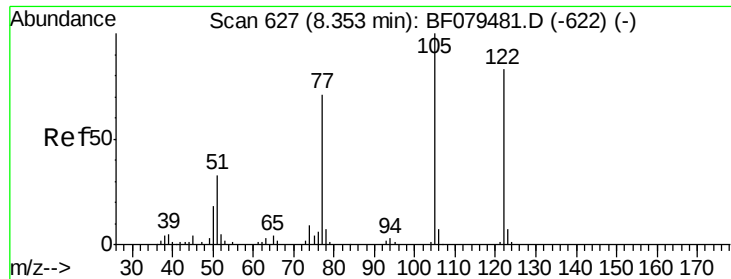
Tgt Ion:139 Resp: 6001
Ion Ratio Lower Upper
139 100
109 188.6 20.2 30.2#
65 127.8 32.5 48.7#



#31
Naphthalene
Concen: 2.80 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

Tgt Ion:128 Resp: 40367
Ion Ratio Lower Upper
128 100
129 113.8 9.3 13.9#
127 41.1 10.6 15.8#





#32

Benzoic acid

Concen: 2.97 ng

RT: 8.26 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

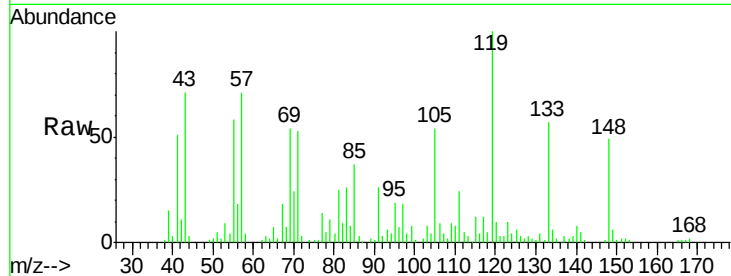
Tgt Ion:122 Resp: 8026

Ion Ratio Lower Upper

122 100

105 2087.9 100.2 140.2#

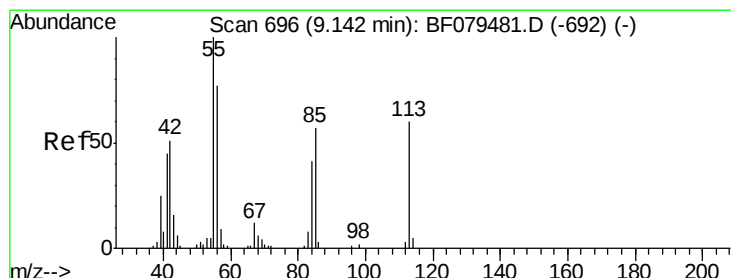
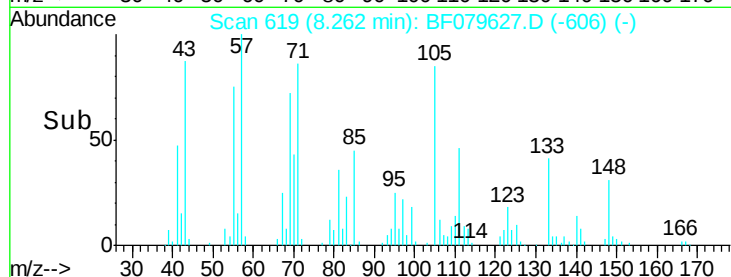
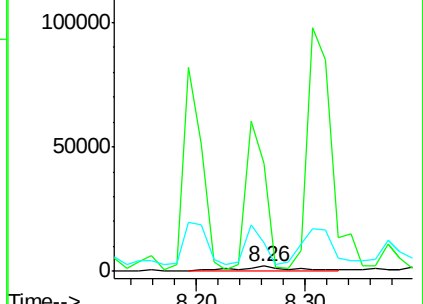
77 541.5 64.8 104.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 69.97 ng

RT: 9.10 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

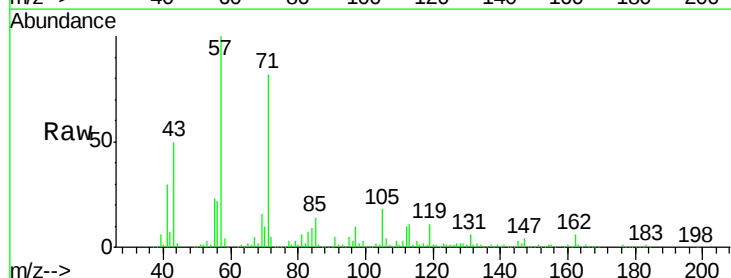
Tgt Ion:113 Resp: 87975

Ion Ratio Lower Upper

113 100

55 208.2 147.2 187.2#

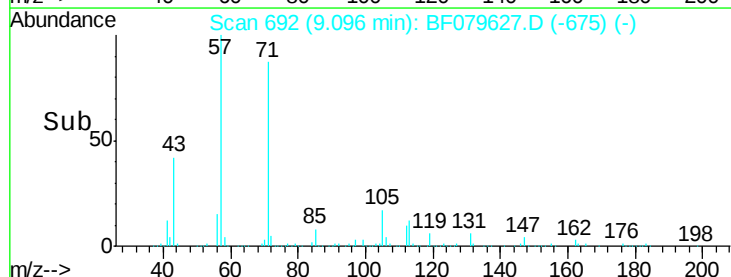
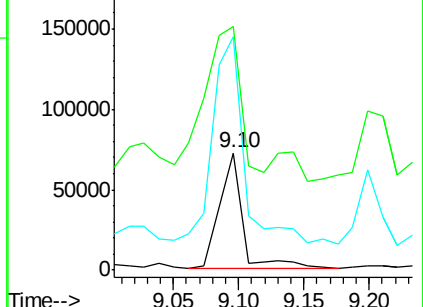
56 200.2 108.6 148.6#

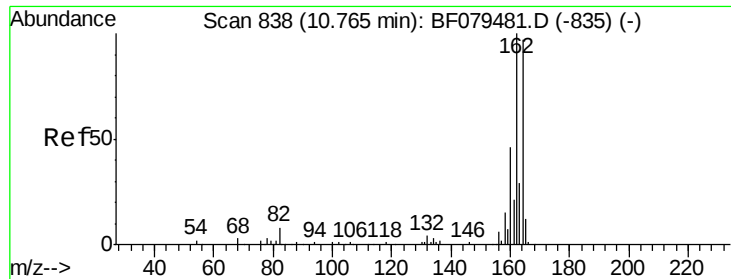


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

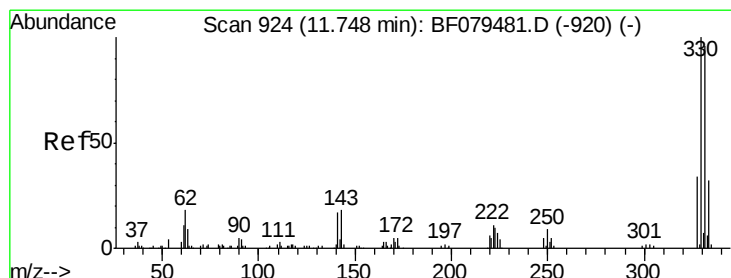
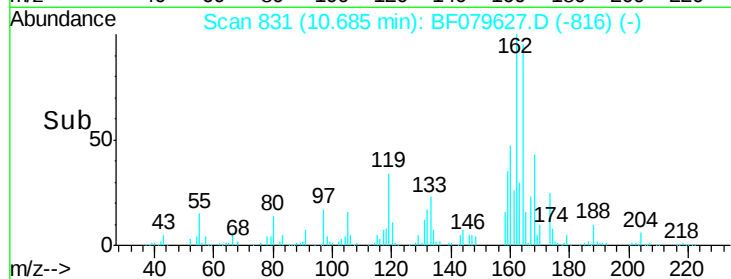
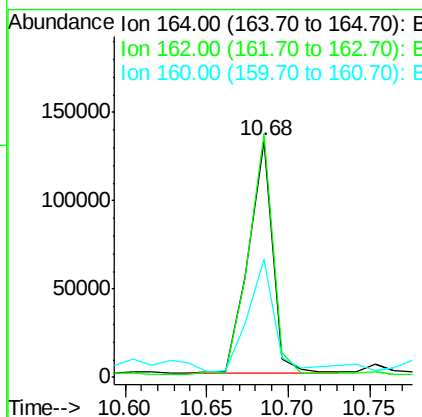
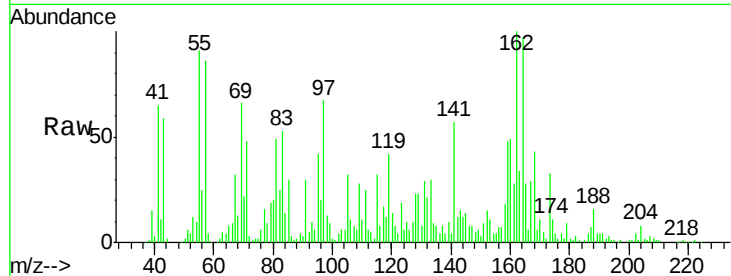




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.68 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

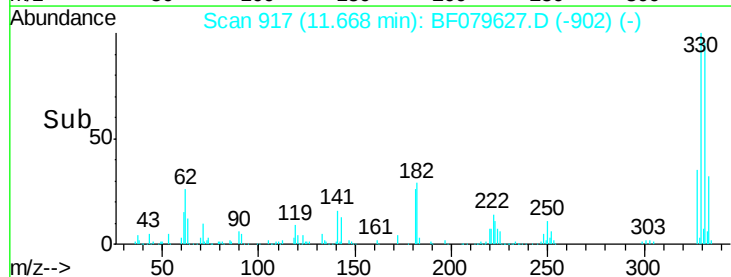
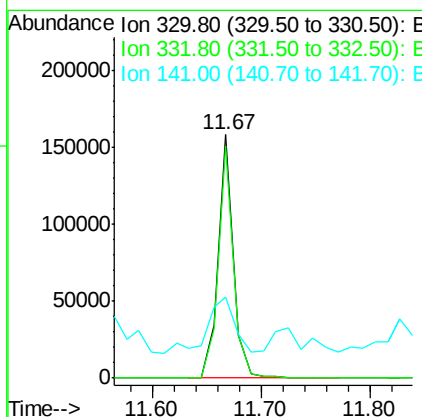
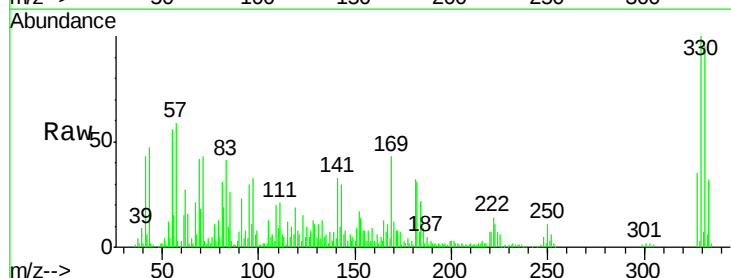
Instrument :
 BNA_F
 ClientSampleId :
 C-13

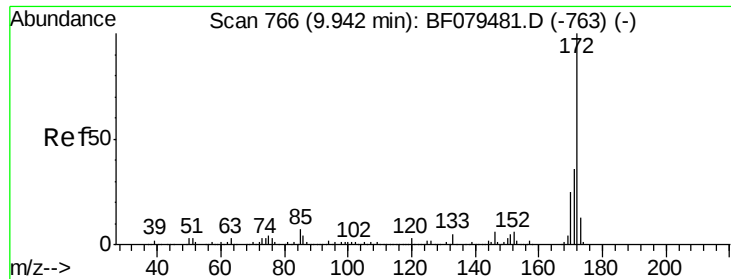
Tgt Ion:164 Resp: 134733
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 124.0
 160 50.2 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 105.54 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

Tgt Ion:330 Resp: 156190
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 42.2 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 63.89 ng

RT: 9.86 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampled :

C-13

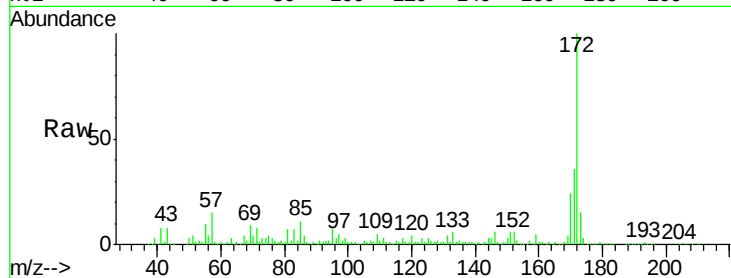
Tgt Ion:172 Resp: 603399

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

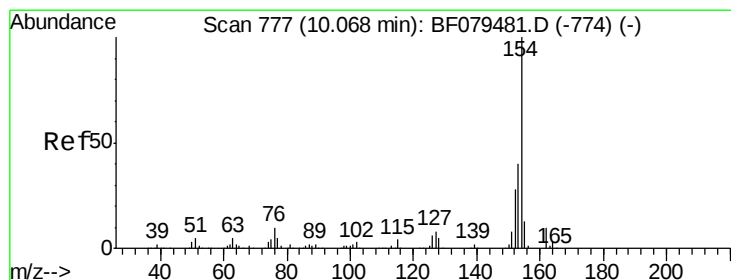
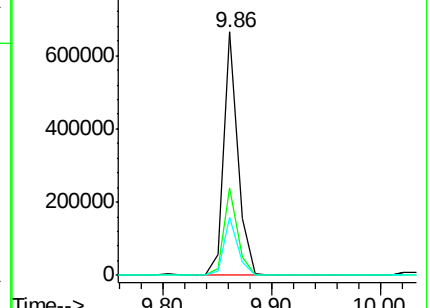
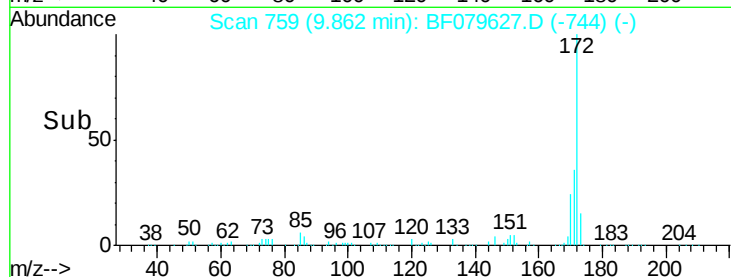
170 23.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 2.67 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

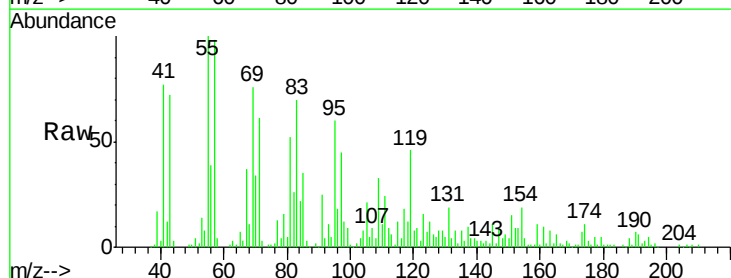
Tgt Ion:154 Resp: 28096

Ion Ratio Lower Upper

154 100

153 47.5 19.5 59.5

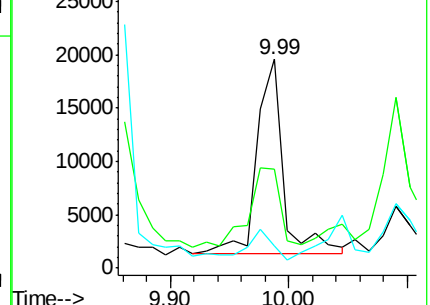
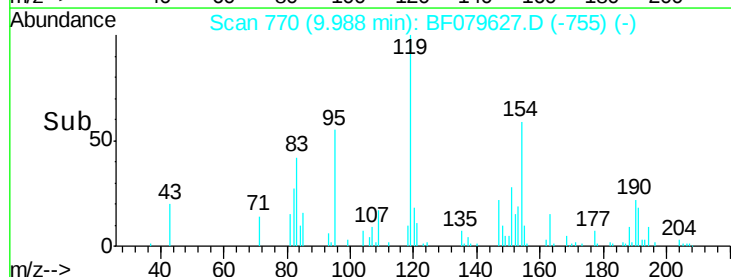
76 10.8 0.0 29.6

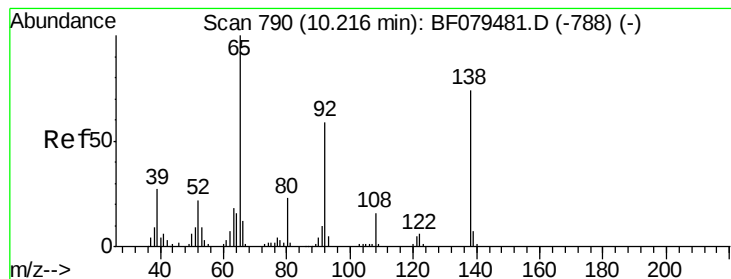


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 2.71 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.03 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

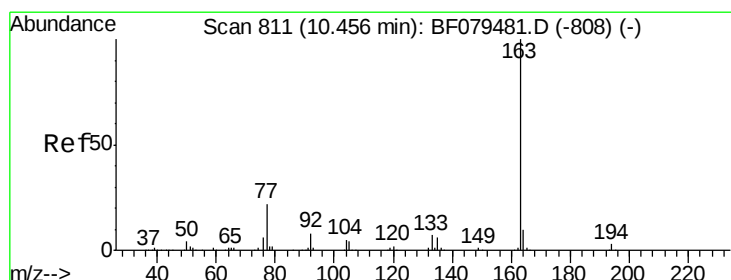
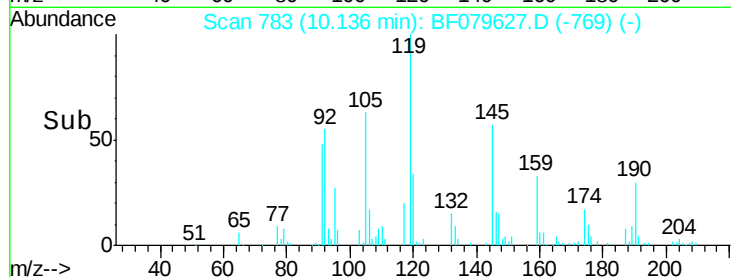
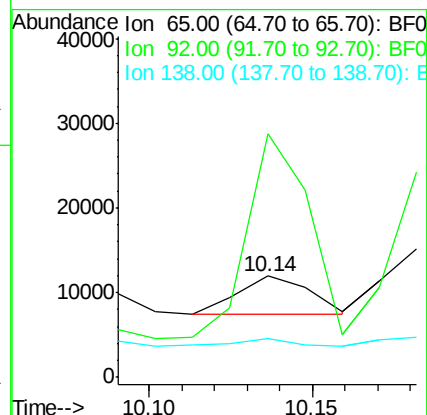
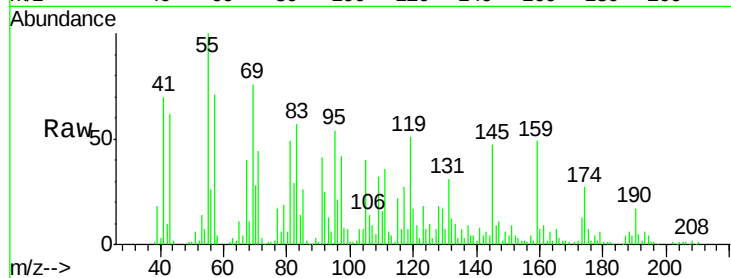
Tgt Ion: 65 Resp: 6685

Ion Ratio Lower Upper

65 100

92 240.5 47.2 70.8#

138 38.4 59.2 88.8#



#49

Dimethylphthalate

Concen: 4.56 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

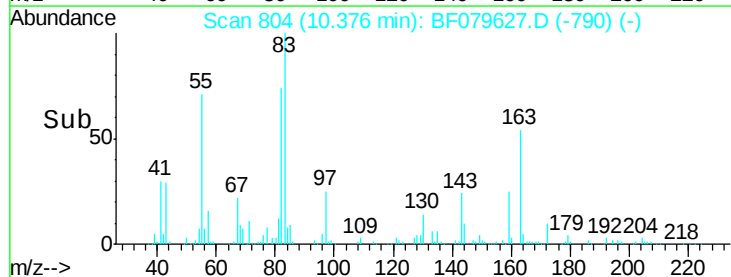
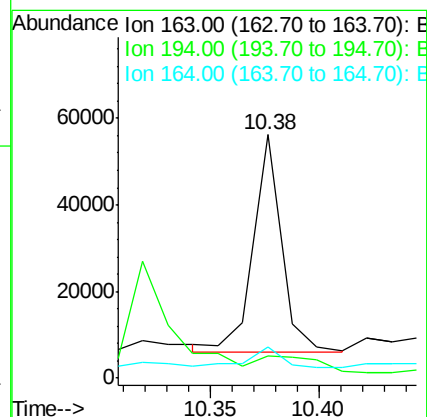
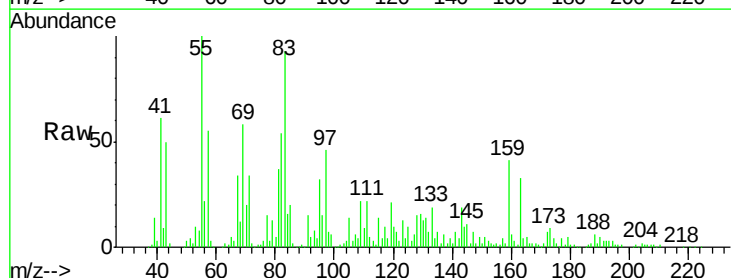
Tgt Ion: 163 Resp: 45222

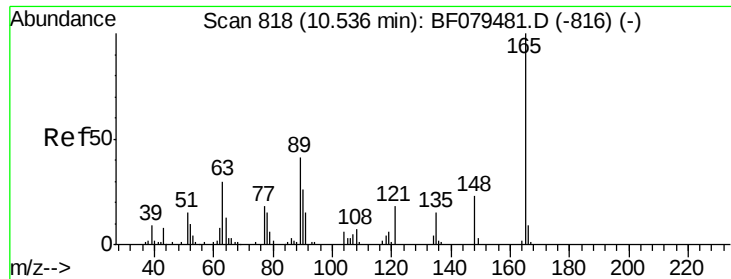
Ion Ratio Lower Upper

163 100

194 9.2 2.4 3.6#

164 13.0 8.2 12.4#

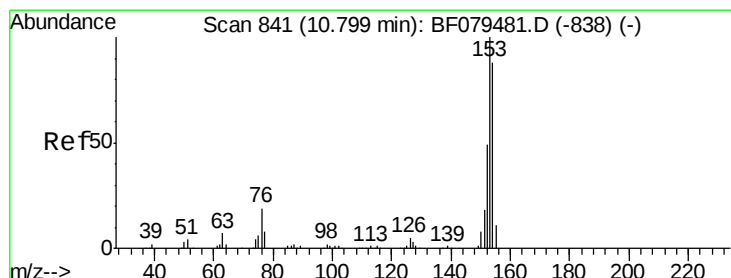
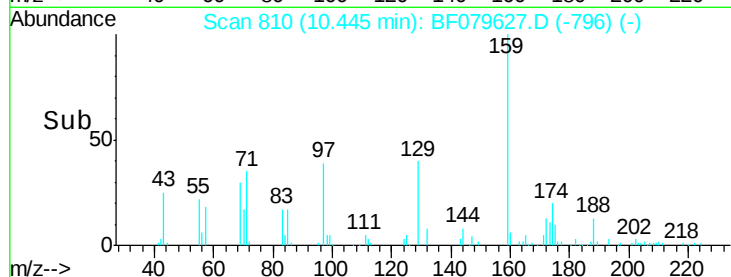
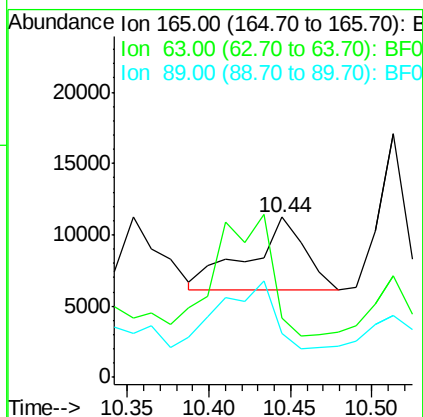
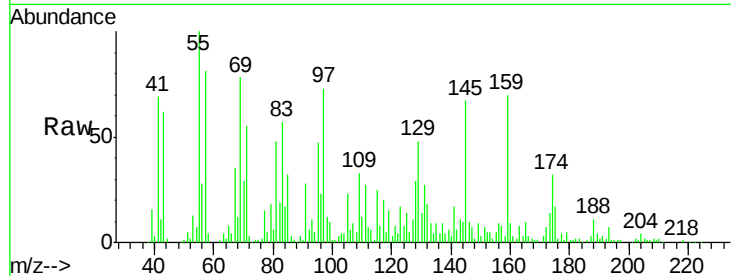




#50
 2,6-Dinitrotoluene
 Concen: 6.12 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

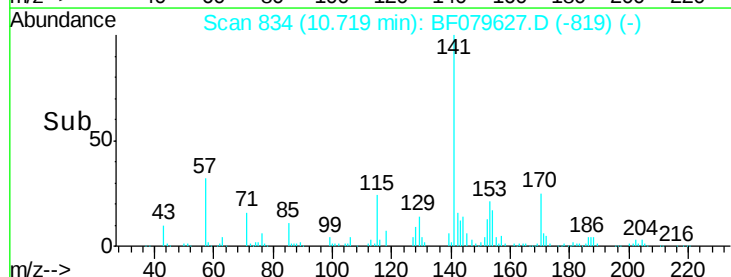
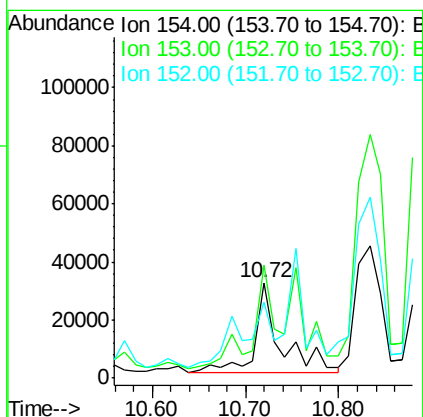
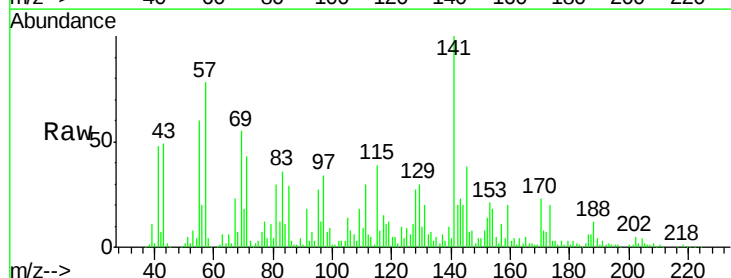
Instrument :
 BNA_F
 ClientSampleId :
 C-13

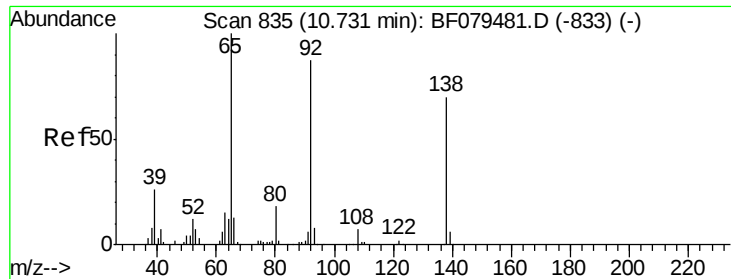
Tgt Ion:165 Resp: 12144
 Ion Ratio Lower Upper
 165 100
 63 36.8 27.7 41.5
 89 27.1 33.7 50.5#



#51
 Acenaphthene
 Concen: 7.42 ng
 RT: 10.72 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

Tgt Ion:154 Resp: 58570
 Ion Ratio Lower Upper
 154 100
 153 118.5 91.1 136.7
 152 79.3 44.6 66.8#

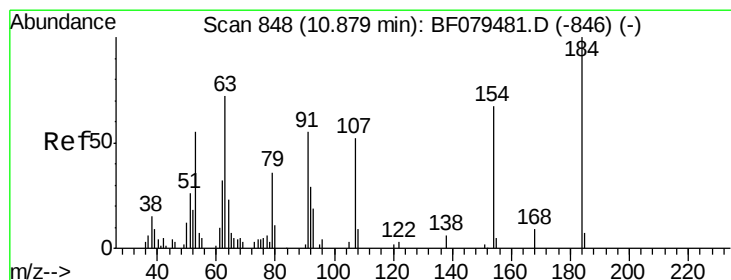
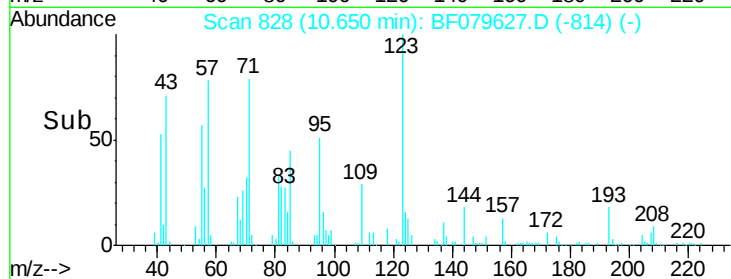
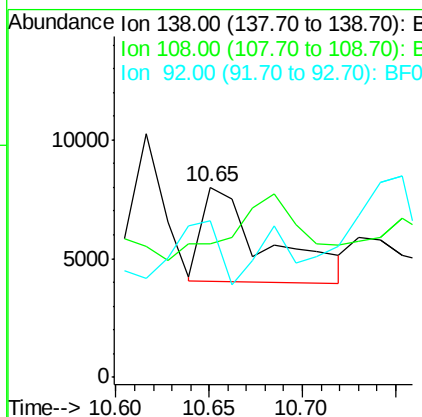
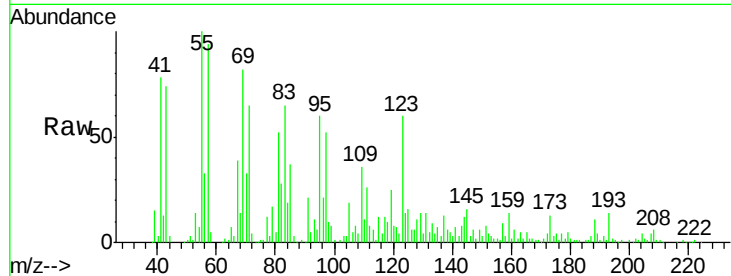




#52
 3-Nitroaniline
 Concen: 3.69 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.03 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

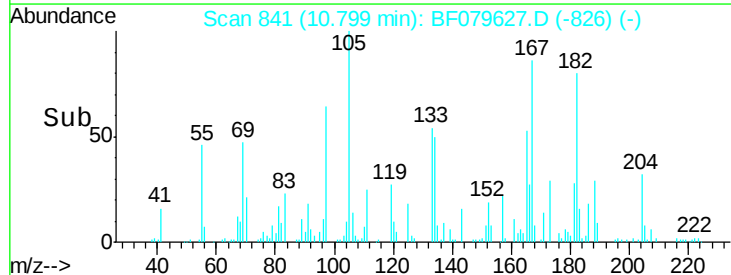
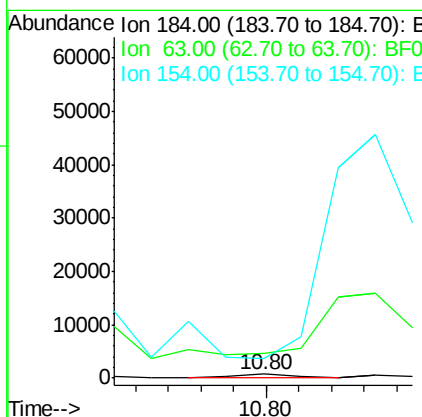
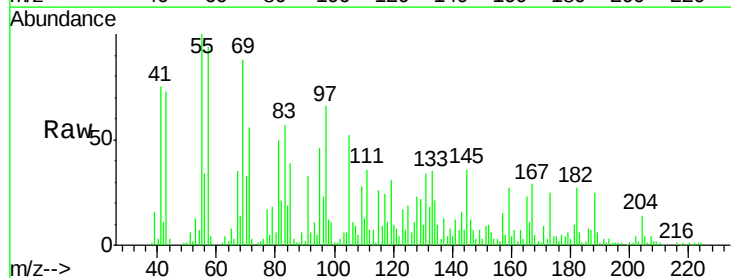
Instrument :
 BNA_F
 ClientSampleId :
 C-13

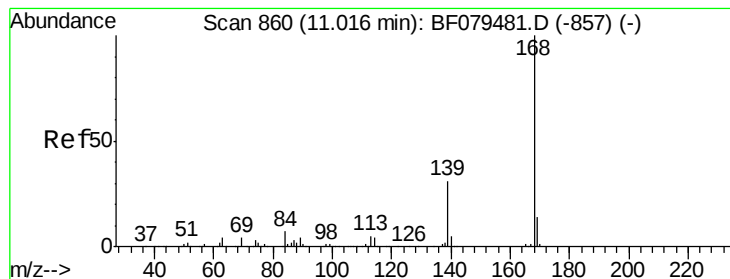
Tgt Ion:138 Resp: 9524
 Ion Ratio Lower Upper
 138 100
 108 70.4 8.0 12.0#
 92 82.6 99.9 149.9#



#53
 2,4-Dinitrophenol
 Concen: 7.29 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

Tgt Ion:184 Resp: 983
 Ion Ratio Lower Upper
 184 100
 63 586.5 57.7 86.5#
 154 479.4 53.4 80.2#





#54

Dibenzofuran

Concen: 3.31 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

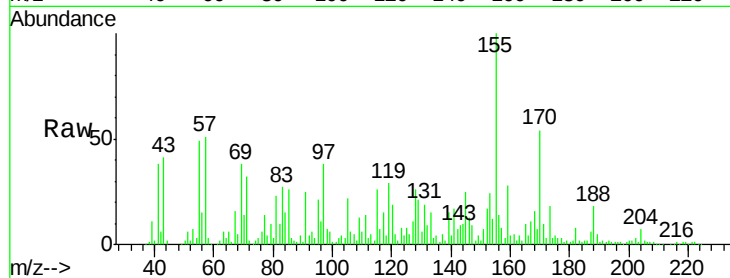
Tgt Ion:168 Resp: 38543

Ion Ratio Lower Upper

168 100

139 93.3 32.9 49.3#

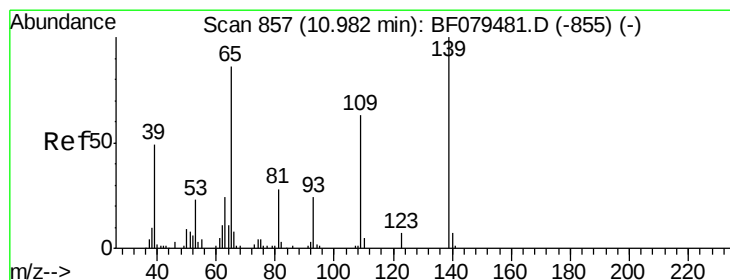
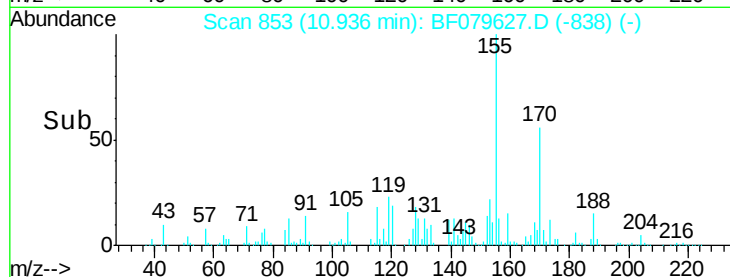
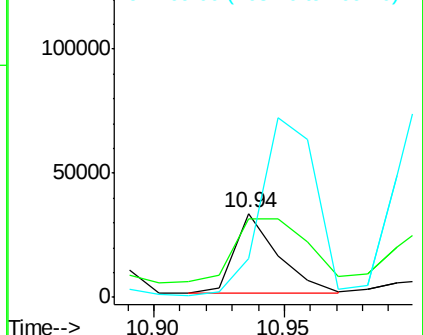
169 45.6 11.1 16.7#



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: 6.97 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.05 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

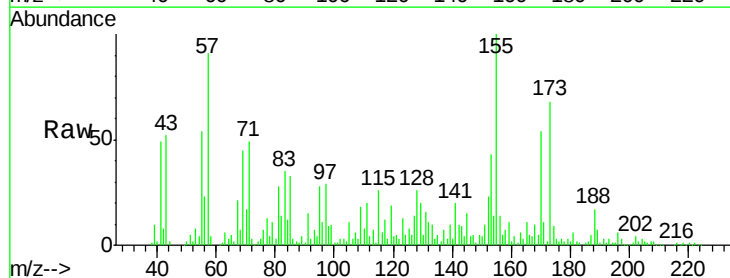
Tgt Ion:139 Resp: 9972

Ion Ratio Lower Upper

139 100

109 181.7 42.8 82.8#

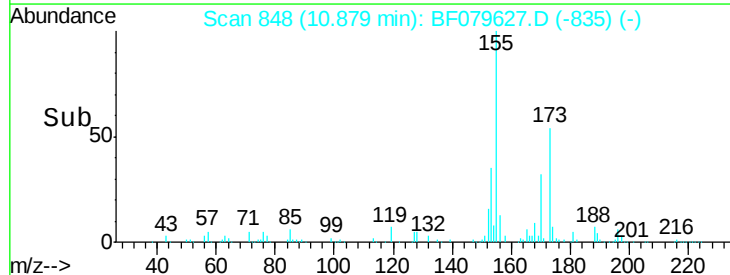
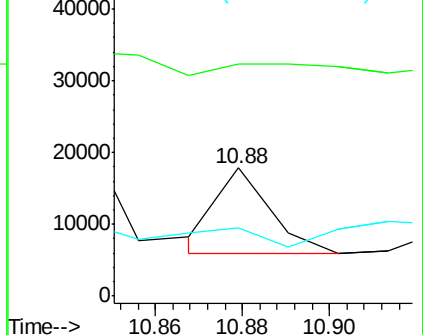
65 53.3 66.3 106.3#

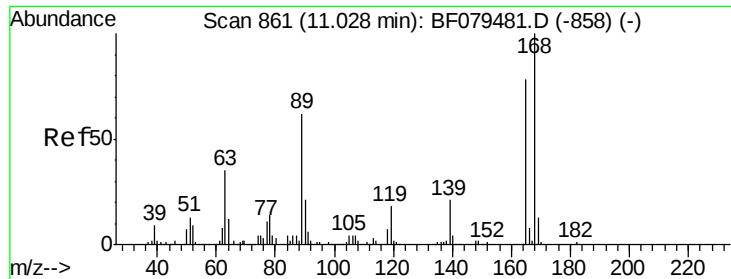


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

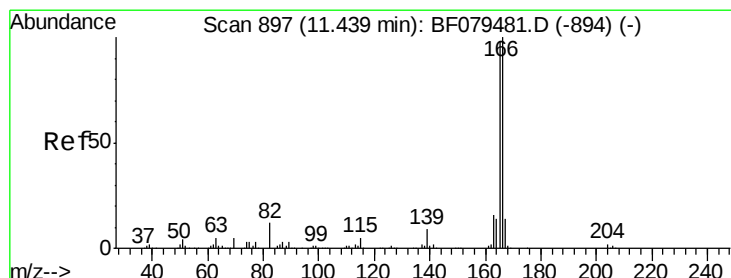
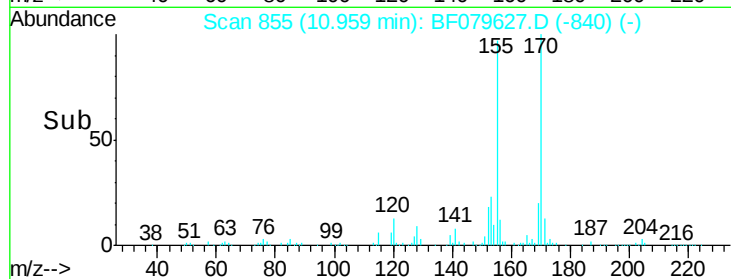
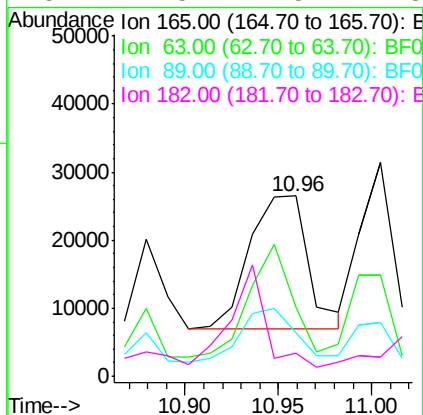
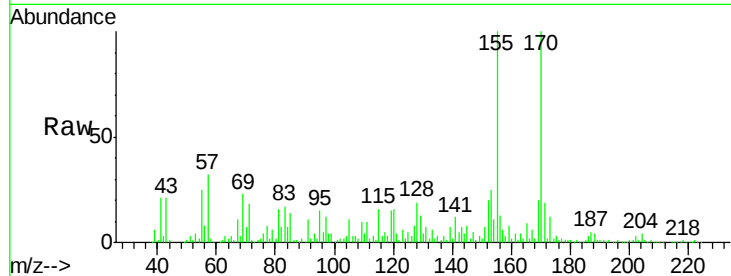




#56
2,4-Dinitrotoluene
Concen: 15.95 ng
RT: 10.96 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

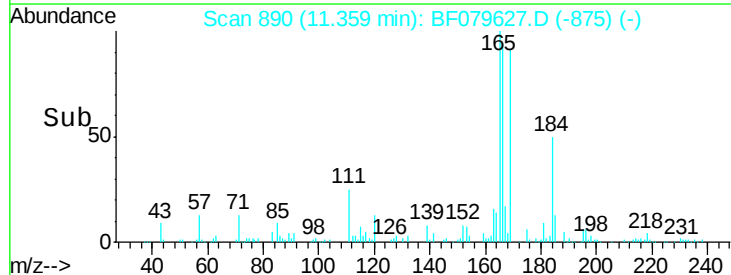
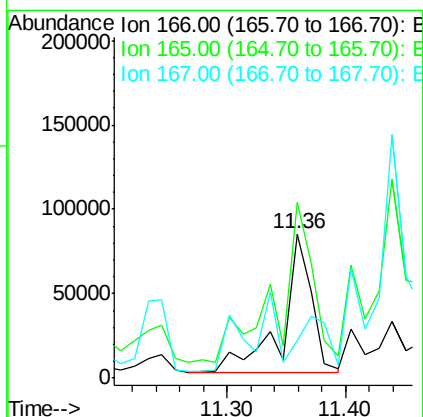
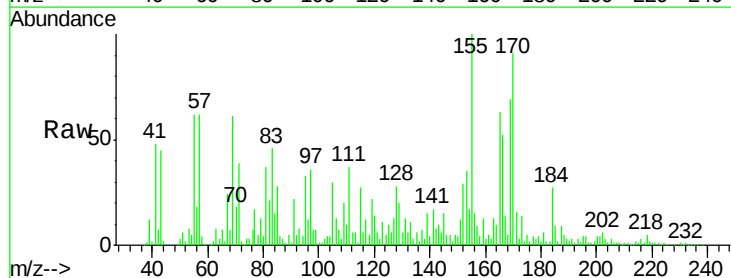
Instrument :
BNA_F
ClientSampleId :
C-13

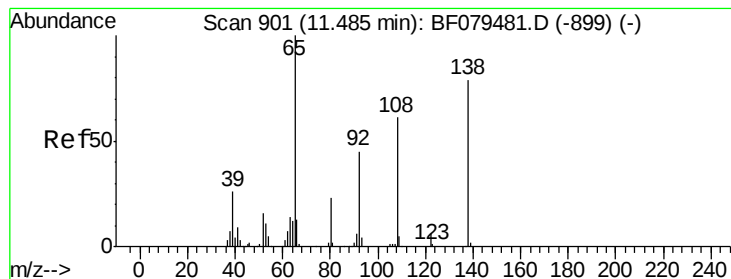
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.5	39.5	59.3#
89	24.2	64.2	96.4#
182	12.5	1.5	2.3#



#57
Fluorene
Concen: 14.29 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF079627.D
Acq: 31 May 2015 4:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	121.6	78.6	117.8#
167	26.3	10.8	16.2#





#61

4-Nitroaniline

Concen: 2.74 ng

RT: 11.24 min Scan# 880

Delta R.T. -0.19 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

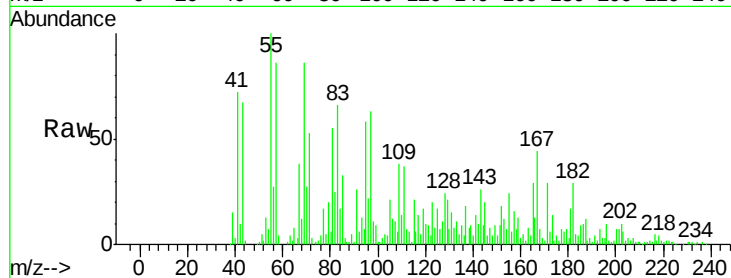
Tgt Ion:138 Resp: 6580

Ion Ratio Lower Upper

138 100

92 76.6 37.2 77.2

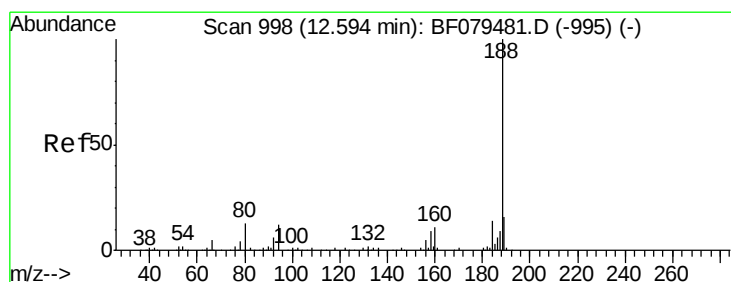
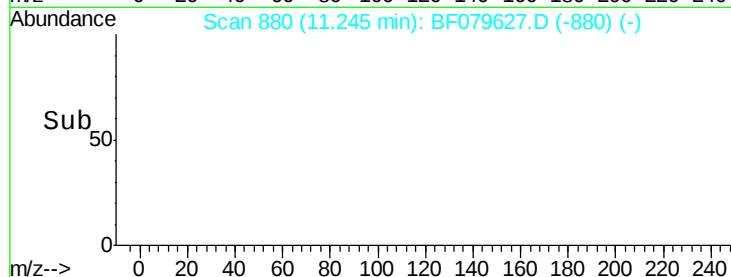
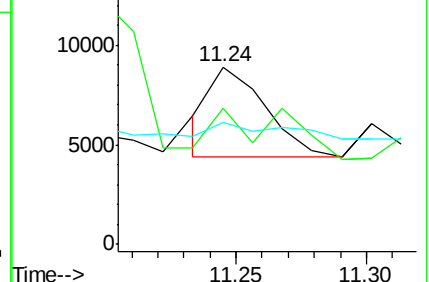
108 68.5 57.0 97.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.52 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

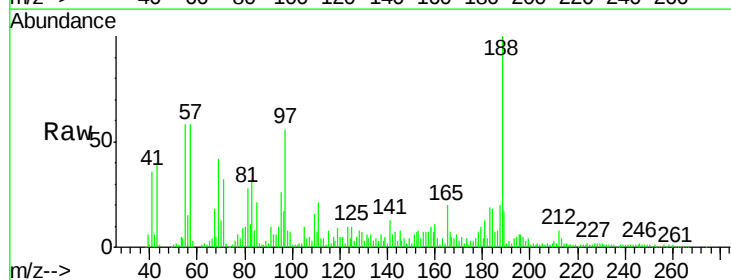
Tgt Ion:188 Resp: 257191

Ion Ratio Lower Upper

188 100

94 10.4 9.8 14.6

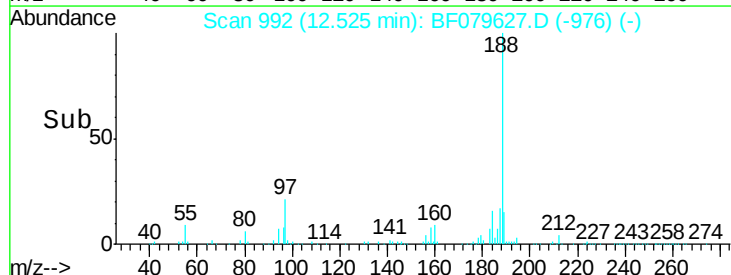
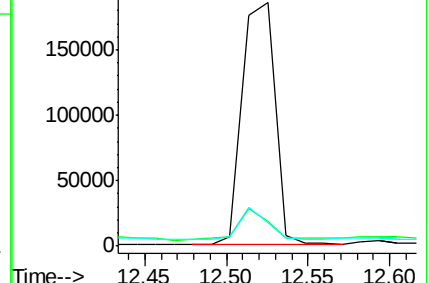
80 9.6 10.5 15.7#

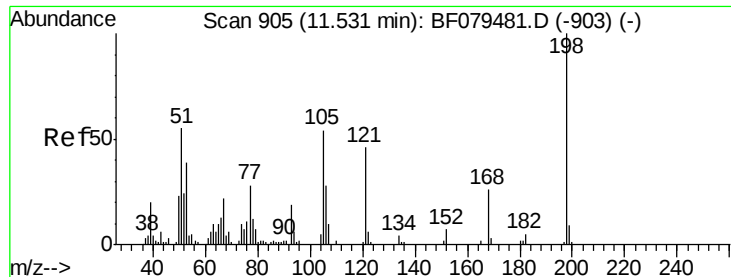


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 10.38 ng

RT: 11.50 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

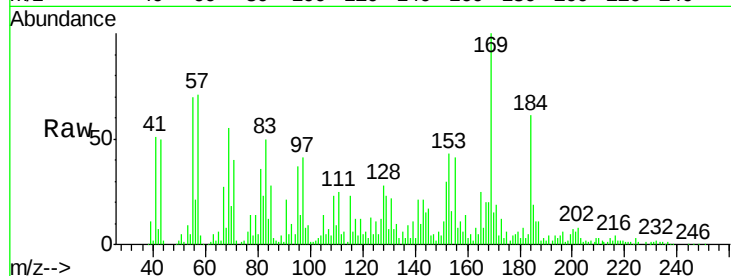
Tgt Ion:198 Resp: 5146

Ion Ratio Lower Upper

198 100

51 298.0 36.0 76.0#

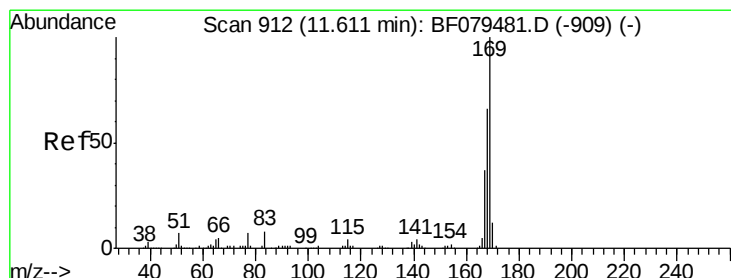
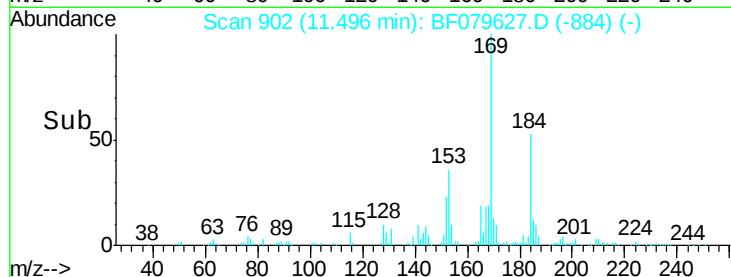
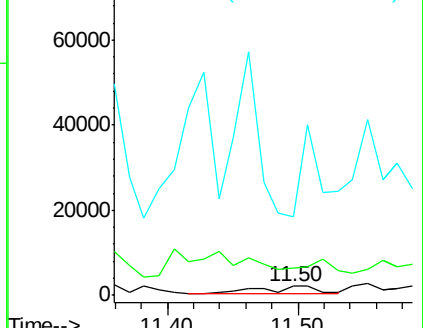
105 856.2 34.1 74.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.70 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

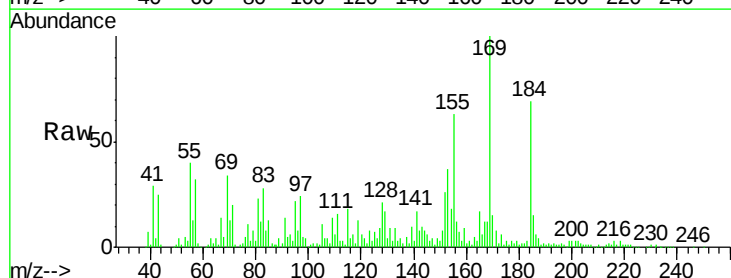
Tgt Ion:169 Resp: 364763

Ion Ratio Lower Upper

169 100

168 11.7 53.1 79.7#

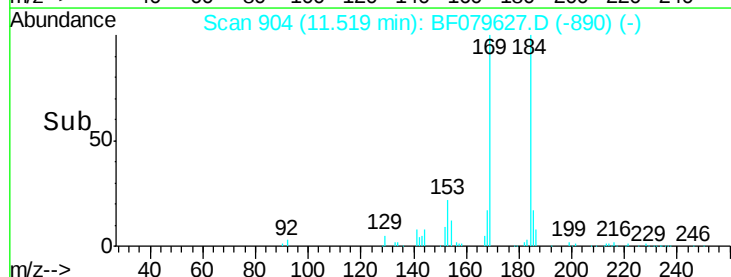
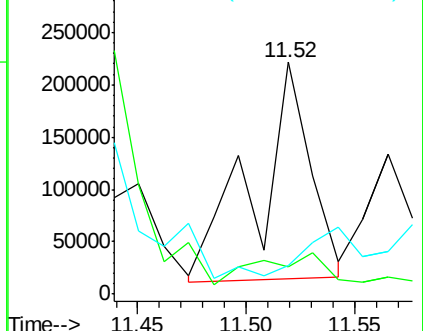
167 12.4 29.9 44.9#

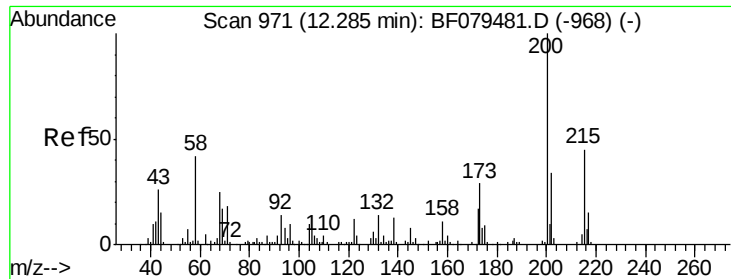


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

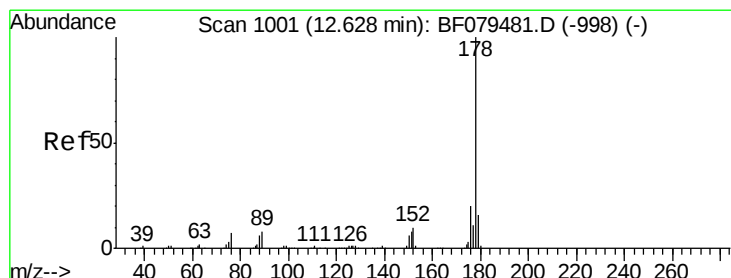
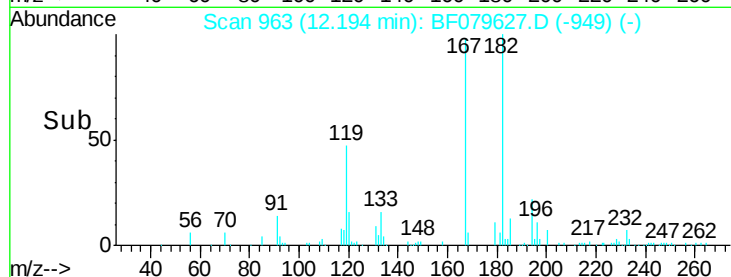
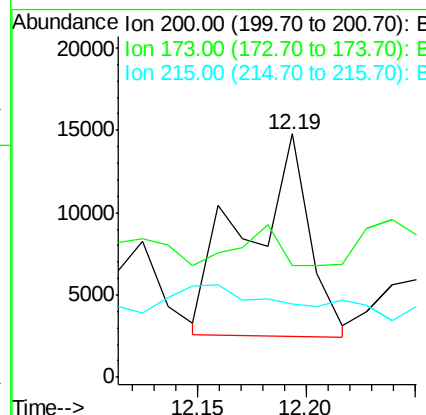
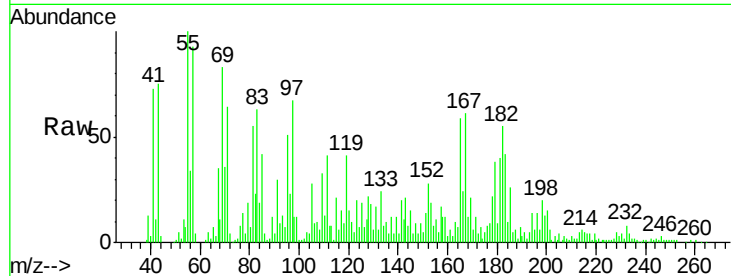




#68
 Atrazine
 Concen: 10.71 ng
 RT: 12.19 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

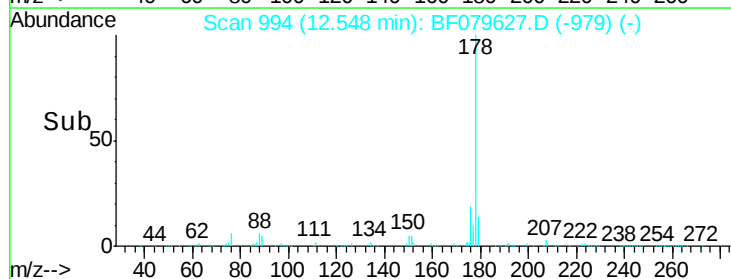
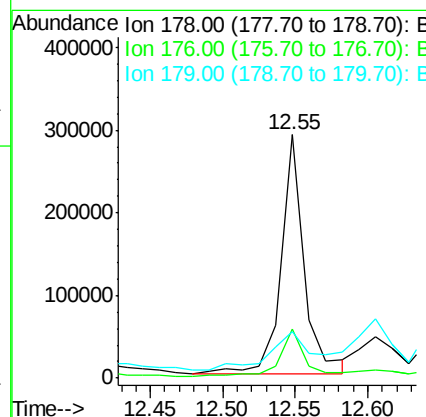
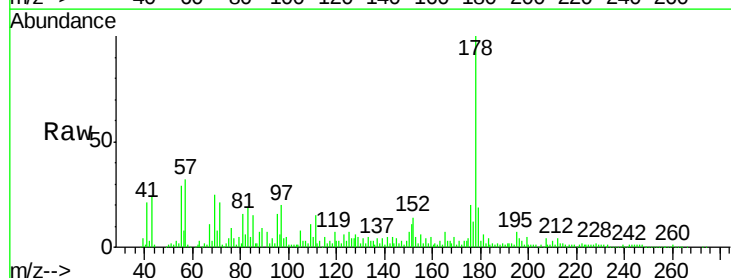
Instrument :
 BNA_F
 ClientSampleId :
 C-13

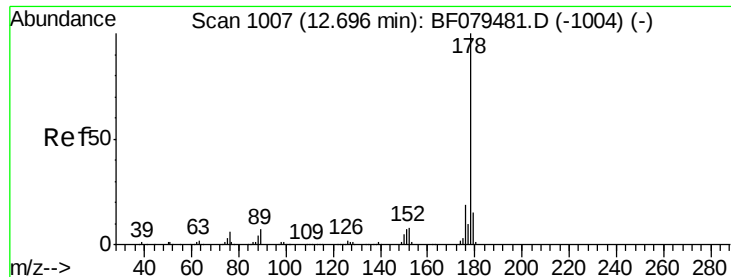
Tgt Ion:200 Resp: 24716
 Ion Ratio Lower Upper
 200 100
 173 46.0 9.4 49.4
 215 30.1 25.3 65.3



#70
 Phenanthrene
 Concen: 22.47 ng
 RT: 12.55 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

Tgt Ion:178 Resp: 317065
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 18.9 12.4 18.6#





#71

Anthracene

Concen: 3.24 ng

RT: 12.60 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

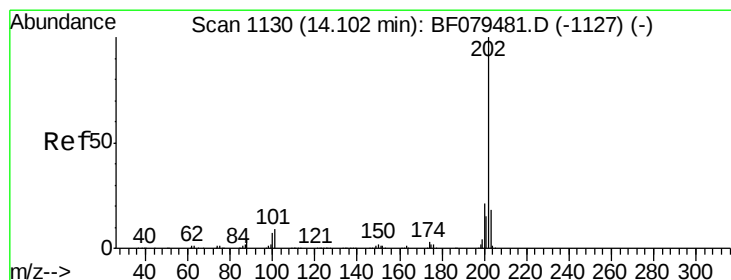
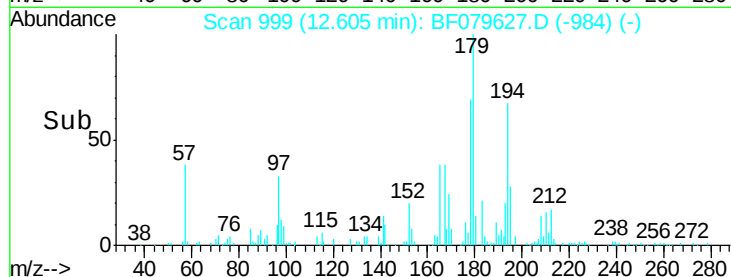
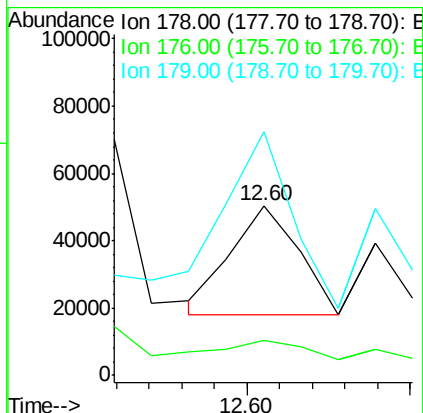
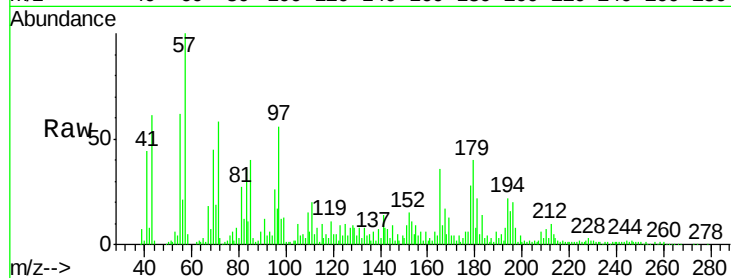
Tgt Ion:178 Resp: 46406

Ion Ratio Lower Upper

178 100

176 21.0 15.3 22.9

179 143.4 12.2 18.4#



#74

Fluoranthene

Concen: 2.37 ng

RT: 14.02 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

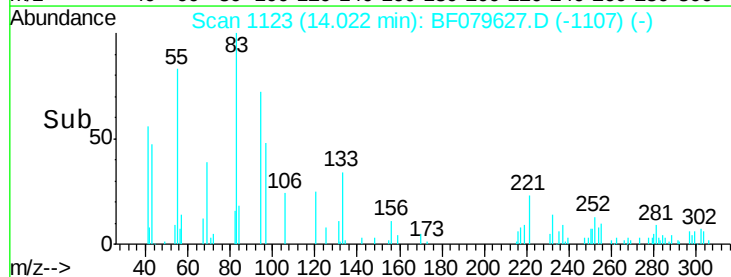
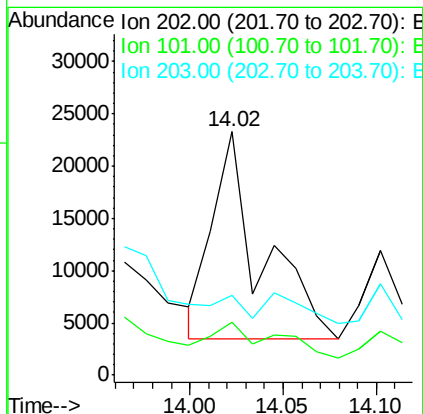
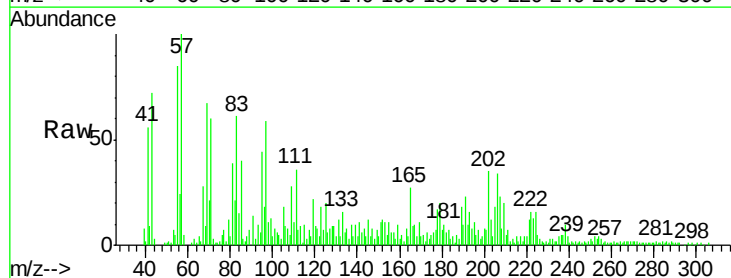
Tgt Ion:202 Resp: 35911

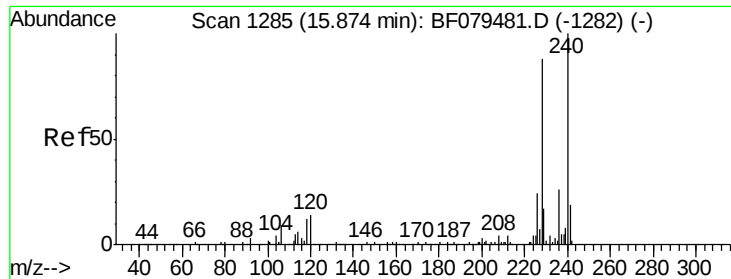
Ion Ratio Lower Upper

202 100

101 21.8 0.0 29.3

203 32.7 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

Instrument :

BNA_F

ClientSampleId :

C-13

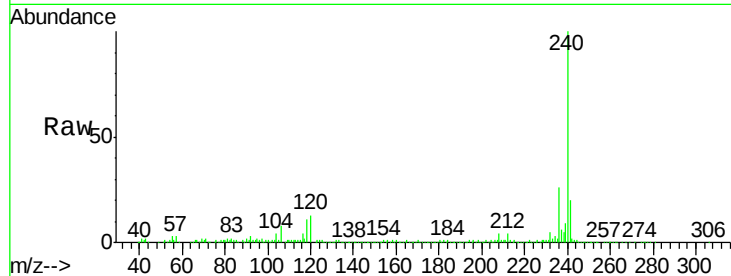
Tgt Ion:240 Resp: 313945

Ion Ratio Lower Upper

240 100

120 12.9 10.8 16.2

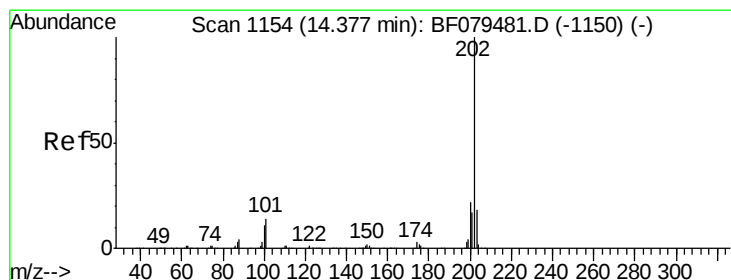
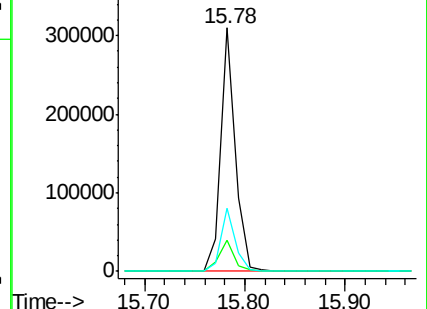
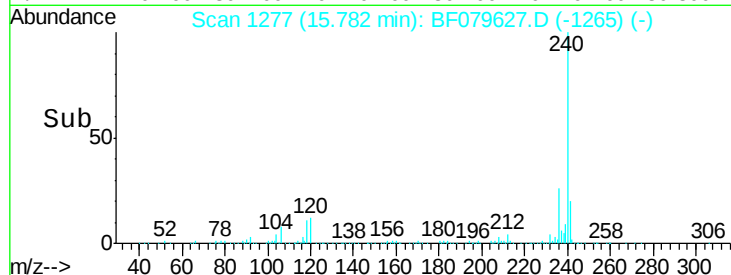
236 26.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.84 ng

RT: 14.30 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF079627.D

Acq: 31 May 2015 4:49

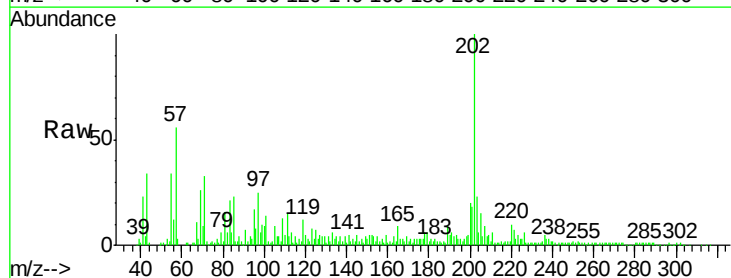
Tgt Ion:202 Resp: 171859

Ion Ratio Lower Upper

202 100

200 20.4 17.5 26.3

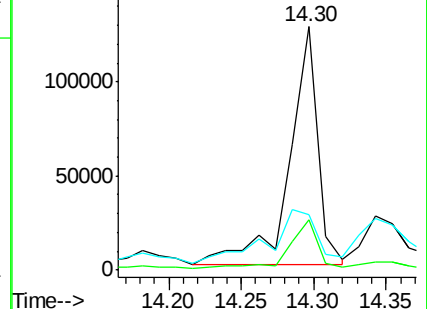
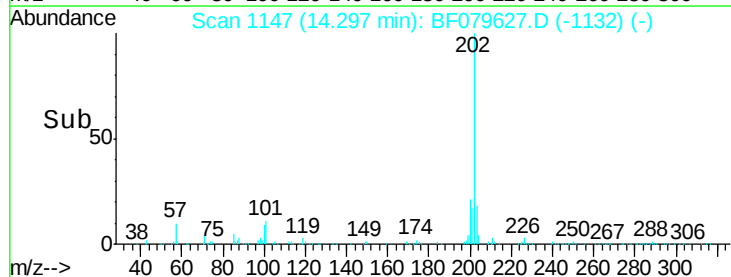
203 22.8 14.4 21.6#

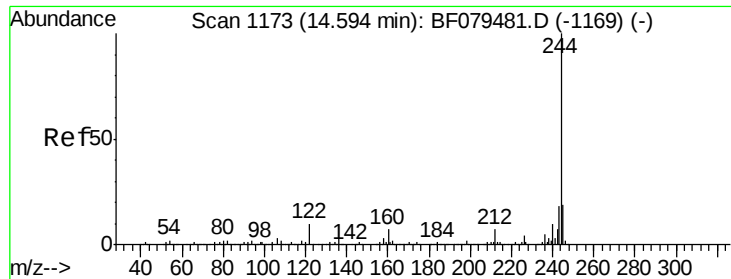


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

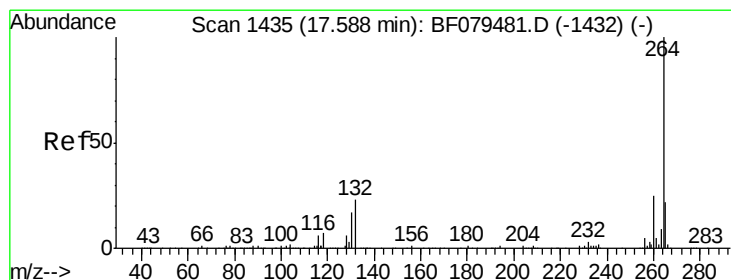
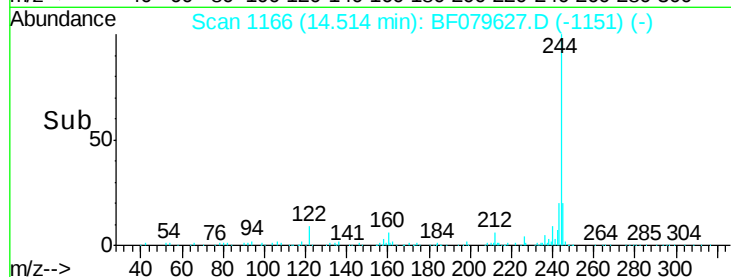
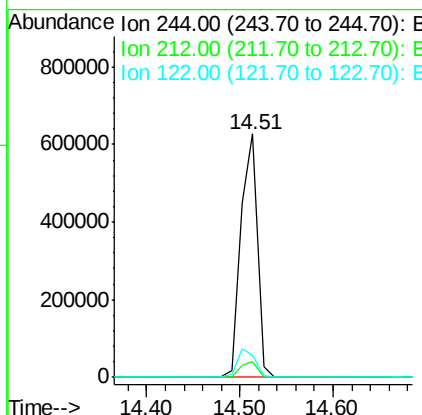
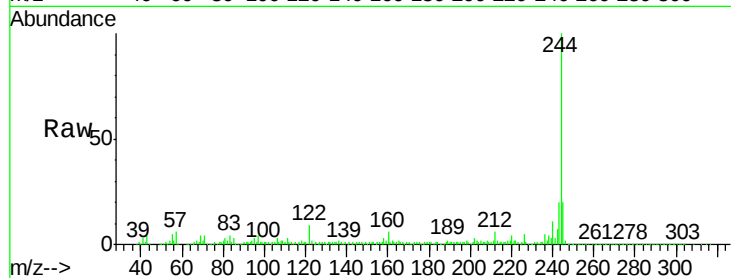




#78
 Terphenyl-d14
 Concen: 57.96 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 C-13

Tgt Ion:	244	Resp:	775347
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	9.1	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.46 min Scan# 1424
 Delta R.T. -0.21 min
 Lab File: BF079627.D
 Acq: 31 May 2015 4:49

Tgt Ion:	264	Resp:	305305
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.1	17.8	26.6

