

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079977.D
 Acq On : 13 Jun 2015 14:01
 Operator : TP/IZ
 Sample : G2603-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9813

Quant Time: Jun 15 01:00:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	39843	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	102248	20.00	ng	0.02
38) Acenaphthene-d10	10.44	164	90174	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	187144	20.00	ng	-0.03
75) Chrysene-d12	14.97	240	221	20.00	ng	-0.17
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.99	112	37272	17.15	ng	0.00
7) Phenol-d6	6.97	99	78690	26.58	ng	0.00
23) Nitrobenzene-d5	7.95	82	380958	245.83	ng	0.02
41) 2,4,6-Tribromophenol	11.23	330	10610	14.39	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	65690	10.20	ng	0.00
78) Terphenyl-d14	13.60	244	92076	9605.56	ng	-0.17

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.90	77	20806	12.23	ng	# 1
15) Benzyl Alcohol	7.53	79	39523	16.65	ng	# 40
18) Hexachloroethane	7.88	117	15544	15.69	ng	# 1
19) n-Nitroso-di-n-propylamine	7.83	70	342509	161.93	ng	# 61
22) Acetophenone	7.78	105	73338	30.37	ng	# 1
24) Nitrobenzene	7.93	77	110397	66.97	ng	# 1
25) Isophorone	8.23	82	505457	140.16	ng	# 1
26) 2-Nitrophenol	8.32	139	63535	106.01	ng	# 1
27) 2,4-Dimethylphenol	8.31	122	8479	5.25	ng	# 1
28) bis(2-Chloroethoxy)methane	8.35	93	122854	57.37	ng	# 1
30) 1,2,4-Trichlorobenzene	8.71	180	4834	2.81	ng	# 97
31) Naphthalene	8.72	128	90346	16.16	ng	# 64
32) Benzoic acid	8.36	122	52272	76.62	ng	# 25
33) 4-Chloroaniline	8.79	127	58935	27.17	ng	# 58
35) Caprolactam	9.08	113	81556	190.49	ng	# 1
36) 4-Chloro-3-methylphenol	9.23	107	7229	4.67	ng	# 19
37) 2-Methylnaphthalene	9.39	142	42334	11.21	ng	# 97
45) 1,1'-Biphenyl	9.85	154	24321	3.33	ng	# 93
47) 2-Nitroaniline	9.95	65	1857	5.55	ng	# 47
50) 2,6-Dinitrotoluene	10.17	165	547	3.43	ng	# 40
52) 3-Nitroaniline	10.40	138	1828	3.95	ng	# 23
55) 4-Nitrophenol	10.54	139	1092	3.48	ng	# 1
56) 2,4-Dinitrotoluene	10.60	165	504	5.07	ng	# 44
61) 4-Nitroaniline	10.96	138	448	3.36	ng	# 58
73) Di-n-butylphthalate	12.49	149	36972	3.24	ng	# 98
76) Benzidine	13.33	184	1262	206.21	ng	# 67
77) Pyrene	13.46	202	2148	154.75	ng	# 91
79) Butylbenzylphthalate	14.19	149	397	84.70	ng	# 14
80) Benzo(a)anthracene	14.82	228	2137	152.28	ng	# 95
81) 3,3'-Dichlorobenzidine	14.77	252	298	66.42	ng	# 1
82) Chrysene	14.87	228	1504	123.33	ng	# 87
83) Bis(2-ethylhexyl)phthalate	14.79	149	10559	1407.50	ng	# 99
84) Di-n-octyl phthalate	15.79	149	670	54.76	ng	# 1
85) Indeno(1,2,3-cd)pyrene	18.65	276	237	16.13	ng	# 50

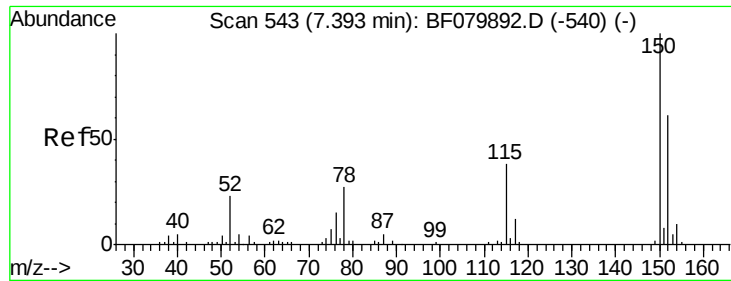
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079977.D
Acq On : 13 Jun 2015 14:01
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

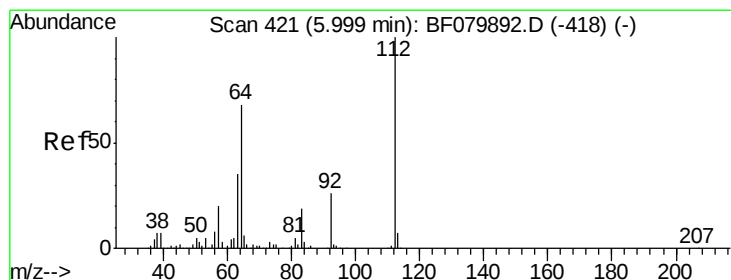
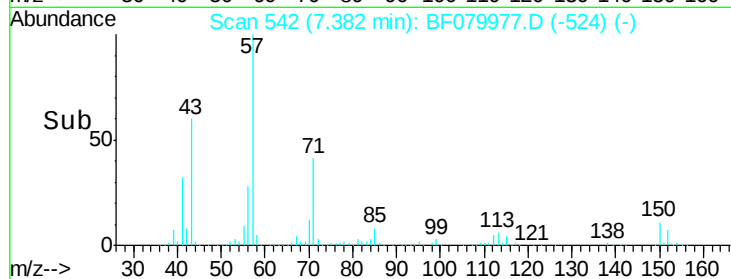
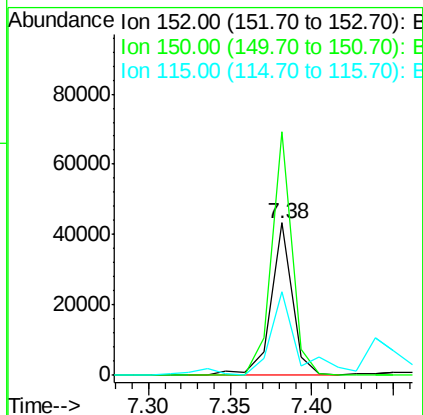
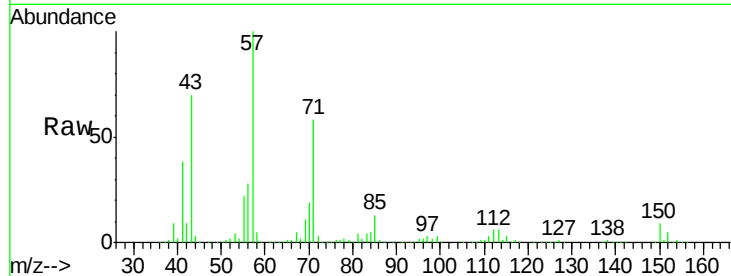


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Instrument :
BNA_F
ClientSampleId :
LAR9813

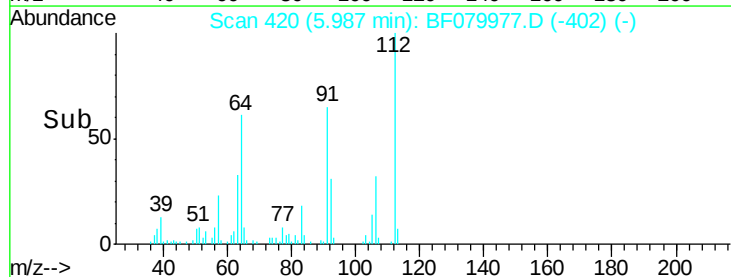
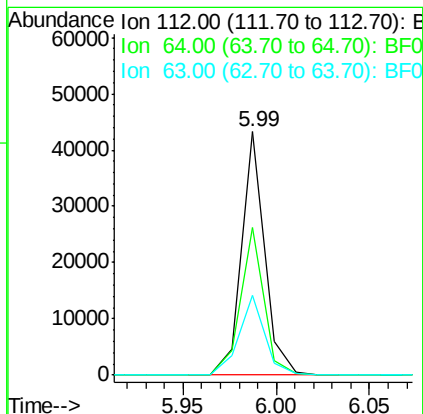
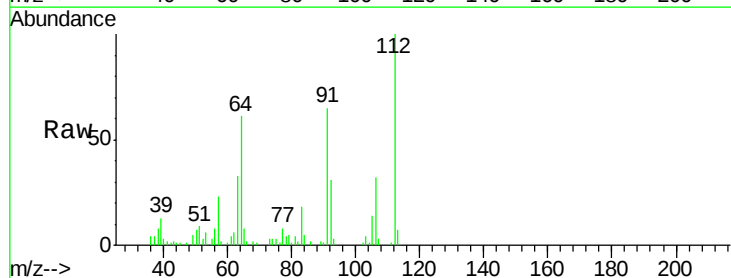
Tgt Ion:152 Resp: 39843
Ion Ratio Lower Upper
152 100
150 160.0 131.0 196.4
115 54.7 49.8 74.6

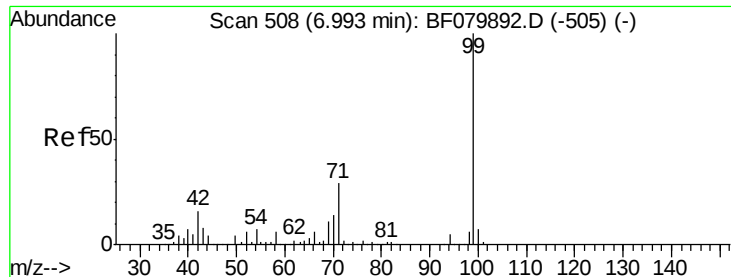


#5

2-Fluorophenol
Concen: 17.15 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion:112 Resp: 37272
Ion Ratio Lower Upper
112 100
64 60.8 54.5 81.7
63 33.0 27.9 41.9





#7

Phenol-d6

Concen: 26.58 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

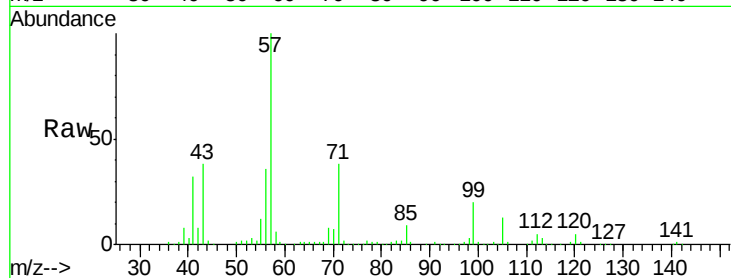
Tgt Ion: 99 Resp: 78690

Ion Ratio Lower Upper

99 100

42 39.1 12.9 19.3#

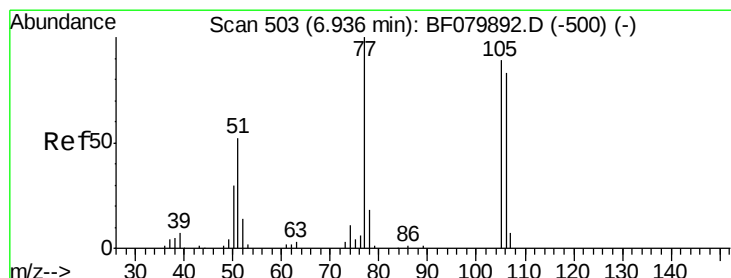
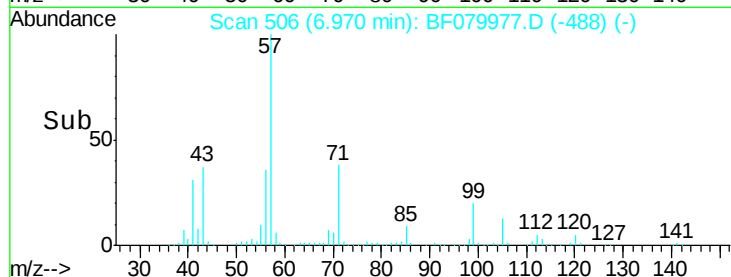
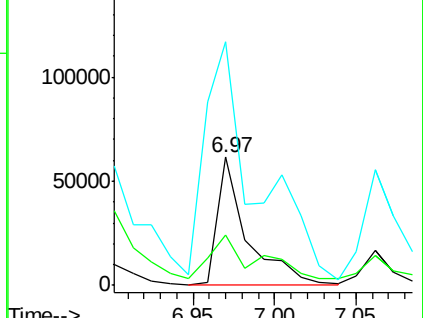
71 190.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 12.23 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

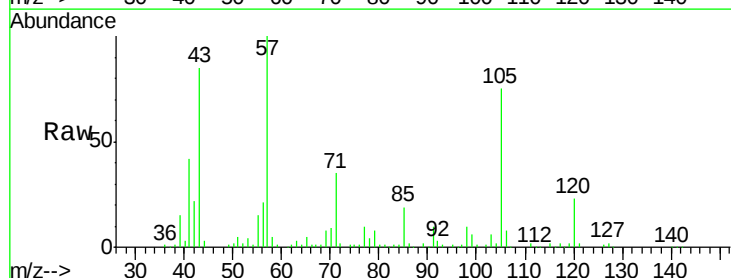
Tgt Ion: 77 Resp: 20806

Ion Ratio Lower Upper

77 100

105 745.2 68.6 108.6#

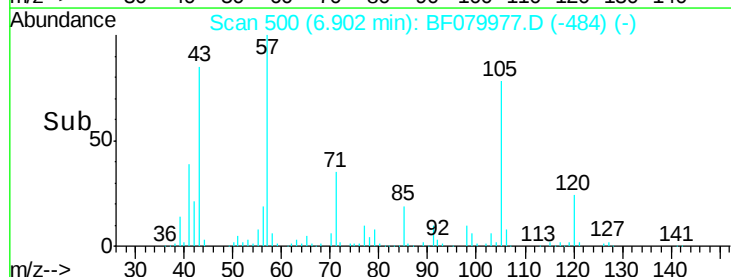
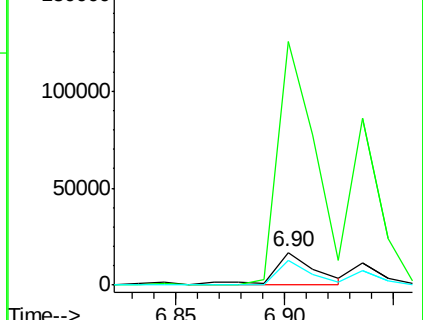
106 74.3 63.3 103.3

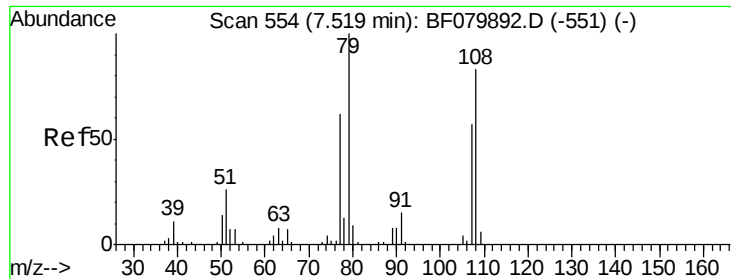


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 16.65 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.03 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

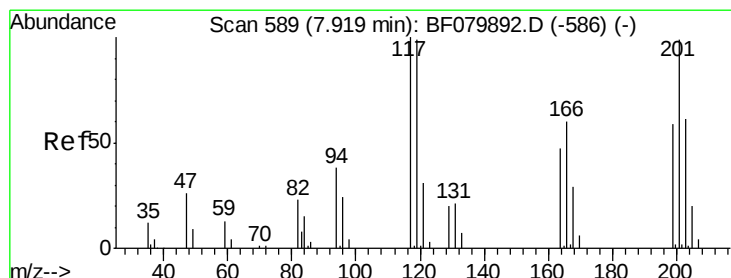
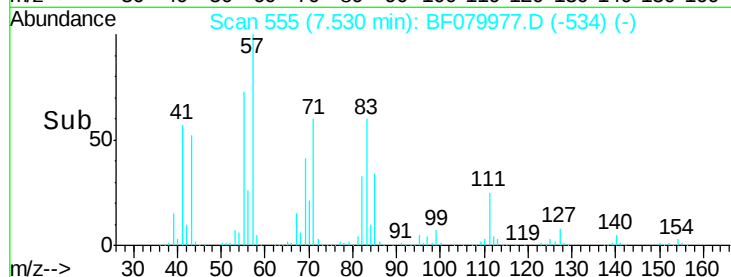
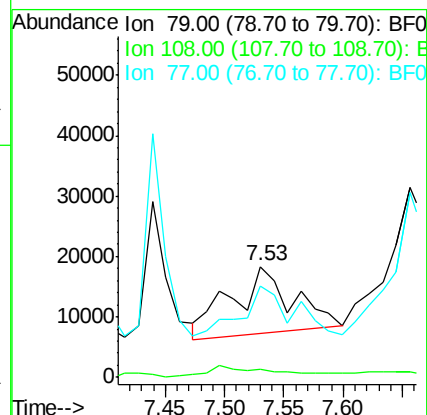
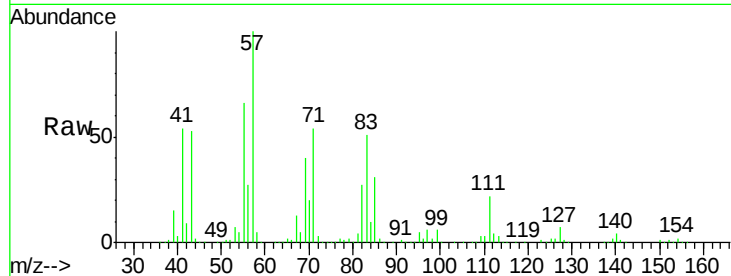
Tgt Ion: 79 Resp: 39523

Ion Ratio Lower Upper

79 100

108 7.3 66.4 99.6#

77 82.1 49.4 74.0#



#18

Hexachloroethane

Concen: 15.69 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

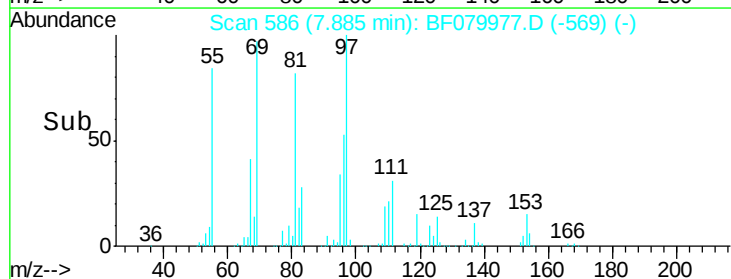
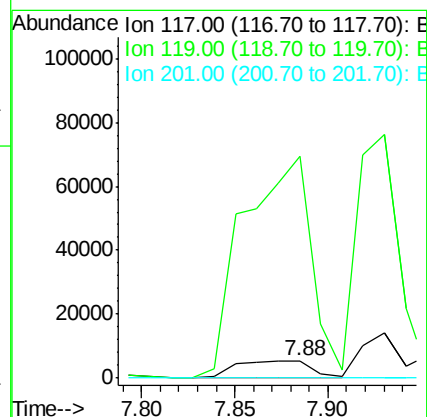
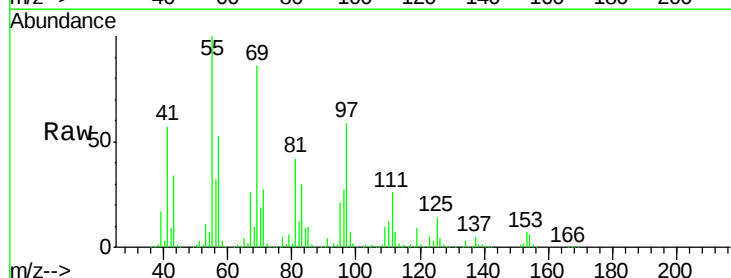
Tgt Ion: 117 Resp: 15544

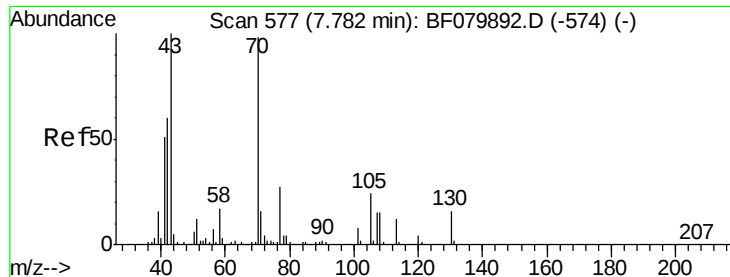
Ion Ratio Lower Upper

117 100

119 1275.1 79.0 118.6#

201 0.0 79.0 118.6#

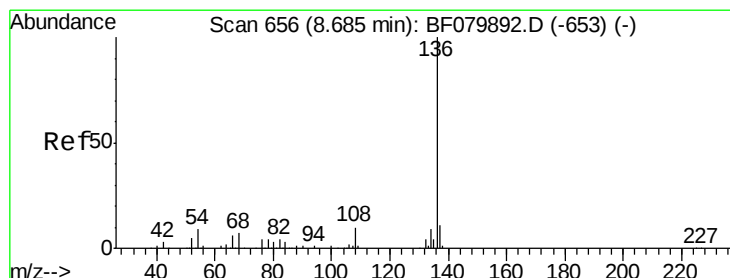
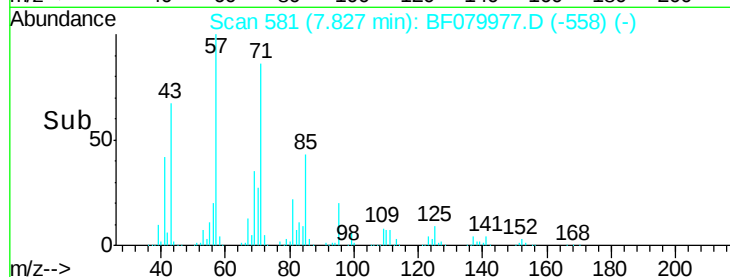
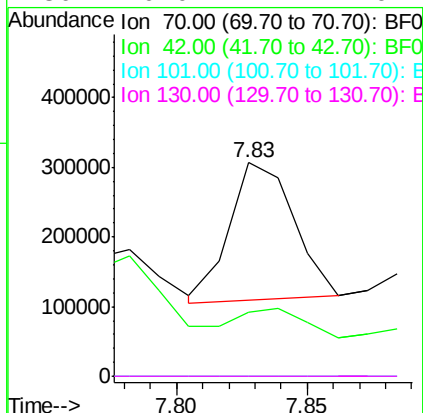
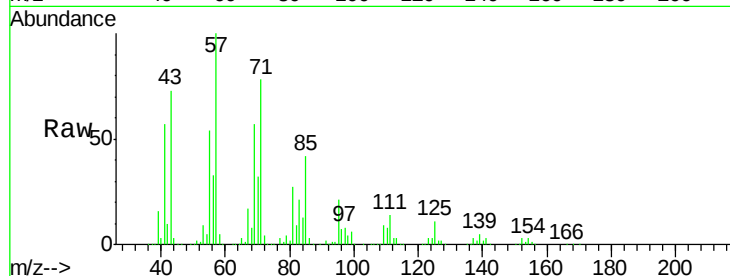




#19
n-Nitroso-di-n-propylamine
Concen: 161.93 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.06 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

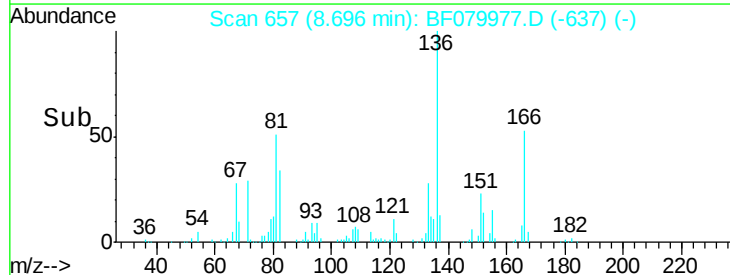
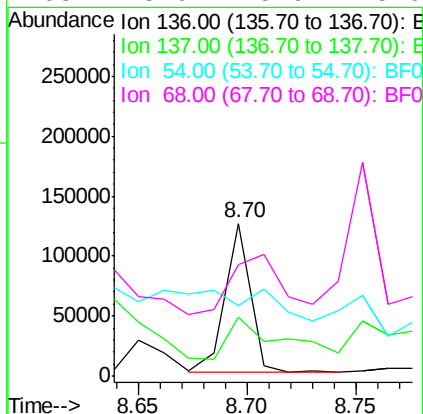
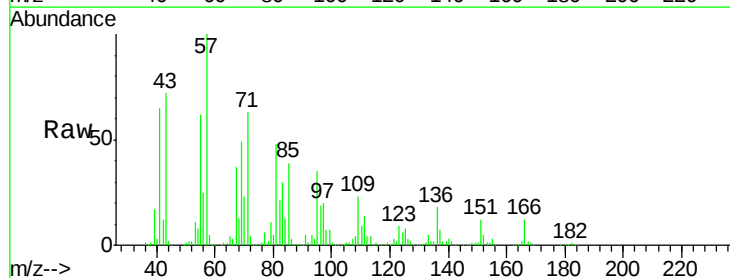
Instrument :
BNA_F
ClientSampled :
LAR9813

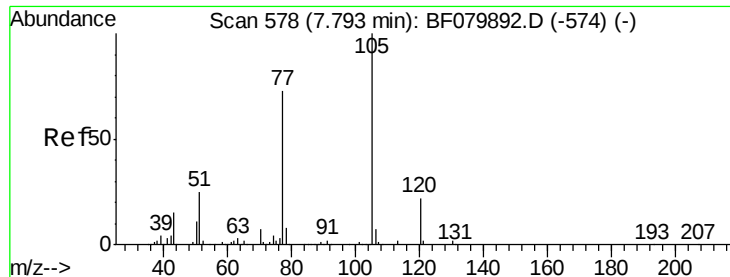
Tgt Ion:	70	Resp:	342509
Ion	Ratio	Lower	Upper
70	100		
42	29.9	49.0	73.4#
101	0.0	6.6	9.8#
130	0.0	12.7	19.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.02 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion:	136	Resp:	102248
Ion	Ratio	Lower	Upper
136	100		
137	39.0	8.7	13.1#
54	46.1	7.3	10.9#
68	73.0	5.9	8.9#





#22

Acetophenone

Concen: 30.37 ng

RT: 7.78 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

Tgt Ion:105 Resp: 73338

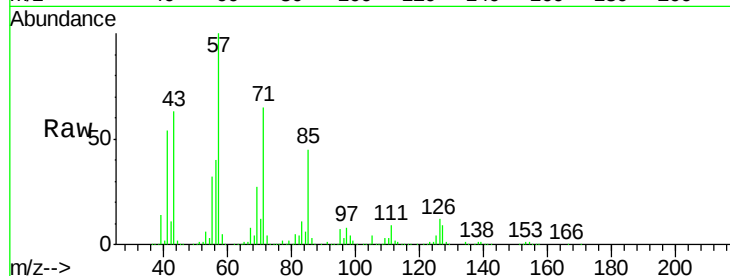
Ion Ratio Lower Upper

105 100

71 1730.2 1.0 1.4#

51 31.6 19.8 29.6#

120 0.0 17.6 26.4#

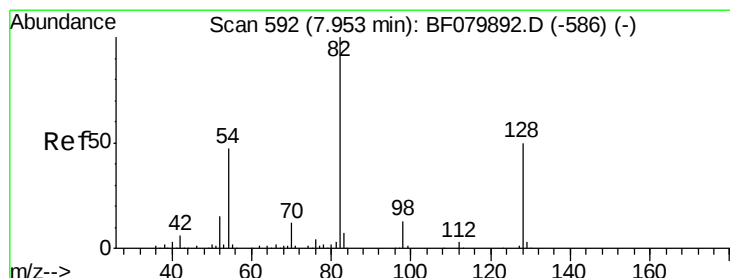
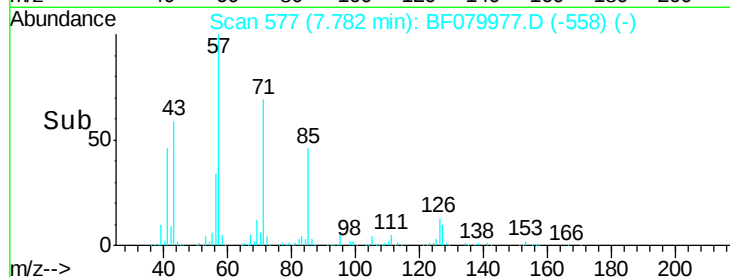
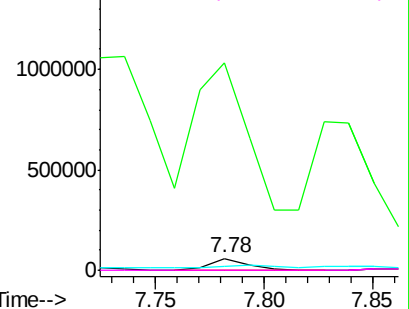


Abundance Ion 105.00 (104.70 to 105.70): E

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: 245.83 ng

RT: 7.95 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

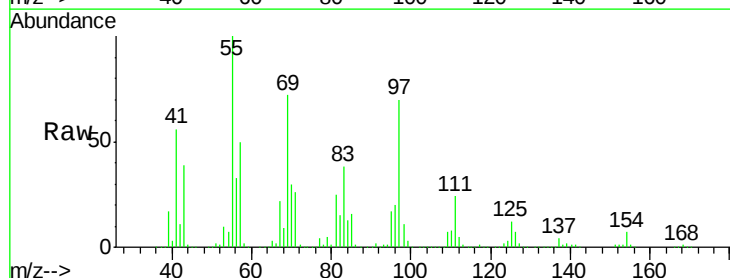
Tgt Ion: 82 Resp: 380958

Ion Ratio Lower Upper

82 100

128 1.7 40.3 60.5#

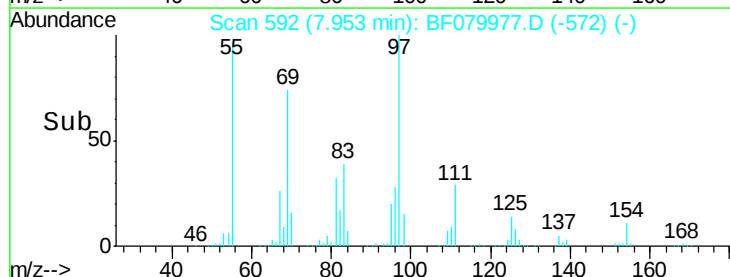
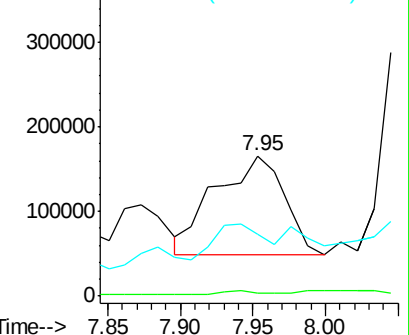
54 44.5 38.0 57.0

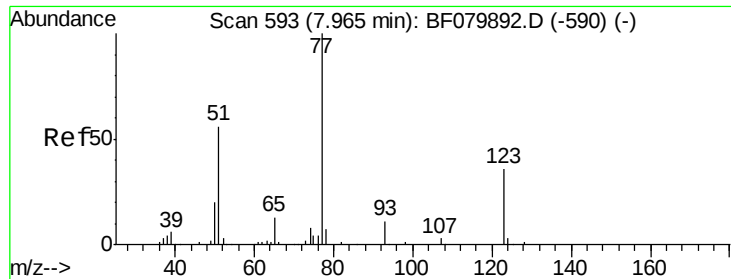


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

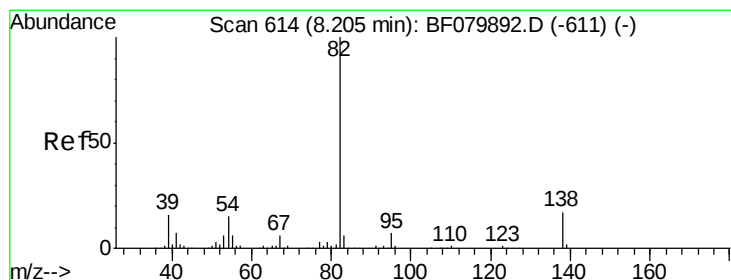
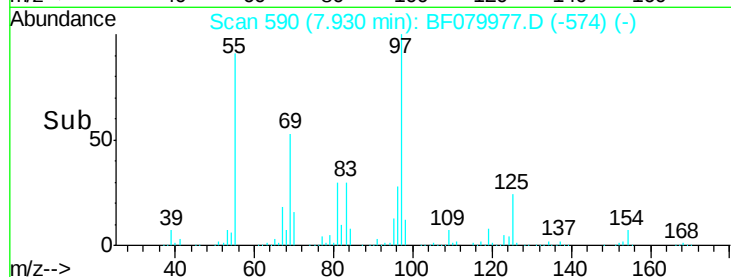
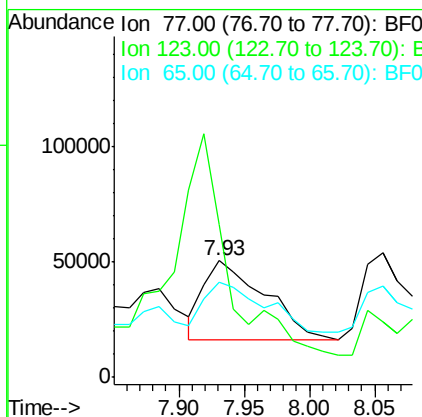
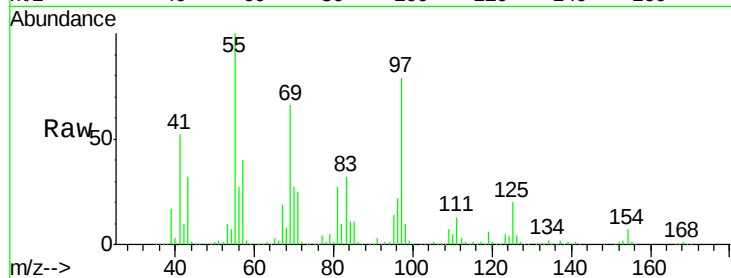




#24
Nitrobenzene
Concen: 66.97 ng
RT: 7.93 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

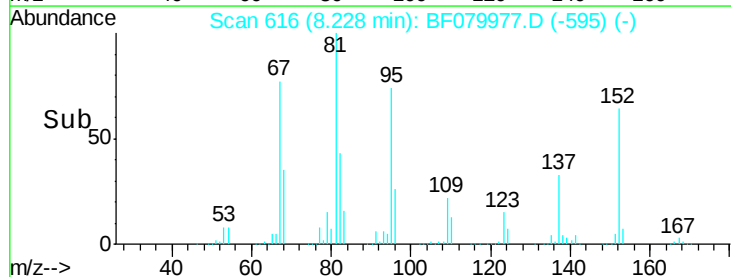
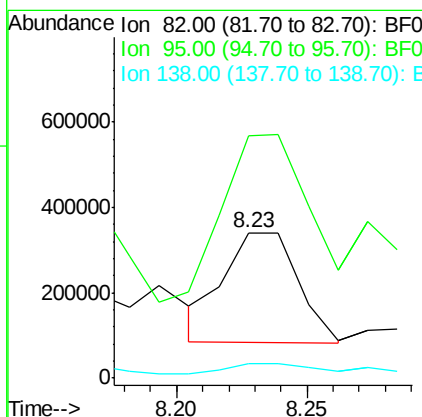
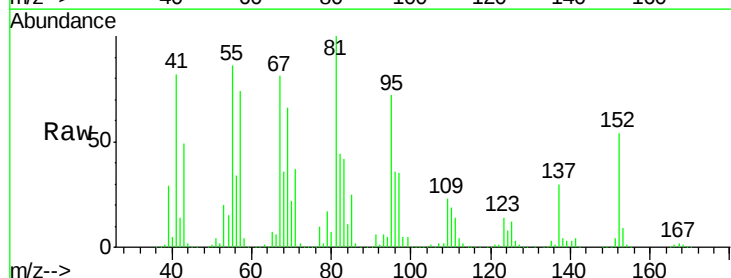
Instrument :
BNA_F
ClientSampleId :
LAR9813

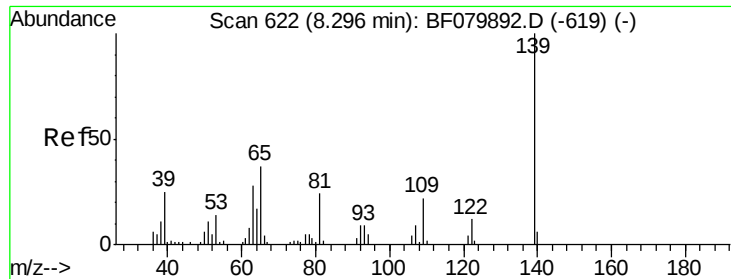
Tgt Ion: 77 Resp: 110397
Ion Ratio Lower Upper
77 100
123 131.0 28.8 43.2#
65 81.6 10.3 15.5#



#25
Isophorone
Concen: 140.16 ng
RT: 8.23 min Scan# 616
Delta R.T. 0.03 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion: 82 Resp: 505457
Ion Ratio Lower Upper
82 100
95 166.5 5.2 7.8#
138 9.8 13.3 19.9#





#26

2-Nitrophenol

Concen: 106.01 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.05 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

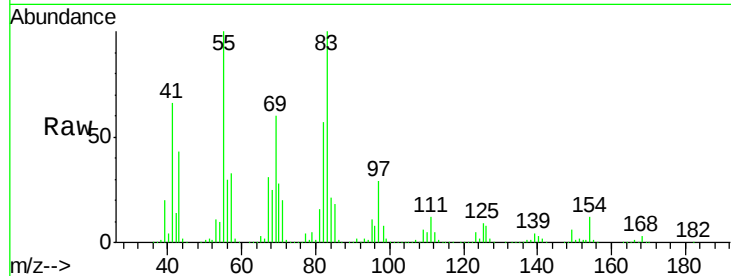
Tgt Ion:139 Resp: 63535

Ion Ratio Lower Upper

139 100

109 143.4 17.8 26.6#

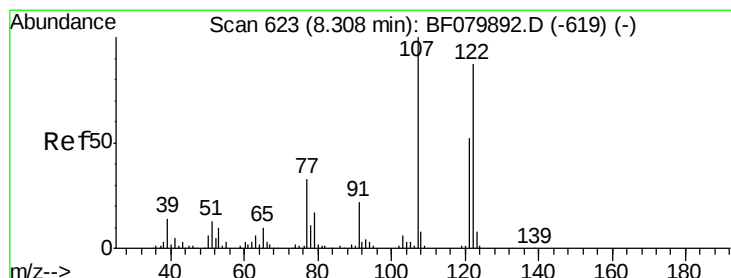
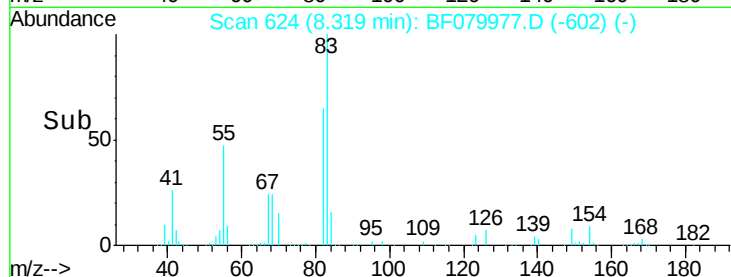
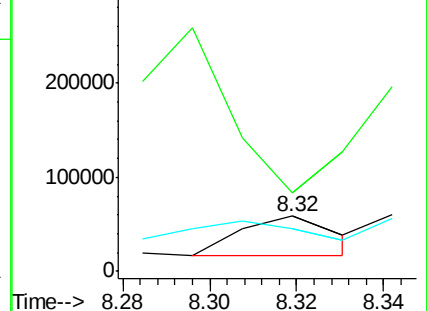
65 78.8 29.4 44.0#



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): E



#27

2,4-Dimethylphenol

Concen: 5.25 ng

RT: 8.31 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

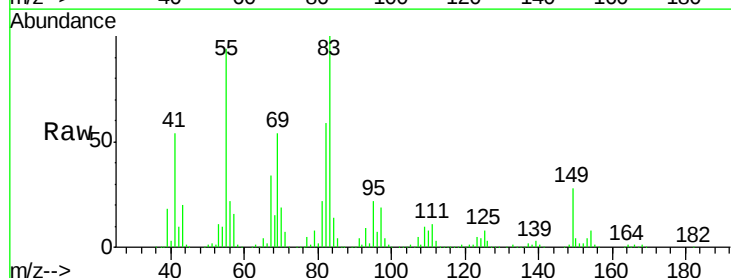
Tgt Ion:122 Resp: 8479

Ion Ratio Lower Upper

122 100

107 987.0 91.7 137.5#

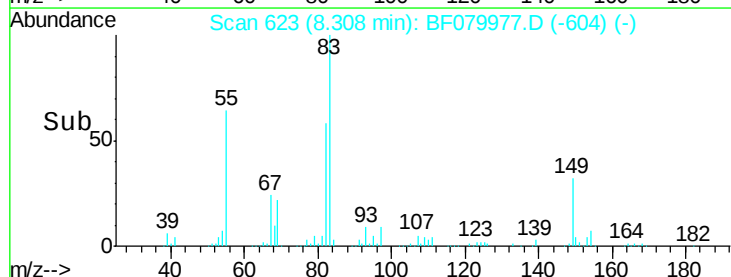
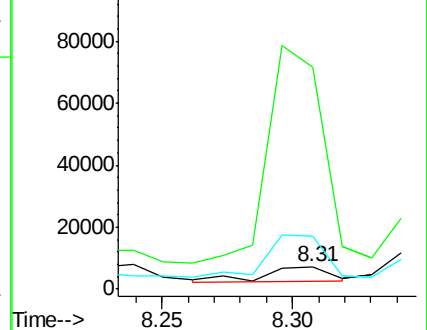
121 237.7 47.8 71.6#

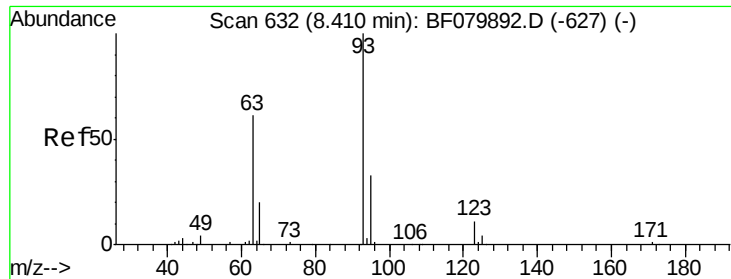


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

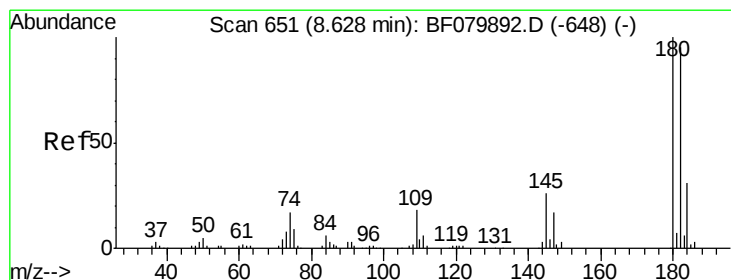
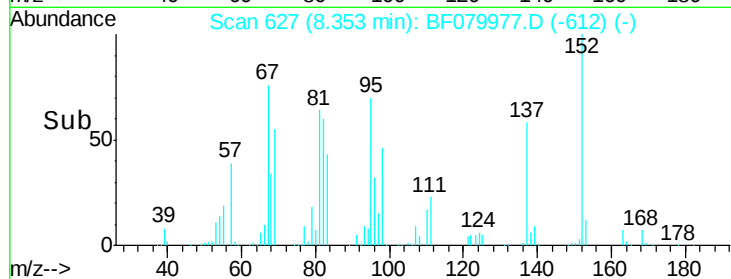
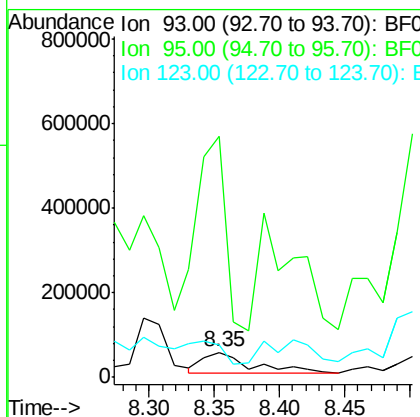
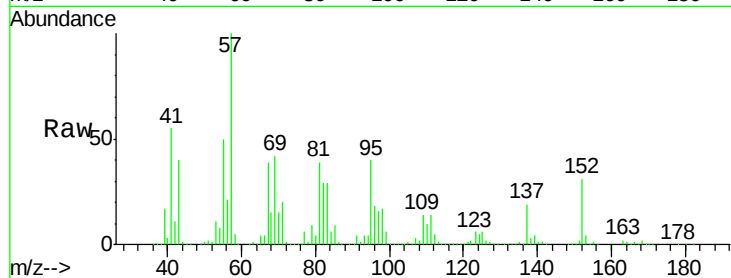




#28
bis(2-Chloroethoxy)methane
Concen: 57.37 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

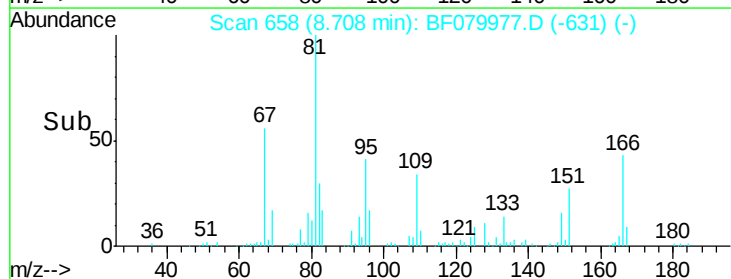
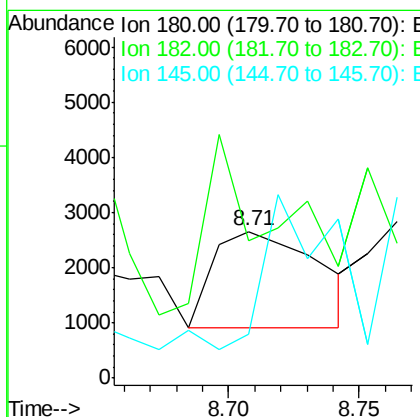
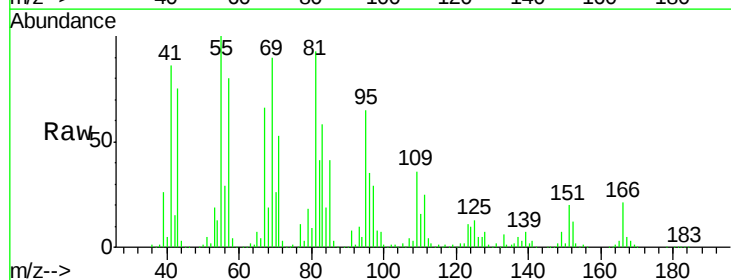
Instrument :
BNA_F
ClientSampled :
LAR9813

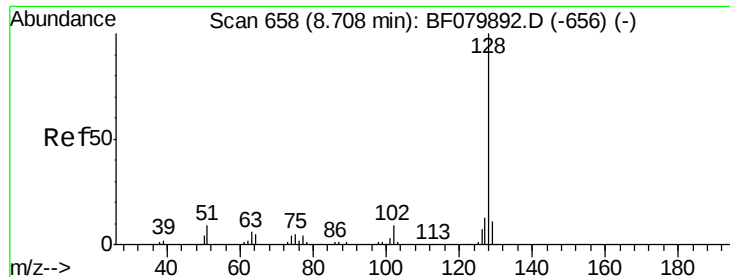
Tgt Ion: 93 Resp: 122854
Ion Ratio Lower Upper
93 100
95 970.4 26.1 39.1#
123 132.4 8.9 13.3#



#30
1,2,4-Trichlorobenzene
Concen: 2.81 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.10 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion: 180 Resp: 4834
Ion Ratio Lower Upper
180 100
182 93.4 75.7 113.5
145 30.2 21.1 31.7

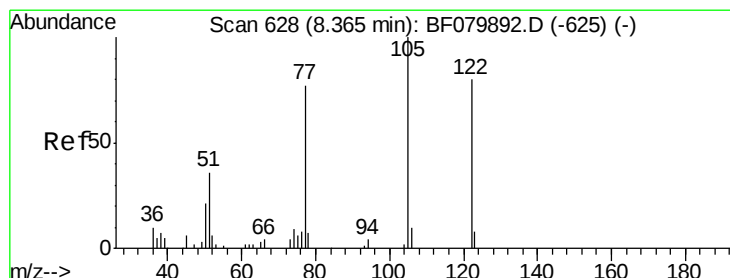
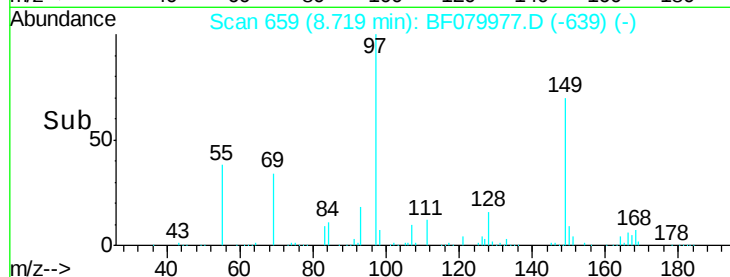
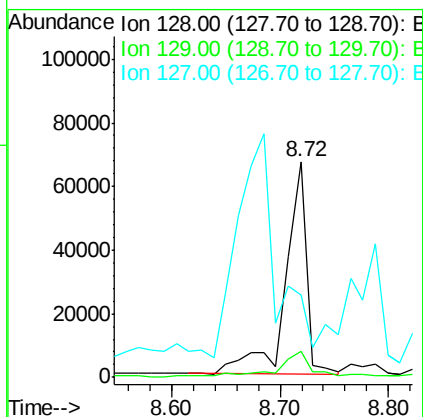
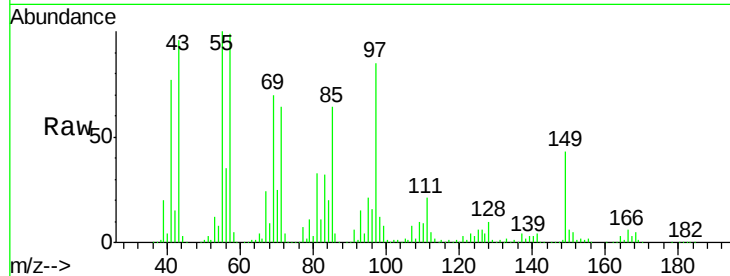




#31
Naphthalene
Concen: 16.16 ng
RT: 8.72 min Scan# 659
Delta R.T. 0.02 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

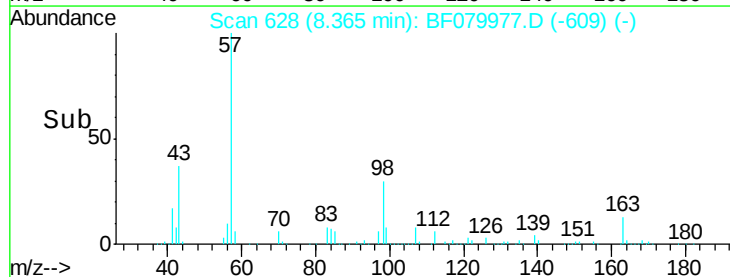
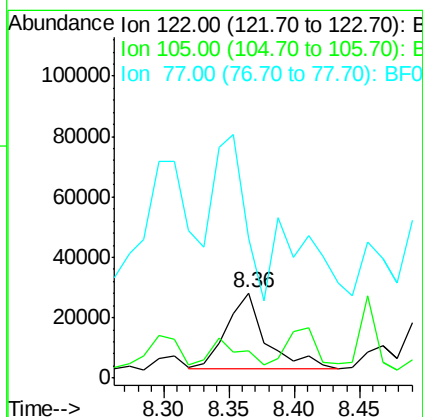
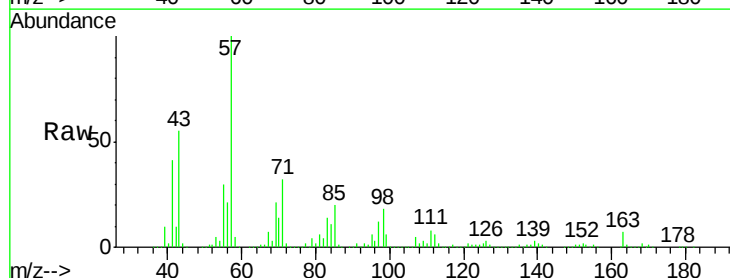
Instrument :
BNA_F
ClientSampleId :
LAR9813

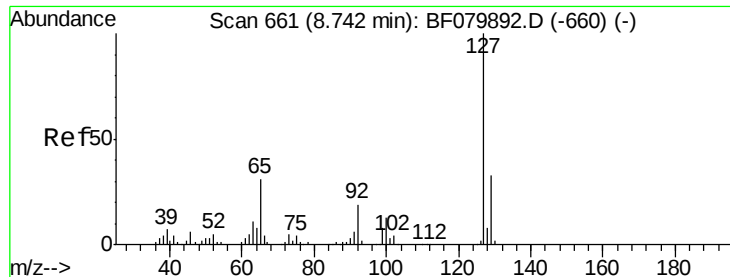
Tgt Ion:128 Resp: 90346
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 38.2 10.5 15.7#



#32
Benzoic acid
Concen: 76.62 ng
RT: 8.36 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion:122 Resp: 52272
Ion Ratio Lower Upper
122 100
105 31.9 102.7 142.7#
77 164.5 77.1 117.1#

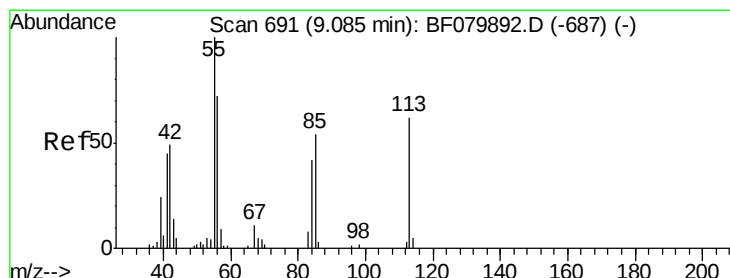
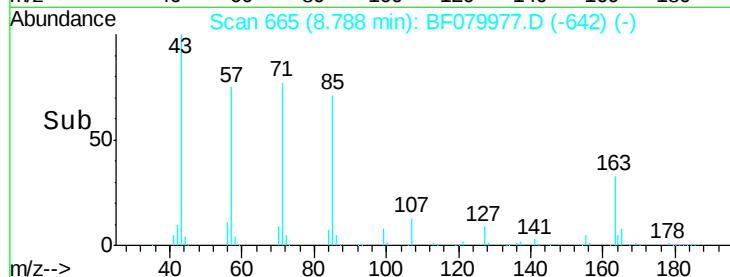
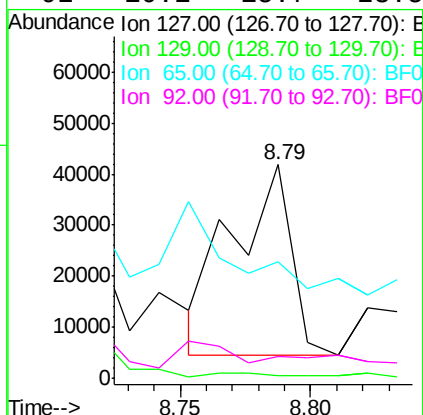
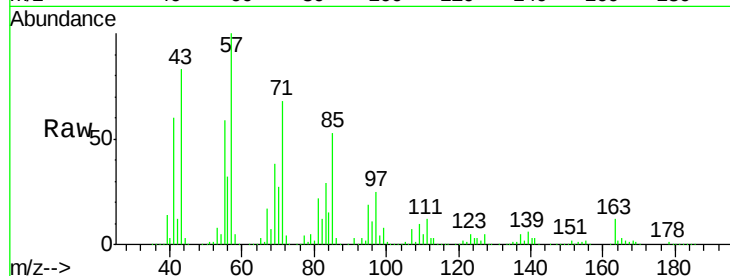




#33
4-Chloroaniline
Concen: 27.17 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.06 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

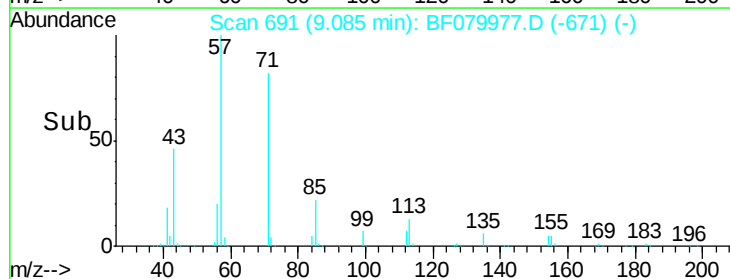
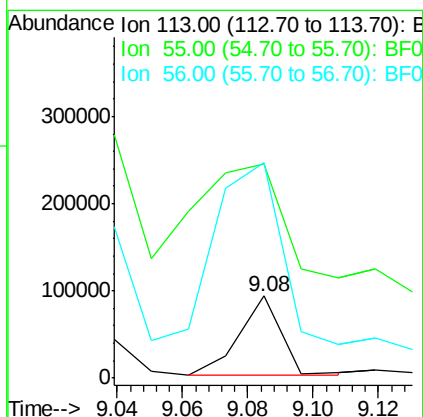
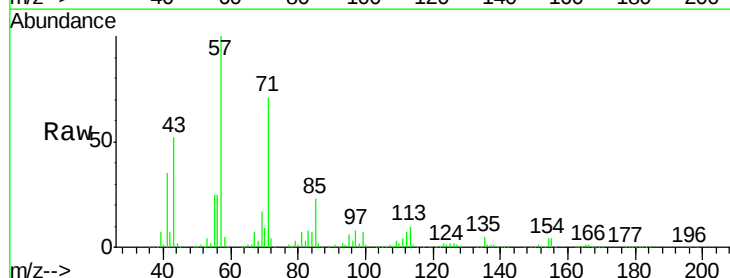
Instrument :
BNA_F
ClientSampleId :
LAR9813

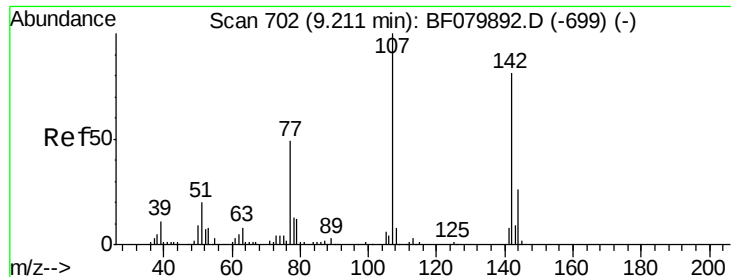
Tgt Ion:127 Resp: 58935
Ion Ratio Lower Upper
127 100
129 1.0 26.1 39.1#
65 54.3 25.5 38.3#
92 10.1 15.7 23.5#



#35
Caprolactam
Concen: 190.49 ng
RT: 9.08 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion:113 Resp: 81556
Ion Ratio Lower Upper
113 100
55 260.5 141.4 181.4#
56 263.0 95.9 135.9#

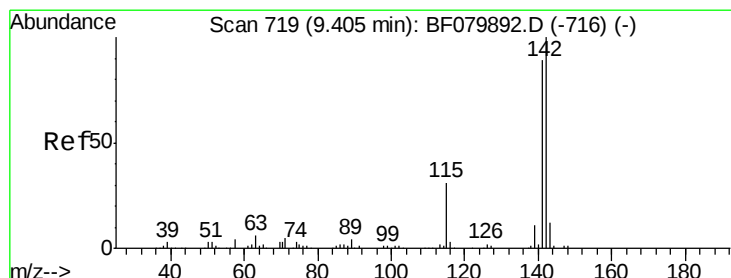
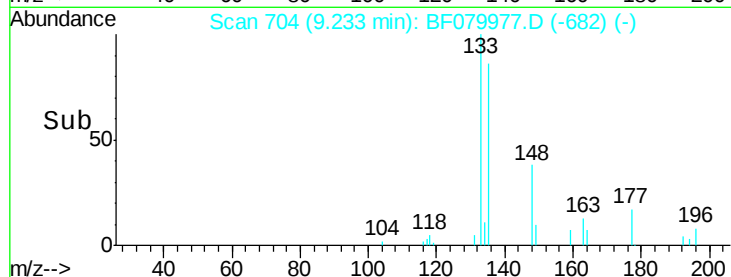
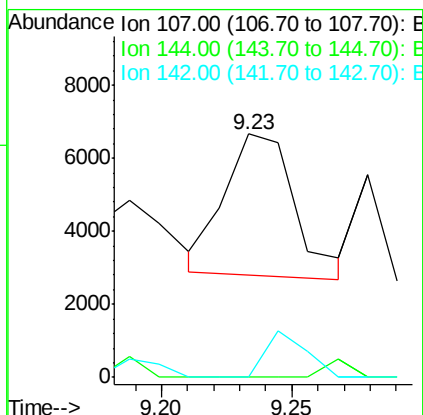
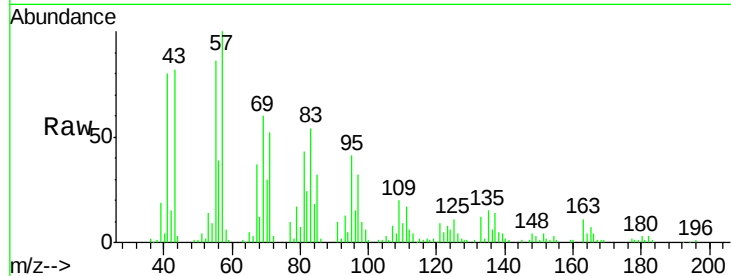




#36
 4-Chloro-3-methylphenol
 Concen: 4.67 ng
 RT: 9.23 min Scan# 704
 Delta R.T. 0.05 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

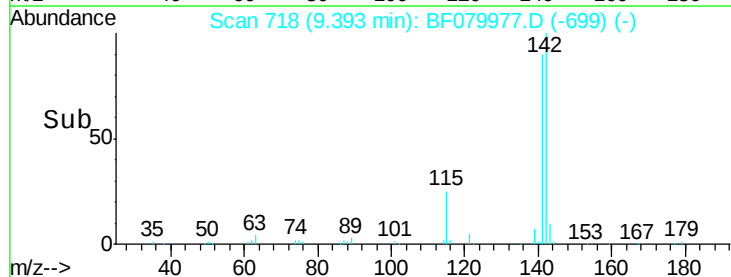
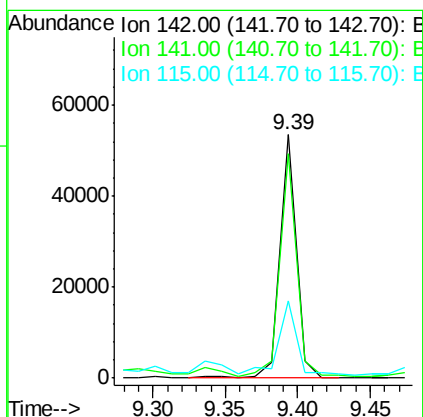
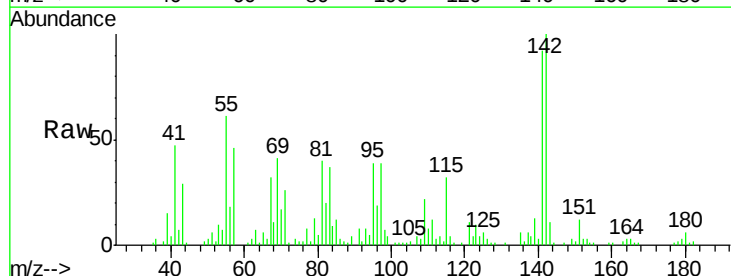
Instrument :
 BNA_F
 ClientSampleId :
 LAR9813

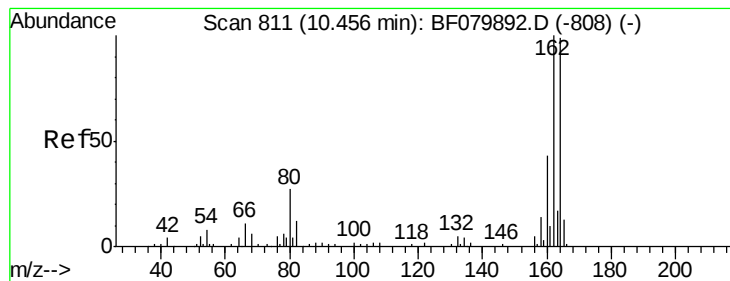
Tgt Ion:107 Resp: 7229
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.0 31.6#
 142 0.0 64.5 96.7#



#37
 2-Methylnaphthalene
 Concen: 11.21 ng
 RT: 9.39 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Tgt Ion:142 Resp: 42334
 Ion Ratio Lower Upper
 142 100
 141 91.9 70.9 106.3
 115 32.0 25.0 37.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

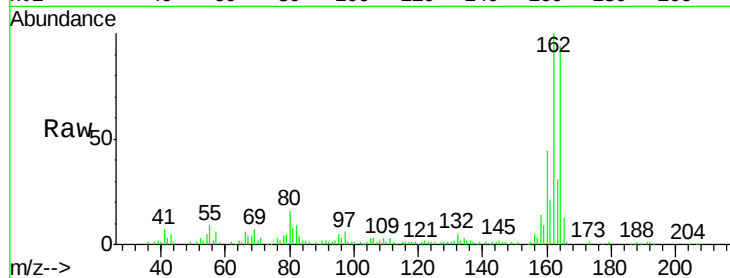
Tgt Ion:164 Resp: 90174

Ion Ratio Lower Upper

164 100

162 106.2 80.7 121.1

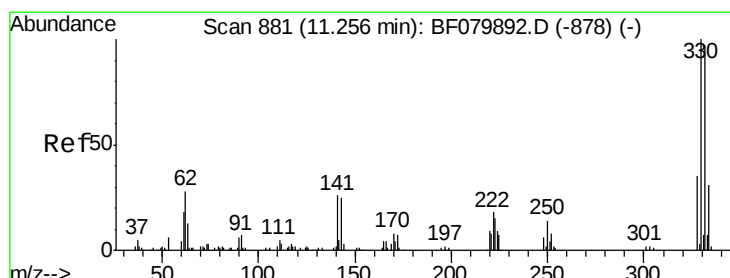
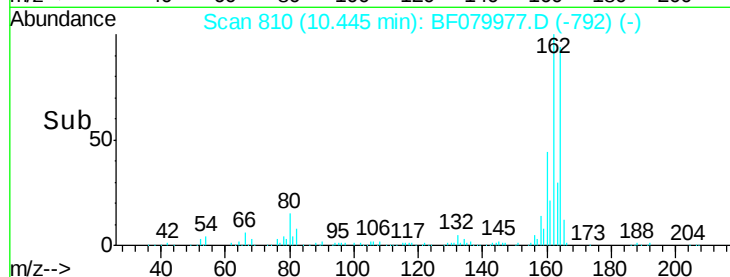
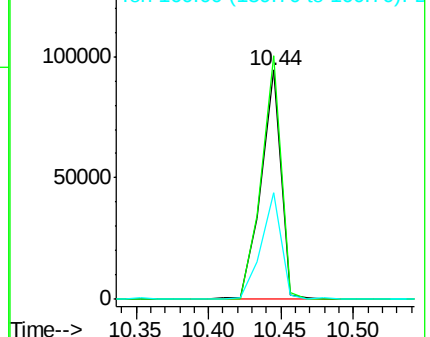
160 46.7 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 14.39 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

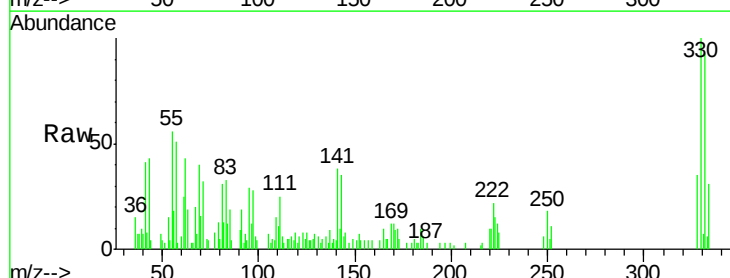
Tgt Ion:330 Resp: 10610

Ion Ratio Lower Upper

330 100

332 93.1 77.3 115.9

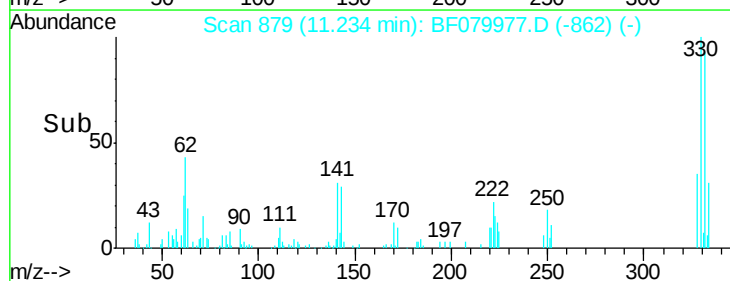
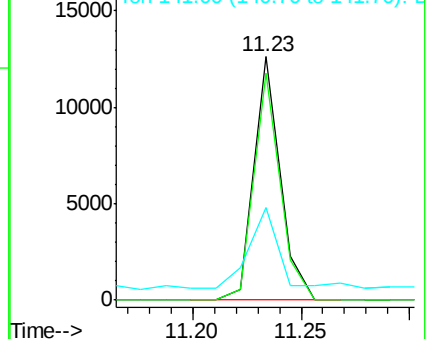
141 44.1 26.8 40.2#

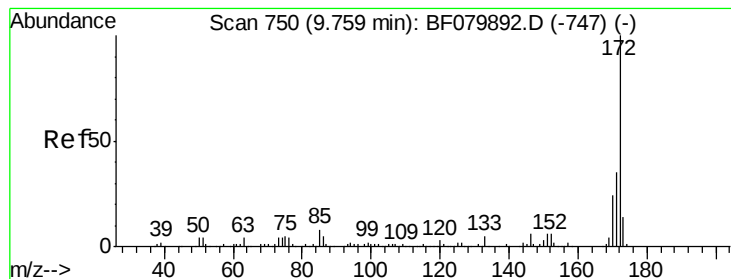


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

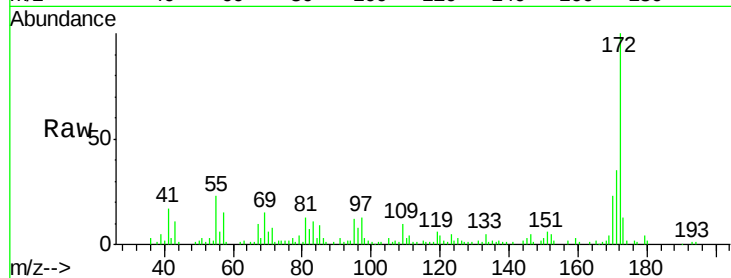




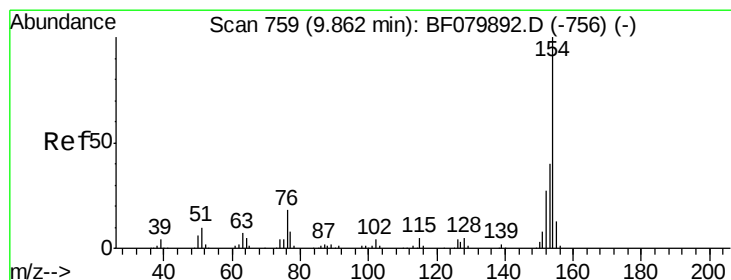
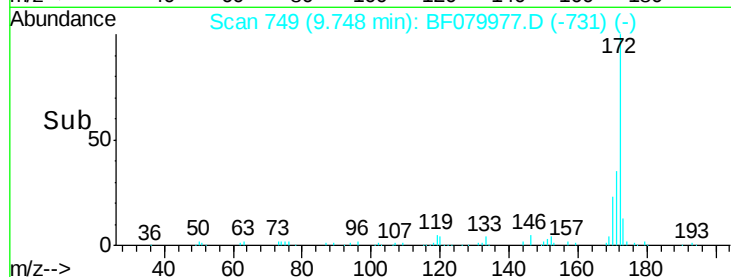
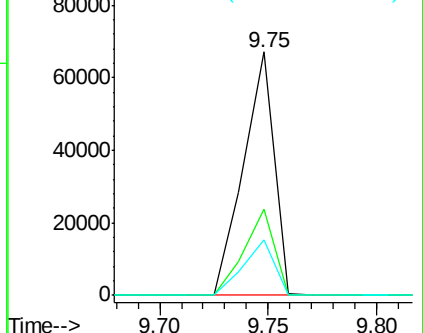
#44
 2-Fluorobiphenyl
 Concen: 10.20 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Instrument :
 BNA_F
 ClientSampleId :
 LAR9813

Tgt Ion:172 Resp: 65690
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 22.9 19.0 28.4

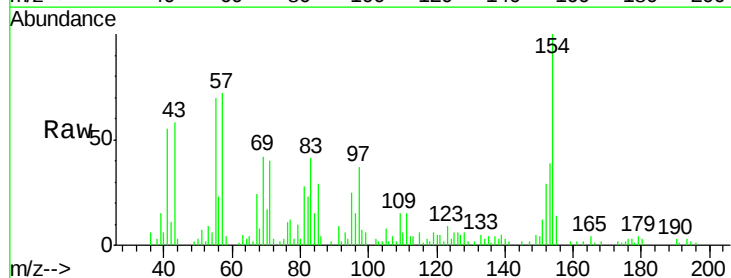


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

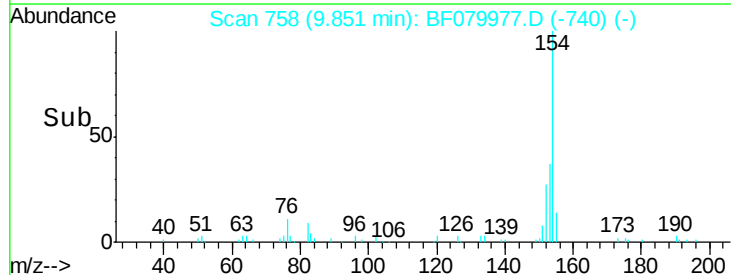
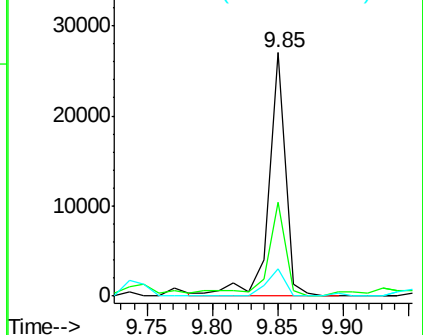


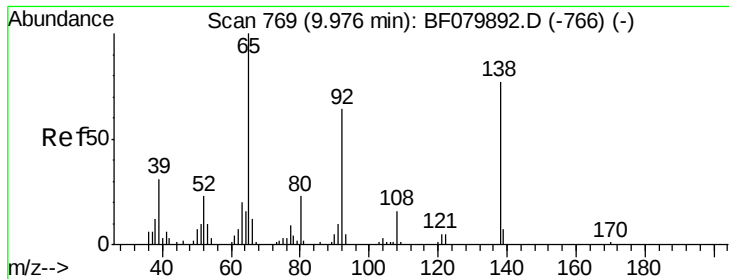
#45
 1,1'-Biphenyl
 Concen: 3.33 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Tgt Ion:154 Resp: 24321
 Ion Ratio Lower Upper
 154 100
 153 38.7 20.1 60.1
 76 11.1 0.0 38.4



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

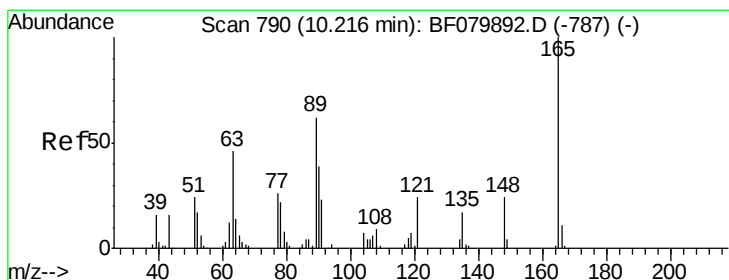
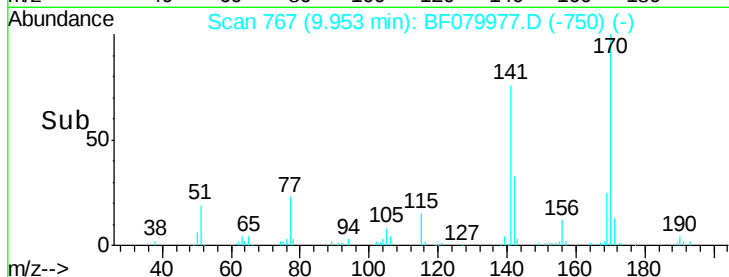
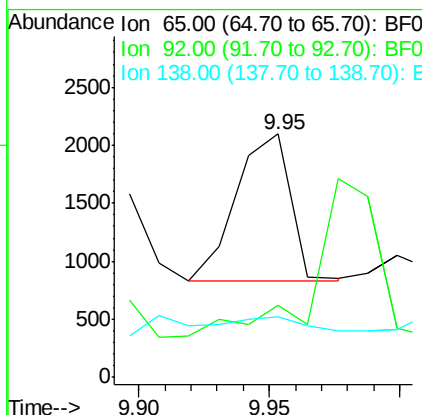
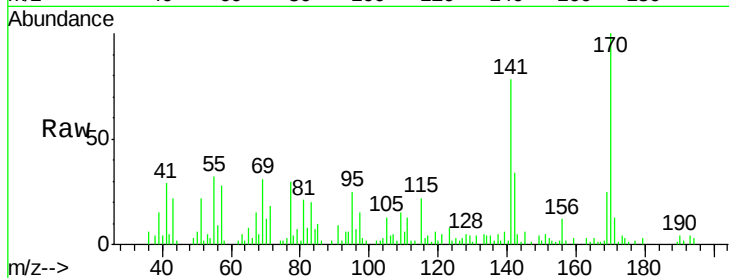




#47
2-Nitroaniline
Concen: 5.55 ng
RT: 9.95 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

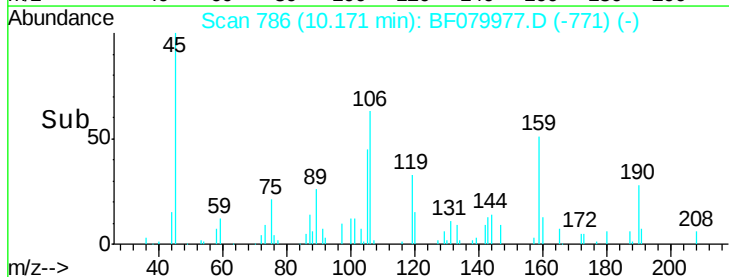
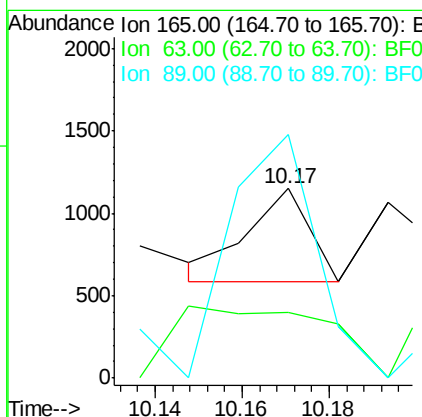
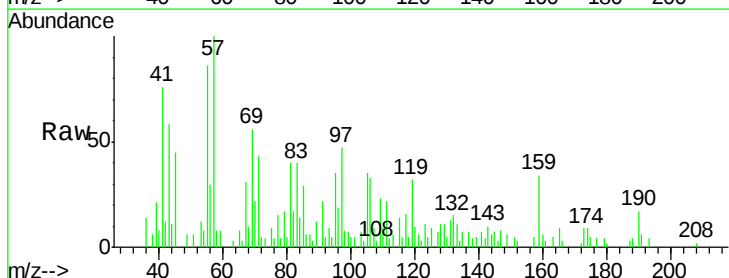
Instrument :
BNA_F
ClientSampleId :
LAR9813

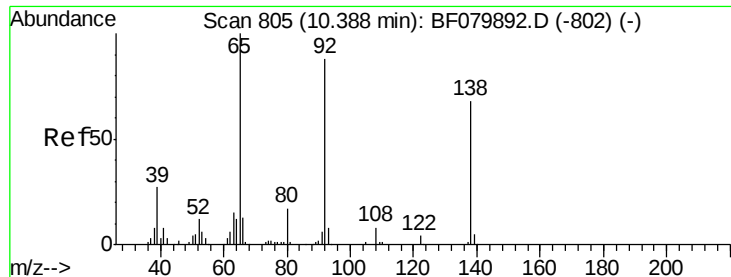
Tgt Ion: 65 Resp: 1857
Ion Ratio Lower Upper
65 100
92 29.7 51.1 76.7#
138 25.1 62.0 93.0#



#50
2,6-Dinitrotoluene
Concen: 3.43 ng
RT: 10.17 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion: 165 Resp: 547
Ion Ratio Lower Upper
165 100
63 34.4 46.4 69.6#
89 128.5 49.6 74.4#

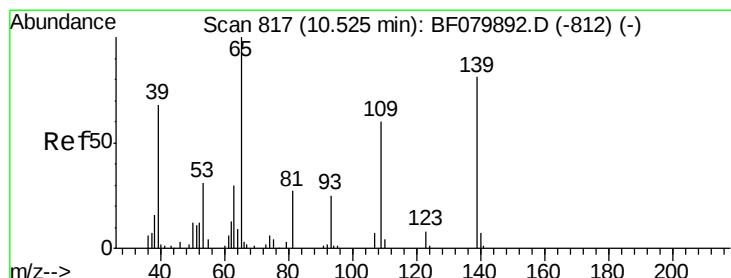
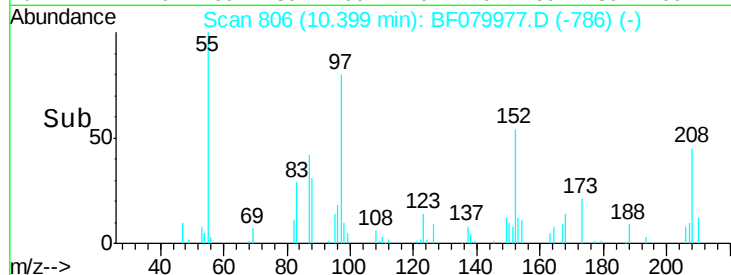
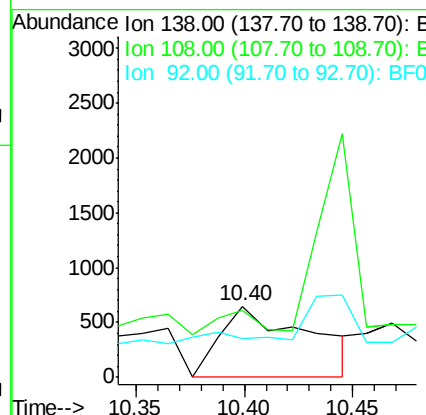
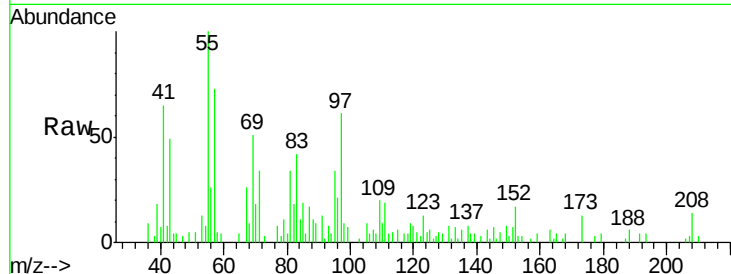




#52
3-Nitroaniline
Concen: 3.95 ng
RT: 10.40 min Scan# 806
Delta R.T. 0.02 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

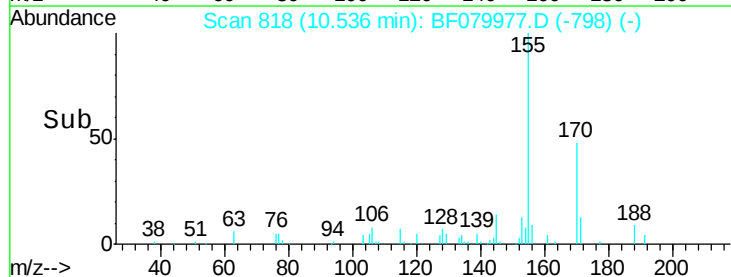
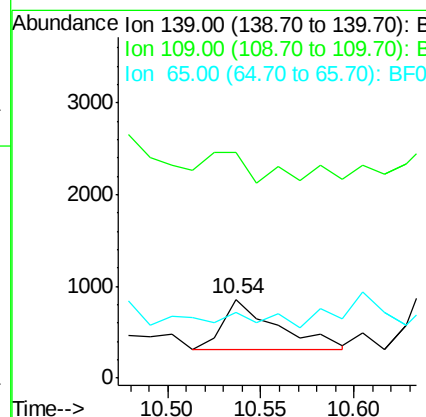
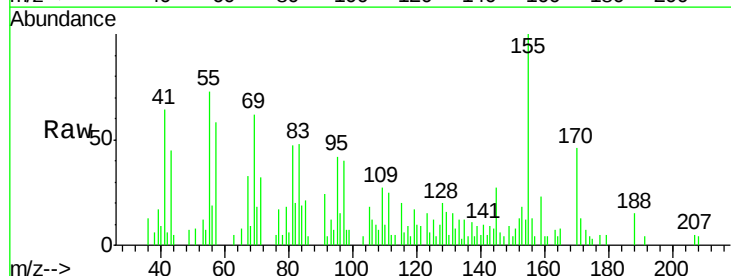
Instrument :
BNA_F
ClientSampleId :
LAR9813

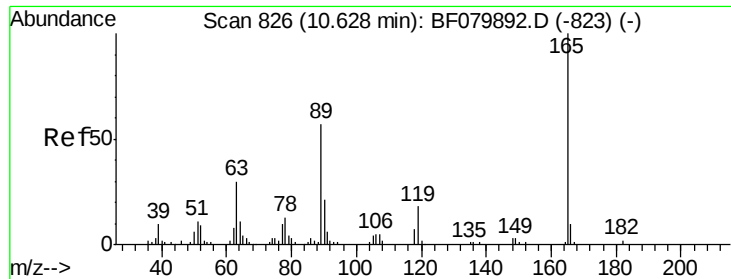
Tgt Ion:138 Resp: 1828
Ion Ratio Lower Upper
138 100
108 94.1 9.0 13.6#
92 54.0 103.1 154.7#



#55
4-Nitrophenol
Concen: 3.48 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion:139 Resp: 1092
Ion Ratio Lower Upper
139 100
109 284.9 54.8 94.8#
65 83.6 104.8 144.8#

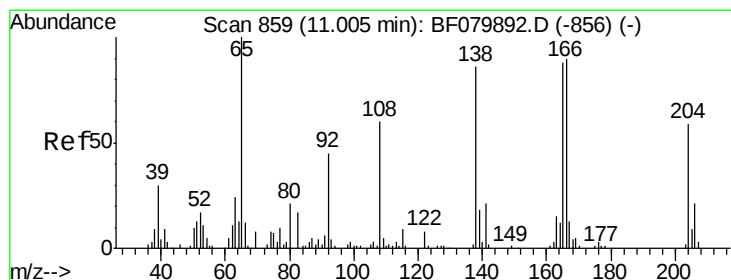
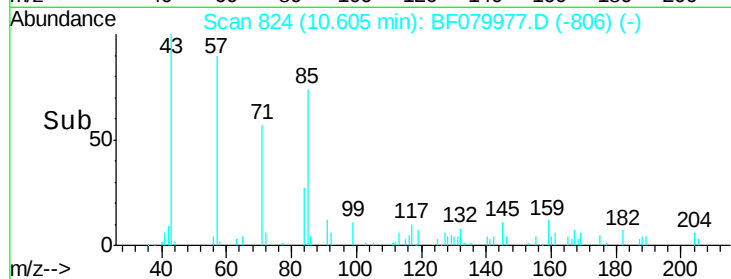
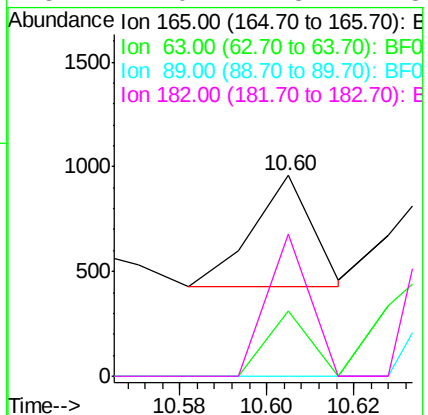
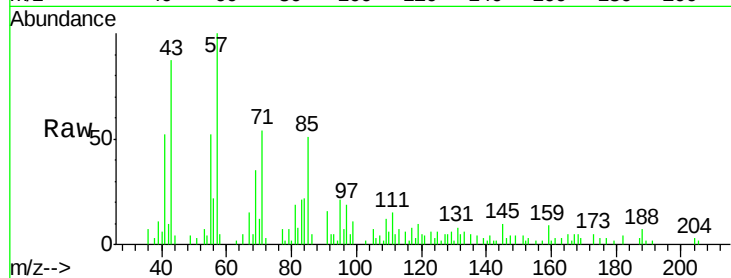




#56
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

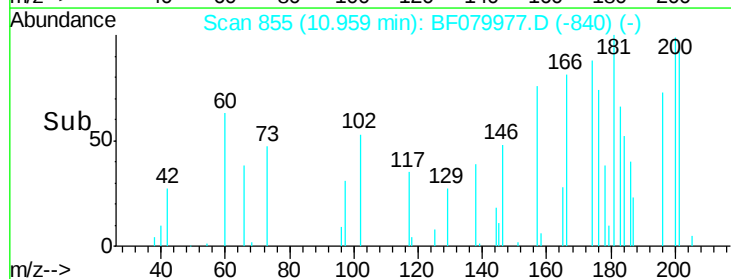
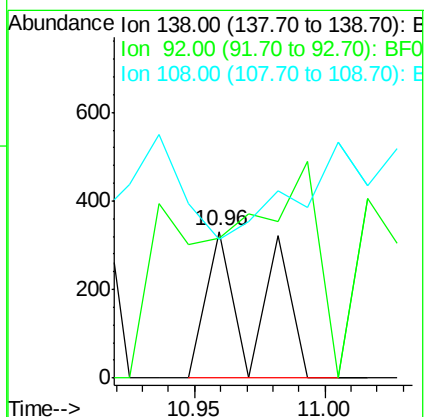
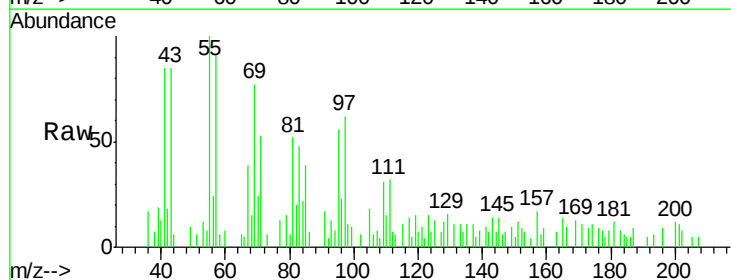
Instrument :
BNA_F
ClientSampleId :
LAR9813

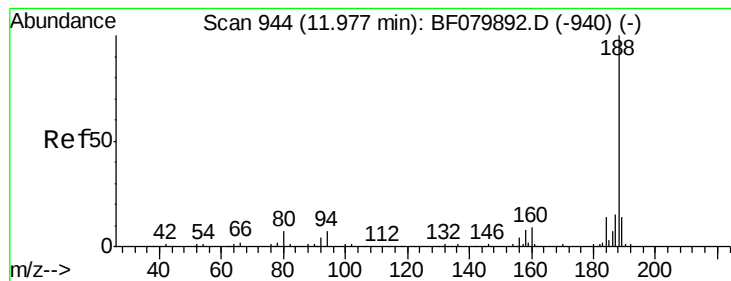
Tgt Ion:165 Resp: 504
Ion Ratio Lower Upper
165 100
63 32.6 24.3 36.5
89 0.0 45.4 68.2#
182 71.0 1.8 2.8#



#61
4-Nitroaniline
Concen: 3.36 ng
RT: 10.96 min Scan# 855
Delta R.T. -0.03 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion:138 Resp: 448
Ion Ratio Lower Upper
138 100
92 95.2 32.9 72.9#
108 94.6 50.4 90.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

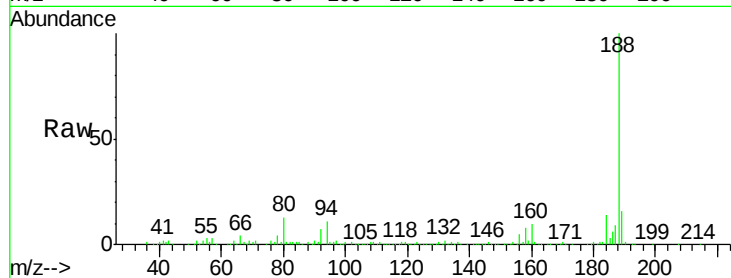
Tgt Ion:188 Resp: 187144

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

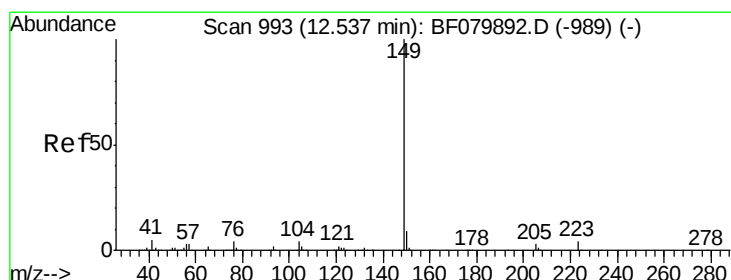
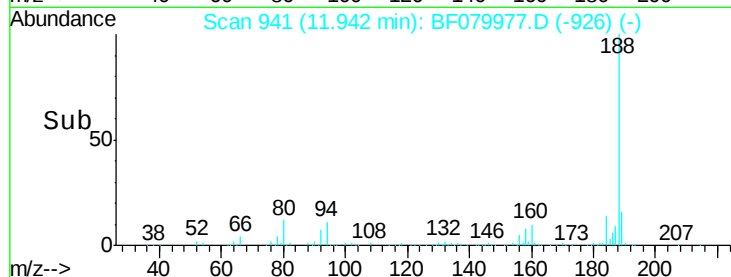
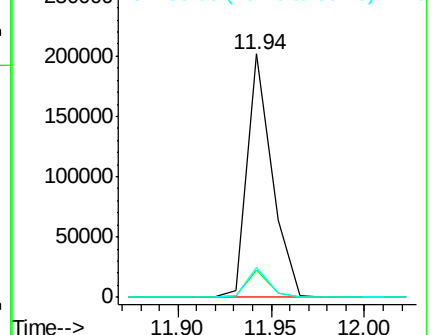
80 12.5 5.9 8.9#



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



#73

Di-n-butylphthalate

Concen: 3.24 ng

RT: 12.49 min Scan# 989

Delta R.T. -0.07 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

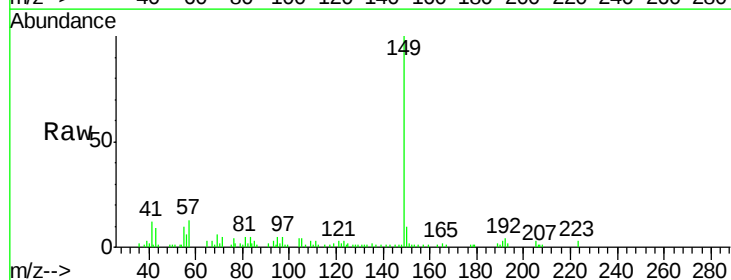
Tgt Ion:149 Resp: 36972

Ion Ratio Lower Upper

149 100

150 9.8 7.2 10.8

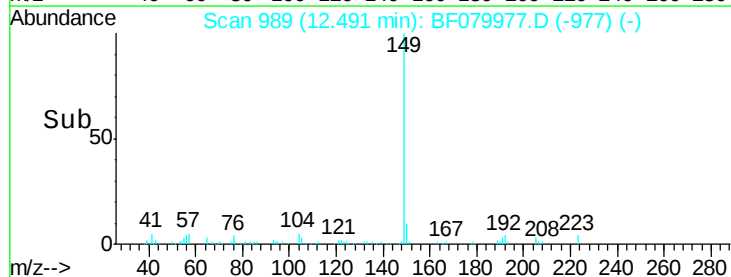
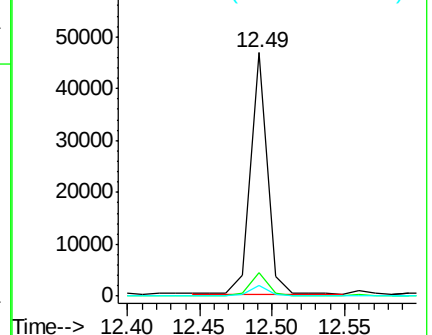
104 4.4 3.3 4.9

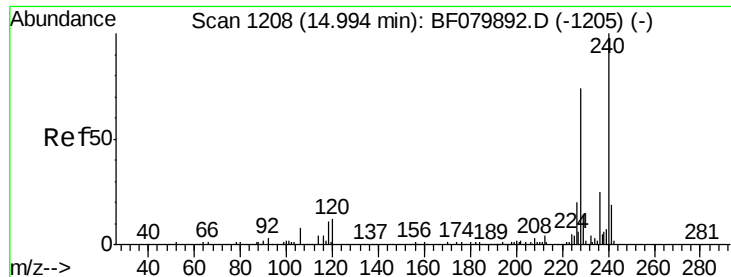


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.17 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampled :

LAR9813

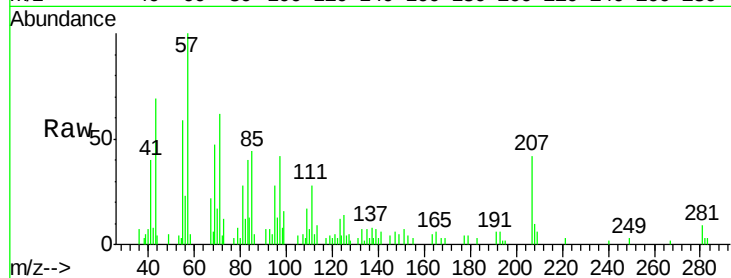
Tgt Ion:240 Resp: 221

Ion Ratio Lower Upper

240 100

120 104.3 9.4 14.2#

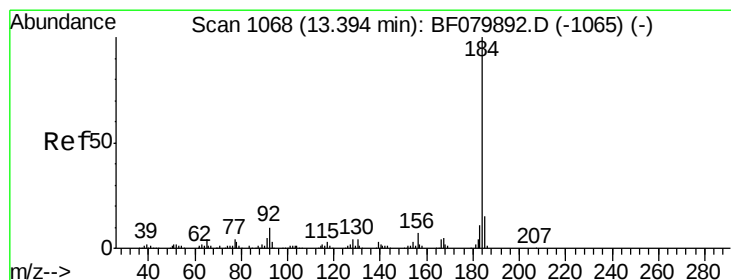
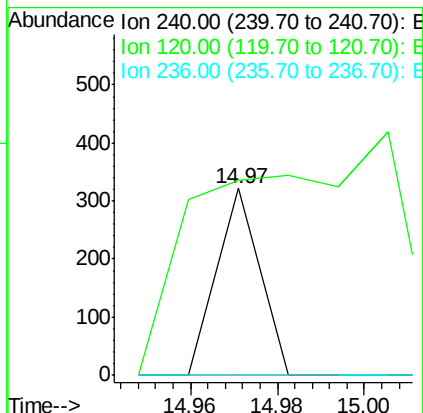
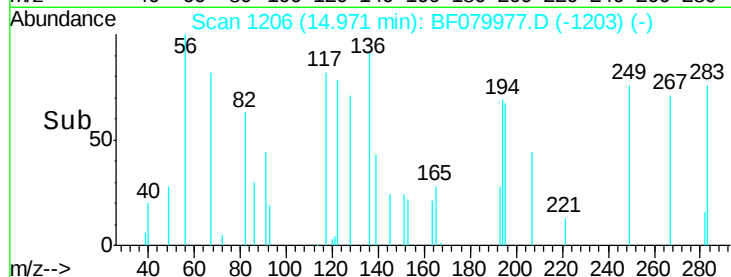
236 0.0 19.6 29.4#



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



#76

Benzidine

Concen: 206.21 ng

RT: 13.33 min Scan# 1062

Delta R.T. -0.14 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

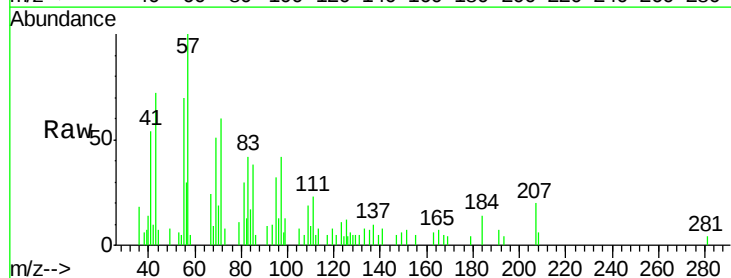
Tgt Ion:184 Resp: 1262

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.6#

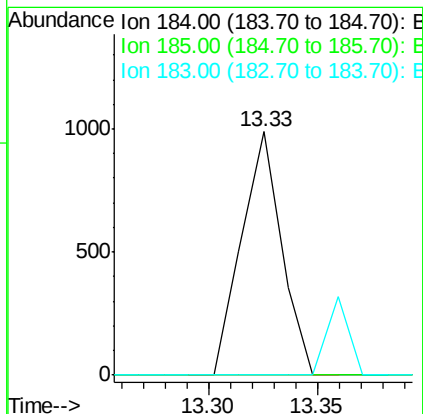
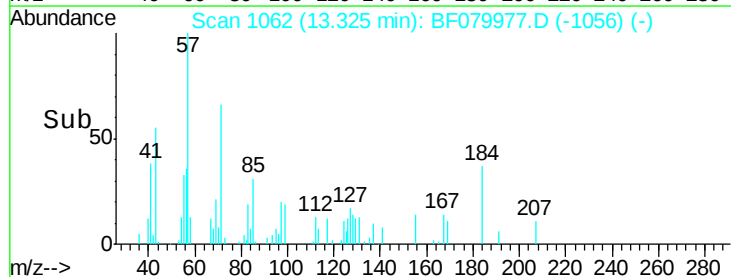
183 0.0 9.0 13.6#

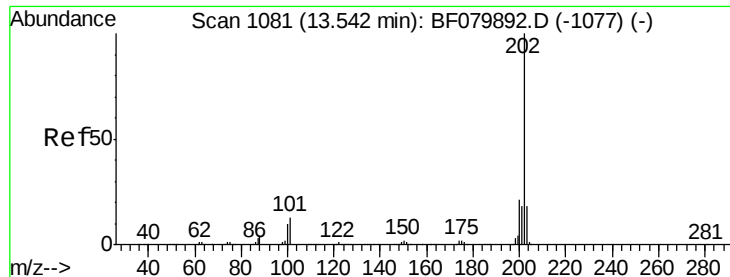


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 154.75 ng

RT: 13.46 min Scan# 1074

Delta R.T. -0.15 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

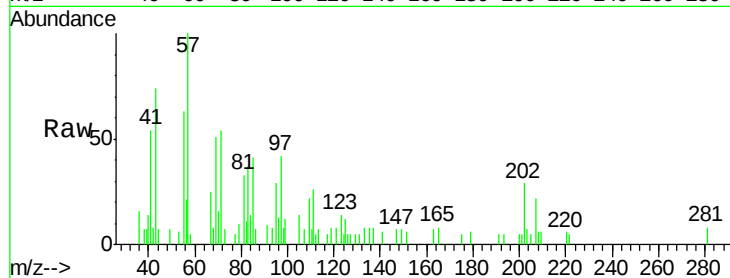
Tgt Ion:202 Resp: 2148

Ion Ratio Lower Upper

202 100

200 18.8 16.8 25.2

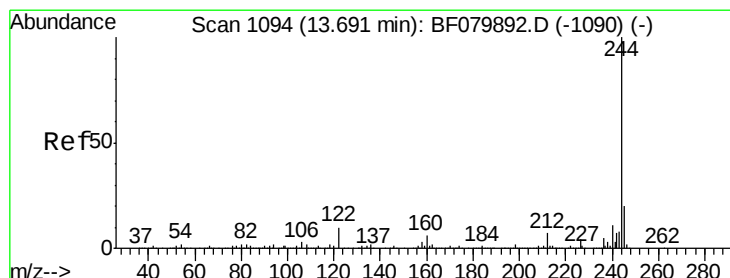
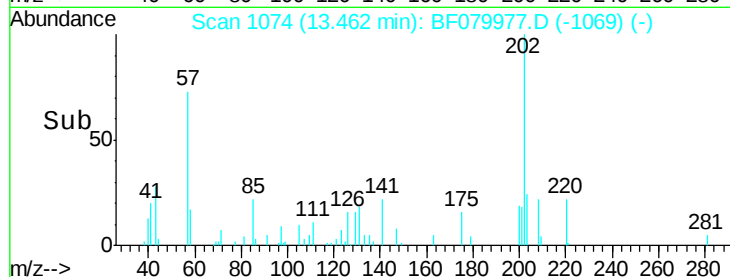
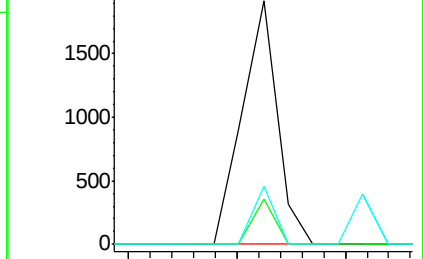
203 23.8 14.4 21.6#



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: 9605.56 ng

RT: 13.60 min Scan# 1086

Delta R.T. -0.17 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

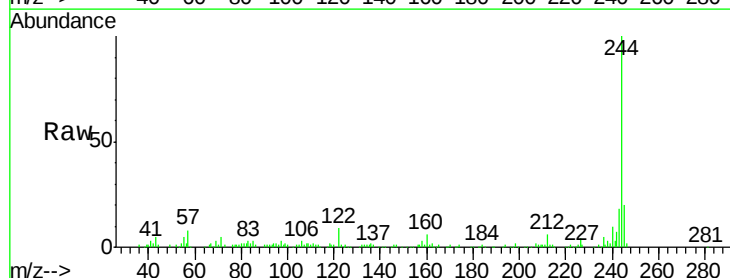
Tgt Ion:244 Resp: 92076

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

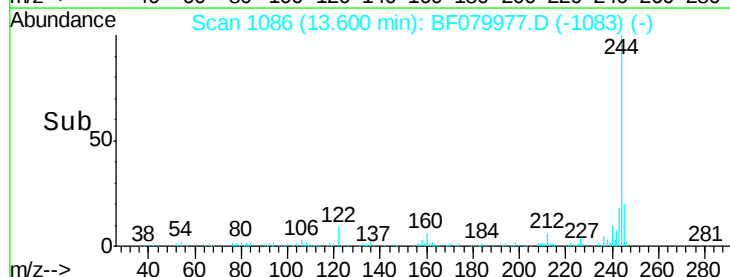
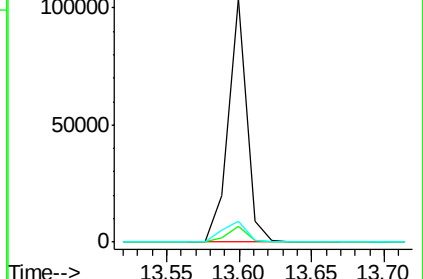
122 8.8 7.8 11.8

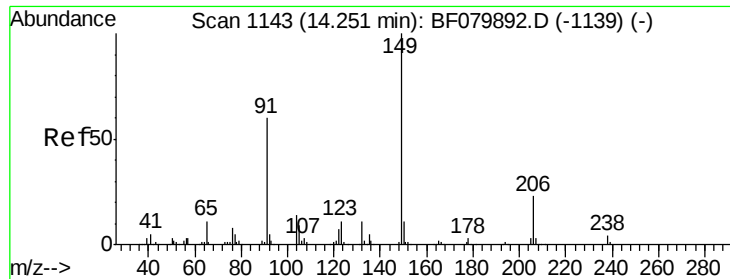


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 84.70 ng

RT: 14.19 min Scan# 1138

Delta R.T. -0.17 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

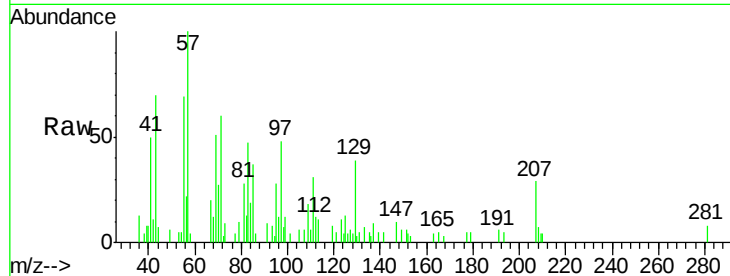
Tgt Ion:149 Resp: 397

Ion Ratio Lower Upper

149 100

91 136.1 48.1 72.1#

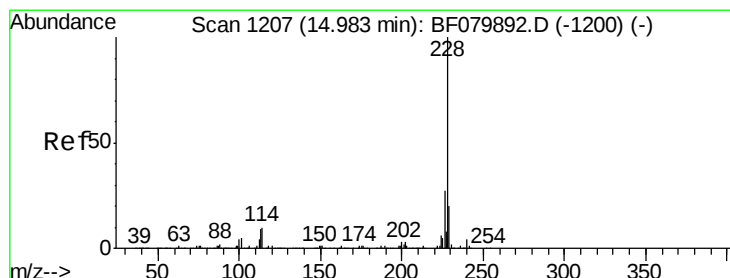
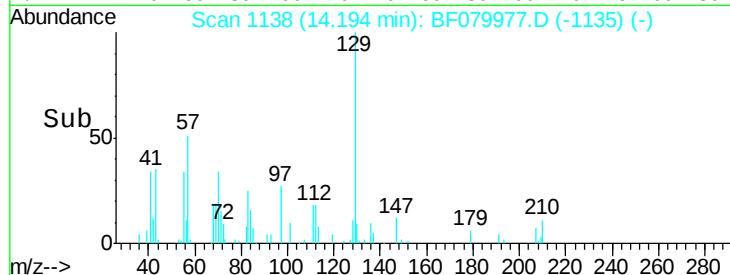
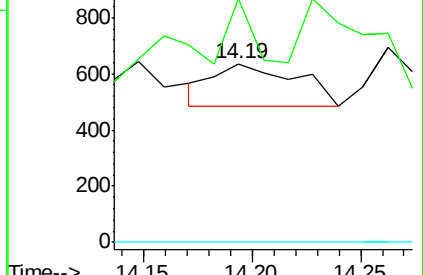
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 152.28 ng

RT: 14.82 min Scan# 1193

Delta R.T. -0.30 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

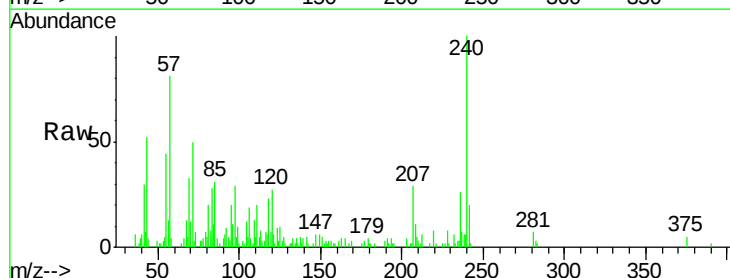
Tgt Ion:228 Resp: 2137

Ion Ratio Lower Upper

228 100

226 28.9 21.8 32.8

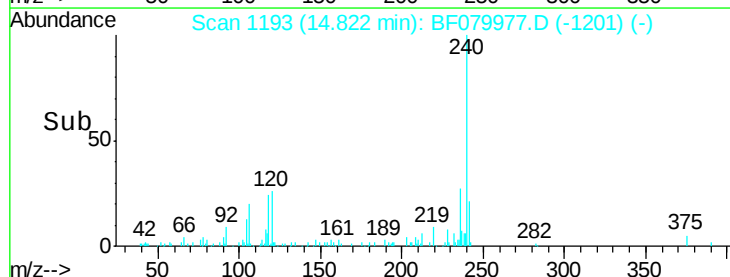
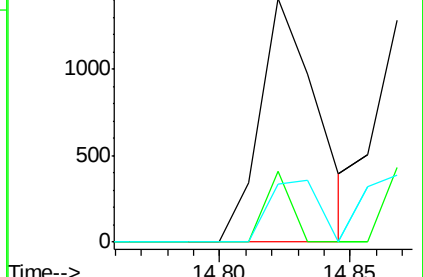
229 23.6 15.9 23.9

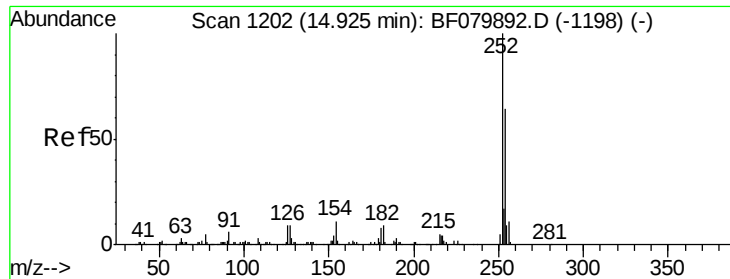


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

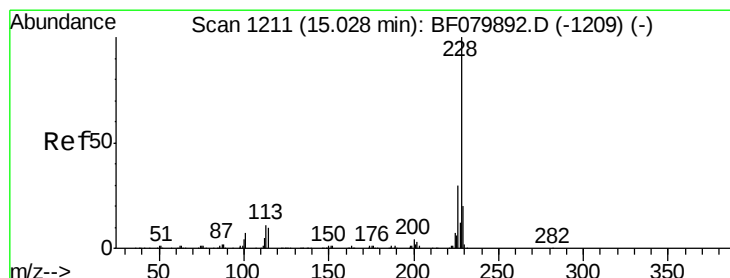
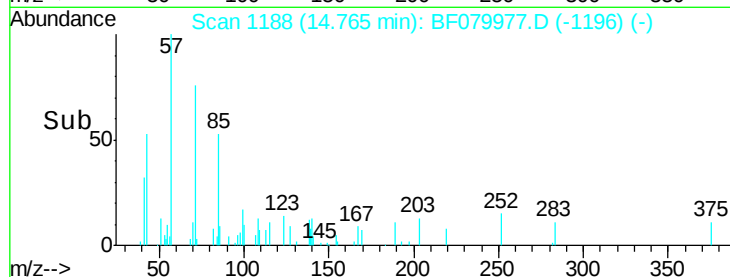
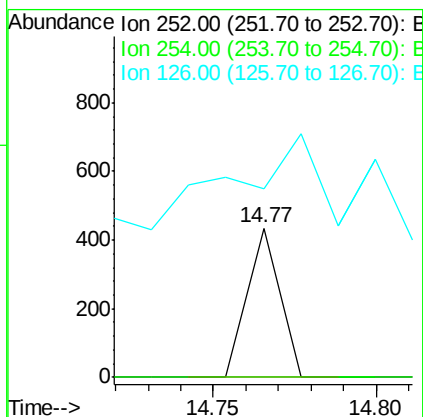
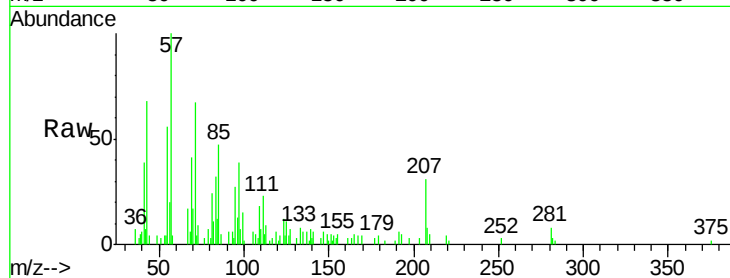




#81
 3,3'-Dichlorobenzidine
 Concen: 66.42 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. -0.30 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

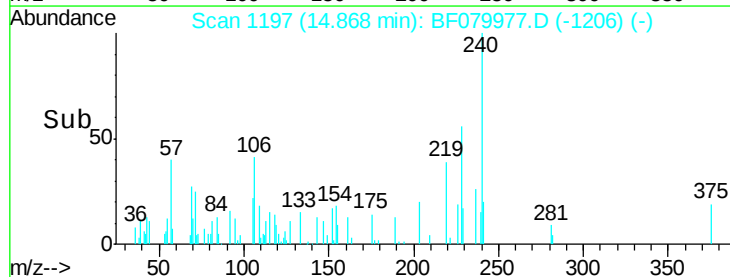
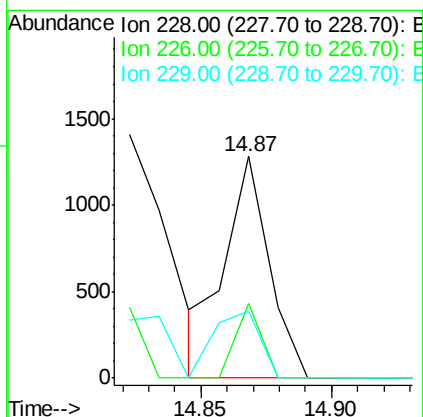
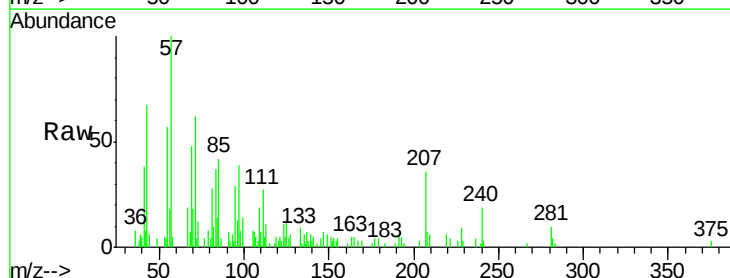
Instrument :
 BNA_F
 ClientSampleId :
 LAR9813

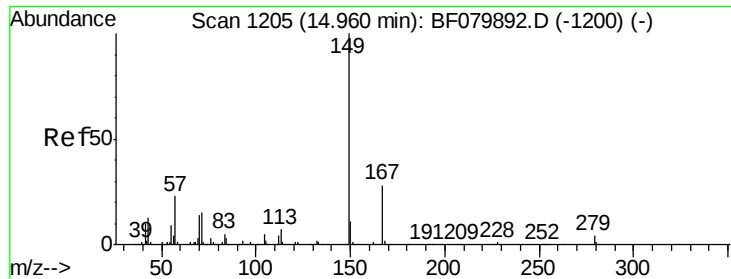
Tgt Ion: 252 Resp: 298
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.1 76.7#
 126 126.7 7.3 10.9#



#82
 Chrysene
 Concen: 123.33 ng
 RT: 14.87 min Scan# 1197
 Delta R.T. -0.31 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Tgt Ion: 228 Resp: 1504
 Ion Ratio Lower Upper
 228 100
 226 34.0 23.9 35.9
 229 30.1 16.1 24.1#

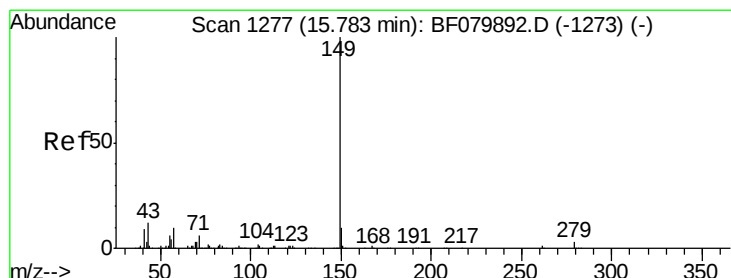
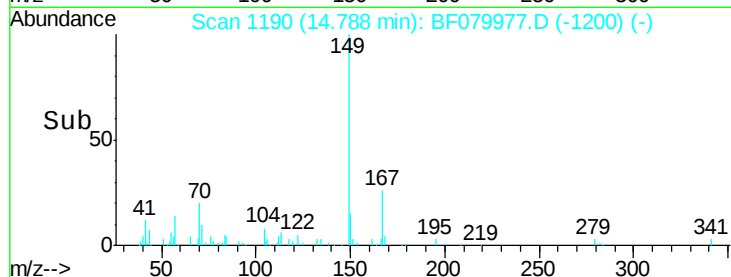
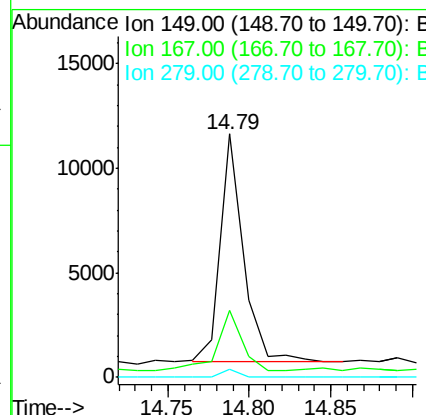
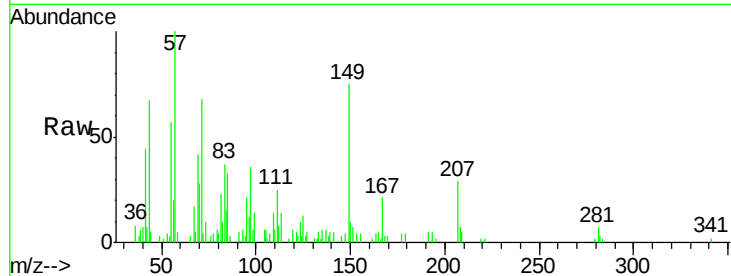




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1407.50 ng
 RT: 14.79 min Scan# 1190
 Delta R.T. -0.32 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

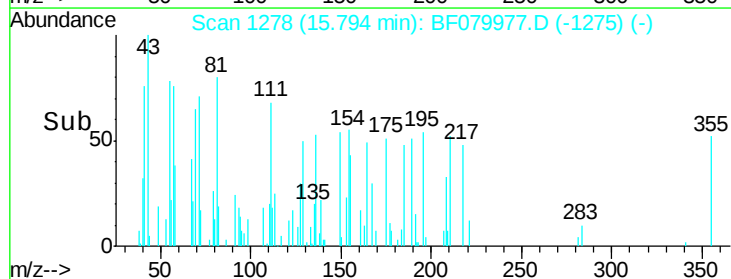
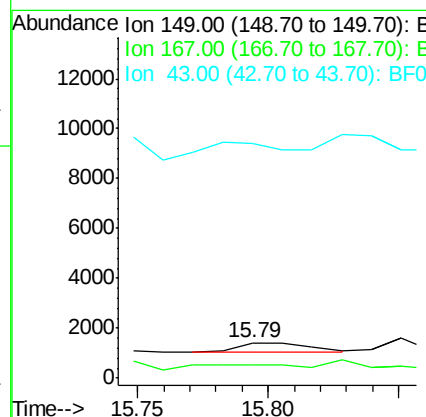
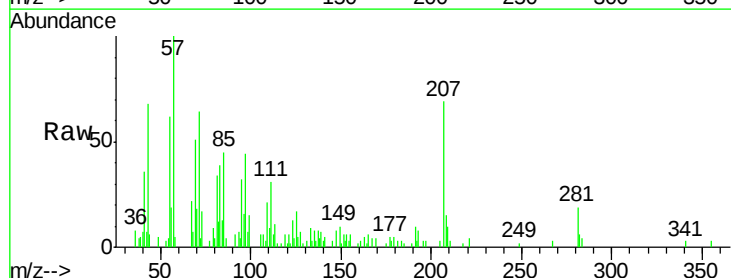
Instrument :
 BNA_F
 ClientSampleId :
 LAR9813

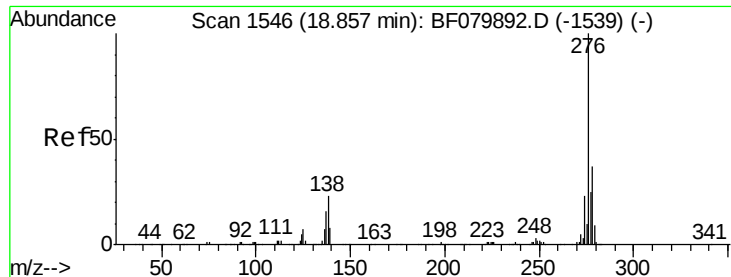
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	3.2	3.1	4.7



#84
 Di-n-octyl phthalate
 Concen: 54.76 ng
 RT: 15.79 min Scan# 1278
 Delta R.T. -0.17 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	288.1	8.8	13.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 16.13 ng

RT: 18.65 min Scan# 1528

Delta R.T. -0.37 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

LAR9813

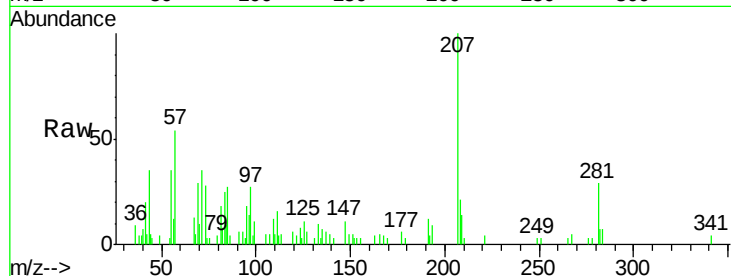
Tgt Ion: 276 Resp: 237

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.4#

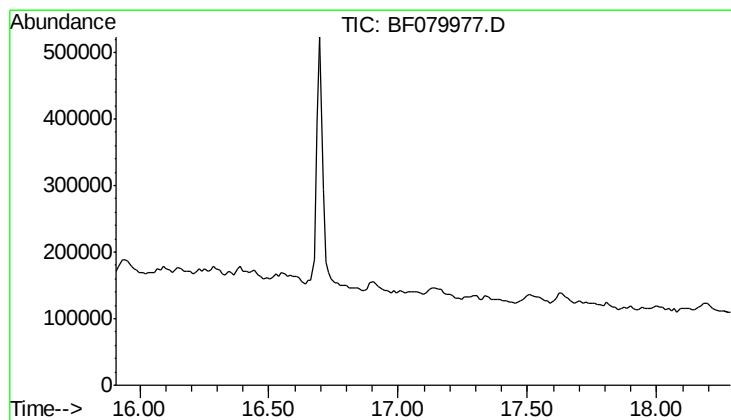
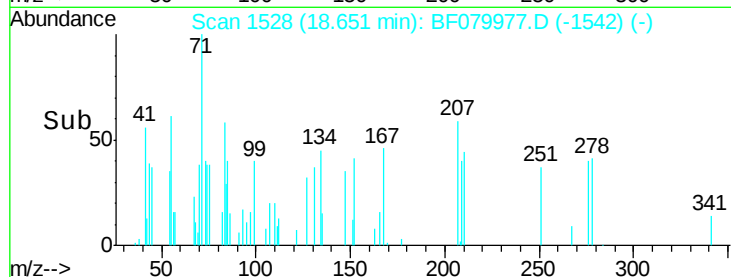
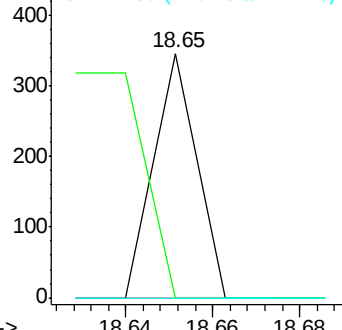
277 0.0 19.9 29.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.10 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.1

265 21.3

