

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080396.D
 Acq On : 8 Jul 2015 19:20
 Operator : TP/UM
 Sample : G2866-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Quant Time: Jul 09 01:02:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	40291	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	113998	20.00	ng	0.00
38) Acenaphthene-d10	10.27	164	75521	20.00	ng	0.00
63) Phenanthrene-d10	11.77	188	157661	20.00	ng	-0.01
75) Chrysene-d12	14.69	240	165382	20.00	ng	-0.15
86) Perylene-d12	16.51	264	161382	20.00	ng	-0.25

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.81	112	236188	107.36	ng	0.00
7) Phenol-d6	6.82	99	326540	111.98	ng	0.00
23) Nitrobenzene-d5	7.77	82	269930	138.11	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	83010	105.05	ng	0.00
44) 2-Fluorobiphenyl	9.58	172	327138	58.46	ng	0.01
78) Terphenyl-d14	13.44	244	455722	64.27	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	6365	3.92	ng	# 3
15) Benzyl Alcohol	7.36	79	15940	7.06	ng	# 53
18) Hexachloroethane	7.74	117	47030	50.07	ng	# 1
19) n-Nitroso-di-n-propylamine	7.60	70	8941	4.73	ng	# 72
20) 3+4-Methylphenols	7.62	107	6504	2.36	ng	# 1
22) Acetophenone	7.55	105	27936	10.62	ng	# 41
24) Nitrobenzene	7.74	77	48598	24.75	ng	# 38
25) Isophorone	8.03	82	166419	44.24	ng	# 1
26) 2-Nitrophenol	8.12	139	20658	24.31	ng	# 1
29) 2,4-Dichlorophenol	8.35	162	19683	13.26	ng	# 1
30) 1,2,4-Trichlorobenzene	8.40	180	10821	6.13	ng	# 41
31) Naphthalene	8.50	128	33005	5.64	ng	# 1
32) Benzoic acid	8.17	122	22123	29.36	ng	# 49
33) 4-Chloroaniline	8.52	127	21164	9.08	ng	# 1
35) Caprolactam	8.93	113	218629	476.98	ng	# 89
36) 4-Chloro-3-methylphenol	9.05	107	23452	15.31	ng	# 31
37) 2-Methylnaphthalene	9.23	142	164846	44.22	ng	# 96
42) 2,4,6-Trichlorophenol	9.49	196	22750	14.43	ng	# 12
43) 2,4,5-Trichlorophenol	9.49	196	22750	12.38	ng	# 1
47) 2-Nitroaniline	9.82	65	15756	11.02	ng	# 1
49) Dimethylphthalate	9.96	163	77611	12.80	ng	# 84
50) 2,6-Dinitrotoluene	10.03	165	11395	8.99	ng	# 53
52) 3-Nitroaniline	10.22	138	12858	9.00	ng	# 47
53) 2,4-Dinitrophenol	10.56	184	5965	17.43	ng	# 94
54) Dibenzofuran	10.48	168	35315	4.88	ng	# 57
55) 4-Nitrophenol	10.37	139	10703	10.22	ng	# 21
56) 2,4-Dinitrotoluene	10.44	165	8708	5.34	ng	# 66
57) Fluorene	10.82	166	16245	2.61	ng	# 75
61) 4-Nitroaniline	10.74	138	2881	2.08	ng	# 91
64) 4,6-Dinitro-2-methylphenol	10.82	198	892	6.16	ng	# 1
65) n-Nitrosodiphenylamine	10.93	169	39021	7.77	ng	# 48
66) 4-Bromophenyl-phenylether	11.06	248	6534	3.62	ng	# 1
70) Phenanthrene	11.79	178	39694	4.20	ng	# 96
74) Fluoranthene	13.05	202	33954	3.34	ng	# 95

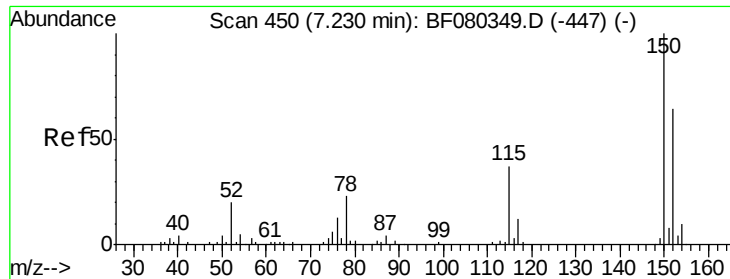
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	13.30	202	36064	3.61	ng	99
80) Benzo(a)anthracene	14.67	228	23616	2.37	ng	96
82) Chrysene	14.72	228	22399	2.40	ng	95
83) Bis(2-ethylhexyl)phthalate	14.66	149	14386	2.36	ng	98
87) Benzo(b)fluoranthene	16.00	252	26438	2.61	ng #	63
88) Benzo(k)fluoranthene	16.00	252	26438	2.75	ng #	63

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

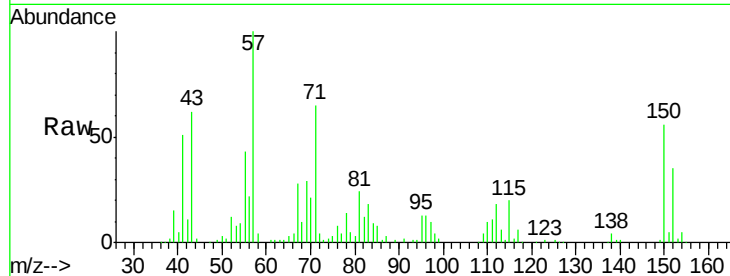
Tgt Ion:152 Resp: 40291

Ion Ratio Lower Upper

152 100

150 158.0 124.7 187.1

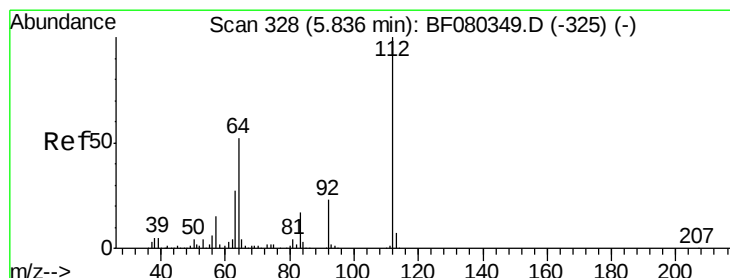
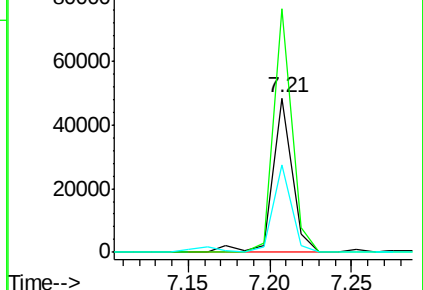
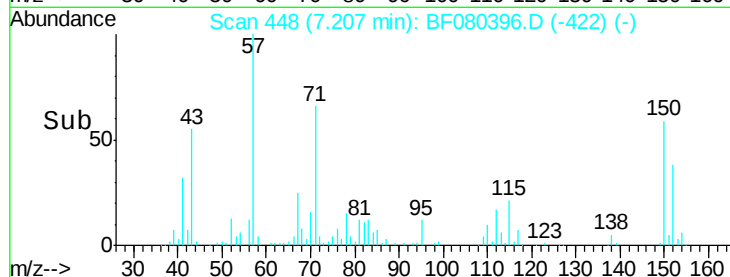
115 56.7 45.7 68.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 107.36 ng

RT: 5.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

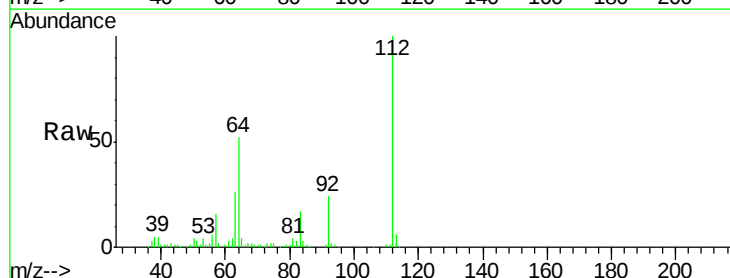
Tgt Ion:112 Resp: 236188

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.6

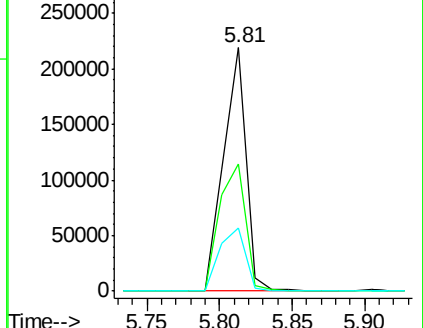
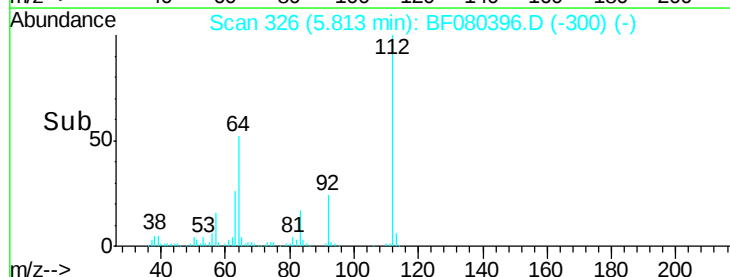
63 26.1 21.5 32.3

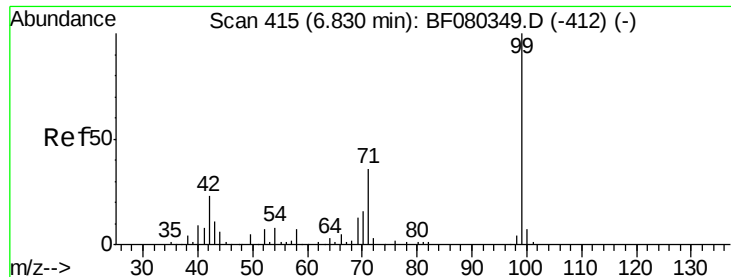


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.98 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

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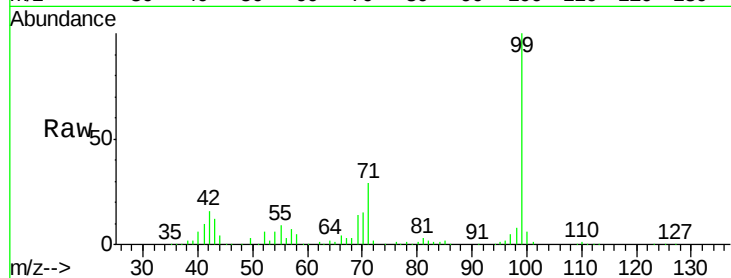
Tgt Ion: 99 Resp: 326540

Ion Ratio Lower Upper

99 100

42 15.5 18.5 27.7#

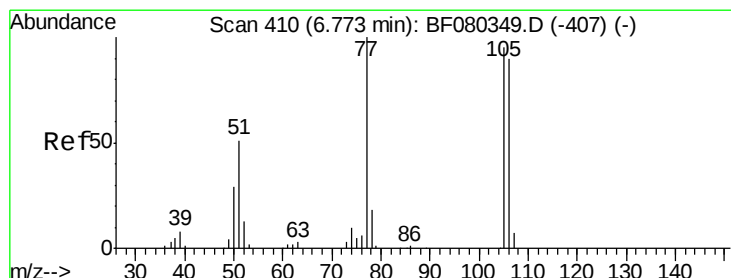
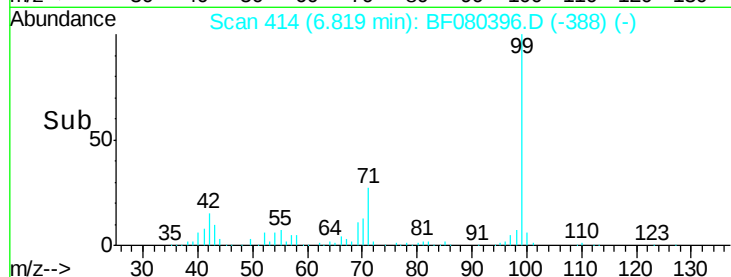
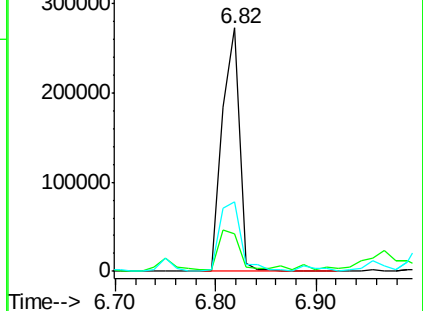
71 28.6 28.5 42.7



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: 3.92 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

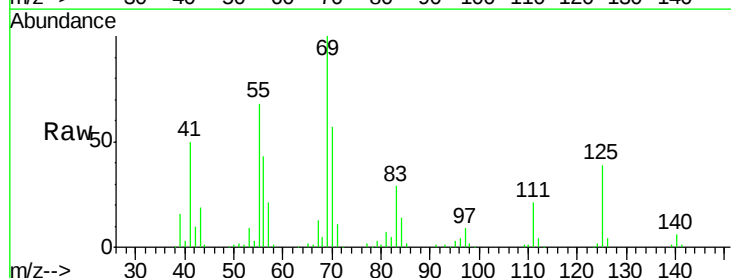
Tgt Ion: 77 Resp: 6365

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

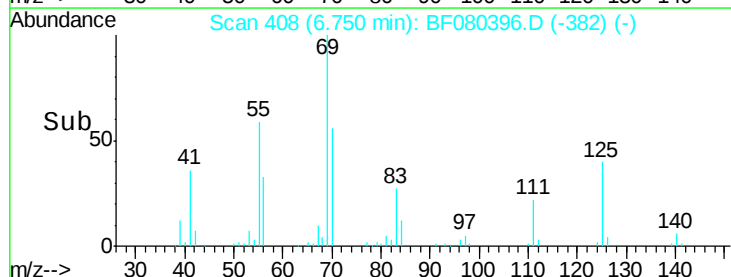
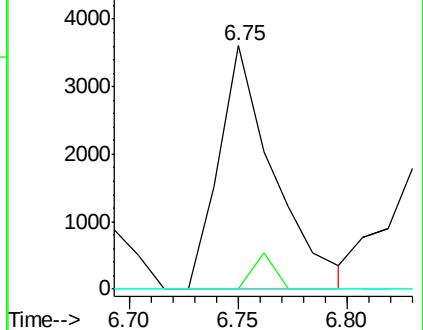
106 0.0 69.9 109.9#

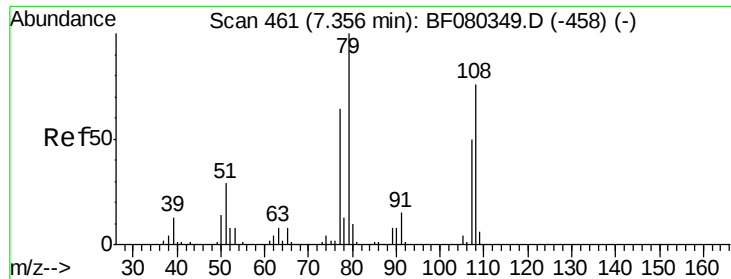


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 7.06 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.02 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

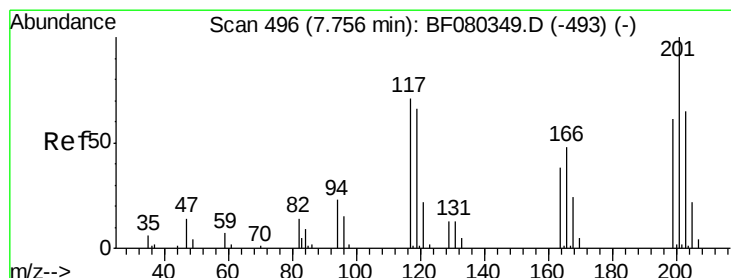
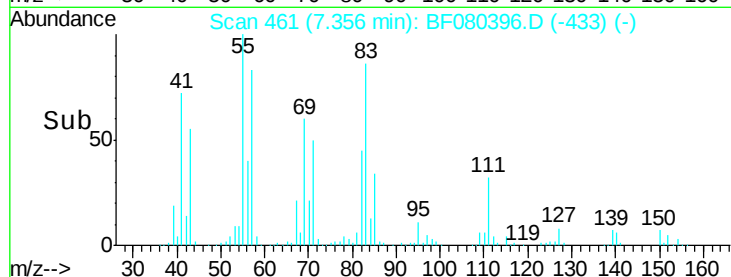
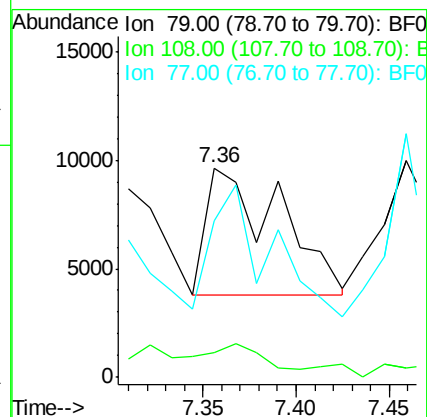
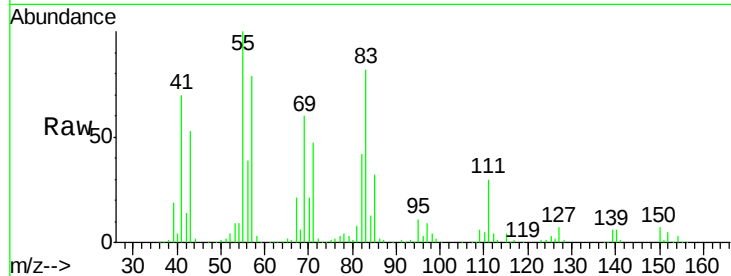
Tgt Ion: 79 Resp: 15940

Ion Ratio Lower Upper

79 100

108 11.6 60.6 90.8#

77 74.5 50.8 76.2



#18

Hexachloroethane

Concen: 50.07 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

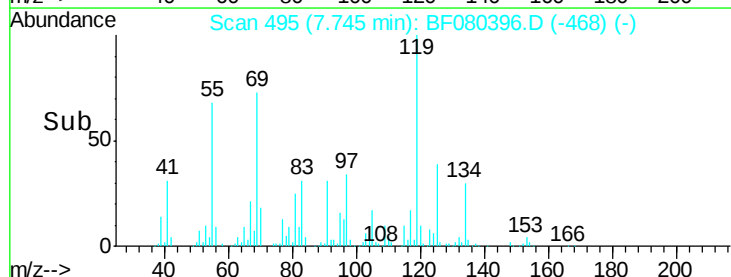
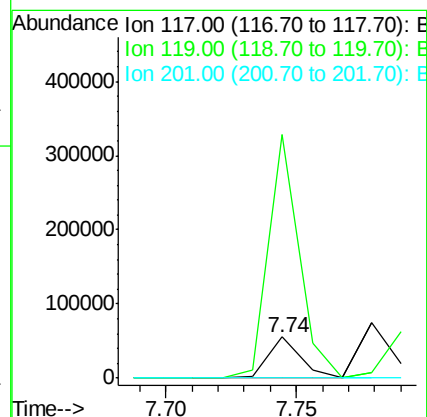
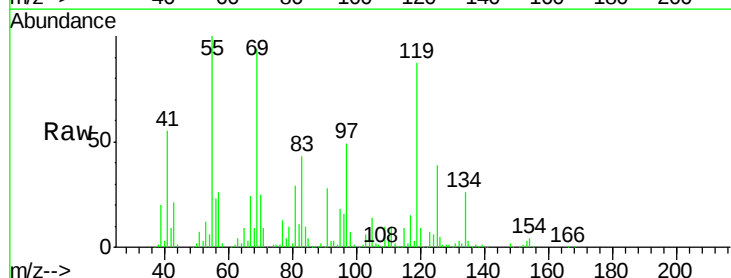
Tgt Ion: 117 Resp: 47030

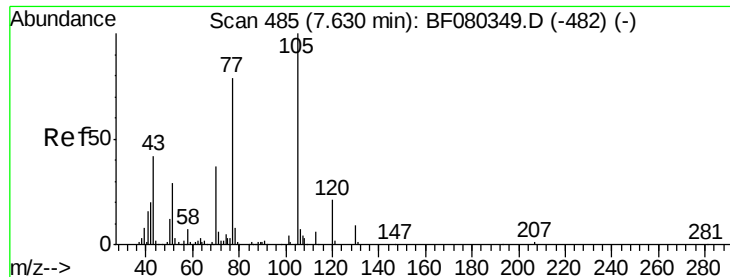
Ion Ratio Lower Upper

117 100

119 592.9 74.2 111.4#

201 0.0 112.4 168.6#

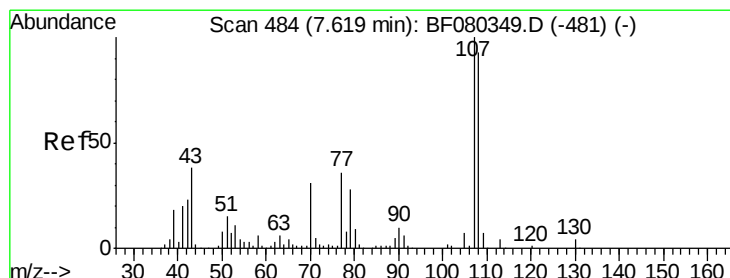
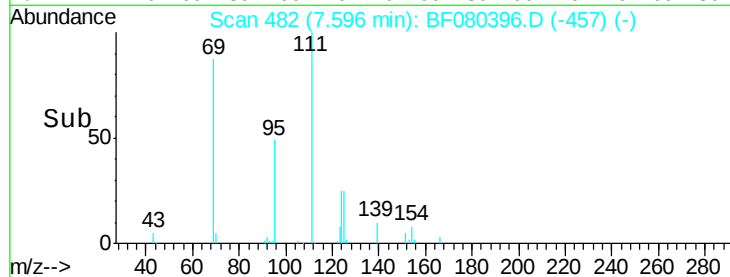
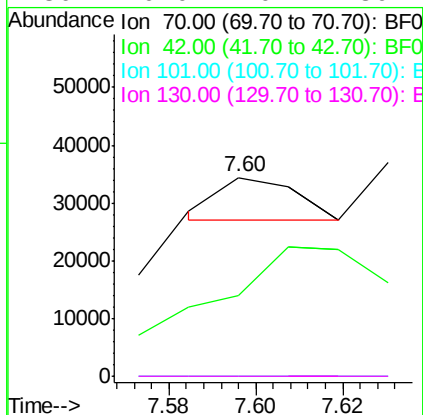
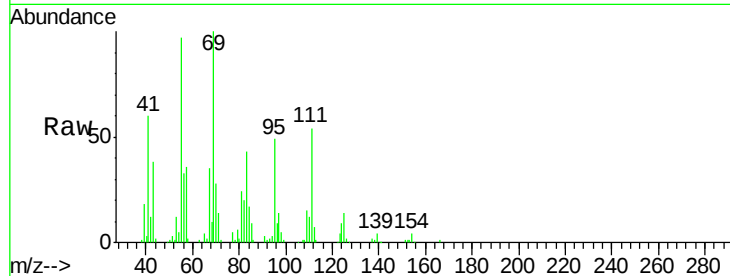




#19
n-Nitroso-di-n-propylamine
Concen: 4.73 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

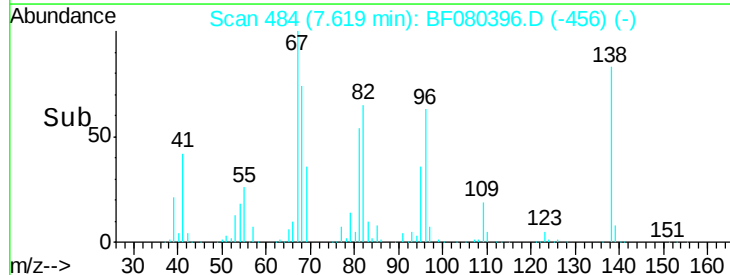
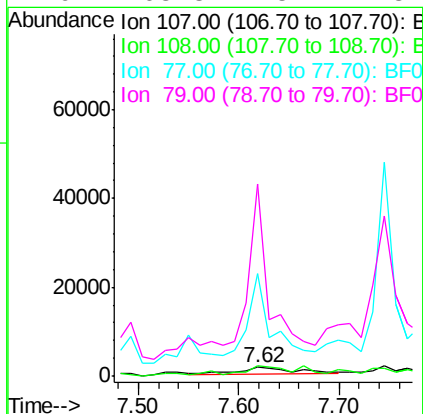
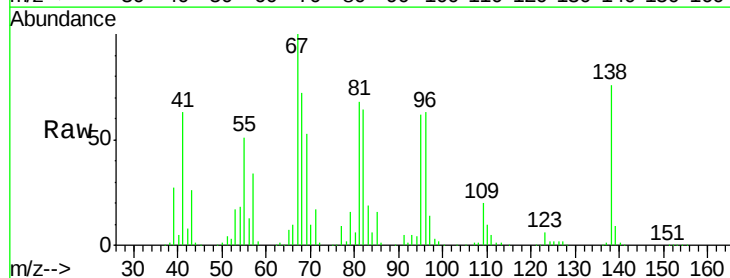
Instrument :
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ClientSampleId :
SB-02-6.5-7.0-070115

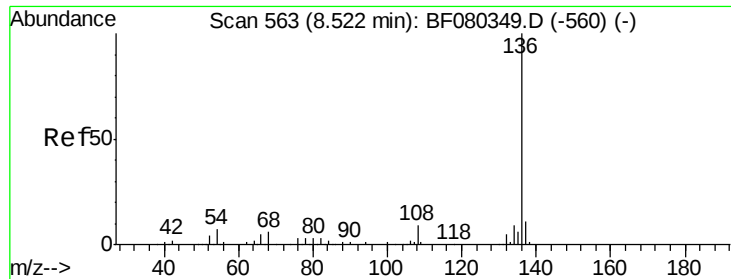
Tgt Ion: 70 Resp: 8941
Ion Ratio Lower Upper
70 100
42 40.8 43.0 64.6#
101 0.0 8.3 12.5#
130 0.0 20.2 30.2#



#20
3+4-Methylphenols
Concen: 2.36 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.02 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion: 107 Resp: 6504
Ion Ratio Lower Upper
107 100
108 128.4 73.4 113.4#
77 1209.3 16.4 56.4#
79 2268.3 8.2 48.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

Tgt Ion:136 Resp: 113998

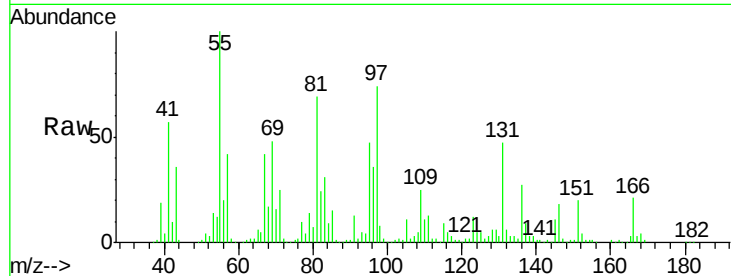
Ion Ratio Lower Upper

136 100

137 31.4 8.5 12.7#

54 44.9 5.8 8.8#

68 60.9 4.6 6.8#

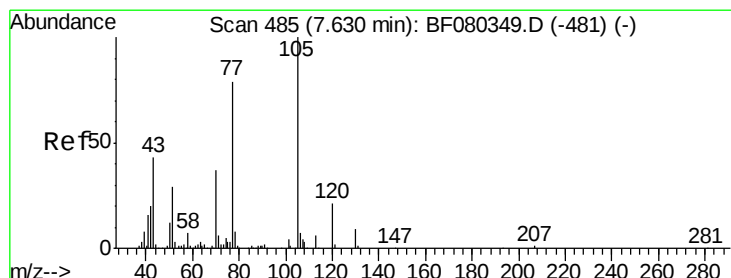
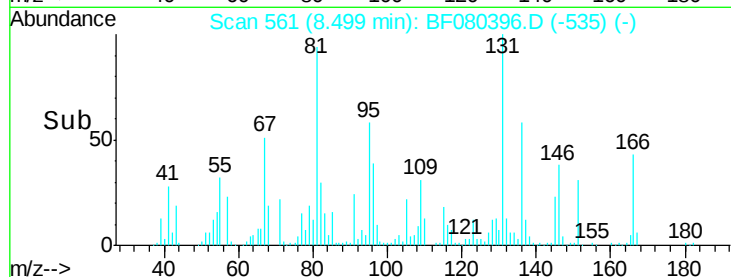
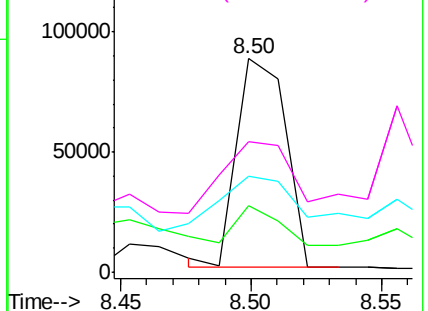


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 10.62 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion:105 Resp: 27936

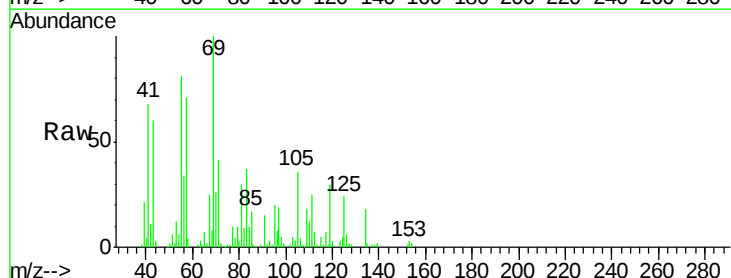
Ion Ratio Lower Upper

105 100

71 116.4 5.0 7.6#

51 15.6 23.2 34.8#

120 9.3 17.0 25.4#

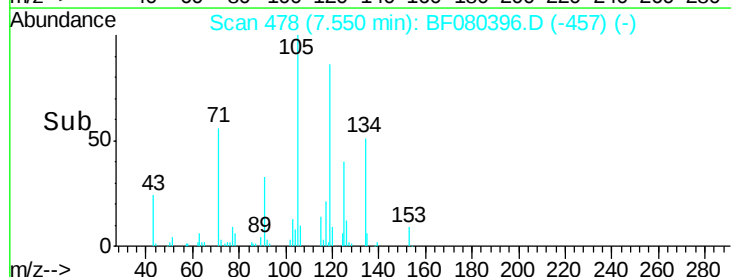
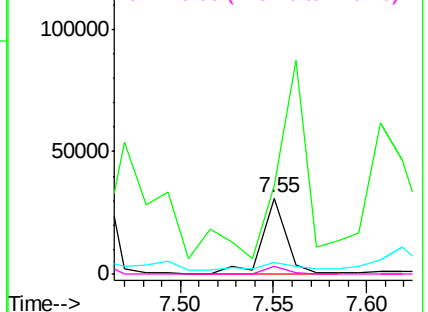


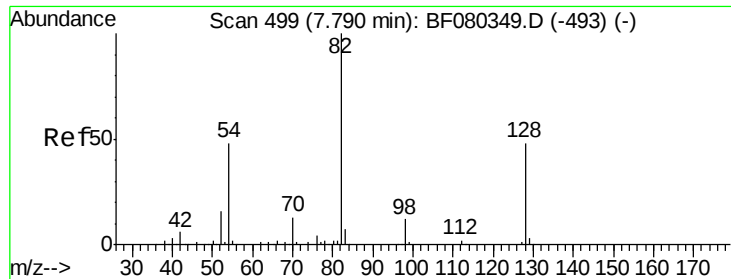
Abundance Ion 105.00 (104.70 to 105.70): E

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

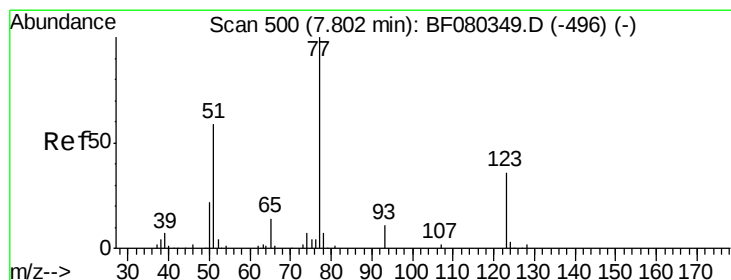
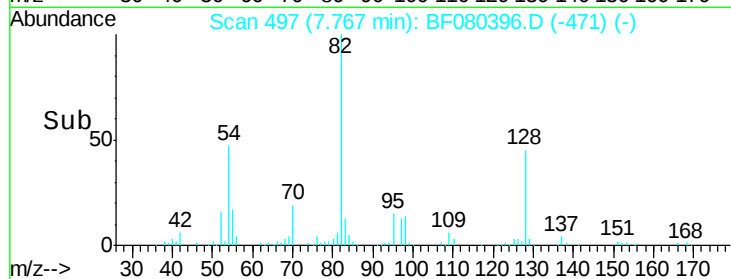
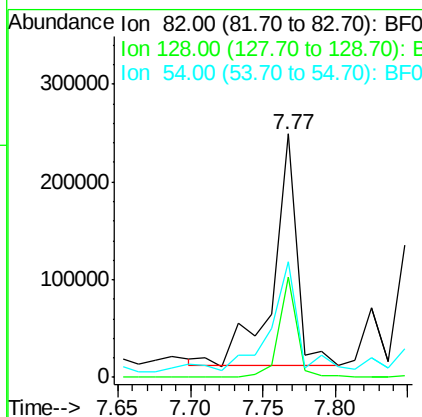
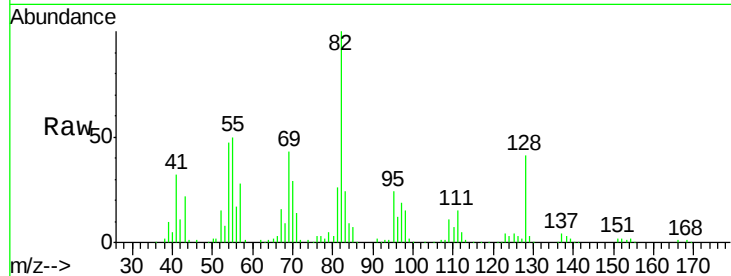




#23
 Nitrobenzene-d5
 Concen: 138.11 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

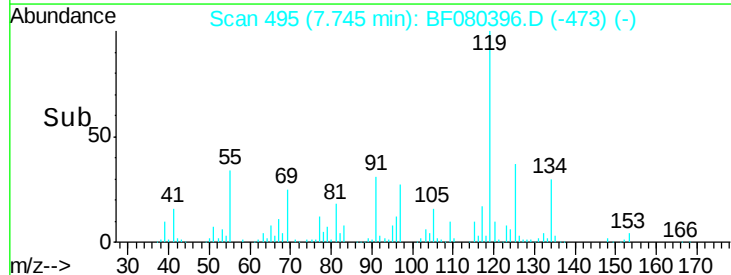
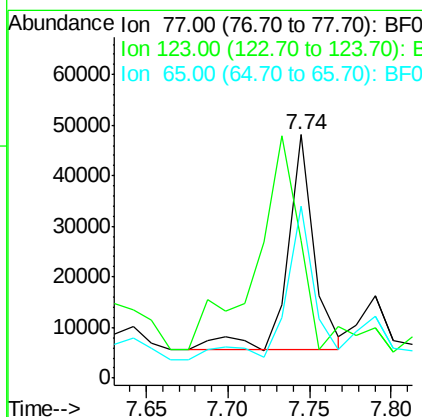
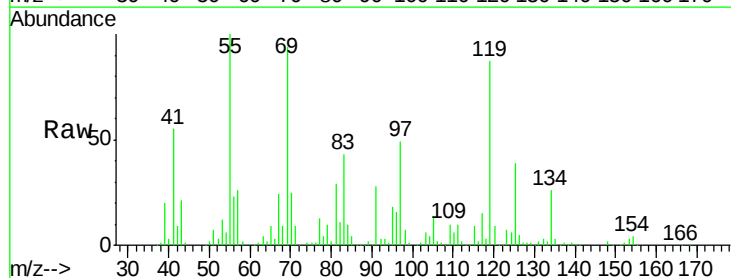
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 SB-02-6.5-7.0-070115

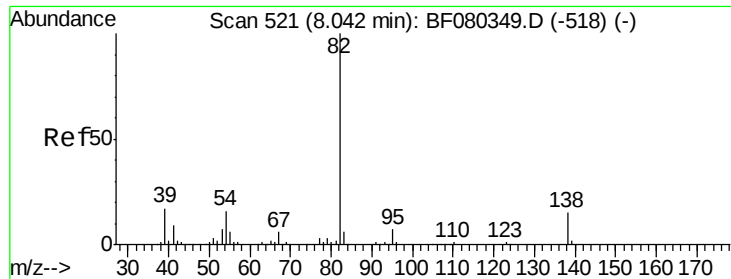
Tgt Ion: 82 Resp: 269930
 Ion Ratio Lower Upper
 82 100
 128 41.1 38.4 57.6
 54 47.5 38.2 57.2



#24
 Nitrobenzene
 Concen: 24.75 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.05 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Tgt Ion: 77 Resp: 48598
 Ion Ratio Lower Upper
 77 100
 123 56.4 29.6 44.4#
 65 70.8 11.1 16.7#





#25

Isophorone

Concen: 44.24 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

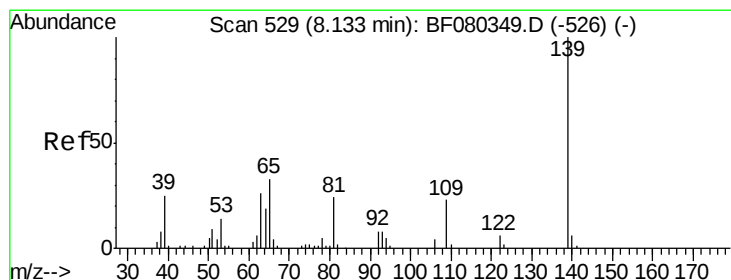
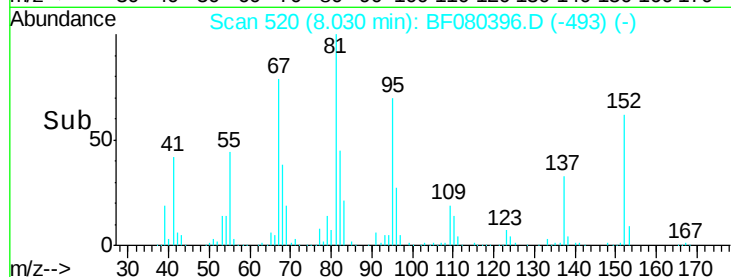
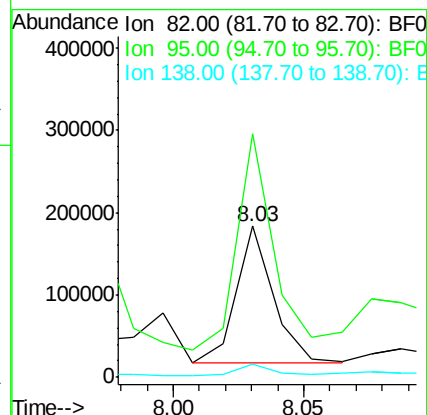
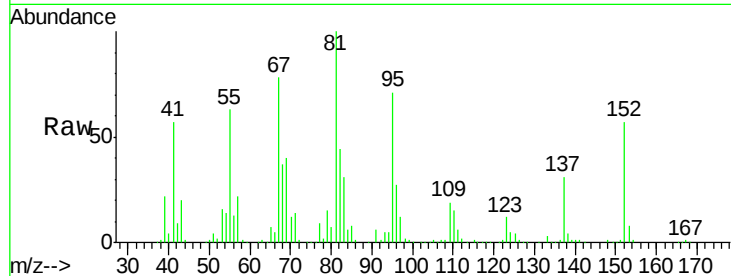
Tgt Ion: 82 Resp: 166419

Ion Ratio Lower Upper

82 100

95 161.2 5.2 7.8#

138 8.4 12.0 18.0#



#26

2-Nitrophenol

Concen: 24.31 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

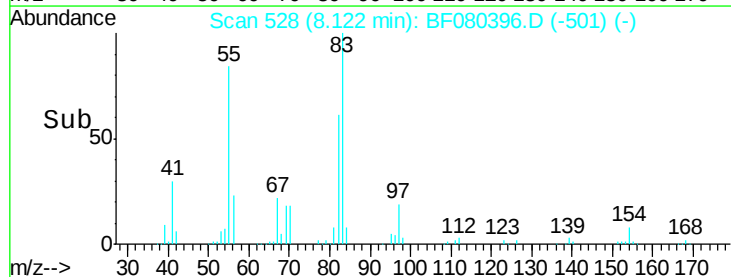
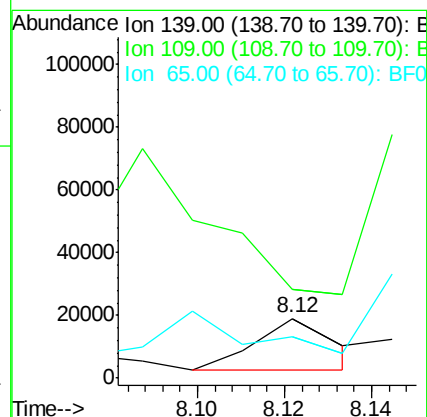
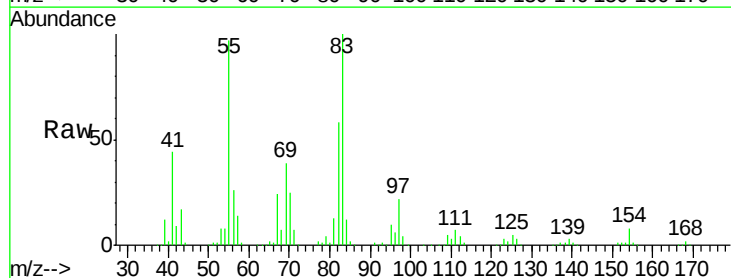
Tgt Ion: 139 Resp: 20658

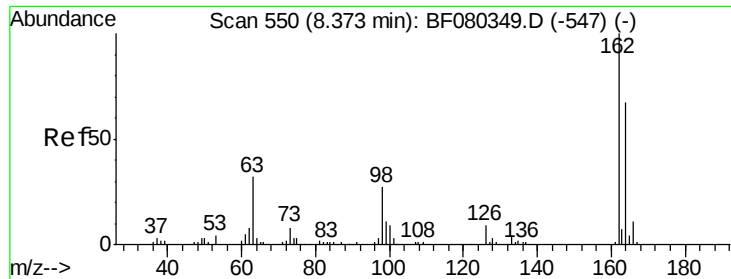
Ion Ratio Lower Upper

139 100

109 148.0 18.4 27.6#

65 68.2 26.7 40.1#

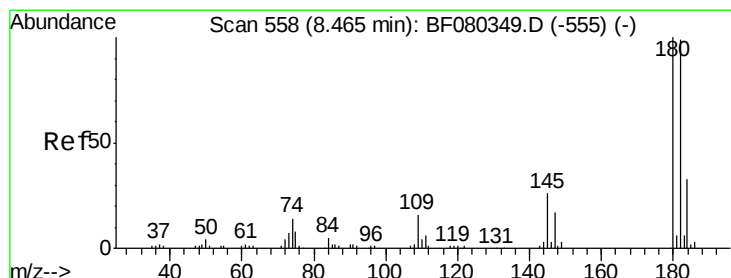
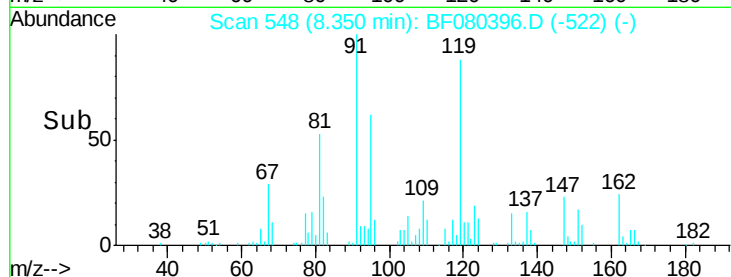
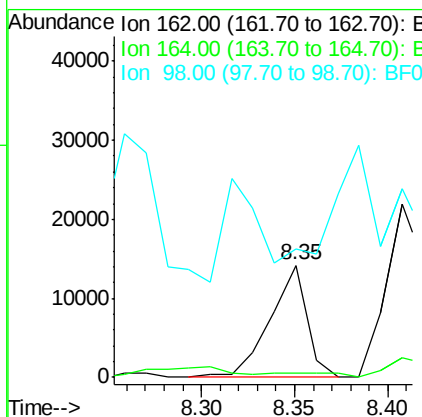
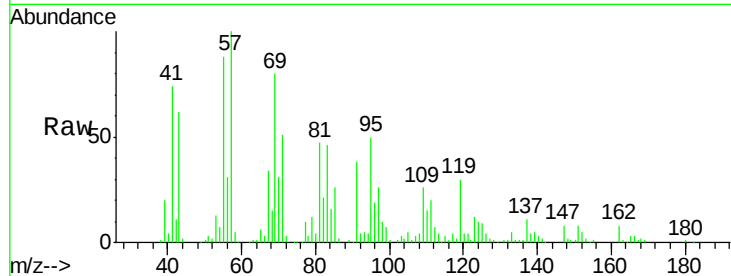




#29
2,4-Dichlorophenol
Concen: 13.26 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

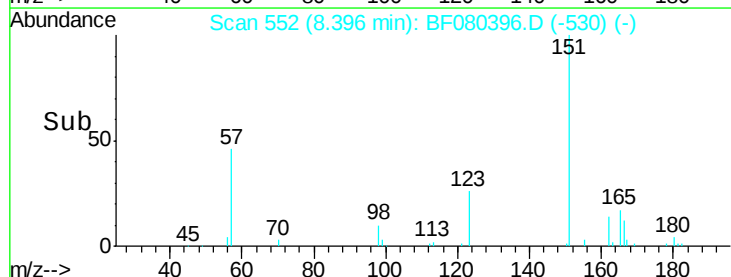
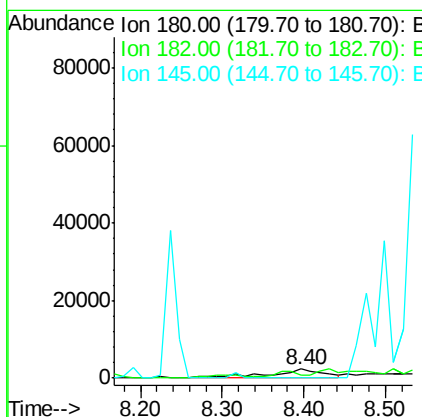
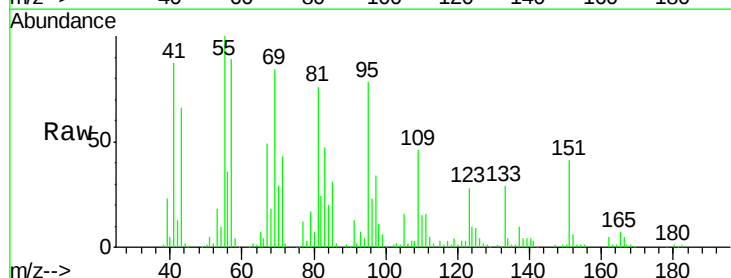
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

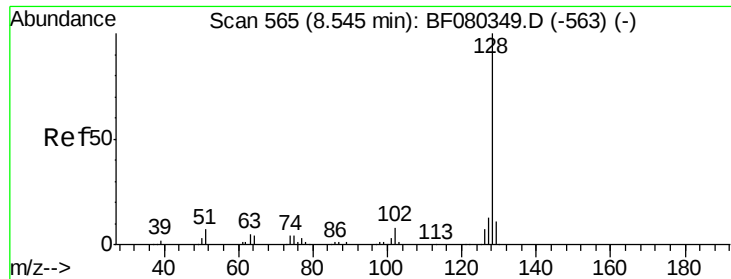
Tgt Ion:162 Resp: 19683
Ion Ratio Lower Upper
162 100
164 3.9 47.0 87.0#
98 114.9 6.6 46.6#



#30
1,2,4-Trichlorobenzene
Concen: 6.13 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.05 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:180 Resp: 10821
Ion Ratio Lower Upper
180 100
182 38.1 79.0 118.4#
145 0.0 20.5 30.7#

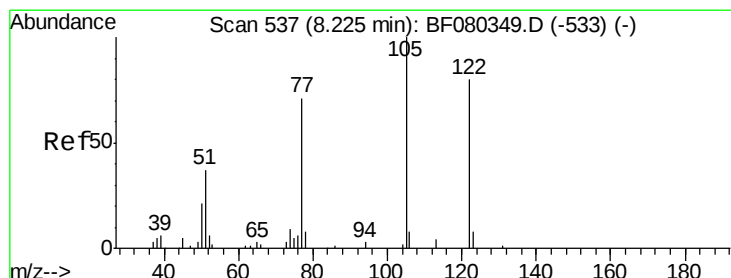
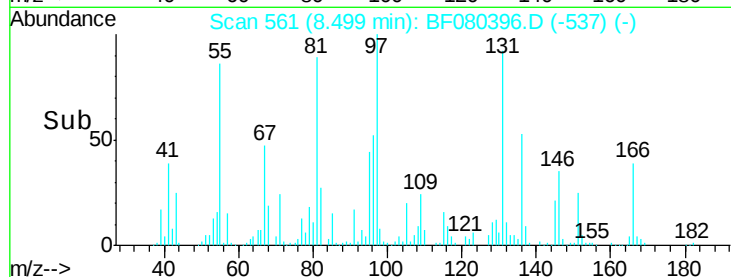
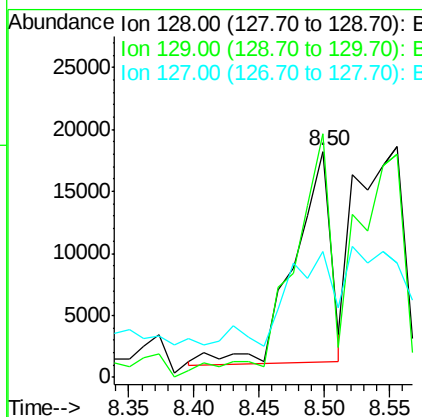
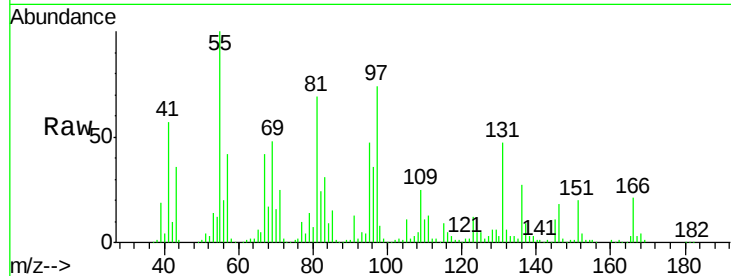




#31
Naphthalene
Concen: 5.64 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

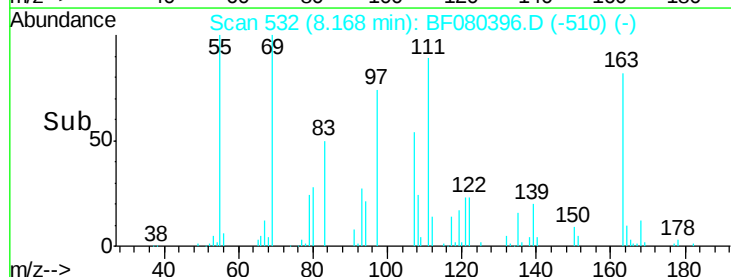
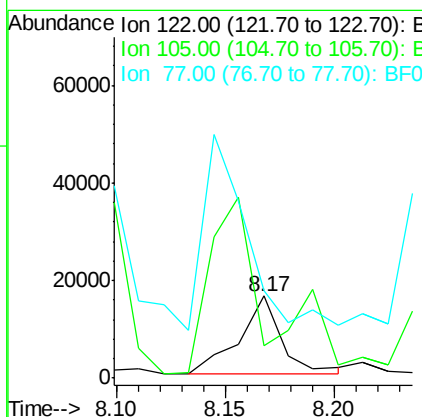
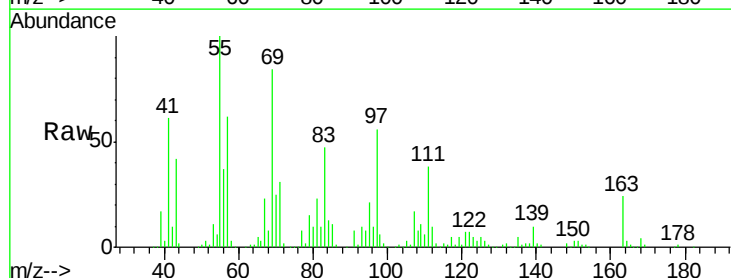
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

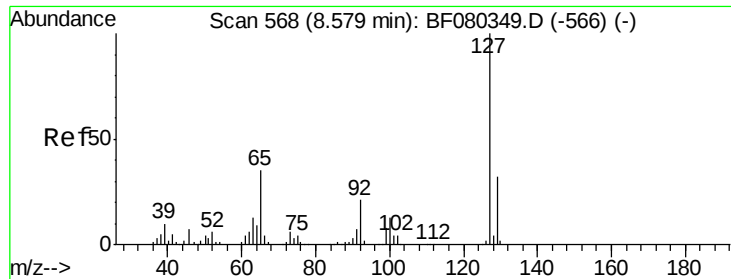
Tgt Ion:128 Resp: 33005
Ion Ratio Lower Upper
128 100
129 107.8 8.8 13.2#
127 55.9 10.4 15.6#



#32
Benzoic acid
Concen: 29.36 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:122 Resp: 22123
Ion Ratio Lower Upper
122 100
105 39.3 102.2 142.2#
77 107.1 68.8 108.8

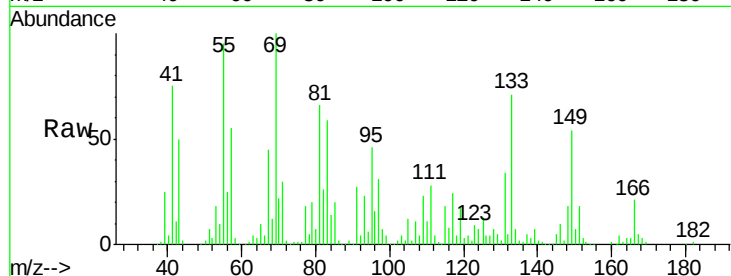




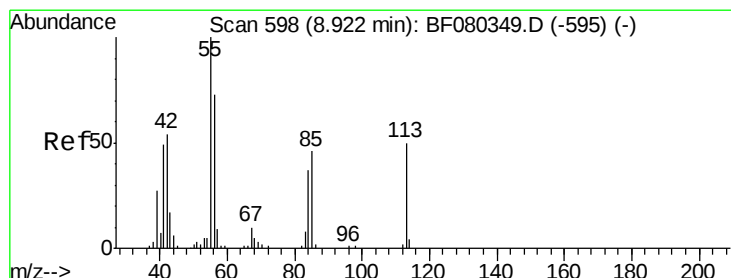
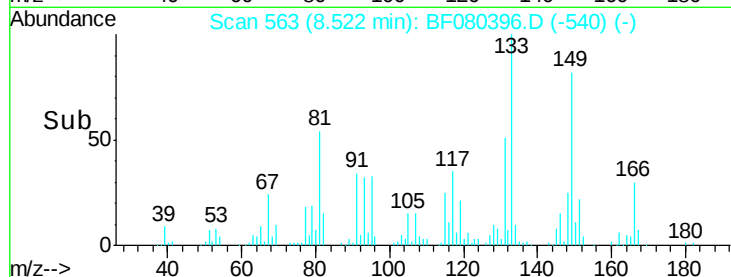
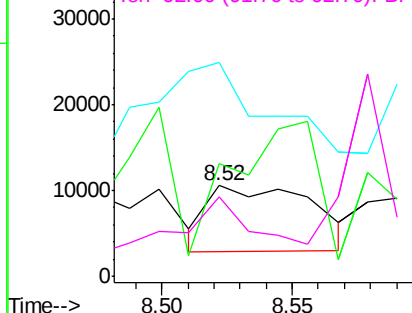
#33
4-Chloroaniline
Concen: 9.08 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.03 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

Tgt Ion:127 Resp: 21164
Ion Ratio Lower Upper
127 100
129 124.5 26.2 39.2#
65 236.0 28.1 42.1#
92 88.1 16.6 24.8#

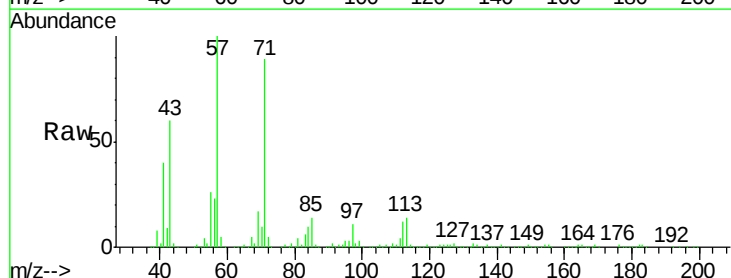


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

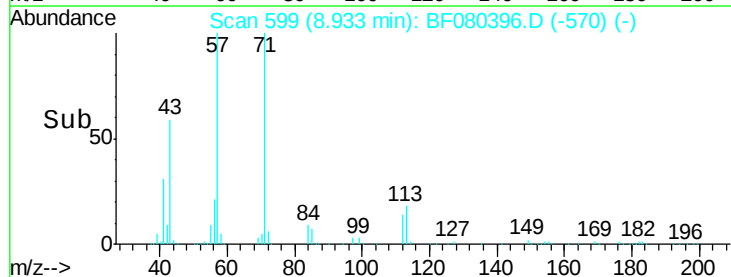
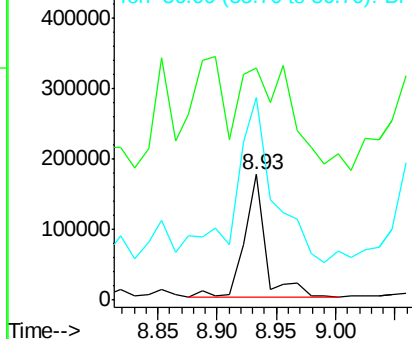


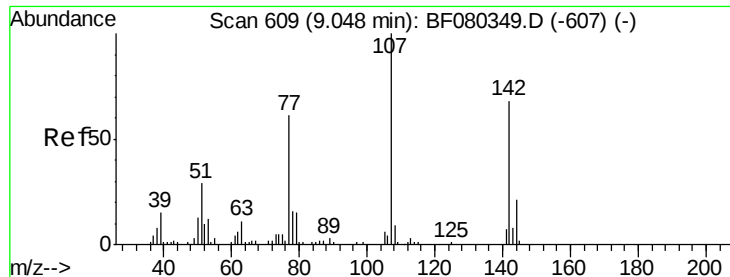
#35
Caprolactam
Concen: 476.98 ng
RT: 8.93 min Scan# 599
Delta R.T. 0.03 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:113 Resp: 218629
Ion Ratio Lower Upper
113 100
55 184.7 181.4 221.4
56 161.3 127.3 167.3



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

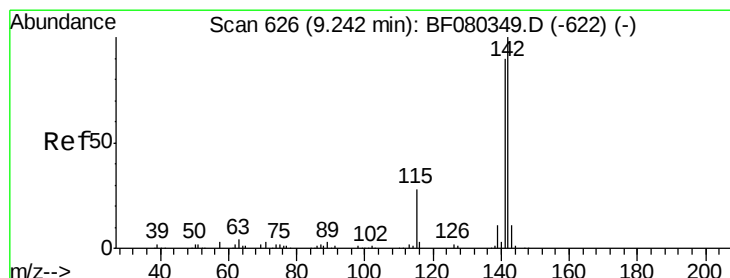
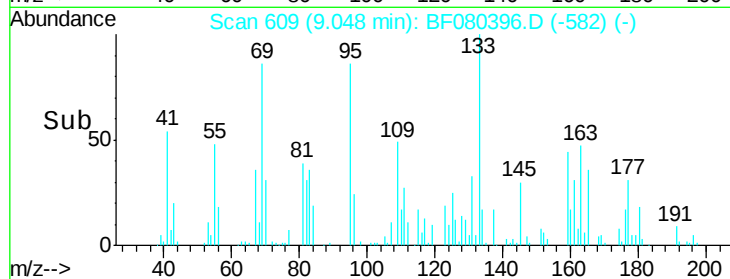
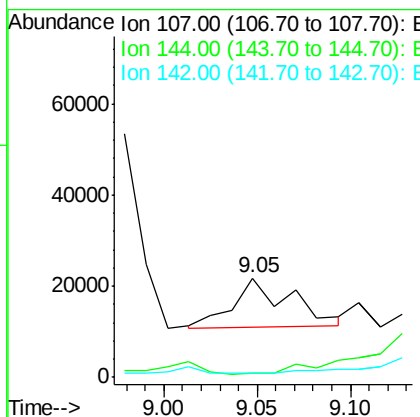
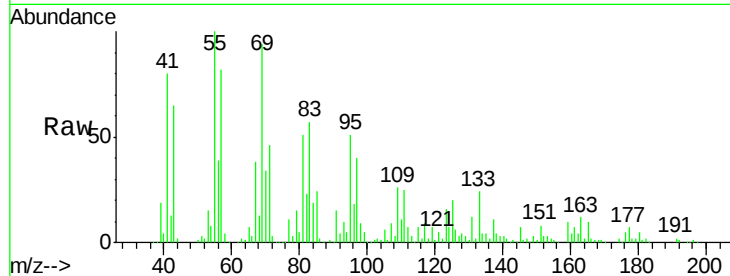




#36
4-Chloro-3-methylphenol
Concen: 15.31 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

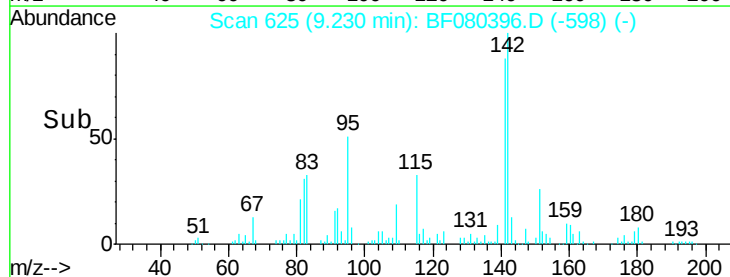
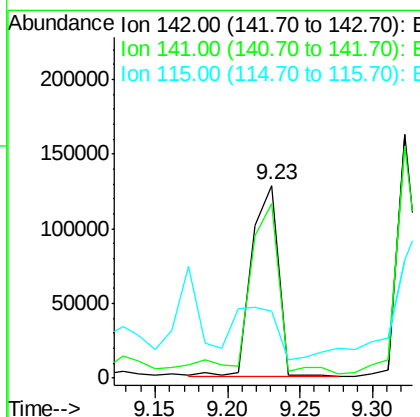
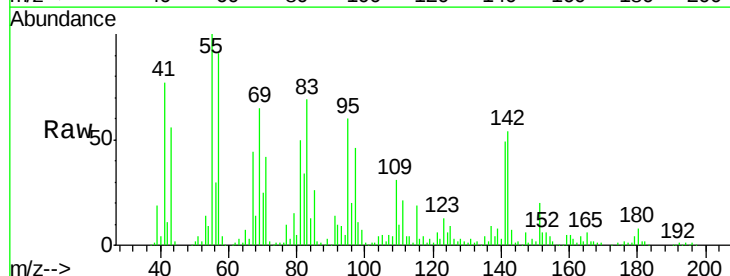
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

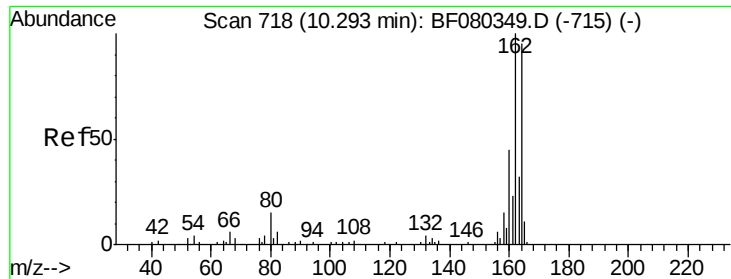
Tgt Ion:107 Resp: 23452
Ion Ratio Lower Upper
107 100
144 3.9 16.7 25.1#
142 4.2 54.4 81.6#



#37
2-Methylnaphthalene
Concen: 44.22 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:142 Resp: 164846
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.8
115 34.7 22.6 34.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

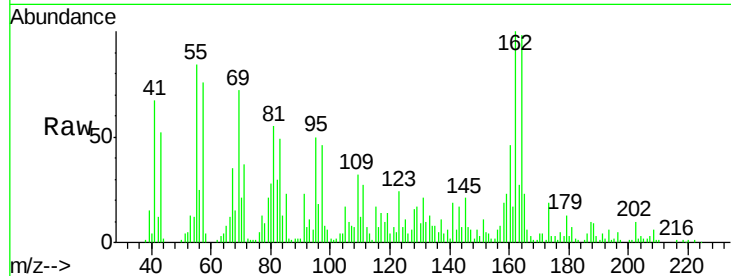
Tgt Ion:164 Resp: 75521

Ion Ratio Lower Upper

164 100

162 101.6 84.5 126.7

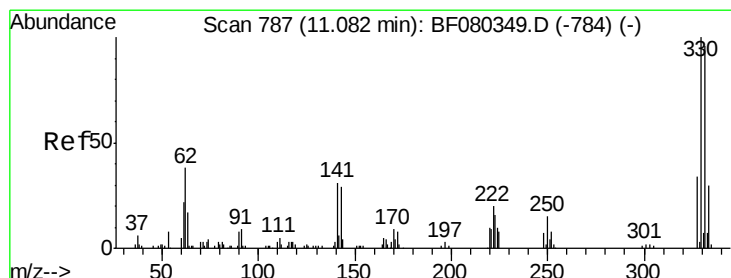
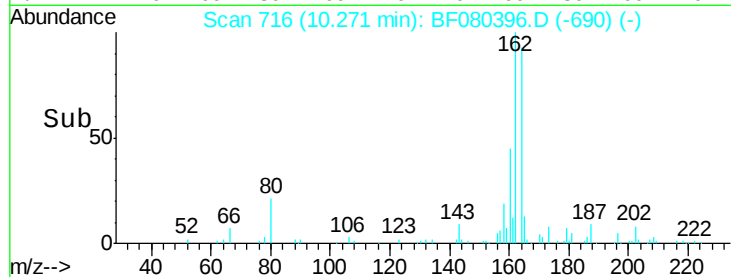
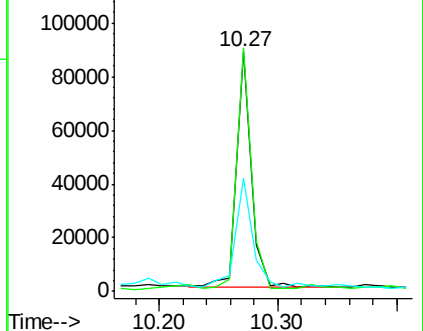
160 47.0 37.7 56.5



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: 105.05 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

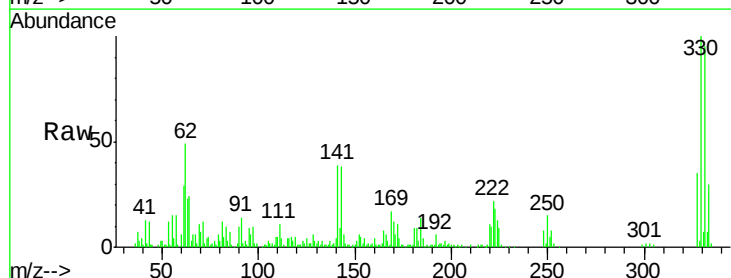
Tgt Ion:330 Resp: 83010

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

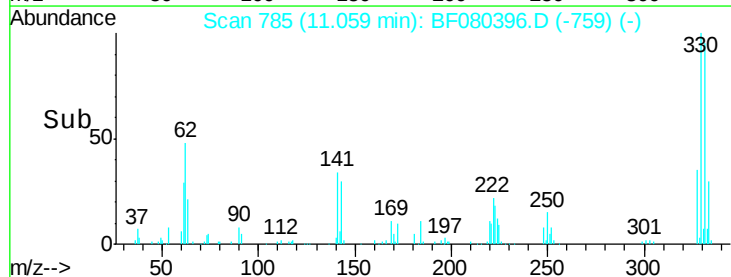
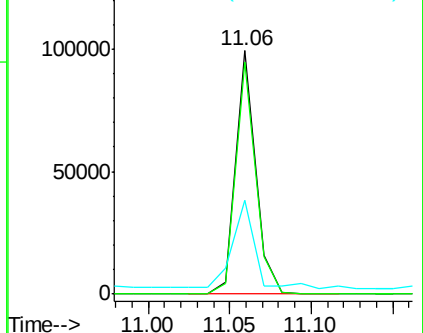
141 38.4 29.6 44.4

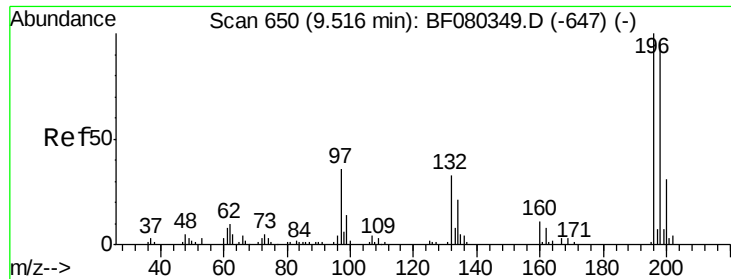


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

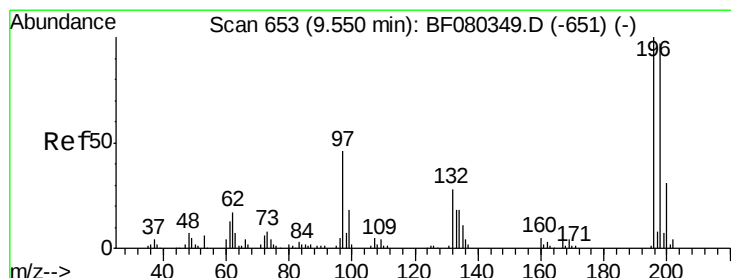
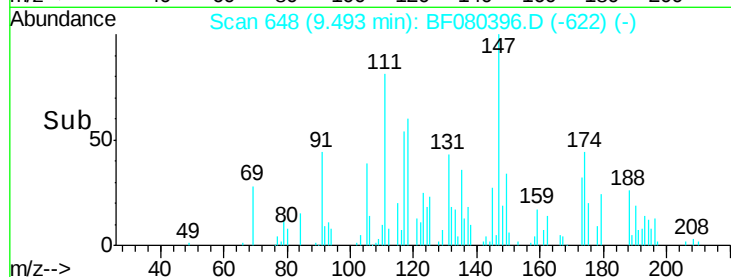
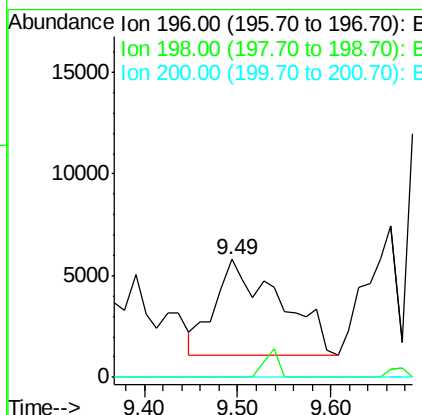
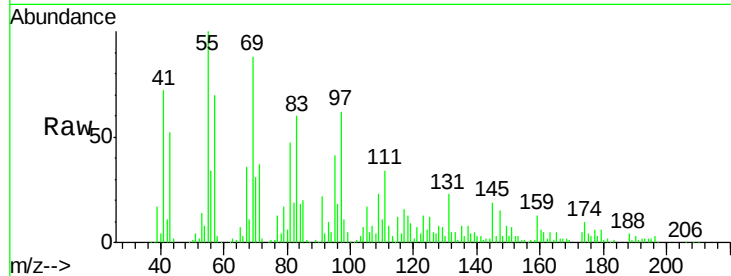




#42
 2,4,6-Trichlorophenol
 Concen: 14.43 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

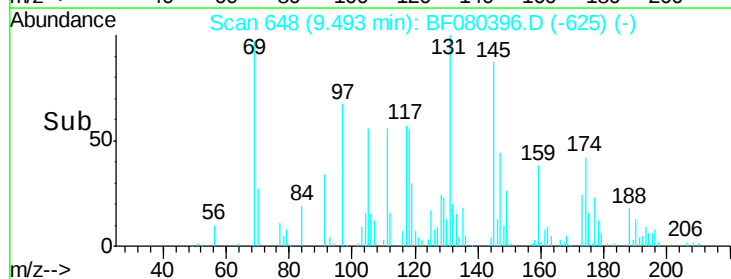
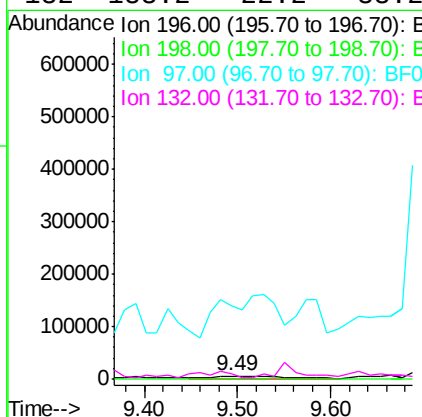
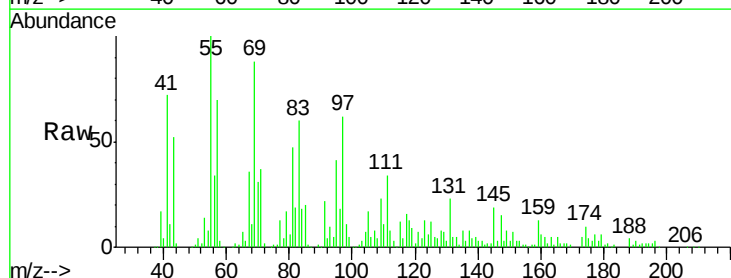
Instrument :
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 ClientSampleId :
 SB-02-6.5-7.0-070115

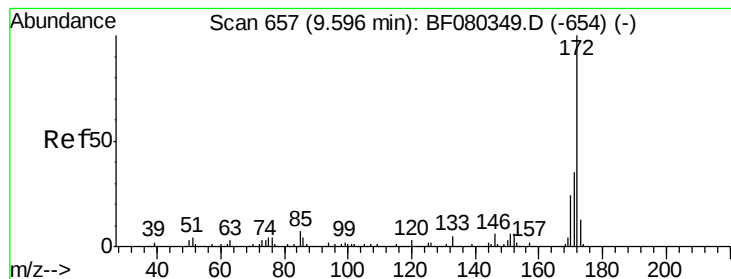
Tgt Ion:196 Resp: 22750
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.4 114.6#
 200 0.0 24.6 37.0#



#43
 2,4,5-Trichlorophenol
 Concen: 12.38 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Tgt Ion:196 Resp: 22750
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.2 115.8#
 97 2399.7 37.0 55.6#
 132 183.2 22.2 33.2#

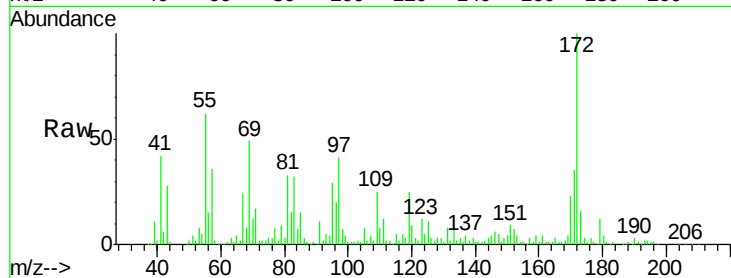




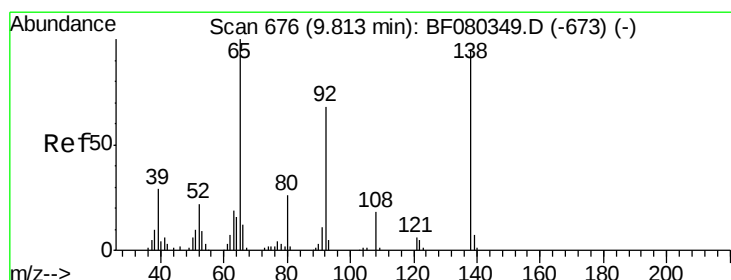
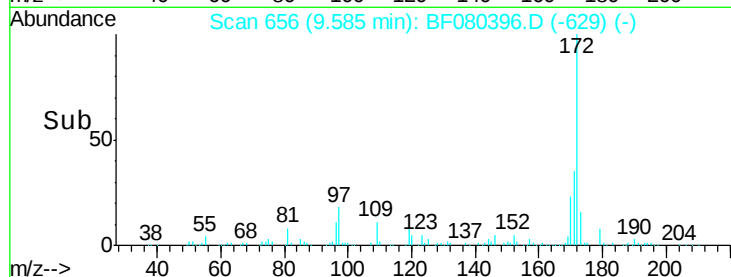
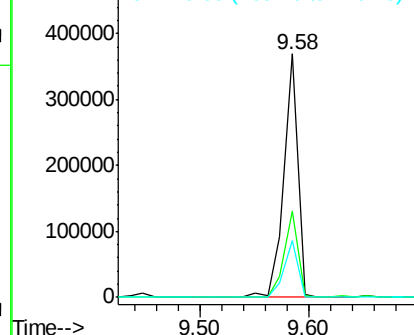
#44
 2-Fluorobiphenyl
 Concen: 58.46 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Tgt Ion: 172 Resp: 327138
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.4 19.1 28.7

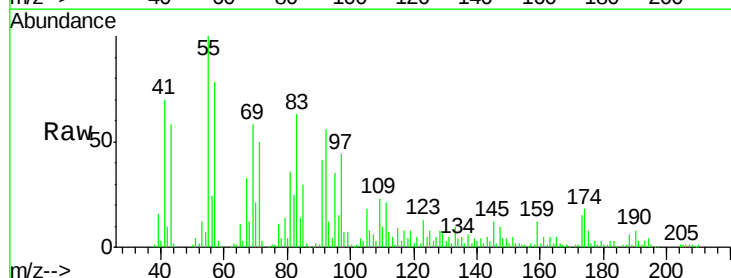


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

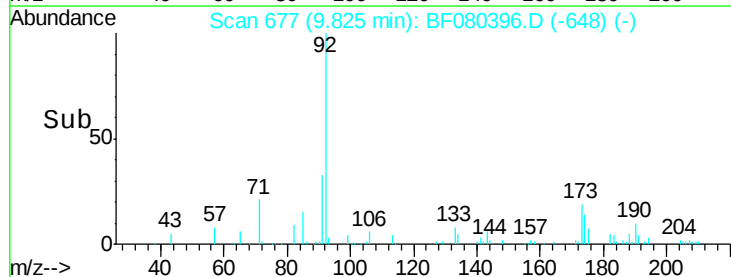
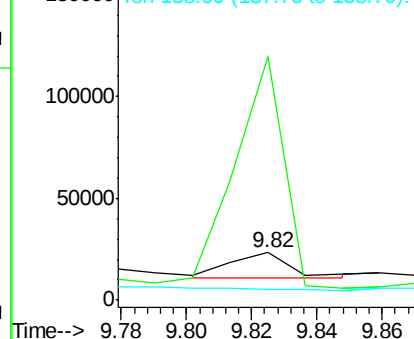


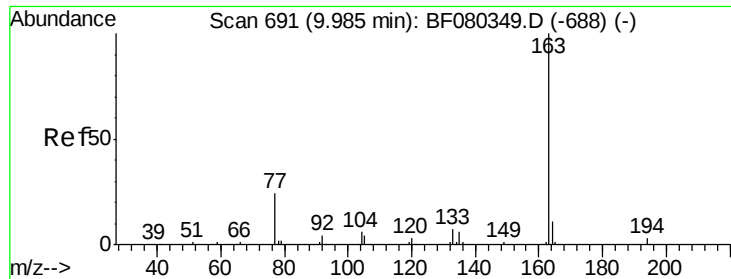
#47
 2-Nitroaniline
 Concen: 11.02 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.03 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Tgt Ion: 65 Resp: 15756
 Ion Ratio Lower Upper
 65 100
 92 513.1 54.2 81.2#
 138 22.6 76.1 114.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

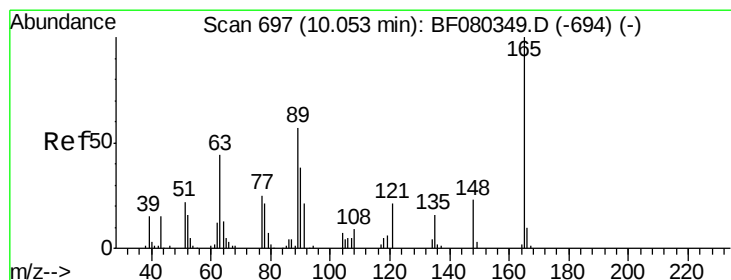
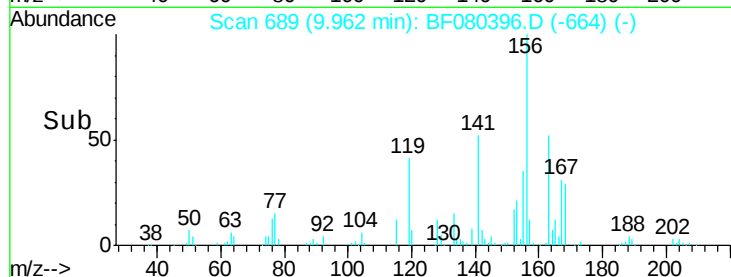
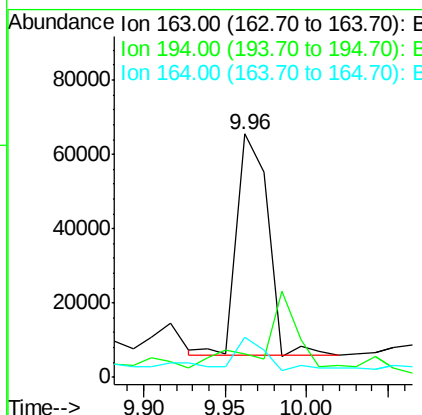
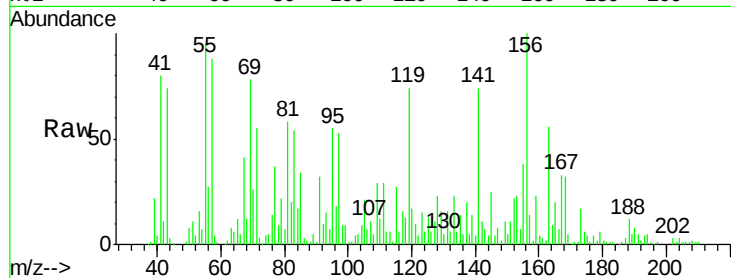




#49
Dimethylphthalate
Concen: 12.80 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

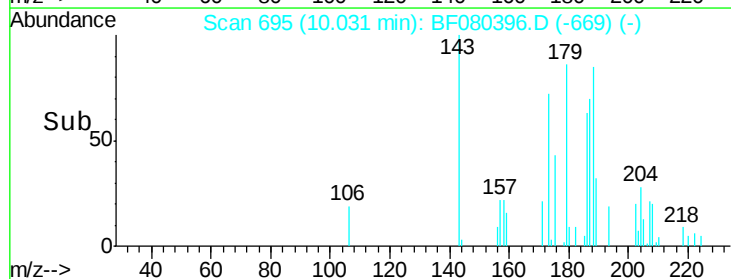
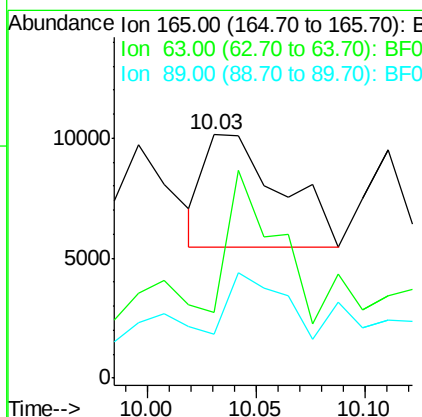
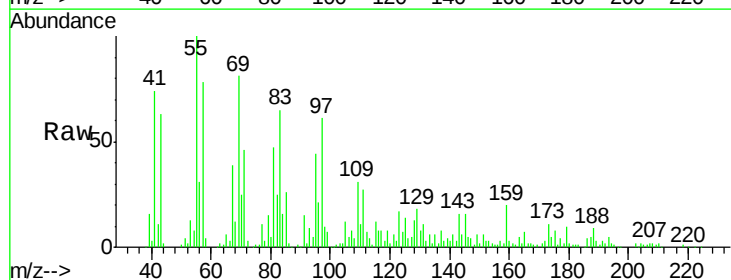
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

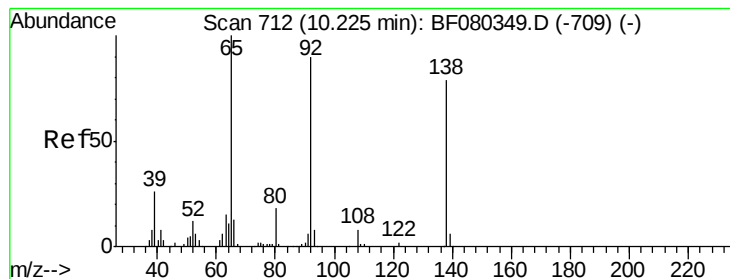
Tgt Ion:163 Resp: 77611
Ion Ratio Lower Upper
163 100
194 9.5 2.6 3.8#
164 16.2 8.5 12.7#



#50
2,6-Dinitrotoluene
Concen: 8.99 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:165 Resp: 11395
Ion Ratio Lower Upper
165 100
63 26.9 44.8 67.2#
89 17.8 45.9 68.9#





#52

3-Nitroaniline

Concen: 9.00 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.02 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

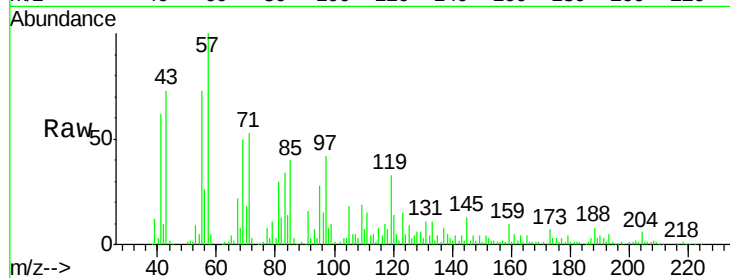
Tgt Ion:138 Resp: 12858

Ion Ratio Lower Upper

138 100

108 57.3 7.8 11.8#

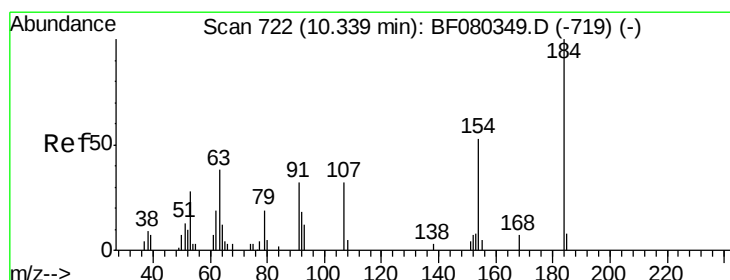
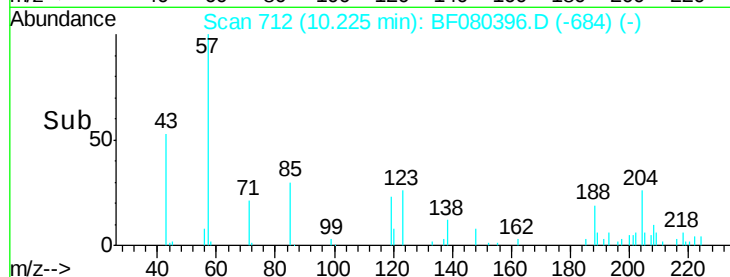
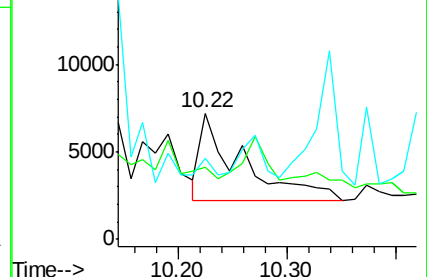
92 63.8 91.0 136.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 17.43 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.24 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

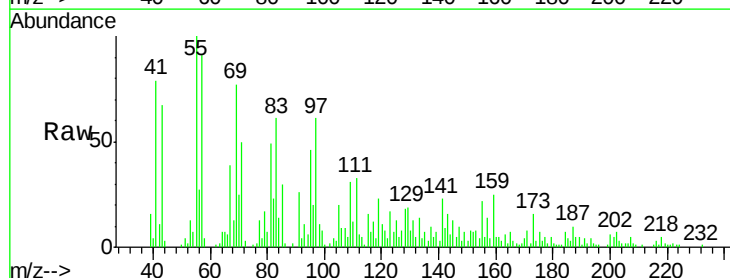
Tgt Ion:184 Resp: 5965

Ion Ratio Lower Upper

184 100

63 35.5 30.6 46.0

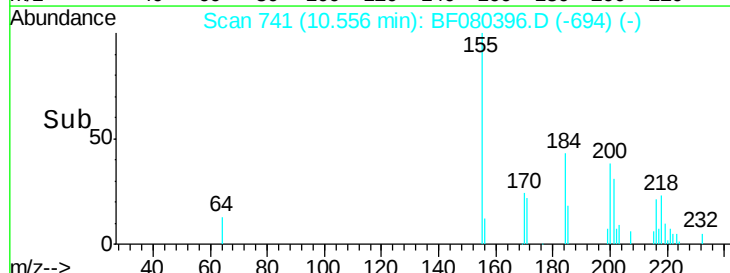
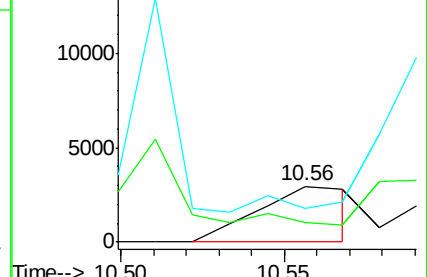
154 61.1 45.3 67.9

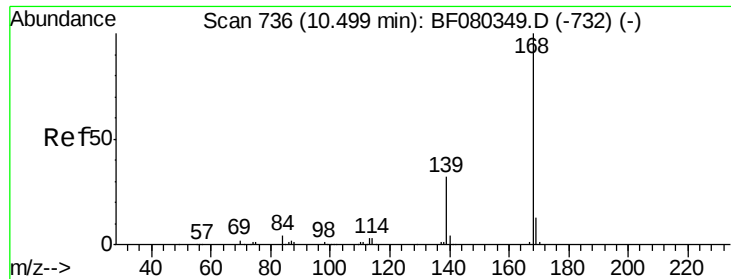


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

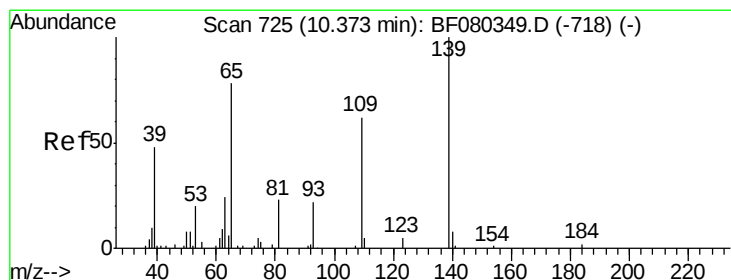
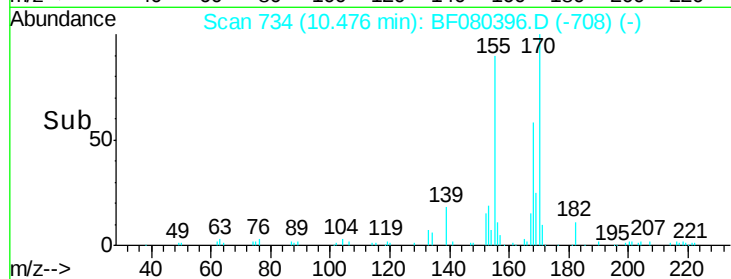
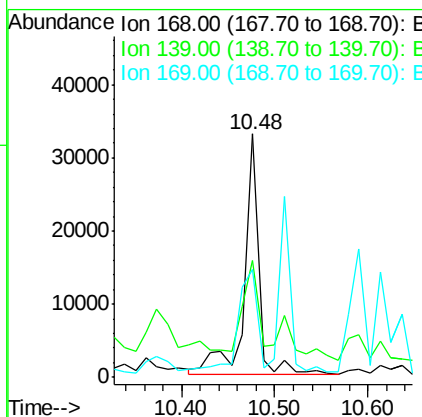
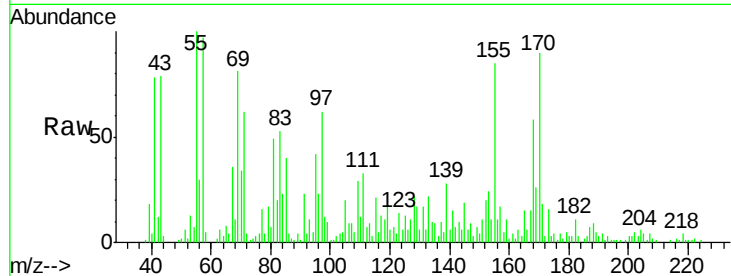




#54
Dibenzofuran
Concen: 4.88 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

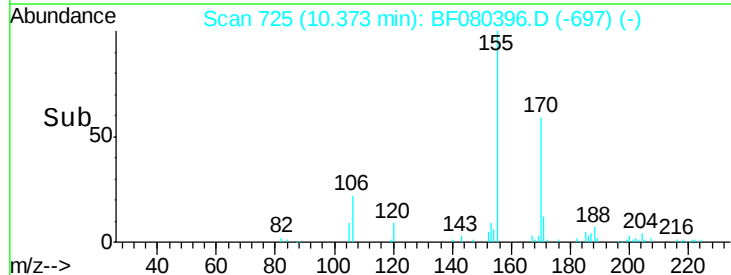
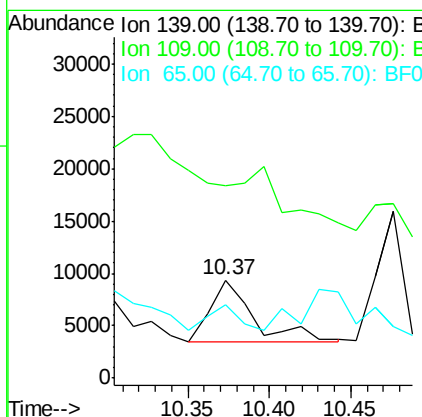
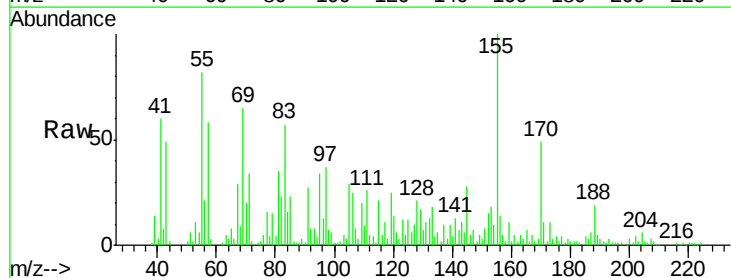
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

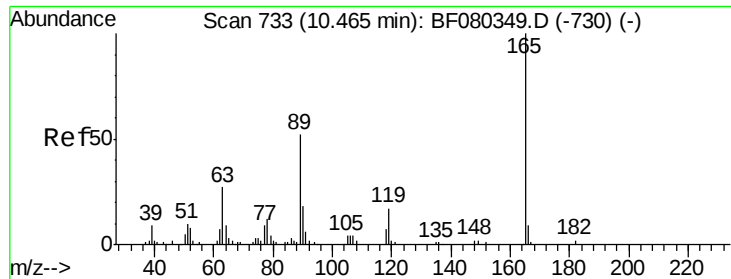
Tgt Ion:168 Resp: 35315
Ion Ratio Lower Upper
168 100
139 48.0 25.9 38.9#
169 44.4 10.3 15.5#



#55
4-Nitrophenol
Concen: 10.22 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.02 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:139 Resp: 10703
Ion Ratio Lower Upper
139 100
109 196.8 42.3 82.3#
65 74.9 58.5 98.5

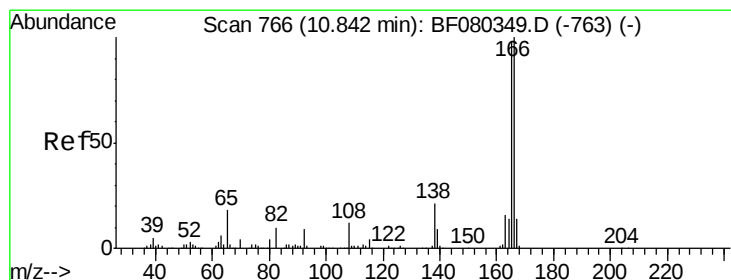
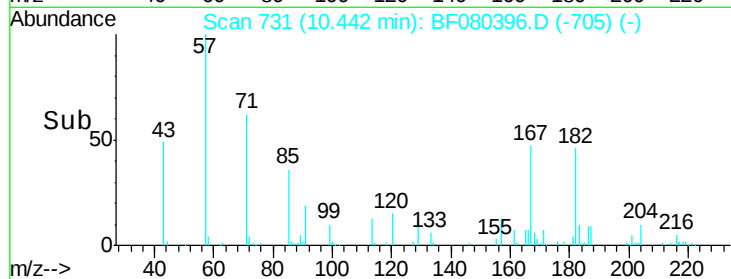
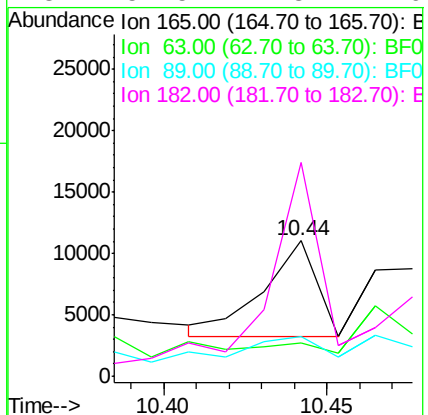
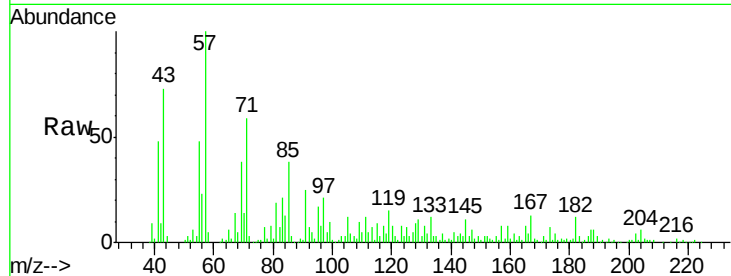




#56
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

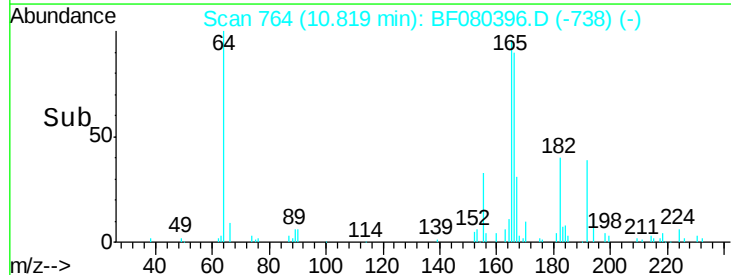
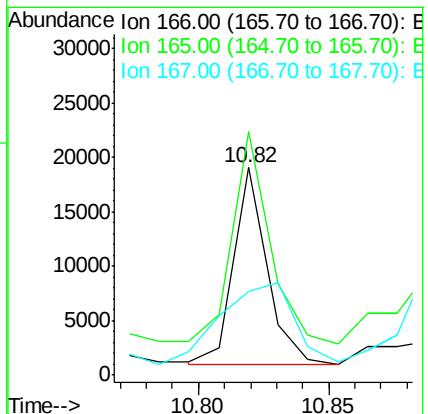
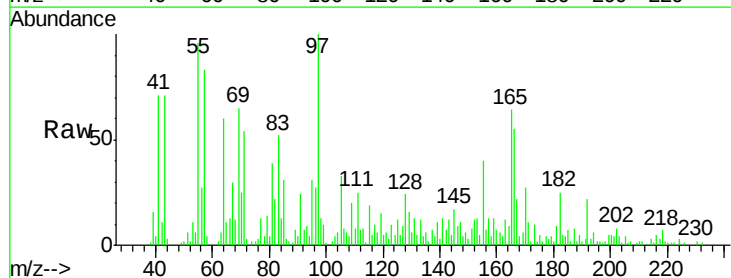
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0-070115

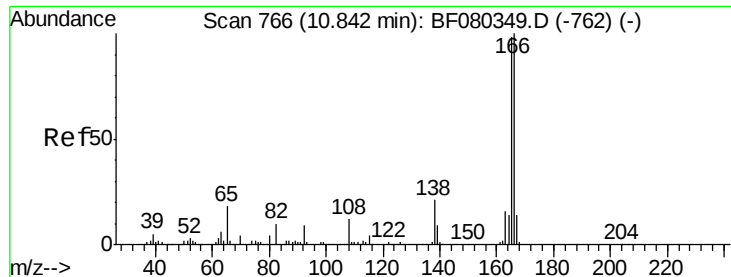
Tgt Ion:165 Resp: 8708
Ion Ratio Lower Upper
165 100
63 24.3 21.8 32.8
89 29.2 41.3 61.9#
182 157.5 1.8 2.6#



#57
Fluorene
Concen: 2.61 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF080396.D
Acq: 8 Jul 2015 19:20

Tgt Ion:166 Resp: 16245
Ion Ratio Lower Upper
166 100
165 117.4 78.6 117.8
167 40.5 10.8 16.2#





#61

4-Nitroaniline

Concen: 2.08 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.08 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

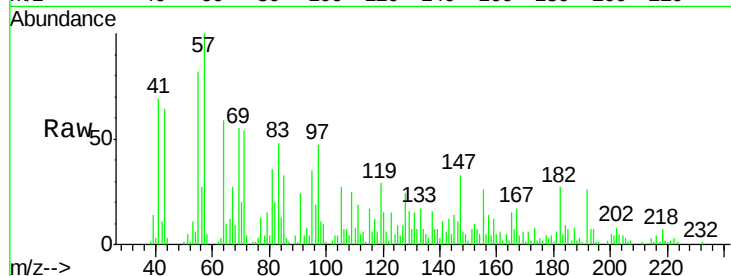
Tgt Ion:138 Resp: 2881

Ion Ratio Lower Upper

138 100

92 53.9 21.0 61.0

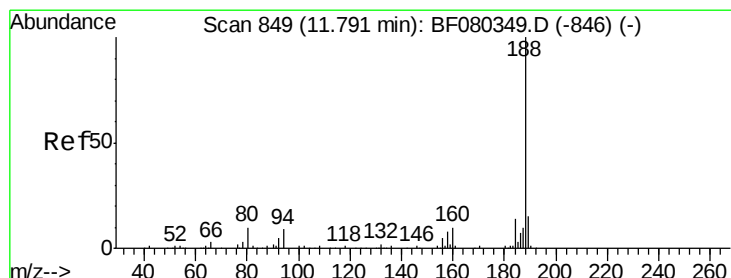
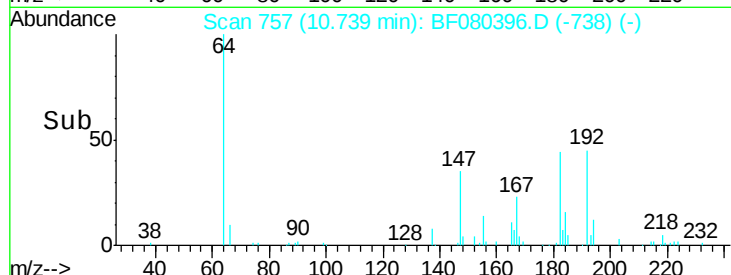
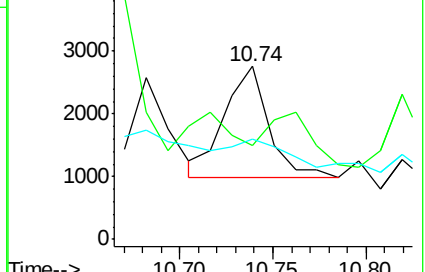
108 57.8 38.4 78.4



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: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

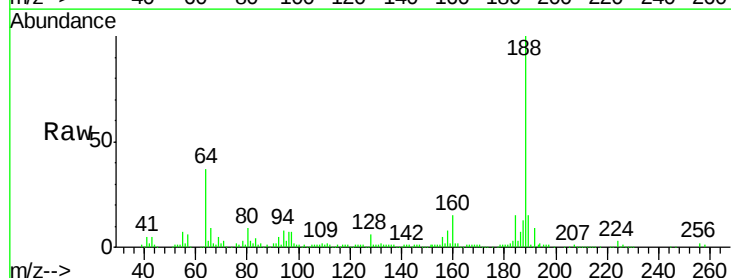
Tgt Ion:188 Resp: 157661

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

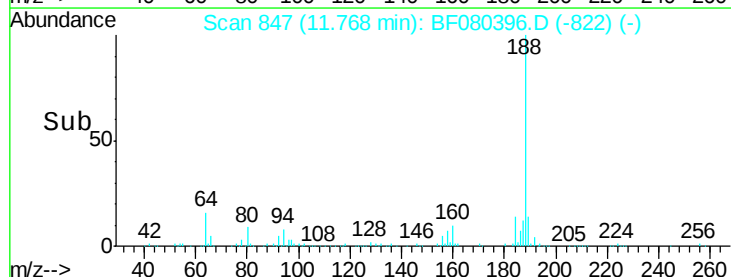
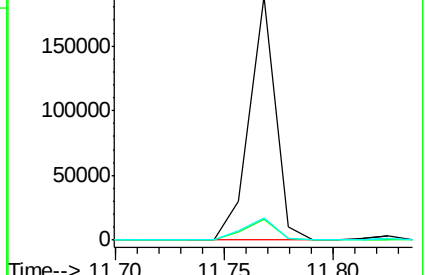
80 9.3 8.3 12.5

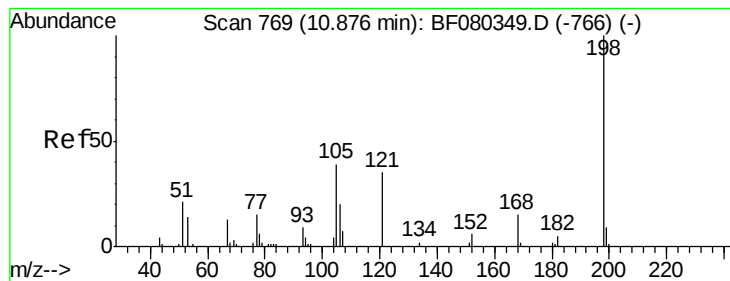


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.16 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

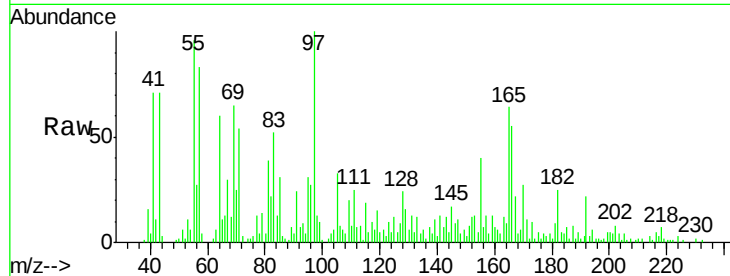
Tgt Ion:198 Resp: 892

Ion Ratio Lower Upper

198 100

51 271.1 17.0 57.0#

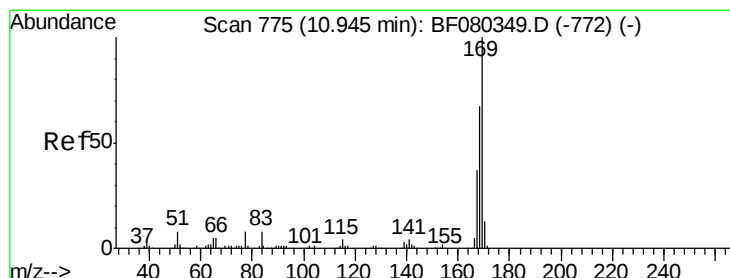
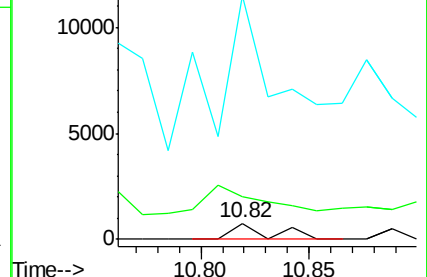
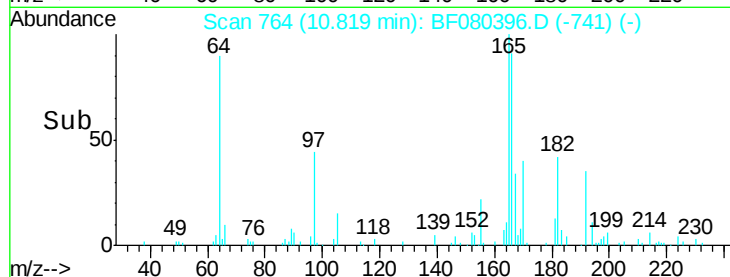
105 1544.5 20.9 60.9#



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: 7.77 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

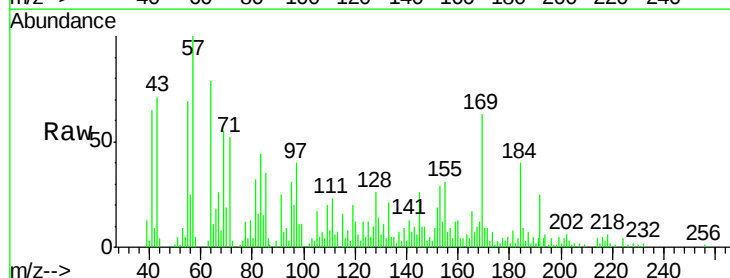
Tgt Ion:169 Resp: 39021

Ion Ratio Lower Upper

169 100

168 18.3 53.5 80.3#

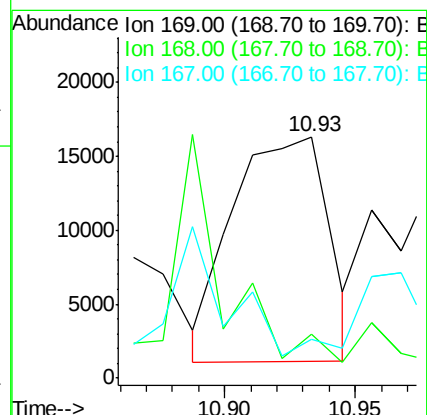
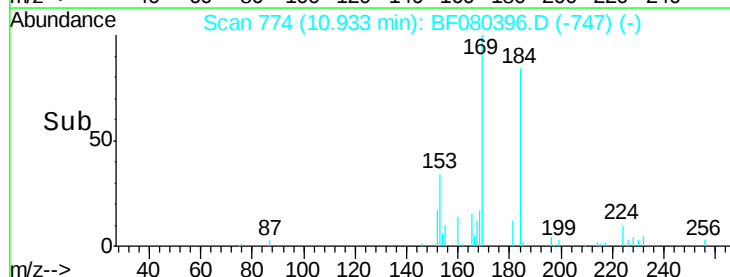
167 16.0 29.5 44.3#

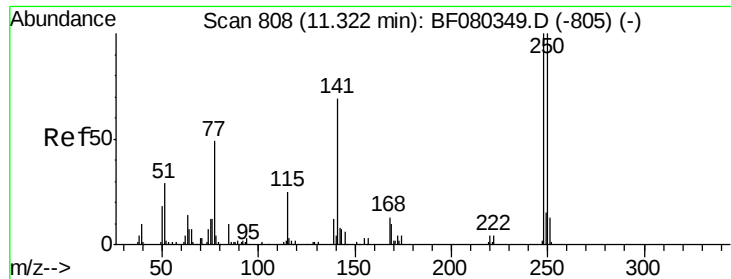


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

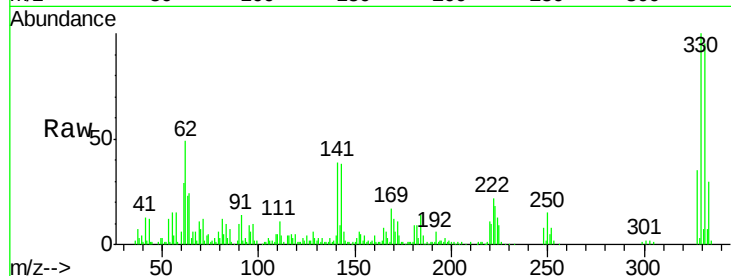




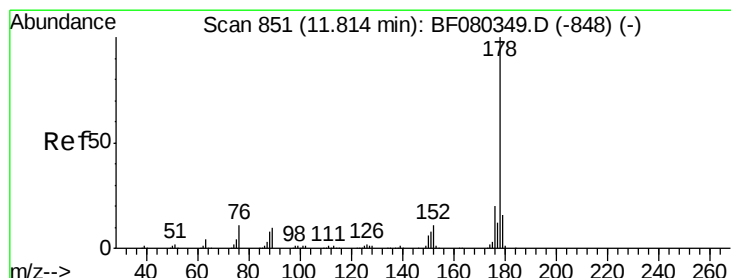
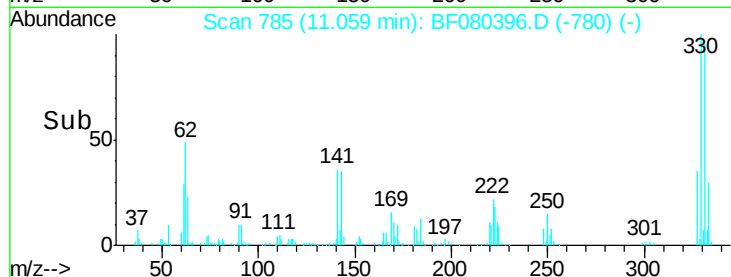
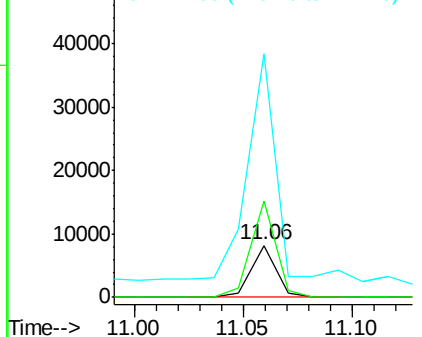
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.24 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Tgt Ion: 248 Resp: 6534
 Ion Ratio Lower Upper
 248 100
 250 185.3 80.0 120.0#
 141 470.0 54.8 82.2#

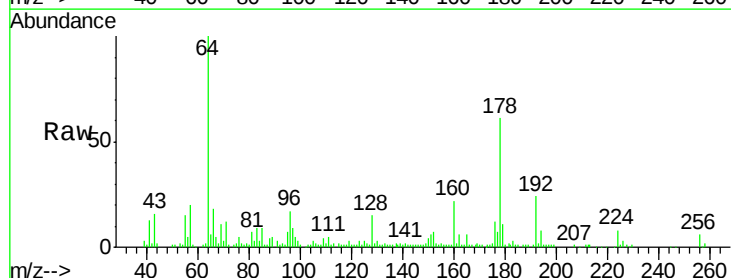


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

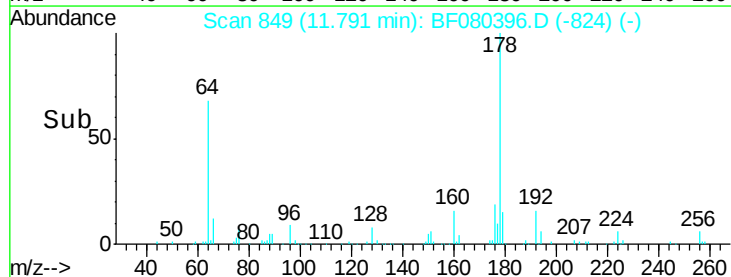
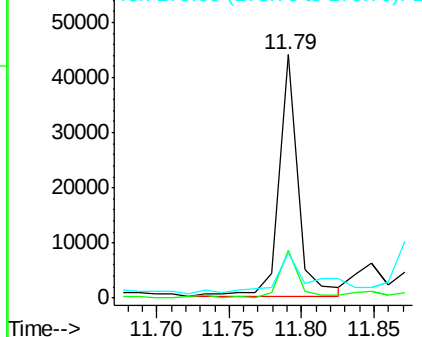


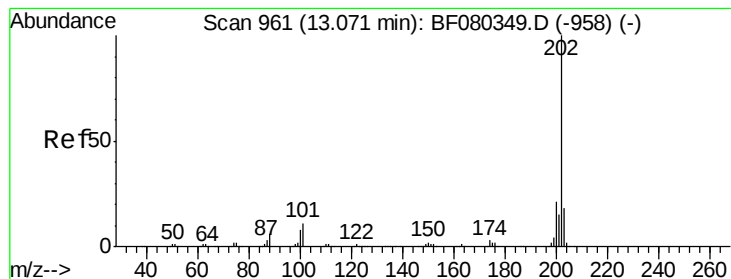
#70
 Phenanthrene
 Concen: 4.20 ng
 RT: 11.79 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Tgt Ion: 178 Resp: 39694
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.1 24.1
 179 18.5 12.6 18.8



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





#74

Fluoranthene

Concen: 3.34 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.05 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

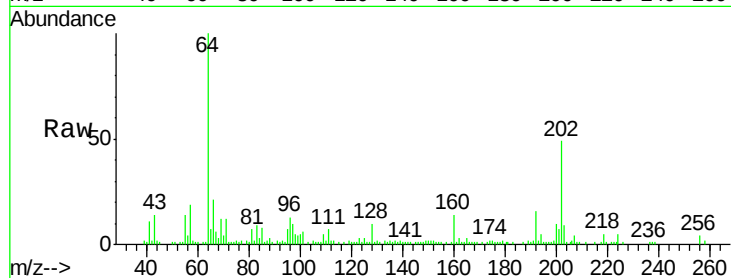
Tgt Ion:202 Resp: 33954

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.0

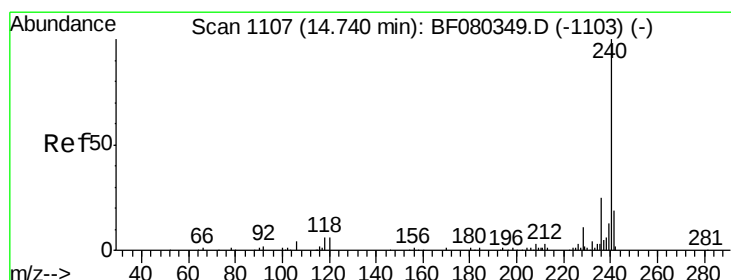
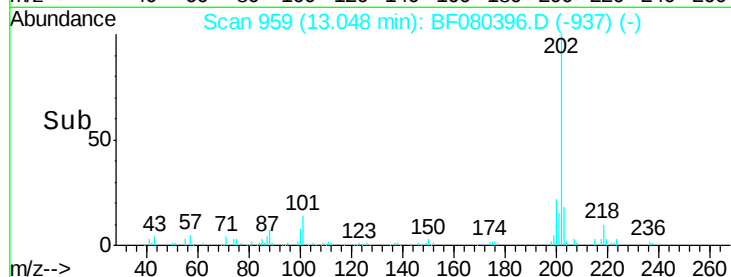
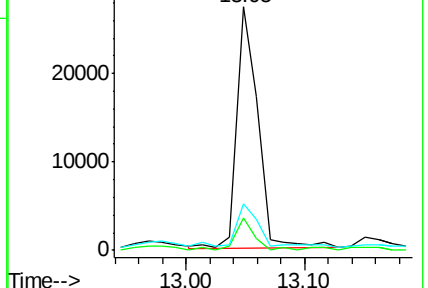
203 19.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.15 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

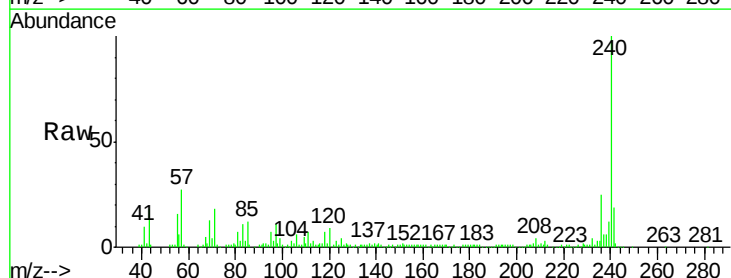
Tgt Ion:240 Resp: 165382

Ion Ratio Lower Upper

240 100

120 8.5 5.1 7.7#

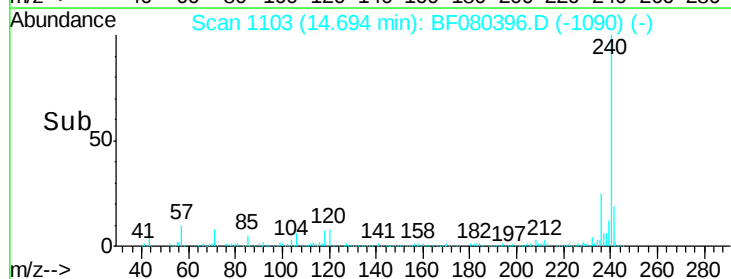
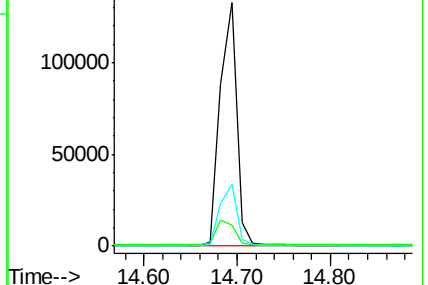
236 25.4 20.4 30.6

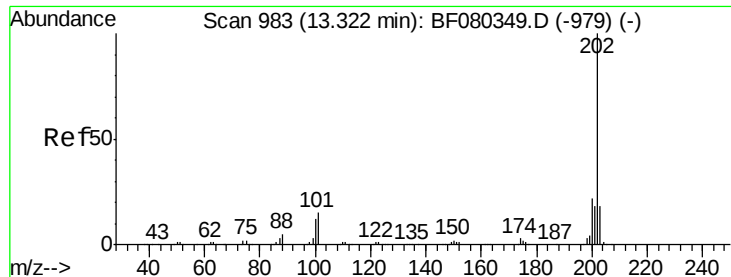


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

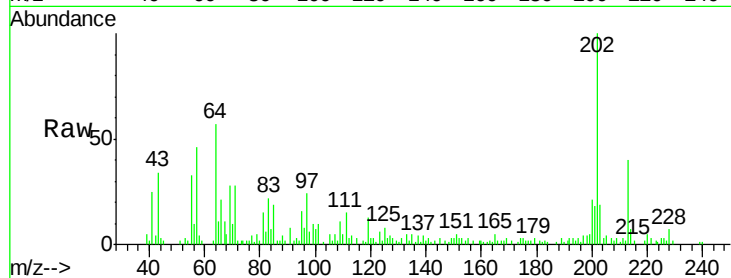




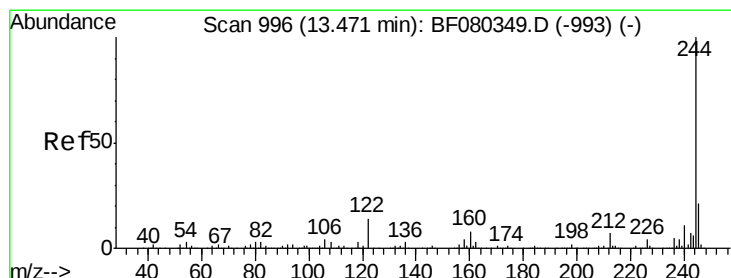
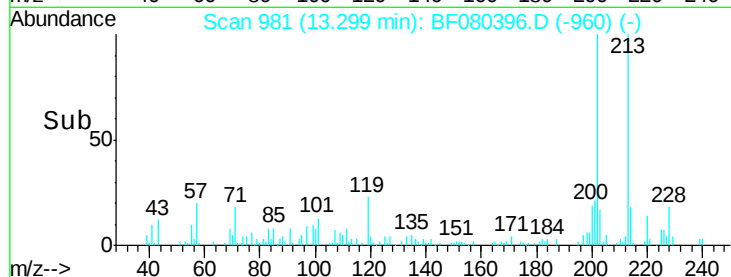
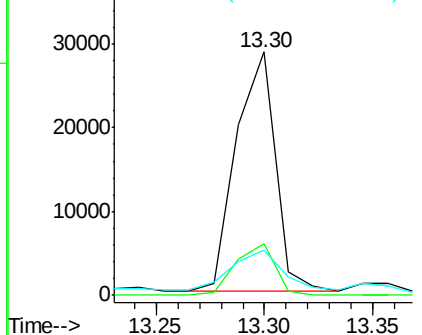
#77
 Pyrene
 Concen: 3.61 ng
 RT: 13.30 min Scan# 981
 Delta R.T. -0.06 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0-070115

Tgt Ion: 202 Resp: 36064
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.2 25.8
 203 18.7 14.3 21.5

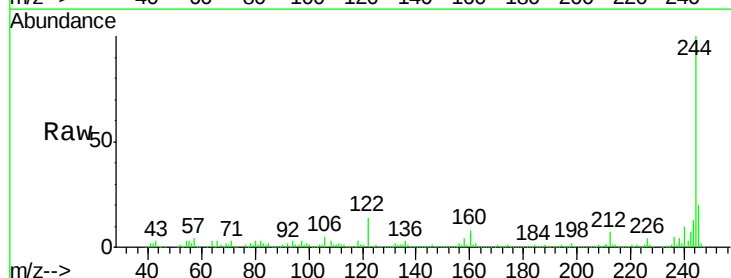


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

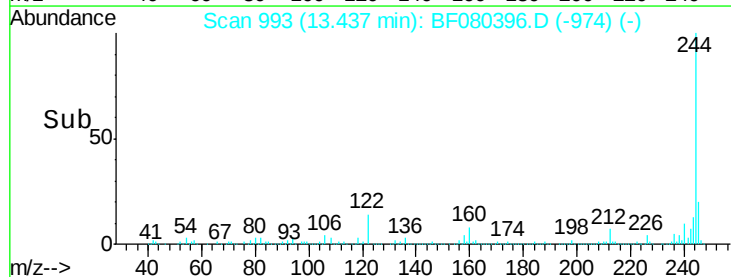
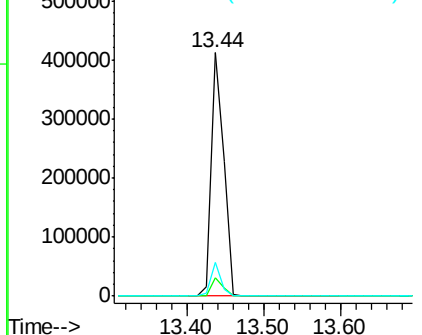


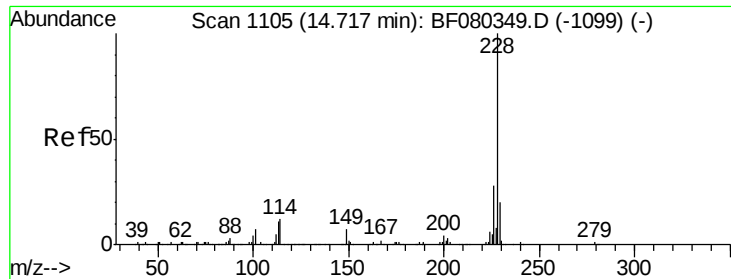
#78
 Terphenyl-d14
 Concen: 64.27 ng
 RT: 13.44 min Scan# 993
 Delta R.T. -0.08 min
 Lab File: BF080396.D
 Acq: 8 Jul 2015 19:20

Tgt Ion: 244 Resp: 455722
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.8 11.1 16.7



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





#80

Benzo(a)anthracene

Concen: 2.37 ng

RT: 14.67 min Scan# 1101

Delta R.T. -0.16 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

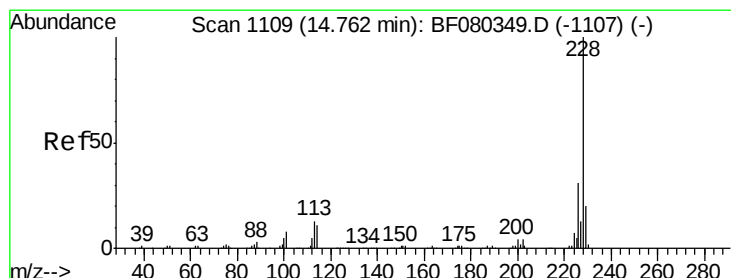
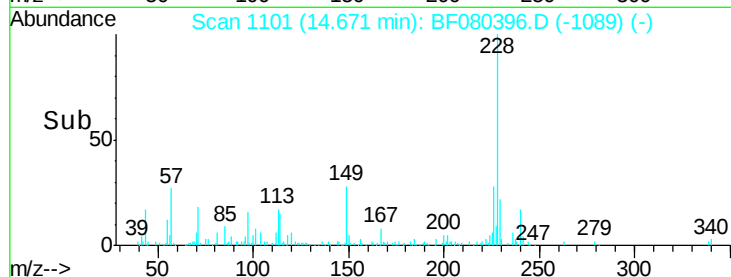
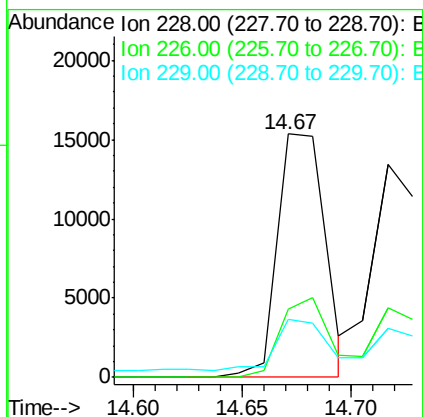
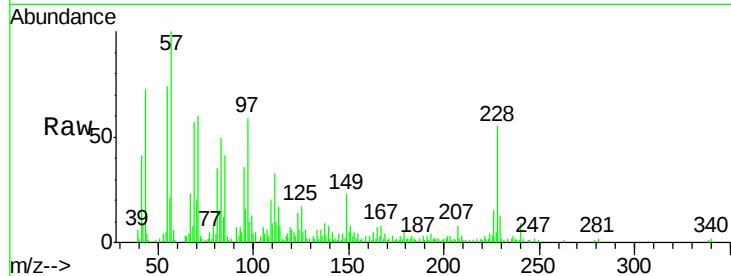
Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

Tgt Ion:	228	Resp:	23616
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	23.7	16.0	24.0



#82

Chrysene

Concen: 2.40 ng

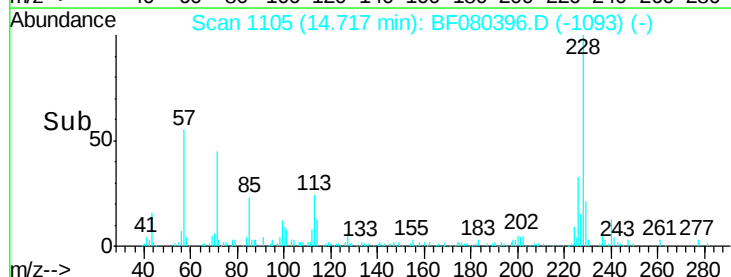
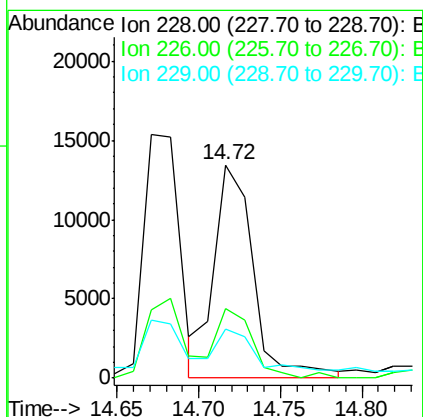
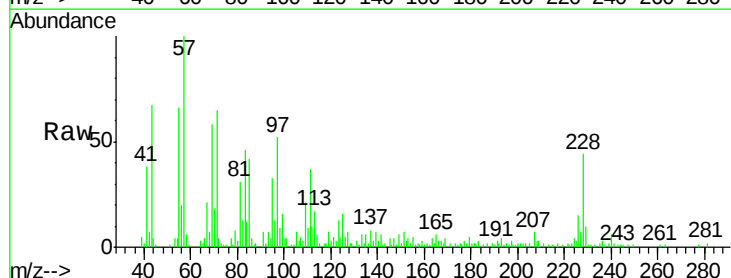
RT: 14.72 min Scan# 1105

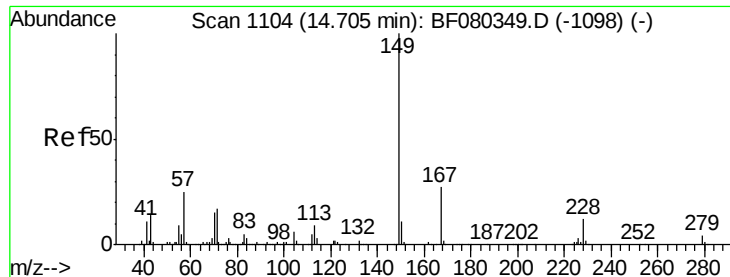
Delta R.T. -0.16 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Tgt Ion:	228	Resp:	22399
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.4
229	23.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.36 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.17 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

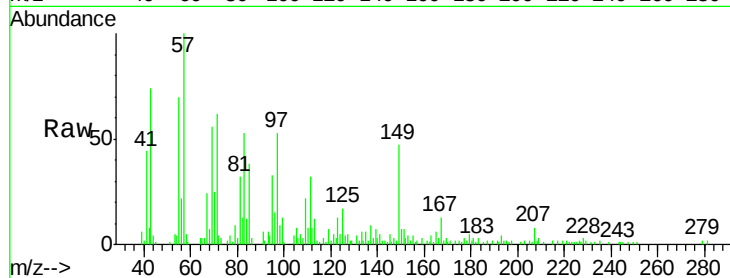
Tgt Ion:149 Resp: 14386

Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

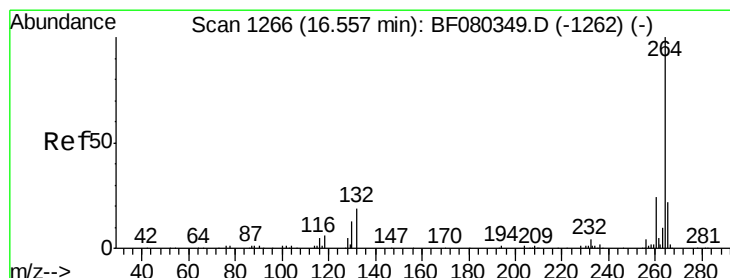
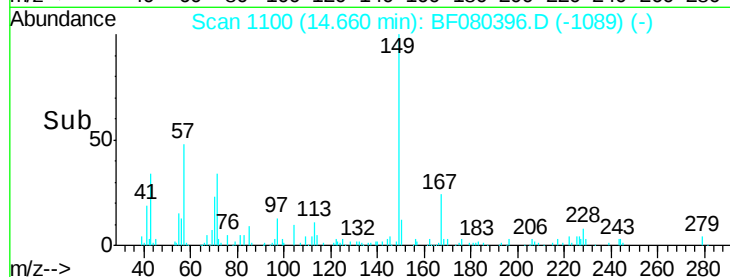
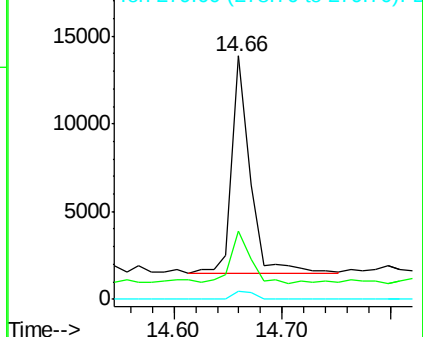
279 3.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.25 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

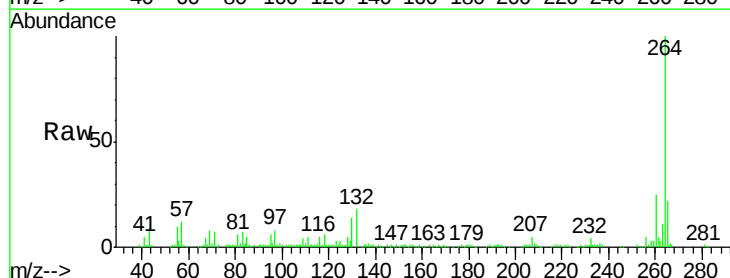
Tgt Ion:264 Resp: 161382

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

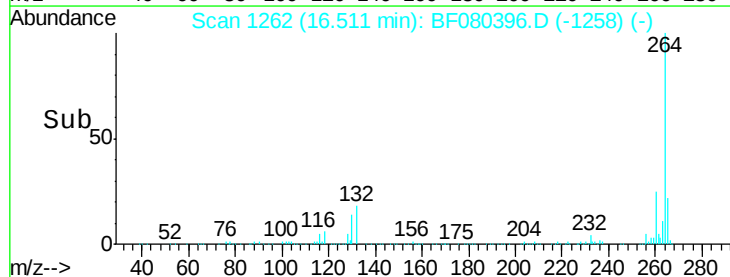
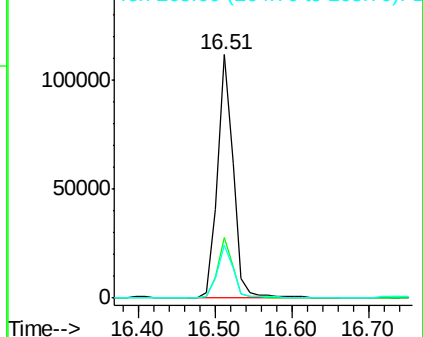
265 21.9 17.6 26.4

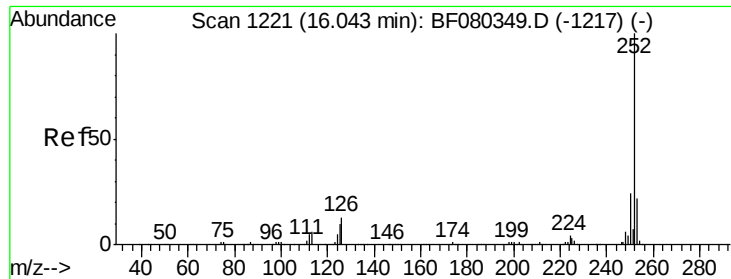


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.61 ng

RT: 16.00 min Scan# 1217

Delta R.T. -0.25 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0-070115

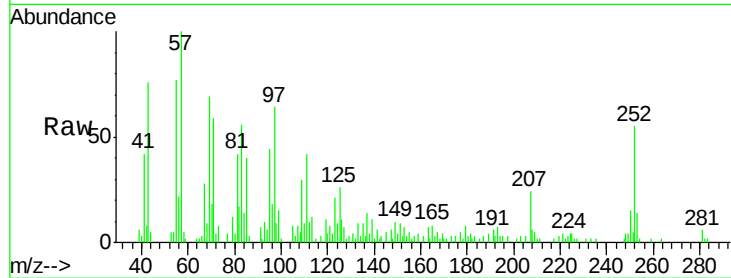
Tgt Ion:252 Resp: 26438

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.8

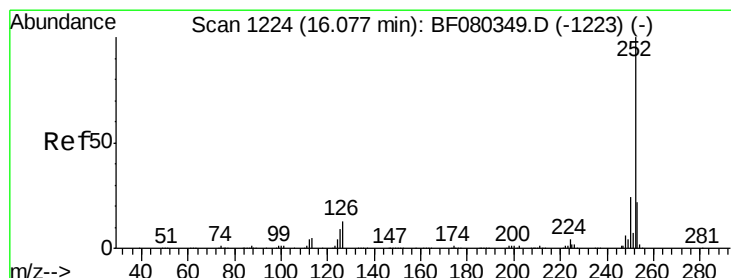
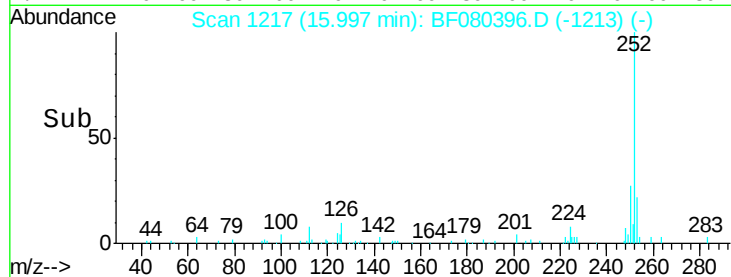
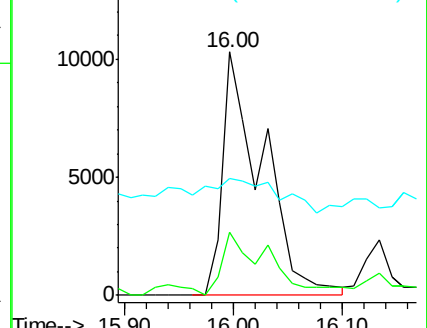
125 48.2 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.75 ng

RT: 16.00 min Scan# 1217

Delta R.T. -0.29 min

Lab File: BF080396.D

Acq: 8 Jul 2015 19:20

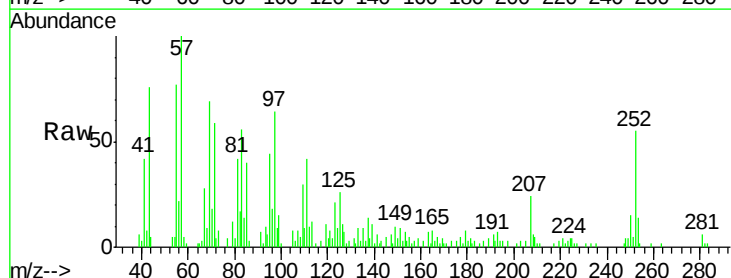
Tgt Ion:252 Resp: 26438

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.6

125 48.2 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

