

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082855.D
 Acq On : 10 Nov 2015 5:42
 Operator : UM/IZ
 Sample : G4155-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

Quant Time: Nov 10 06:51:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245468	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	699854	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	274497	20.00	ng	0.01
63) Phenanthrene-d10	11.39	188	520561	20.00	ng	0.01
75) Chrysene-d12	14.00	240	596968	20.00	ng	-0.02
86) Perylene-d12	15.41	264	492448	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	2235124	141.68	ng	0.00
7) Phenol-d6	6.48	99	2967593	141.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	1925723	119.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	436923	138.82	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1882444	98.29	ng	0.00
78) Terphenyl-d14	12.96	244	1833861	72.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	56862	4.91	ng	82
19) n-Nitroso-di-n-propylamine	7.22	70	76151	4.94	ng	# 60
22) Acetophenone	7.24	105	61804	3.08	ng	# 47
24) Nitrobenzene	7.38	77	45093	2.74	ng	# 12
25) Isophorone	7.65	82	302707	10.17	ng	# 1
26) 2-Nitrophenol	7.70	139	13794	2.01	ng	# 1
28) bis(2-Chloroethoxy)methane	7.93	93	79896	4.76	ng	# 1
29) 2,4-Dichlorophenol	7.97	162	39423	3.54	ng	# 1
32) Benzoic acid	7.93	122	46407	5.49	ng	# 24
33) 4-Chloroaniline	8.13	127	85588	5.14	ng	# 1
35) Caprolactam	8.59	113	462290	131.52	ng	# 20
36) 4-Chloro-3-methylphenol	8.67	107	114635	8.74	ng	# 35
42) 2,4,6-Trichlorophenol	9.15	196	33951	5.04	ng	# 15
43) 2,4,5-Trichlorophenol	9.15	196	33951	5.10	ng	# 1
47) 2-Nitroaniline	9.45	65	55801	8.19	ng	# 72
48) Acenaphthylene	9.78	152	62449	2.17	ng	# 1
49) Dimethylphthalate	9.61	163	501400	22.29	ng	# 91
50) 2,6-Dinitrotoluene	9.69	165	87570	18.25	ng	# 51
51) Acenaphthene	9.94	154	54797	3.00	ng	# 32
52) 3-Nitroaniline	9.82	138	34981	6.63	ng	# 13
54) Dibenzofuran	10.11	168	54922	2.23	ng	# 1
55) 4-Nitrophenol	10.02	139	85753	21.18	ng	# 1
56) 2,4-Dinitrotoluene	10.11	165	51969	7.98	ng	# 56
57) Fluorene	10.44	166	110704	5.56	ng	# 19
59) Diethylphthalate	10.33	149	66117	3.01	ng	# 1
62) Azobenzene	10.61	77	65445	2.77	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.45	198	19587	5.28	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	879509	46.77	ng	# 41
66) 4-Bromophenyl-phenylether	10.96	248	14029	2.24	ng	# 1
68) Atrazine	11.13	200	24255	4.17	ng	# 1
70) Phenanthrene	11.41	178	157810	5.22	ng	# 23
71) Anthracene	11.51	178	102544	3.22	ng	# 1
74) Fluoranthene	12.81	202	350623	10.81	ng	# 89
77) Pyrene	12.81	202	350623	8.55	ng	# 95

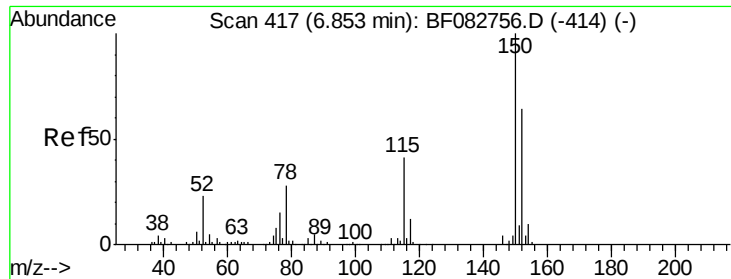
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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

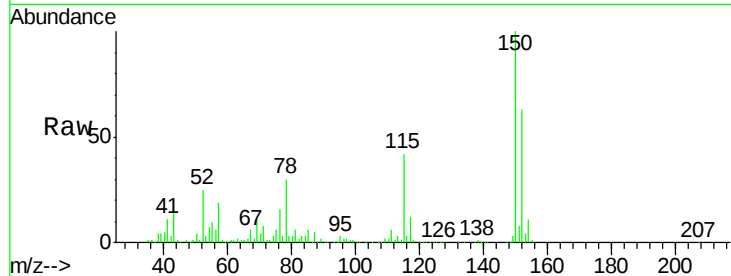


#1

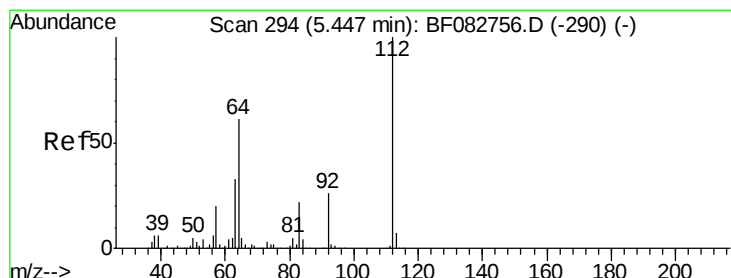
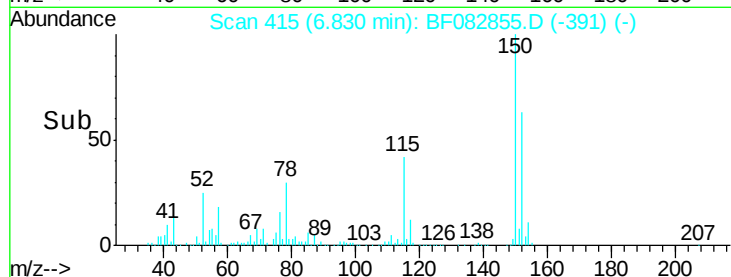
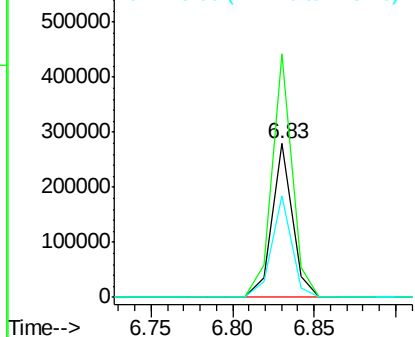
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	66.4	47.0	70.6



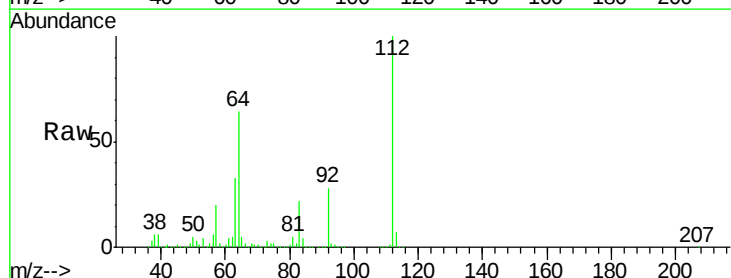
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



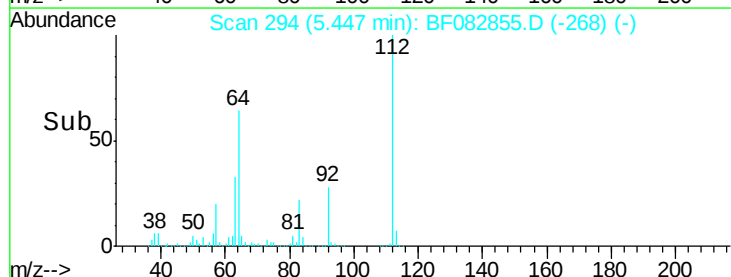
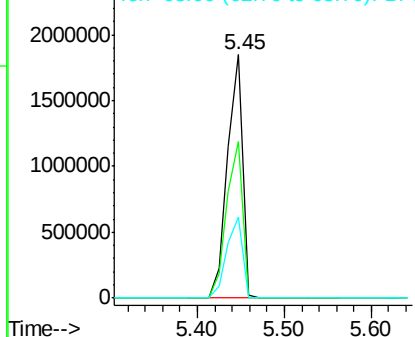
#5

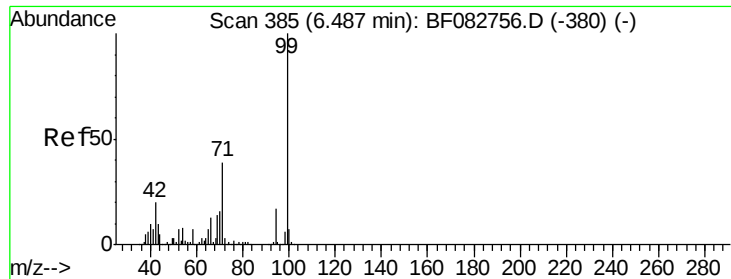
2-Fluorophenol
Concen: 141.68 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	48.9	73.3
63	33.5	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.49 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

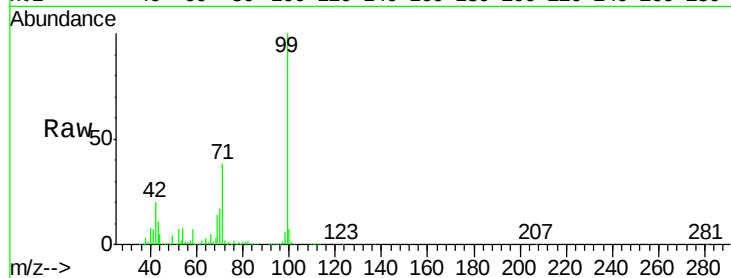
Tot Ion: 99 Resp: 2967593

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

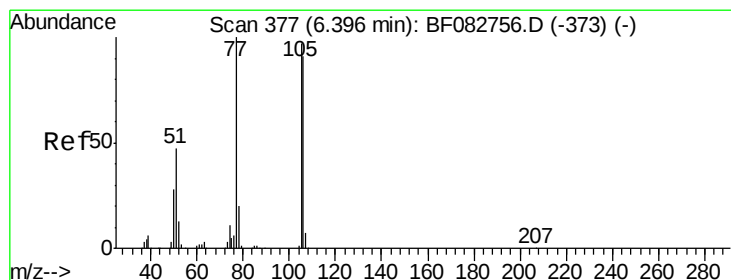
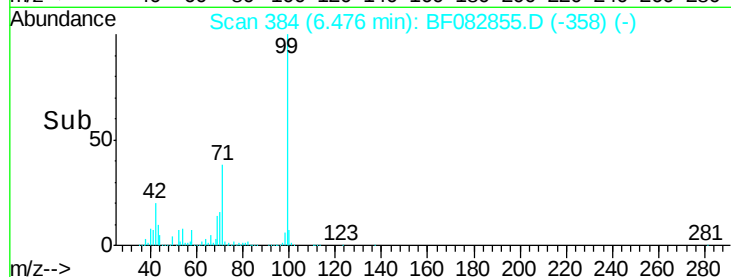
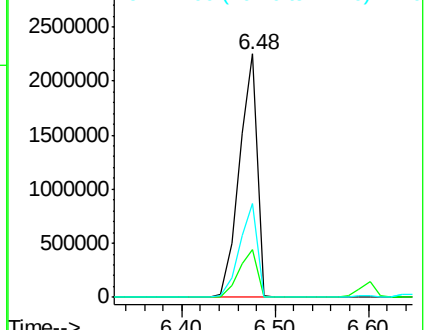
71 38.3 35.0 52.4



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: 4.91 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

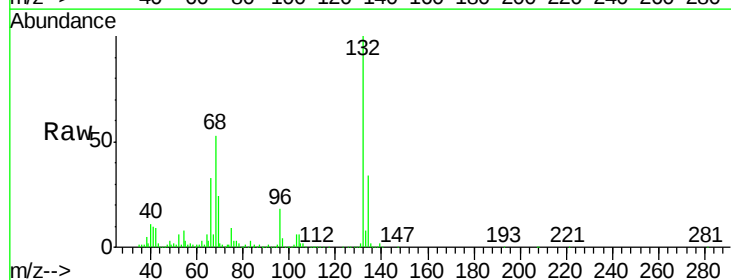
Tgt Ion: 77 Resp: 56862

Ion Ratio Lower Upper

77 100

105 70.7 63.5 103.5

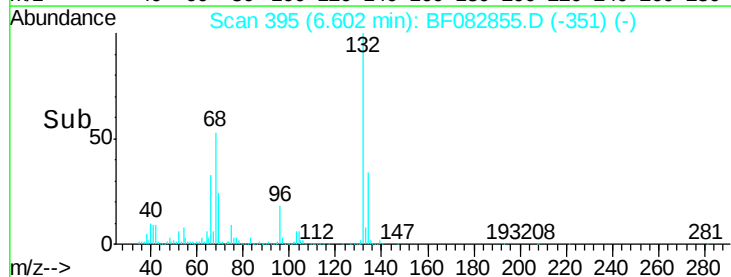
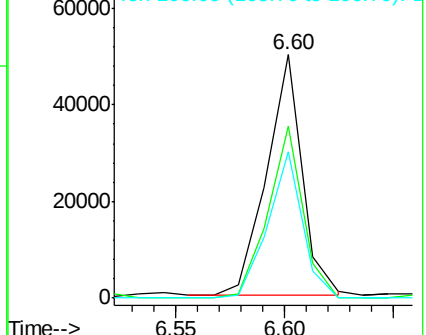
106 60.3 59.3 99.3

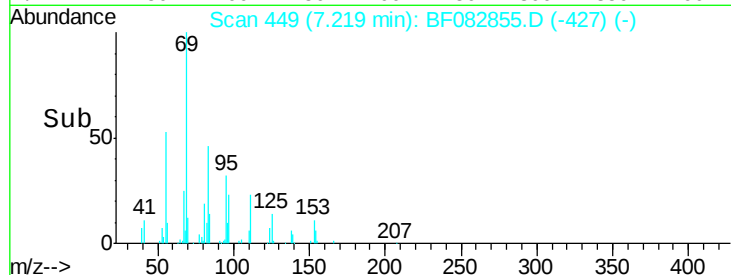
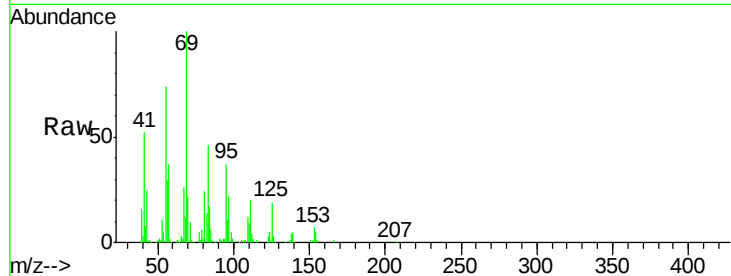
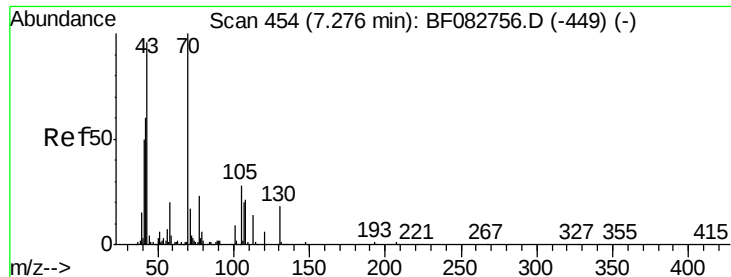


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

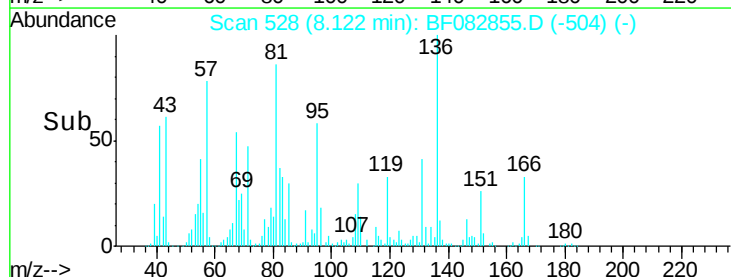
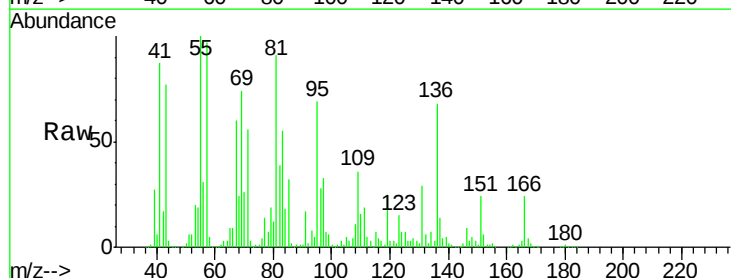
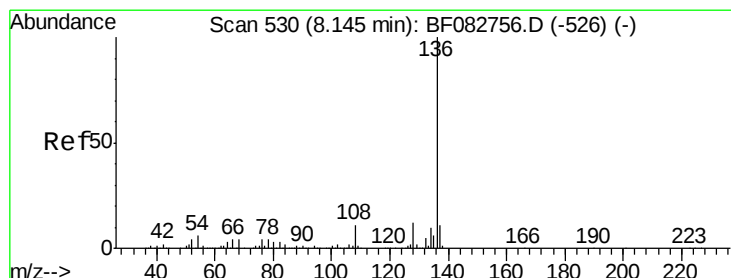
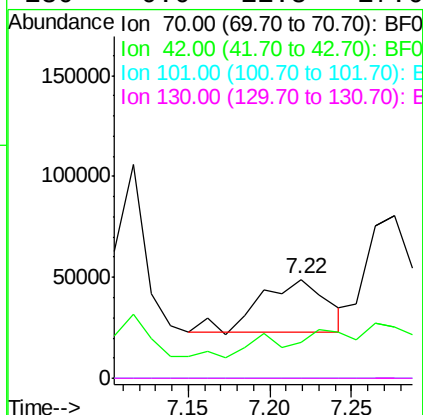




#19
n-Nitroso-di-n-propylamine
Concen: 4.94 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

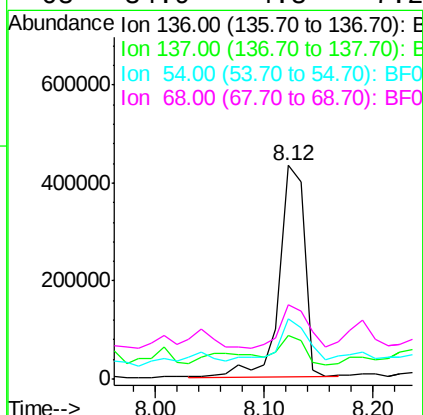
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

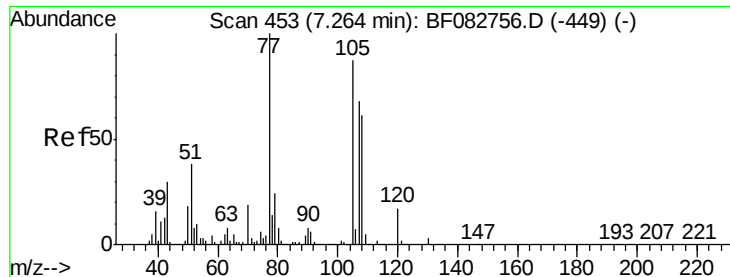
Tot Ion:	70	Resp:	76151
Ion	Ratio	Lower	Upper
70	100		
42	36.5	57.7	86.5#
101	0.0	7.0	10.6#
130	0.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:	136	Resp:	699854
Ion	Ratio	Lower	Upper
136	100		
137	20.3	9.1	13.7#
54	28.0	9.1	13.7#
68	34.9	4.8	7.2#





#22

Acetophenone

Concen: 3.08 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

Tot Ion:105 Resp: 61804

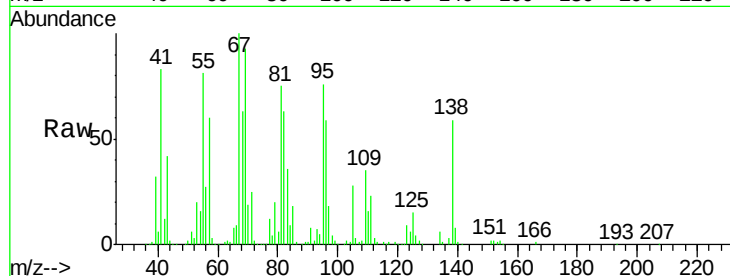
Ion Ratio Lower Upper

105 100

71 91.7 5.6 8.4#

51 21.5 24.9 37.3#

120 0.9 15.8 23.8#

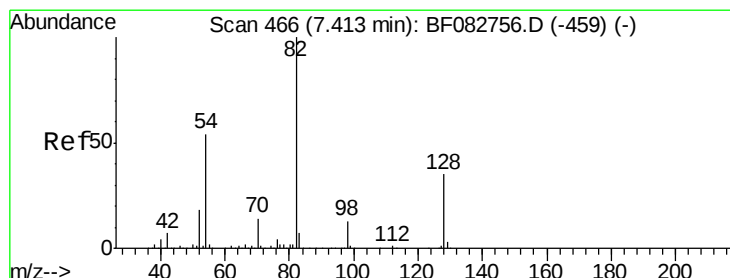
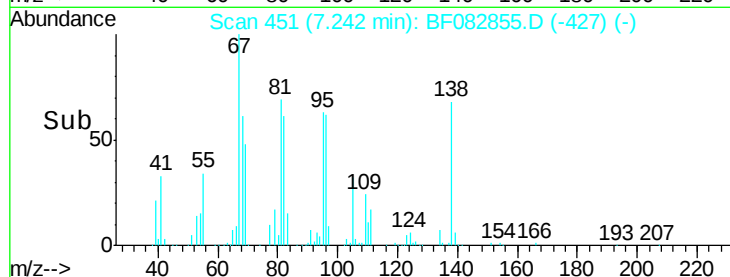
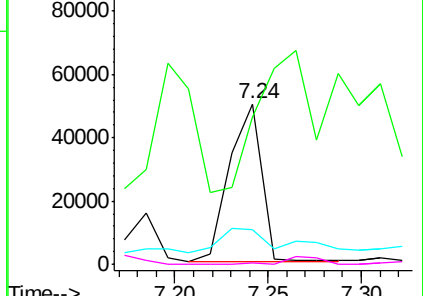


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 119.73 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

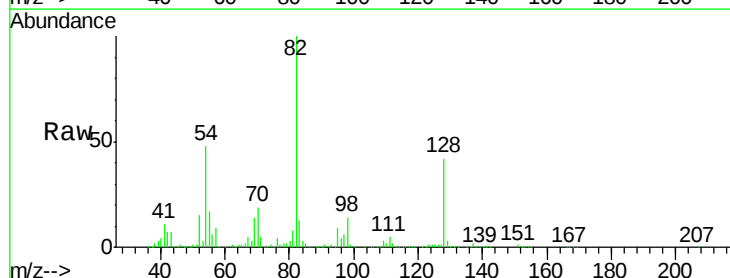
Tgt Ion: 82 Resp: 1925723

Ion Ratio Lower Upper

82 100

128 41.6 26.8 40.2#

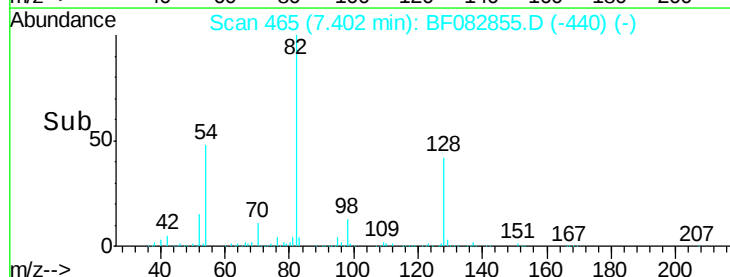
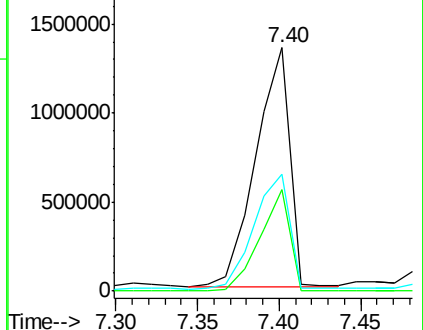
54 47.8 45.7 68.5

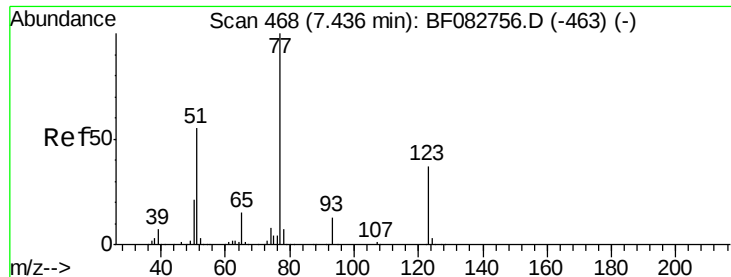


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

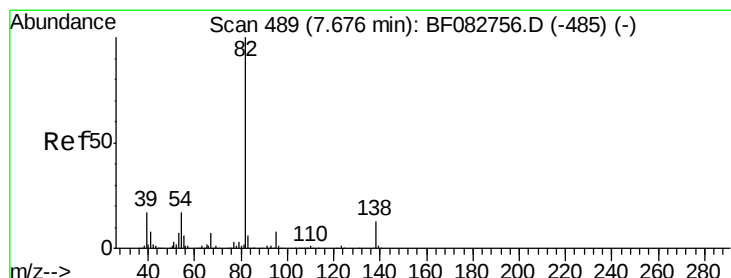
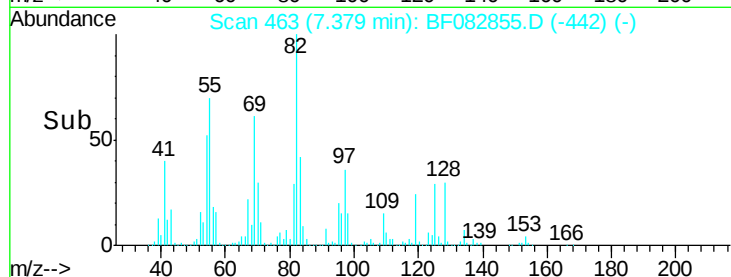
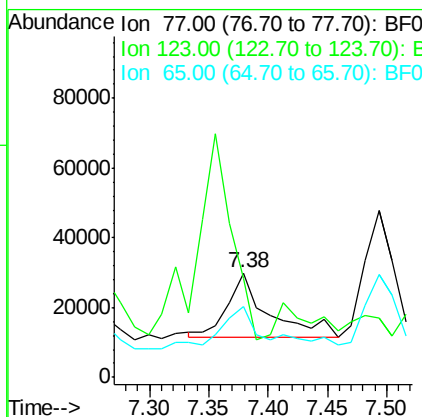
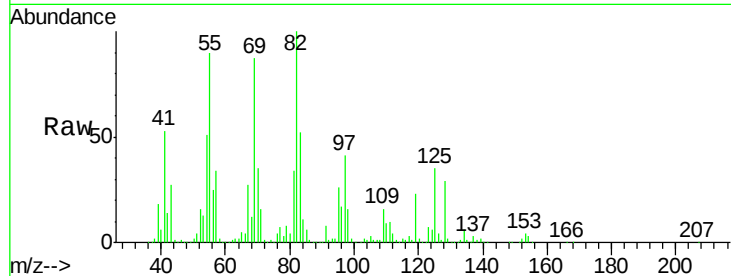




#24
 Nitrobenzene
 Concen: 2.74 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

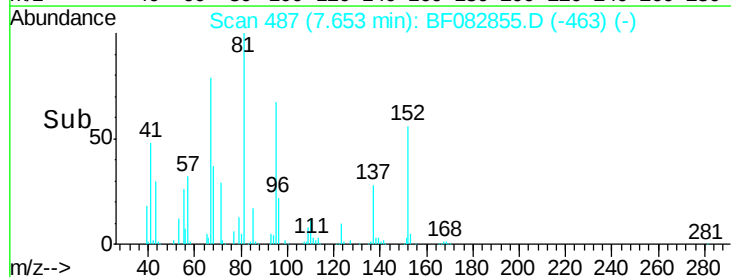
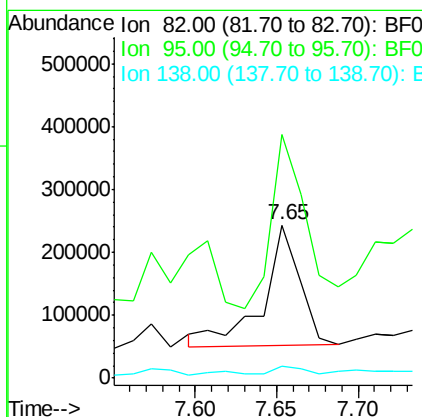
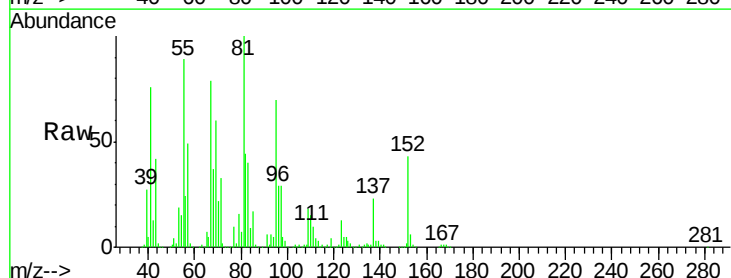
Instrument :
 BNA_F
 ClientSampled :
 GP3-16-16.5

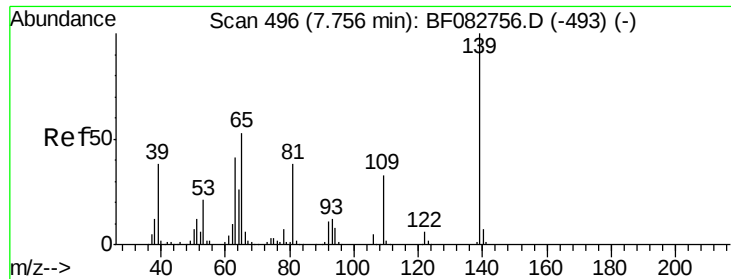
Tot Ion: 77 Resp: 45093
 Ion Ratio Lower Upper
 77 100
 123 94.3 36.4 54.6#
 65 67.7 11.5 17.3#



#25
 Isophorone
 Concen: 10.17 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Tgt Ion: 82 Resp: 302707
 Ion Ratio Lower Upper
 82 100
 95 159.1 6.6 9.8#
 138 7.7 11.4 17.0#





#26

2-Nitrophenol

Concen: 2.01 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

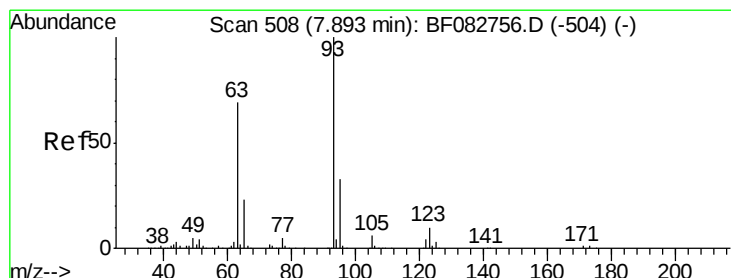
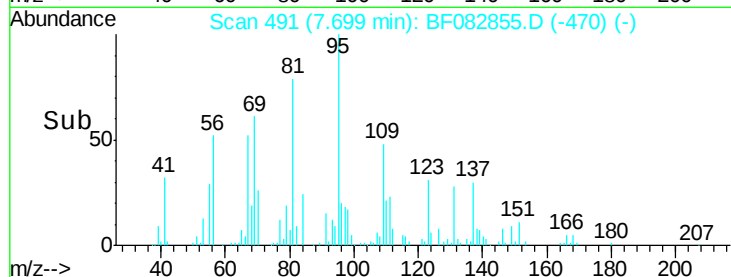
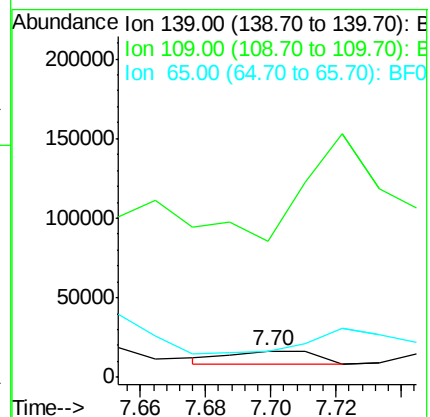
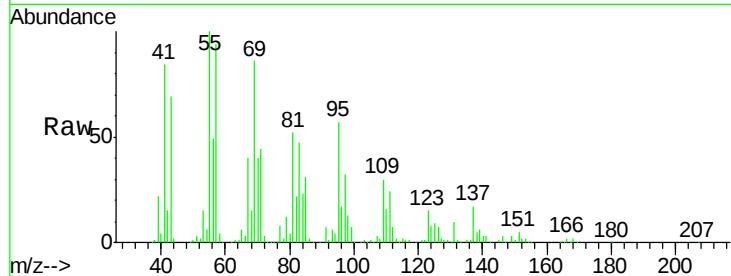
Tot Ion:139 Resp: 13794

Ion Ratio Lower Upper

139 100

109 517.8 37.6 56.4#

65 97.0 70.6 105.8



#28

bis(2-Chloroethoxy)methane

Concen: 4.76 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.03 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

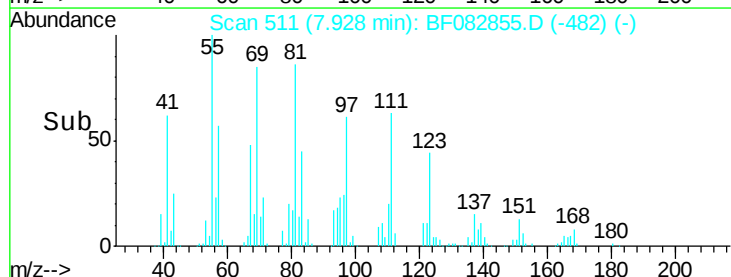
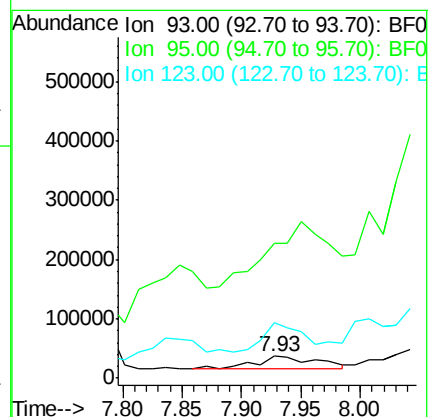
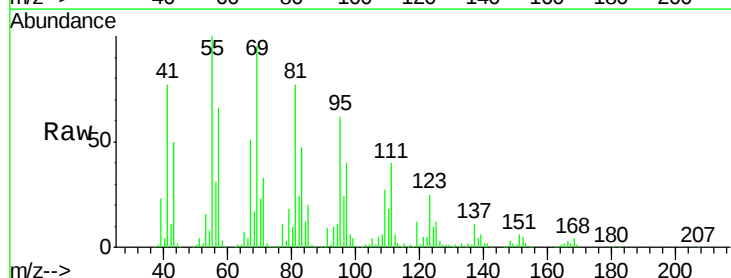
Tgt Ion: 93 Resp: 79896

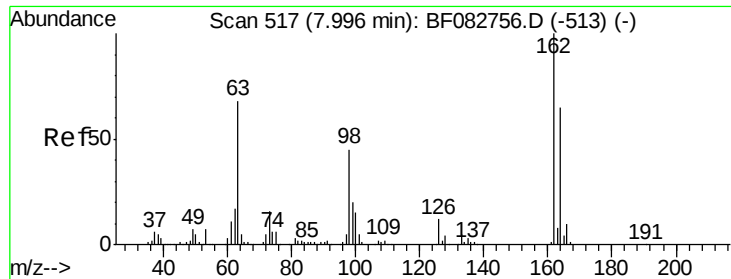
Ion Ratio Lower Upper

93 100

95 618.6 26.6 40.0#

123 254.4 9.7 14.5#

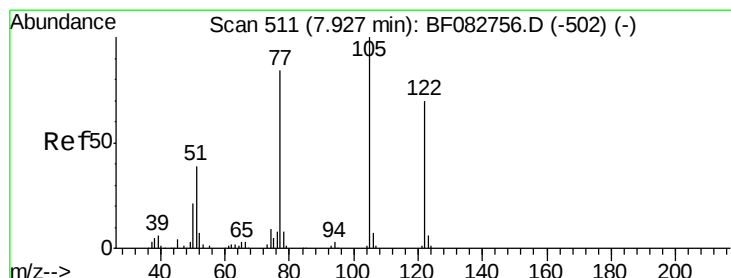
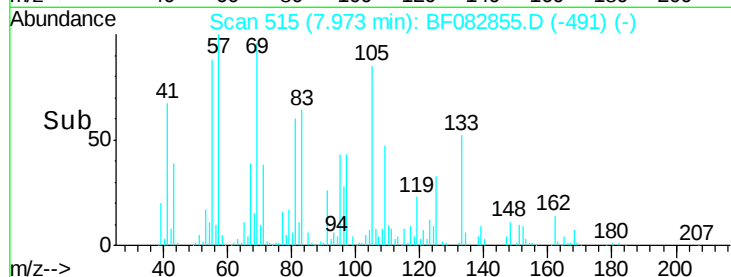
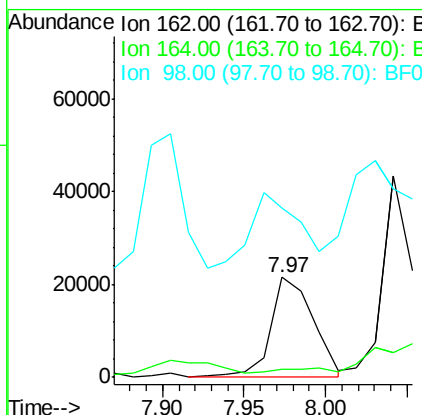
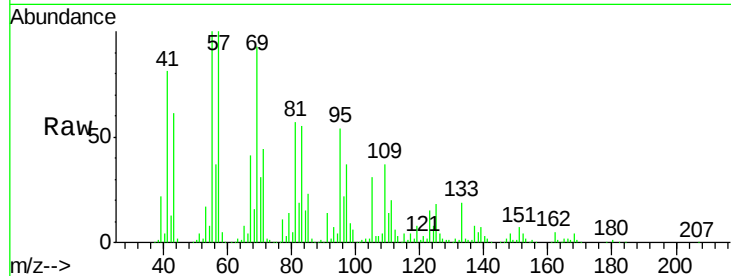




#29
2,4-Dichlorophenol
Concen: 3.54 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

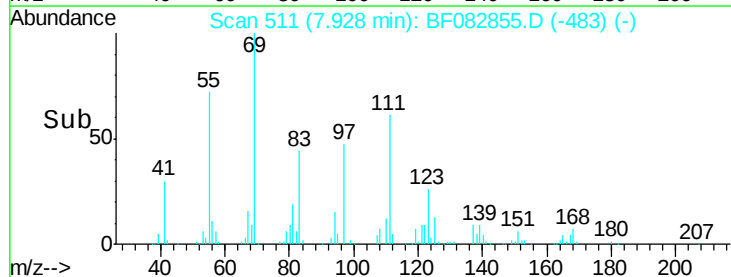
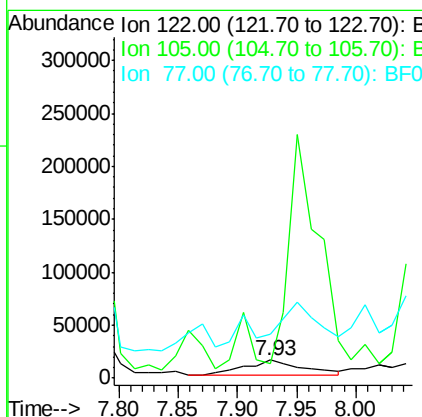
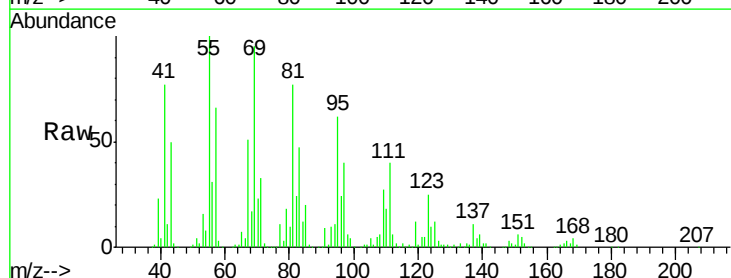
Instrument :
BNA_F
ClientSampled :
GP3-16-16.5

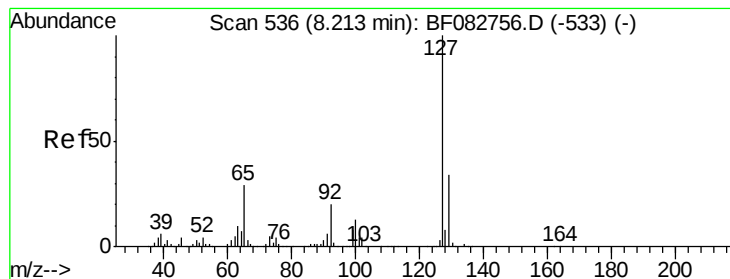
Tot Ion:162 Resp: 39423
Ion Ratio Lower Upper
162 100
164 8.7 46.8 86.8#
98 169.2 12.5 52.5#



#32
Benzoic acid
Concen: 5.49 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:122 Resp: 46407
Ion Ratio Lower Upper
122 100
105 80.8 122.6 162.6#
77 240.8 100.9 140.9#





#33

4-Chloroaniline

Concen: 5.14 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.07 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

Tot Ion:127 Resp: 85588

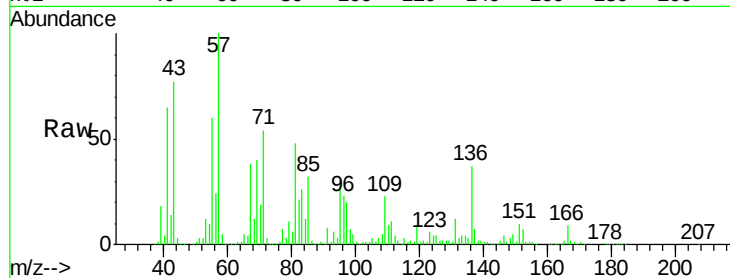
Ion Ratio Lower Upper

127 100

129 75.6 26.3 39.5#

65 238.2 37.8 56.8#

92 52.0 20.6 31.0#

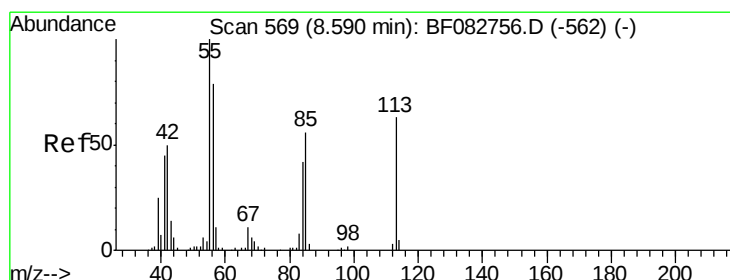
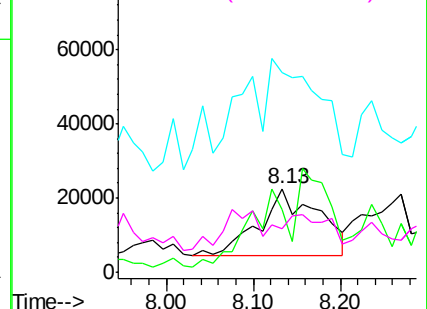
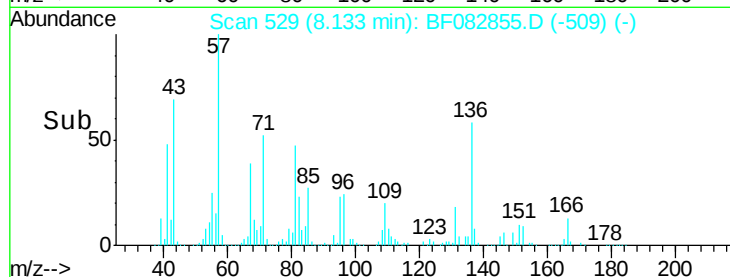


Abundance Ion 127.00 (126.70 to 127.70): E

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: 131.52 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

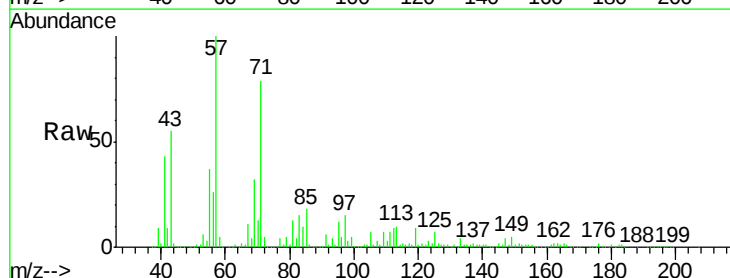
Tgt Ion:113 Resp: 462290

Ion Ratio Lower Upper

113 100

55 363.8 195.5 235.5#

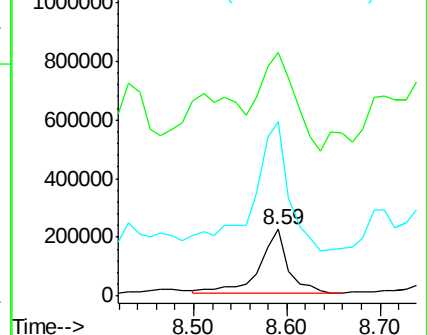
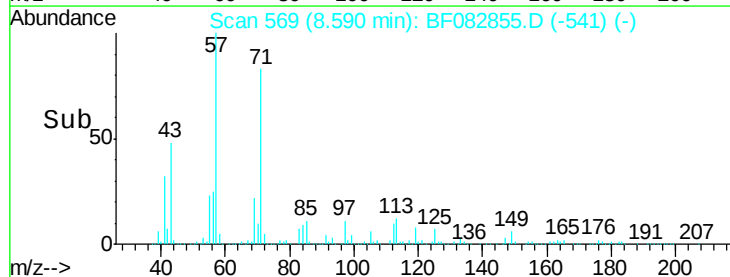
56 260.7 153.5 193.5#

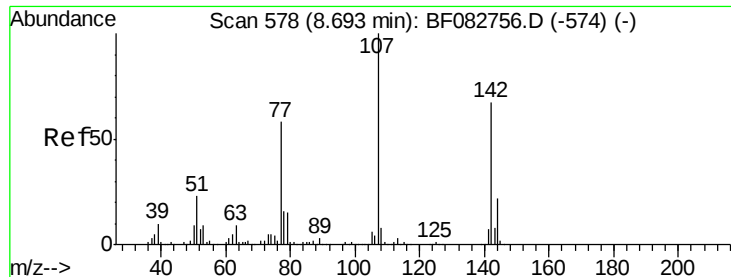


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

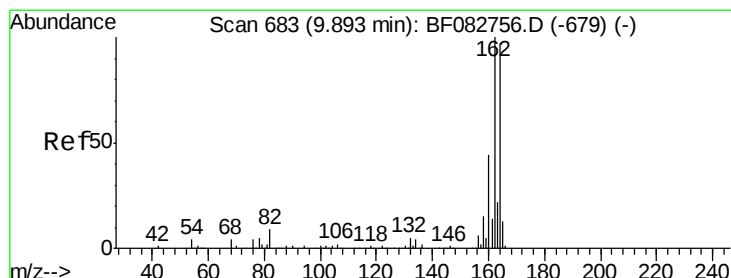
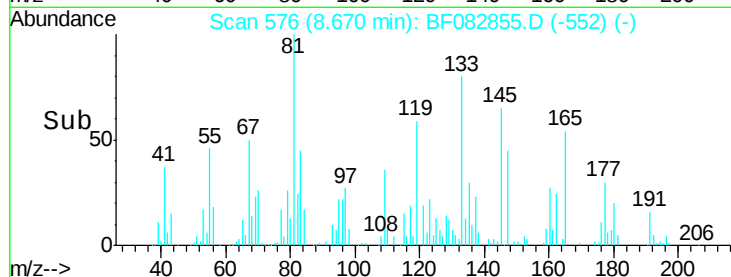
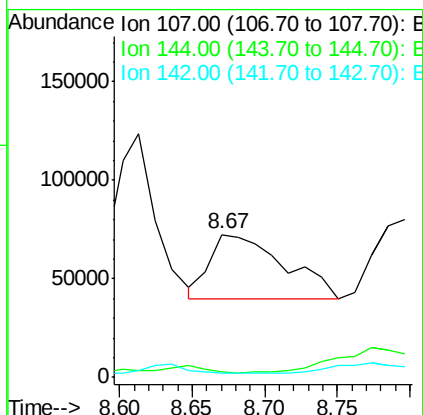
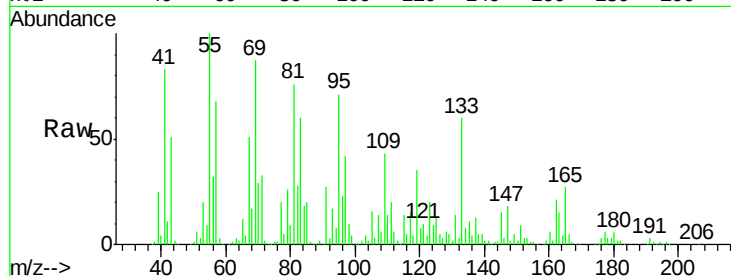




#36
4-Chloro-3-methylphenol
Concen: 8.74 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

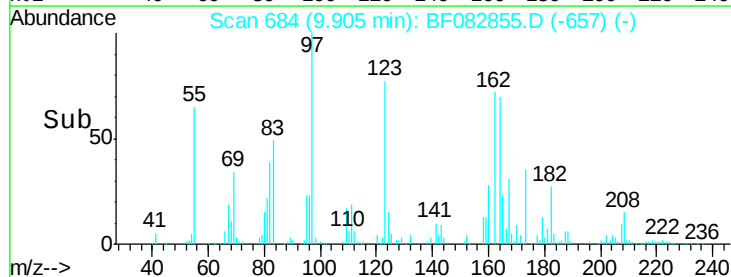
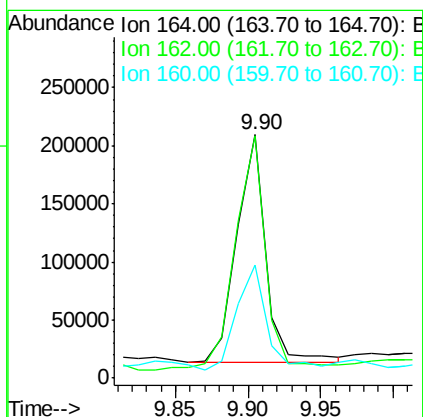
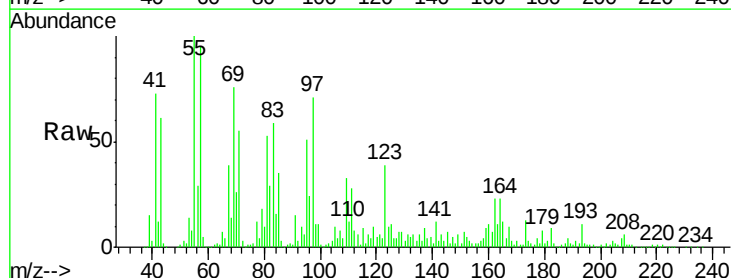
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

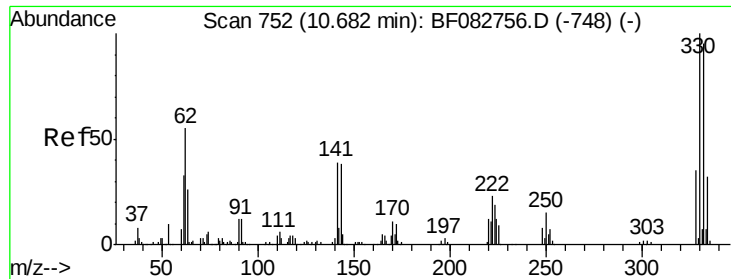
Tot Ion:107 Resp: 114635
Ion Ratio Lower Upper
107 100
144 3.7 15.4 23.0#
142 2.9 47.8 71.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:164 Resp: 274497
Ion Ratio Lower Upper
164 100
162 99.6 84.9 127.3
160 46.6 37.5 56.3

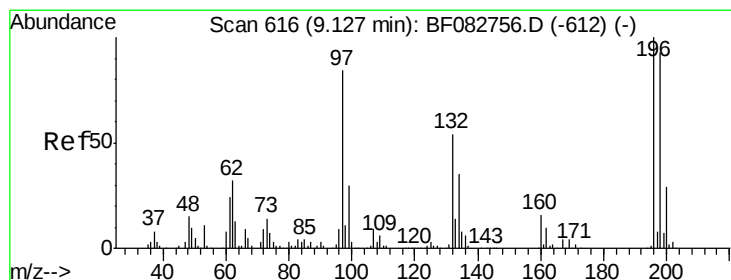
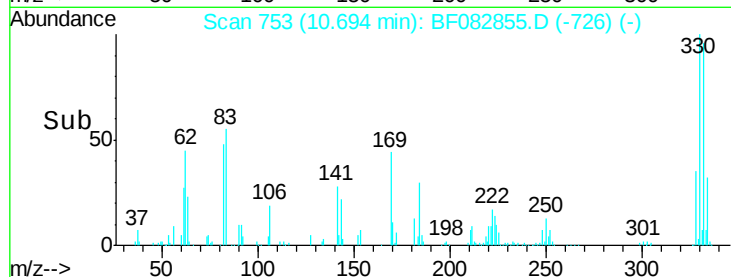
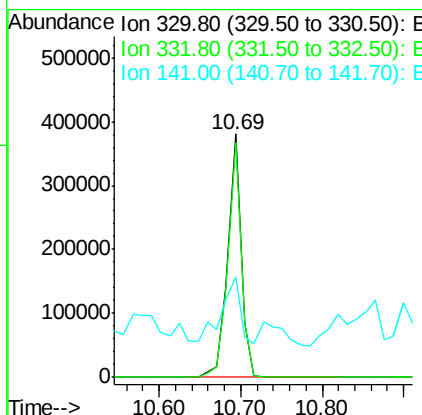
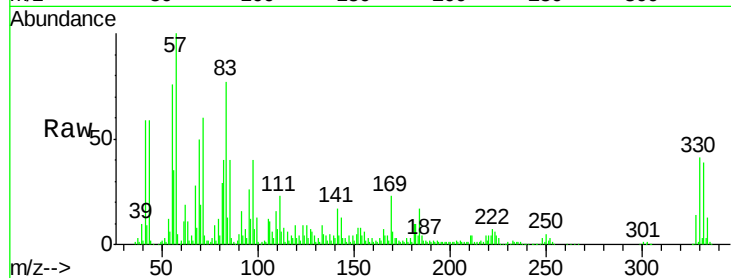




#41
 2,4,6-Tribromophenol
 Concen: 138.82 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

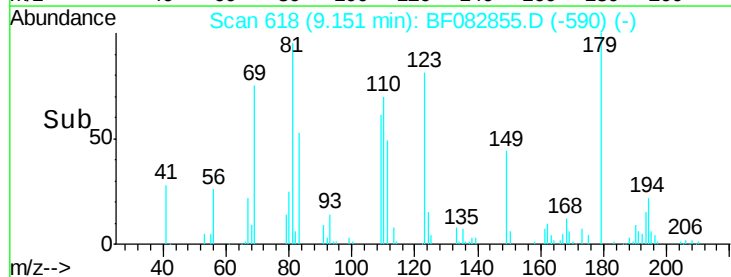
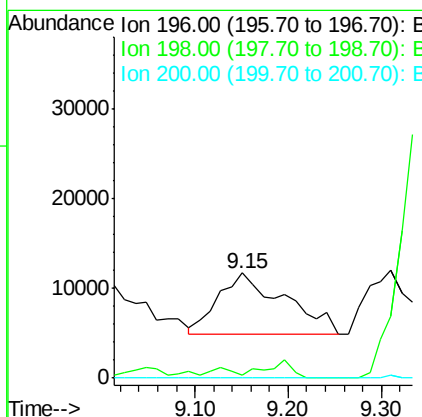
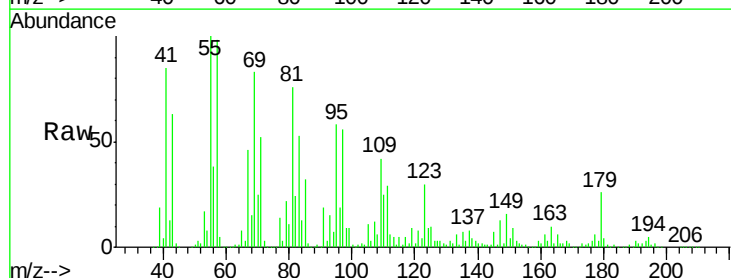
Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

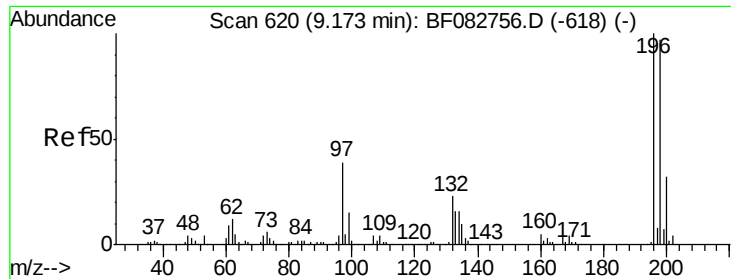
Tot Ion:330 Resp: 436923
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 37.8 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 5.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.02 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Tgt Ion:196 Resp: 33951
 Ion Ratio Lower Upper
 196 100
 198 3.3 76.3 114.5#
 200 0.0 23.9 35.9#

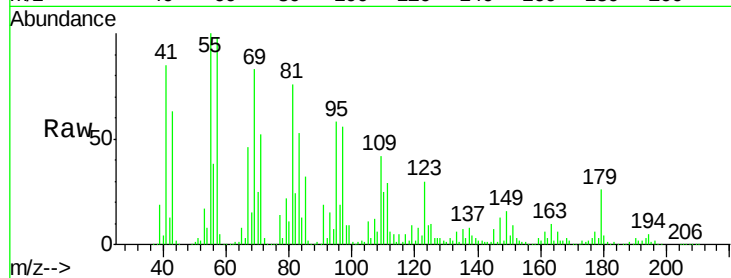




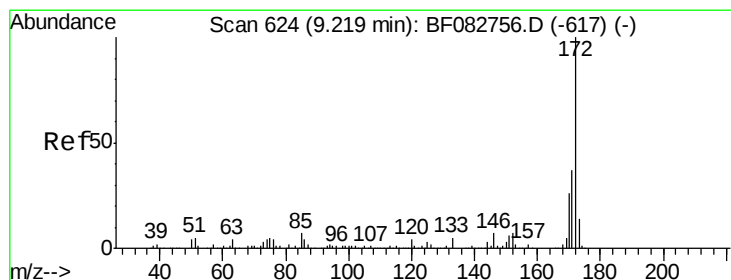
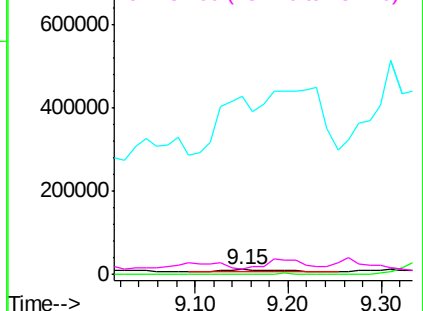
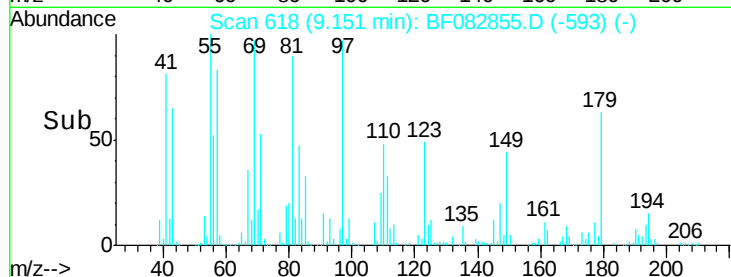
#43
 2,4,5-Trichlorophenol
 Concen: 5.10 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

Tot Ion:196 Resp: 33951
 Ion Ratio Lower Upper
 196 100
 198 3.3 75.8 113.8#
 97 3654.8 62.3 93.5#
 132 108.8 27.4 41.2#

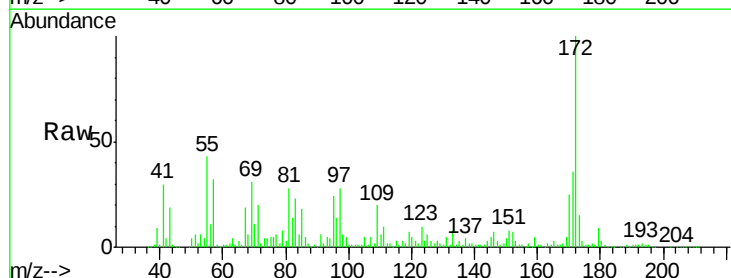


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

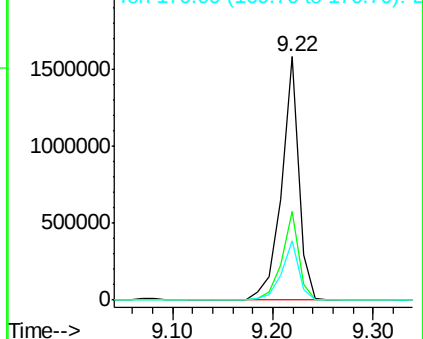
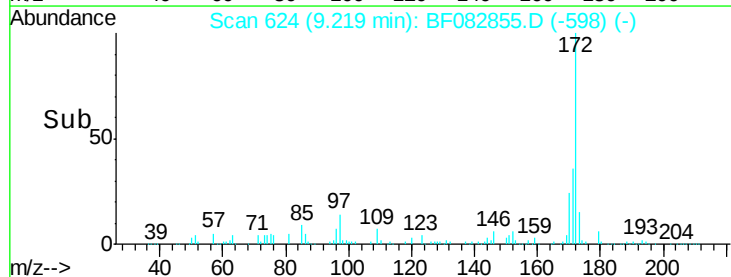


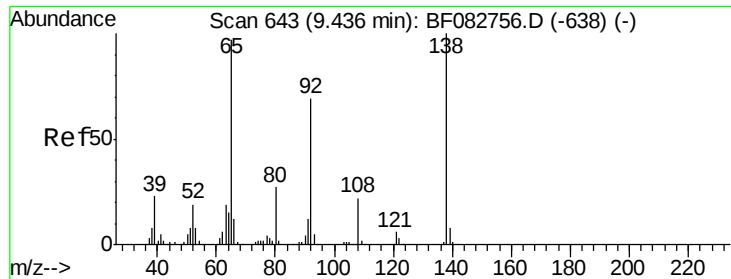
#44
 2-Fluorobiphenyl
 Concen: 98.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Tgt Ion:172 Resp: 1882444
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.5 21.2 31.8



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

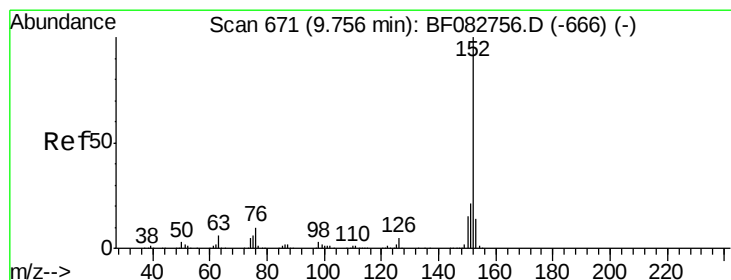
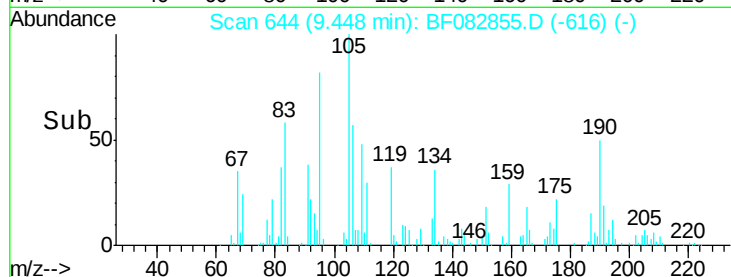
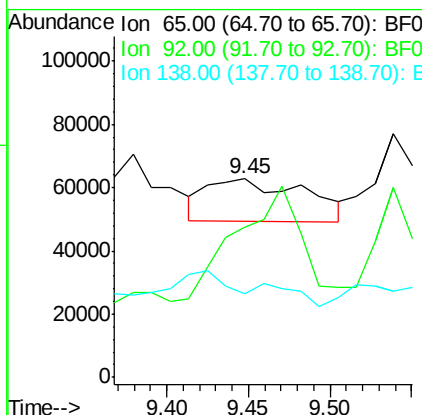
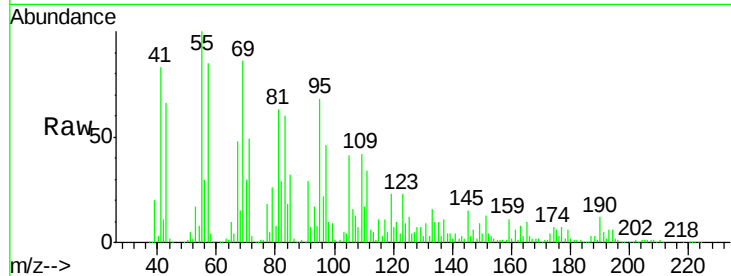




#47
2-Nitroaniline
Concen: 8.19 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

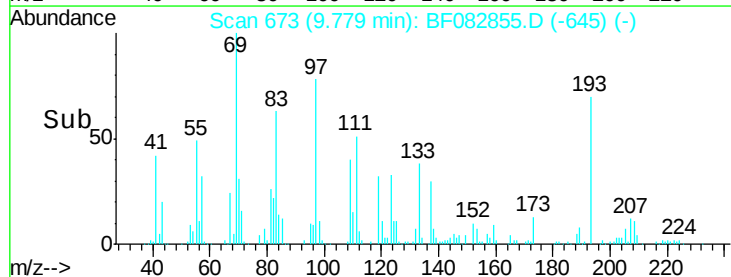
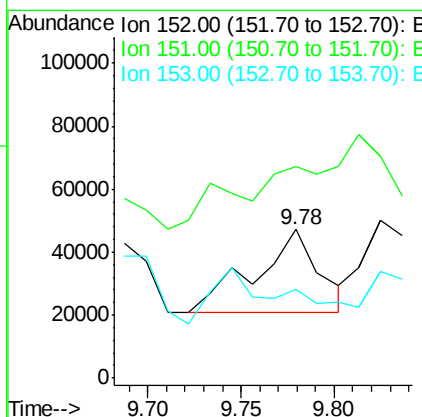
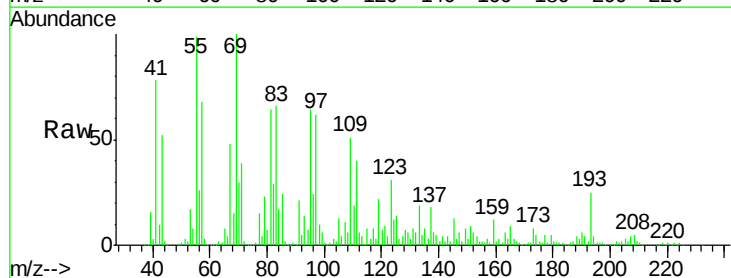
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

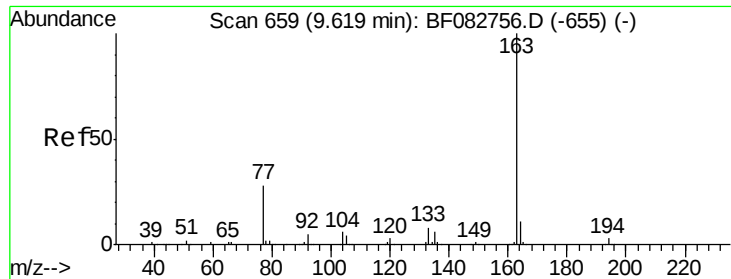
Tot Ion: 65 Resp: 55801
Ion Ratio Lower Upper
65 100
92 75.6 46.6 70.0#
138 41.8 54.6 81.8#



#48
Acenaphthylene
Concen: 2.17 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion: 152 Resp: 62449
Ion Ratio Lower Upper
152 100
151 142.5 17.3 25.9#
153 59.9 11.3 16.9#

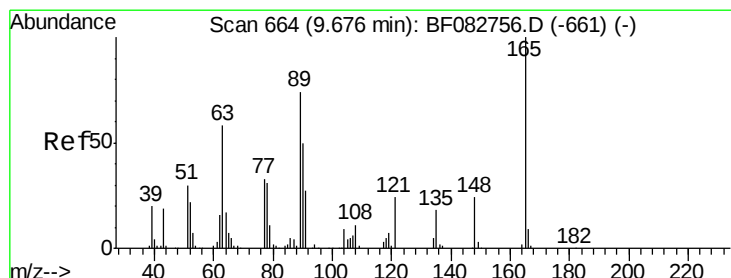
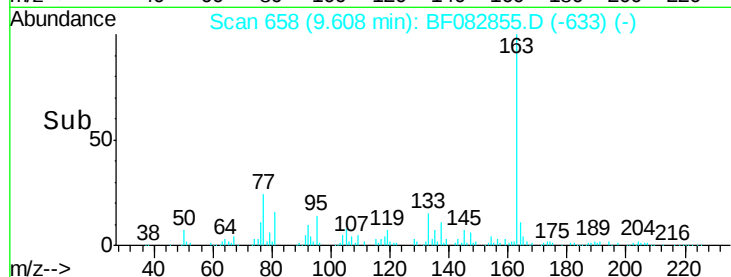
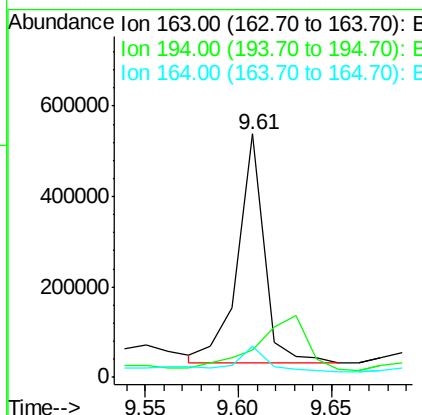
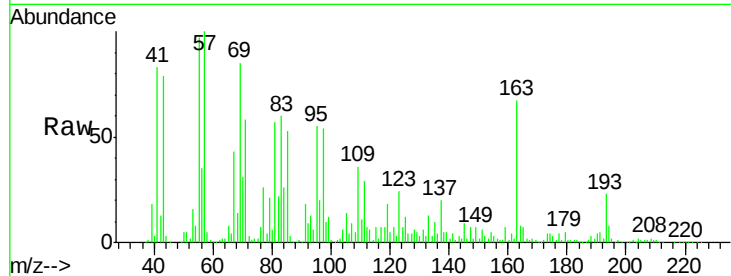




#49
Dimethylphthalate
Concen: 22.29 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

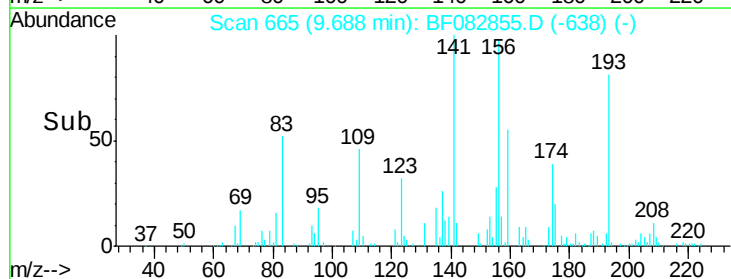
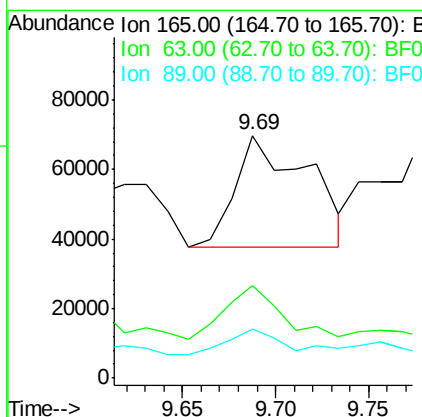
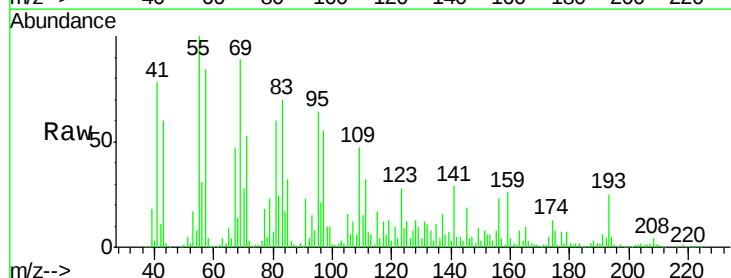
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

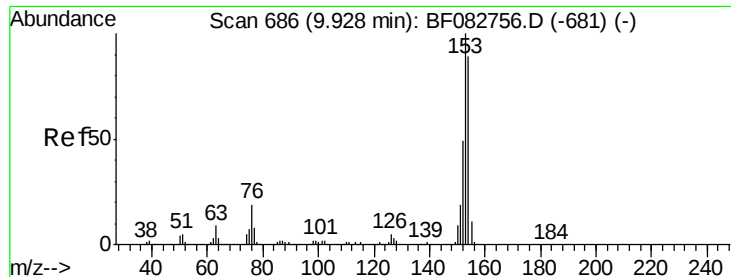
Tot Ion:163 Resp: 501400
Ion Ratio Lower Upper
163 100
194 11.2 2.6 4.0#
164 12.6 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 18.25 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:165 Resp: 87570
Ion Ratio Lower Upper
165 100
63 38.2 55.5 83.3#
89 20.3 55.0 82.6#





#51

Acenaphthene

Concen: 3.00 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

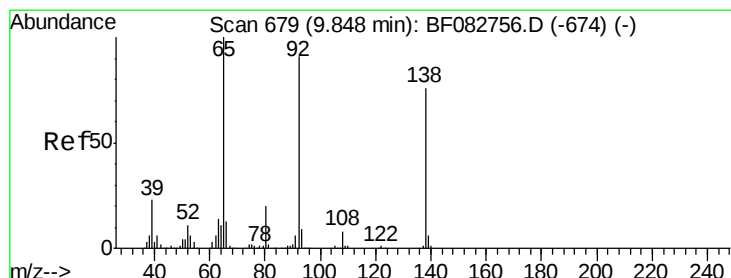
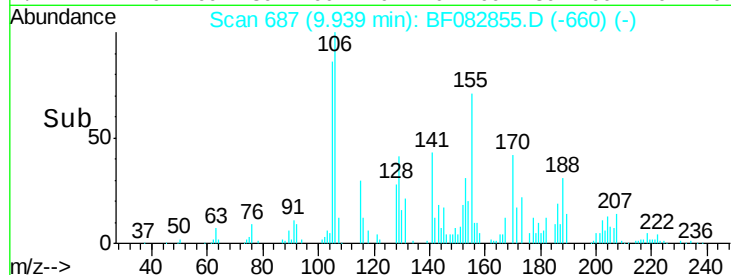
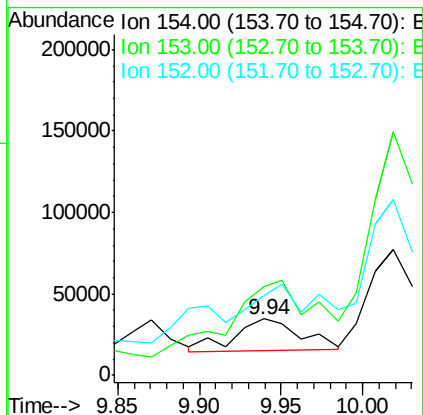
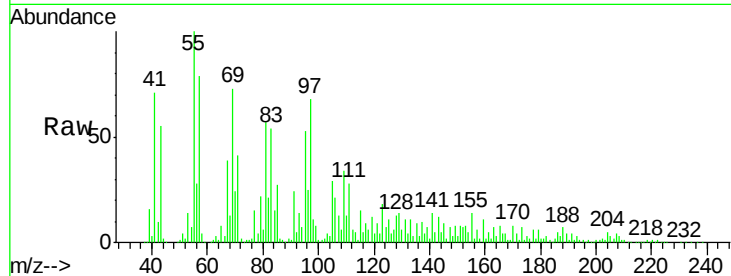
Tot Ion:154 Resp: 54797

Ion Ratio Lower Upper

154 100

153 158.4 90.1 135.1#

152 142.4 44.3 66.5#



#52

3-Nitroaniline

Concen: 6.63 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

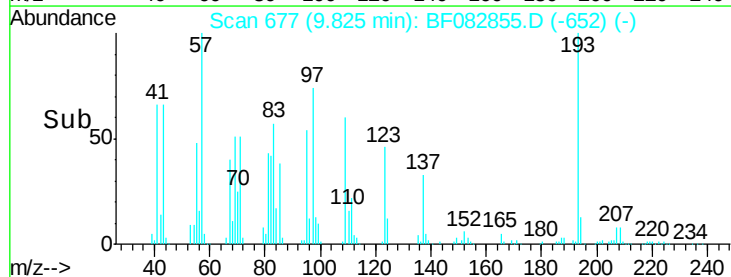
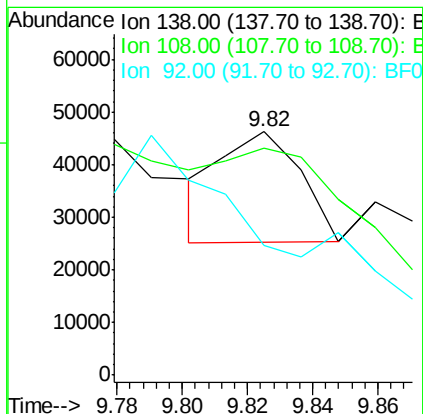
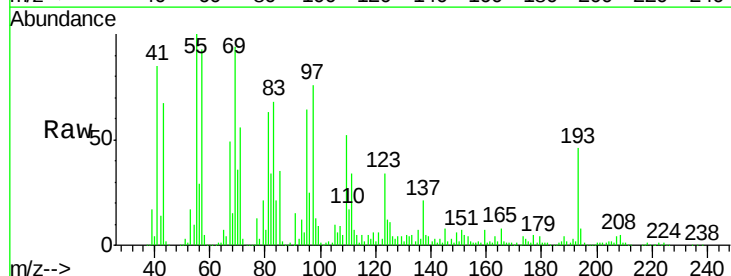
Tgt Ion:138 Resp: 34981

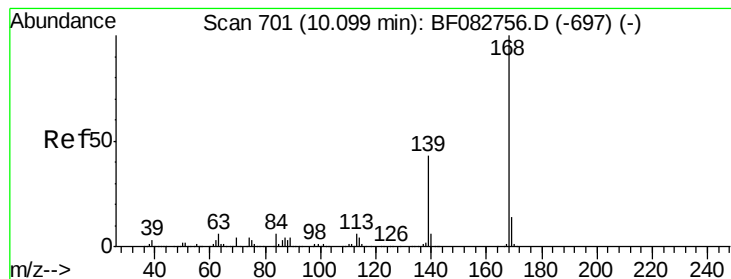
Ion Ratio Lower Upper

138 100

108 93.3 11.3 16.9#

92 53.5 122.4 183.6#





#54

Dibenzofuran

Concen: 2.23 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

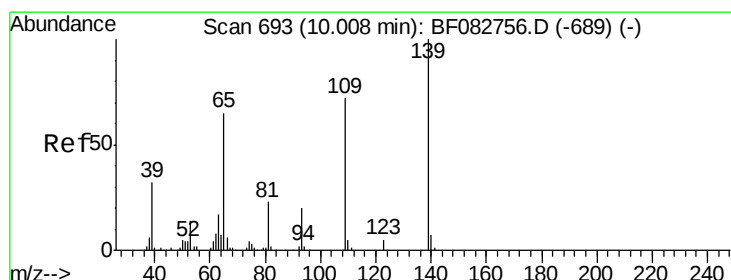
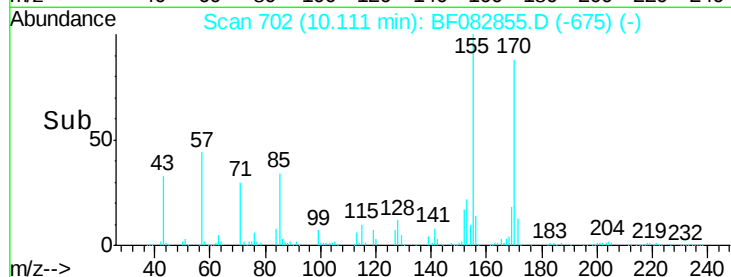
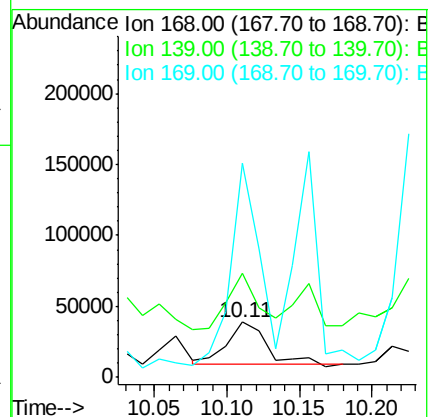
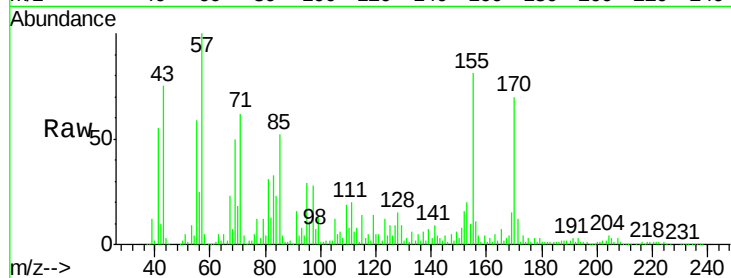
Tot Ion:168 Resp: 54922

Ion Ratio Lower Upper

168 100

139 188.1 37.8 56.6#

169 387.9 11.3 16.9#



#55

4-Nitrophenol

Concen: 21.18 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.02 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

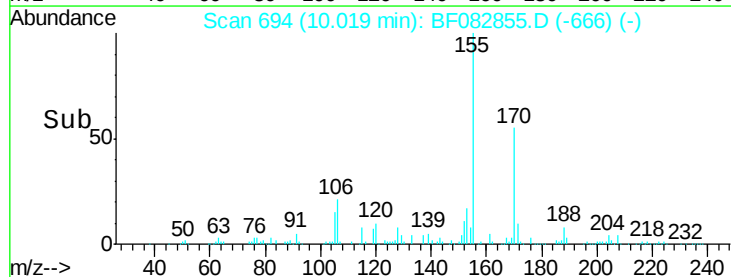
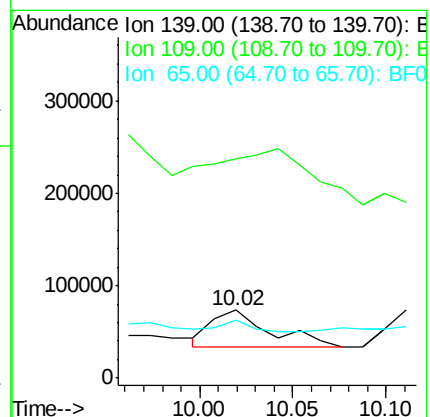
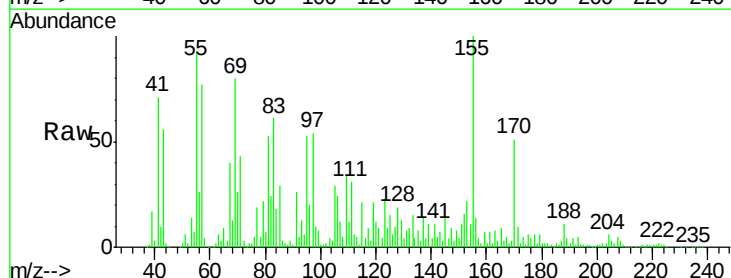
Tgt Ion:139 Resp: 85753

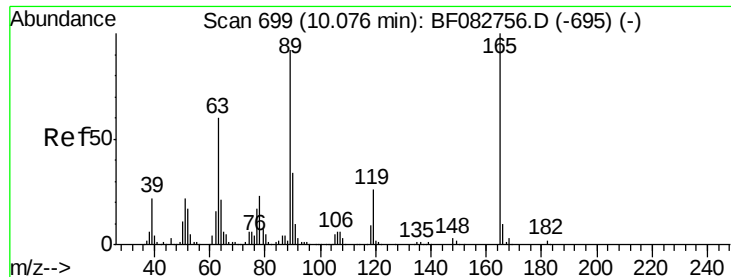
Ion Ratio Lower Upper

139 100

109 324.2 73.7 113.7#

65 86.1 82.9 122.9

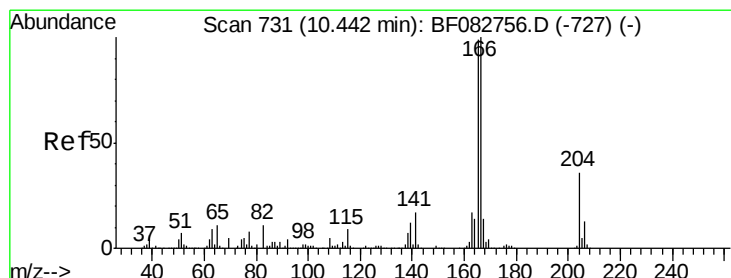
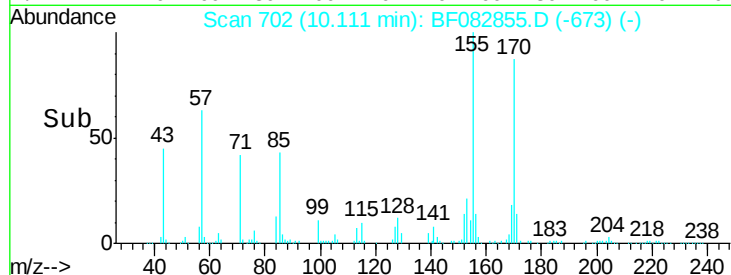
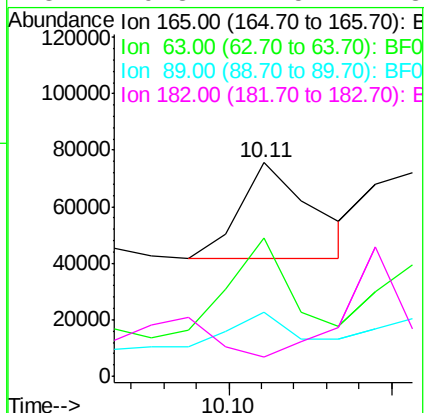
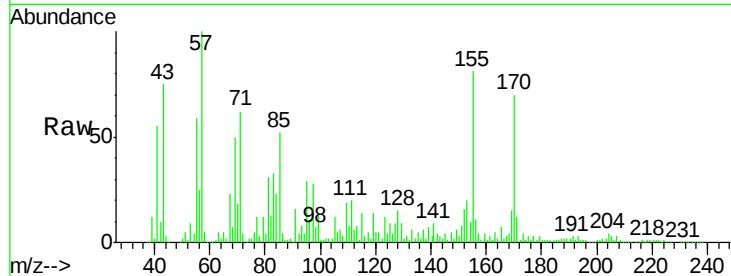




#56
2,4-Dinitrotoluene
Concen: 7.98 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.03 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

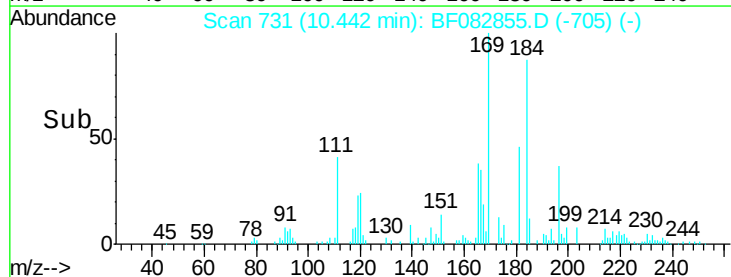
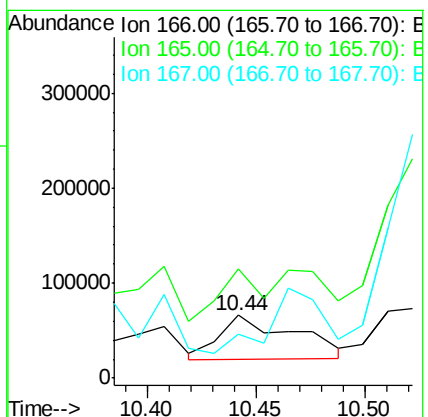
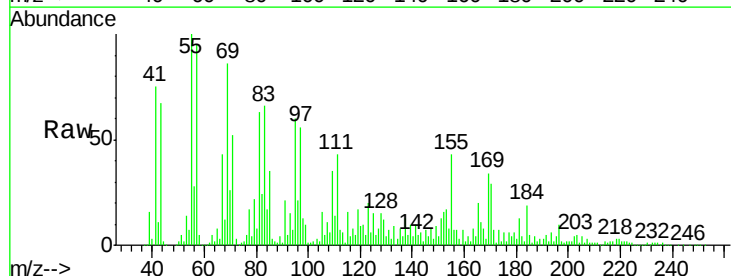
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

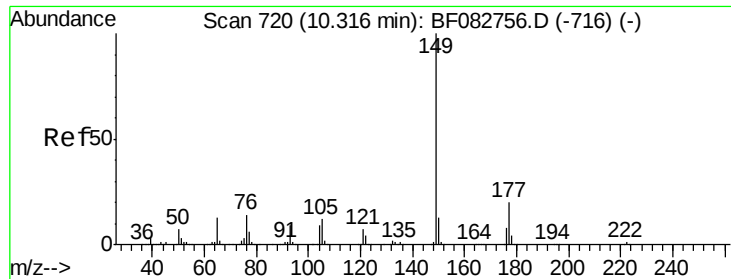
Tot Ion:165 Resp: 51969
Ion Ratio Lower Upper
165 100
63 64.6 43.4 65.0
89 30.1 70.6 106.0#
182 9.3 1.5 2.3#



#57
Fluorene
Concen: 5.56 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:166 Resp: 110704
Ion Ratio Lower Upper
166 100
165 173.6 80.2 120.4#
167 70.4 11.2 16.8#

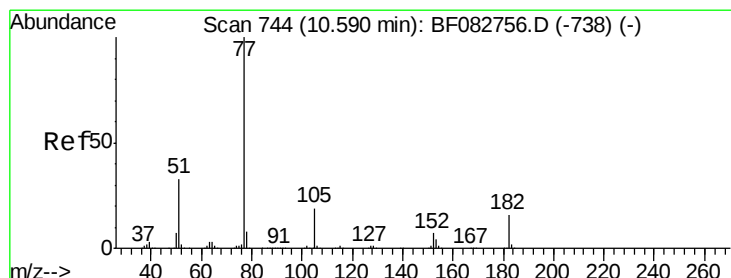
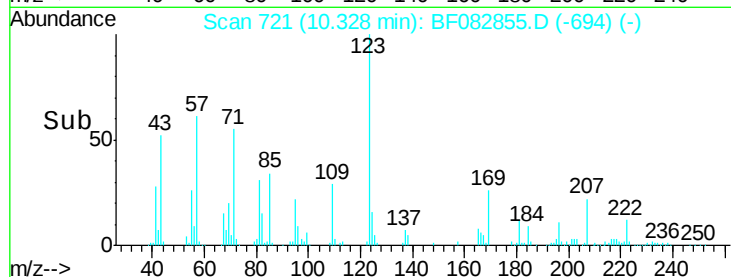
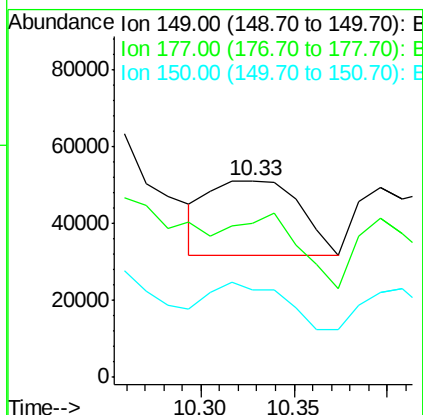
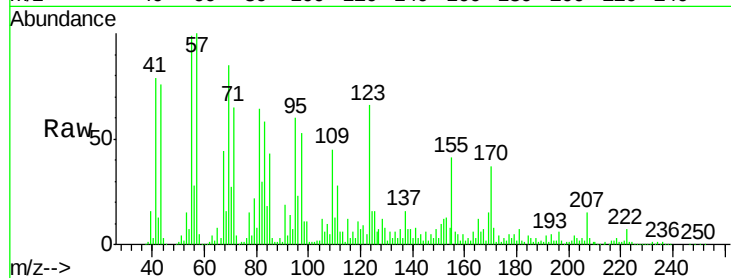




#59
Diethylphthalate
Concen: 3.01 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

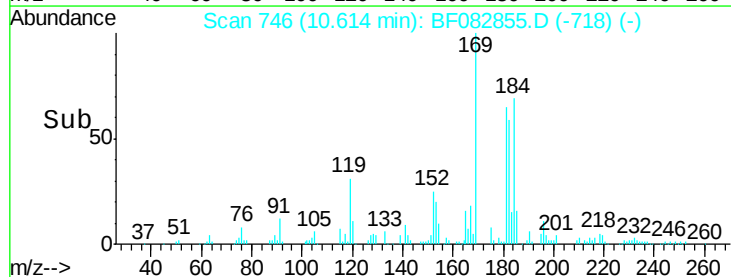
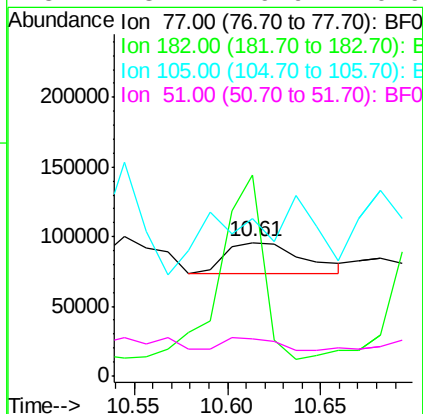
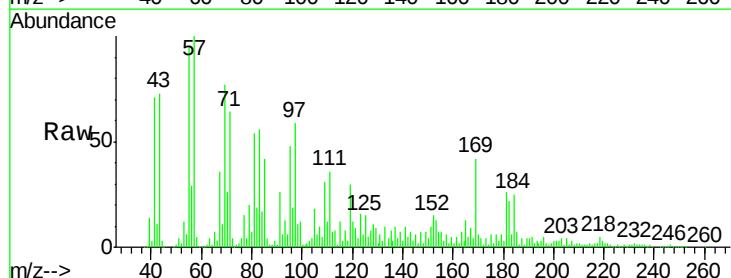
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

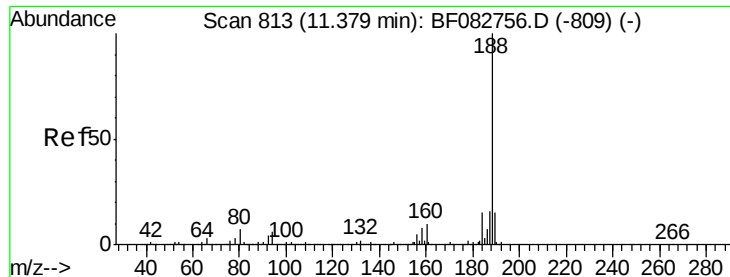
Tot Ion:149 Resp: 66117
Ion Ratio Lower Upper
149 100
177 78.7 17.9 26.9#
150 44.4 10.1 15.1#



#62
Azobenzene
Concen: 2.77 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion: 77 Resp: 65445
Ion Ratio Lower Upper
77 100
182 150.6 9.3 49.3#
105 118.1 2.6 42.6#
51 28.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

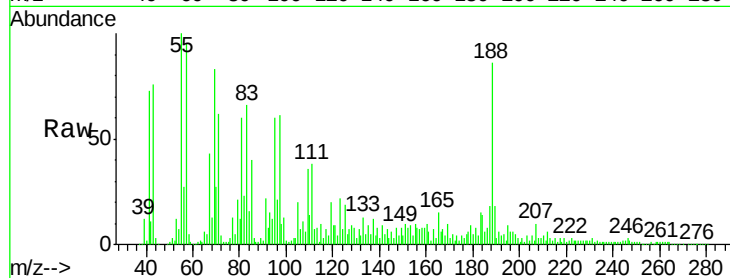
Tot Ion:188 Resp: 520561

Ion Ratio Lower Upper

188 100

94 14.5 6.1 9.1#

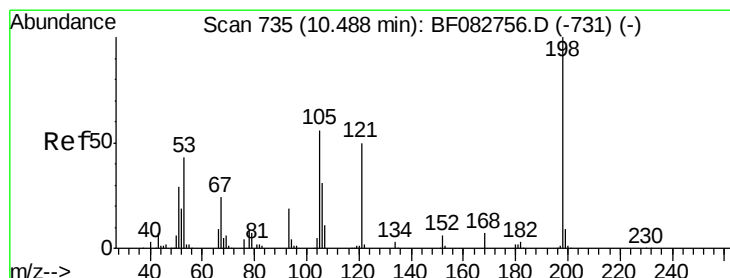
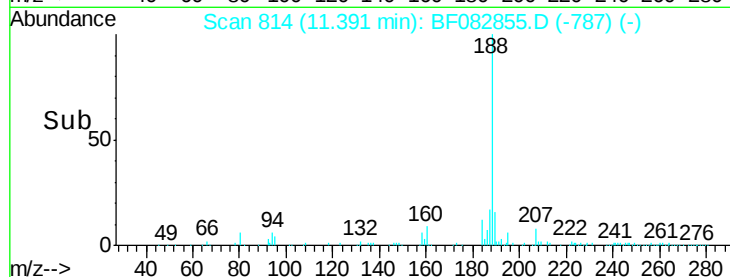
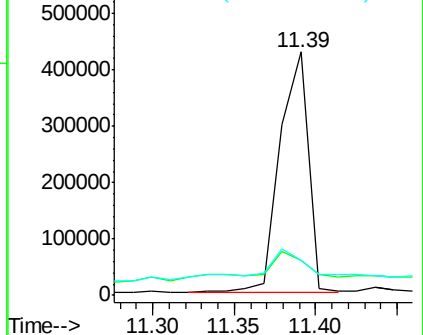
80 14.3 7.0 10.6#



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: 5.28 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

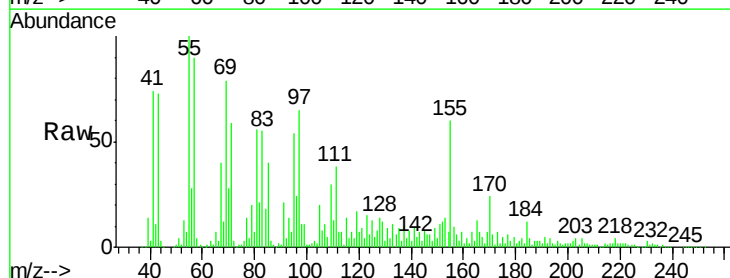
Tgt Ion:198 Resp: 19587

Ion Ratio Lower Upper

198 100

51 303.6 17.3 57.3#

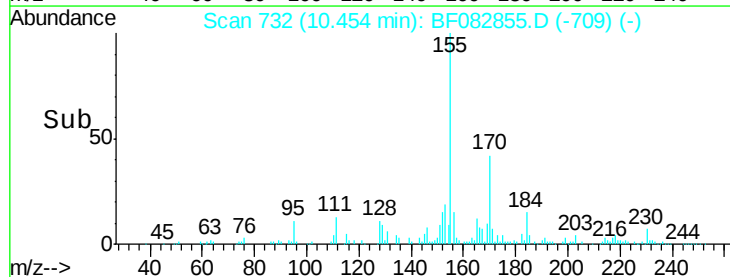
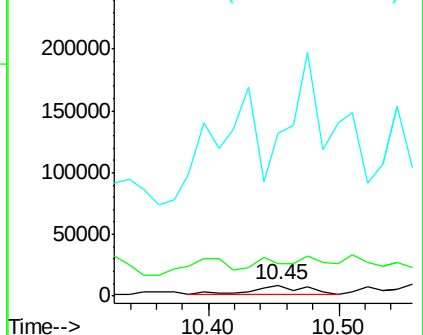
105 1512.6 21.7 61.7#

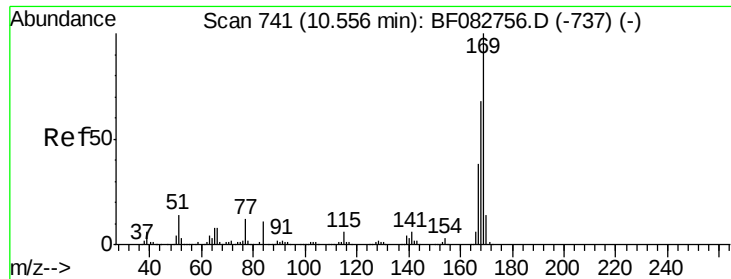


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.77 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampled :

GP3-16-16.5

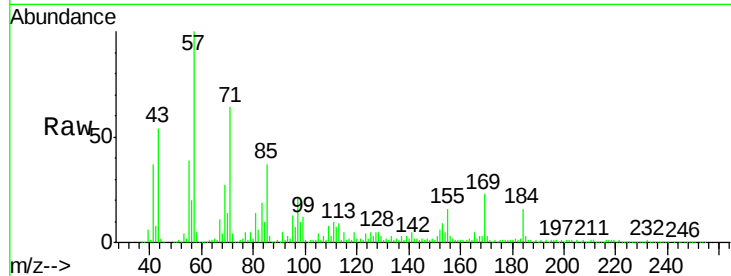
Tot Ion:169 Resp: 879509

Ion Ratio Lower Upper

169 100

168 14.0 55.0 82.6#

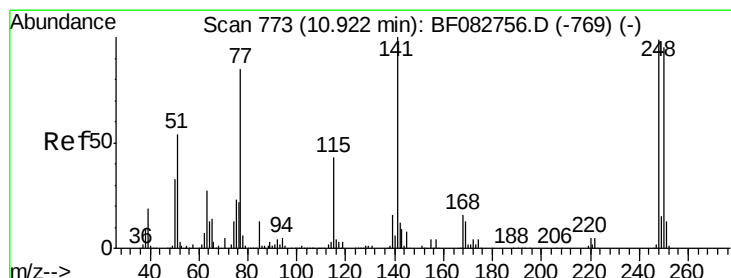
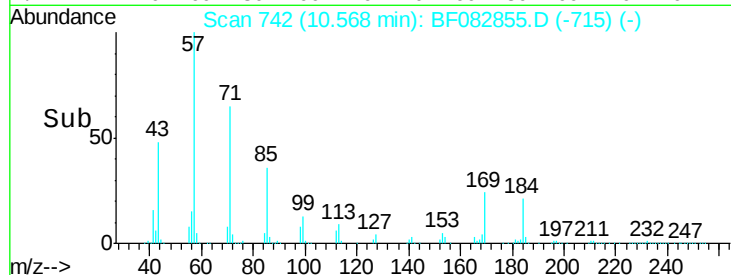
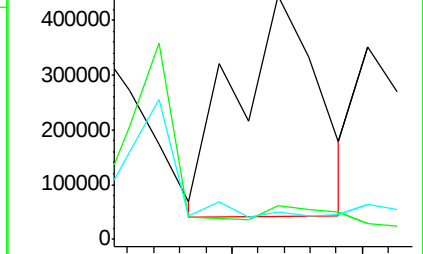
167 11.1 30.5 45.7#



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: 2.24 ng

RT: 10.96 min Scan# 776

Delta R.T. 0.03 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

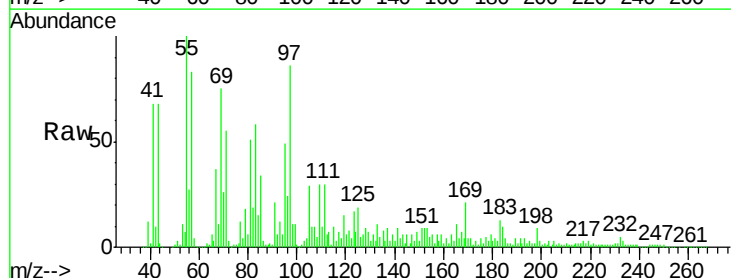
Tgt Ion:248 Resp: 14029

Ion Ratio Lower Upper

248 100

250 96.0 79.4 119.2

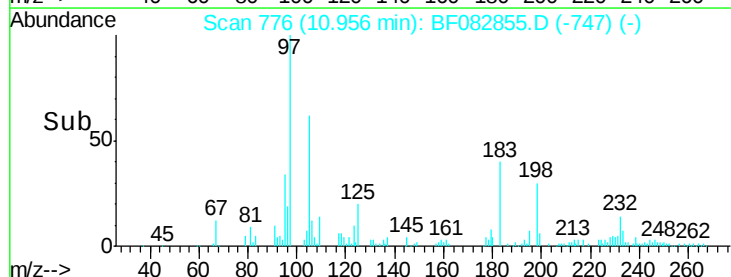
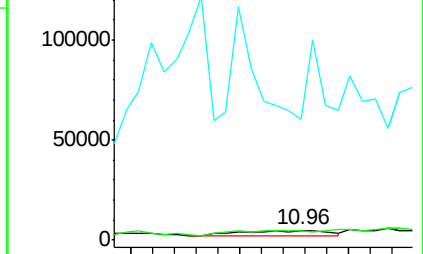
141 1230.5 36.3 54.5#

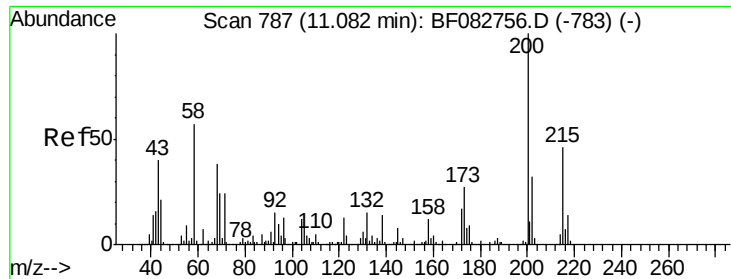


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

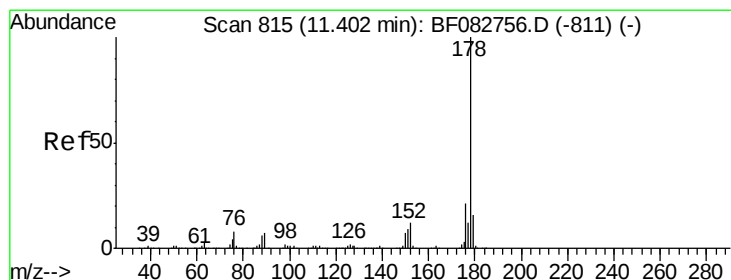
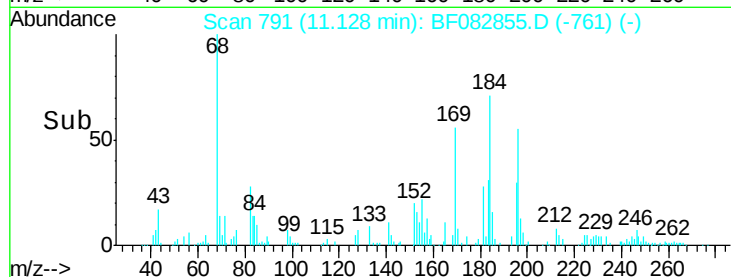
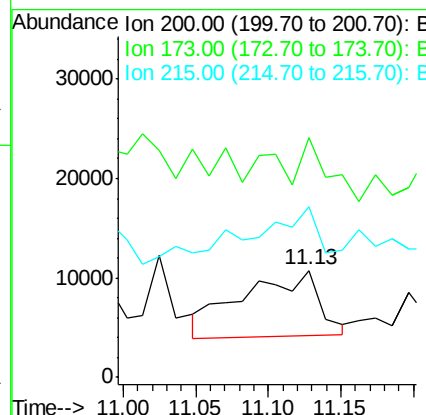
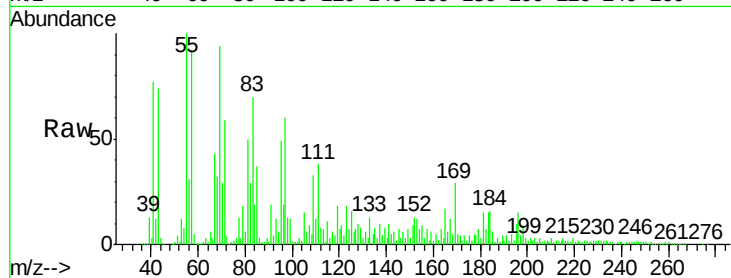




#68
Atrazine
Concen: 4.17 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.05 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

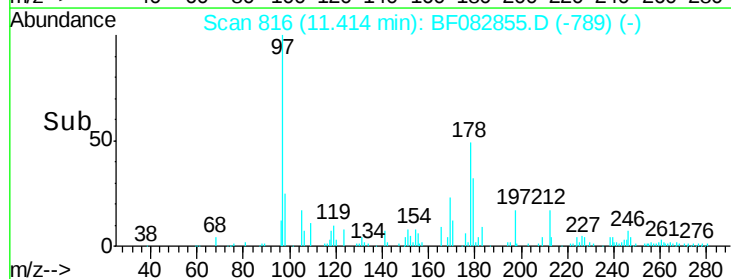
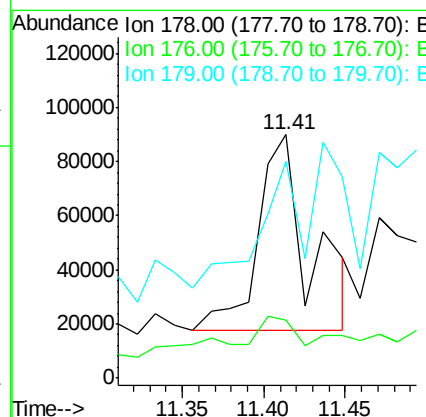
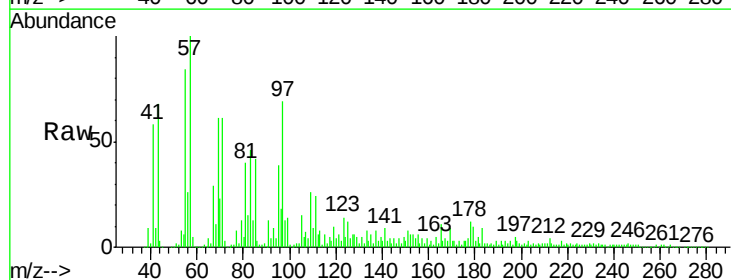
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

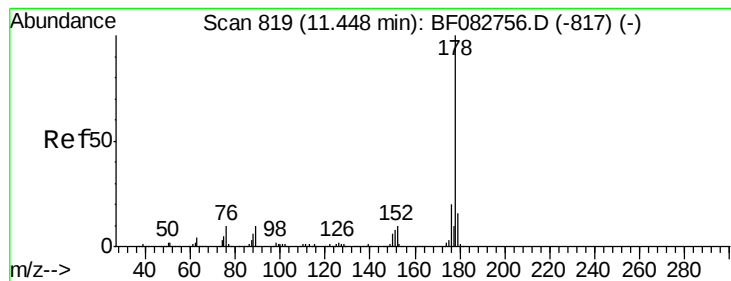
Tot Ion:200 Resp: 24255
Ion Ratio Lower Upper
200 100
173 224.4 6.9 46.9#
215 159.8 22.9 62.9#



#70
Phenanthrene
Concen: 5.22 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:178 Resp: 157810
Ion Ratio Lower Upper
178 100
176 23.6 17.0 25.4
179 89.2 13.4 20.0#





#71

Anthracene

Concen: 3.22 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.06 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

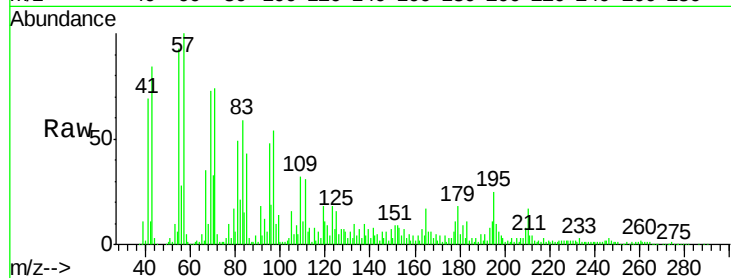
Tot Ion:178 Resp: 102544

Ion Ratio Lower Upper

178 100

176 28.8 16.5 24.7#

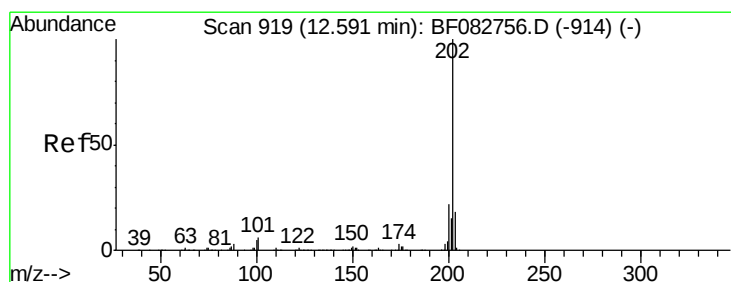
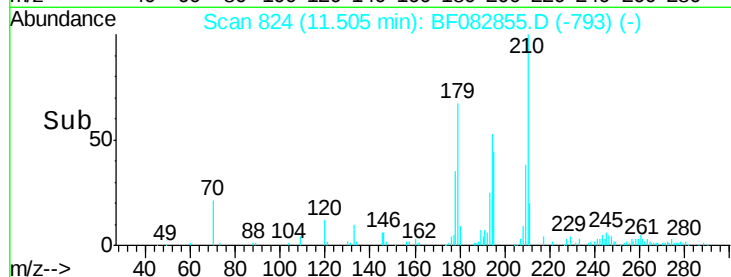
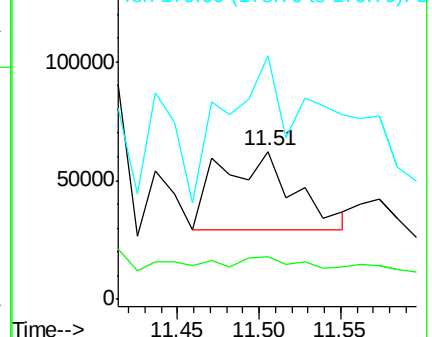
179 164.7 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 10.81 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.22 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

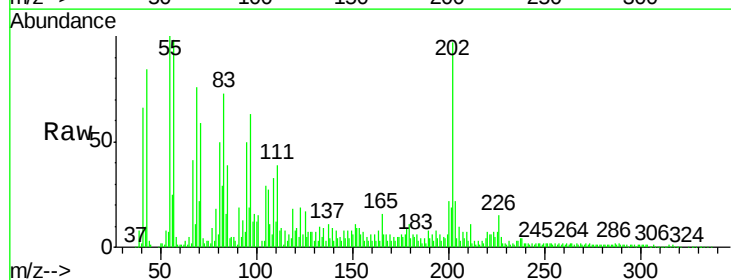
Tgt Ion:202 Resp: 350623

Ion Ratio Lower Upper

202 100

101 15.6 0.0 30.5

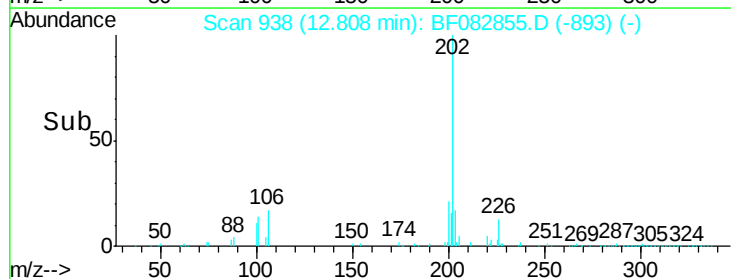
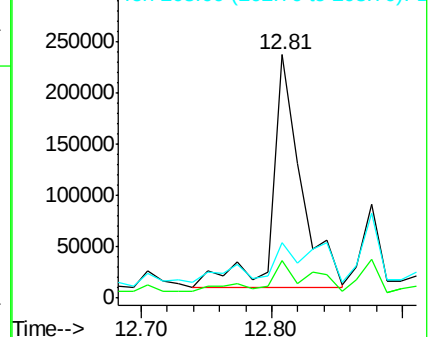
203 22.9 0.0 38.5

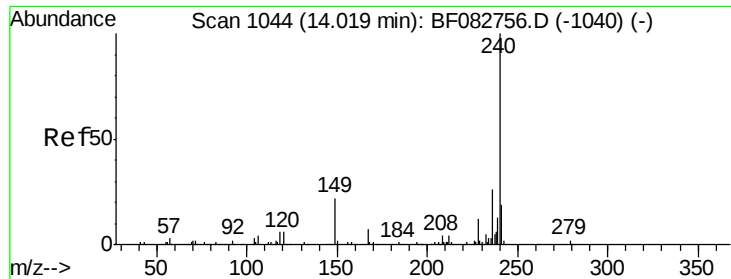


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

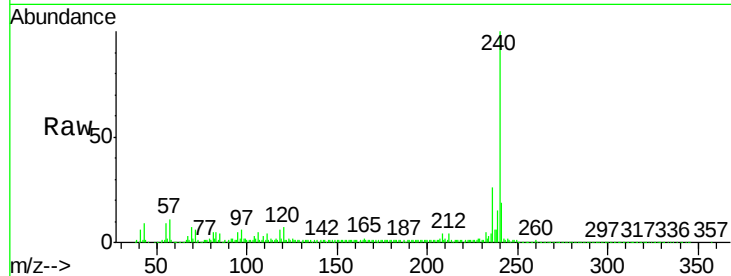
Tot Ion:240 Resp: 596968

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

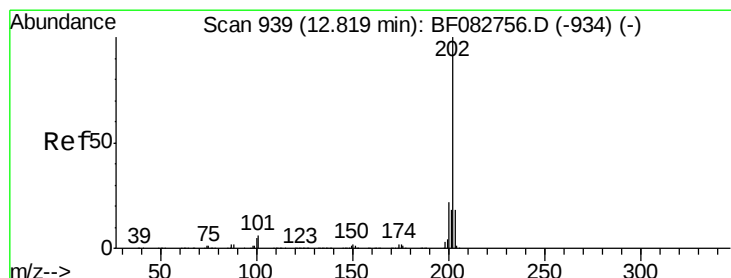
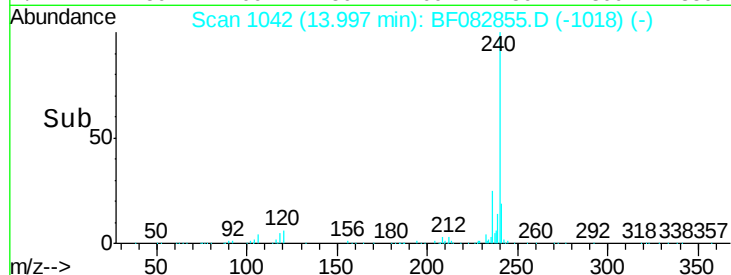
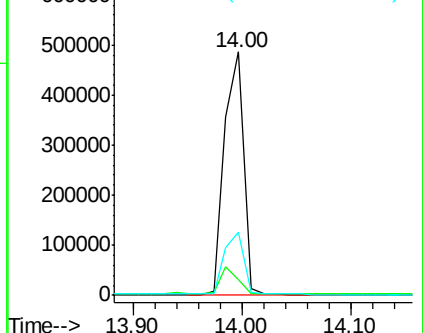
236 25.8 21.6 32.4



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



#77

Pyrene

Concen: 8.55 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

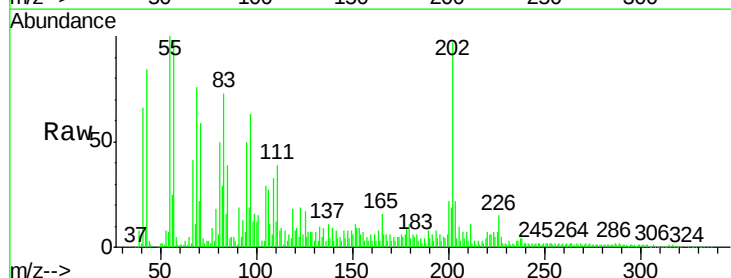
Tgt Ion:202 Resp: 350623

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

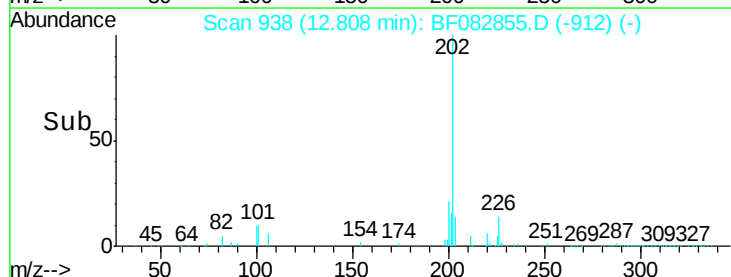
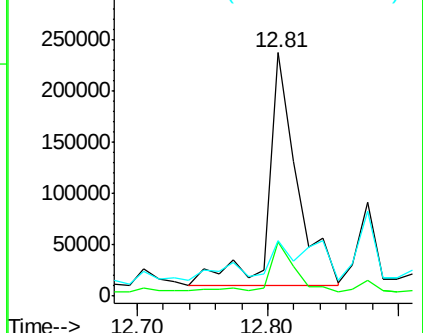
203 22.9 14.8 22.2#

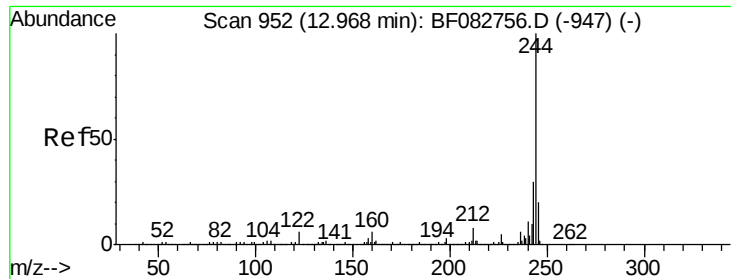


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.86 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

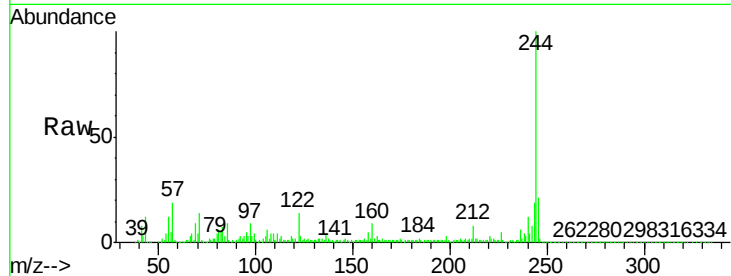
Tot Ion:244 Resp: 1833861

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

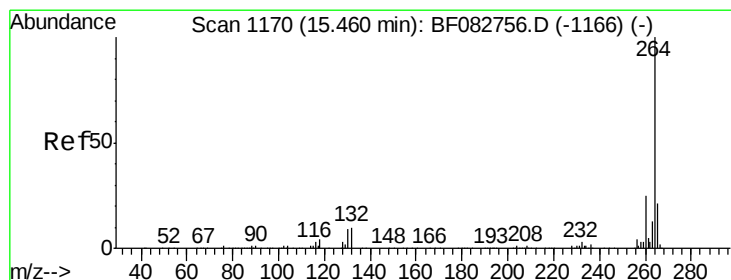
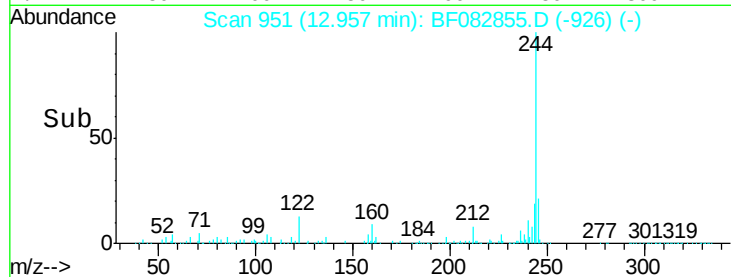
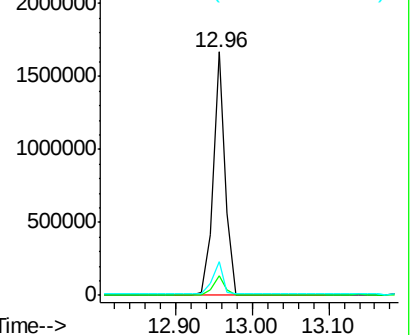
122 13.8 11.3 16.9



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

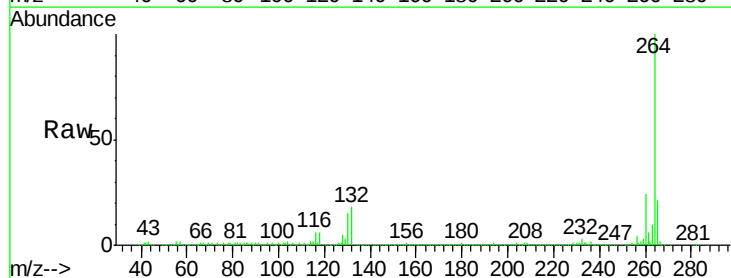
Tgt Ion:264 Resp: 492448

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.4 17.4 26.0



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

