

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080382.D
 Acq On : 7 Jul 2015 20:28
 Operator : TP/UM
 Sample : G2732-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SDDL

Quant Time: Jul 08 01:41:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	38313	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	145097	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	83665	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	124094	20.00	ng	0.01
75) Chrysene-d12	14.73	240	154452	20.00	ng	-0.01
86) Perylene-d12	16.57	264	145798	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	363210	173.62	ng	0.00
7) Phenol-d6	6.83	99	457551	165.01	ng	0.00
23) Nitrobenzene-d5	7.79	82	283660	114.03	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	98585	112.61	ng	0.01
44) 2-Fluorobiphenyl	9.60	172	474794	76.59	ng	0.00
78) Terphenyl-d14	13.47	244	616626	93.12	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.75	77	4270	2.77	ng	# 1
18) Hexachloroethane	7.72	117	6025	6.74	ng	# 1
19) n-Nitroso-di-n-propylamine	7.61	70	7995	4.44	ng	# 48
22) Acetophenone	7.62	105	24139	7.21	ng	# 46
24) Nitrobenzene	7.80	77	6987	2.80	ng	# 34
25) Isophorone	8.04	82	25177	5.26	ng	# 1
27) 2,4-Dimethylphenol	8.18	122	5701	2.68	ng	# 44
31) Naphthalene	8.54	128	195317	26.24	ng	# 90
32) Benzoic acid	8.18	122	5701	10.80	ng	# 55
33) 4-Chloroaniline	8.54	127	26633	8.98	ng	# 42
35) Caprolactam	8.94	113	62381	106.93	ng	# 74
36) 4-Chloro-3-methylphenol	9.08	107	6722	3.45	ng	# 43
37) 2-Methylnaphthalene	9.24	142	711606	149.97	ng	# 97
45) 1,1'-Biphenyl	9.70	154	144254	19.43	ng	# 95
47) 2-Nitroaniline	9.80	65	7379	4.66	ng	# 60
48) Acenaphthylene	10.16	152	68014	7.22	ng	# 1
49) Dimethylphthalate	10.00	163	44333	6.60	ng	# 84
50) 2,6-Dinitrotoluene	10.06	165	3934	2.80	ng	# 1
51) Acenaphthene	10.33	154	83350	14.77	ng	# 61
52) 3-Nitroaniline	10.25	138	11589	7.32	ng	# 37
53) 2,4-Dinitrophenol	10.32	184	319	8.12	ng	# 1
54) Dibenzofuran	10.50	168	64841	8.08	ng	# 1
55) 4-Nitrophenol	10.40	139	59949	51.69	ng	# 66
56) 2,4-Dinitrotoluene	10.46	165	11986	6.64	ng	# 72
57) Fluorene	10.85	166	172423	24.96	ng	# 72
61) 4-Nitroaniline	10.76	138	12801	8.33	ng	# 94
62) Azobenzene	10.99	77	19703	3.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.84	198	6043	12.74	ng	# 1
65) n-Nitrosodiphenylamine	10.96	169	350890	88.77	ng	# 41
68) Atrazine	11.51	200	10892	9.26	ng	# 5
70) Phenanthrene	11.83	178	580563	78.00	ng	# 98
71) Anthracene	11.83	178	580563	79.55	ng	# 96
72) Carbazole	12.02	167	33894	4.98	ng	# 13
74) Fluoranthene	13.07	202	18191	2.27	ng	# 71

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

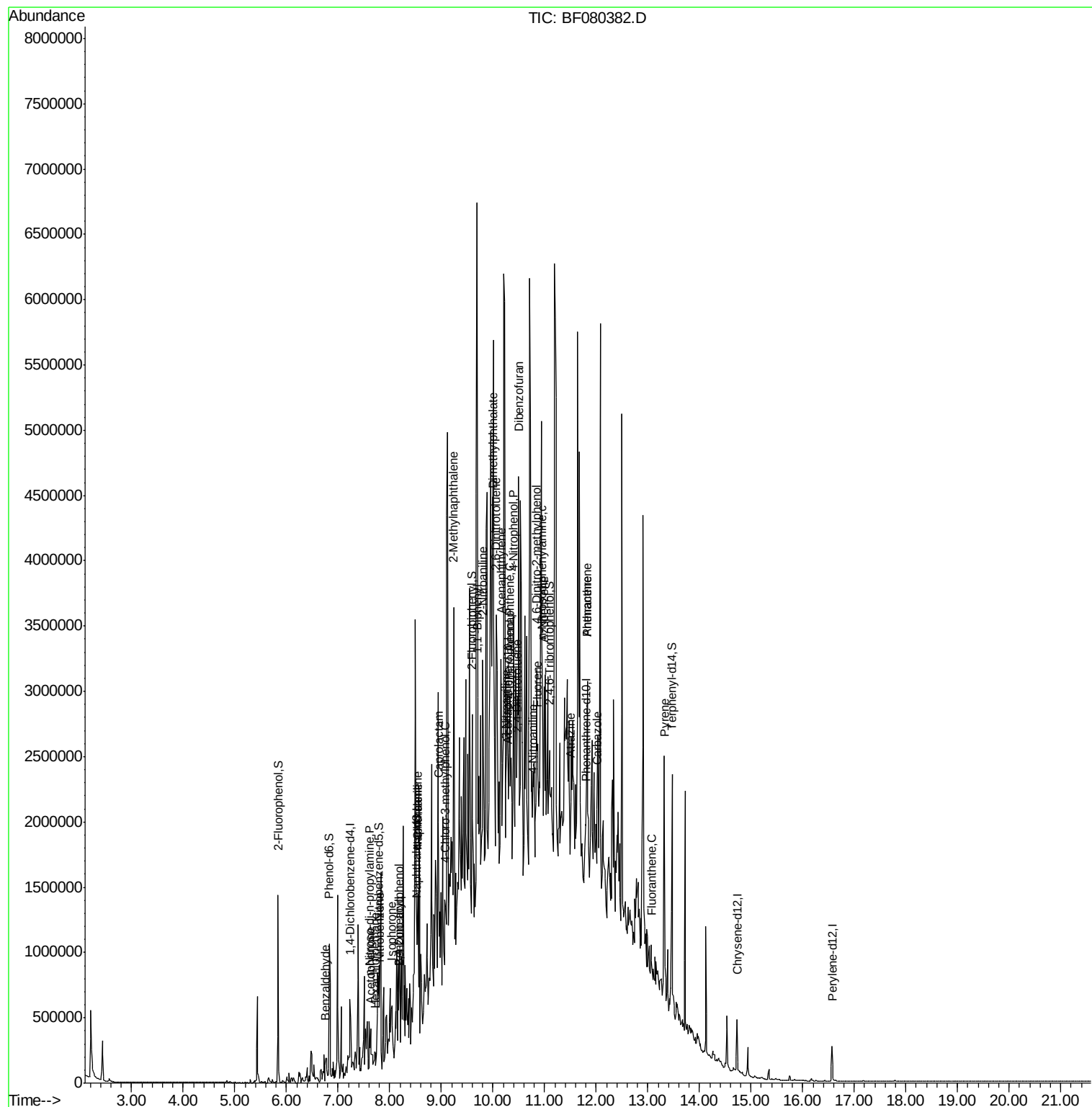
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	13.32	202	66483	7.12	ng	# 94

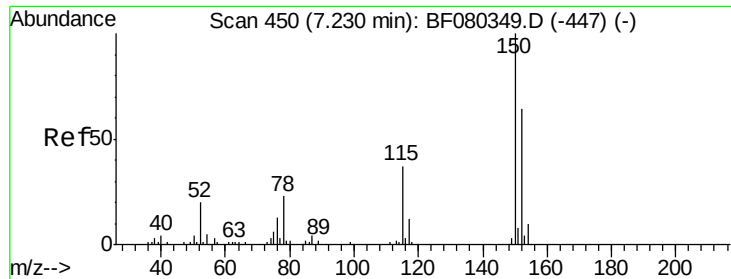
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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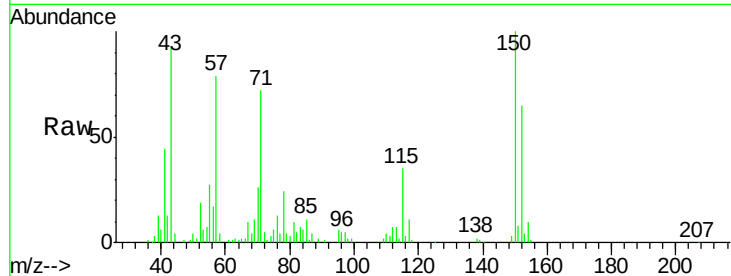


#1

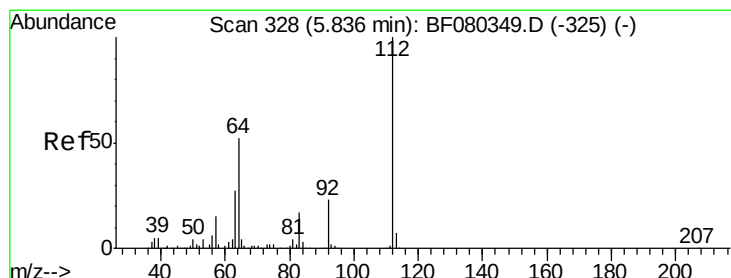
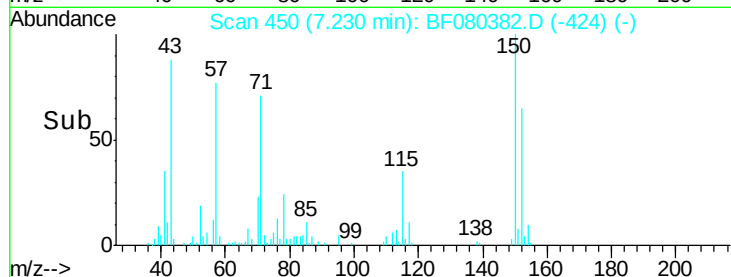
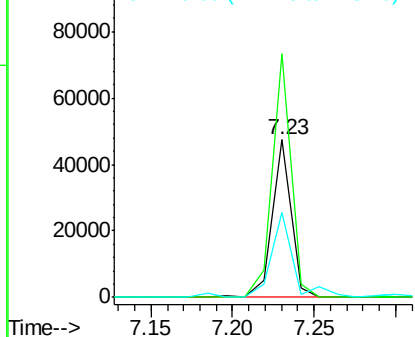
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Instrument :
BNA_F
ClientSampleId :
SDDL

Tgt Ion:152 Resp: 38313
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 54.1 45.7 68.5



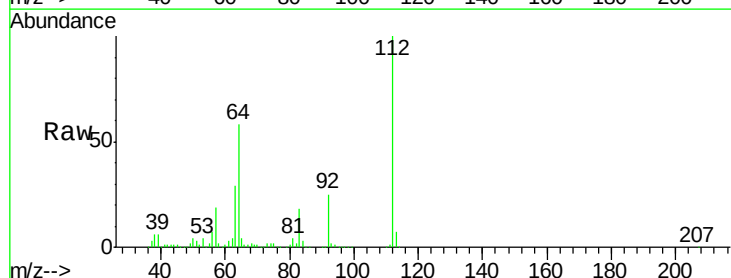
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



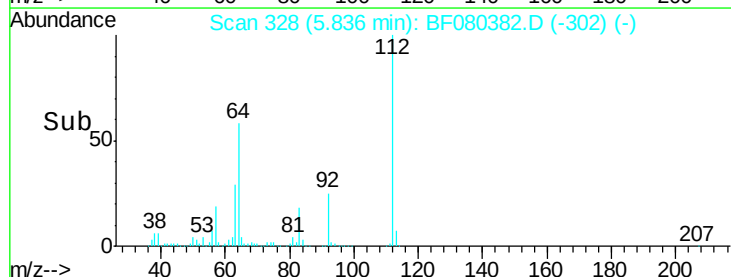
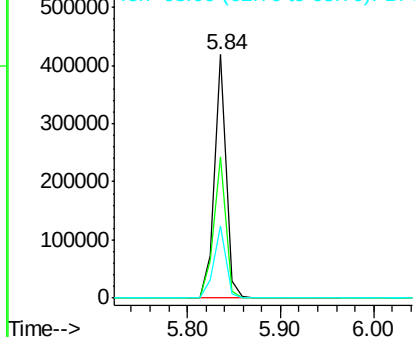
#5

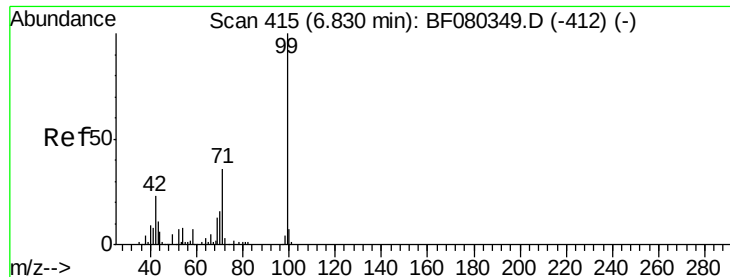
2-Fluorophenol
Concen: 173.62 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:112 Resp: 363210
Ion Ratio Lower Upper
112 100
64 57.8 41.8 62.6
63 29.4 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: 165.01 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

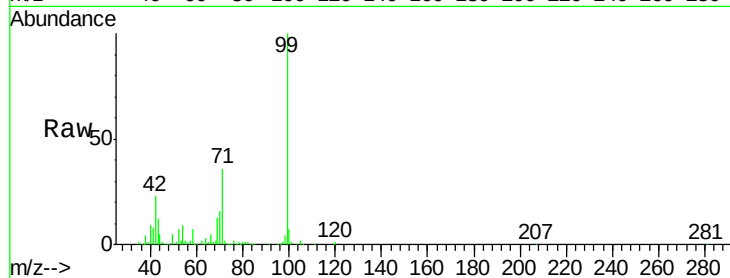
Tgt Ion: 99 Resp: 457551

Ion Ratio Lower Upper

99 100

42 22.6 18.5 27.7

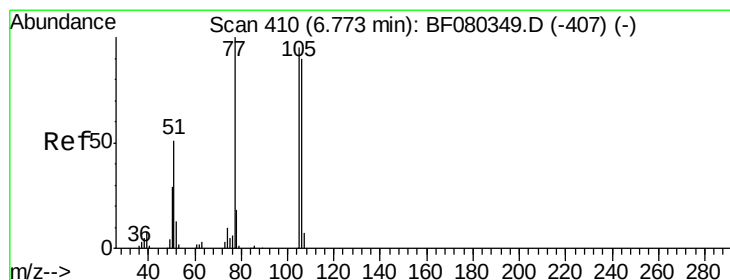
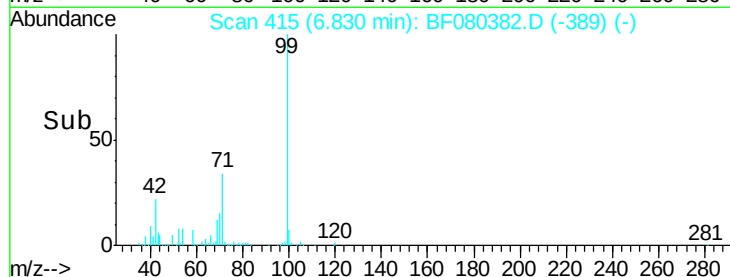
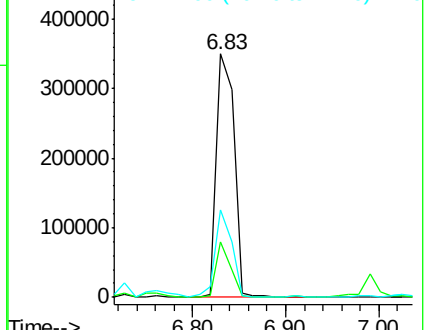
71 35.7 28.5 42.7



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: 2.77 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

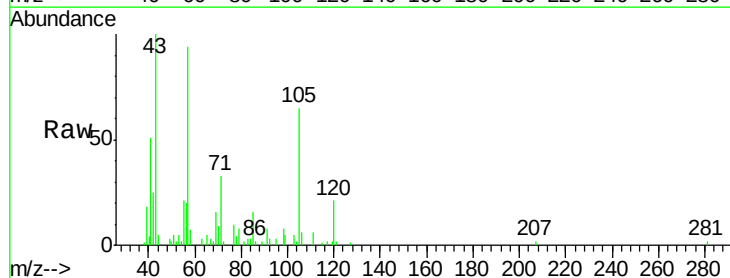
Tgt Ion: 77 Resp: 4270

Ion Ratio Lower Upper

77 100

105 680.9 75.2 115.2#

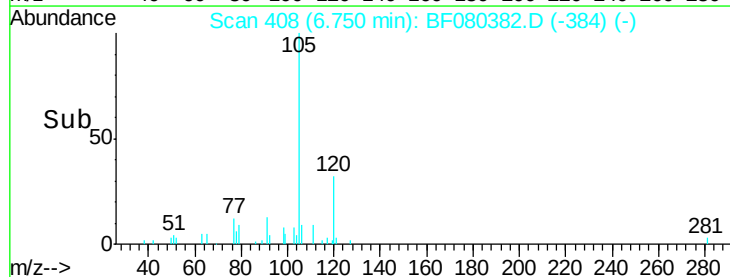
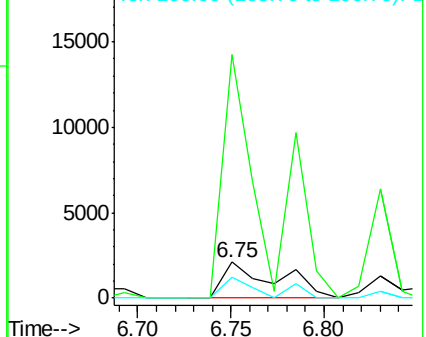
106 59.3 69.9 109.9#

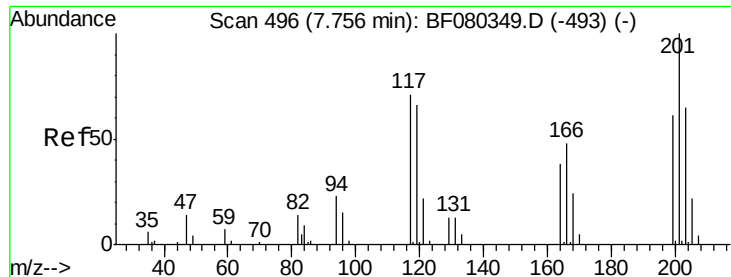


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

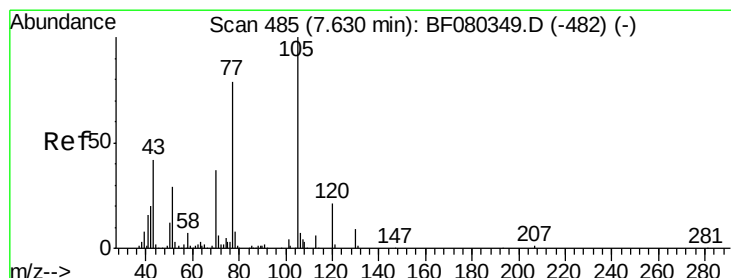
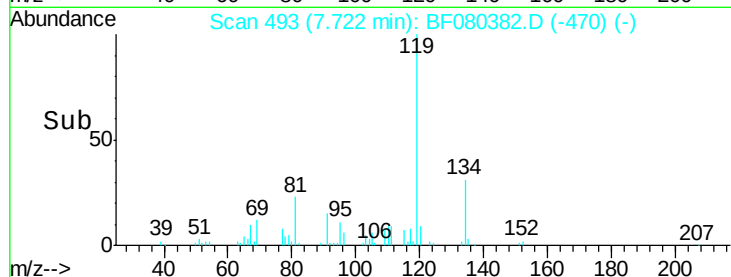
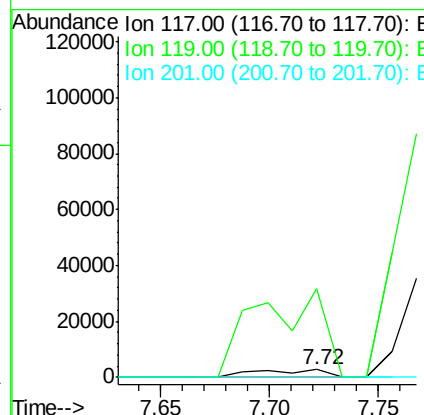
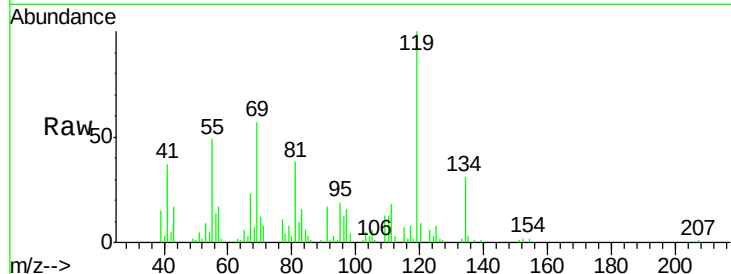




#18
Hexachloroethane
Concen: 6.74 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

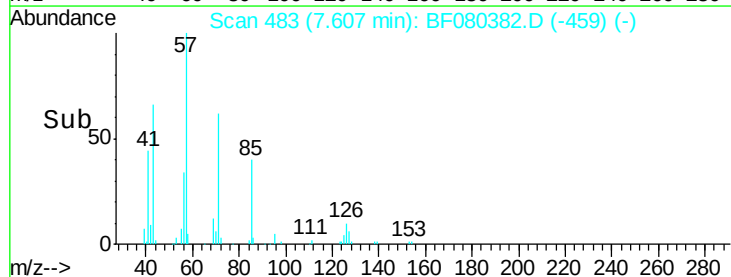
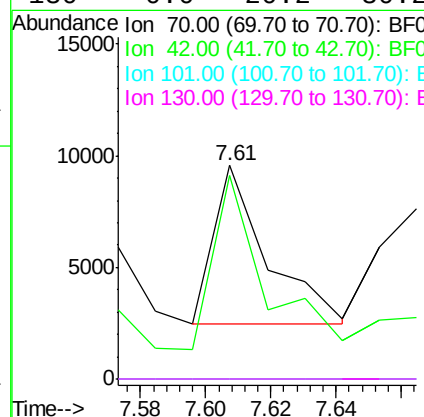
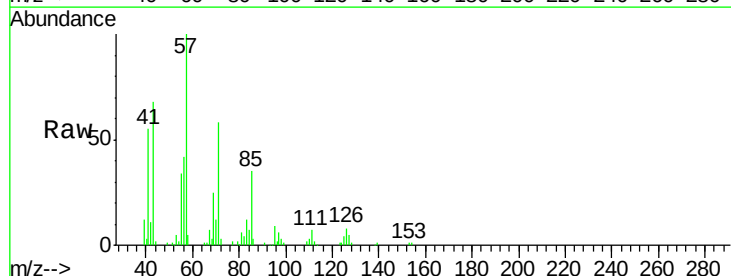
Instrument :
BNA_F
ClientSampleId :
SDDL

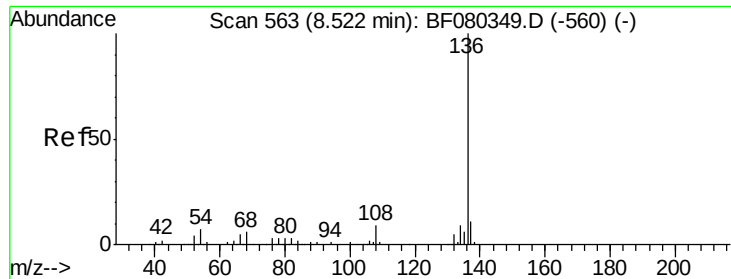
Tgt Ion: 117 Resp: 6025
Ion Ratio Lower Upper
117 100
119 1177.1 74.2 111.4#
201 0.0 112.4 168.6#



#19
n-Nitroso-di-n-propylamine
Concen: 4.44 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion: 70 Resp: 7995
Ion Ratio Lower Upper
70 100
42 95.2 43.0 64.6#
101 0.0 8.3 12.5#
130 0.0 20.2 30.2#

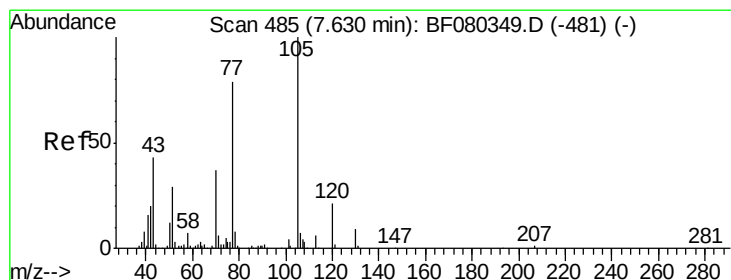
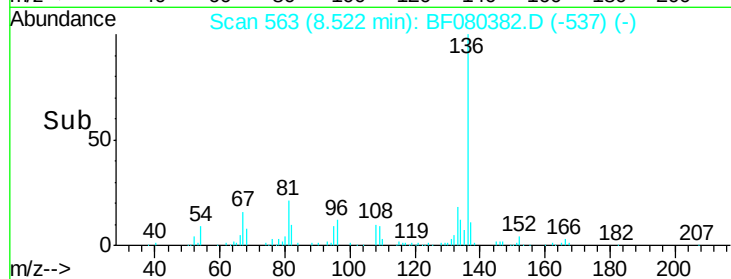
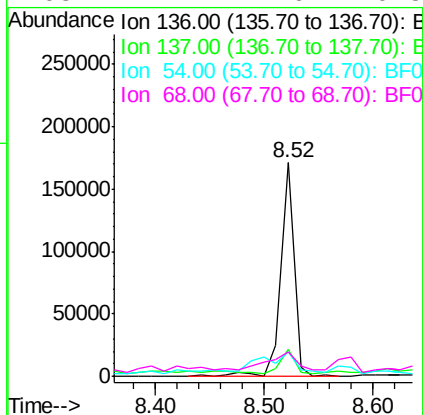
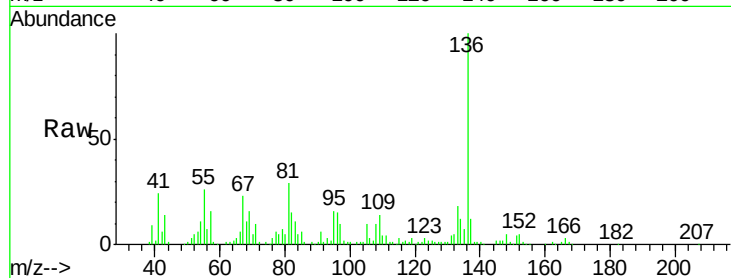




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

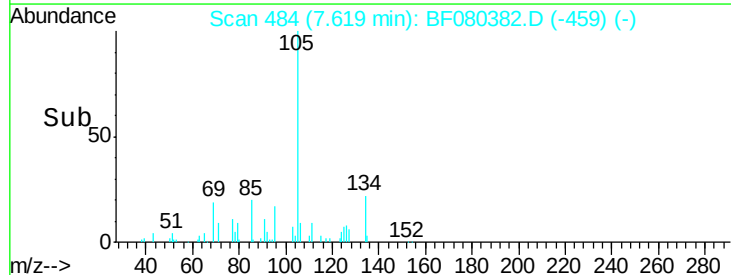
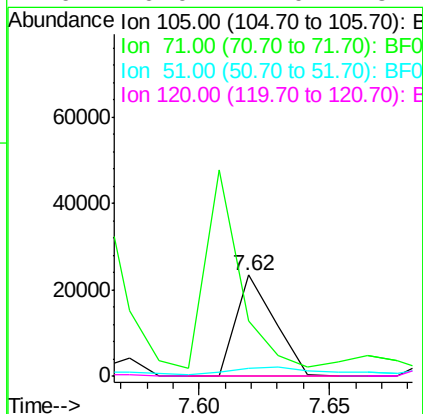
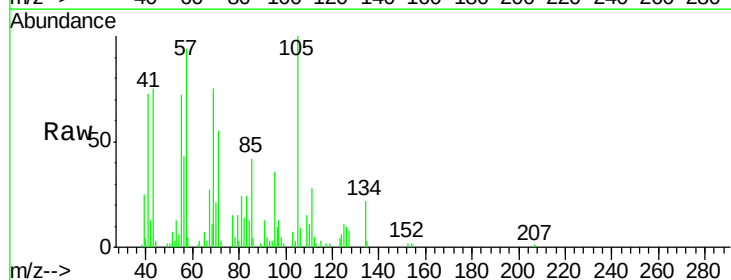
Instrument :
BNA_F
ClientSampled :
SDDL

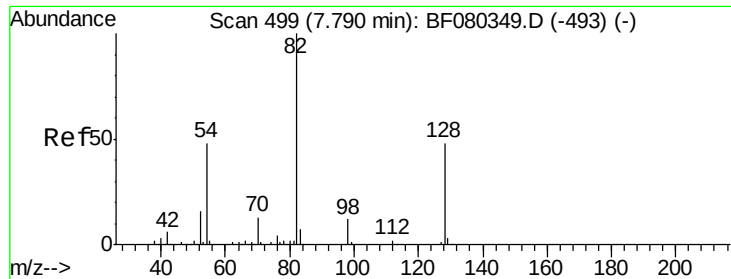
Tgt Ion:	136	Resp:	145097
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.5	12.7
54	11.3	5.8	8.8#
68	11.2	4.6	6.8#



#22
Acetophenone
Concen: 7.21 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:	105	Resp:	24139
Ion	Ratio	Lower	Upper
105	100		
71	55.0	5.0	7.6#
51	7.4	23.2	34.8#
120	0.0	17.0	25.4#

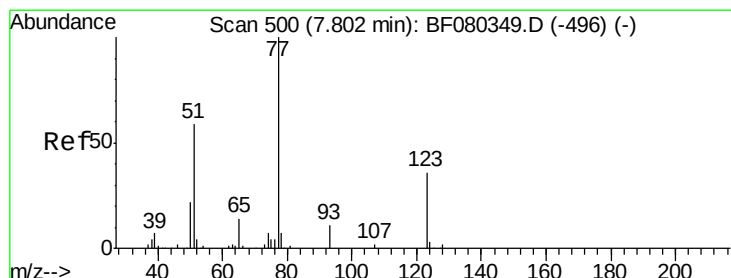
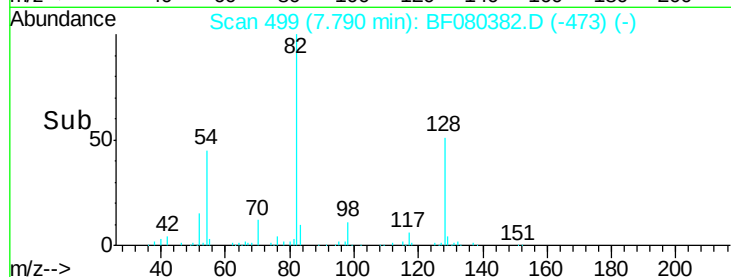
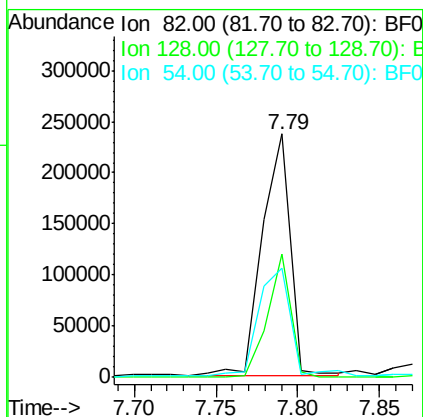
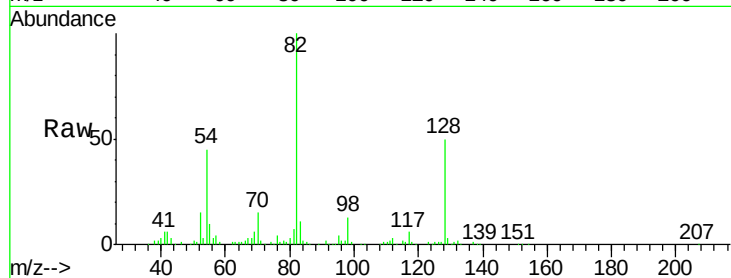




#23
 Nitrobenzene-d5
 Concen: 114.03 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

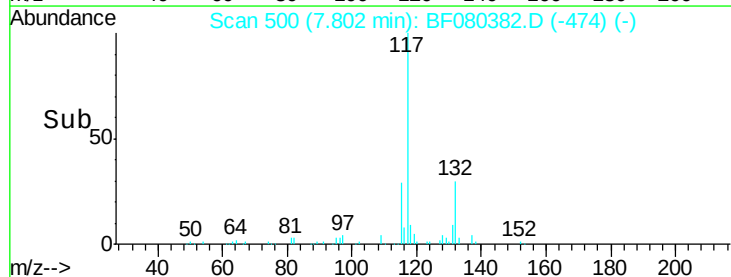
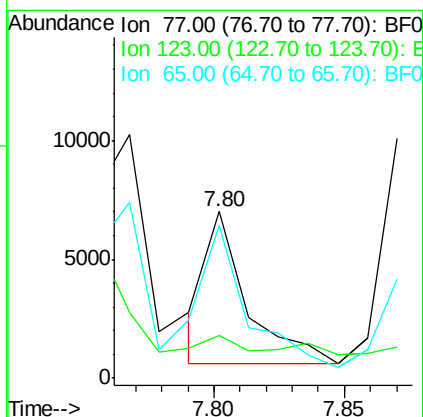
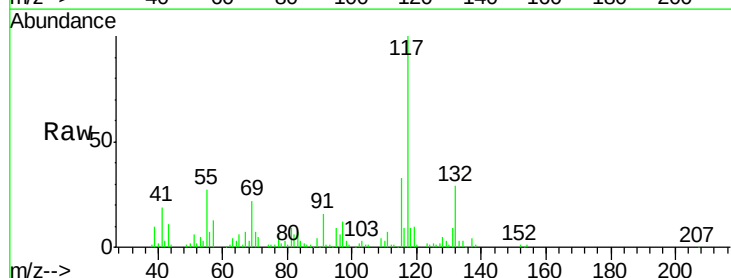
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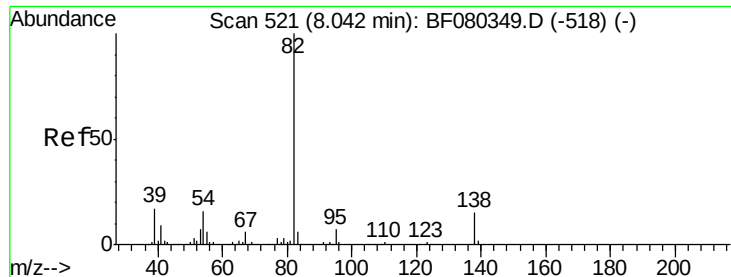
Tgt Ion: 82 Resp: 283660
 Ion Ratio Lower Upper
 82 100
 128 50.5 38.4 57.6
 54 44.9 38.2 57.2



#24
 Nitrobenzene
 Concen: 2.80 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion: 77 Resp: 6987
 Ion Ratio Lower Upper
 77 100
 123 25.7 29.6 44.4#
 65 91.4 11.1 16.7#





#25

Isophorone

Concen: 5.26 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

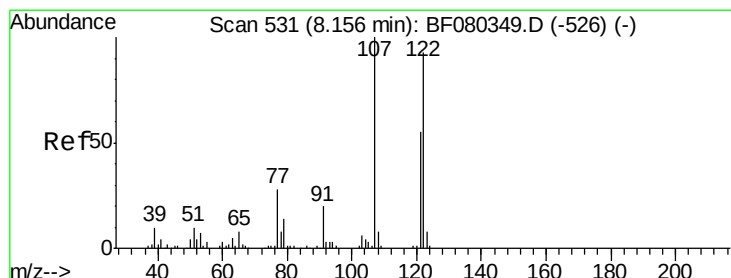
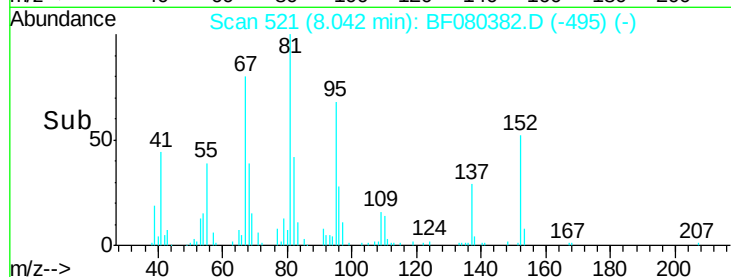
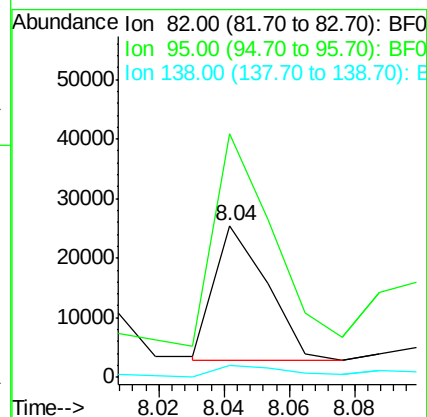
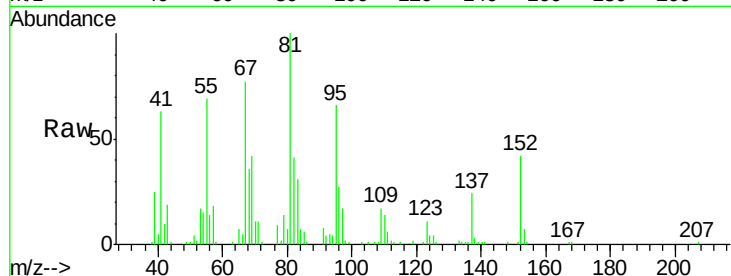
Tgt Ion: 82 Resp: 25177

Ion Ratio Lower Upper

82 100

95 160.4 5.2 7.8#

138 8.0 12.0 18.0#



#27

2,4-Dimethylphenol

Concen: 2.68 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.02 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

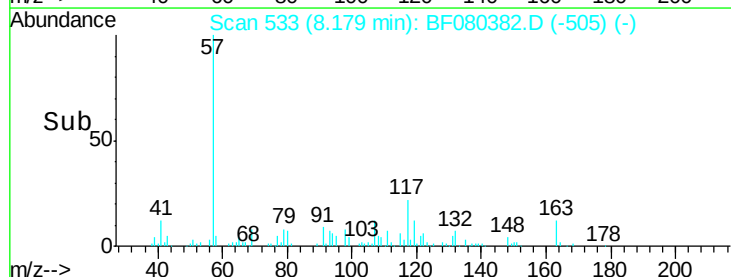
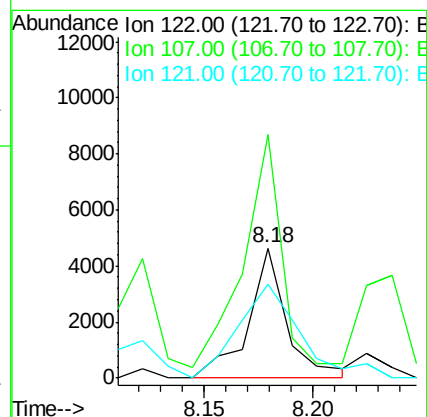
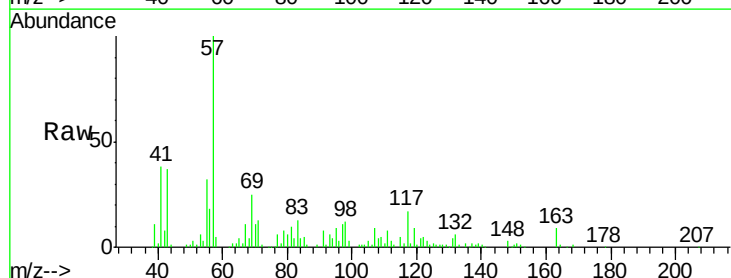
Tgt Ion: 122 Resp: 5701

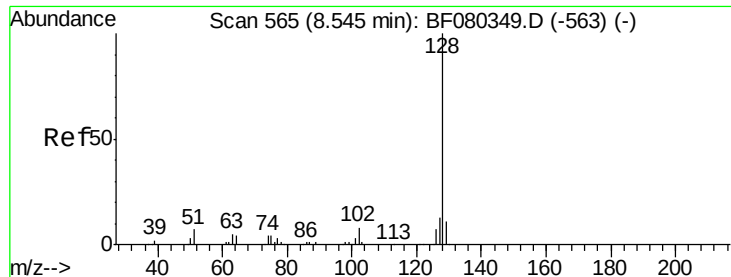
Ion Ratio Lower Upper

122 100

107 187.3 85.8 128.6#

121 72.6 46.9 70.3#

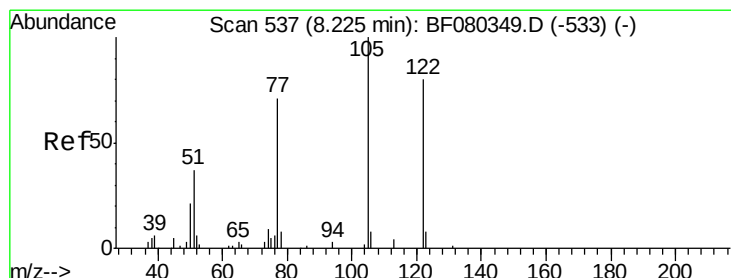
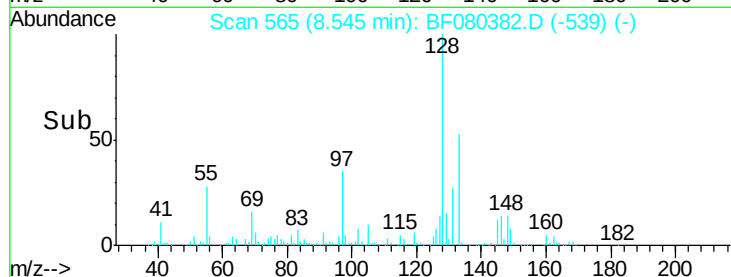
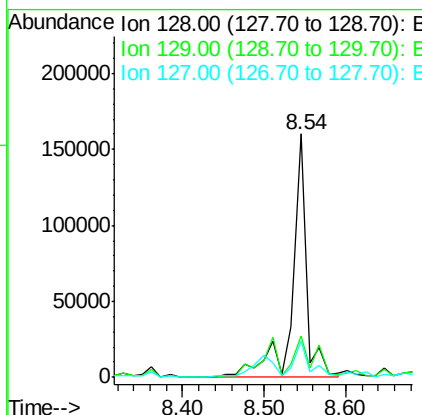
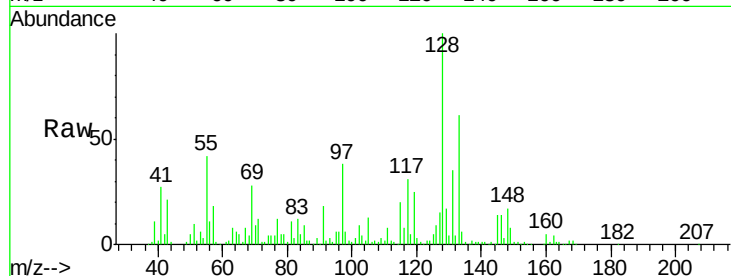




#31
Naphthalene
Concen: 26.24 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

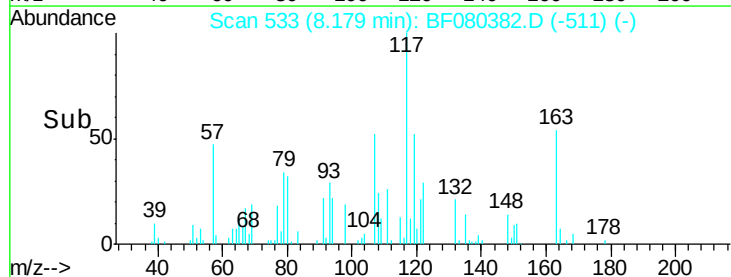
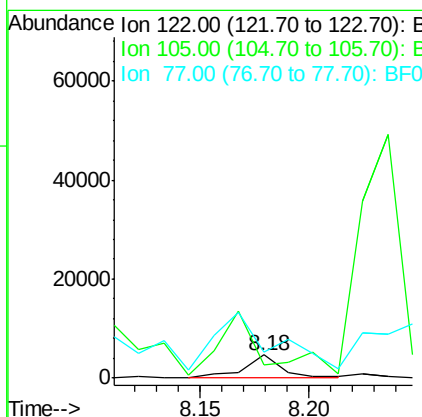
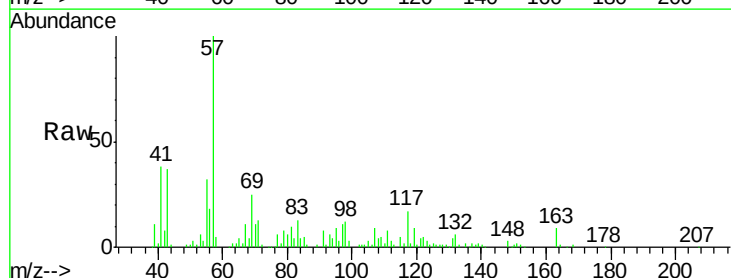
Instrument :
BNA_F
ClientSampleId :
SDDL

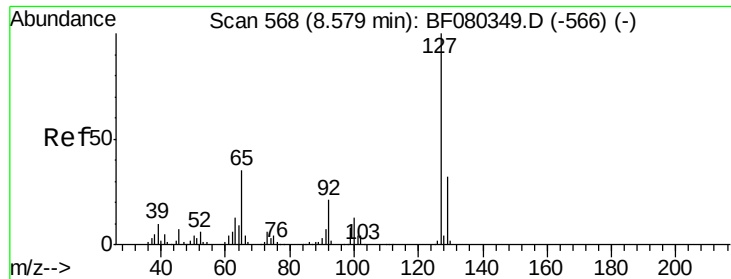
Tgt Ion:128 Resp: 195317
Ion Ratio Lower Upper
128 100
129 17.2 8.8 13.2#
127 15.0 10.4 15.6



#32
Benzoic acid
Concen: 10.80 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.05 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:122 Resp: 5701
Ion Ratio Lower Upper
122 100
105 55.3 102.2 142.2#
77 112.7 68.8 108.8#

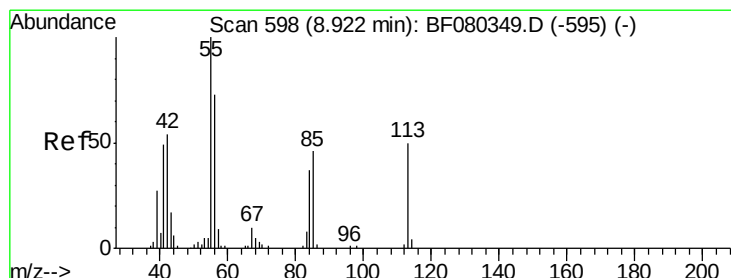
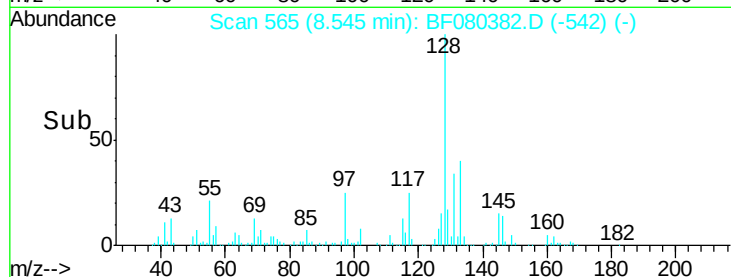
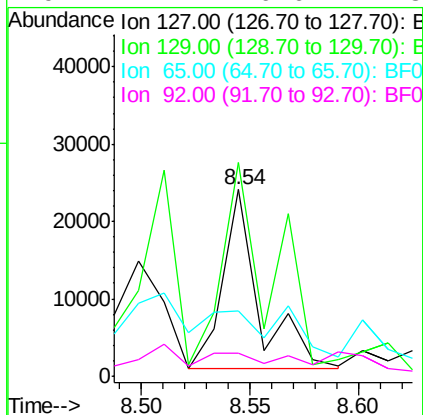
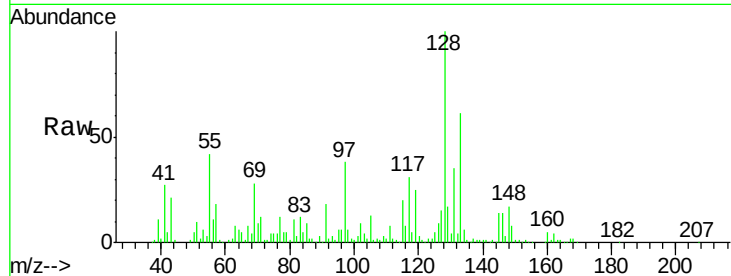




#33
4-Chloroaniline
Concen: 8.98 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.03 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

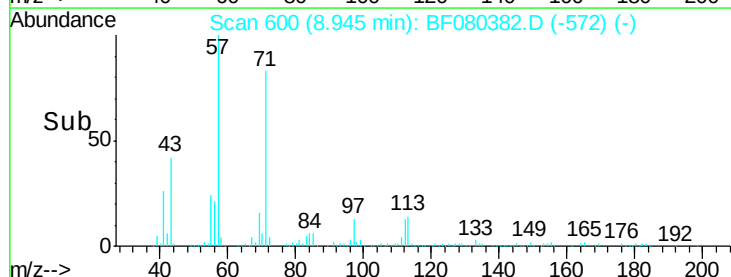
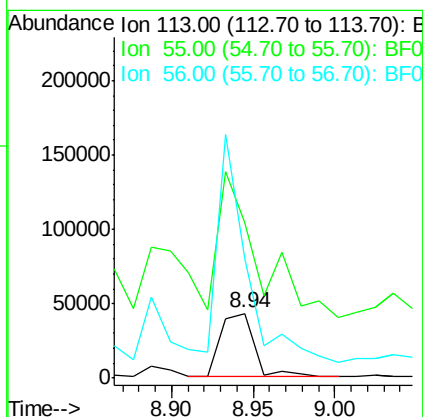
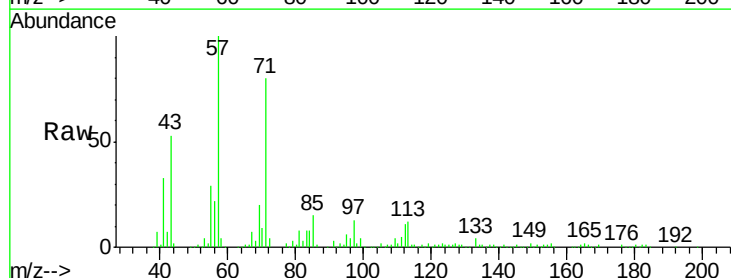
Instrument :
BNA_F
ClientSampleId :
SDDL

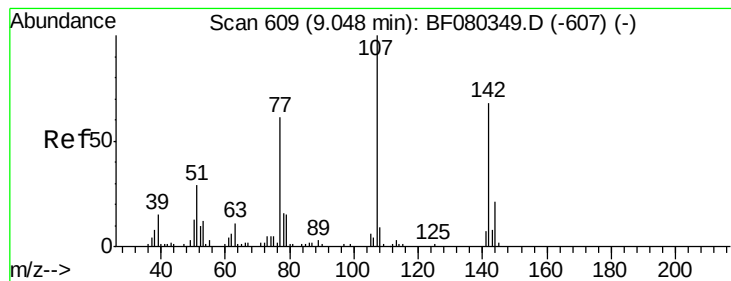
Tgt Ion:	127	Resp:	26633
Ion	Ratio	Lower	Upper
127	100		
129	114.4	26.2	39.2#
65	35.0	28.1	42.1
92	12.1	16.6	24.8#



#35
Caprolactam
Concen: 106.93 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:	113	Resp:	62381
Ion	Ratio	Lower	Upper
113	100		
55	238.7	181.4	221.4#
56	183.9	127.3	167.3#

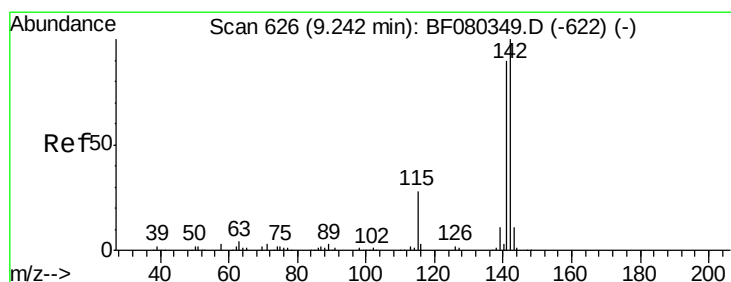
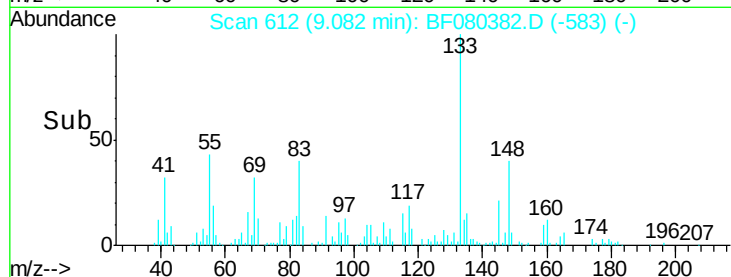
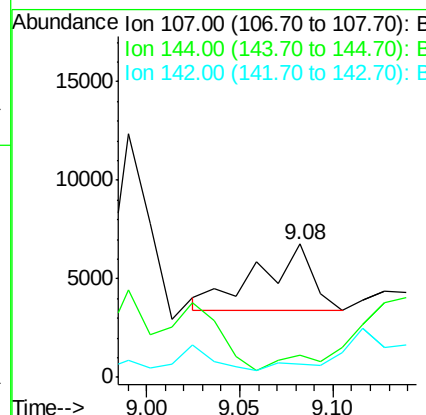
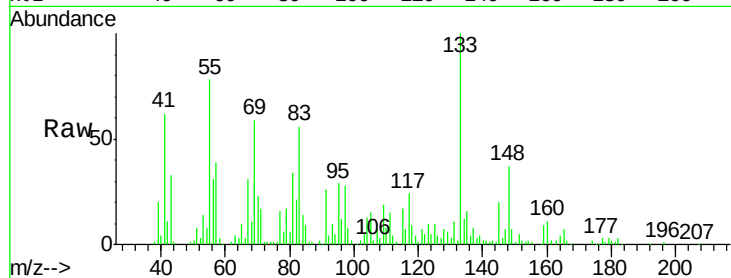




#36
4-Chloro-3-methylphenol
Concen: 3.45 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.03 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

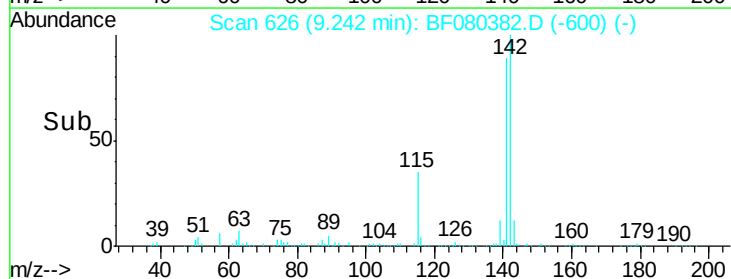
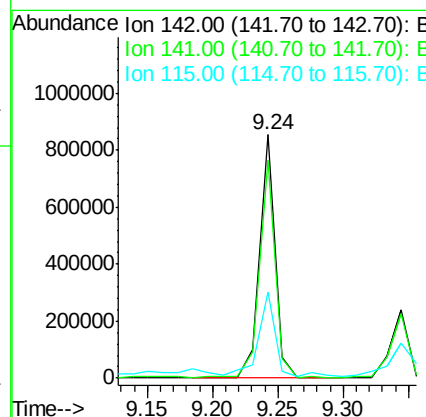
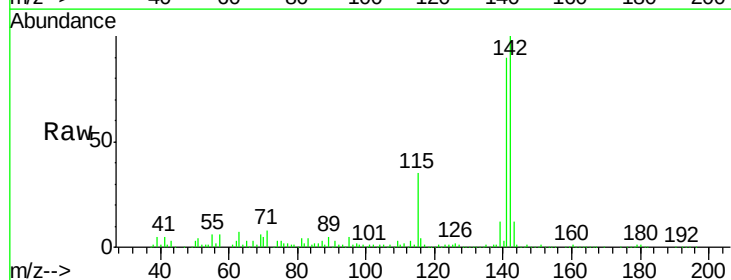
Instrument :
BNA_F
ClientSampleId :
SDDL

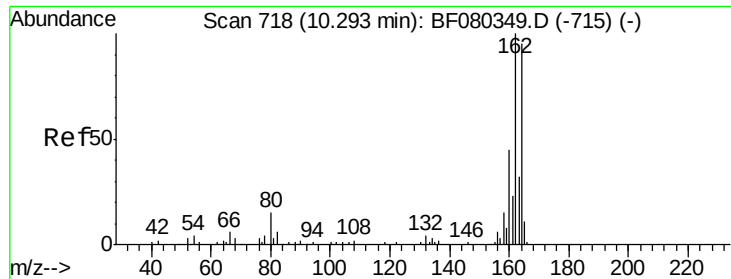
Tgt Ion:107 Resp: 6722
Ion Ratio Lower Upper
107 100
144 16.6 16.7 25.1#
142 9.6 54.4 81.6#



#37
2-Methylnaphthalene
Concen: 149.97 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:142 Resp: 711606
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.8
115 35.4 22.6 34.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

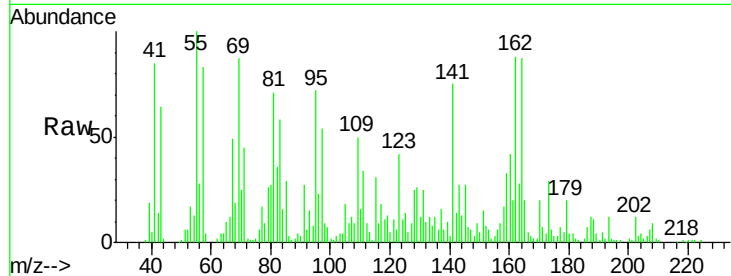
Tgt Ion:164 Resp: 83665

Ion Ratio Lower Upper

164 100

162 101.3 84.5 126.7

160 48.3 37.7 56.5



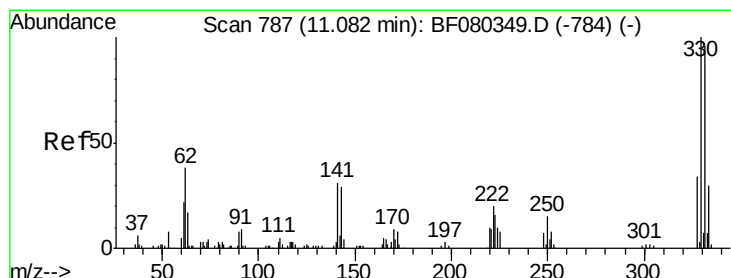
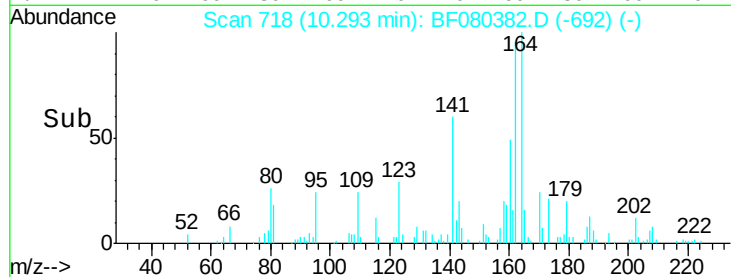
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

10.29

Time-->



#41

2,4,6-Tribromophenol

Concen: 112.61 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

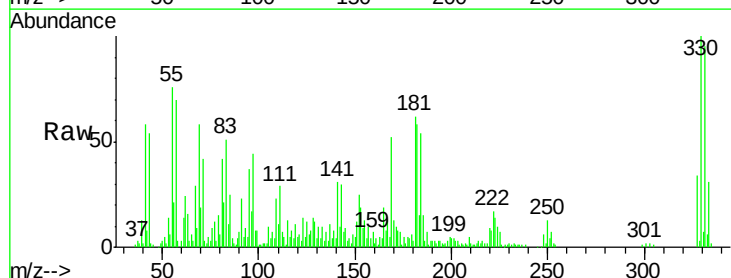
Tgt Ion:330 Resp: 98585

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.4

141 73.4 29.6 44.4#



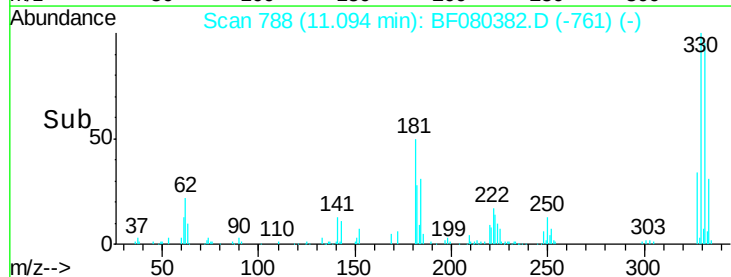
Abundance Ion 329.80 (329.50 to 330.50): E

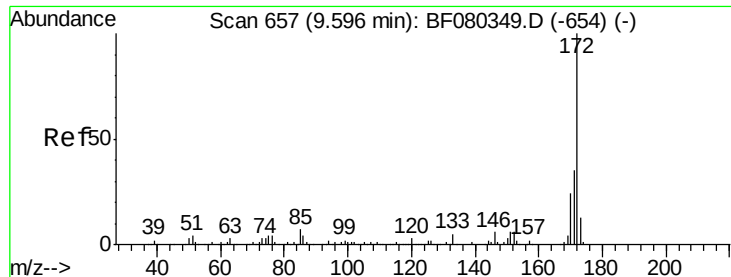
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

11.09

Time-->





#44

2-Fluorobiphenyl

Concen: 76.59 ng

RT: 9.60 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

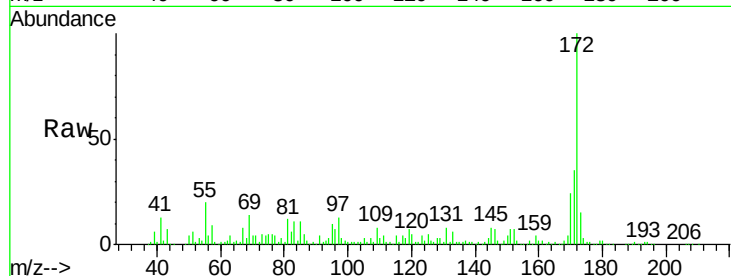
Tgt Ion:172 Resp: 474794

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

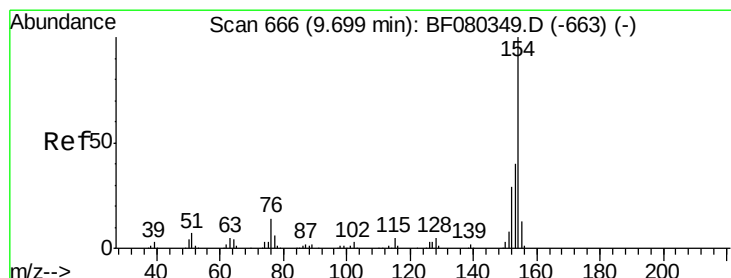
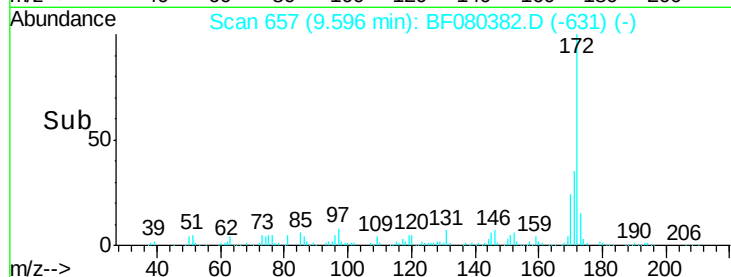
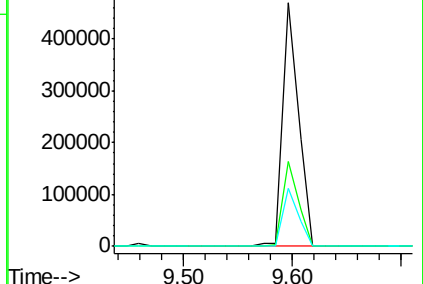
170 23.8 19.1 28.7



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



#45

1,1'-Biphenyl

Concen: 19.43 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

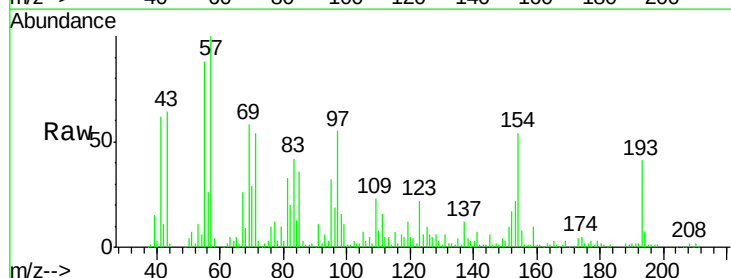
Tgt Ion:154 Resp: 144254

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

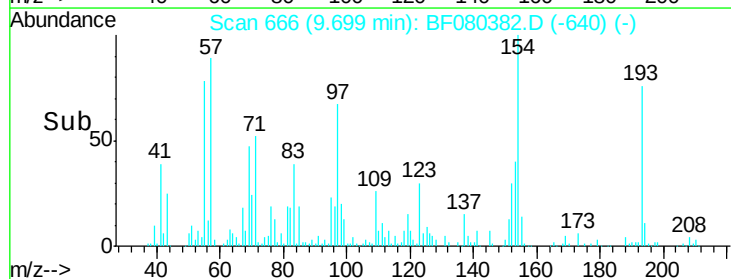
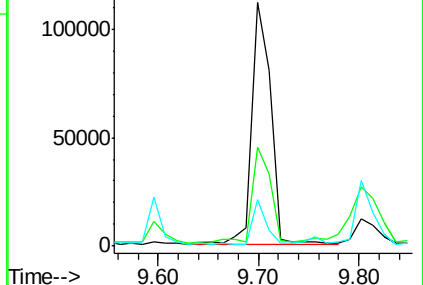
76 19.2 0.0 33.6

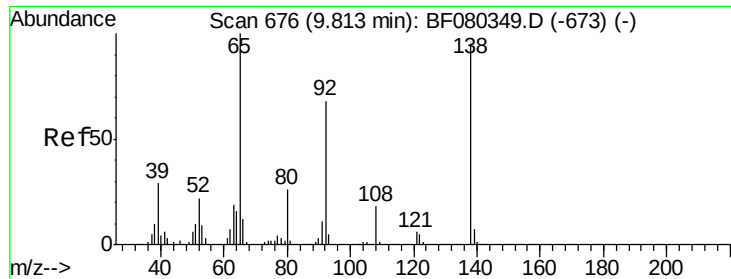


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 4.66 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

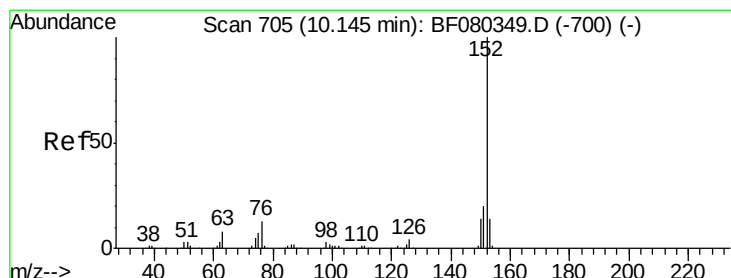
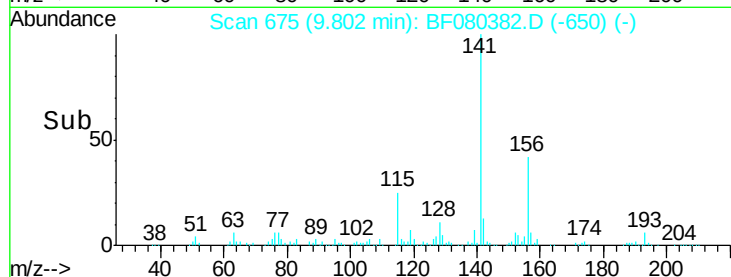
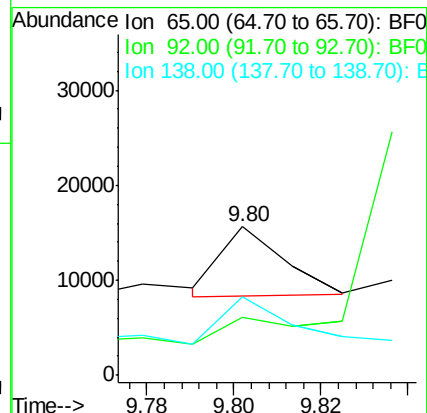
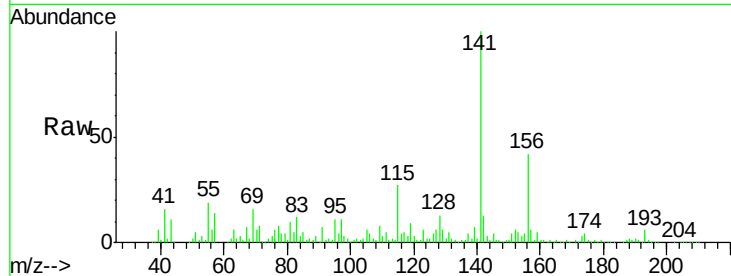
Tgt Ion: 65 Resp: 7379

Ion Ratio Lower Upper

65 100

92 39.2 54.2 81.2#

138 52.8 76.1 114.1#



#48

Acenaphthylene

Concen: 7.22 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

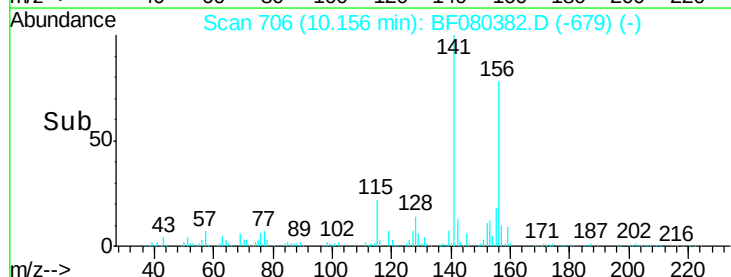
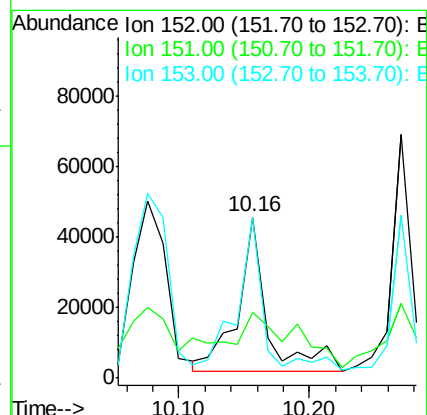
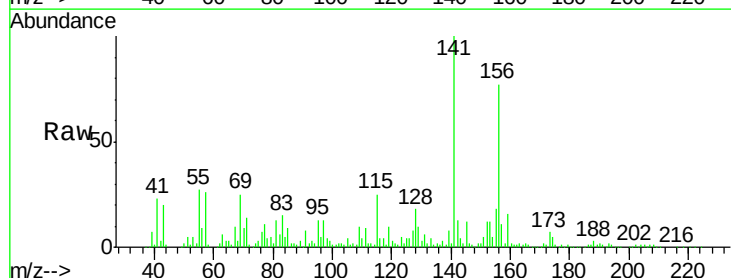
Tgt Ion: 152 Resp: 68014

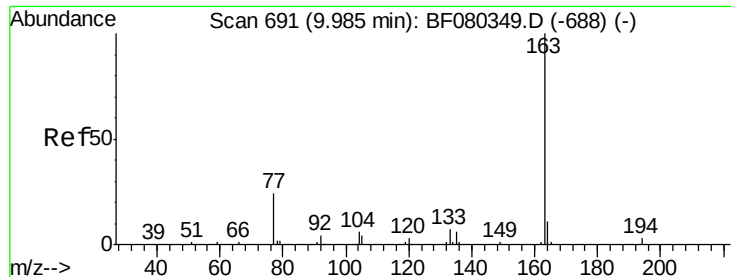
Ion Ratio Lower Upper

152 100

151 41.3 16.3 24.5#

153 99.8 11.0 16.4#

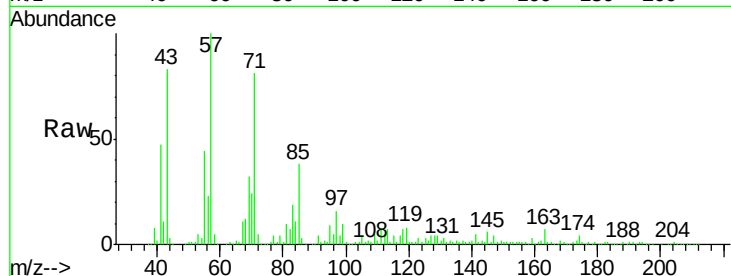




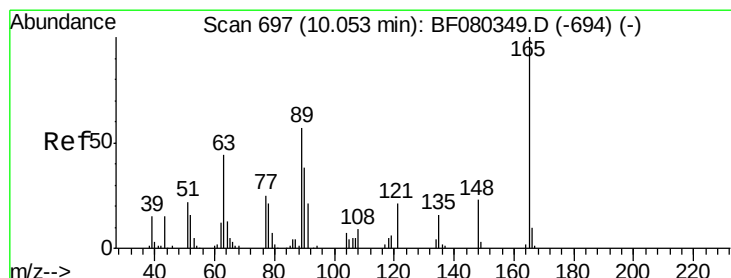
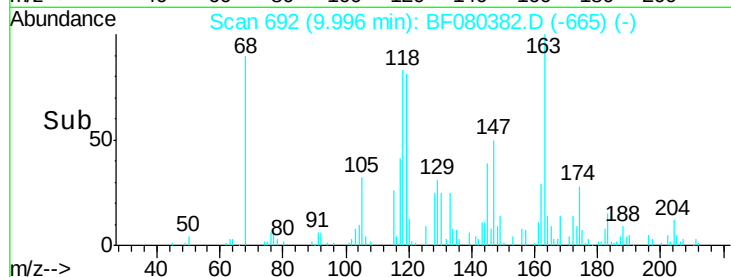
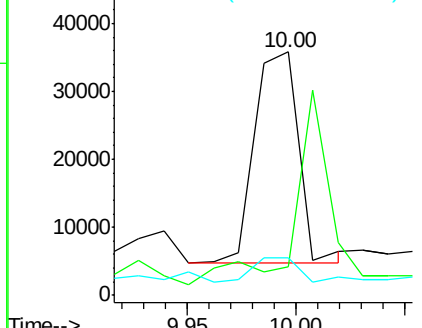
#49
Dimethylphthalate
Concen: 6.60 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Instrument :
BNA_F
ClientSampled :
SDDL

Tgt Ion:163 Resp: 44333
Ion Ratio Lower Upper
163 100
194 11.5 2.6 3.8#
164 15.7 8.5 12.7#

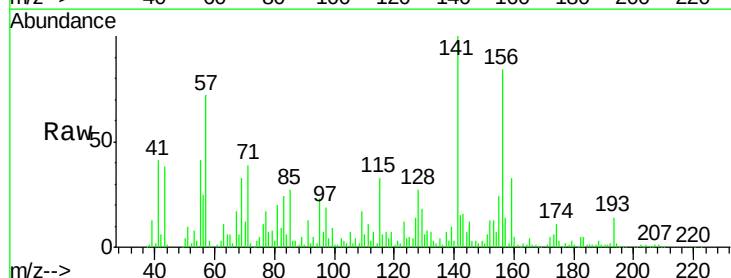


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

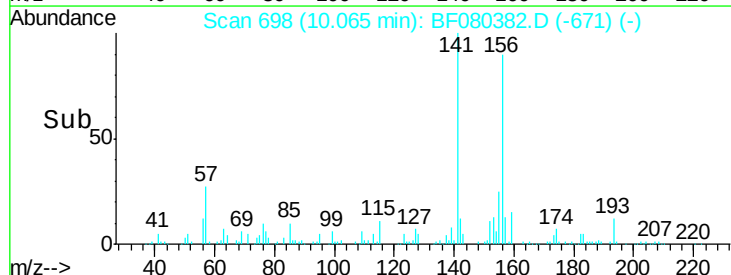
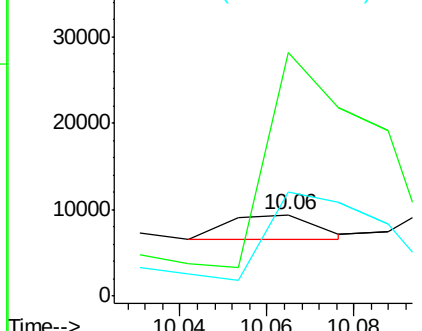


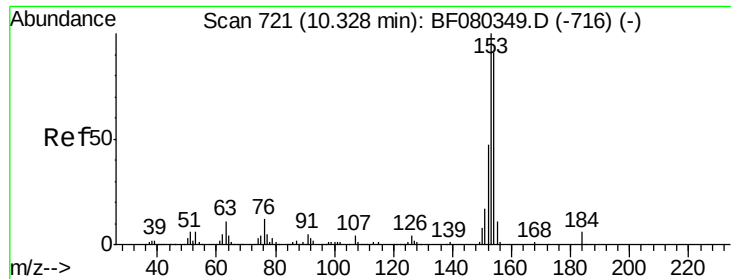
#50
2,6-Dinitrotoluene
Concen: 2.80 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:165 Resp: 3934
Ion Ratio Lower Upper
165 100
63 299.6 44.8 67.2#
89 128.0 45.9 68.9#



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





#51

Acenaphthene

Concen: 14.77 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampled :

SDDL

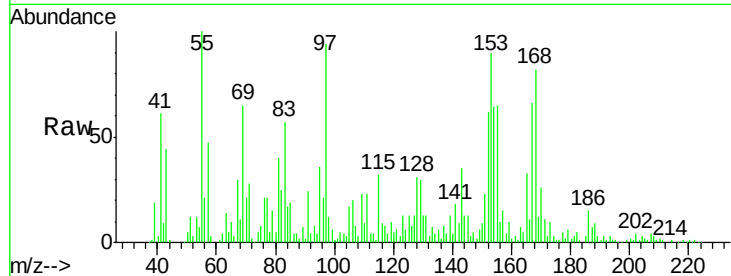
Tgt Ion:154 Resp: 83350

Ion Ratio Lower Upper

154 100

153 140.1 88.1 132.1#

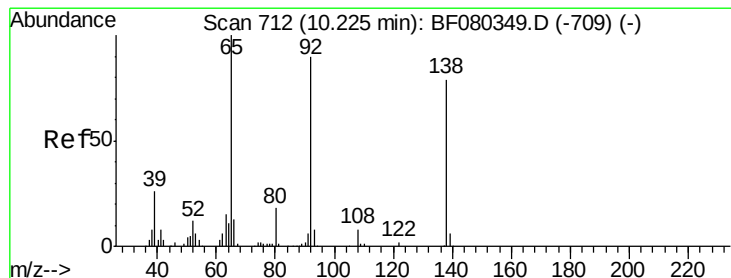
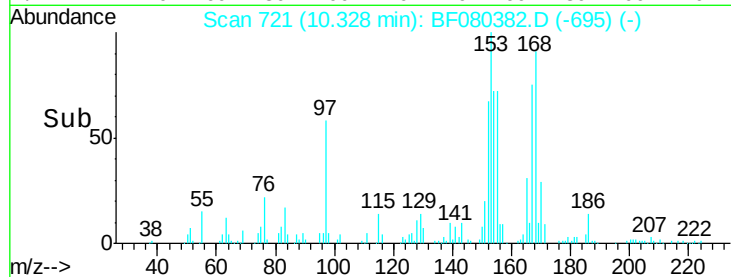
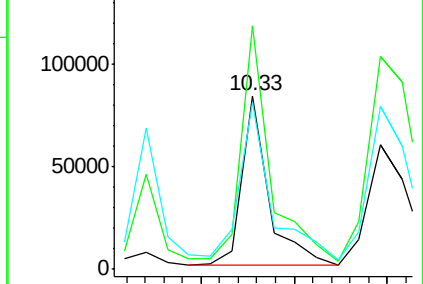
152 96.3 41.8 62.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.32 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.02 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

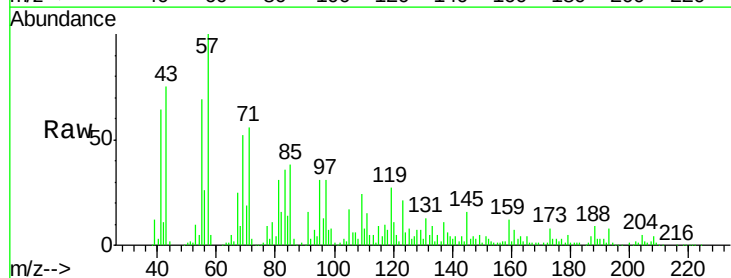
Tgt Ion:138 Resp: 11589

Ion Ratio Lower Upper

138 100

108 54.3 7.8 11.8#

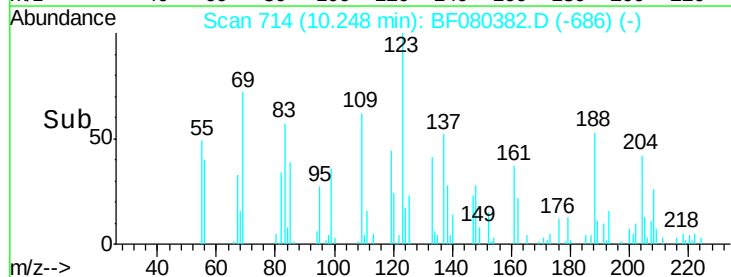
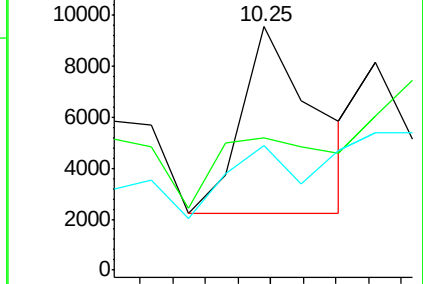
92 51.2 91.0 136.6#

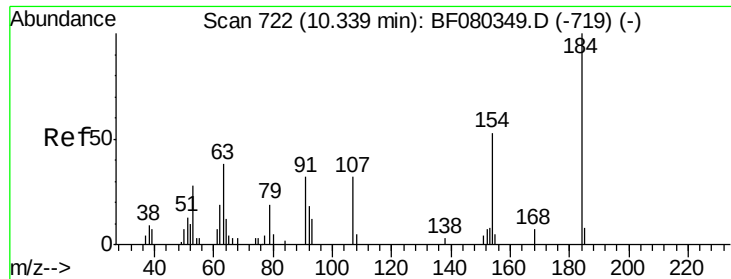


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

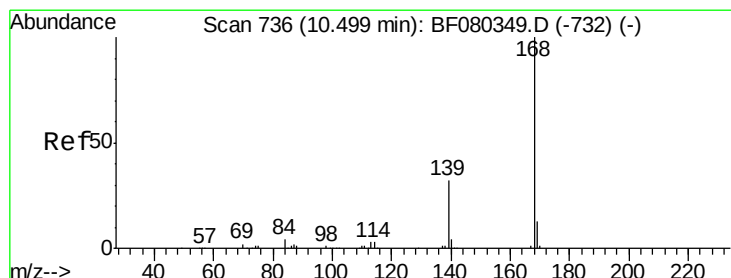
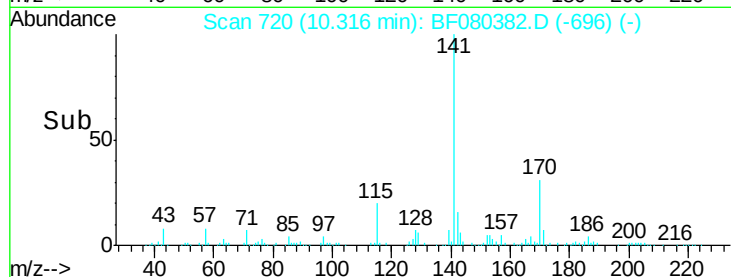
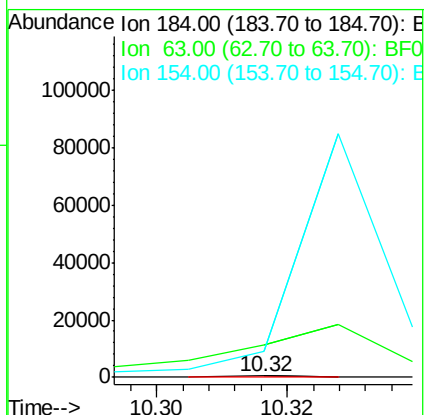
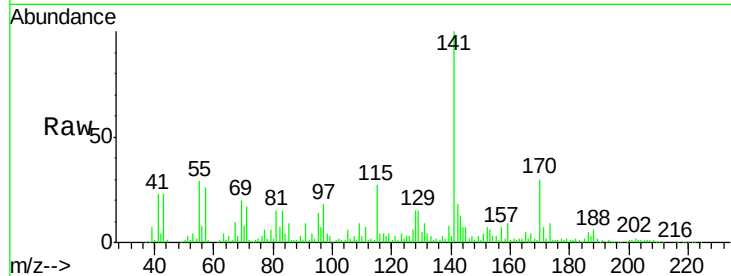




#53
2,4-Dinitrophenol
Concen: 8.12 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

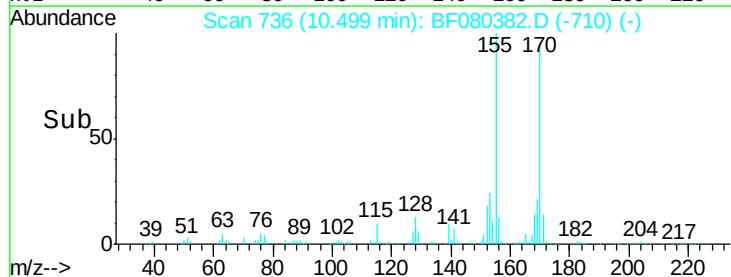
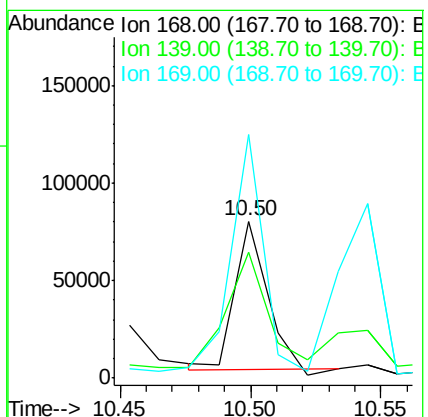
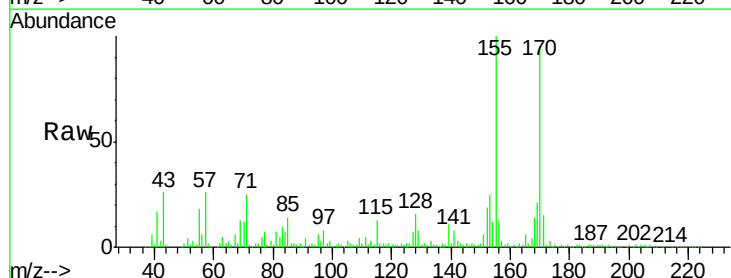
Instrument :
BNA_F
ClientSampleId :
SDDL

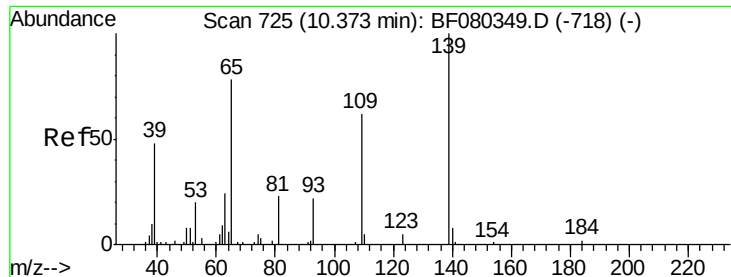
Tgt Ion:184 Resp: 319
Ion Ratio Lower Upper
184 100
63 2431.4 30.6 46.0#
154 1940.2 45.3 67.9#



#54
Dibenzofuran
Concen: 8.08 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:168 Resp: 64841
Ion Ratio Lower Upper
168 100
139 80.0 25.9 38.9#
169 155.5 10.3 15.5#

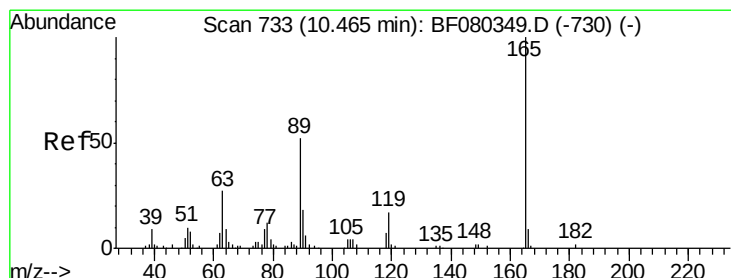
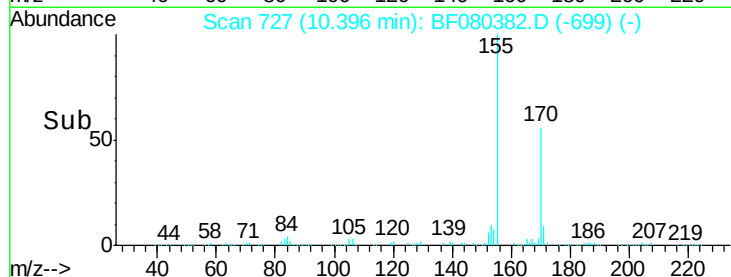
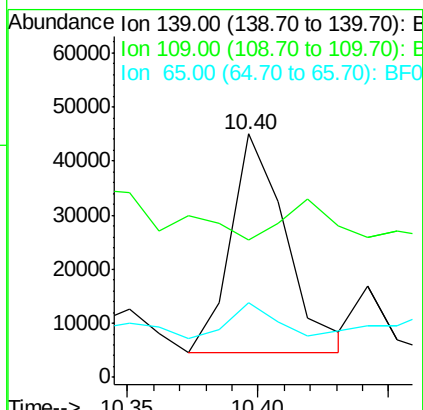
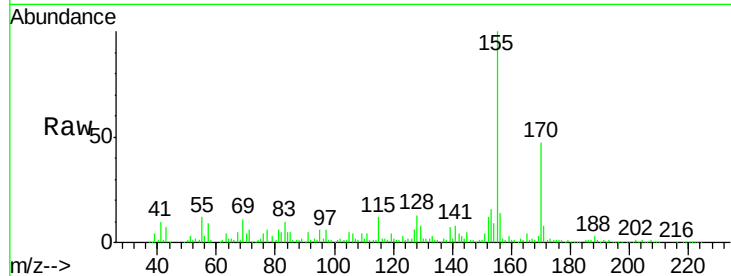




#55
4-Nitrophenol
Concen: 51.69 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

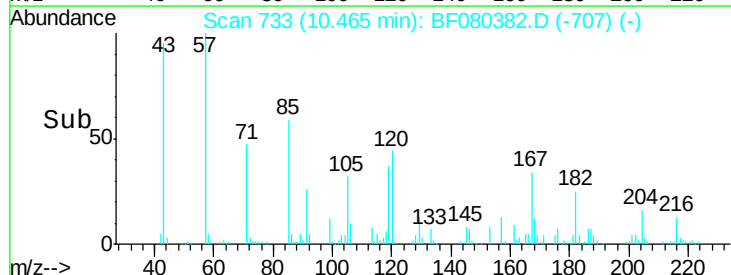
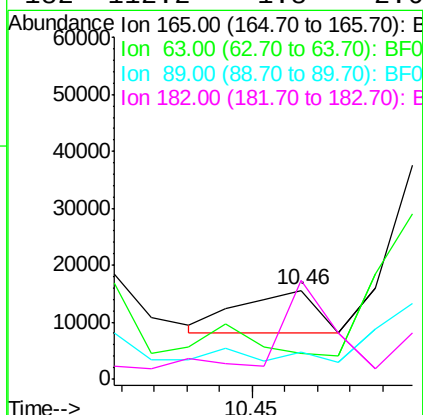
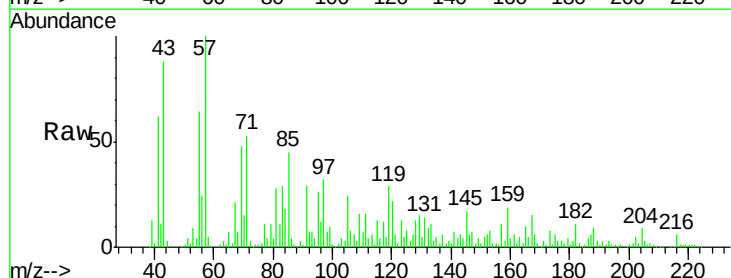
Instrument :
BNA_F
ClientSampleId :
SDDL

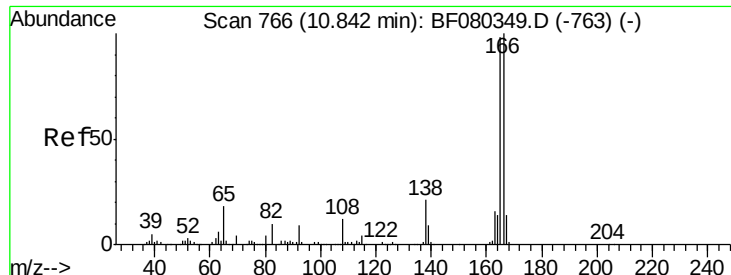
Tgt Ion:139 Resp: 59949
Ion Ratio Lower Upper
139 100
109 56.6 42.3 82.3
65 30.6 58.5 98.5#



#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:165 Resp: 11986
Ion Ratio Lower Upper
165 100
63 28.3 21.8 32.8
89 31.1 41.3 61.9#
182 112.2 1.8 2.6#





#57

Fluorene

Concen: 24.96 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampled :

SDDL

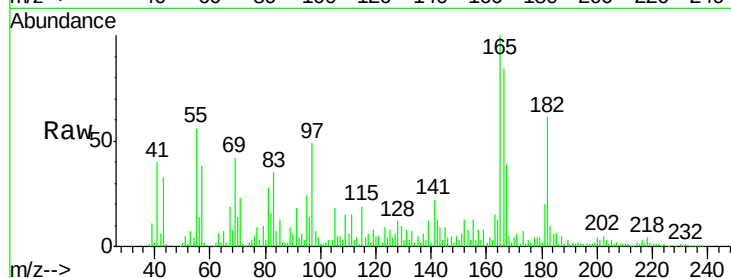
Tgt Ion:166 Resp: 172423

Ion Ratio Lower Upper

166 100

165 118.9 78.6 117.8#

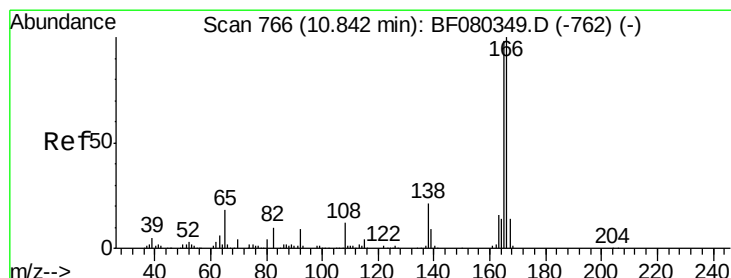
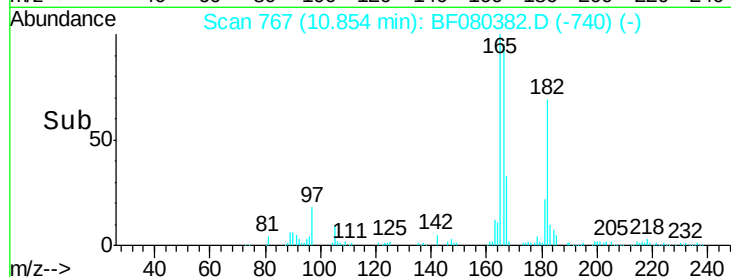
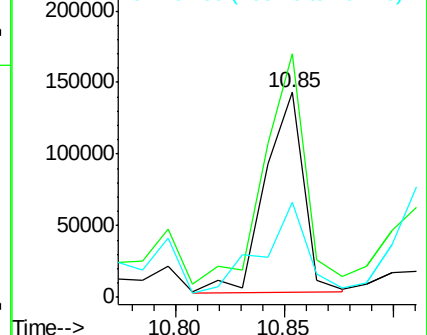
167 46.7 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 8.33 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

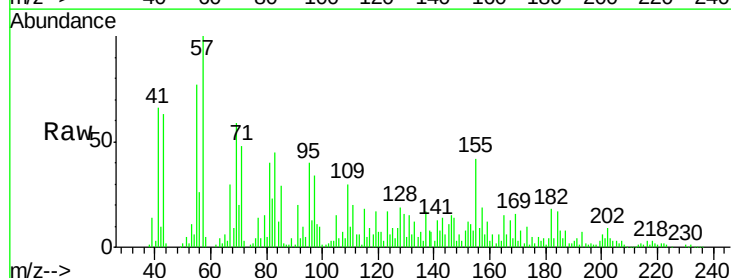
Tgt Ion:138 Resp: 12801

Ion Ratio Lower Upper

138 100

92 44.8 21.0 61.0

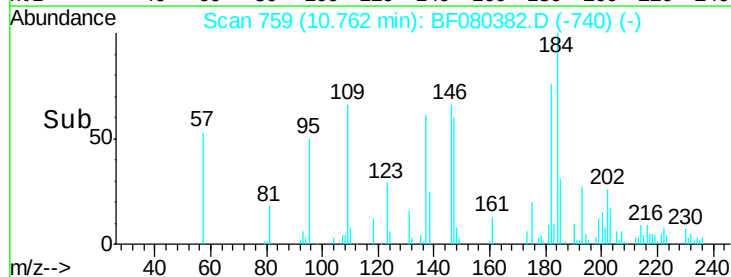
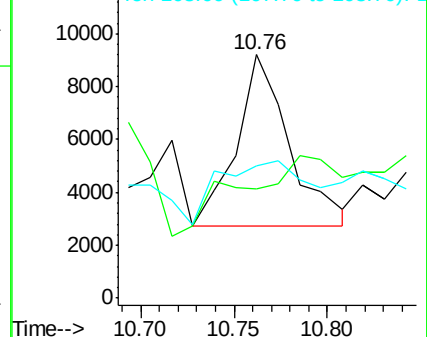
108 54.3 38.4 78.4

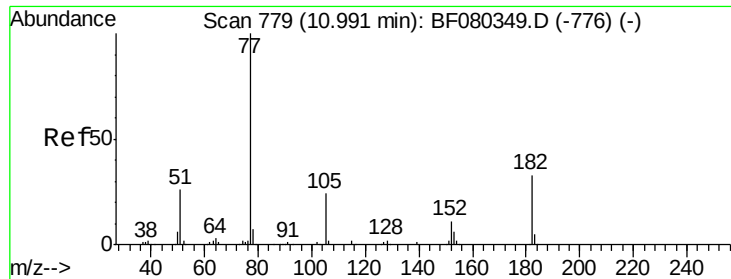


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 3.09 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

Tgt Ion: 77 Resp: 19703

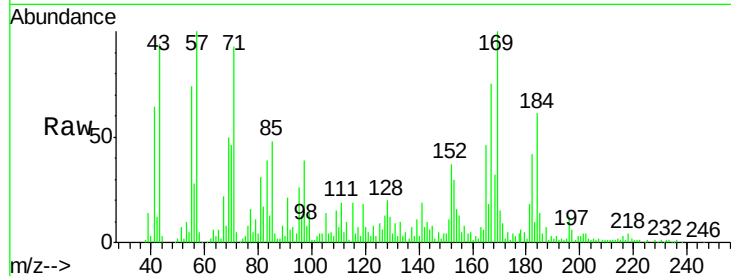
Ion Ratio Lower Upper

77 100

182 264.4 13.2 53.2#

105 86.6 4.3 44.3#

51 41.3 6.3 46.3

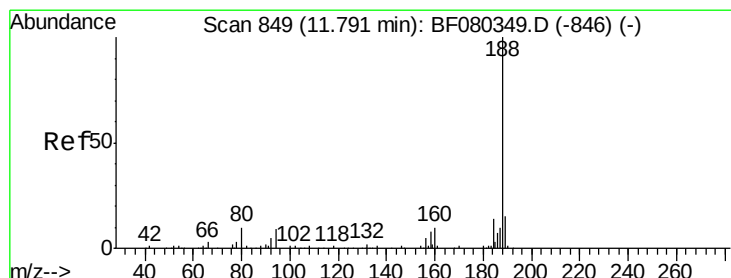
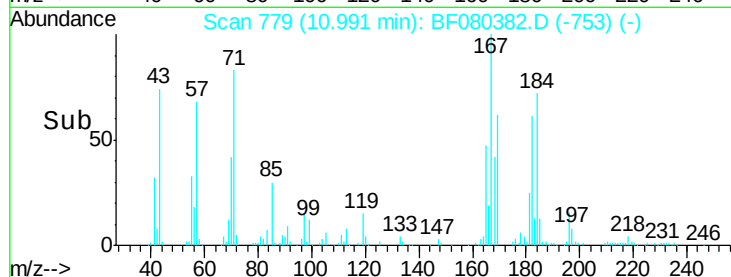
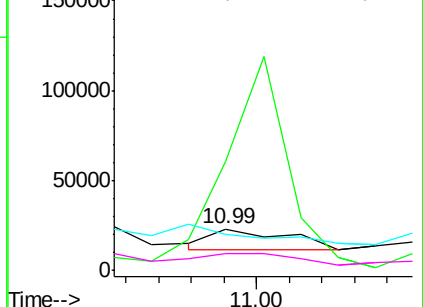


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

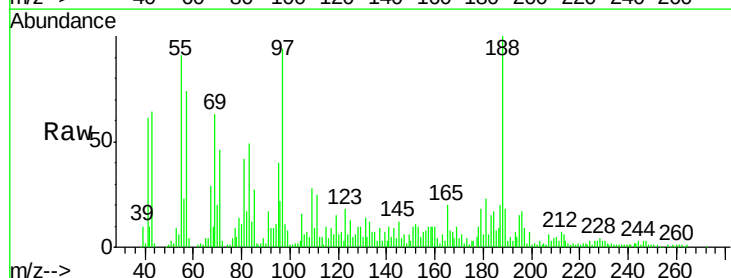
Tgt Ion: 188 Resp: 124094

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

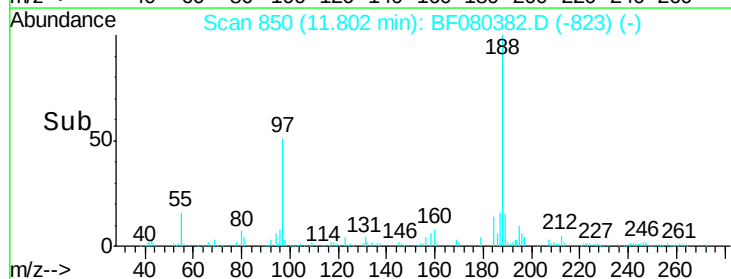
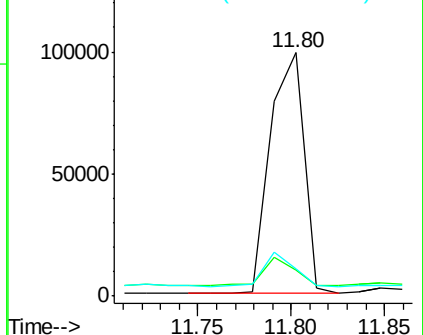
80 11.5 8.3 12.5

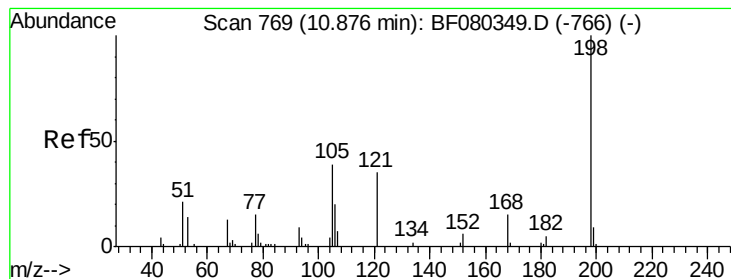


Abundance Ion 188.00 (187.70 to 188.70): E

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: 12.74 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

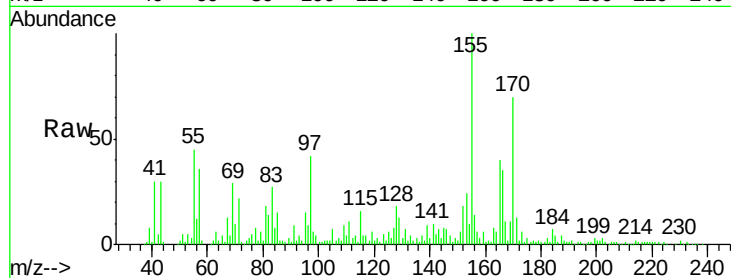
Tgt Ion:198 Resp: 6043

Ion Ratio Lower Upper

198 100

51 539.6 17.0 57.0#

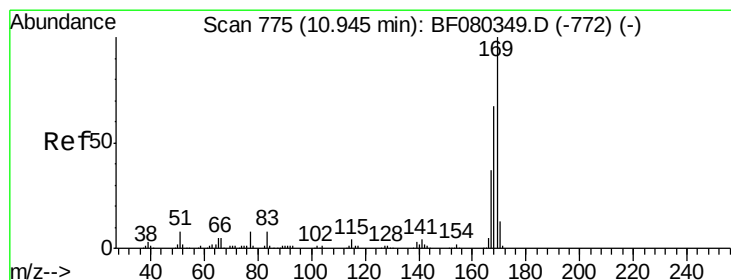
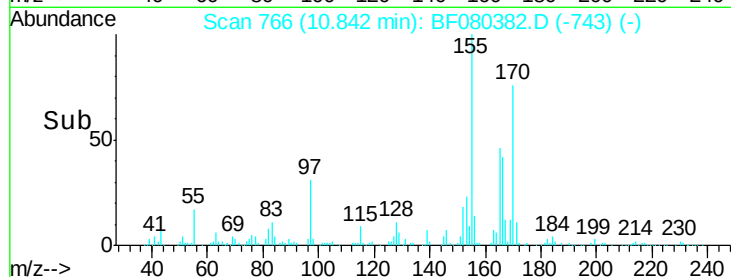
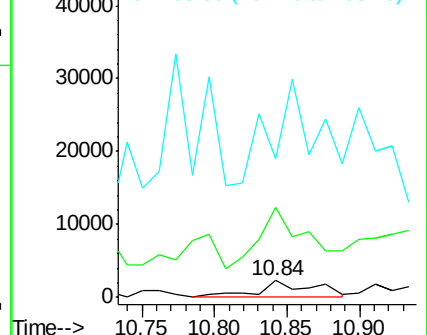
105 833.8 20.9 60.9#



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: 88.77 ng

RT: 10.96 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

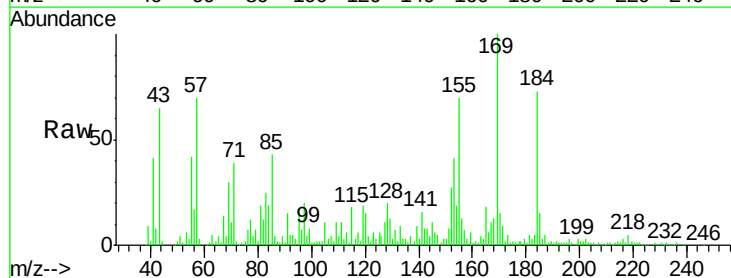
Tgt Ion:169 Resp: 350890

Ion Ratio Lower Upper

169 100

168 13.3 53.5 80.3#

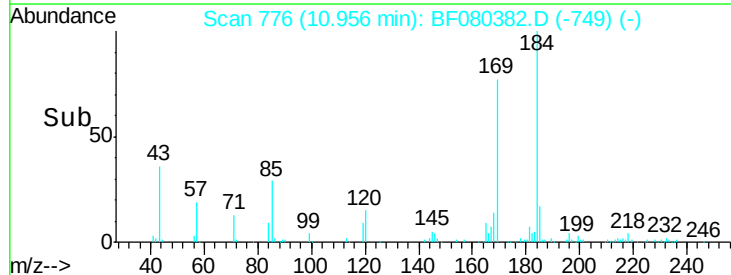
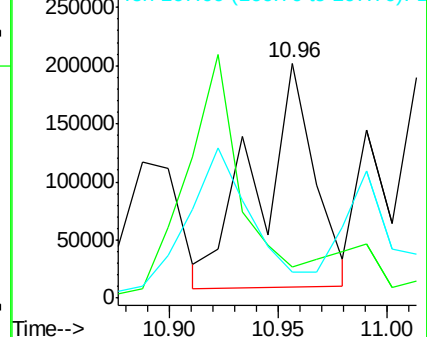
167 10.9 29.5 44.3#

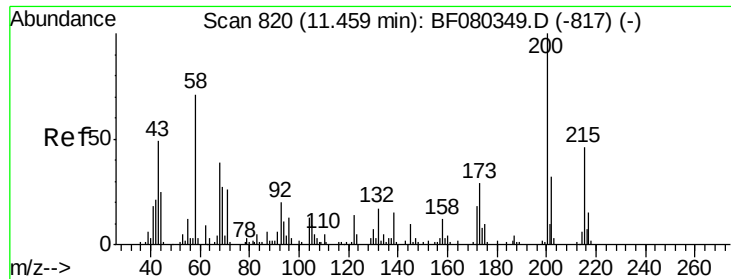


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 9.26 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.05 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

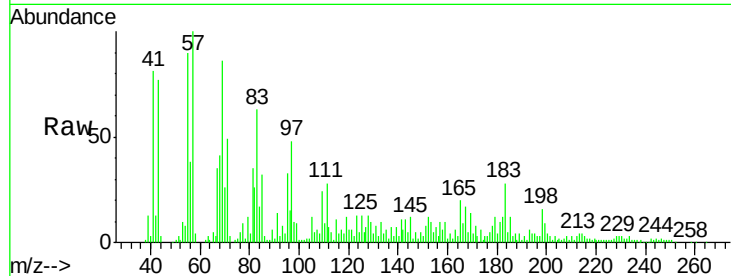
Tgt Ion:200 Resp: 10892

Ion Ratio Lower Upper

200 100

173 134.4 9.9 49.9#

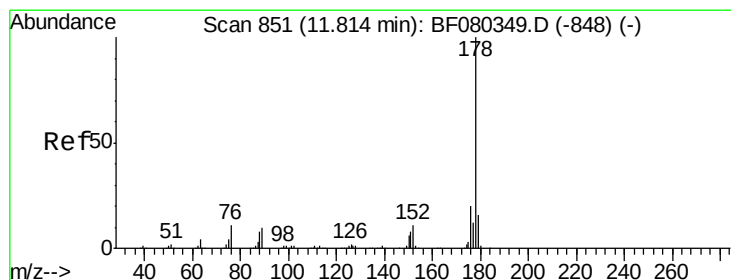
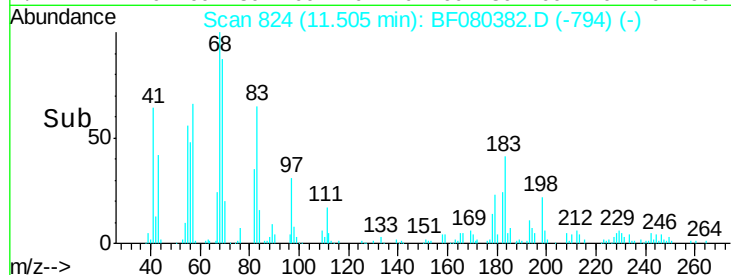
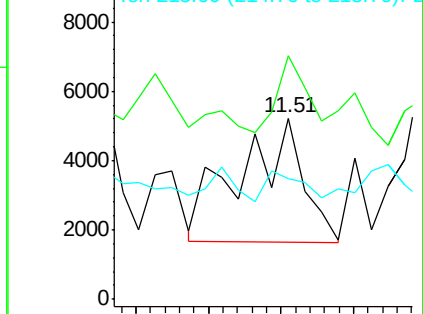
215 66.8 26.2 66.2#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 78.00 ng

RT: 11.83 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

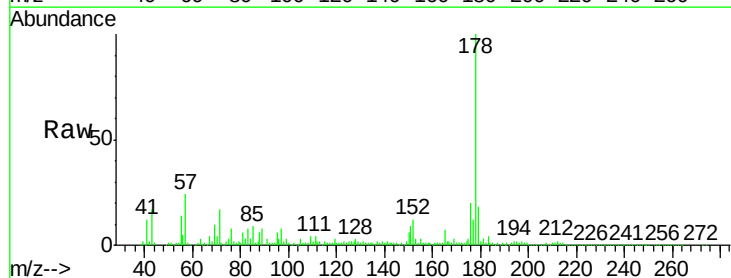
Tgt Ion:178 Resp: 580563

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

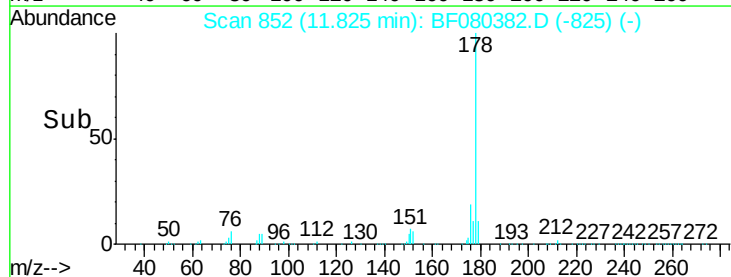
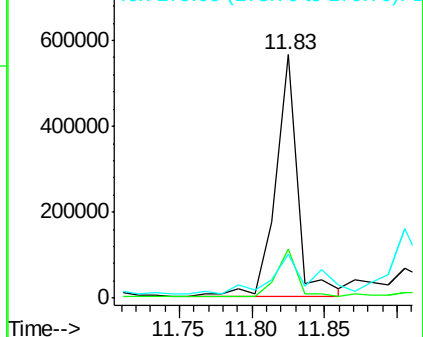
179 17.9 12.6 18.8

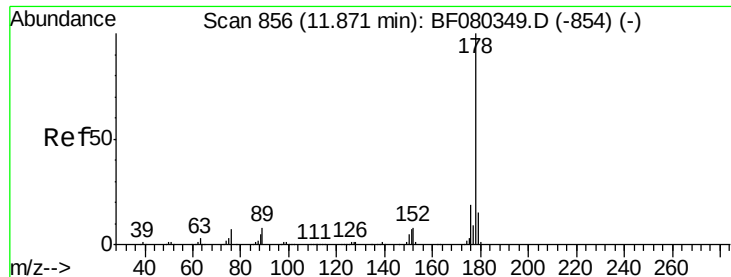


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

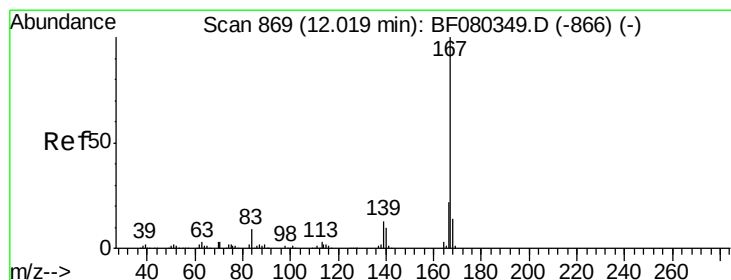
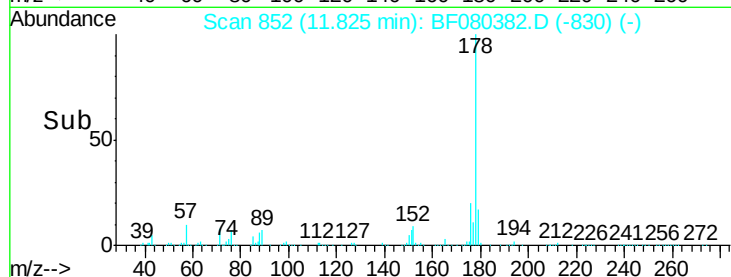
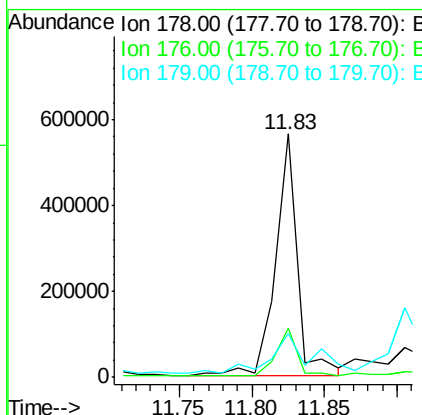
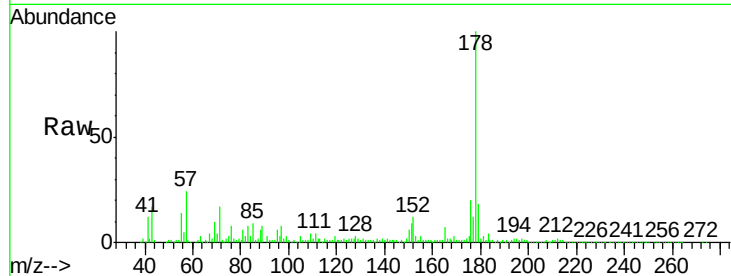




#71
 Anthracene
 Concen: 79.55 ng
 RT: 11.83 min Scan# 852
 Delta R.T. -0.05 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

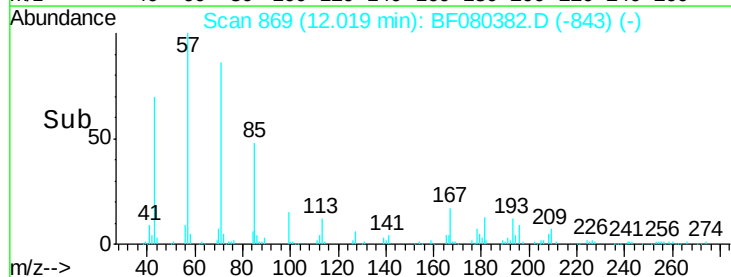
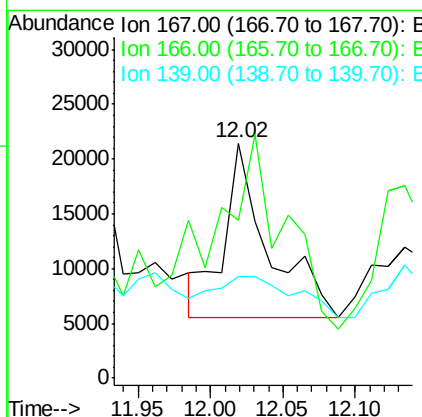
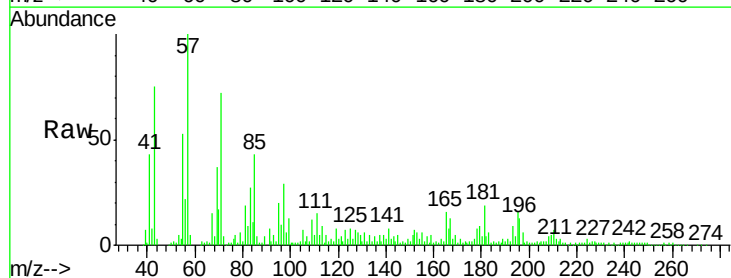
Instrument :
 BNA_F
 ClientSampleId :
 SDDL

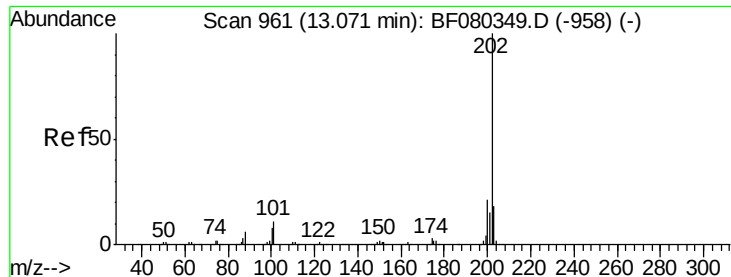
Tgt Ion:178 Resp: 580563
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 17.9 12.3 18.5



#72
 Carbazole
 Concen: 4.98 ng
 RT: 12.02 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion:167 Resp: 33894
 Ion Ratio Lower Upper
 167 100
 166 67.1 17.8 26.6#
 139 42.9 10.4 15.6#





#74

Fluoranthene

Concen: 2.27 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampled :

SDDL

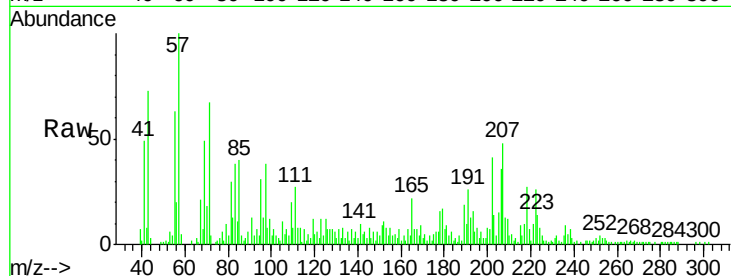
Tgt Ion:202 Resp: 18191

Ion Ratio Lower Upper

202 100

101 16.4 0.0 31.0

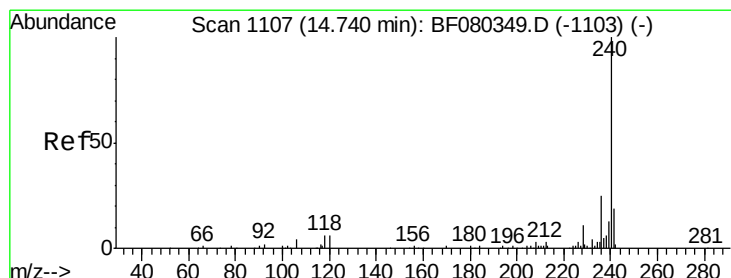
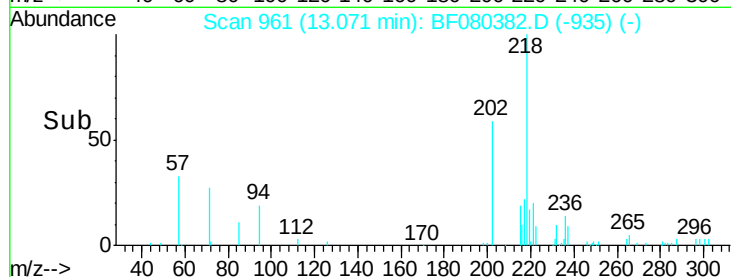
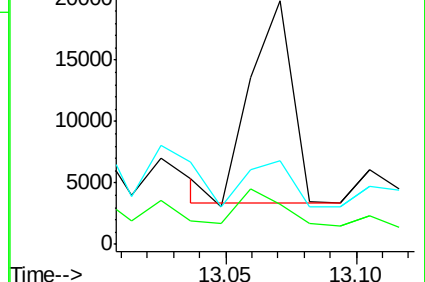
203 34.4 0.0 37.6



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: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

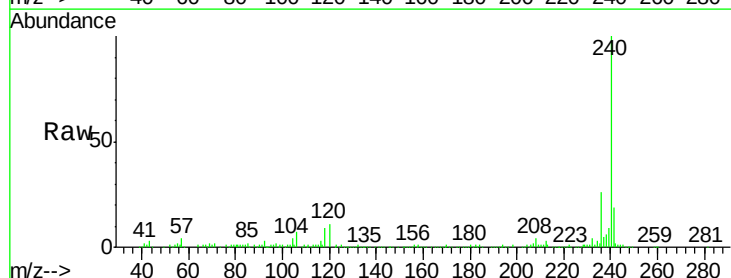
Tgt Ion:240 Resp: 154452

Ion Ratio Lower Upper

240 100

120 10.6 5.1 7.7#

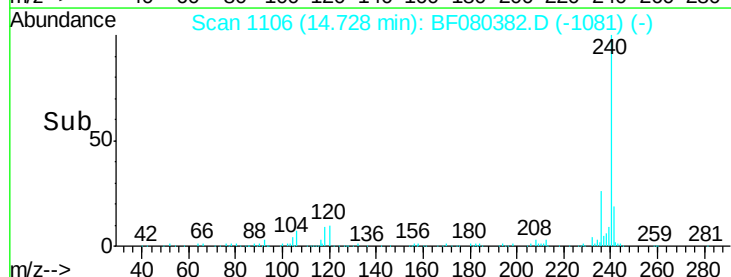
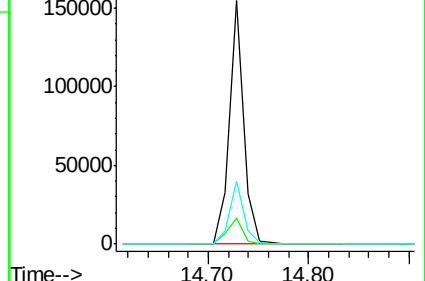
236 26.2 20.4 30.6

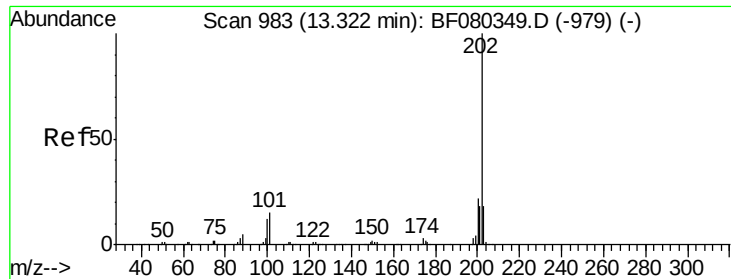


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

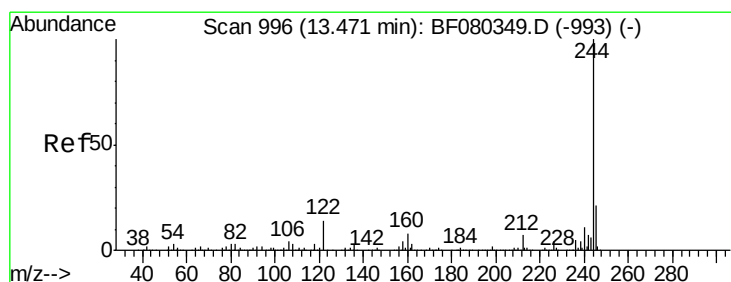
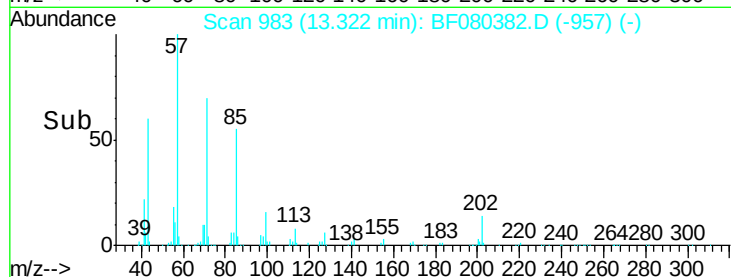
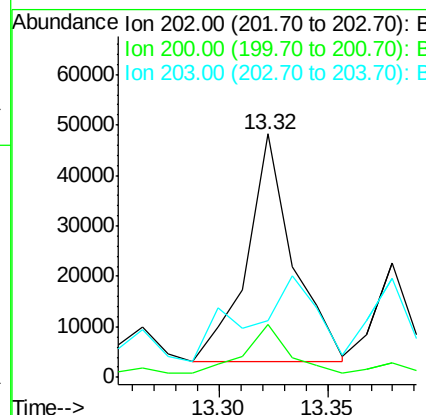
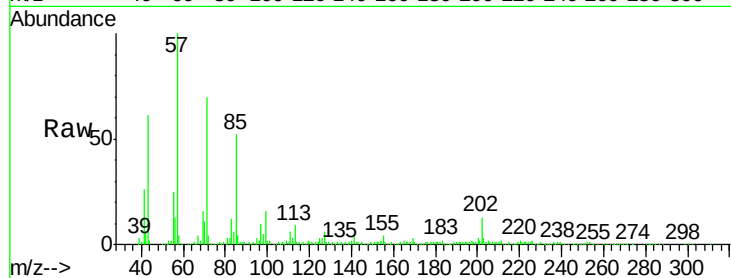




#77
 Pyrene
 Concen: 7.12 ng
 RT: 13.32 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

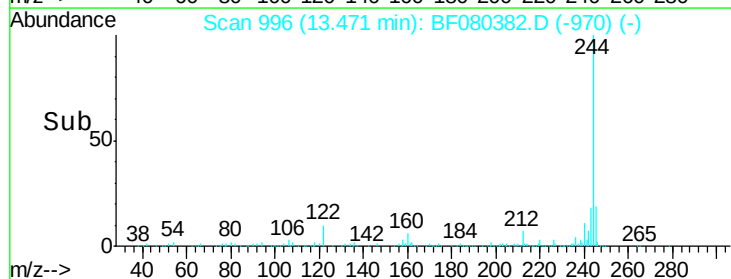
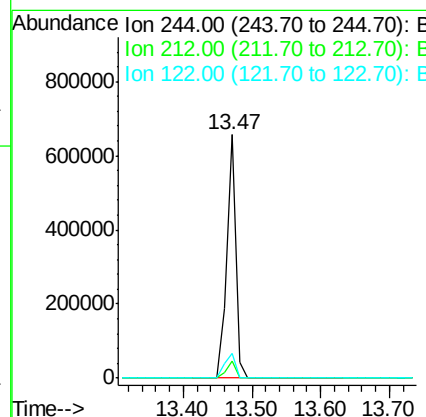
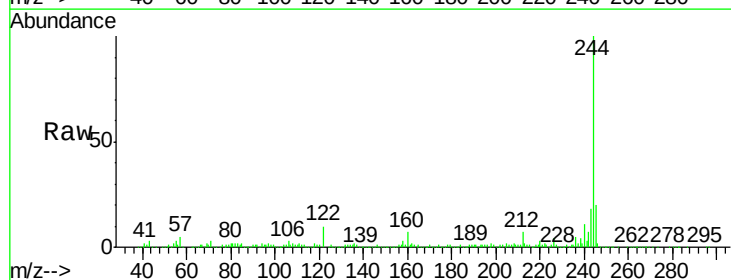
Instrument :
 BNA_F
 ClientSampleId :
 SDDL

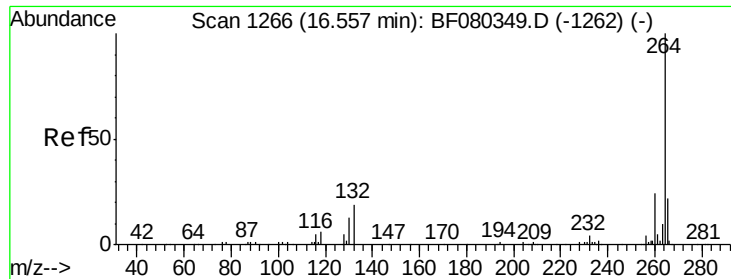
Tgt Ion:202 Resp: 66483
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.2 25.8
 203 23.3 14.3 21.5#



#78
 Terphenyl-d14
 Concen: 93.12 ng
 RT: 13.47 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion:244 Resp: 616626
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.9 11.1 16.7#

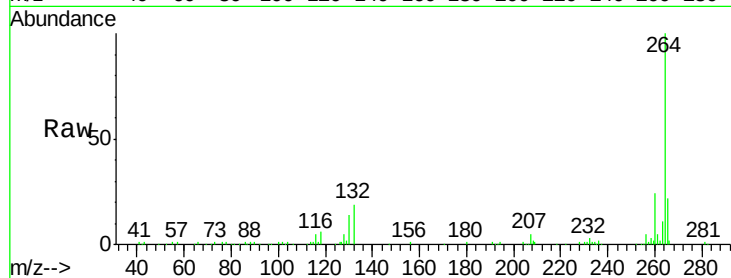




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Instrument :
BNA_F
ClientSampleId :
SDDL

Tgt Ion: 264 Resp: 145798
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.7 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

