

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082711.D
 Acq On : 4 Nov 2015 20:11
 Operator : UM/IZ
 Sample : G4241-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)

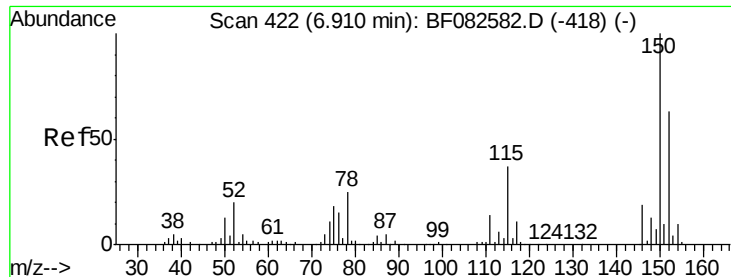
Quant Time: Nov 04 23:22:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	183841	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	655685	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	263648	20.00	ng	0.01
63) Phenanthrene-d10	11.44	188	413214	20.00	ng	0.02
75) Chrysene-d12	14.03	240	477085	20.00	ng	-0.02
86) Perylene-d12	15.46	264	416754	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1425149	116.76	ng	0.00
7) Phenol-d6	6.50	99	1846049	113.84	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1428149	88.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	412874	143.09	ng	0.02
44) 2-Fluorobiphenyl	9.25	172	1943587	104.67	ng	0.00
78) Terphenyl-d14	13.00	244	1734701	79.57	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.64	77	51939	4.69	ng	81
15) Benzyl Alcohol	7.02	79	47657	3.15	ng	# 54
18) Hexachloroethane	7.37	117	29492	5.06	ng	# 1
24) Nitrobenzene	7.41	77	59205	3.65	ng	# 31
25) Isophorone	7.69	82	109140	3.69	ng	# 1
35) Caprolactam	8.61	113	246543	76.17	ng	# 1
37) 2-Methylnaphthalene	8.88	142	391170	17.01	ng	96
42) 2,4,6-Trichlorophenol	9.17	196	16324	2.57	ng	# 15
43) 2,4,5-Trichlorophenol	9.23	196	15148	2.39	ng	# 1
45) 1,1'-Biphenyl	9.10	154	79316	3.56	ng	88
49) Dimethylphthalate	9.64	163	398289	18.50	ng	# 87
50) 2,6-Dinitrotoluene	9.73	165	41536	9.31	ng	# 66
51) Acenaphthene	9.92	154	56717	3.21	ng	# 19
52) 3-Nitroaniline	9.87	138	31337	6.31	ng	# 25
53) 2,4-Dinitrophenol	10.01	184	3586	8.07	ng	# 1
54) Dibenzofuran	10.14	168	114220	4.77	ng	# 1
55) 4-Nitrophenol	10.06	139	34681	9.28	ng	# 1
56) 2,4-Dinitrotoluene	10.19	165	100547	16.66	ng	# 55
57) Fluorene	10.50	166	274778	14.22	ng	# 40
58) 2,3,4,6-Tetrachlorophenol	10.26	232	29163	5.45	ng	# 31
61) 4-Nitroaniline	10.58	138	98613	20.81	ng	92
62) Azobenzene	10.66	77	128861	5.21	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.50	198	8974	3.60	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	1066396	75.07	ng	# 57
66) 4-Bromophenyl-phenylether	11.00	248	13476	2.88	ng	# 1
68) Atrazine	11.17	200	45747	9.84	ng	# 1
70) Phenanthrene	11.46	178	505971	21.71	ng	# 81
71) Anthracene	11.46	178	505916	21.56	ng	# 81
73) Di-n-butylphthalate	11.98	149	54848	2.11	ng	# 32

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082711.D

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BNA_F

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TP-15(3)

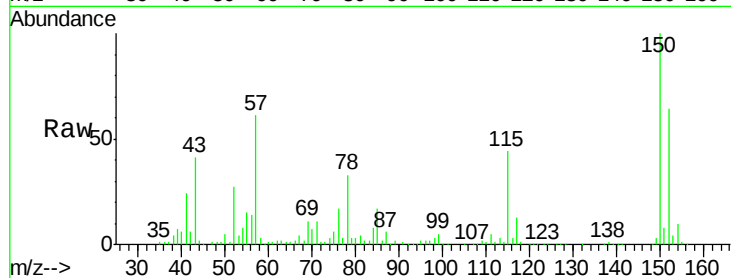
Tgt Ion:152 Resp: 183841

Ion Ratio Lower Upper

152 100

150 157.0 127.0 190.4

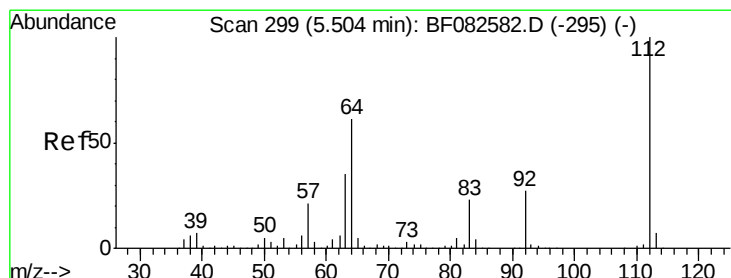
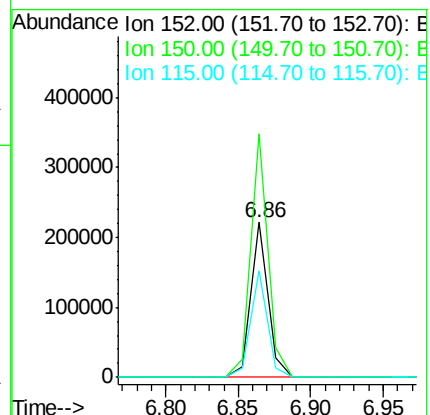
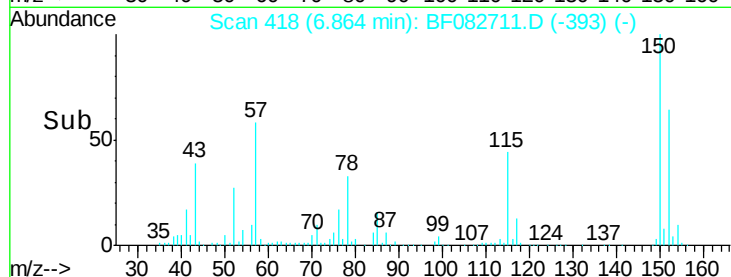
115 68.5 47.0 70.6



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: 116.76 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

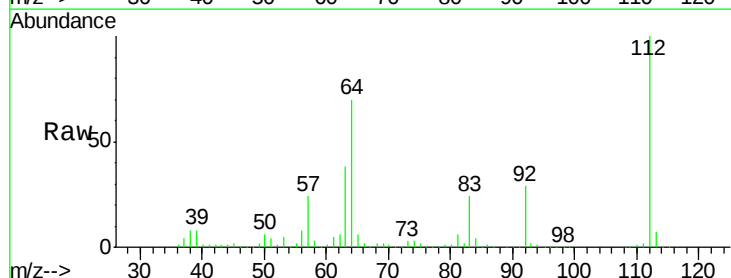
Tgt Ion:112 Resp: 1425149

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

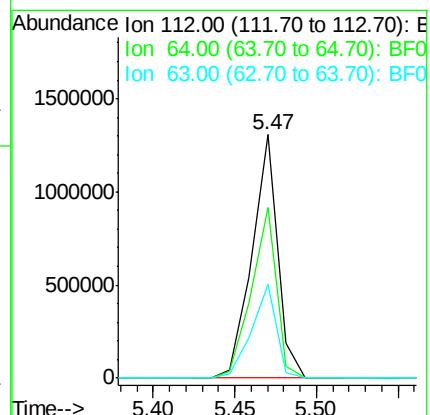
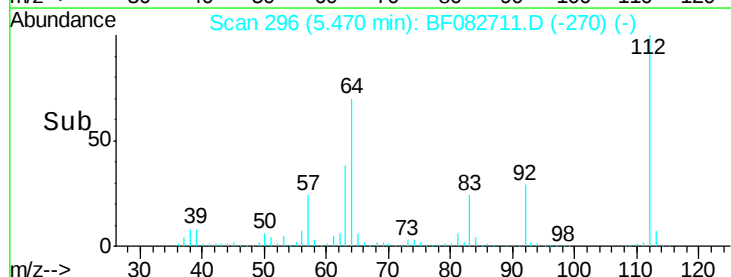
63 38.3 28.1 42.1



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: 113.84 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

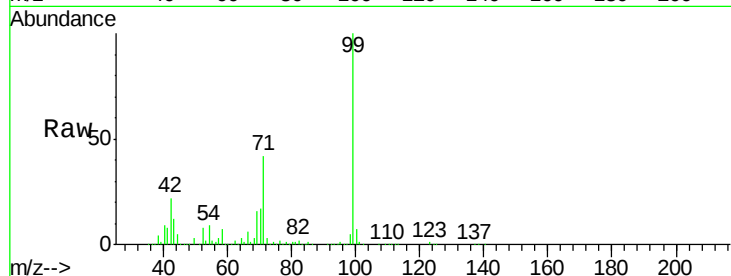
Tgt Ion: 99 Resp: 1846049

Ion Ratio Lower Upper

99 100

42 22.1 19.2 28.8

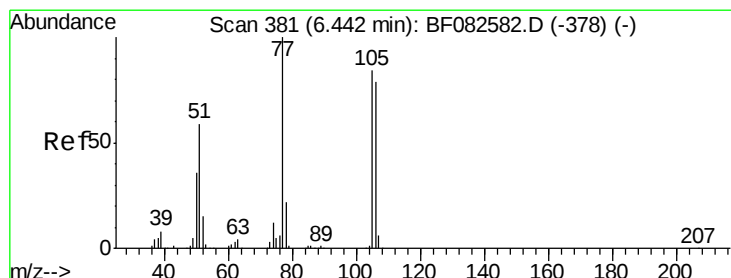
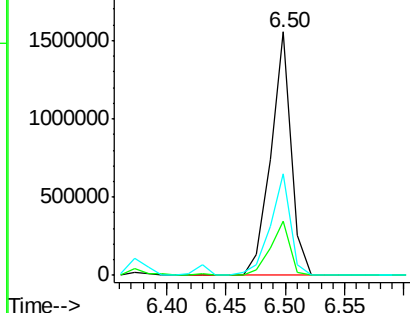
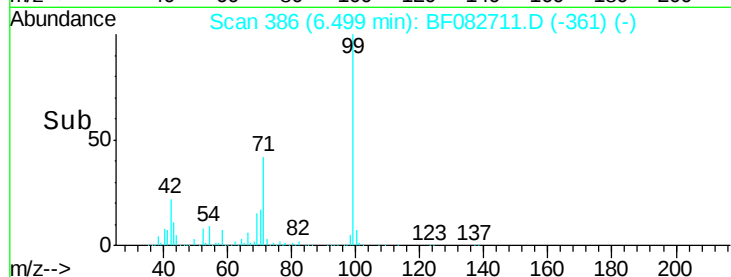
71 41.9 35.0 52.4



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: 4.69 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

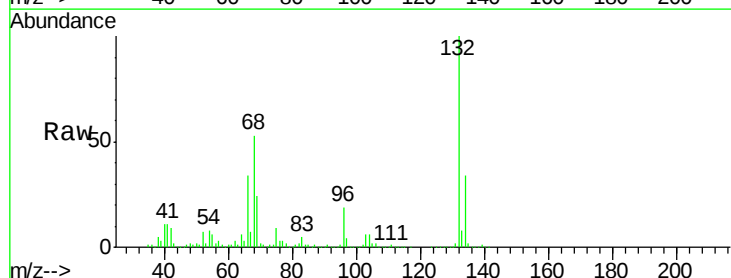
Tgt Ion: 77 Resp: 51939

Ion Ratio Lower Upper

77 100

105 69.4 63.5 103.5

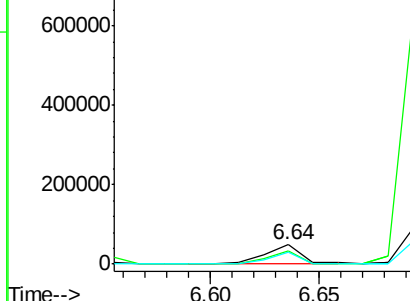
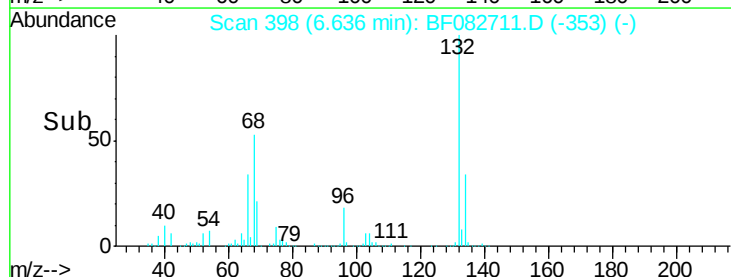
106 60.1 59.3 99.3

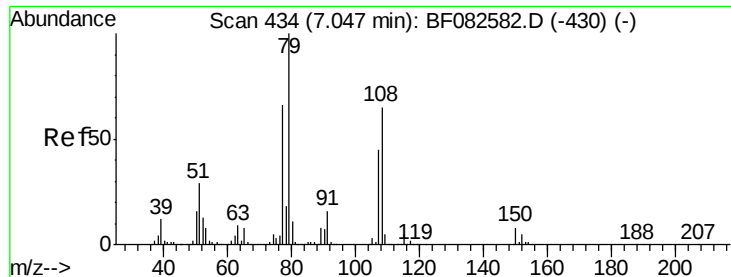


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 3.15 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampled :

TP-15(3)

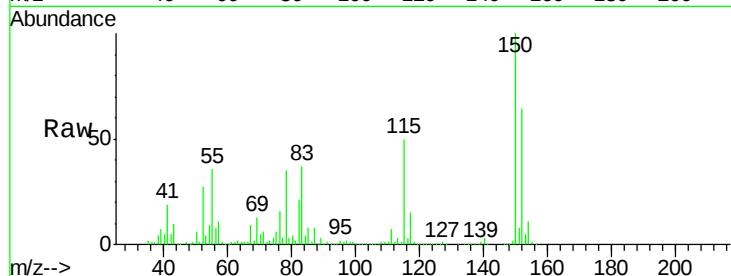
Tgt Ion: 79 Resp: 47657

Ion Ratio Lower Upper

79 100

108 19.4 52.2 78.4#

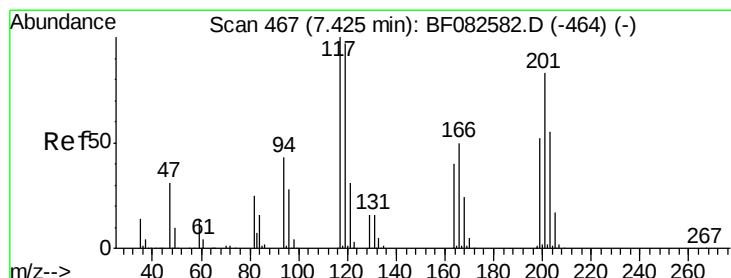
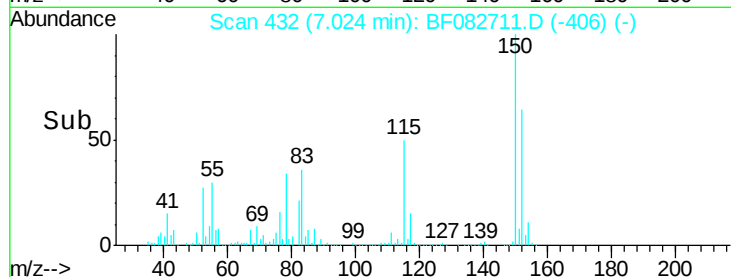
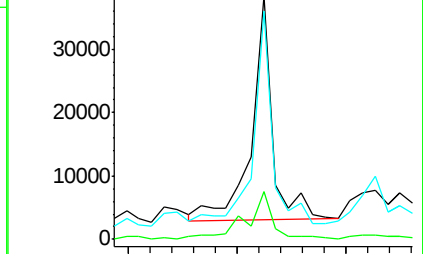
77 93.6 52.7 79.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 5.06 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

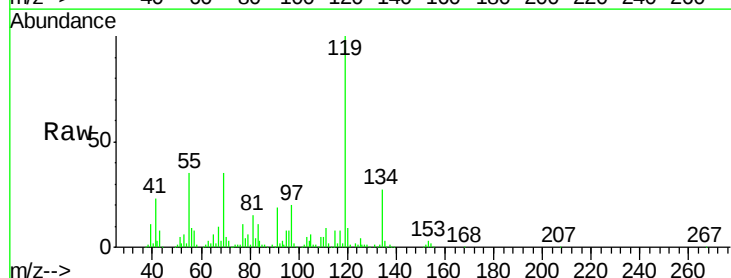
Tgt Ion: 117 Resp: 29492

Ion Ratio Lower Upper

117 100

119 1260.5 77.7 116.5#

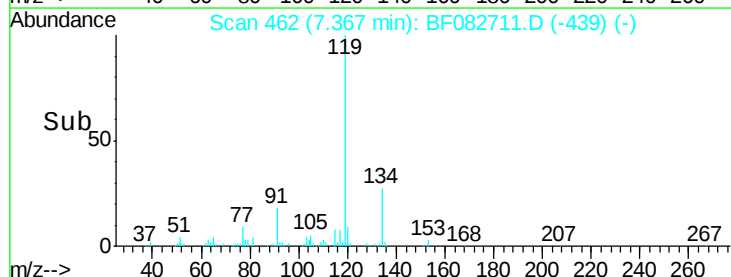
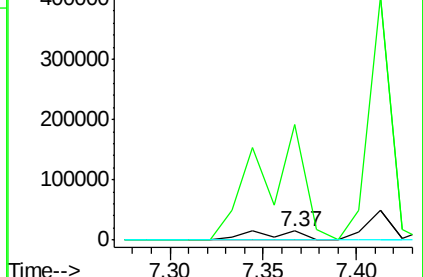
201 0.0 66.7 100.1#

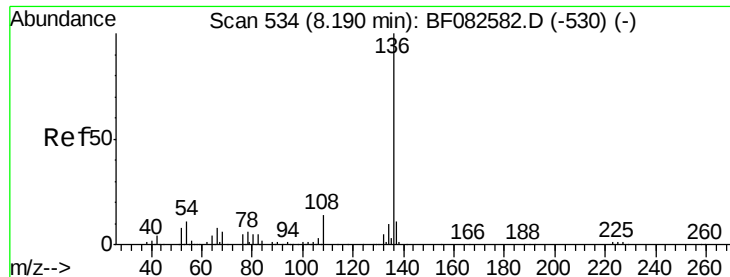


Abundance Ion 117.00 (116.70 to 117.70): BF0

Ion 119.00 (118.70 to 119.70): BF0

Ion 201.00 (200.70 to 201.70): BF0

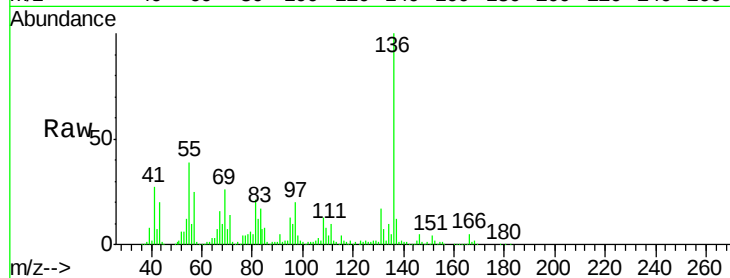




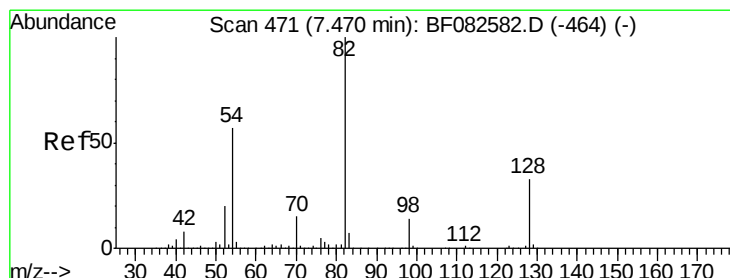
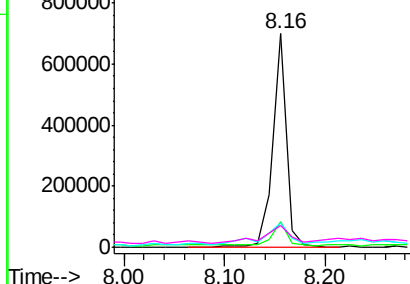
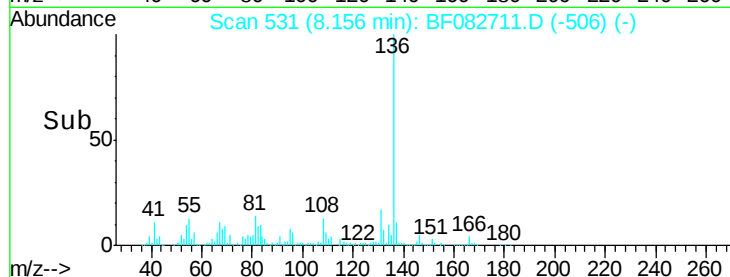
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	655685
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	11.6	9.1	13.7
68	9.9	4.8	7.2#

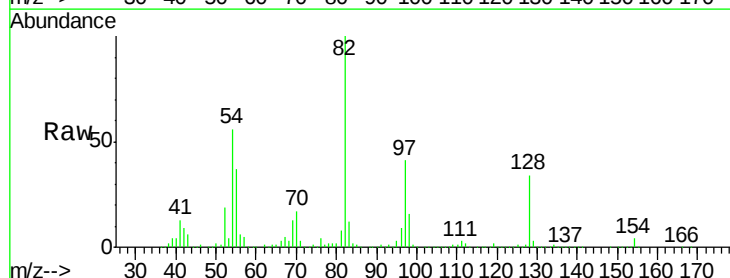


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

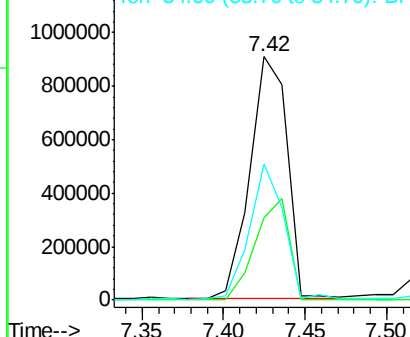
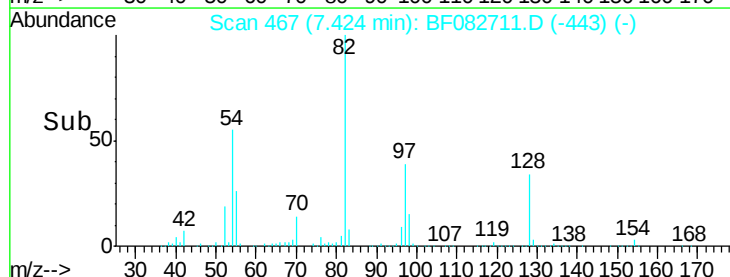


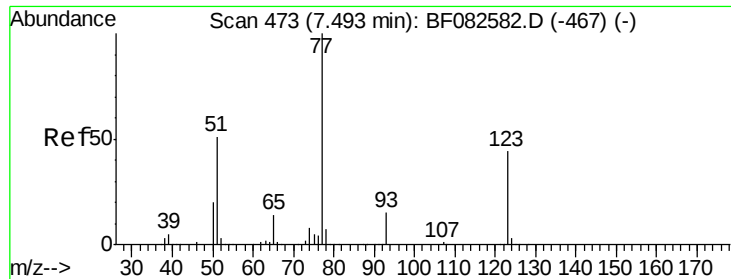
#23
Nitrobenzene-d5
Concen: 88.94 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:	82	Resp:	1428149
Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.8	40.2
54	55.7	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

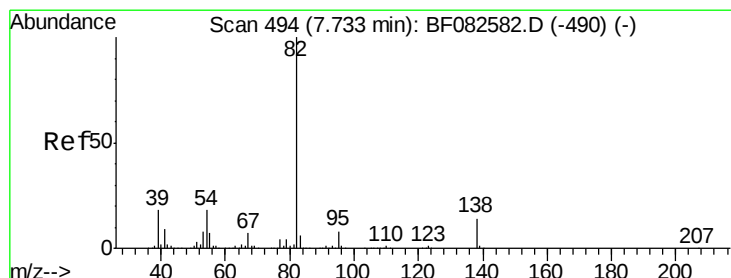
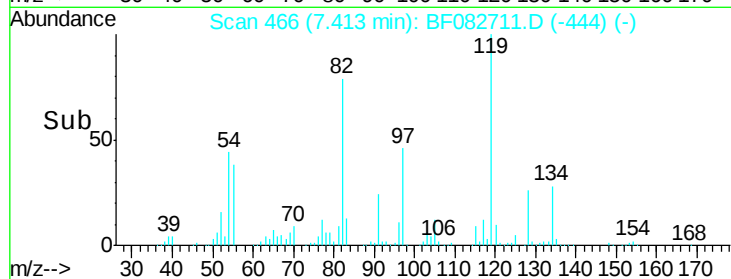
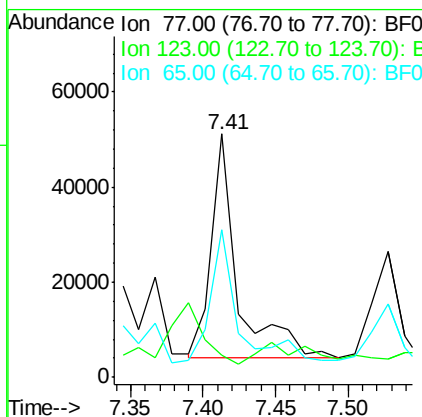
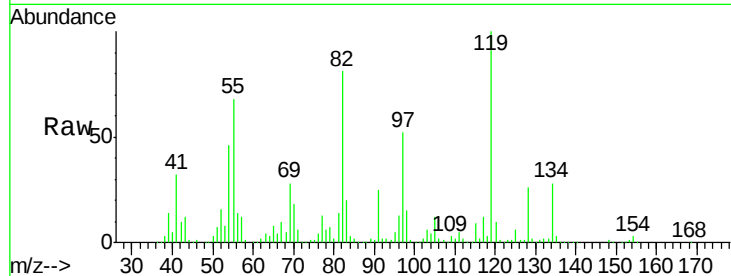




#24
Nitrobenzene
Concen: 3.65 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

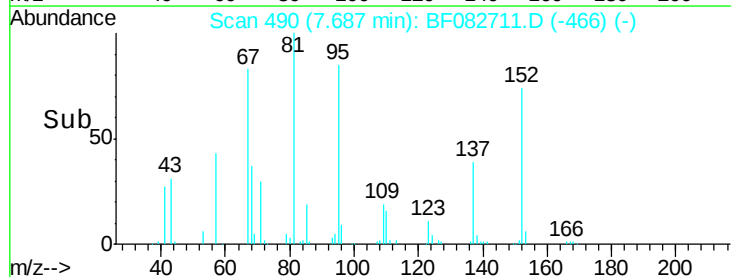
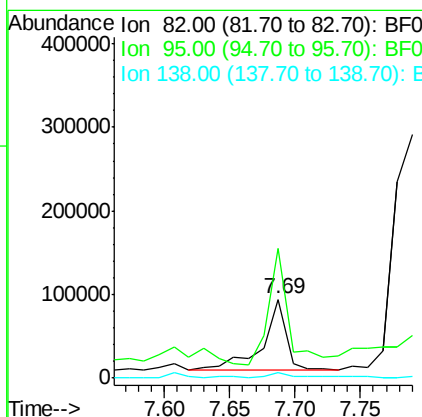
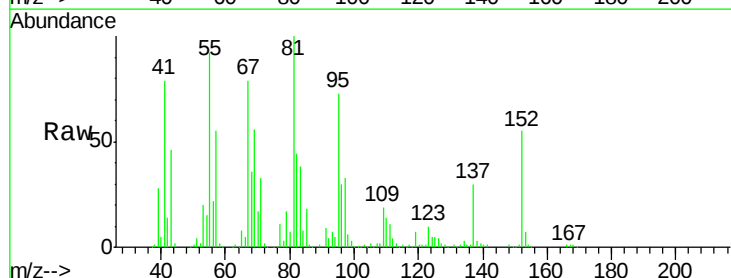
Instrument :
BNA_F
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TP-15(3)

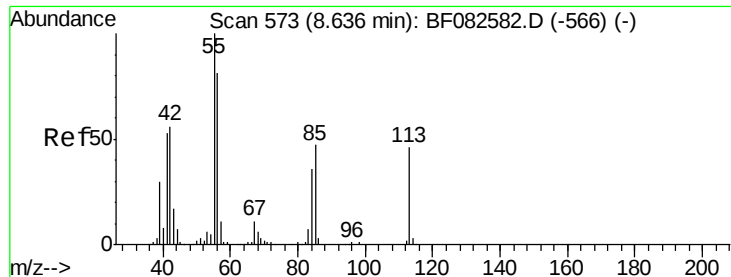
Tgt Ion: 77 Resp: 59205
Ion Ratio Lower Upper
77 100
123 9.0 36.4 54.6#
65 60.4 11.5 17.3#



#25
Isophorone
Concen: 3.69 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion: 82 Resp: 109140
Ion Ratio Lower Upper
82 100
95 165.9 6.6 9.8#
138 7.0 11.4 17.0#

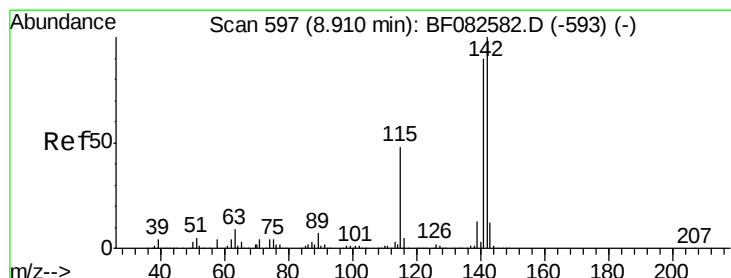
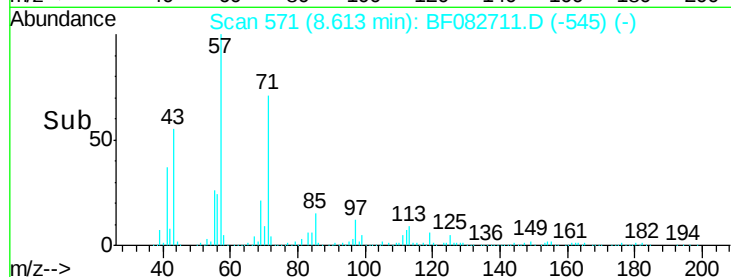
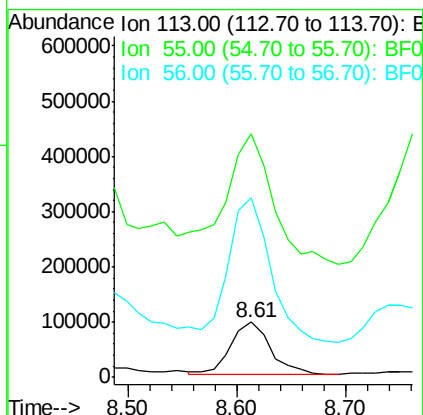
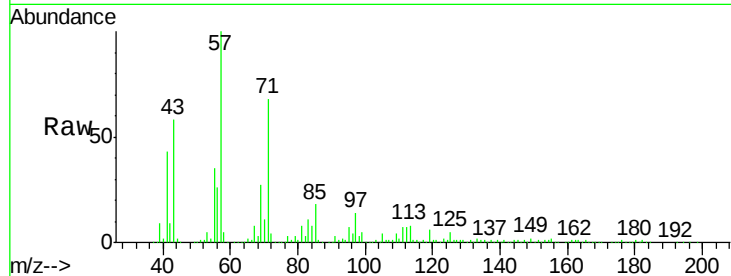




#35
 Caprolactam
 Concen: 76.17 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

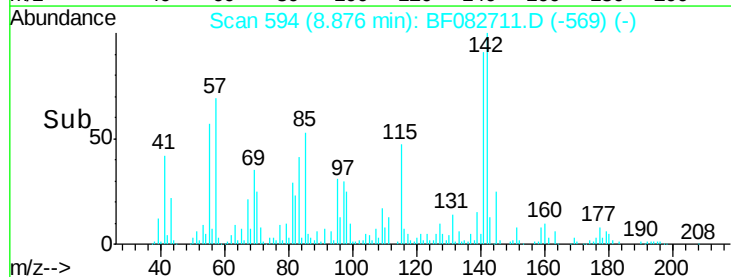
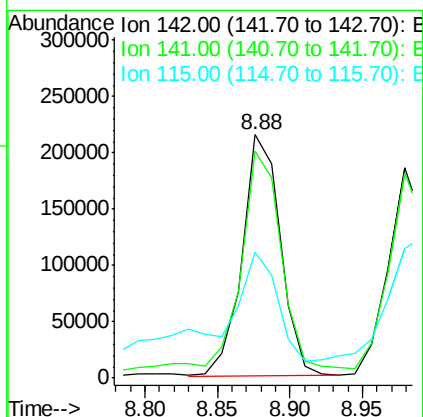
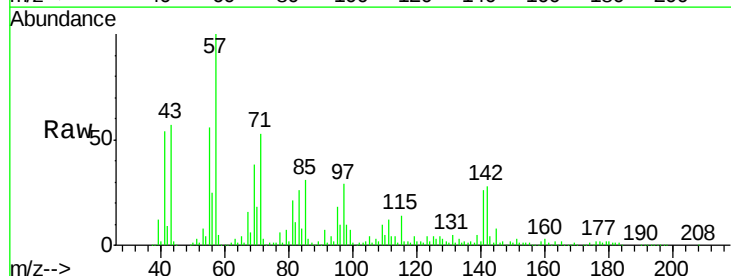
Instrument :
 BNA_F
 ClientSampled :
 TP-15(3)

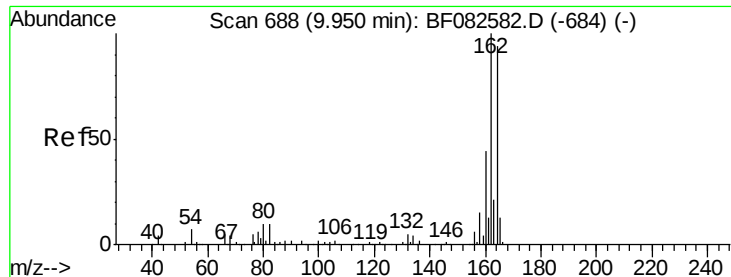
Tgt Ion:113 Resp: 246543
 Ion Ratio Lower Upper
 113 100
 55 441.8 195.5 235.5#
 56 326.0 153.5 193.5#



#37
 2-Methylnaphthalene
 Concen: 17.01 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Tgt Ion:142 Resp: 391170
 Ion Ratio Lower Upper
 142 100
 141 93.1 72.3 108.5
 115 51.9 38.1 57.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

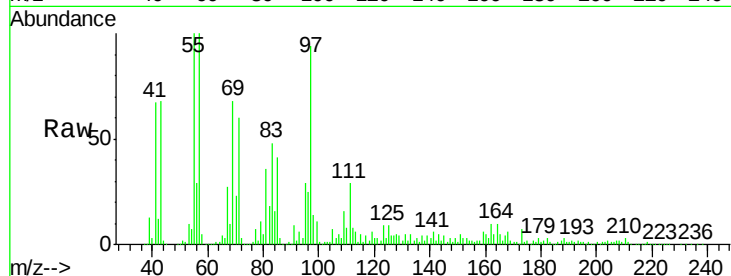
Tgt Ion:164 Resp: 263648

Ion Ratio Lower Upper

164 100

162 101.2 84.9 127.3

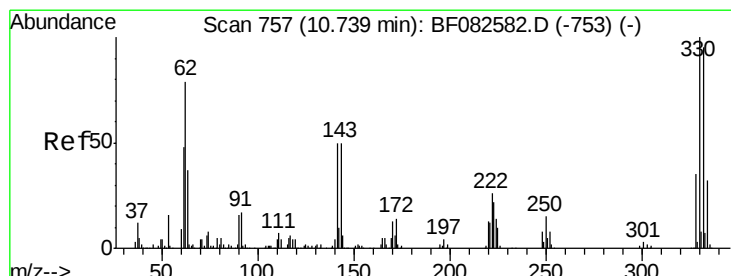
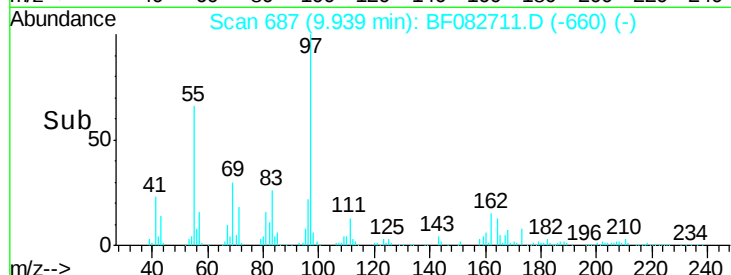
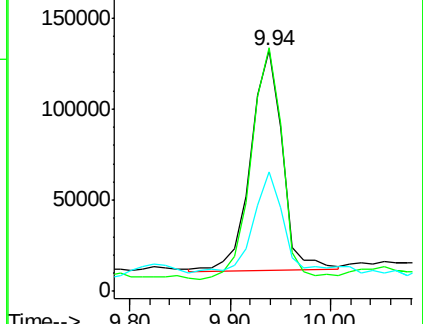
160 49.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.09 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

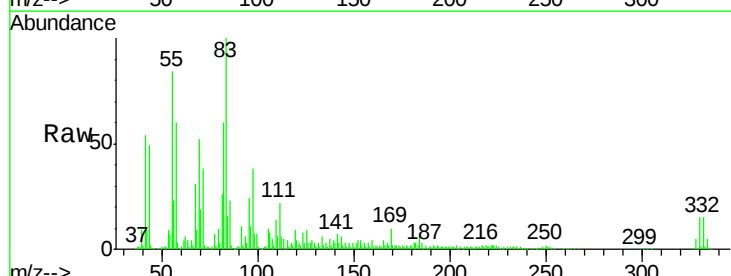
Tgt Ion:330 Resp: 412874

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

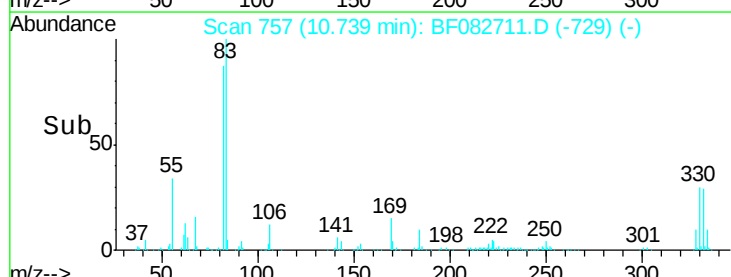
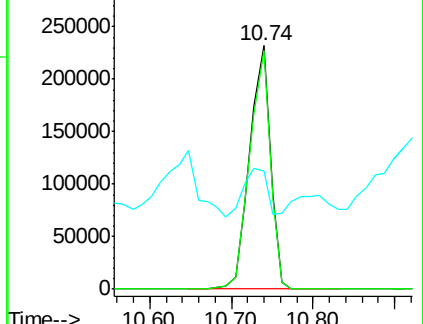
141 22.1 41.2 61.8#

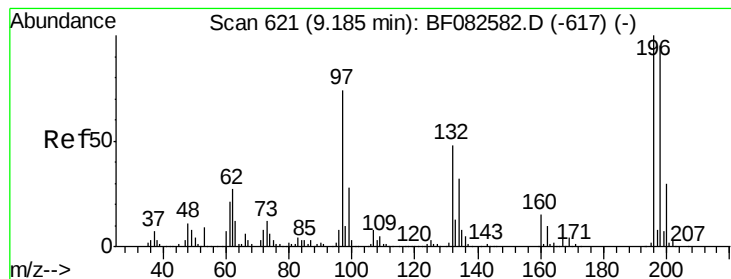


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 2.57 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampled :

TP-15(3)

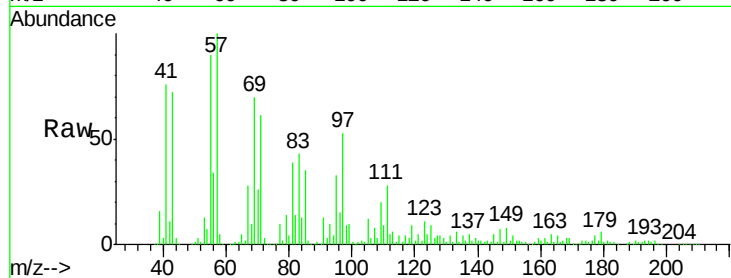
Tgt Ion:196 Resp: 16324

Ion Ratio Lower Upper

196 100

198 3.6 76.3 114.5#

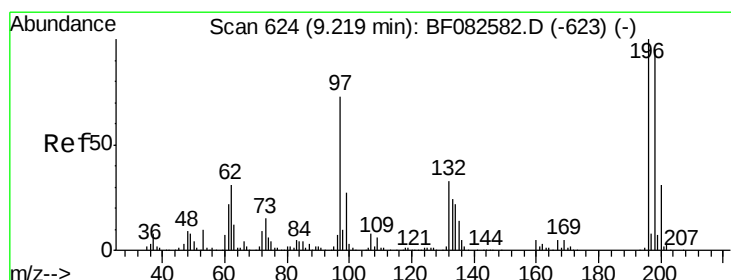
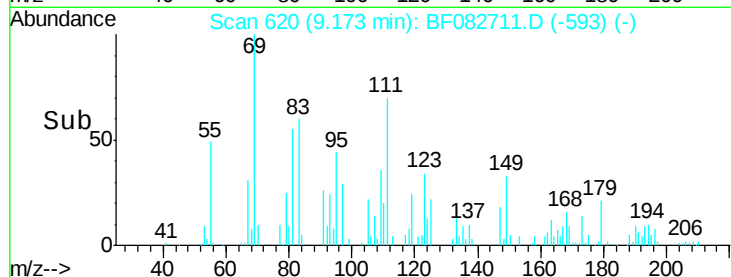
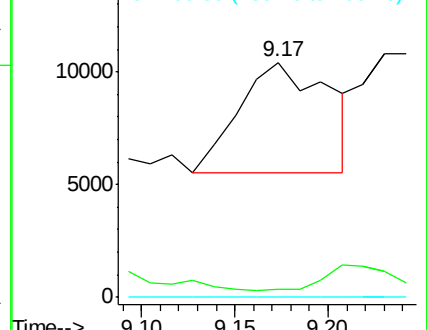
200 0.0 23.9 35.9#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 2.39 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.03 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Tgt Ion:196 Resp: 15148

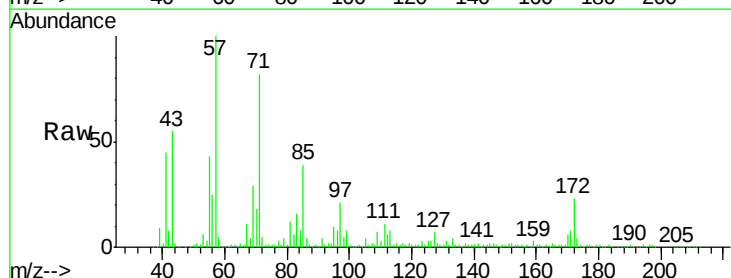
Ion Ratio Lower Upper

196 100

198 10.5 75.8 113.8#

97 3289.5 62.3 93.5#

132 153.8 27.4 41.2#

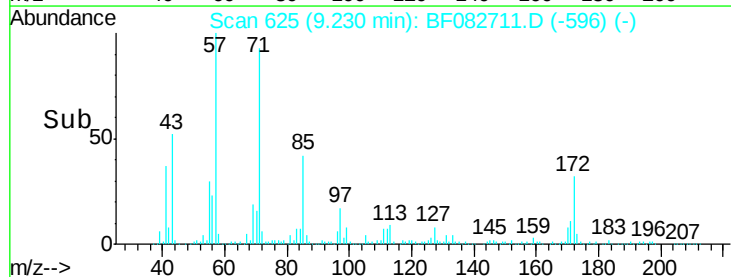
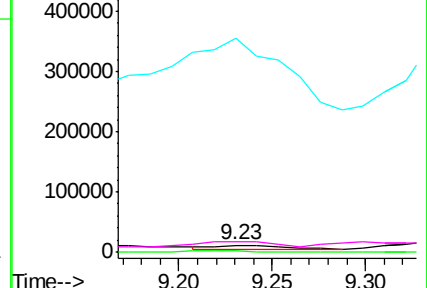


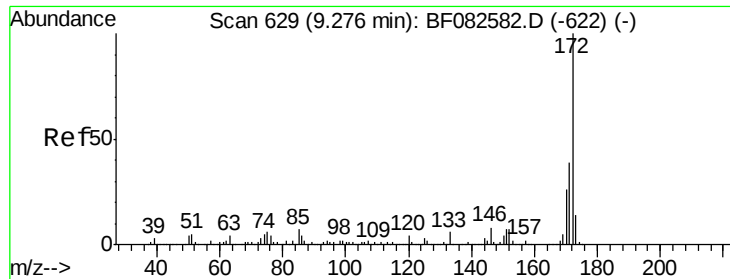
Abundance Ion 196.00 (195.70 to 196.70): E

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

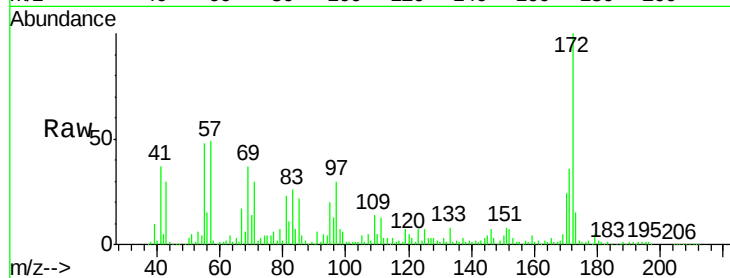




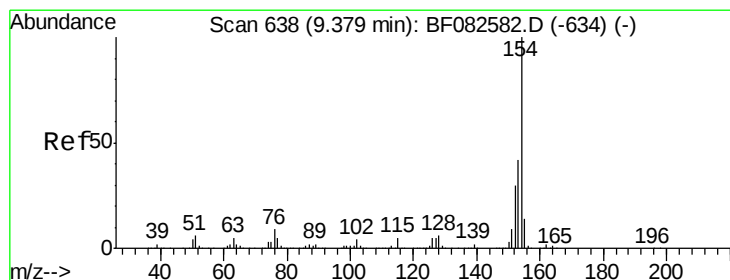
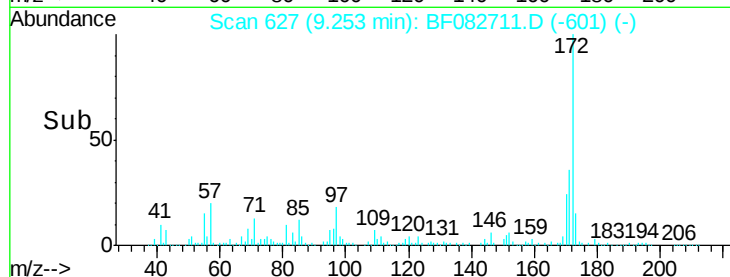
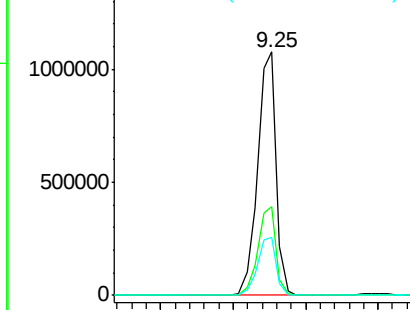
#44
2-Fluorobiphenyl
Concen: 104.67 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Instrument :
BNA_F
ClientSampleId :
TP-15(3)

Tgt Ion:172 Resp: 1943587
Ion Ratio Lower Upper
172 100
171 36.2 30.8 46.2
170 24.1 21.2 31.8

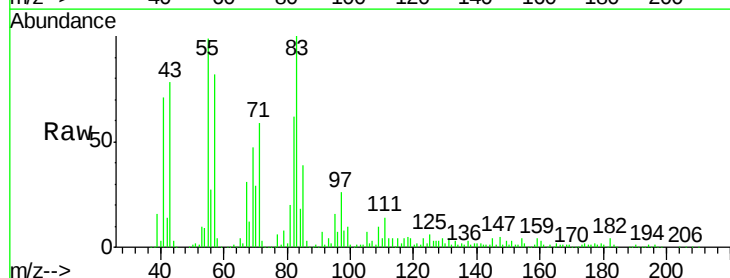


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

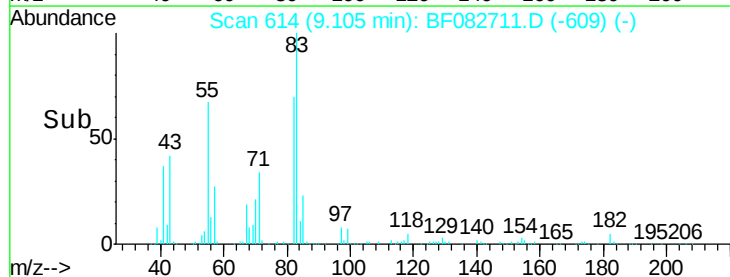
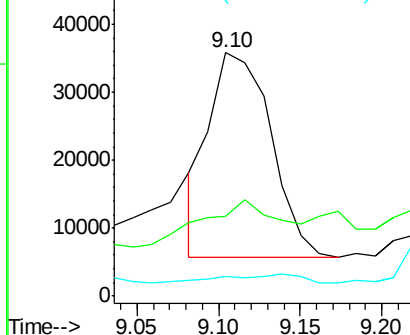


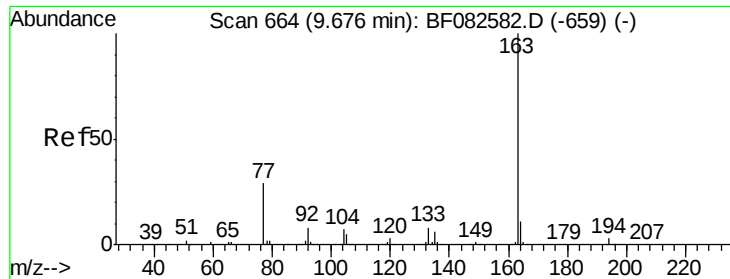
#45
1,1'-Biphenyl
Concen: 3.56 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.24 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:154 Resp: 79316
Ion Ratio Lower Upper
154 100
153 33.0 22.0 62.0
76 7.9 0.0 29.0



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

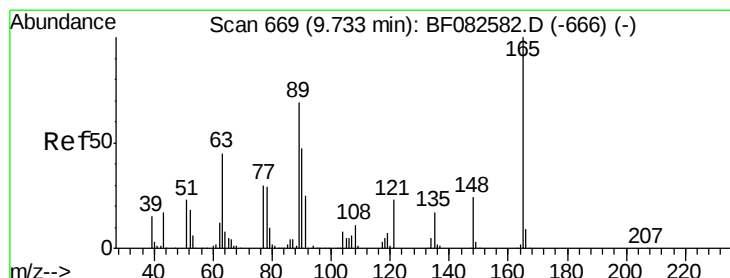
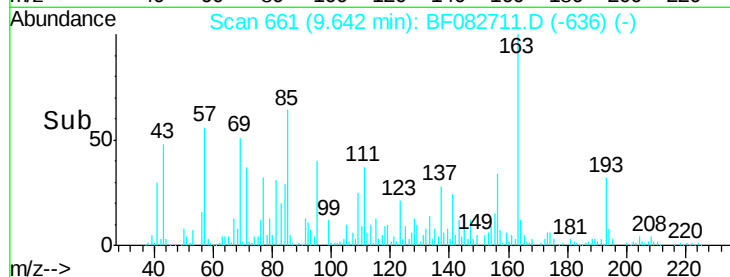
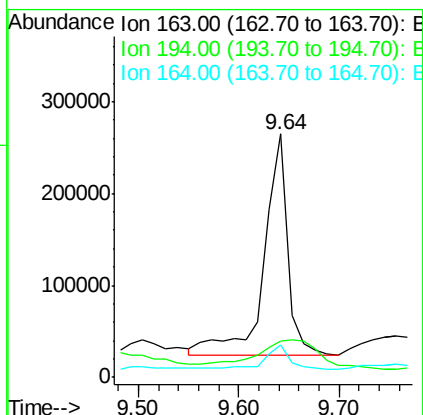
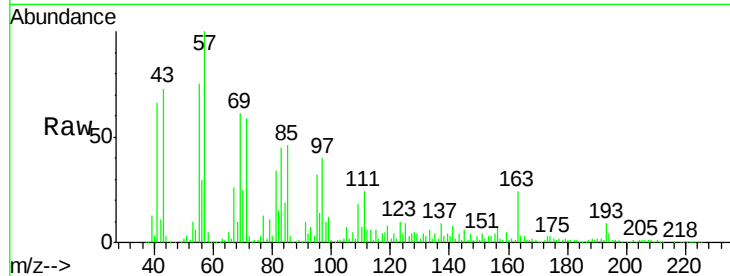




#49
Dimethylphthalate
Concen: 18.50 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

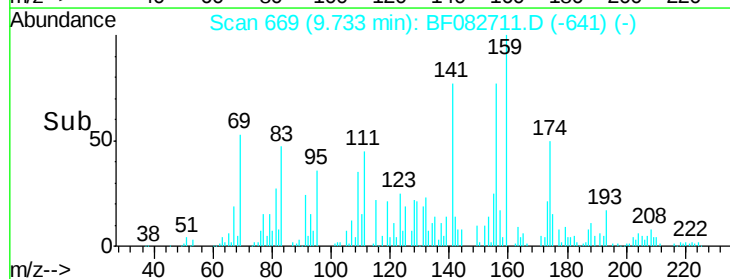
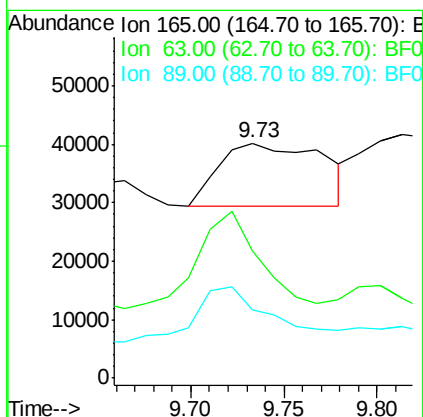
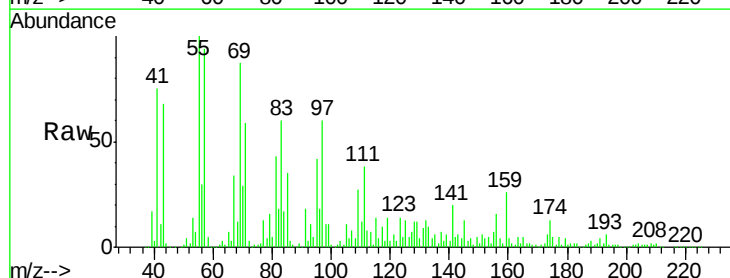
Instrument :
BNA_F
ClientSampleId :
TP-15(3)

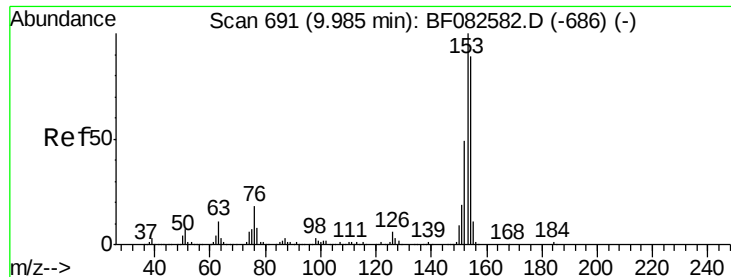
Tgt Ion:163 Resp: 398289
Ion Ratio Lower Upper
163 100
194 14.8 2.6 4.0#
164 13.2 8.7 13.1#



#50
2,6-Dinitrotoluene
Concen: 9.31 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.02 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:165 Resp: 41536
Ion Ratio Lower Upper
165 100
63 53.8 55.5 83.3#
89 29.3 55.0 82.6#





#51

Acenaphthene

Concen: 3.21 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

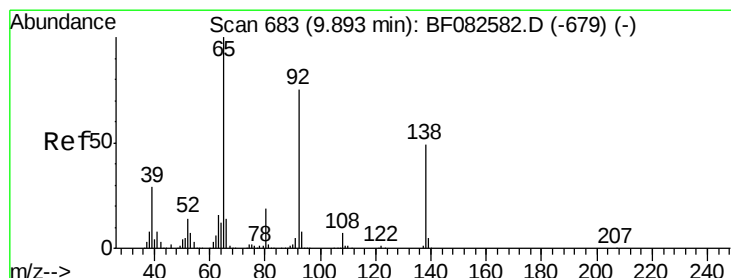
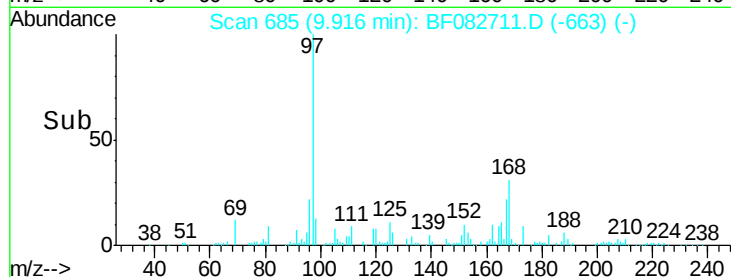
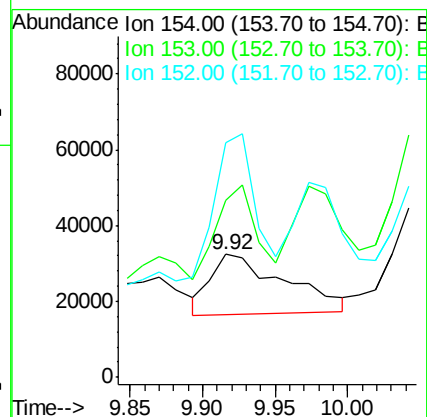
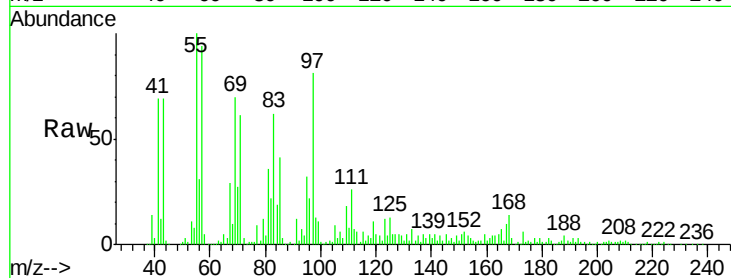
Tgt Ion:154 Resp: 56717

Ion Ratio Lower Upper

154 100

153 143.9 90.1 135.1#

152 190.7 44.3 66.5#



#52

3-Nitroaniline

Concen: 6.31 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

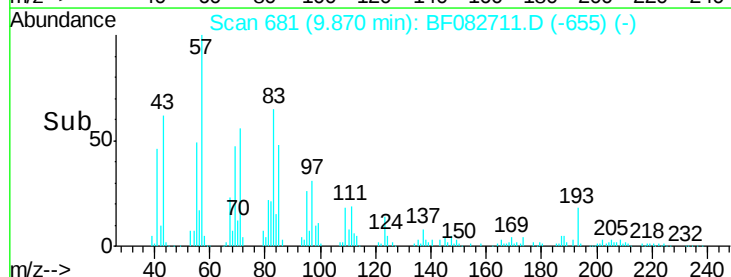
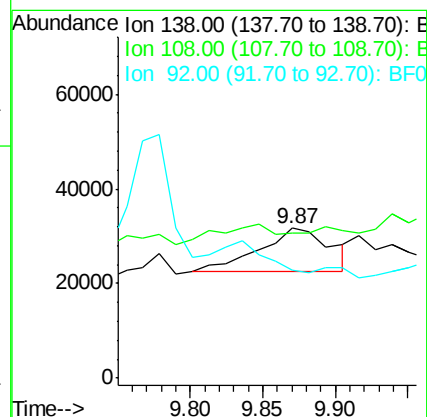
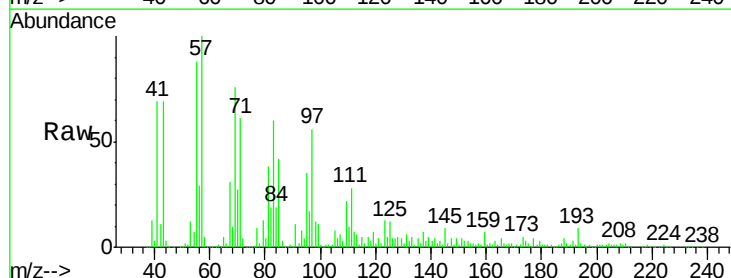
Tgt Ion:138 Resp: 31337

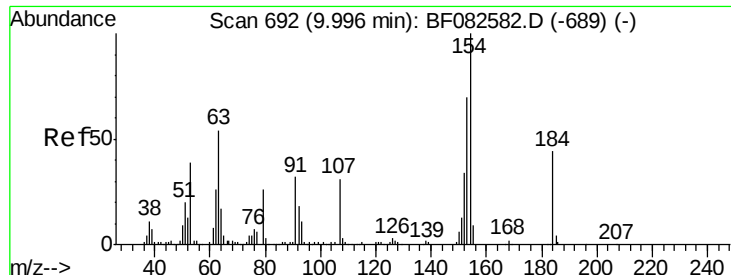
Ion Ratio Lower Upper

138 100

108 97.0 11.3 16.9#

92 71.7 122.4 183.6#

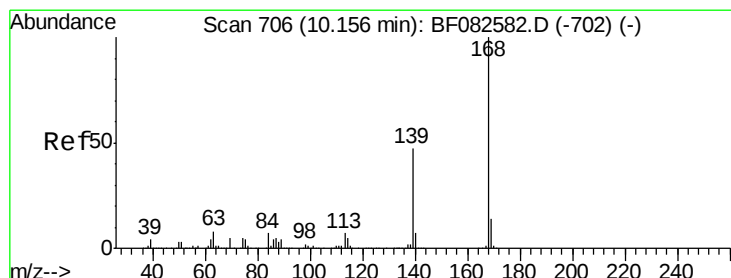
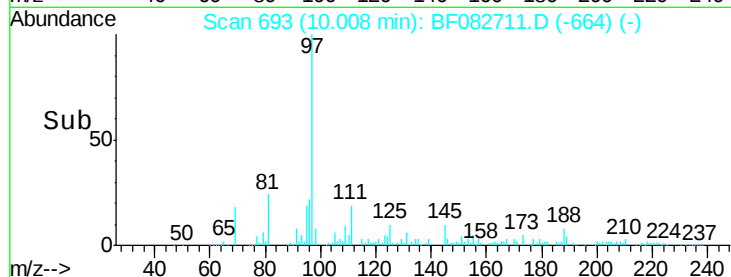
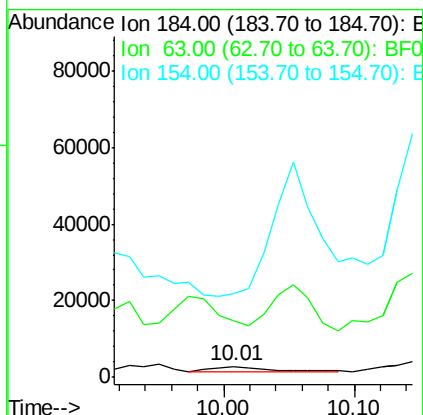
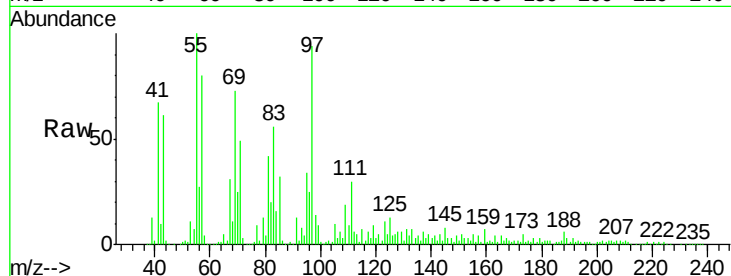




#53
2,4-Dinitrophenol
Concen: 8.07 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.03 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

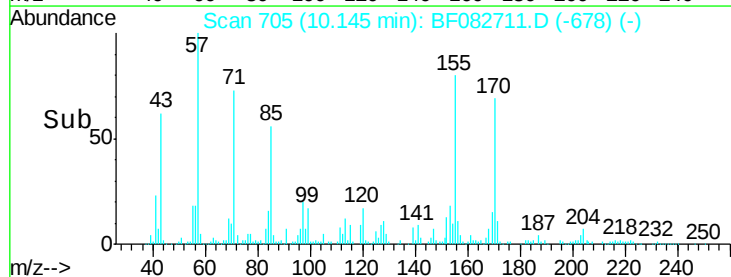
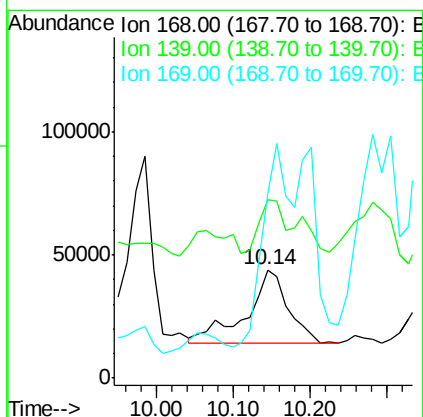
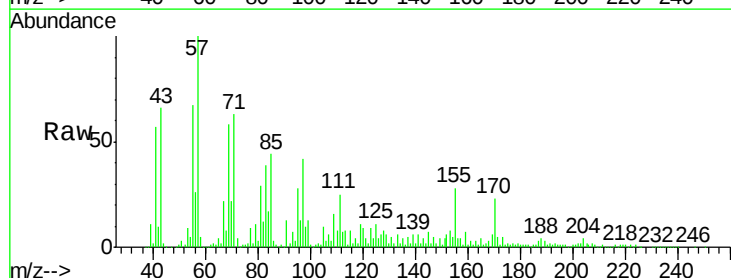
Instrument :
BNA_F
ClientSampleId :
TP-15(3)

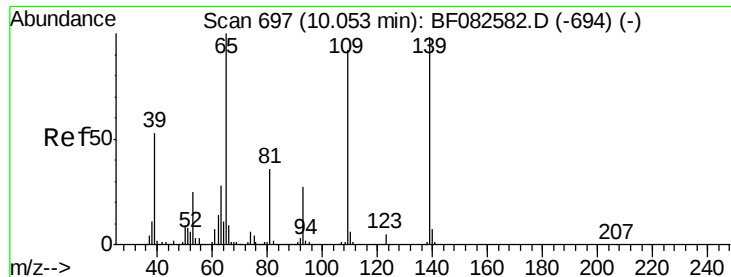
Tgt Ion:184 Resp: 3586
Ion Ratio Lower Upper
184 100
63 505.5 98.6 148.0#
154 742.5 183.9 275.9#



#54
Dibenzofuran
Concen: 4.77 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:168 Resp: 114220
Ion Ratio Lower Upper
168 100
139 165.7 37.8 56.6#
169 170.8 11.3 16.9#

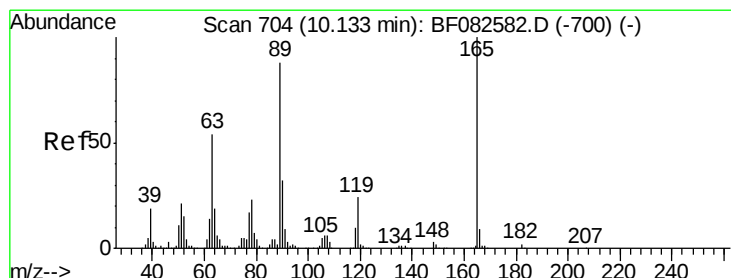
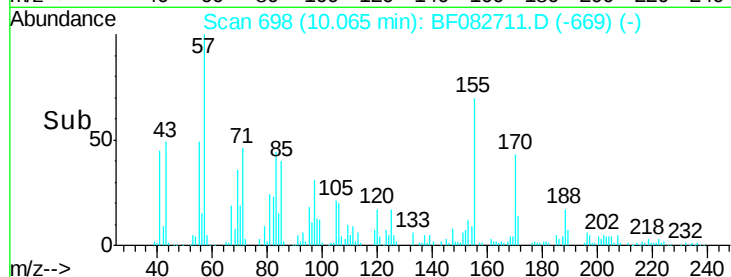
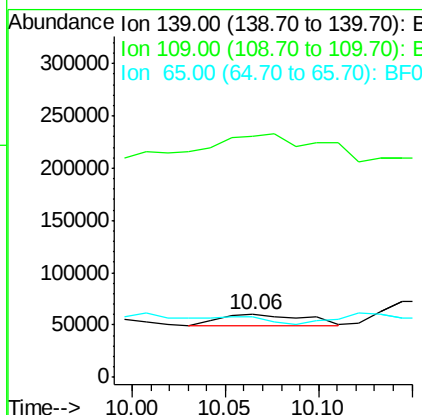
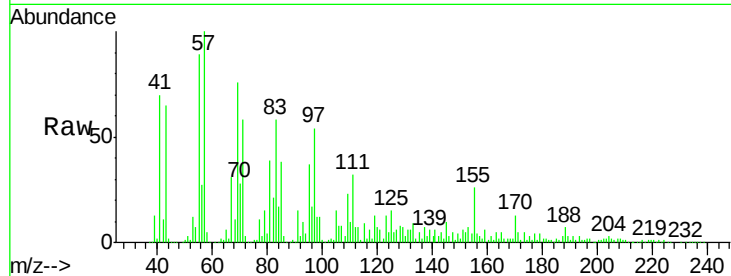




#55
4-Nitrophenol
Concen: 9.28 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.03 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

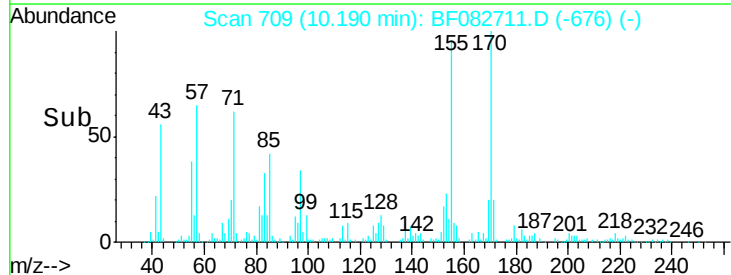
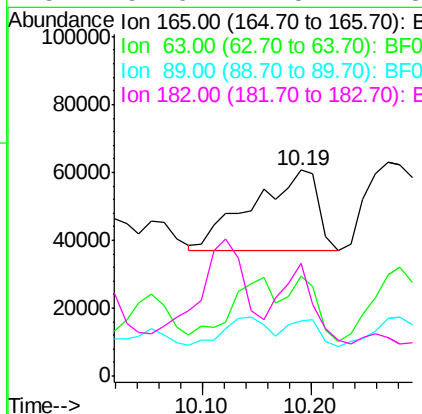
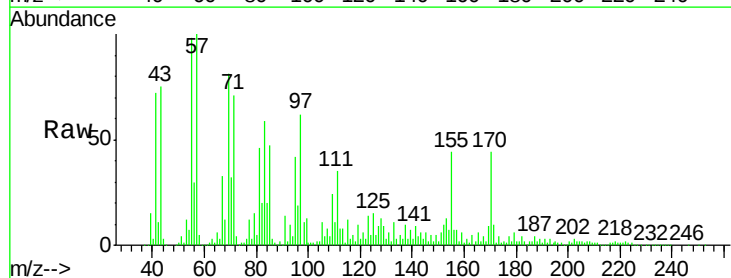
Instrument :
BNA_F
ClientSampleId :
TP-15(3)

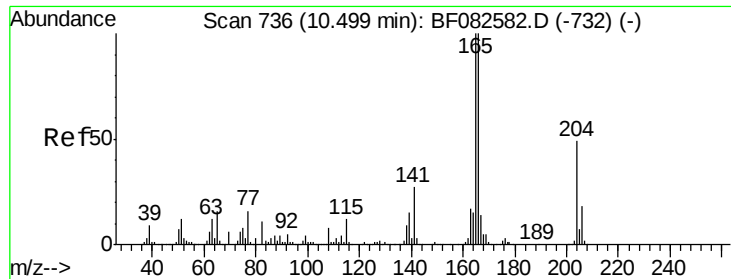
Tgt Ion:139 Resp: 34681
Ion Ratio Lower Upper
139 100
109 383.8 73.7 113.7#
65 96.4 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 16.66 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.08 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:165 Resp: 100547
Ion Ratio Lower Upper
165 100
63 48.3 43.4 65.0
89 27.0 70.6 106.0#
182 54.6 1.5 2.3#

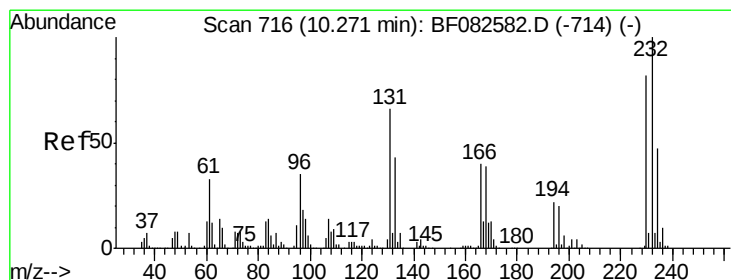
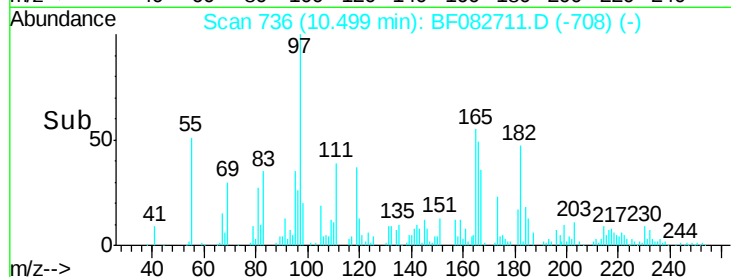
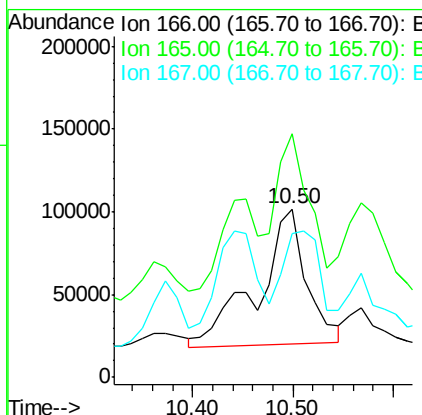
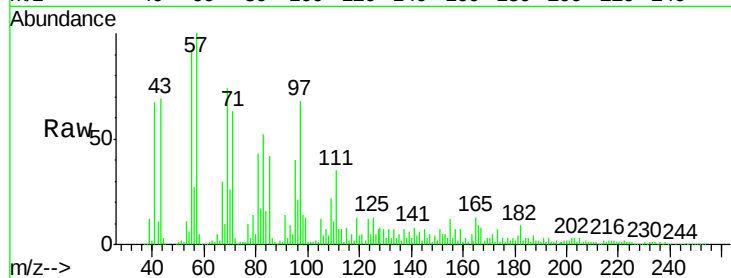




#57
Fluorene
 Concen: 14.22 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.02 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

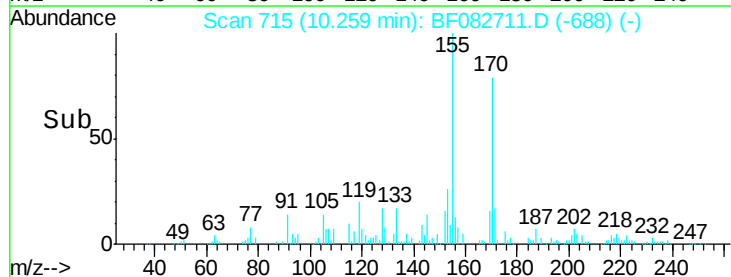
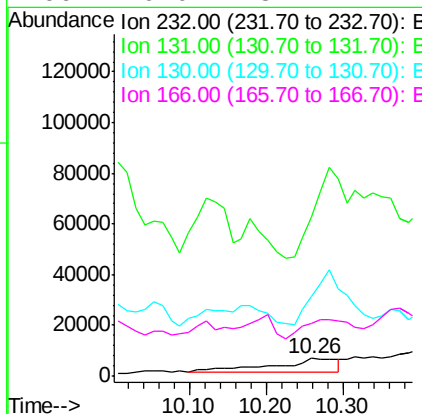
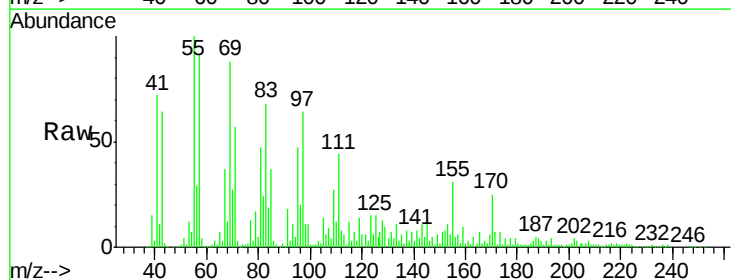
Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)

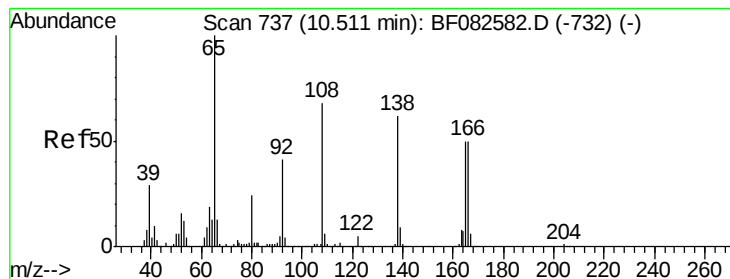
Tgt Ion:166 Resp: 274778
 Ion Ratio Lower Upper
 166 100
 165 144.5 80.2 120.4#
 167 85.0 11.2 16.8#



#58
2,3,4,6-Tetrachlorophenol
 Concen: 5.45 ng
 RT: 10.26 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Tgt Ion:232 Resp: 29163
 Ion Ratio Lower Upper
 232 100
 131 0.0 46.2 69.2#
 130 0.0 2.4 3.6#
 166 0.0 28.2 42.2#





#61

4-Nitroaniline

Concen: 20.81 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.09 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

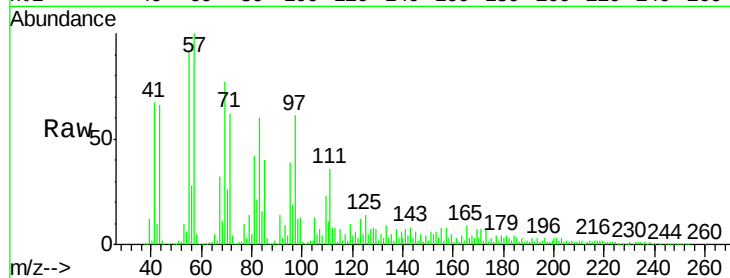
Tgt Ion:138 Resp: 98613

Ion Ratio Lower Upper

138 100

92 79.6 45.8 85.8

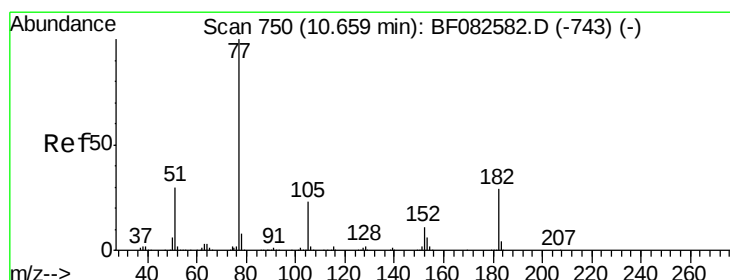
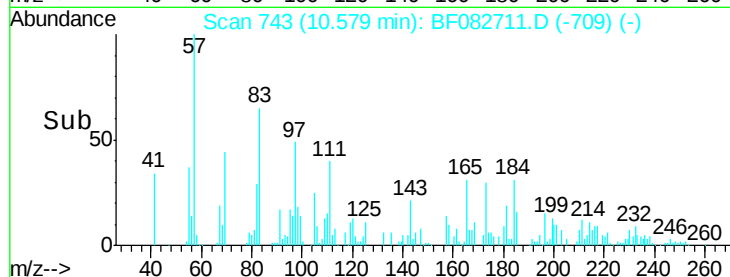
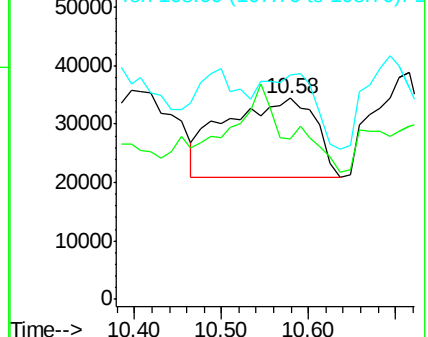
108 111.9 89.4 129.4



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: 5.21 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.03 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Tgt Ion: 77 Resp: 128861

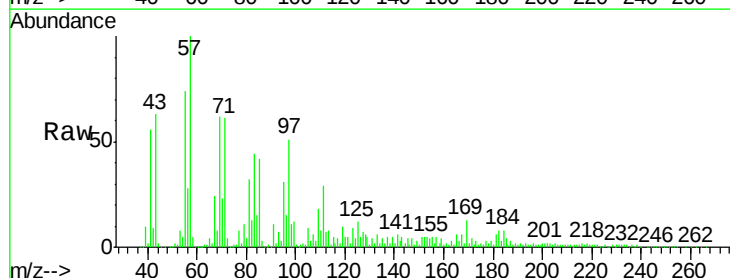
Ion Ratio Lower Upper

77 100

182 98.4 9.3 49.3#

105 107.2 2.6 42.6#

51 23.9 9.9 49.9

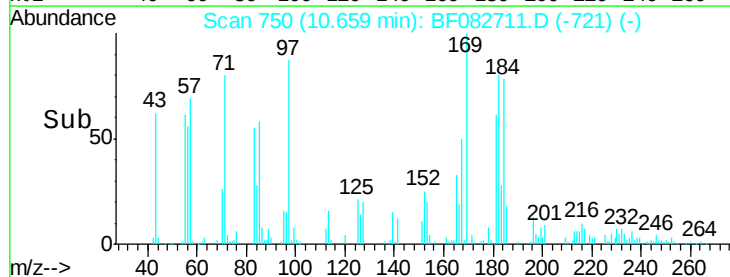
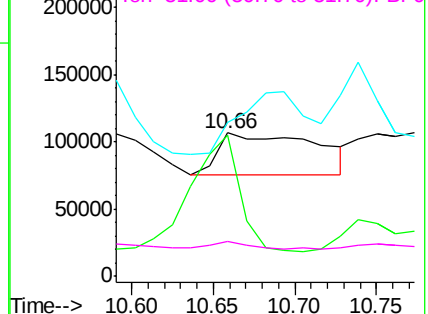


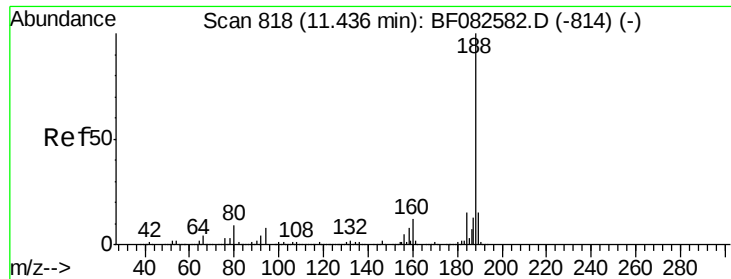
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

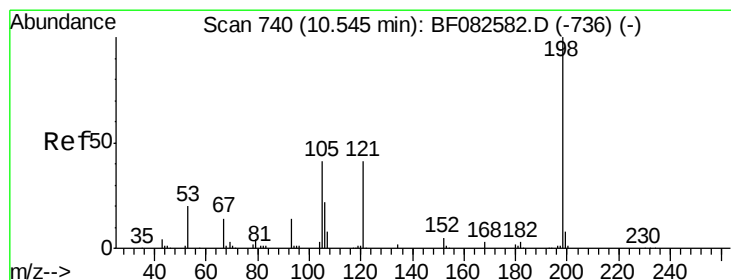
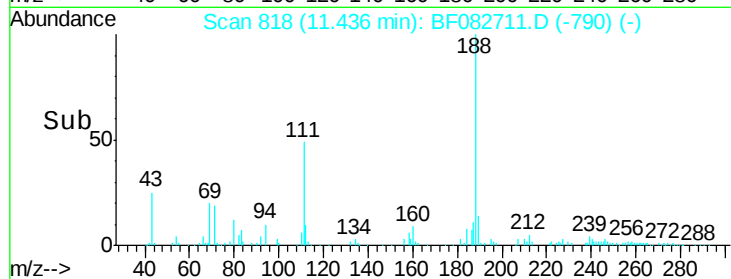
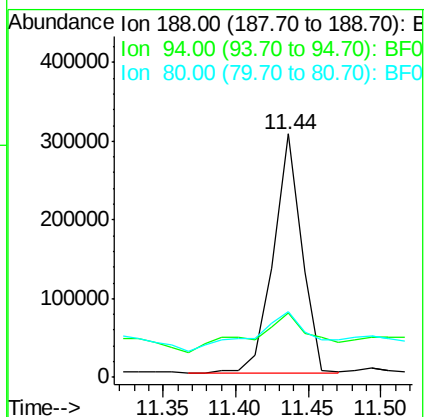
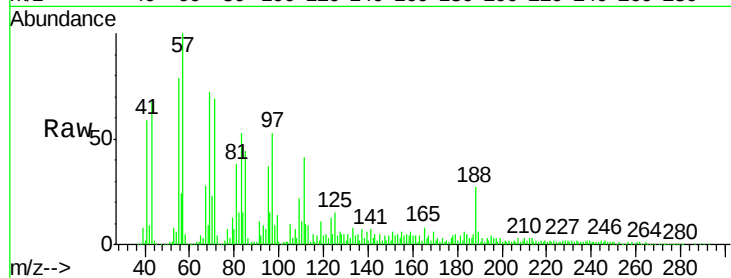




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

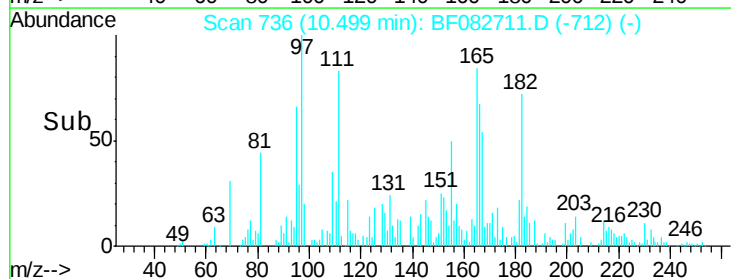
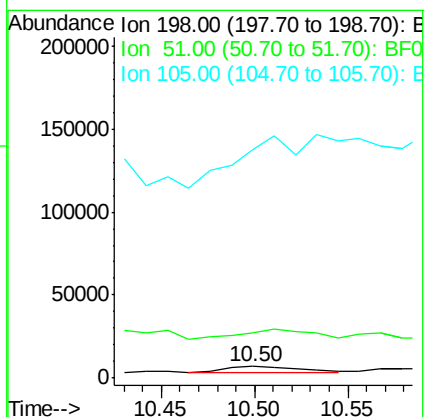
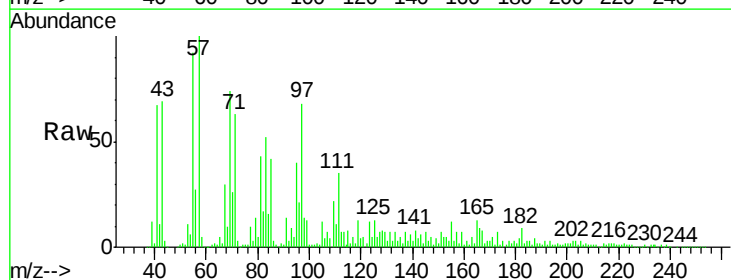
Instrument :
BNA_F
ClientSampleId :
TP-15(3)

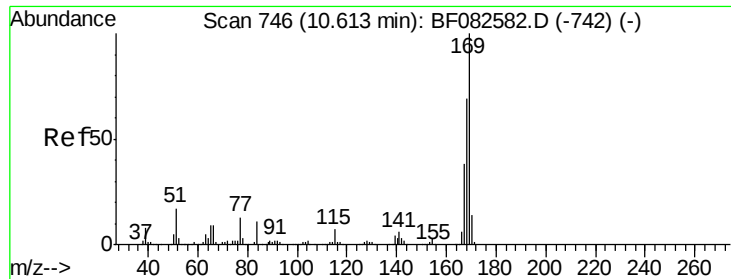
Tgt Ion:188 Resp: 413214
Ion Ratio Lower Upper
188 100
94 26.5 6.1 9.1#
80 26.9 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.60 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:198 Resp: 8974
Ion Ratio Lower Upper
198 100
51 379.4 17.3 57.3#
105 1920.0 21.7 61.7#

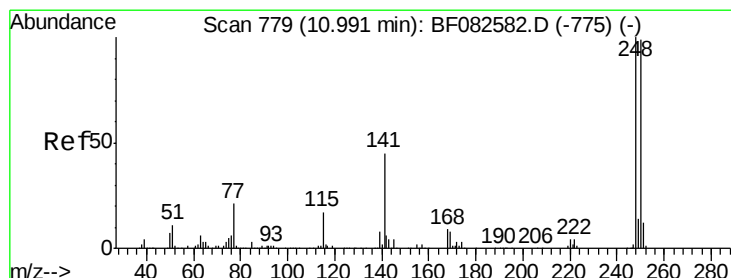
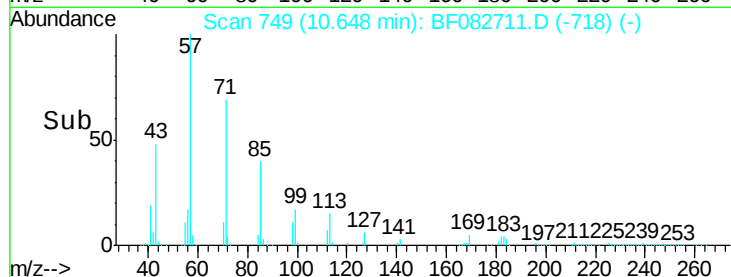
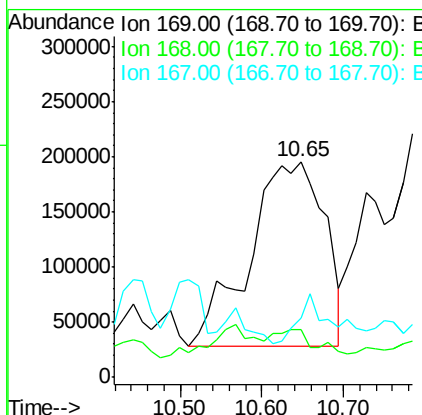
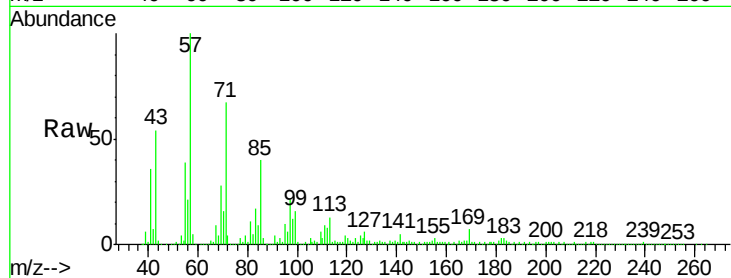




#65
n-Nitrosodiphenylamine
Concen: 75.07 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.06 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

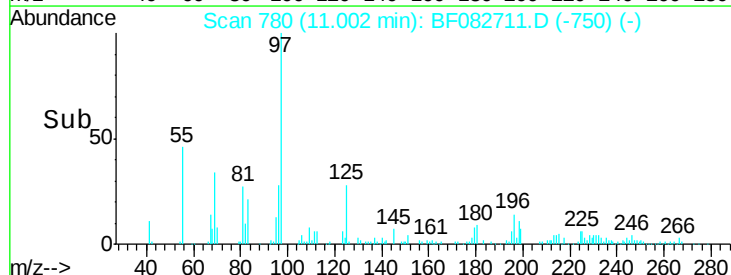
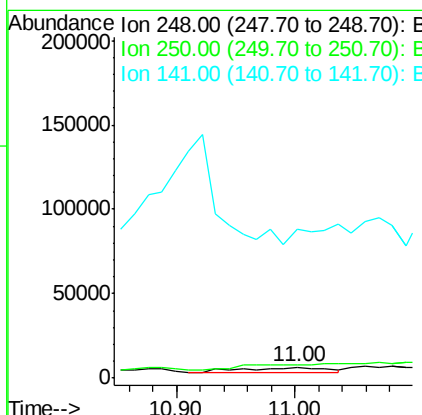
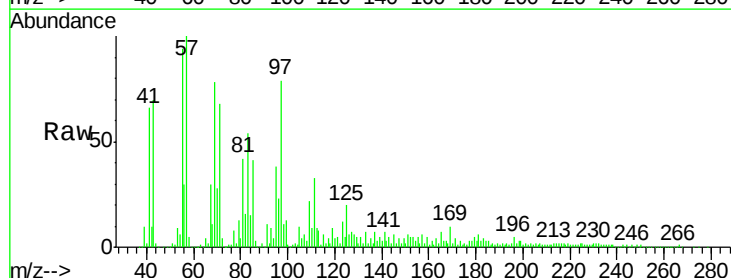
Instrument :
BNA_F
ClientSampleId :
TP-15(3)

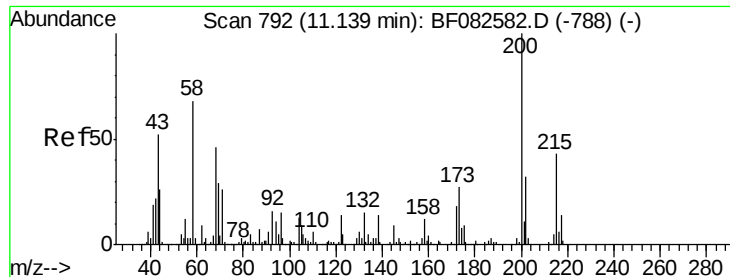
Tgt Ion:169 Resp: 1066396
Ion Ratio Lower Upper
169 100
168 22.1 55.0 82.6#
167 27.7 30.5 45.7#



#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.05 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:248 Resp: 13476
Ion Ratio Lower Upper
248 100
250 113.2 79.4 119.2
141 1321.1 36.3 54.5#





#68

Atrazine

Concen: 9.84 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.06 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampled :

TP-15(3)

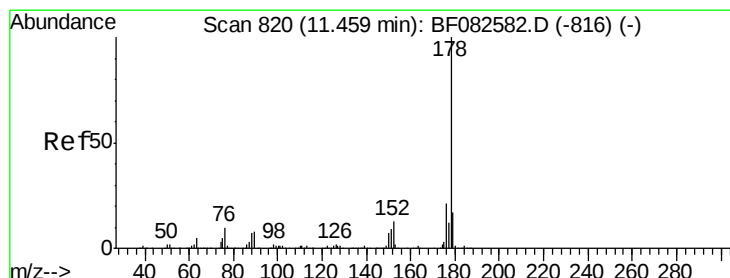
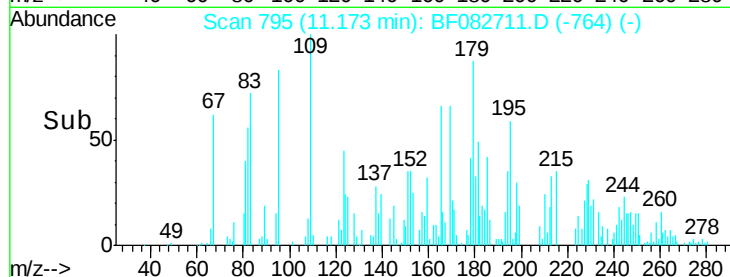
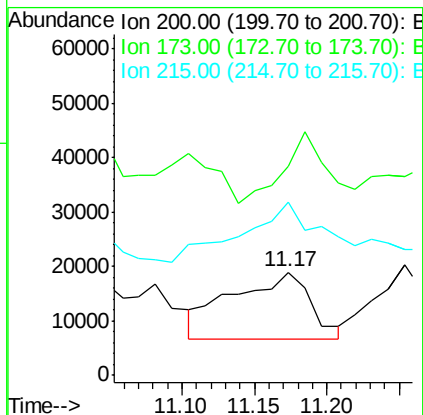
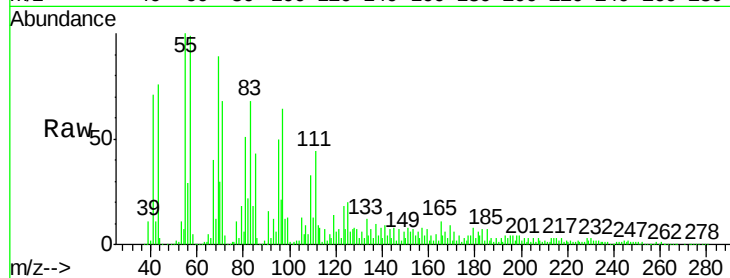
Tgt Ion:200 Resp: 45747

Ion Ratio Lower Upper

200 100

173 203.3 6.9 46.9#

215 168.8 22.9 62.9#



#70

Phenanthrene

Concen: 21.71 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

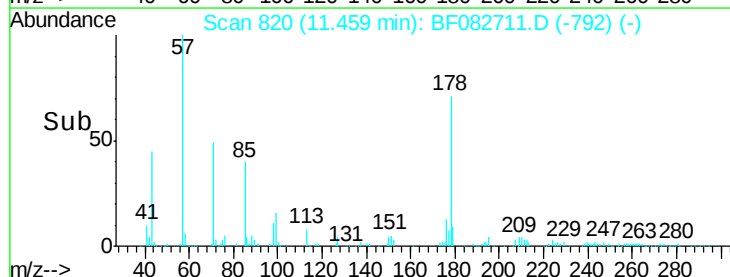
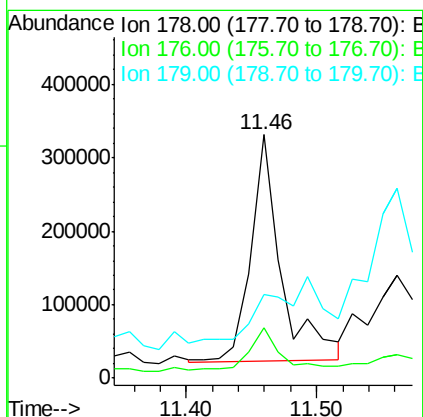
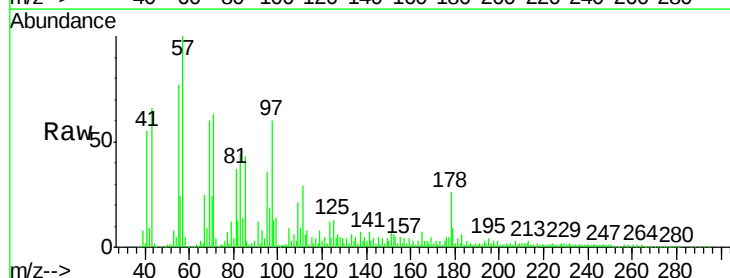
Tgt Ion:178 Resp: 505971

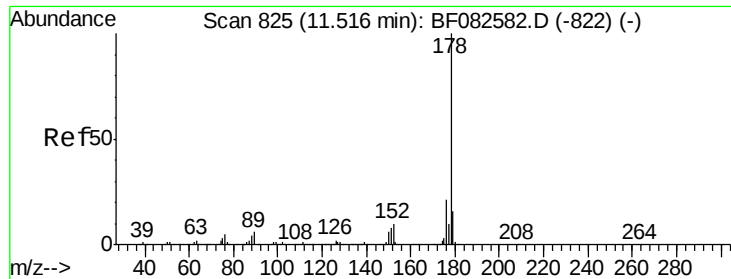
Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.4

179 34.6 13.4 20.0#

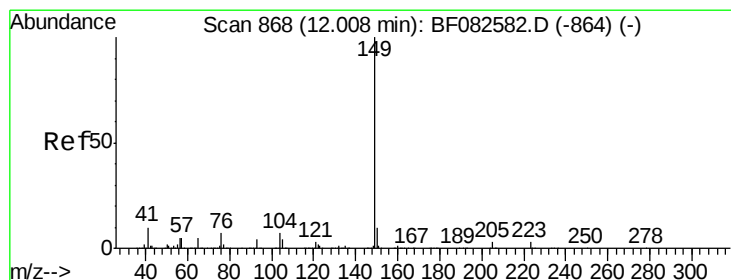
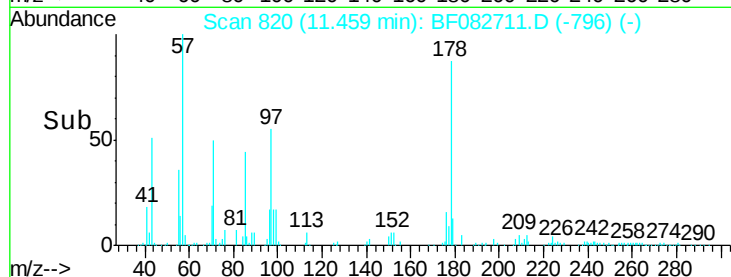
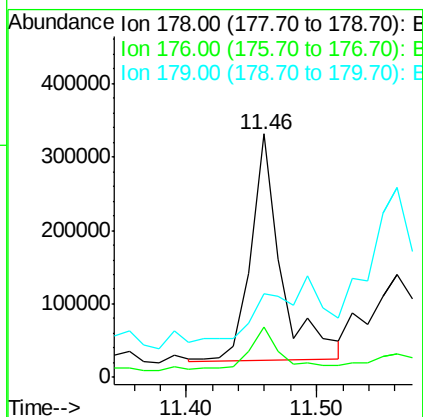
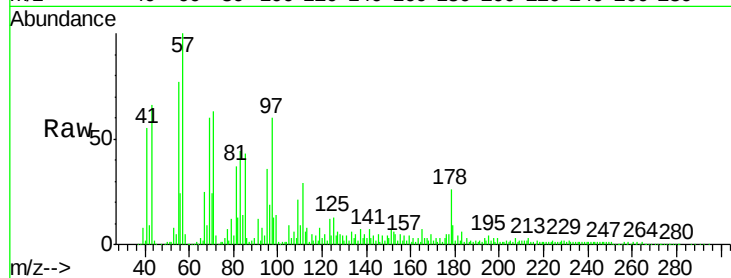




#71
 Anthracene
 Concen: 21.56 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

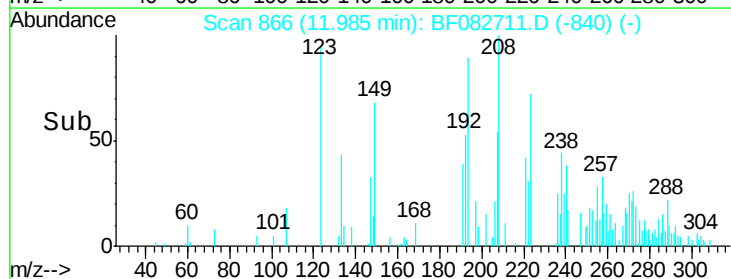
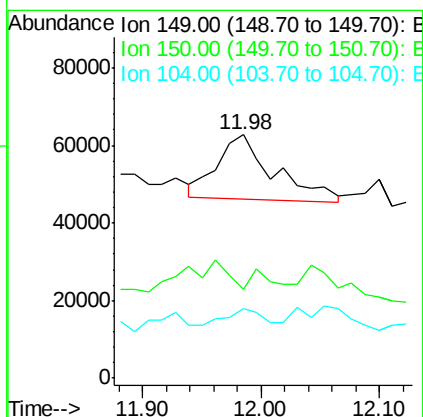
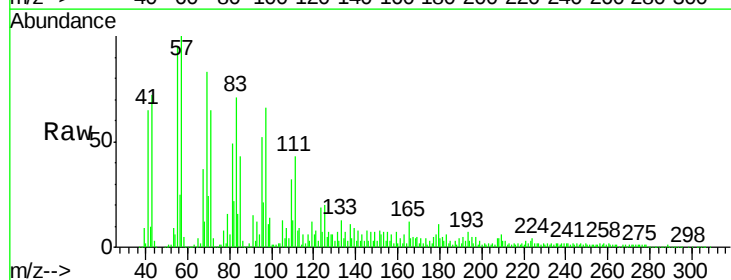
Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)

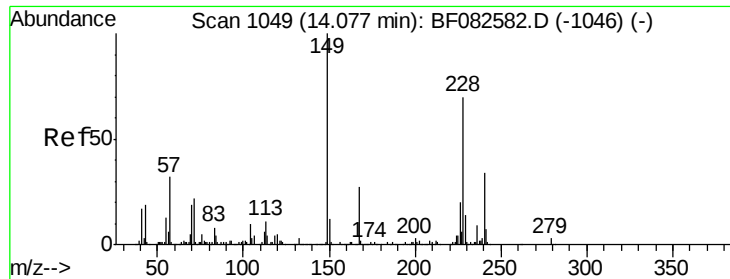
Tgt Ion:178 Resp: 505916
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.5 24.7
 179 34.6 13.2 19.8#



#73
 Di-n-butylphthalate
 Concen: 2.11 ng
 RT: 11.98 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Tgt Ion:149 Resp: 54848
 Ion Ratio Lower Upper
 149 100
 150 36.2 8.1 12.1#
 104 28.4 5.2 7.8#

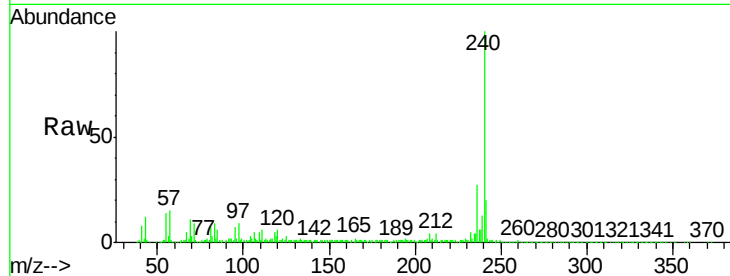




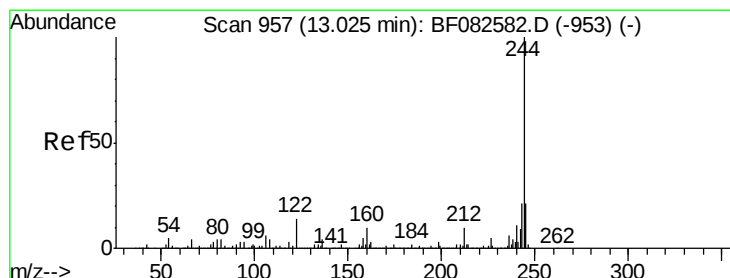
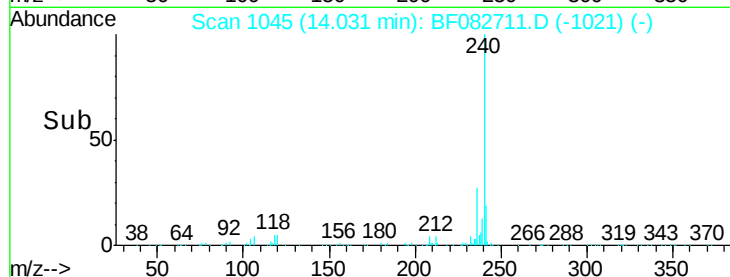
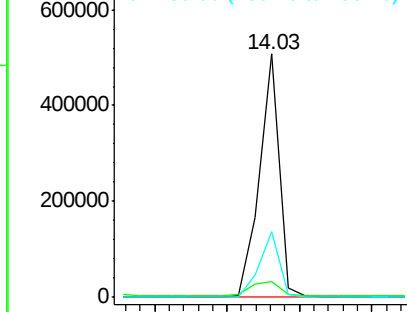
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Instrument :
BNA_F
ClientSampleId :
TP-15(3)

Tgt Ion:240 Resp: 477085
Ion Ratio Lower Upper
240 100
120 6.5 10.9 16.3#
236 27.0 21.6 32.4

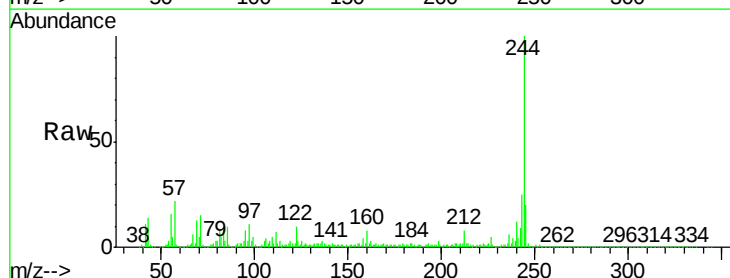


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

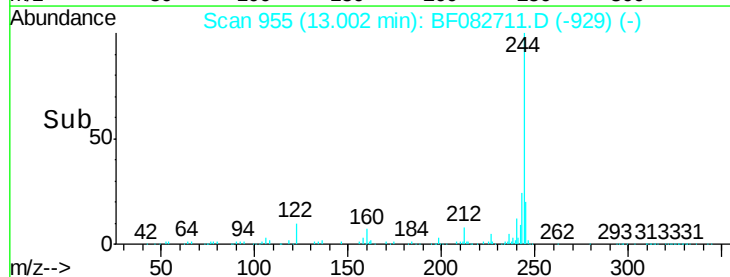
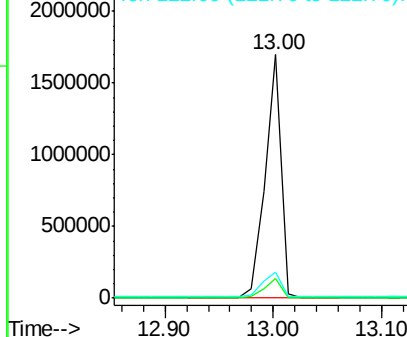


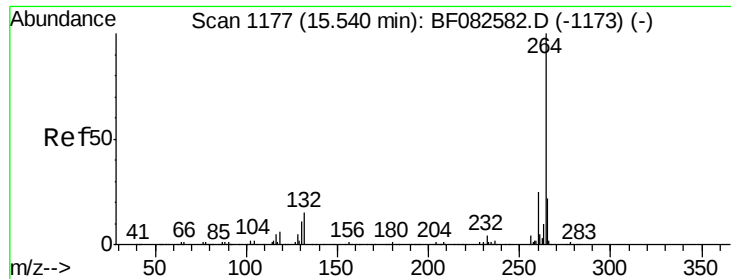
#78
Terphenyl-d14
Concen: 79.57 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:244 Resp: 1734701
Ion Ratio Lower Upper
244 100
212 8.2 7.6 11.4
122 10.5 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

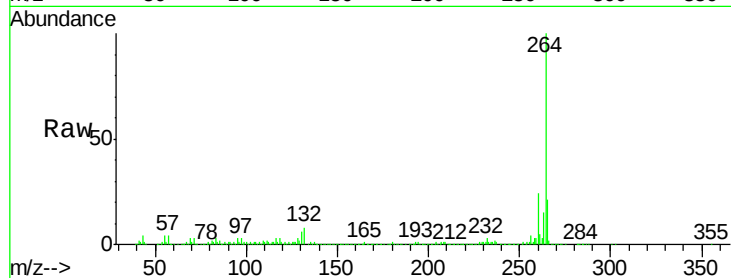




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Instrument :
BNA_F
ClientSampleId :
TP-15(3)

Tgt 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

