

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082605.D
 Acq On : 31 Oct 2015 7:21
 Operator : UM/IZ
 Sample : G4014-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6

Quant Time: Nov 02 00:23:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	212992	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	754373	20.00	ng	0.01
38) Acenaphthene-d10	9.98	164	343994	20.00	ng	0.03
63) Phenanthrene-d10	11.48	188	605570	20.00	ng	0.05
75) Chrysene-d12	14.09	240	488061	20.00	ng	0.01
86) Perylene-d12	15.54	264	437215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1739755	123.02	ng	0.01
7) Phenol-d6	6.54	99	2745952	146.16	ng	0.01
23) Nitrobenzene-d5	7.47	82	1715229	92.85	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	549592	145.99	ng	0.05
44) 2-Fluorobiphenyl	9.30	172	2325210	95.97	ng	0.02
78) Terphenyl-d14	13.05	244	2026460	90.87	ng	0.02

Target Compounds

						Qvalue
9) Benzaldehyde	6.46	77	39532	3.08	ng	# 1
18) Hexachloroethane	7.41	117	38281	5.67	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	55118	3.87	ng	# 53
22) Acetophenone	7.32	105	420710	18.94	ng	# 1
24) Nitrobenzene	7.46	77	123862	6.63	ng	# 61
25) Isophorone	7.73	82	360763	10.62	ng	# 1
26) 2-Nitrophenol	7.73	139	25193	3.69	ng	# 1
27) 2,4-Dimethylphenol	7.87	122	42949	3.23	ng	# 1
29) 2,4-Dichlorophenol	8.06	162	60786	5.01	ng	# 1
31) Naphthalene	8.20	128	213454	5.23	ng	# 1
32) Benzoic acid	8.02	122	31129	3.22	ng	# 1
33) 4-Chloroaniline	8.21	127	149830	8.60	ng	# 1
35) Caprolactam	8.67	113	578945	155.47	ng	# 17
36) 4-Chloro-3-methylphenol	8.76	107	43468	3.04	ng	# 45
37) 2-Methylnaphthalene	8.93	142	137869	5.21	ng	# 8
42) 2,4,6-Trichlorophenol	9.22	196	19737	2.38	ng	# 18
43) 2,4,5-Trichlorophenol	9.22	196	19737	2.39	ng	# 1
45) 1,1'-Biphenyl	9.17	154	128338	4.42	ng	# 83
47) 2-Nitroaniline	9.56	65	53935	6.12	ng	# 31
49) Dimethylphthalate	9.69	163	477701	17.00	ng	# 90
50) 2,6-Dinitrotoluene	9.78	165	46675	8.02	ng	# 78
51) Acenaphthene	10.02	154	117900	5.12	ng	# 34
52) 3-Nitroaniline	9.92	138	40066	6.18	ng	# 36
53) 2,4-Dinitrophenol	9.98	184	1912	7.26	ng	# 1
54) Dibenzofuran	10.20	168	87961	2.81	ng	# 1
55) 4-Nitrophenol	10.10	139	96209	19.74	ng	# 21
56) 2,4-Dinitrotoluene	10.20	165	46936	5.96	ng	# 59
57) Fluorene	10.53	166	290274	11.51	ng	# 45
60) 4-Chlorophenyl-phenylether	10.49	204	56775	4.63	ng	# 1
61) 4-Nitroaniline	10.46	138	31099	5.03	ng	# 74
62) Azobenzene	10.69	77	100296	3.11	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.53	198	15473	4.24	ng	# 1
65) n-Nitrosodiphenylamine	10.66	169	1039239	49.92	ng	# 47
68) Atrazine	11.21	200	157448	23.12	ng	# 50

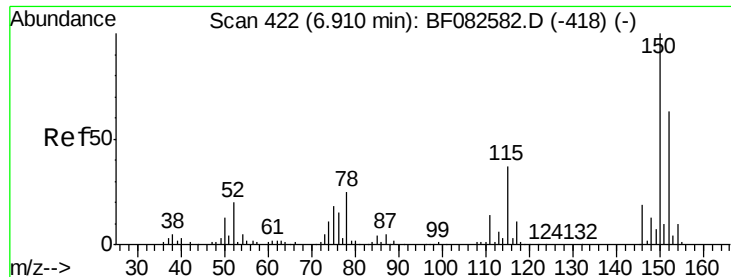
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082605.D
Acq On : 31 Oct 2015 7:21
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QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	11.50	178	720287	21.09	ng	# 83
71) Anthracene	11.54	178	206150	5.99	ng	# 1
74) Fluoranthene	12.91	202	715599	20.49	ng	91
77) Pyrene	12.91	202	715599	19.80	ng	# 93
82) Chrysene	14.11	228	57055	2.03	ng	# 34

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

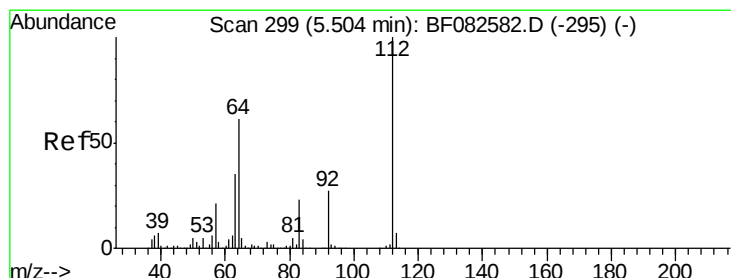
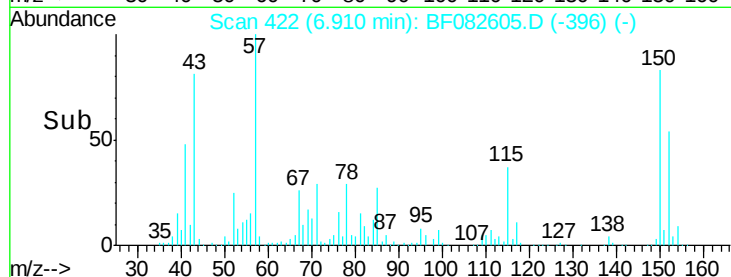
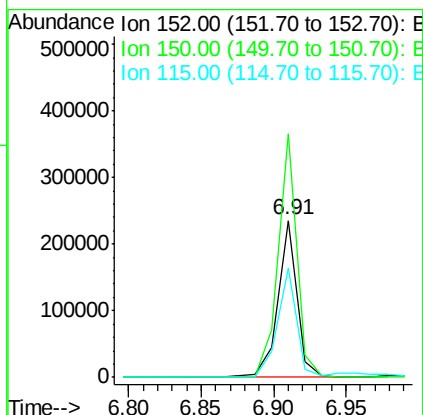
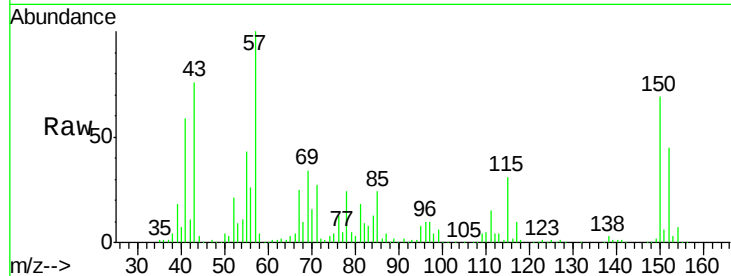


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Instrument :
BNA_F
ClientSampleId :
SC-6

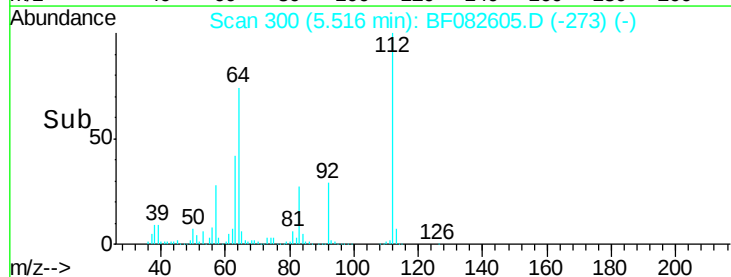
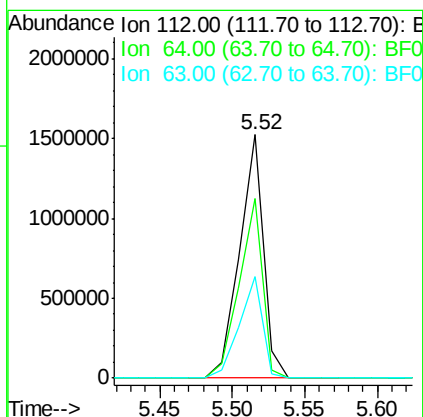
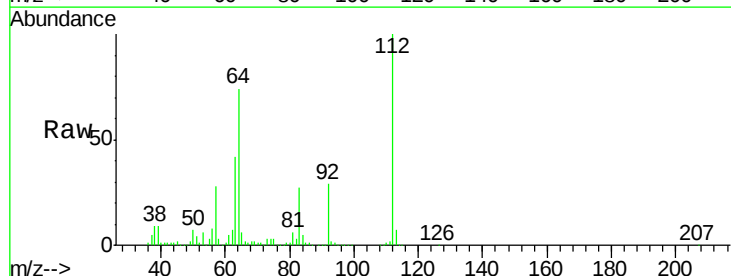
Tgt Ion:152 Resp: 212992
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.4
115 69.4 47.0 70.6

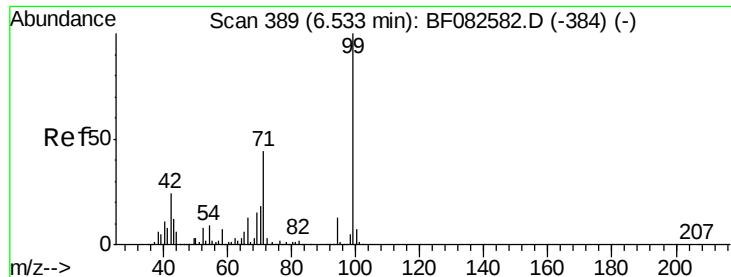


#5

2-Fluorophenol
Concen: 123.02 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion:112 Resp: 1739755
Ion Ratio Lower Upper
112 100
64 73.7 48.9 73.3#
63 41.8 28.1 42.1





#7

Phenol-d6

Concen: 146.16 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

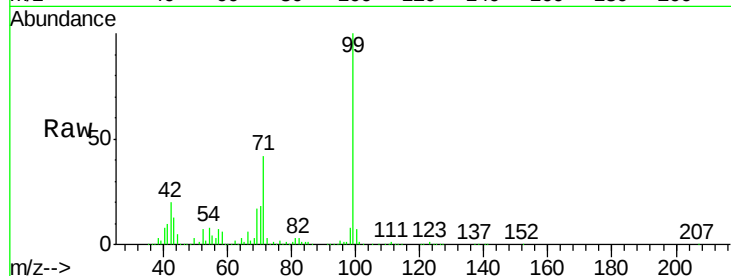
Tgt Ion: 99 Resp: 2745952

Ion Ratio Lower Upper

99 100

42 19.7 19.2 28.8

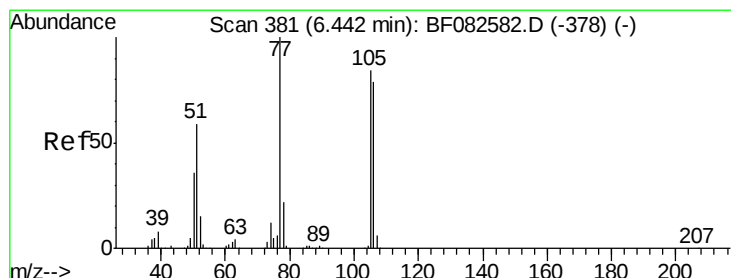
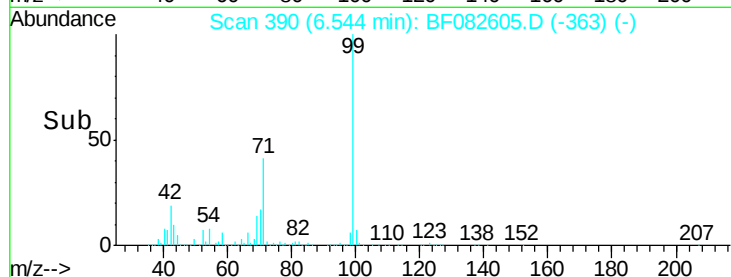
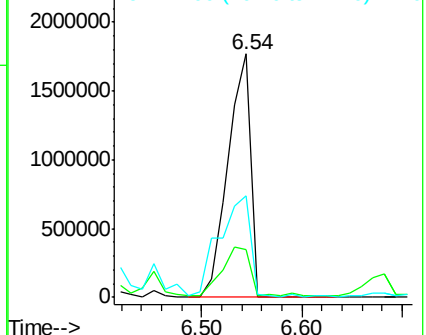
71 41.6 35.0 52.4



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: 3.08 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.02 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

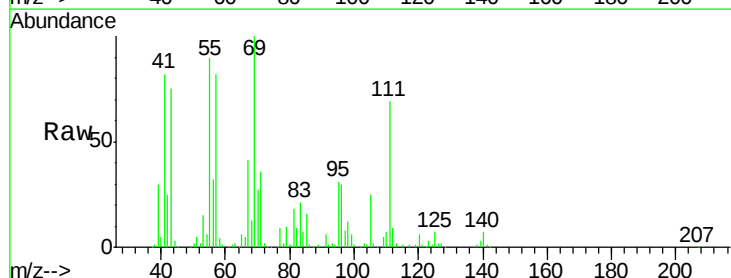
Tgt Ion: 77 Resp: 39532

Ion Ratio Lower Upper

77 100

105 279.0 63.5 103.5#

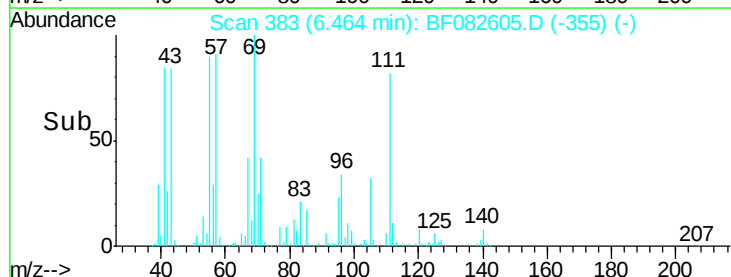
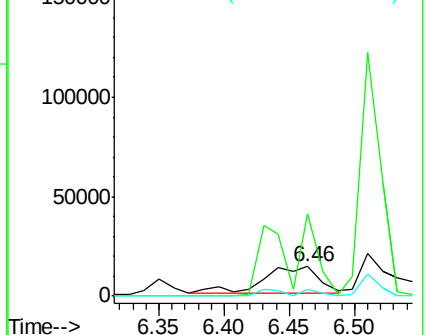
106 24.0 59.3 99.3#

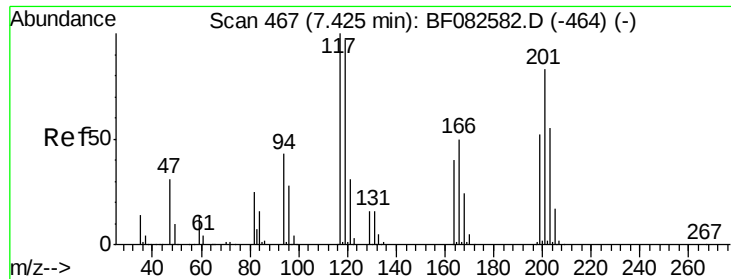


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 5.67 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampled :

SC-6

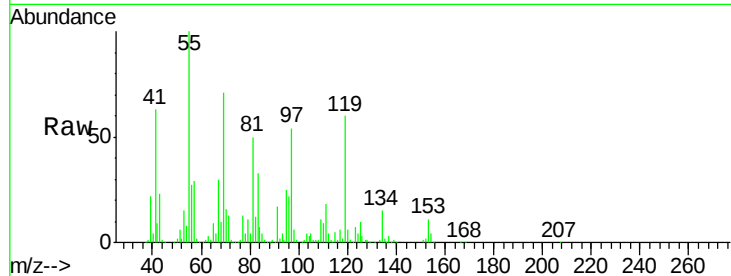
Tgt Ion: 117 Resp: 38281

Ion Ratio Lower Upper

117 100

119 1079.2 77.7 116.5#

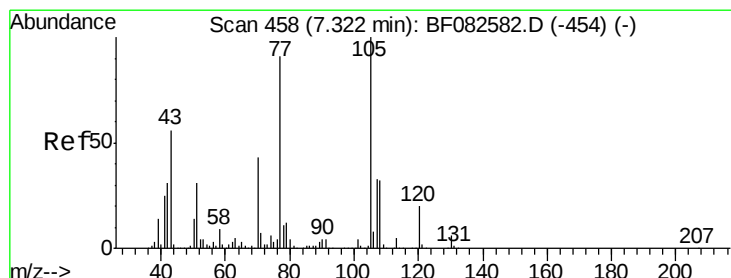
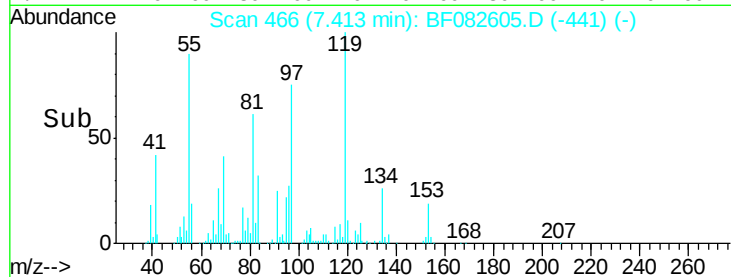
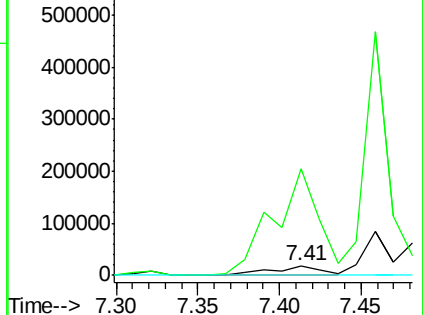
201 0.0 66.7 100.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 3.87 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Tgt Ion: 70 Resp: 55118

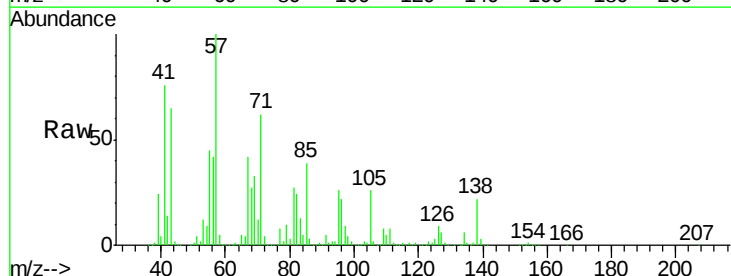
Ion Ratio Lower Upper

70 100

42 115.4 57.7 86.5#

101 0.4 7.0 10.6#

130 0.0 11.8 17.6#

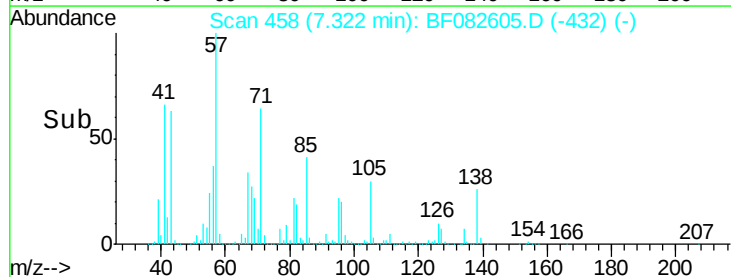
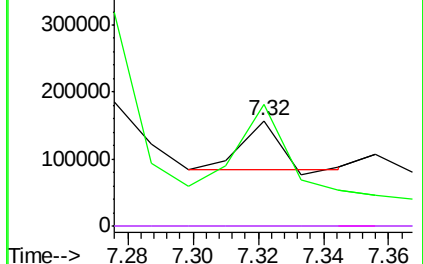


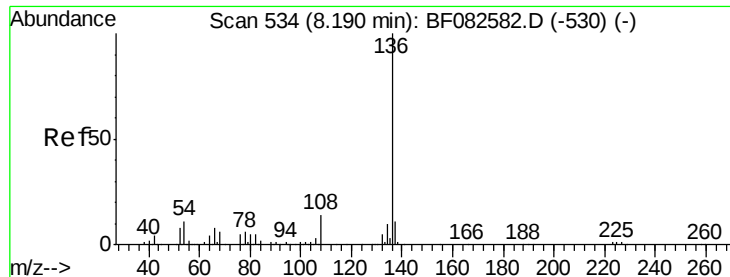
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

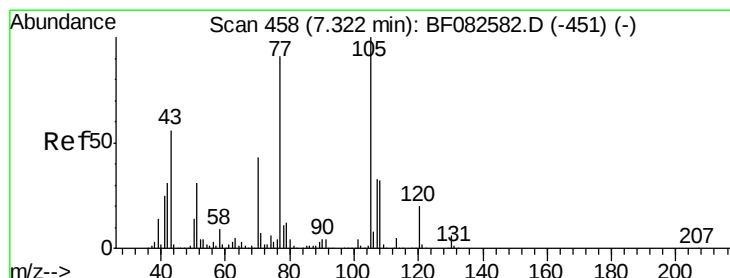
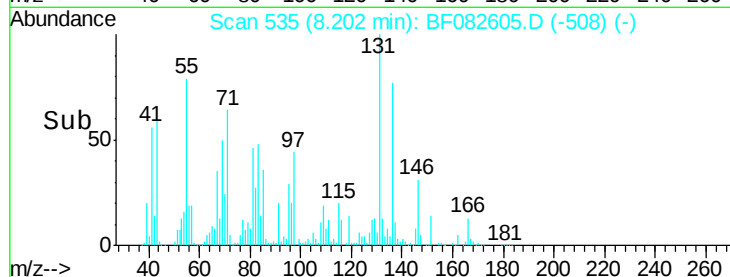
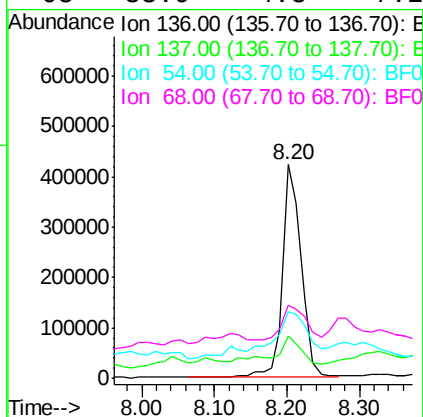
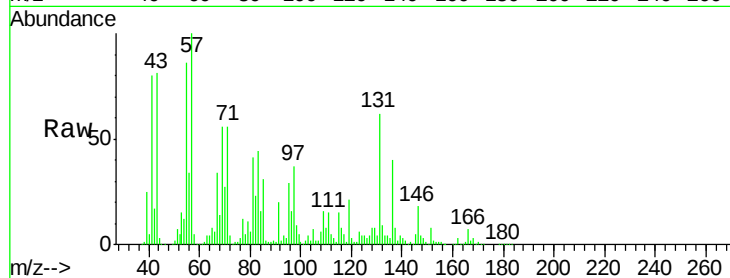




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

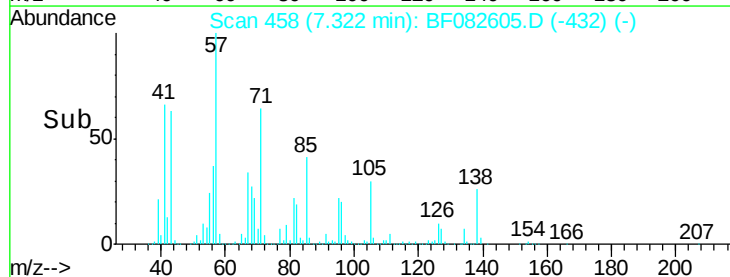
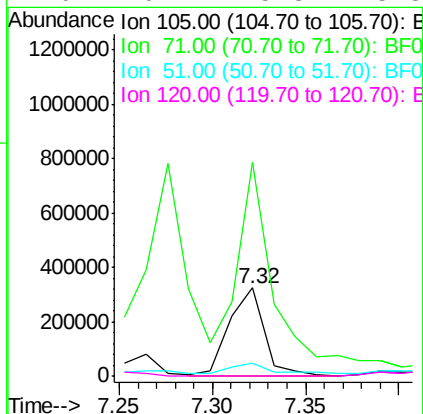
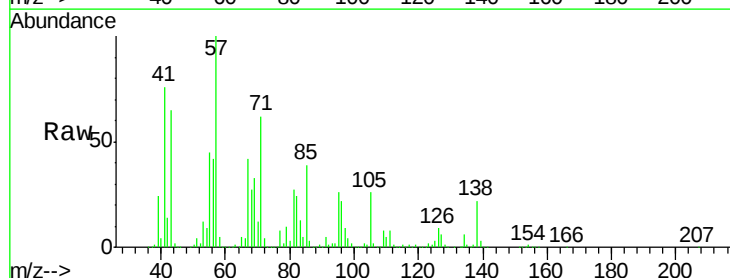
Instrument :
BNA_F
ClientSampled :
SC-6

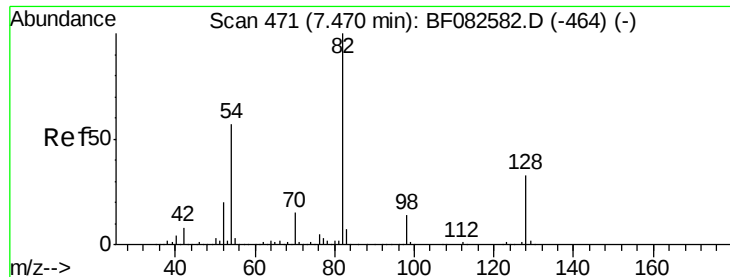
Tgt Ion:	136	Resp:	754373
Ion Ratio	Lower	Upper	
136	100		
137	19.5	9.1	13.7#
54	31.1	9.1	13.7#
68	33.9	4.8	7.2#



#22
Acetophenone
Concen: 18.94 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion:	105	Resp:	420710
Ion Ratio	Lower	Upper	
105	100		
71	242.8	5.6	8.4#
51	15.0	24.9	37.3#
120	0.2	15.8	23.8#

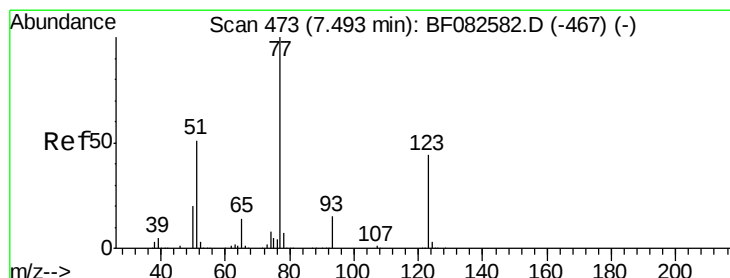
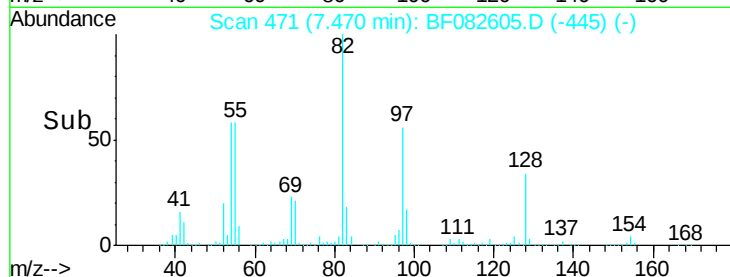
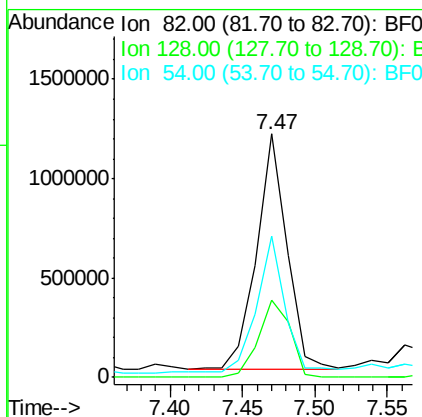
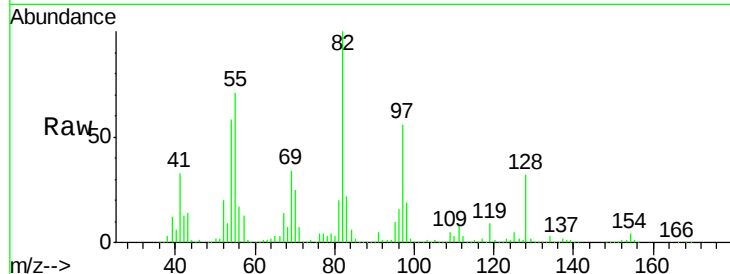




#23
 Nitrobenzene-d5
 Concen: 92.85 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

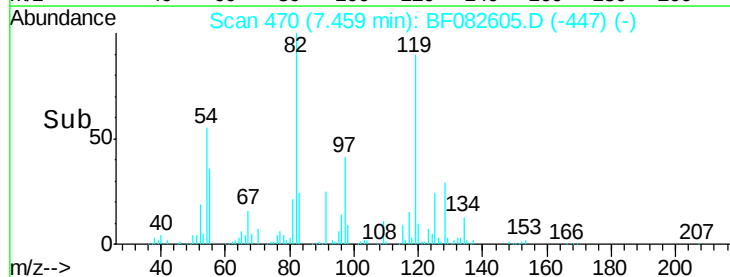
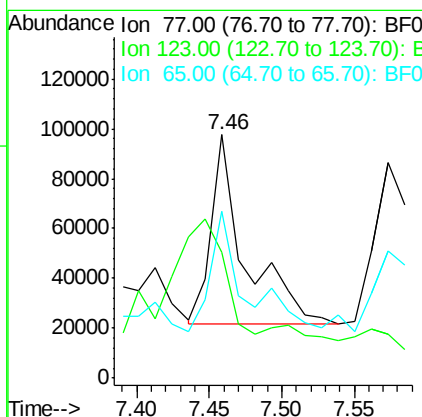
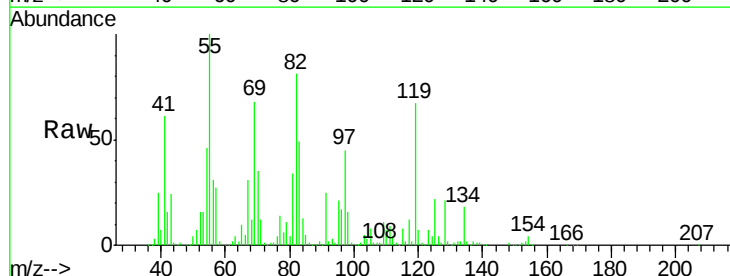
Instrument :
 BNA_F
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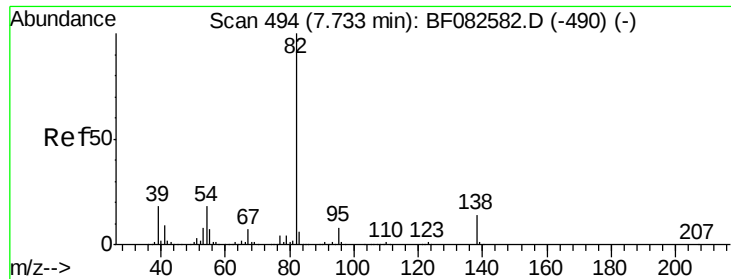
Tgt Ion: 82 Resp: 1715229
 Ion Ratio Lower Upper
 82 100
 128 31.9 26.8 40.2
 54 58.0 45.7 68.5



#24
 Nitrobenzene
 Concen: 6.63 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion: 77 Resp: 123862
 Ion Ratio Lower Upper
 77 100
 123 51.7 36.4 54.6
 65 68.4 11.5 17.3#

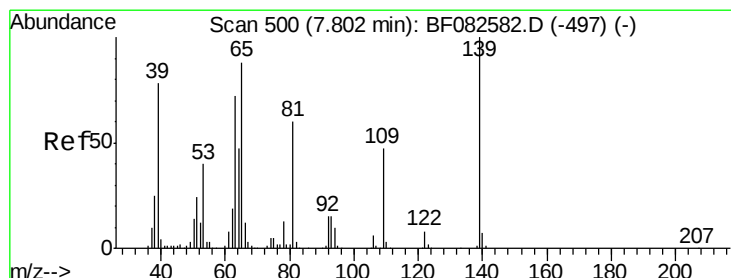
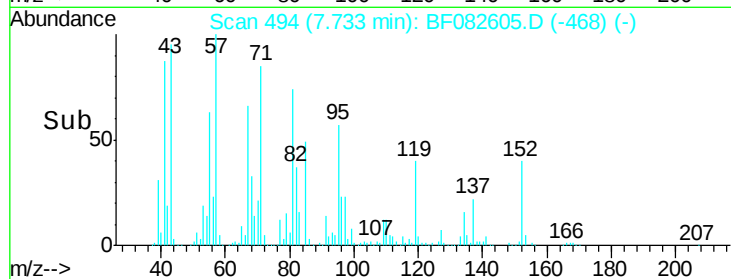
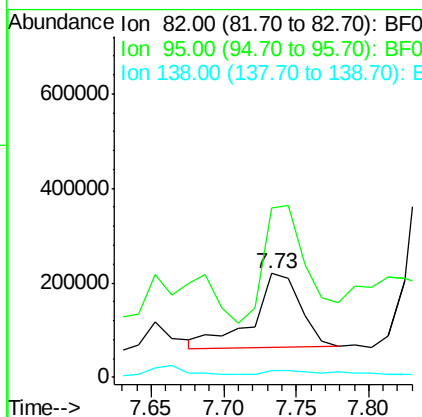
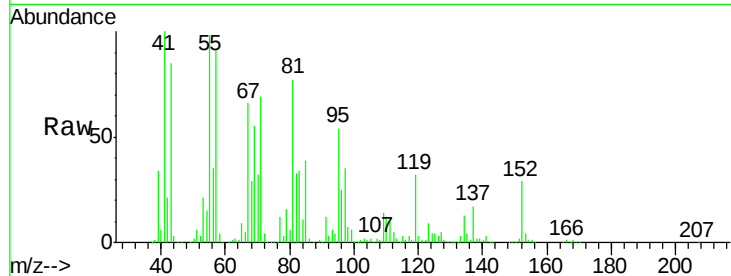




#25
Isophorone
Concen: 10.62 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

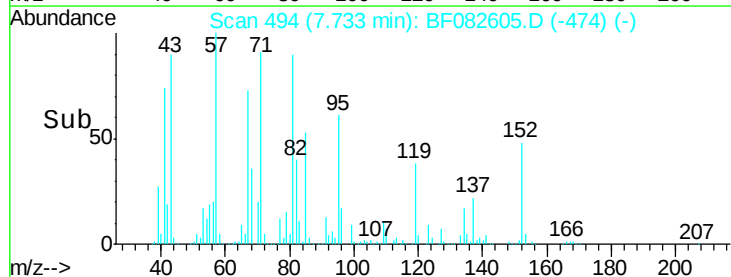
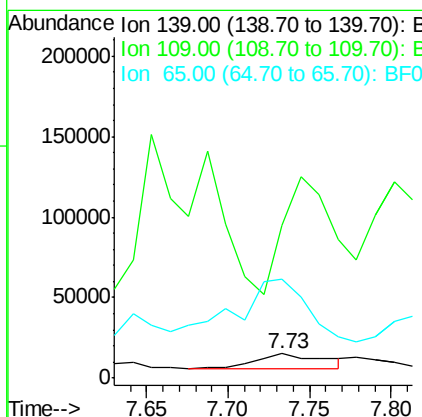
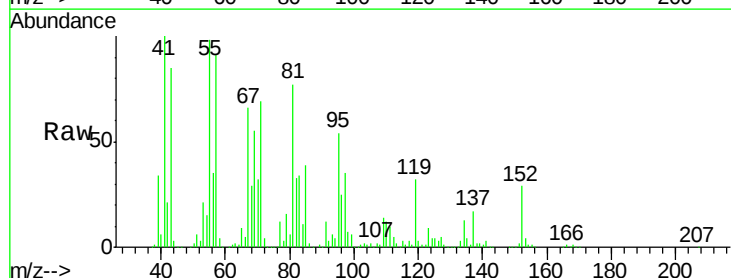
Instrument :
BNA_F
ClientSampleId :
SC-6

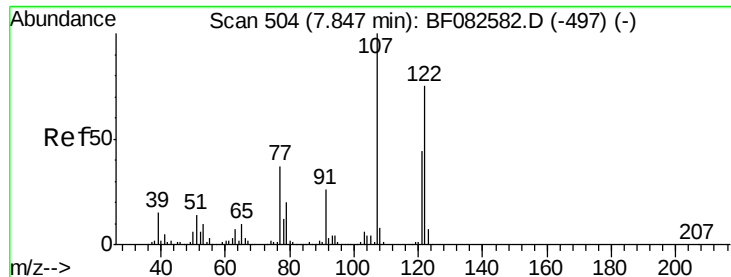
Tgt Ion: 82 Resp: 360763
Ion Ratio Lower Upper
82 100
95 162.4 6.6 9.8#
138 6.0 11.4 17.0#



#26
2-Nitrophenol
Concen: 3.69 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.07 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion: 139 Resp: 25193
Ion Ratio Lower Upper
139 100
109 621.5 37.6 56.4#
65 401.5 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 3.23 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.02 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

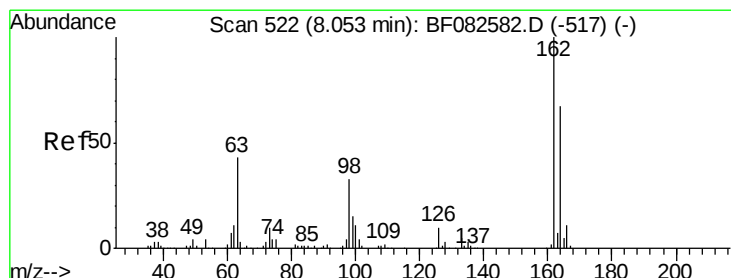
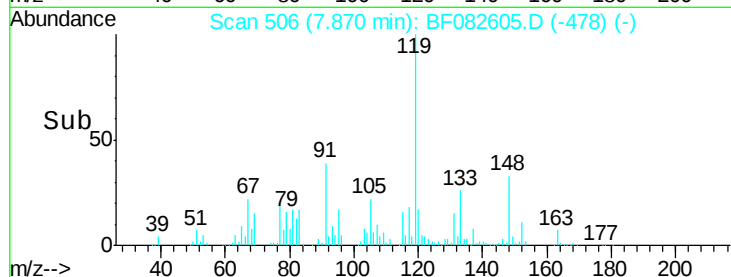
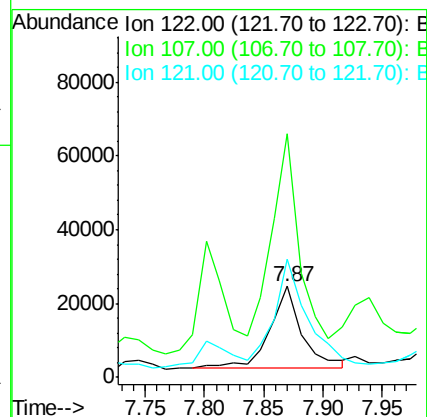
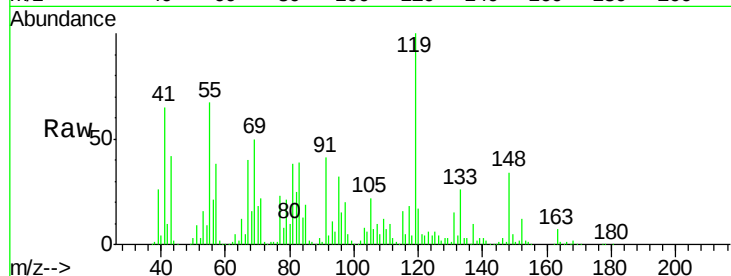
Tgt Ion:122 Resp: 42949

Ion Ratio Lower Upper

122 100

107 267.3 106.0 159.0#

121 130.1 46.7 70.1#



#29

2,4-Dichlorophenol

Concen: 5.01 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

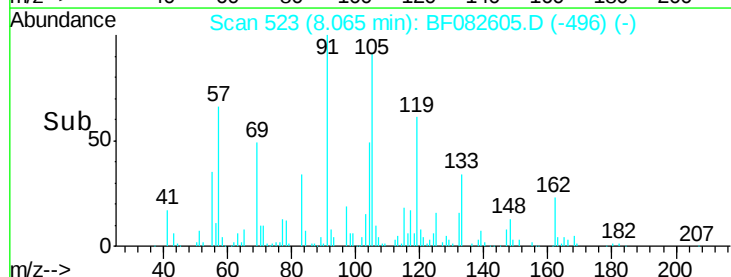
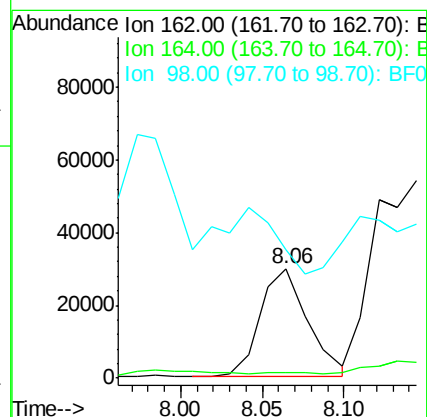
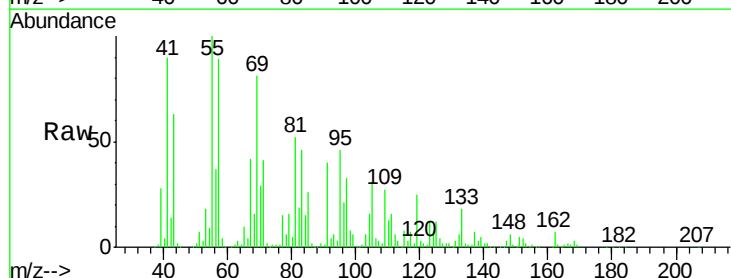
Tgt Ion:162 Resp: 60786

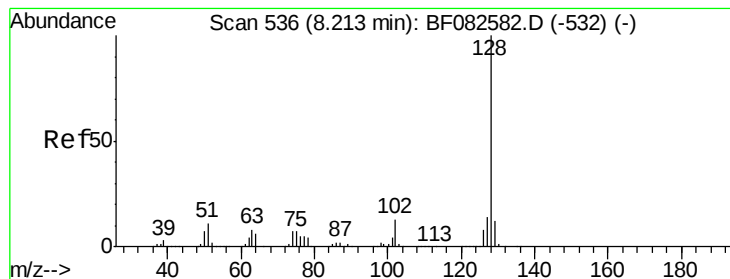
Ion Ratio Lower Upper

162 100

164 5.0 46.8 86.8#

98 117.6 12.5 52.5#





#31

Naphthalene

Concen: 5.23 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampled :

SC-6

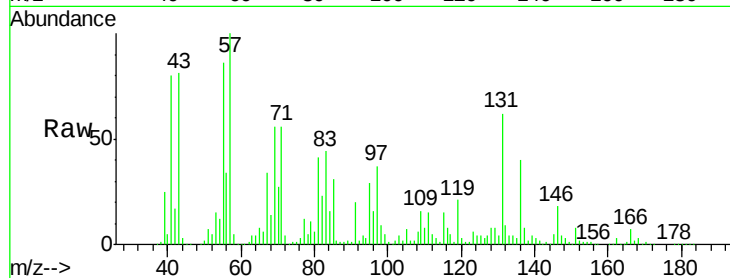
Tgt Ion:128 Resp: 213454

Ion Ratio Lower Upper

128 100

129 102.5 9.5 14.3#

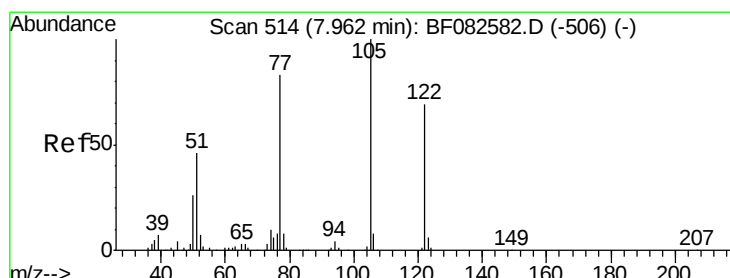
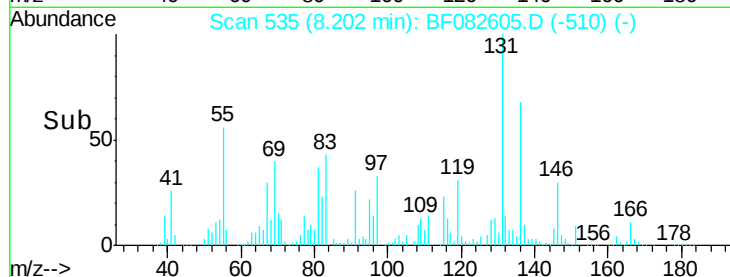
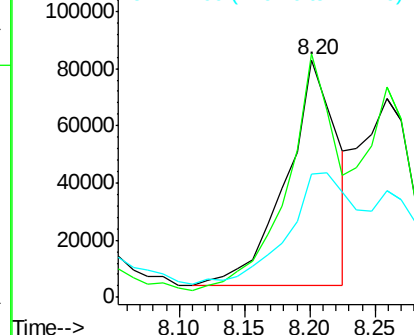
127 51.9 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.22 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.06 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

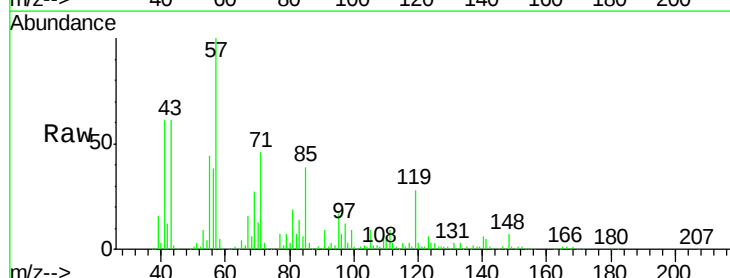
Tgt Ion:122 Resp: 31129

Ion Ratio Lower Upper

122 100

105 927.4 122.6 162.6#

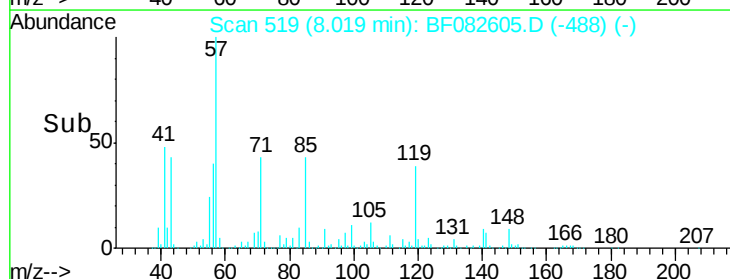
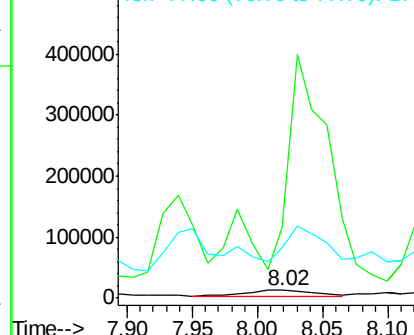
77 667.2 100.9 140.9#

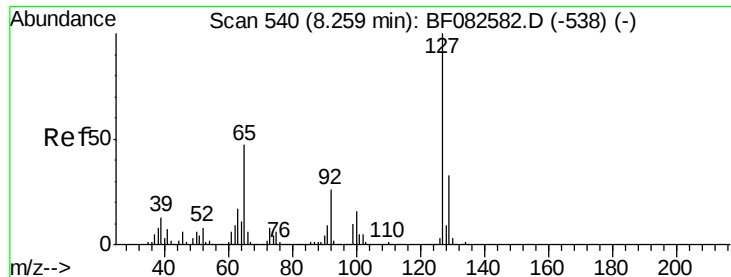


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

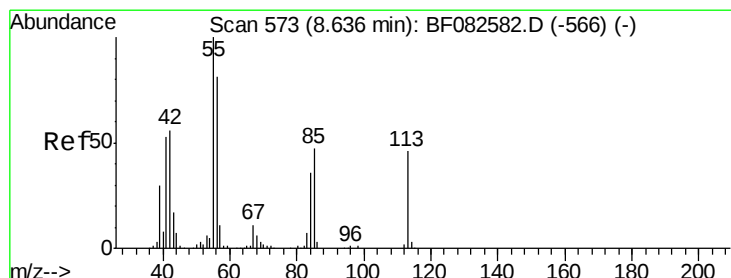
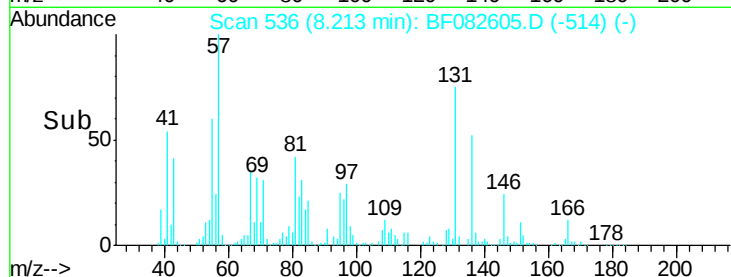
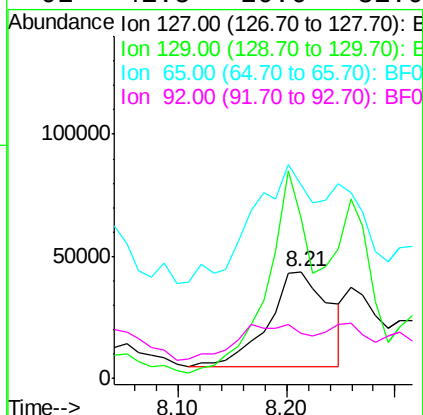
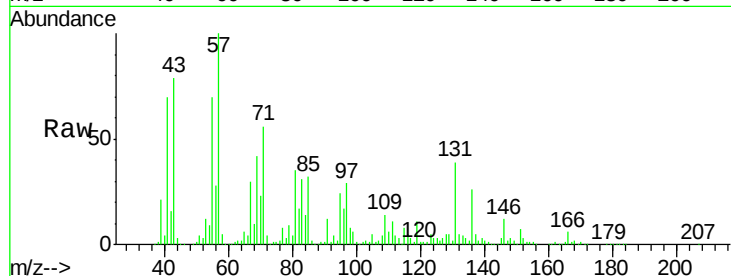




#33
4-Chloroaniline
Concen: 8.60 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

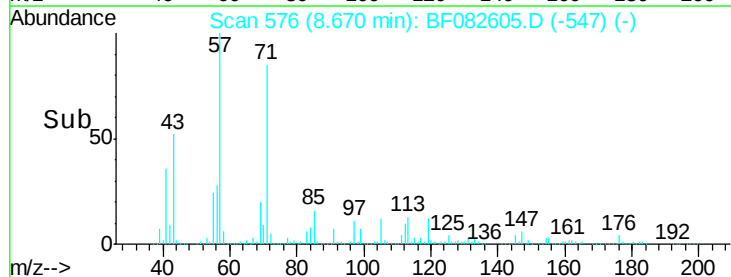
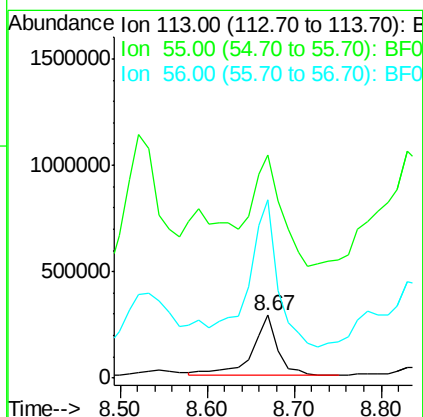
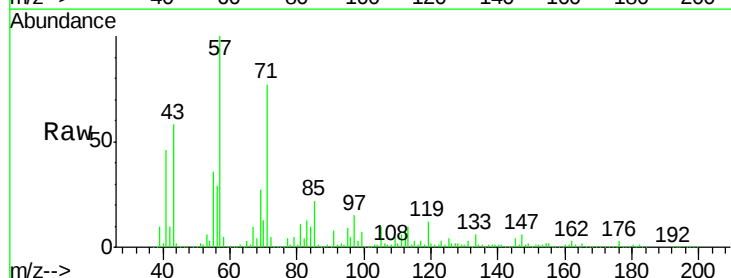
Instrument :
BNA_F
ClientSampleId :
SC-6

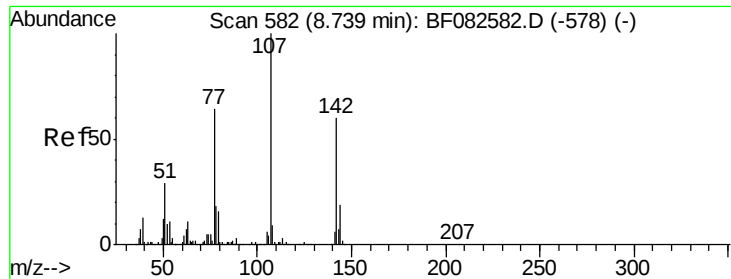
Tgt Ion:127 Resp: 149830
Ion Ratio Lower Upper
127 100
129 149.7 26.3 39.5#
65 181.1 37.8 56.8#
92 41.5 20.6 31.0#



#35
Caprolactam
Concen: 155.47 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.03 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion:113 Resp: 578945
Ion Ratio Lower Upper
113 100
55 353.4 195.5 235.5#
56 282.7 153.5 193.5#

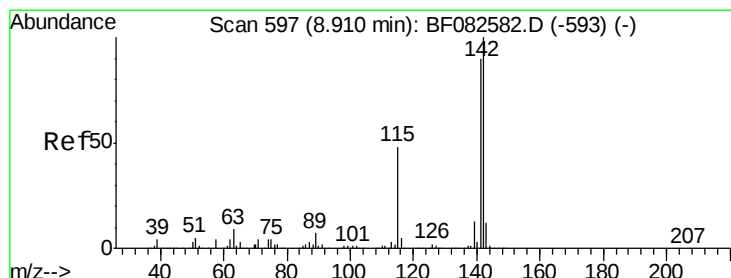
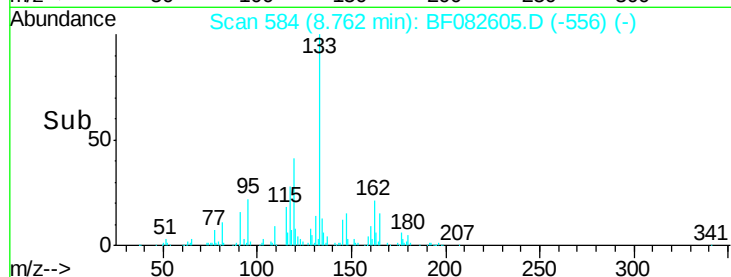
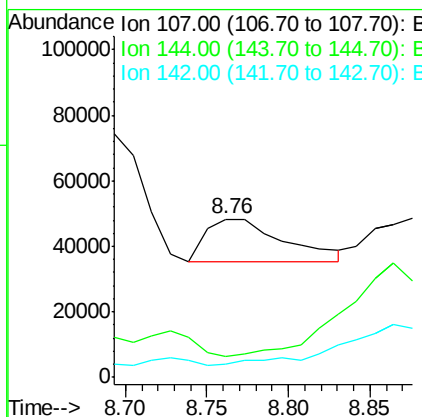
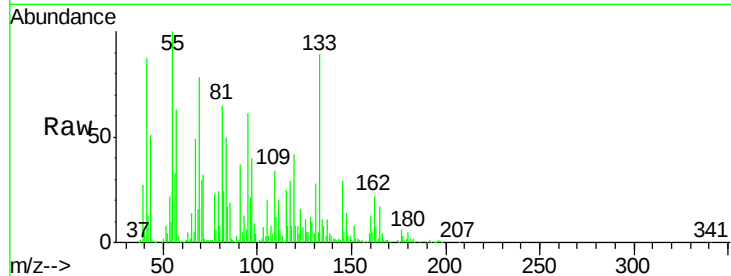




#36
 4-Chloro-3-methylphenol
 Concen: 3.04 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

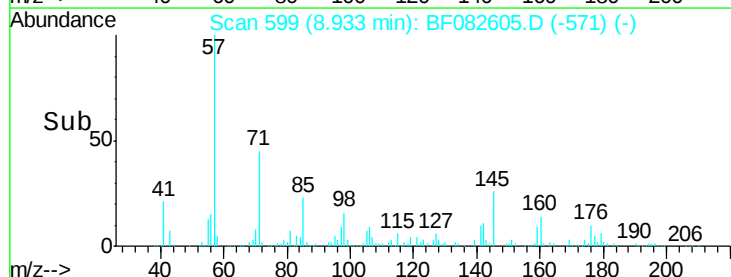
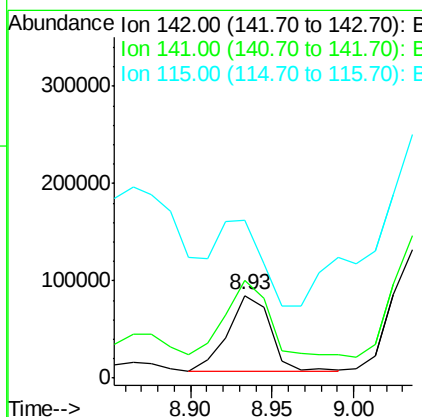
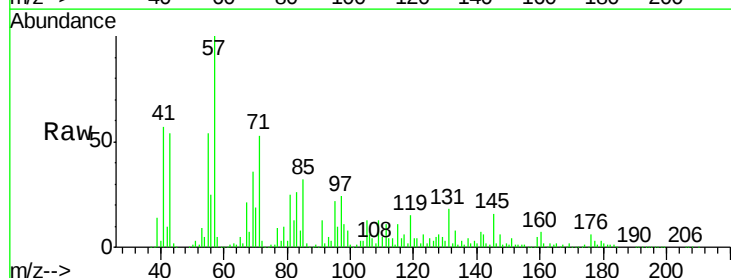
Instrument :
 BNA_F
 ClientSampleId :
 SC-6

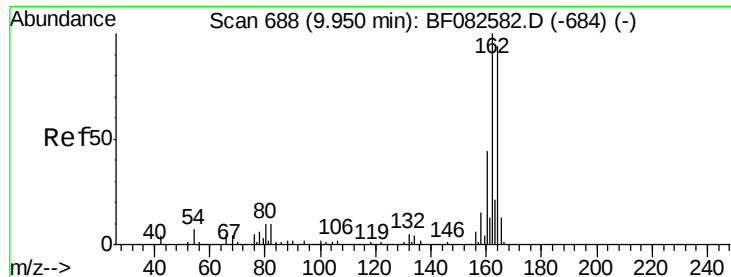
Tgt Ion:107 Resp: 43468
 Ion Ratio Lower Upper
 107 100
 144 13.0 15.4 23.0#
 142 8.2 47.8 71.8#



#37
 2-Methylnaphthalene
 Concen: 5.21 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.02 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion:142 Resp: 137869
 Ion Ratio Lower Upper
 142 100
 141 117.7 72.3 108.5#
 115 190.3 38.1 57.1#

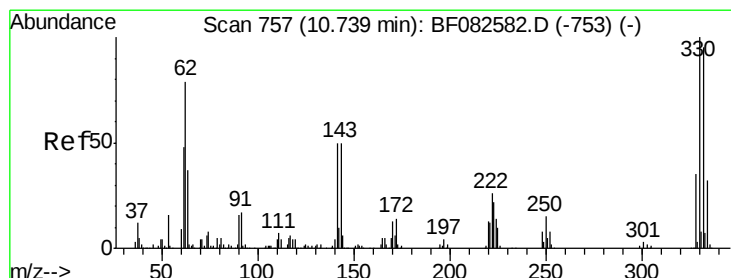
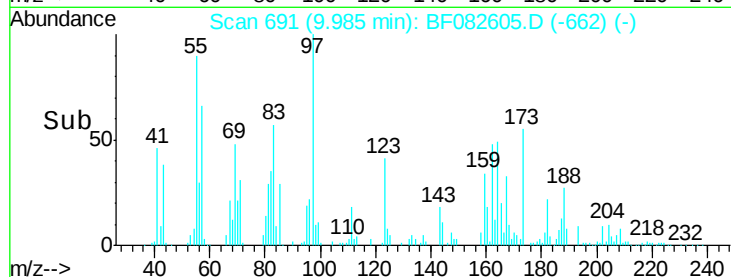
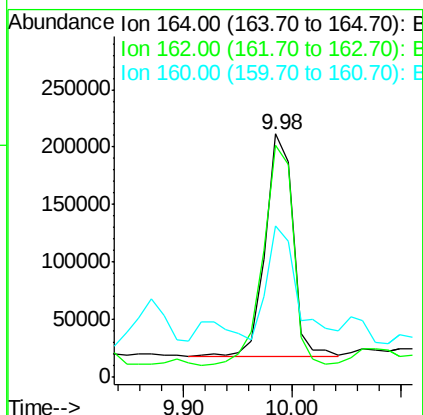
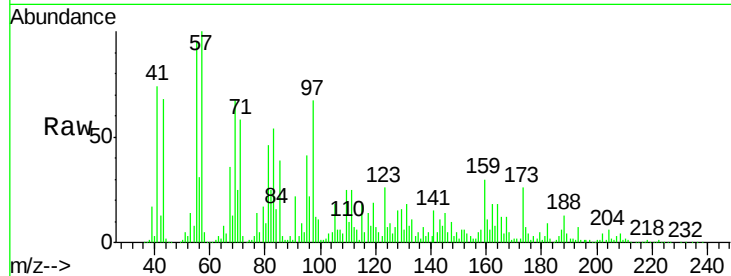




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.03 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

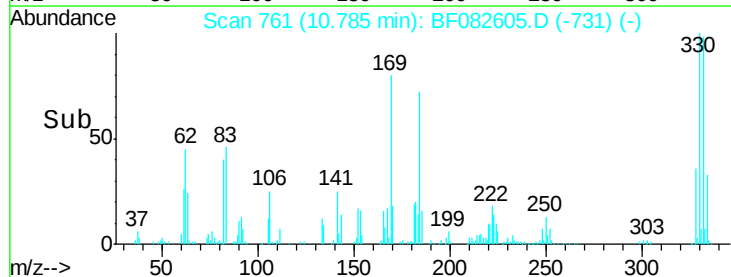
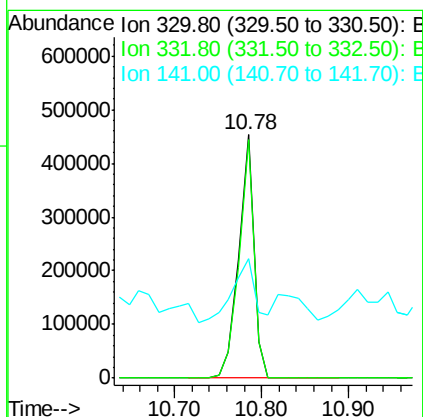
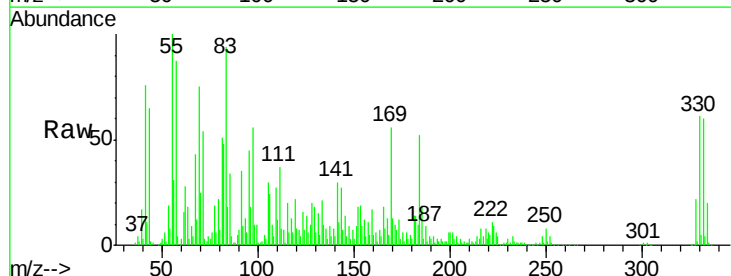
Instrument :
BNA_F
ClientSampleId :
SC-6

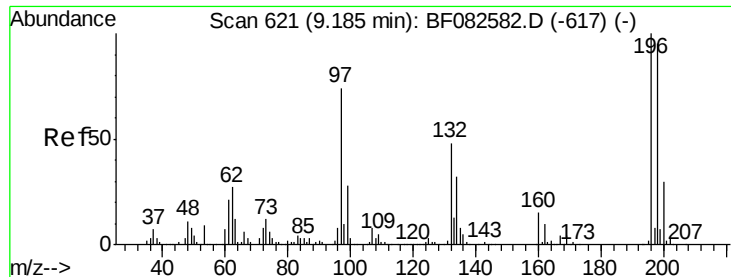
Tgt Ion:164 Resp: 343994
Ion Ratio Lower Upper
164 100
162 95.4 84.9 127.3
160 62.1 37.5 56.3#



#41
2,4,6-Tribromophenol
Concen: 145.99 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.05 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion:330 Resp: 549592
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 37.3 41.2 61.8#

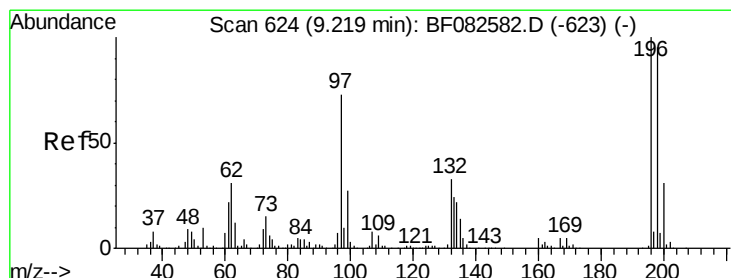
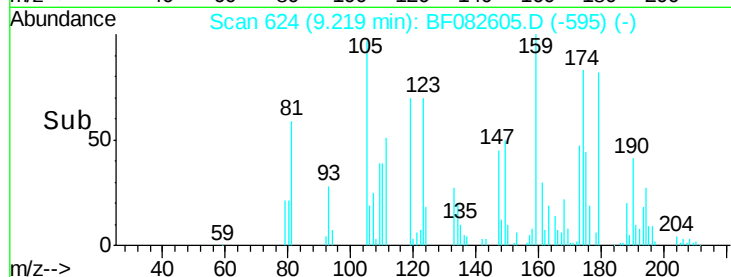
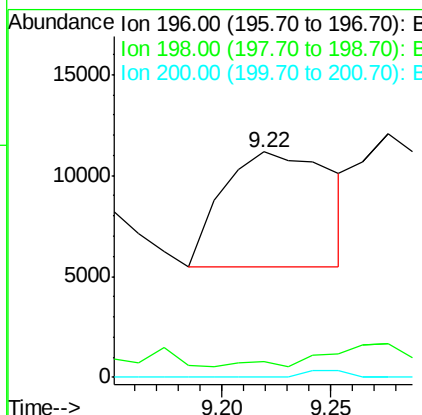
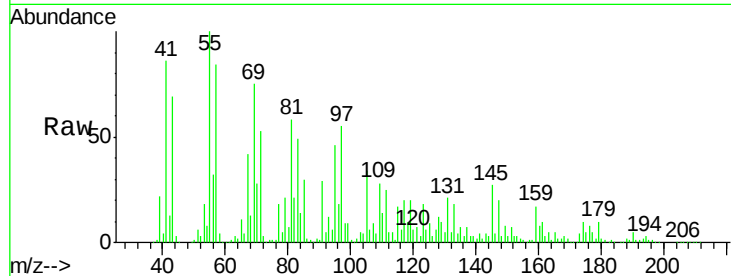




#42
 2,4,6-Trichlorophenol
 Concen: 2.38 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.03 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

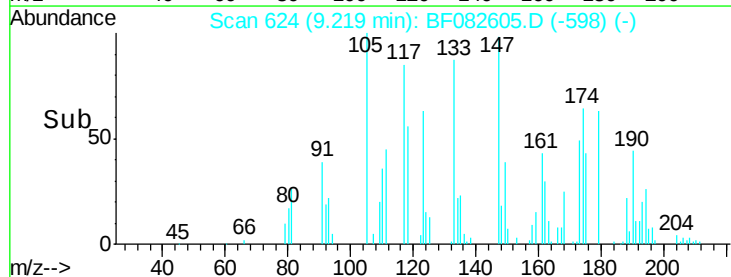
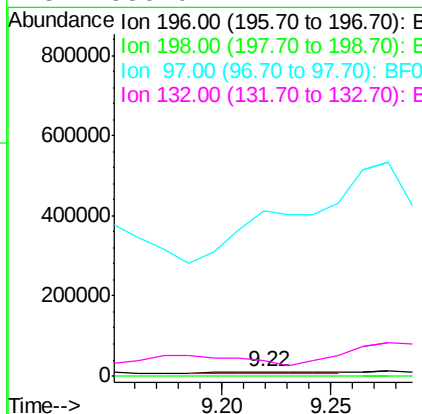
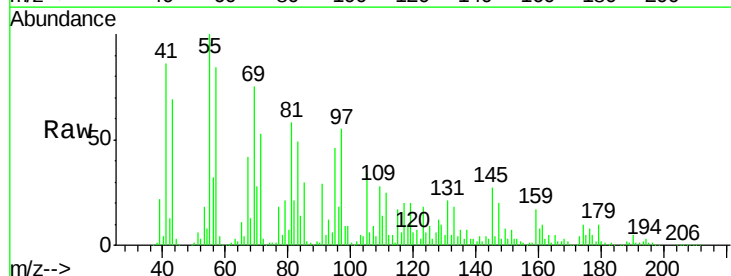
Instrument :
 BNA_F
 ClientSampleId :
 SC-6

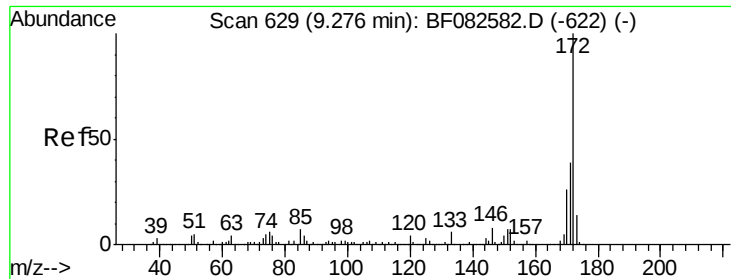
Tgt Ion:196 Resp: 19737
 Ion Ratio Lower Upper
 196 100
 198 6.8 76.3 114.5#
 200 0.0 23.9 35.9#



#43
 2,4,5-Trichlorophenol
 Concen: 2.39 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion:196 Resp: 19737
 Ion Ratio Lower Upper
 196 100
 198 6.8 75.8 113.8#
 97 3696.2 62.3 93.5#
 132 336.0 27.4 41.2#





#44

2-Fluorobiphenyl

Concen: 95.97 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.02 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

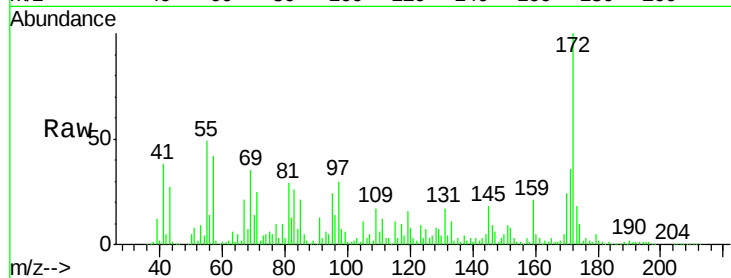
Tgt Ion:172 Resp: 2325210

Ion Ratio Lower Upper

172 100

171 35.8 30.8 46.2

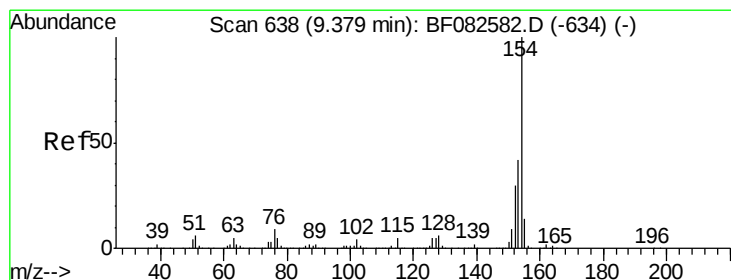
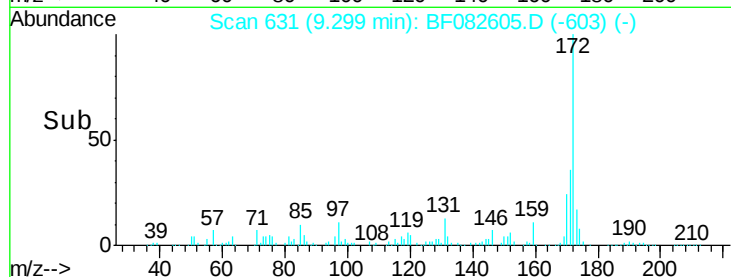
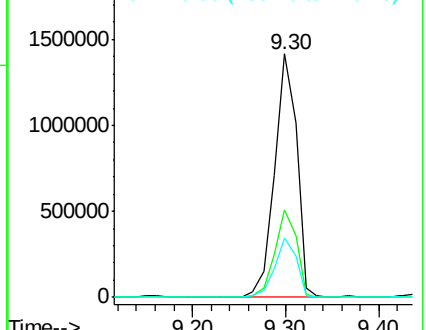
170 24.4 21.2 31.8



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: 4.42 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.21 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

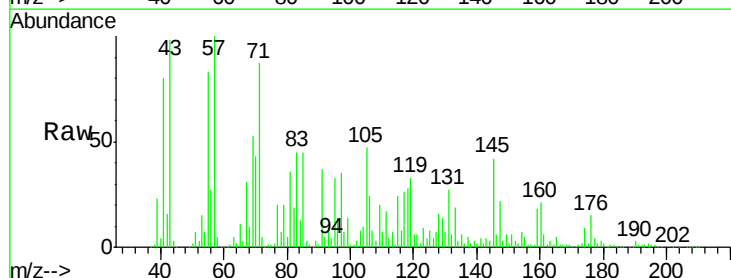
Tgt Ion:154 Resp: 128338

Ion Ratio Lower Upper

154 100

153 35.1 22.0 62.0

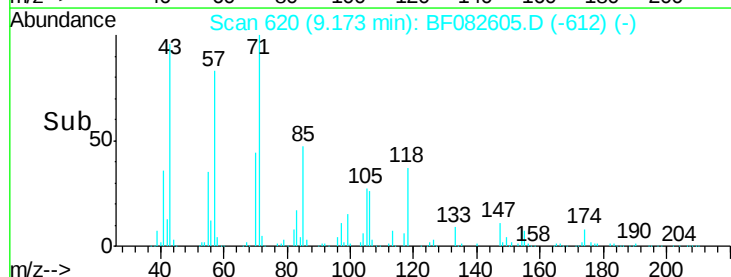
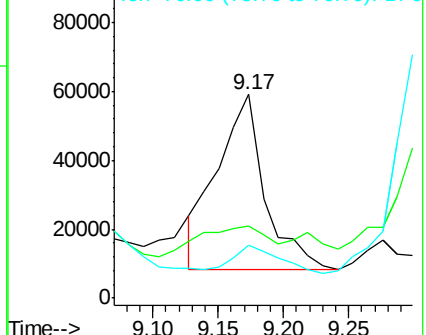
76 25.8 0.0 29.0

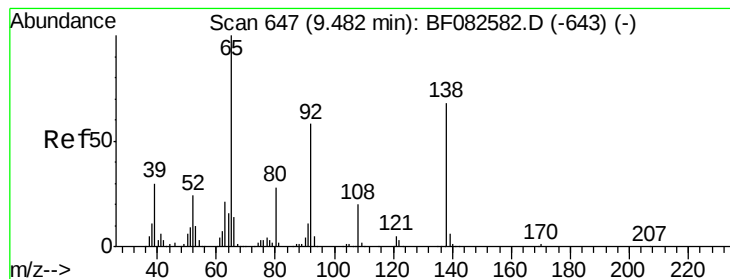


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 6.12 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.08 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

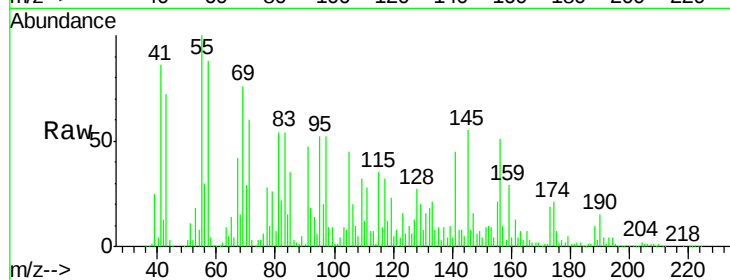
Tgt Ion: 65 Resp: 53935

Ion Ratio Lower Upper

65 100

92 125.6 46.6 70.0#

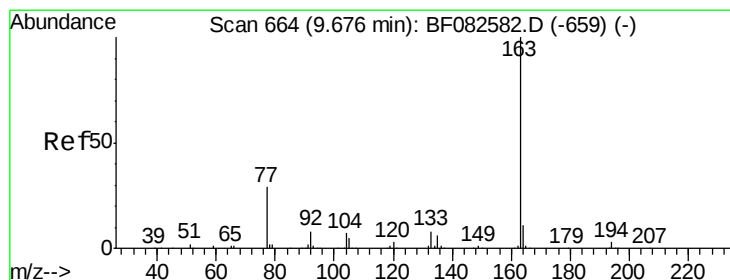
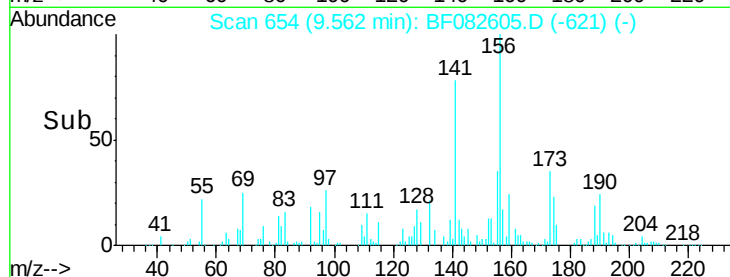
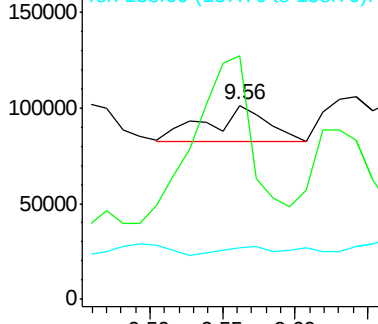
138 26.7 54.6 81.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 17.00 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

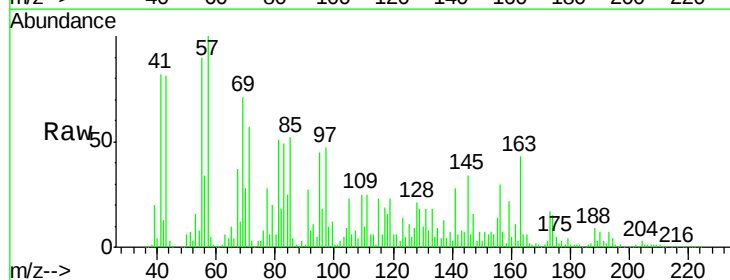
Tgt Ion:163 Resp: 477701

Ion Ratio Lower Upper

163 100

194 10.2 2.6 4.0#

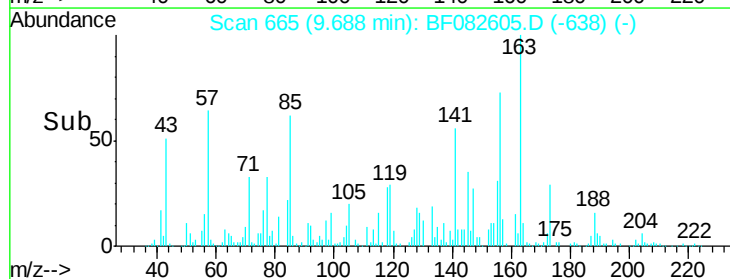
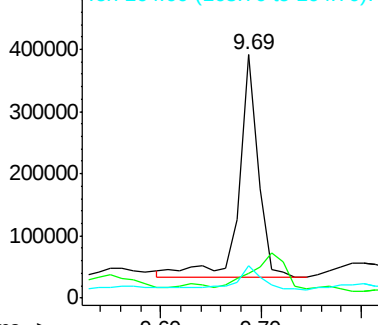
164 13.5 8.7 13.1#

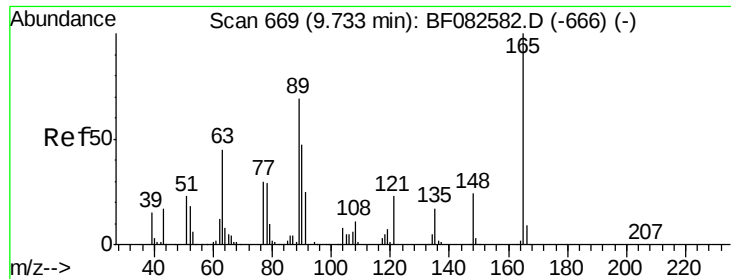


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

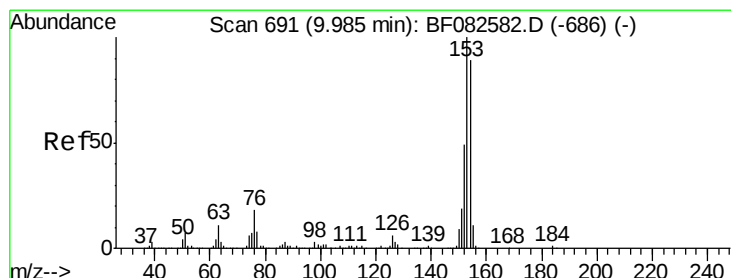
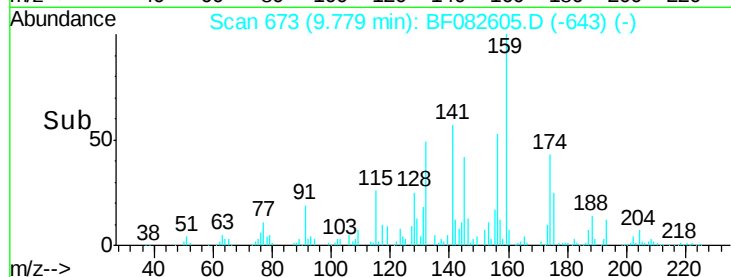
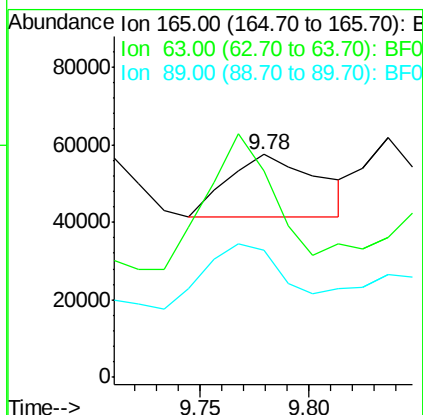
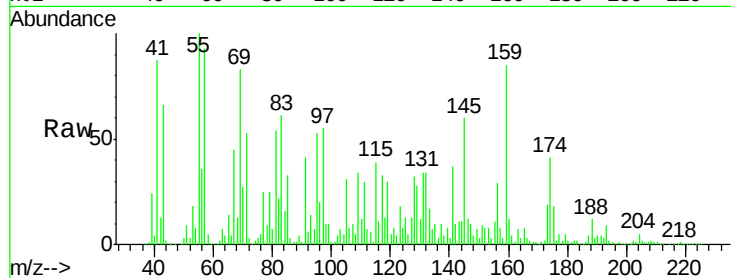




#50
 2,6-Dinitrotoluene
 Concen: 8.02 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.05 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

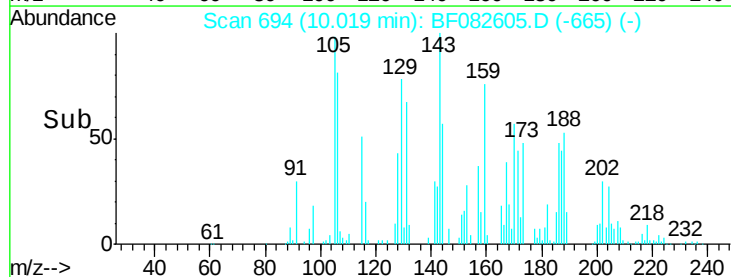
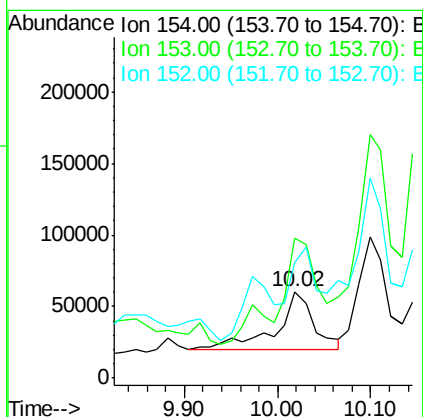
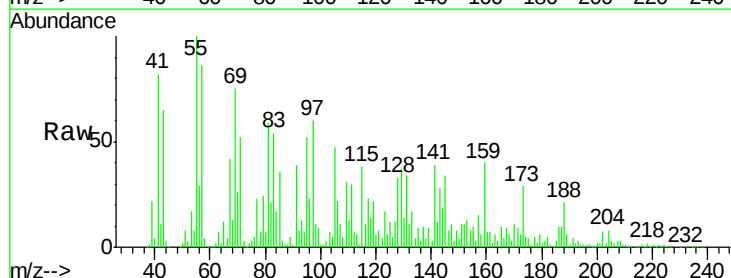
Instrument :
 BNA_F
 ClientSampleId :
 SC-6

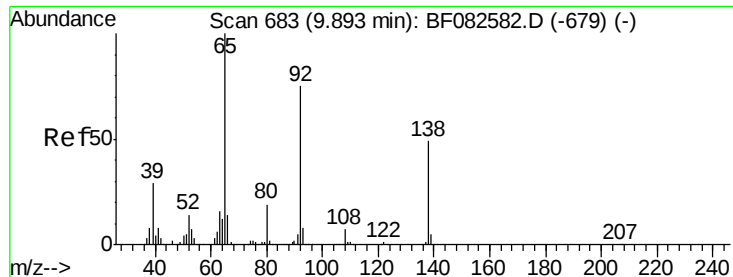
Tgt Ion:165 Resp: 46675
 Ion Ratio Lower Upper
 165 100
 63 92.7 55.5 83.3#
 89 57.0 55.0 82.6



#51
 Acenaphthene
 Concen: 5.12 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.03 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion:154 Resp: 117900
 Ion Ratio Lower Upper
 154 100
 153 161.1 90.1 135.1#
 152 133.8 44.3 66.5#

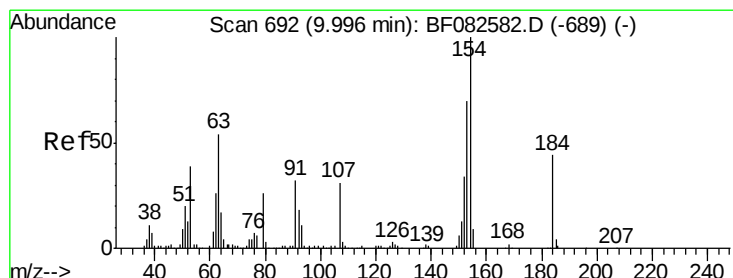
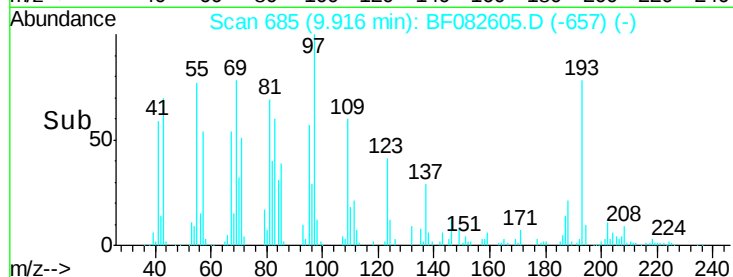
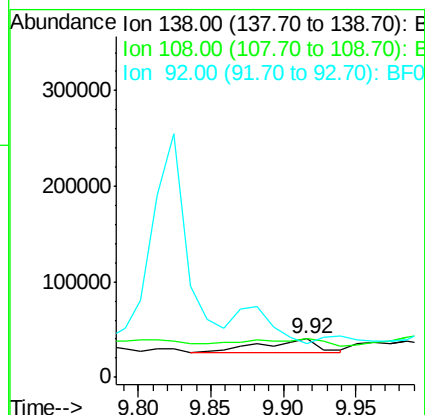
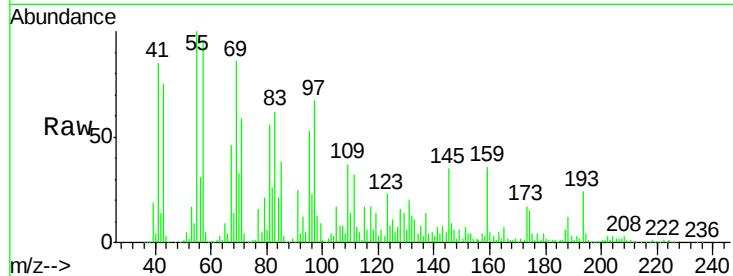




#52
3-Nitroaniline
Concen: 6.18 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.02 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

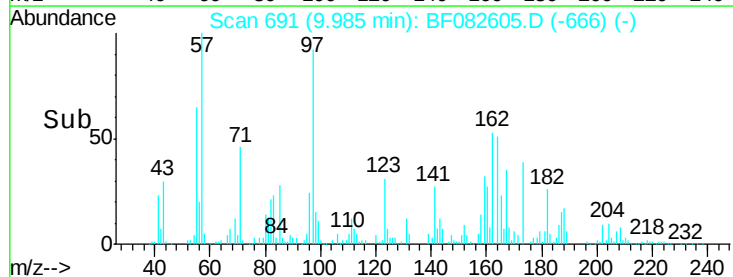
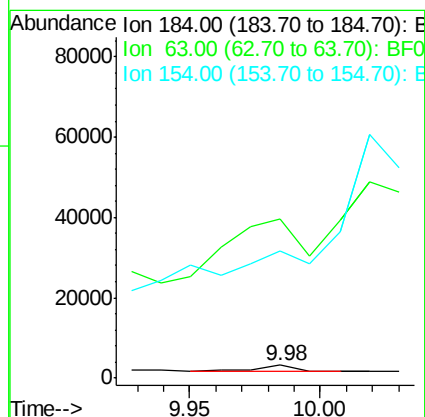
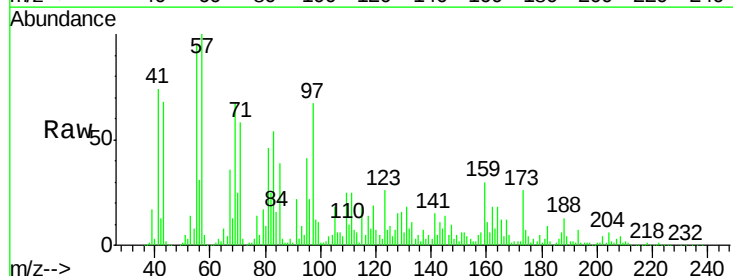
Instrument :
BNA_F
ClientSampleId :
SC-6

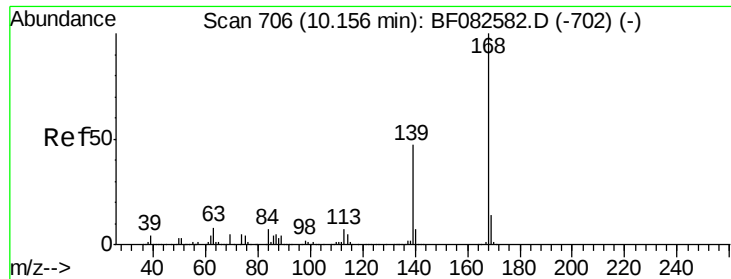
Tgt Ion:138 Resp: 40066
Ion Ratio Lower Upper
138 100
108 99.8 11.3 16.9#
92 88.0 122.4 183.6#



#53
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion:184 Resp: 1912
Ion Ratio Lower Upper
184 100
63 1240.4 98.6 148.0#
154 995.2 183.9 275.9#





#54

Dibenzofuran

Concen: 2.81 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.05 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

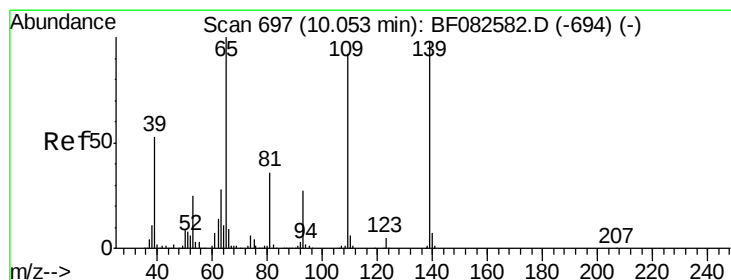
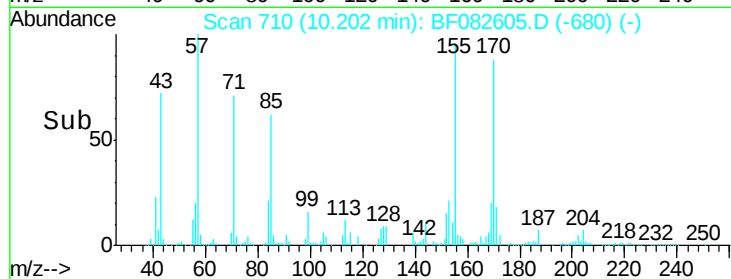
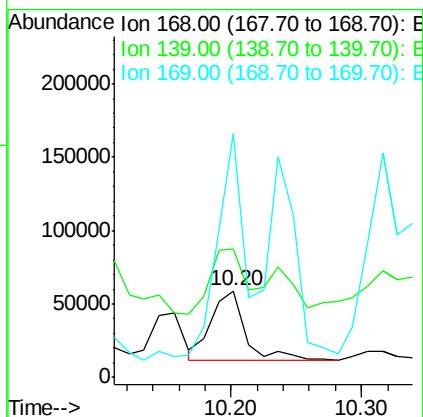
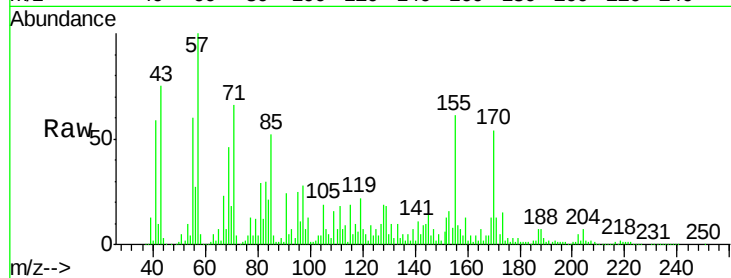
Tgt Ion:168 Resp: 87961

Ion Ratio Lower Upper

168 100

139 148.9 37.8 56.6#

169 282.2 11.3 16.9#



#55

4-Nitrophenol

Concen: 19.74 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.05 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

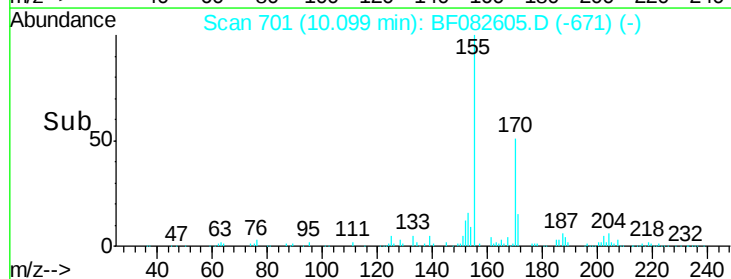
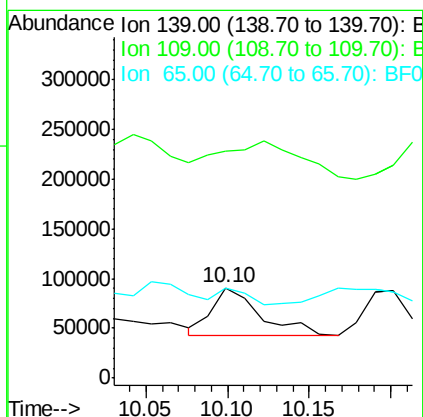
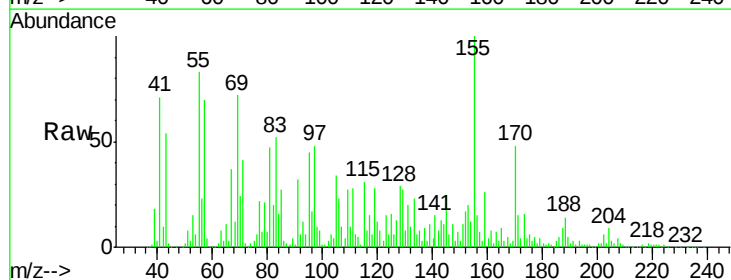
Tgt Ion:139 Resp: 96209

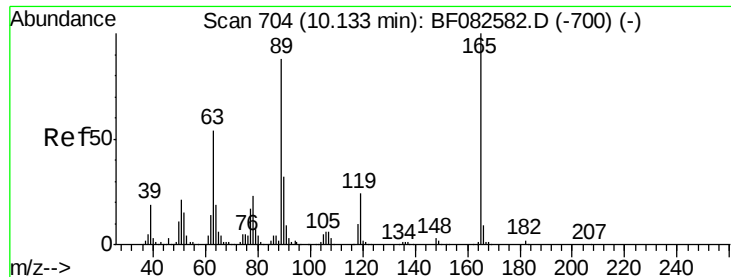
Ion Ratio Lower Upper

139 100

109 250.6 73.7 113.7#

65 99.4 82.9 122.9

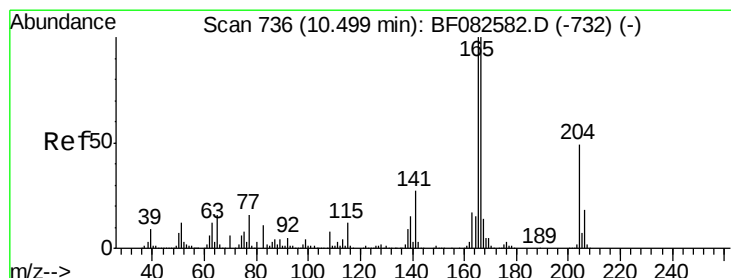
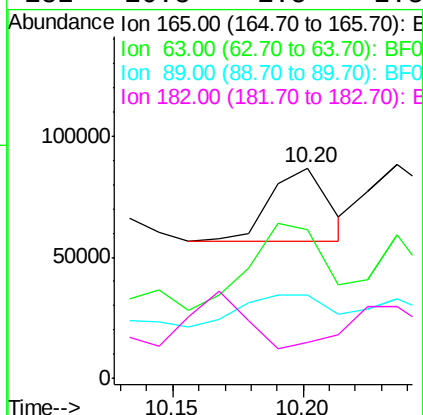
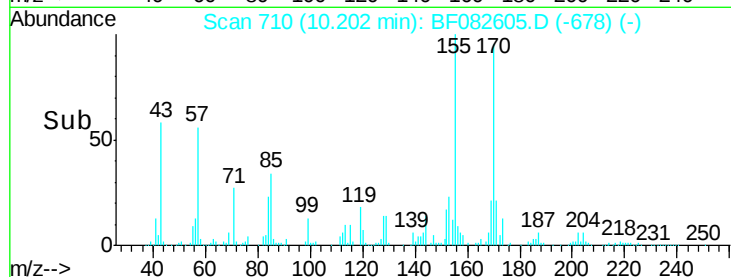
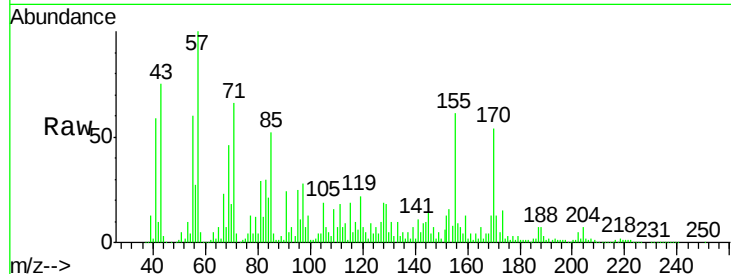




#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.07 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

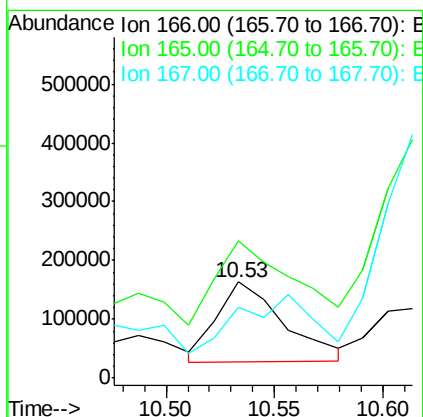
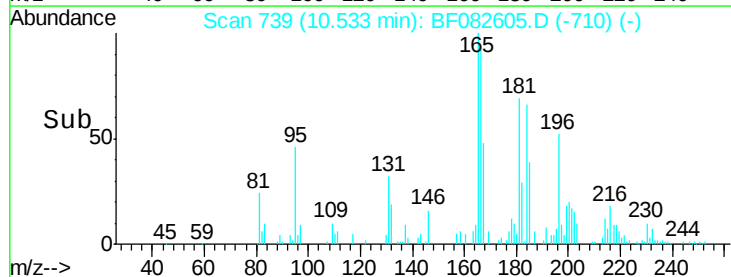
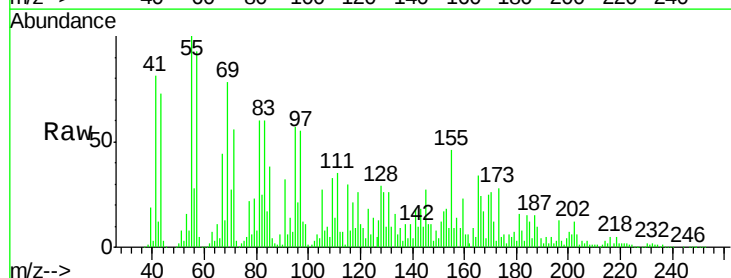
Instrument :
BNA_F
ClientSampleId :
SC-6

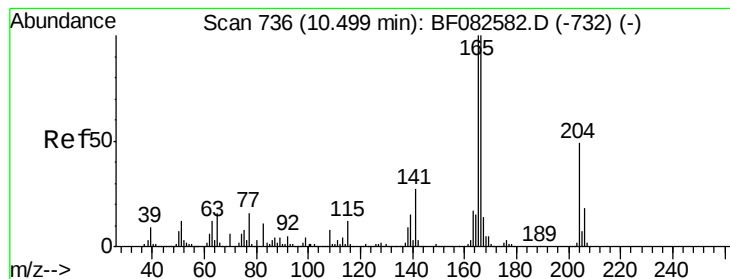
Tgt Ion:165 Resp: 46936
Ion Ratio Lower Upper
165 100
63 70.8 43.4 65.0#
89 39.5 70.6 106.0#
182 16.8 1.5 2.3#



#57
Fluorene
Concen: 11.51 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.03 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion:166 Resp: 290274
Ion Ratio Lower Upper
166 100
165 143.0 80.2 120.4#
167 73.2 11.2 16.8#





#60

4-Chlorophenyl-phenylether

Concen: 4.63 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

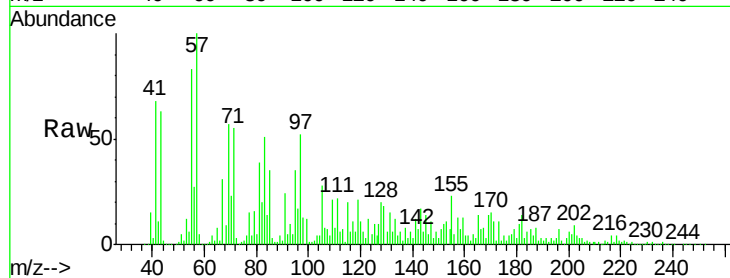
Tgt Ion:204 Resp: 56775

Ion Ratio Lower Upper

204 100

206 34.2 28.5 42.7

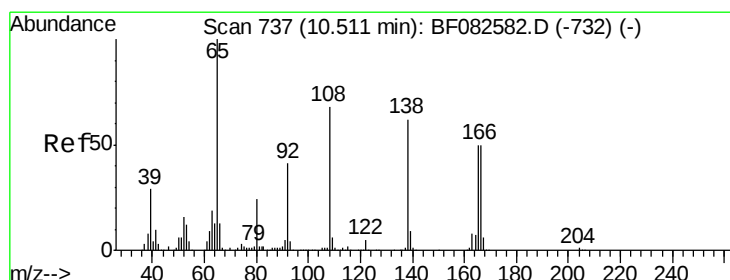
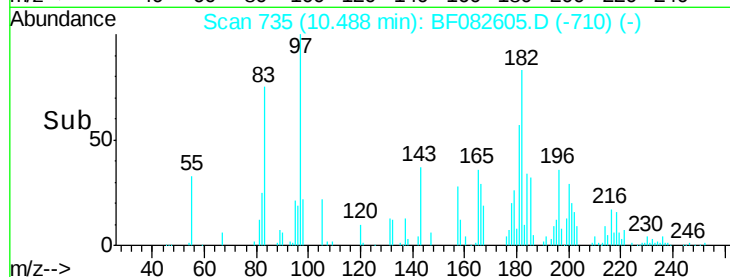
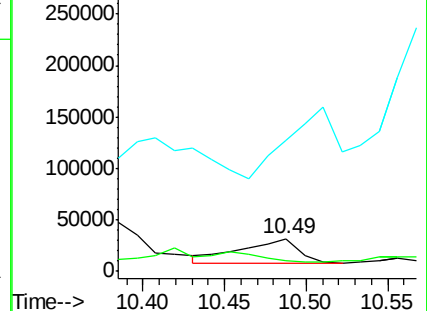
141 400.1 44.6 66.8#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 5.03 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

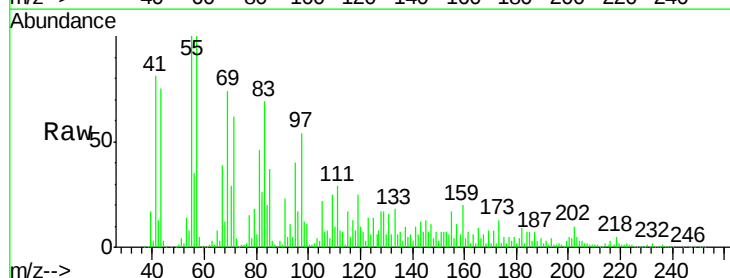
Tgt Ion:138 Resp: 31099

Ion Ratio Lower Upper

138 100

92 97.0 45.8 85.8#

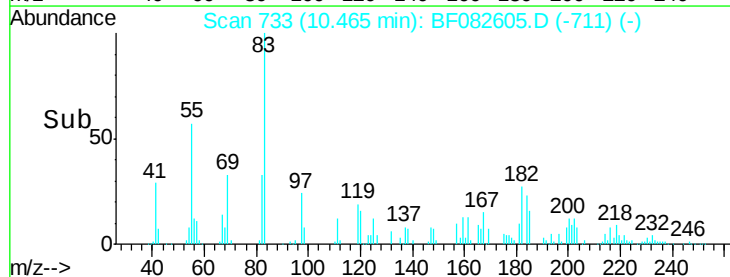
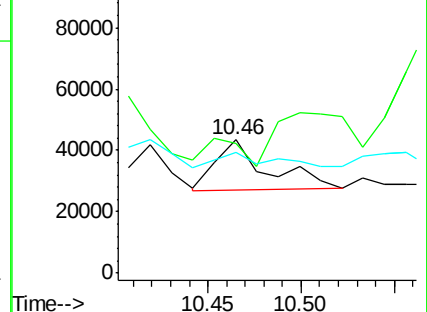
108 90.5 89.4 129.4

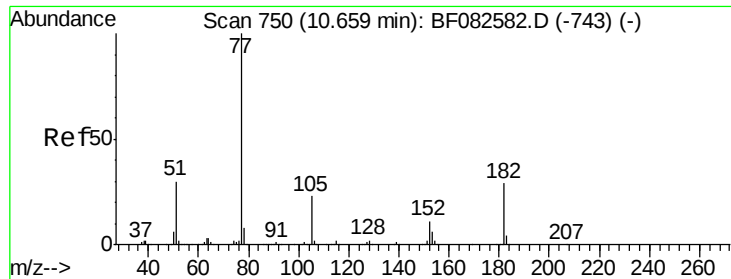


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 3.11 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.03 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

Tgt Ion: 77 Resp: 100296

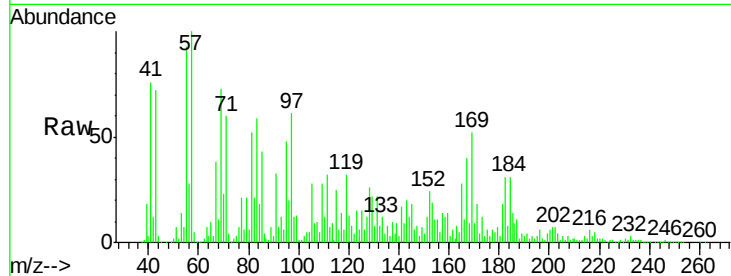
Ion Ratio Lower Upper

77 100

182 144.2 9.3 49.3#

105 131.5 2.6 42.6#

51 33.8 9.9 49.9

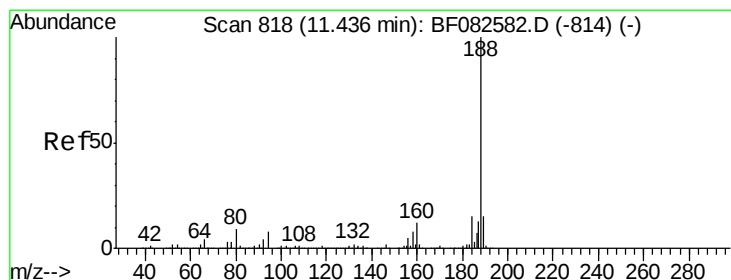
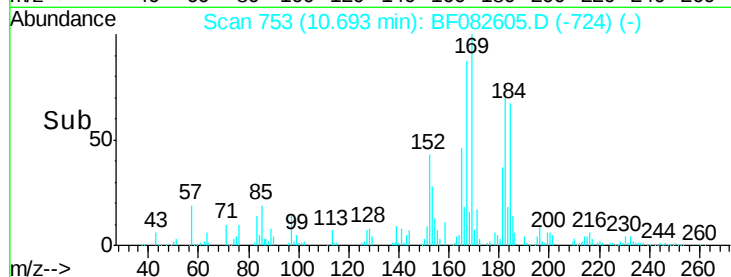
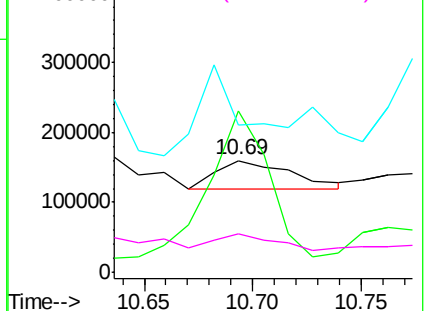


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.48 min Scan# 822

Delta R.T. 0.05 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

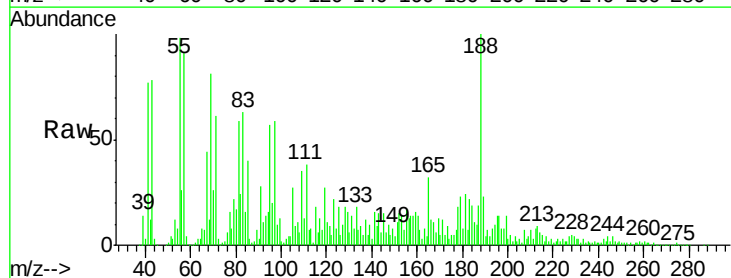
Tgt Ion: 188 Resp: 605570

Ion Ratio Lower Upper

188 100

94 16.3 6.1 9.1#

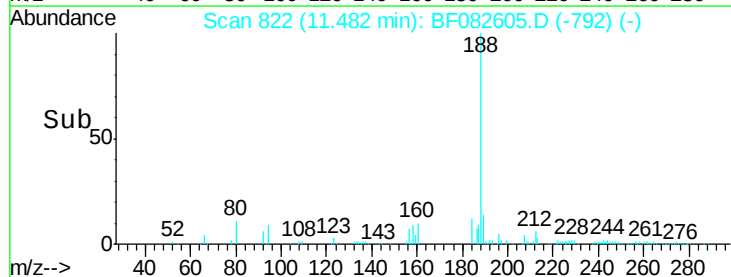
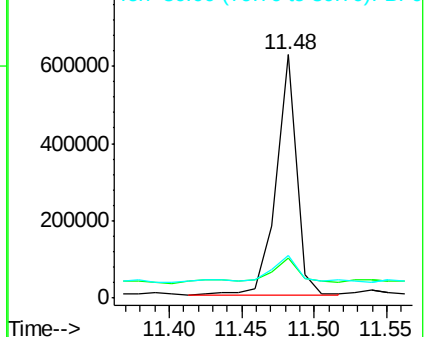
80 17.4 7.0 10.6#

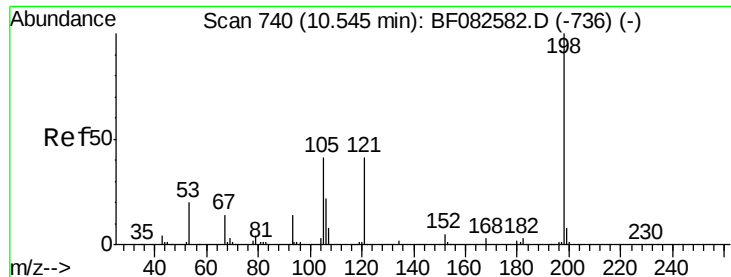


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.24 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampled :

SC-6

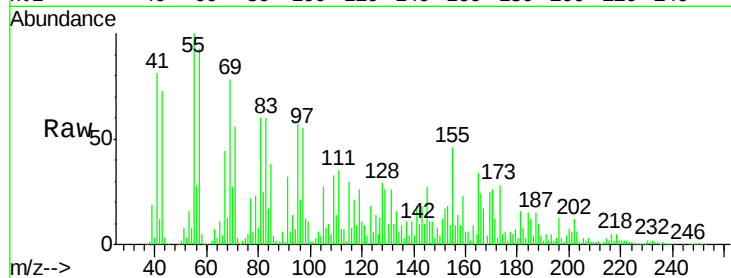
Tgt Ion:198 Resp: 15473

Ion Ratio Lower Upper

198 100

51 644.3 17.3 57.3#

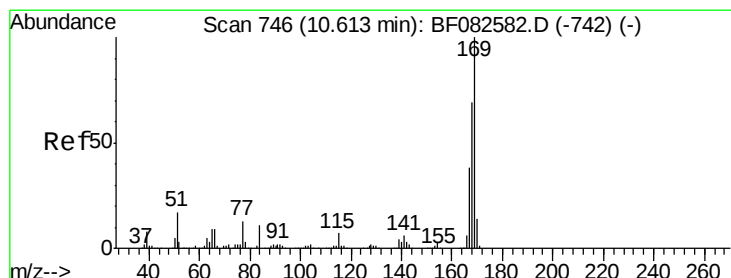
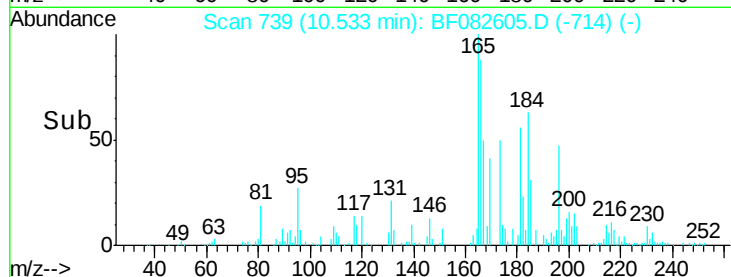
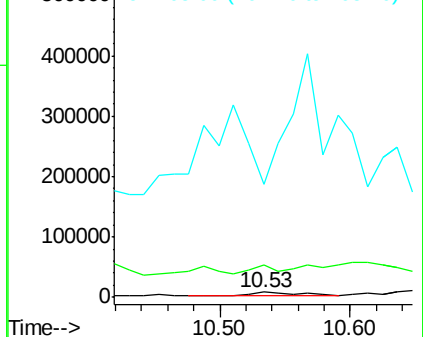
105 2229.8 21.7 61.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 49.92 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.05 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

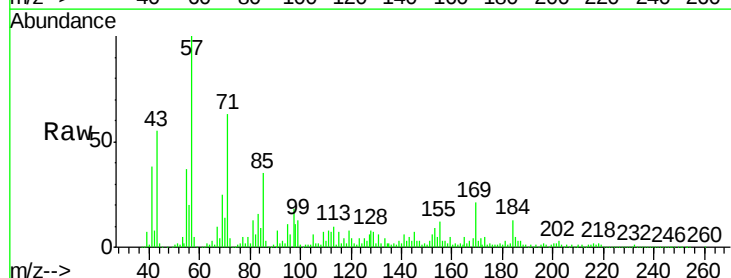
Tgt Ion:169 Resp: 1039239

Ion Ratio Lower Upper

169 100

168 18.9 55.0 82.6#

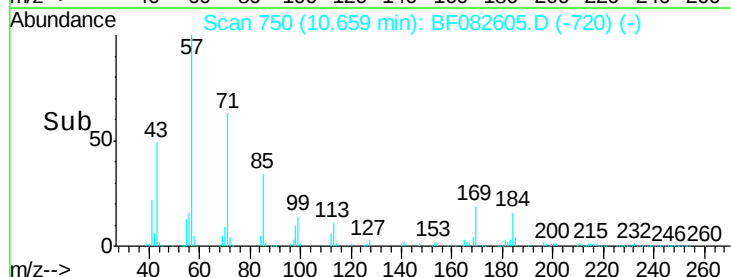
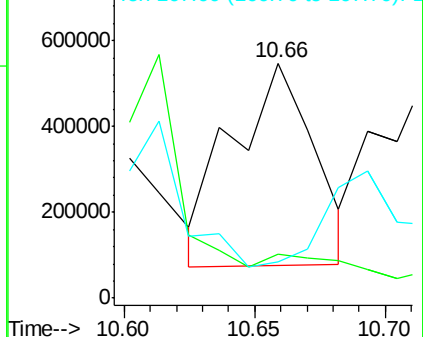
167 15.5 30.5 45.7#

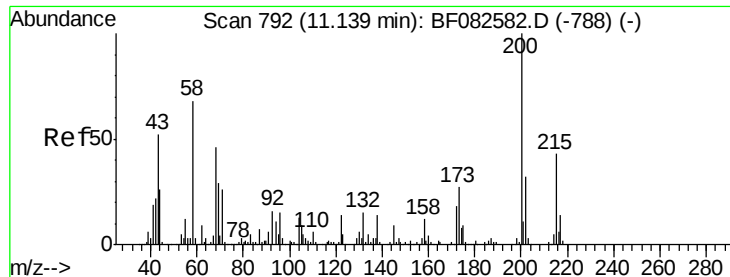


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

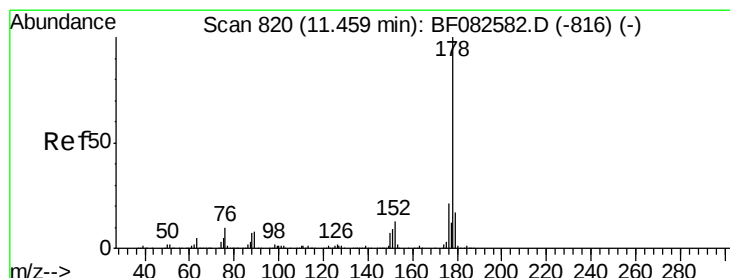
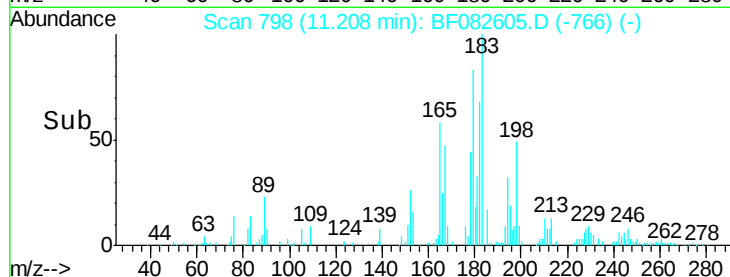
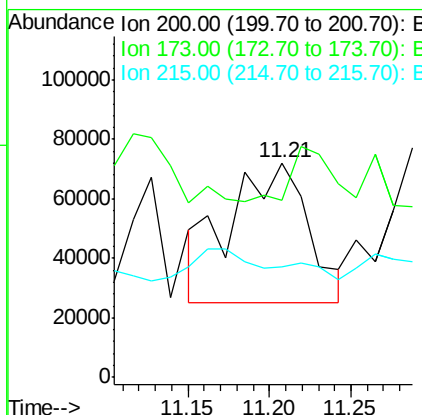
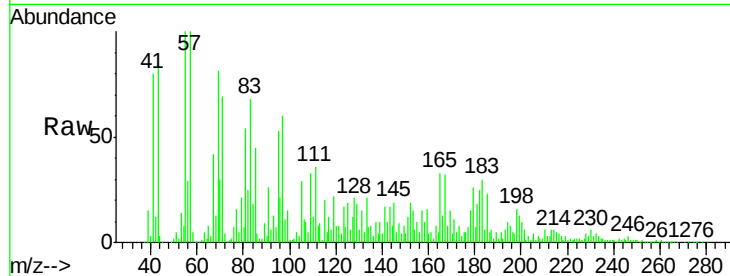




#68
 Atrazine
 Concen: 23.12 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.07 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

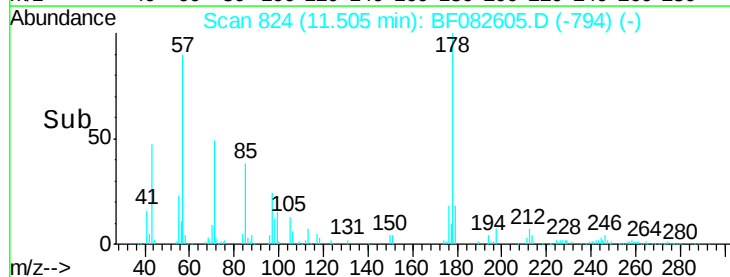
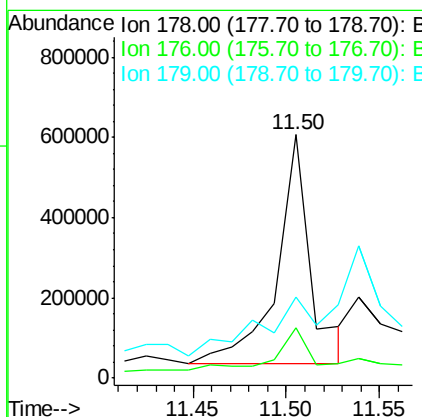
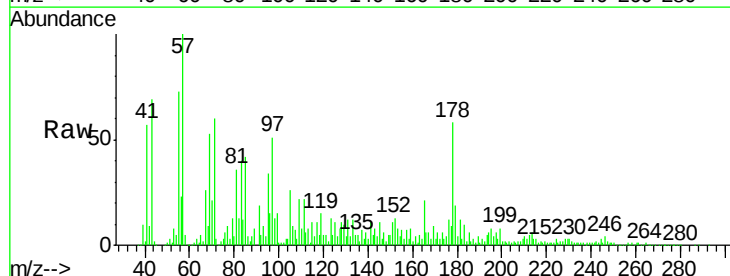
Instrument :
 BNA_F
 ClientSampled :
 SC-6

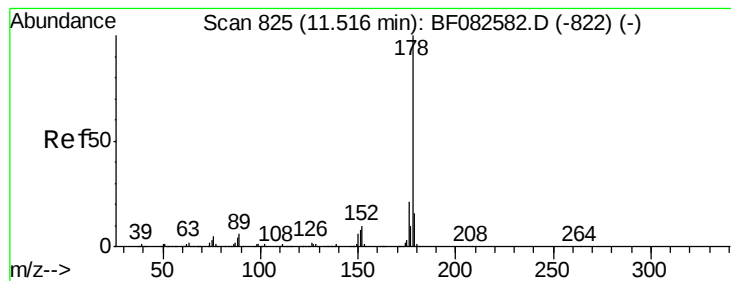
Tgt Ion:200 Resp: 157448
 Ion Ratio Lower Upper
 200 100
 173 82.7 6.9 46.9#
 215 51.5 22.9 62.9



#70
 Phenanthrene
 Concen: 21.09 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.05 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion:178 Resp: 720287
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.4
 179 33.4 13.4 20.0#





#71

Anthracene

Concen: 5.99 ng

RT: 11.54 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

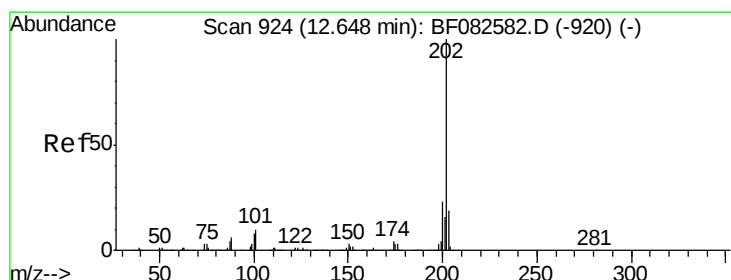
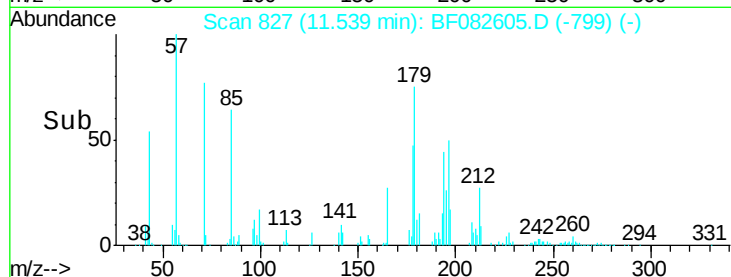
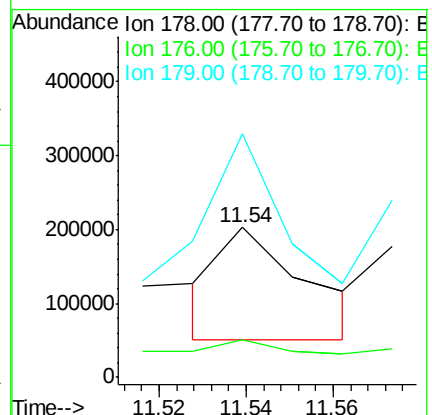
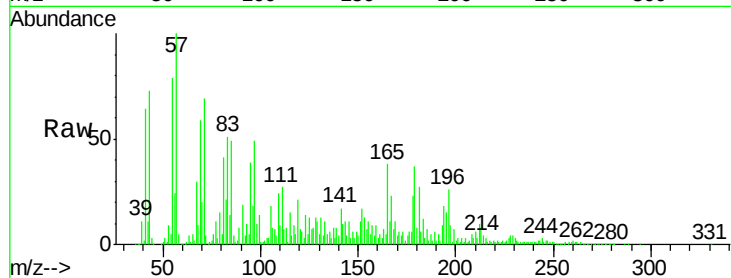
Tgt Ion:178 Resp: 206150

Ion Ratio Lower Upper

178 100

176 24.7 16.5 24.7

179 162.6 13.2 19.8#



#74

Fluoranthene

Concen: 20.49 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.26 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

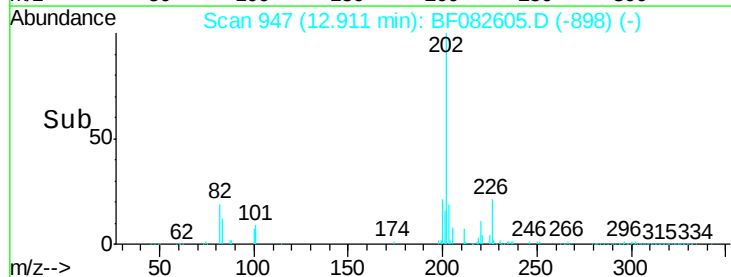
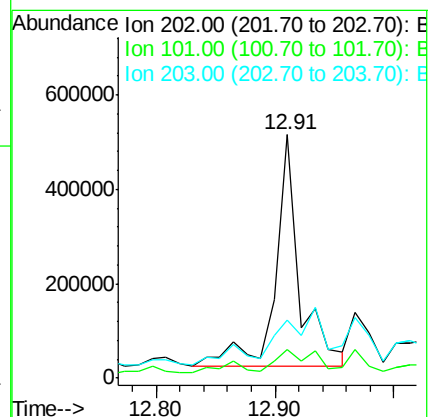
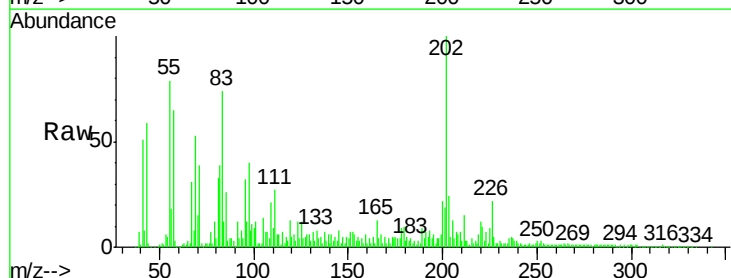
Tgt Ion:202 Resp: 715599

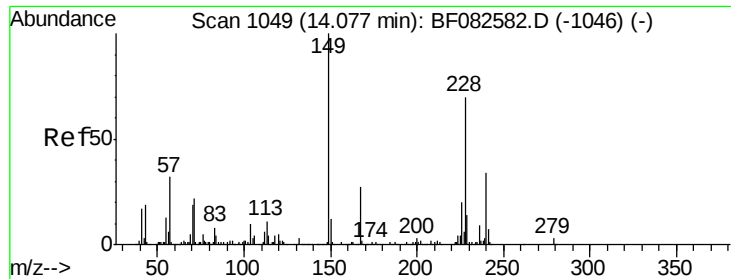
Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.5

203 23.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

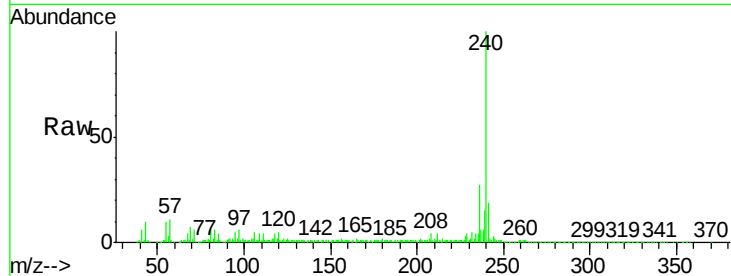
Tgt Ion:240 Resp: 488061

Ion Ratio Lower Upper

240 100

120 5.5 10.9 16.3#

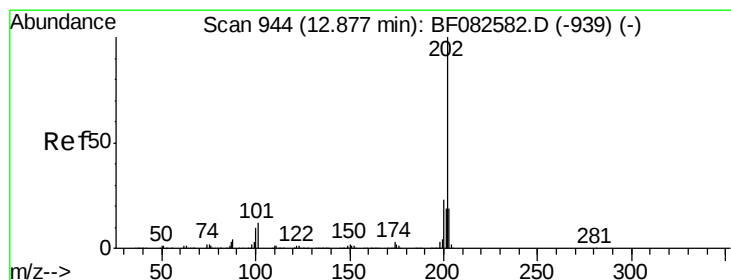
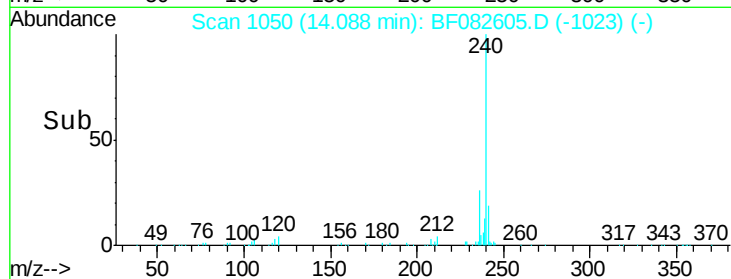
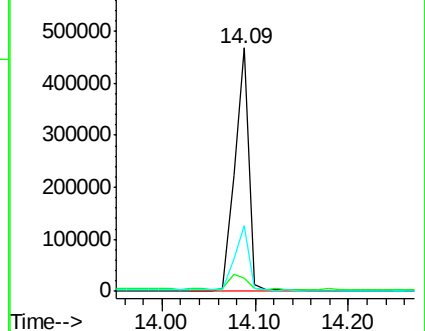
236 27.0 21.6 32.4



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



#77

Pyrene

Concen: 19.80 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.03 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

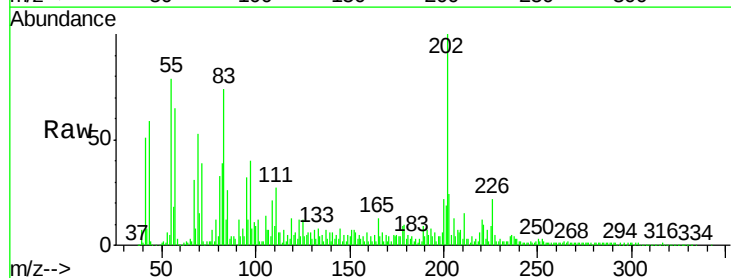
Tgt Ion:202 Resp: 715599

Ion Ratio Lower Upper

202 100

200 21.9 18.7 28.1

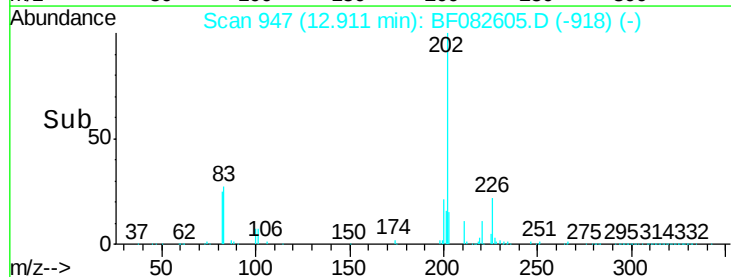
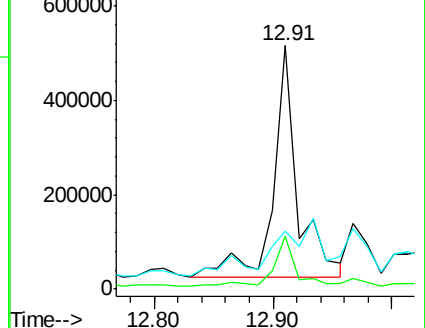
203 23.8 14.8 22.2#

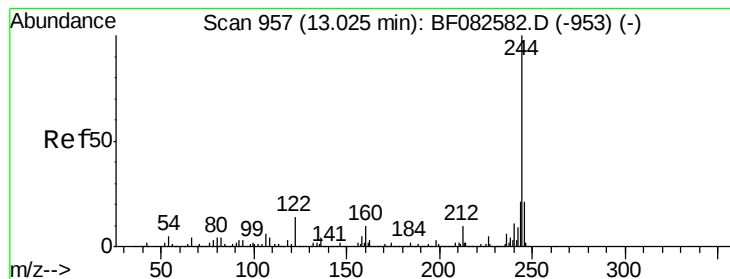


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.87 ng

RT: 13.05 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6

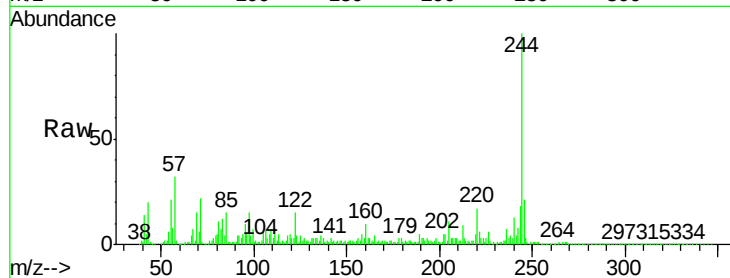
Tgt Ion:244 Resp: 2026460

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

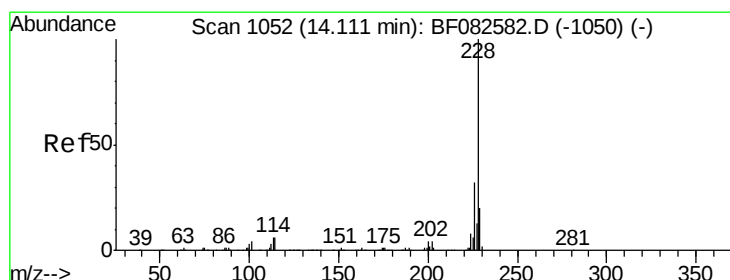
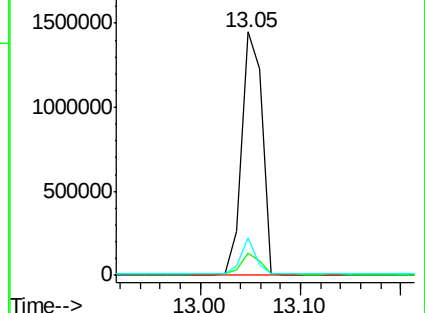
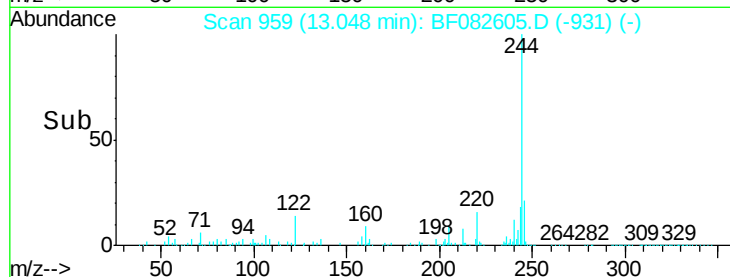
122 15.2 11.3 16.9



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



#82

Chrysene

Concen: 2.03 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

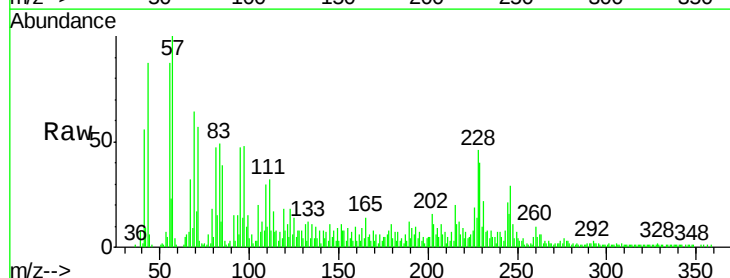
Tgt Ion:228 Resp: 57055

Ion Ratio Lower Upper

228 100

226 41.8 25.5 38.3#

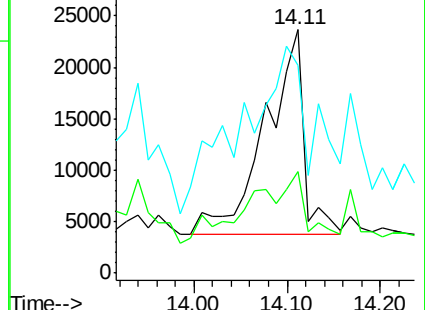
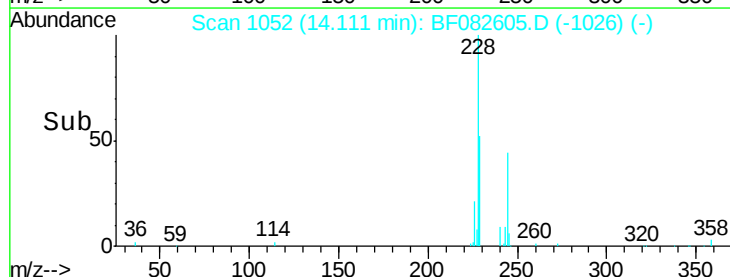
229 85.5 16.3 24.5#

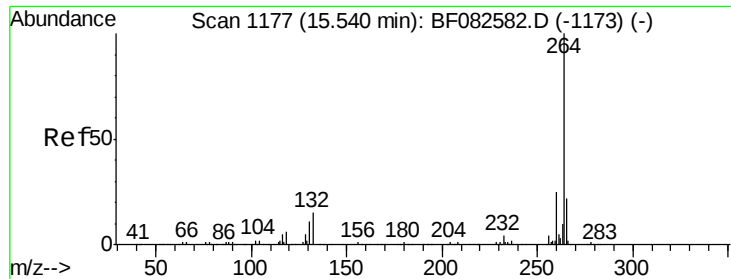


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

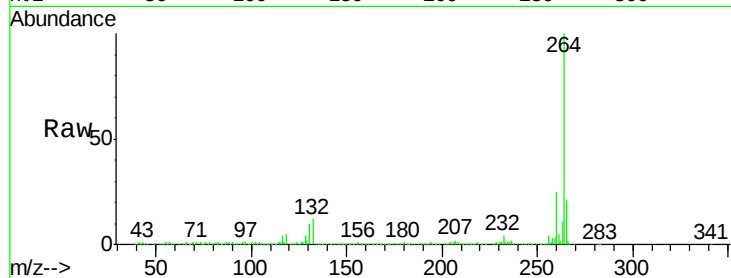




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Instrument :
BNA_F
ClientSampleId :
SC-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.2	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

