

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082464.D
 Acq On : 23 Oct 2015 00:22
 Operator : UM/IZ
 Sample : G4119-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

Quant Time: Oct 23 01:45:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	195818	20.00	ng	0.15
21) Naphthalene-d8	8.06	136	348621	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	147342	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	214942	20.00	ng	0.01
75) Chrysene-d12	13.99	240	187356	20.00	ng	-0.01
86) Perylene-d12	15.45	264	139398	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	425692	43.87	ng	0.00
7) Phenol-d6	6.42	99	555249	43.98	ng	0.00
23) Nitrobenzene-d5	7.34	82	276009	53.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	76489	55.35	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	456837	51.42	ng	-0.01
78) Terphenyl-d14	12.91	244	305320	43.18	ng	0.02

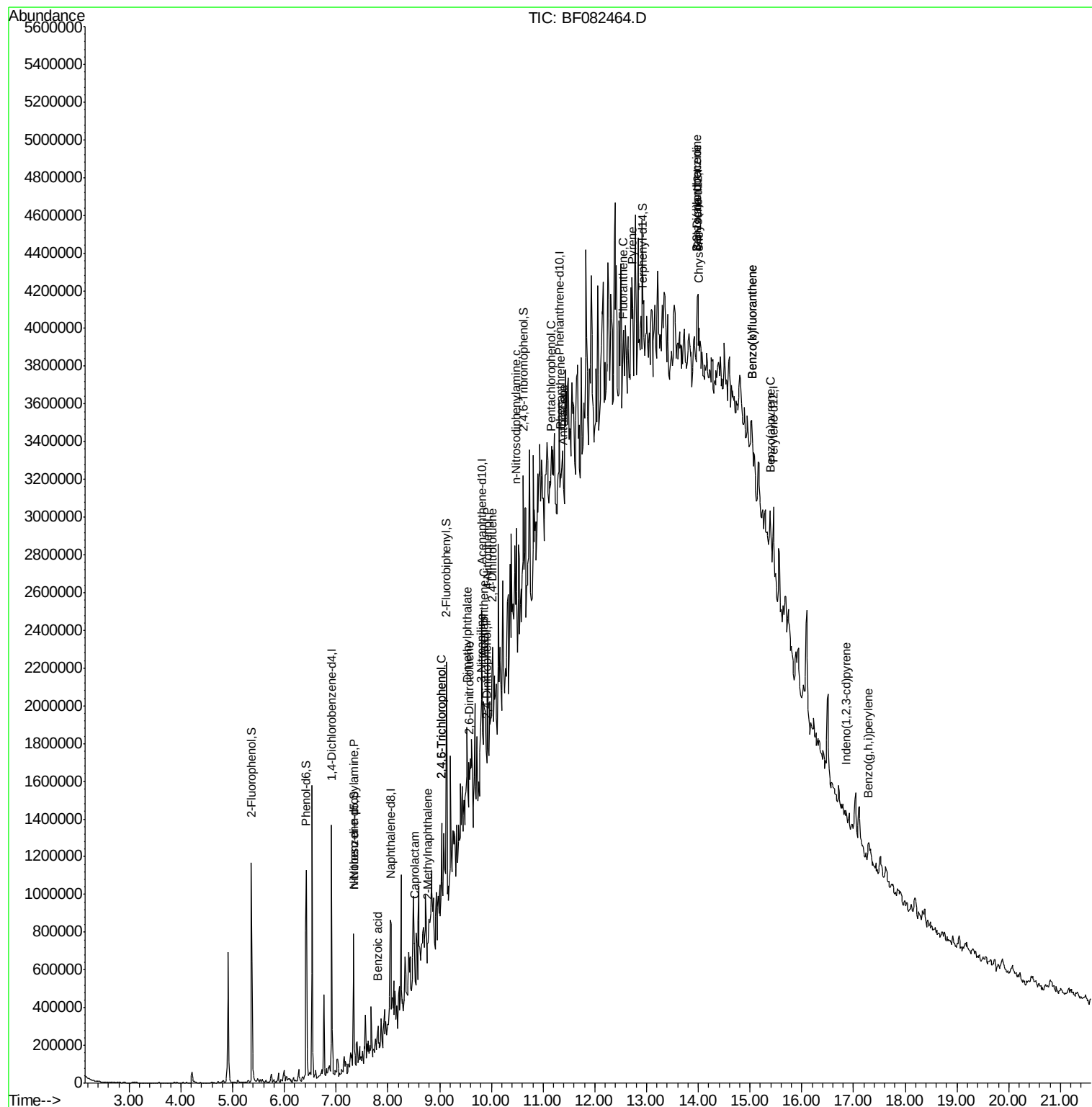
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	42665	4.81	ng	# 74
32) Benzoic acid	7.81	122	17027	5.61	ng	# 86
35) Caprolactam	8.51	113	8610	6.57	ng	# 1
37) 2-Methylnaphthalene	8.77	142	22918	2.19	ng	# 86
42) 2,4,6-Trichlorophenol	9.04	196	7111	2.44	ng	# 12
43) 2,4,5-Trichlorophenol	9.04	196	6906	2.19	ng	# 1
49) Dimethylphthalate	9.53	163	140197	13.51	ng	# 96
50) 2,6-Dinitrotoluene	9.58	165	7183	3.28	ng	# 67
51) Acenaphthene	9.85	154	17906	2.16	ng	# 58
52) 3-Nitroaniline	9.79	138	8360	3.38	ng	# 42
53) 2,4-Dinitrophenol	9.91	184	1791	7.74	ng	# 1
55) 4-Nitrophenol	9.93	139	8341	6.54	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	27809	10.16	ng	# 61
65) n-Nitrosodiphenylamine	10.48	169	194387	30.21	ng	# 44
69) Pentachlorophenol	11.15	266	2528	2.11	ng	# 22
70) Phenanthrene	11.34	178	70263	6.67	ng	# 52
71) Anthracene	11.39	178	63516	5.85	ng	# 66
74) Fluoranthene	12.54	202	136020	12.02	ng	# 65
77) Pyrene	12.73	202	30347	2.73	ng	# 1
80) Benzo(a)anthracene	13.98	228	133117	13.66	ng	# 47
81) 3,3'-Dichlorobenzidine	13.98	252	12603	3.41	ng	# 52
82) Chrysene	14.01	228	155527	15.14	ng	# 58
85) Indeno(1,2,3-cd)pyrene	16.86	276	19614	2.40	ng	# 87
87) Benzo(b)fluoranthene	15.04	252	54912	6.47	ng	# 1
88) Benzo(k)fluoranthene	15.04	252	54912	7.70	ng	# 1
89) Benzo(a)pyrene	15.40	252	51928	7.12	ng	# 33
91) Benzo(g,h,i)perylene	17.29	276	37805	6.52	ng	# 70

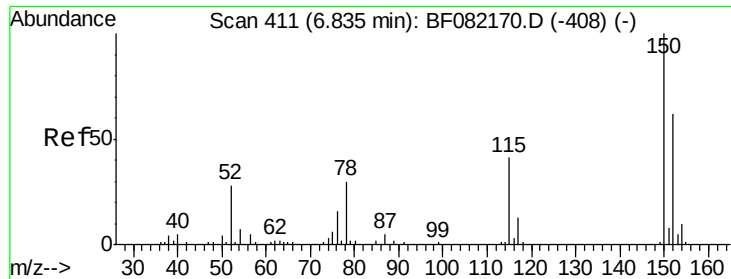
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.15 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

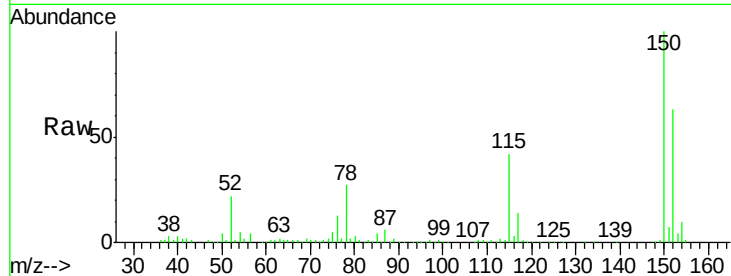
Tgt Ion:152 Resp: 195818

Ion Ratio Lower Upper

152 100

150 159.2 129.0 193.4

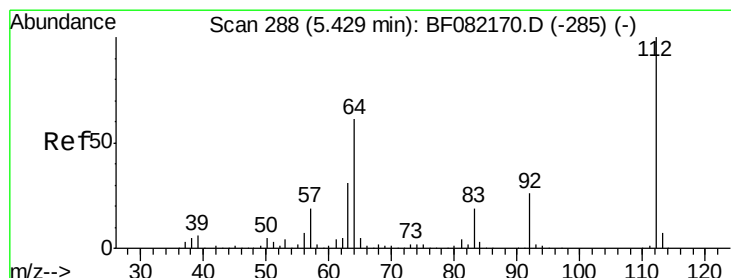
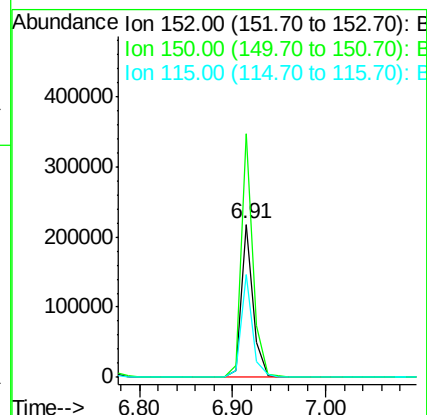
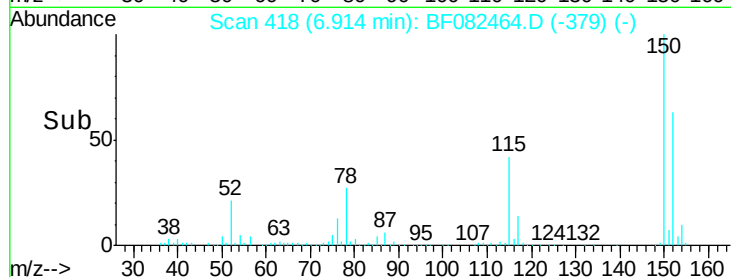
115 67.4 52.1 78.1



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: 43.87 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

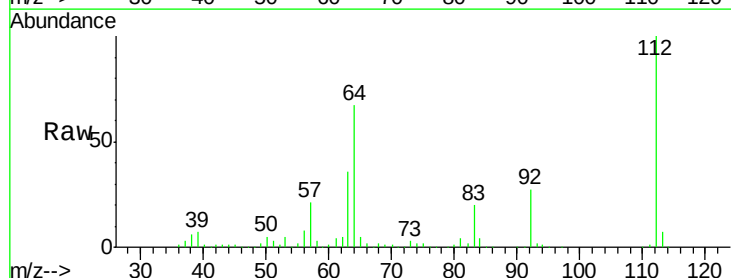
Tgt Ion:112 Resp: 425692

Ion Ratio Lower Upper

112 100

64 67.0 48.6 73.0

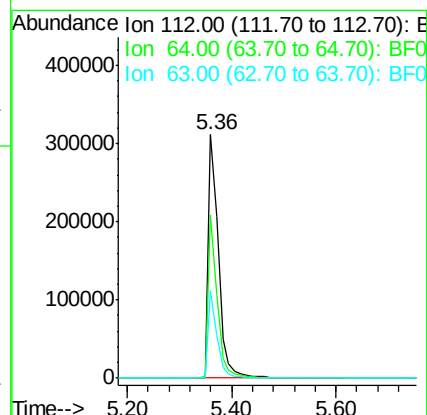
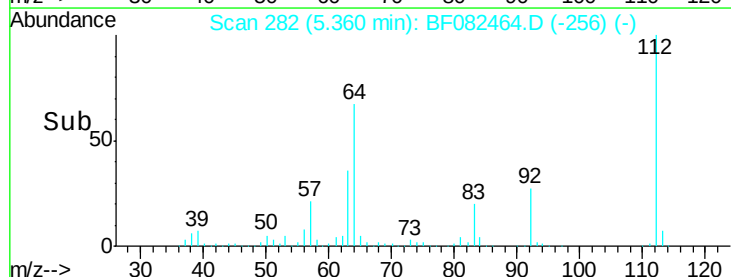
63 35.8 25.1 37.7

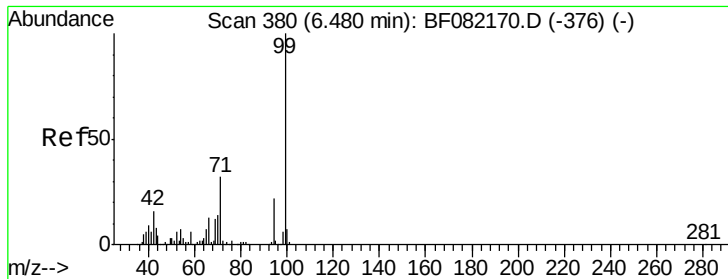


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.98 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

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SB15-08-15.5-16

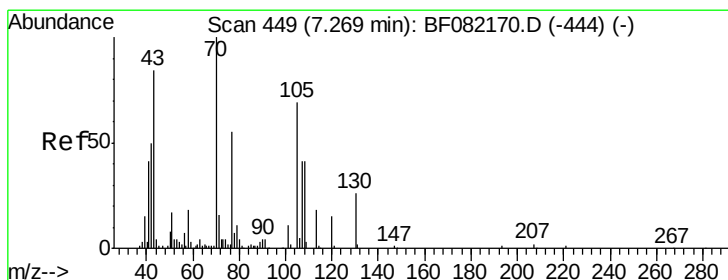
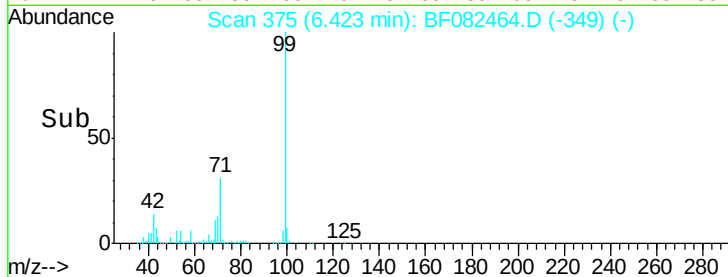
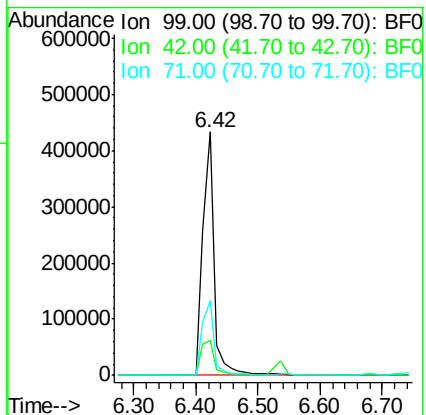
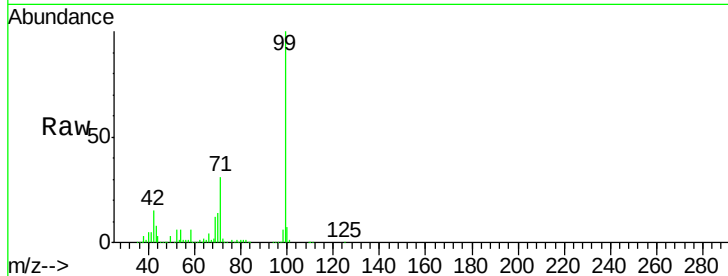
Tgt Ion: 99 Resp: 555249

Ion Ratio Lower Upper

99 100

42 14.5 13.2 19.8

71 30.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.81 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion: 70 Resp: 42665

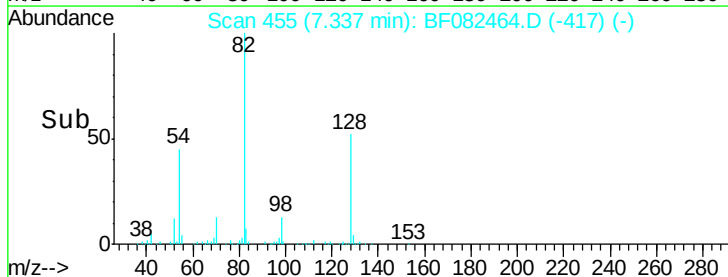
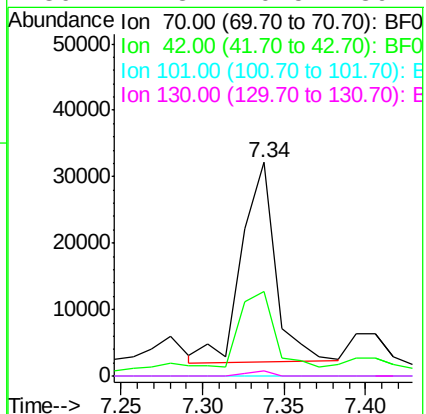
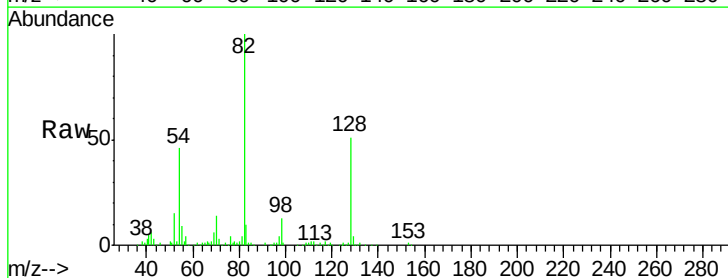
Ion Ratio Lower Upper

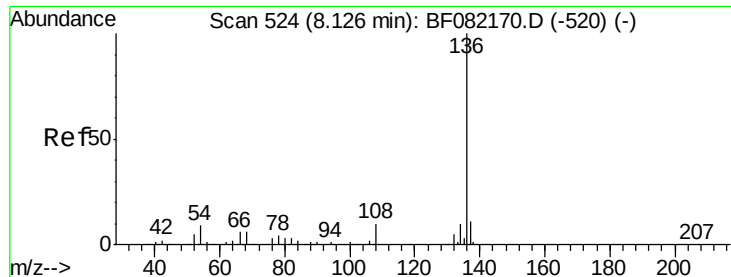
70 100

42 39.7 39.8 59.8#

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

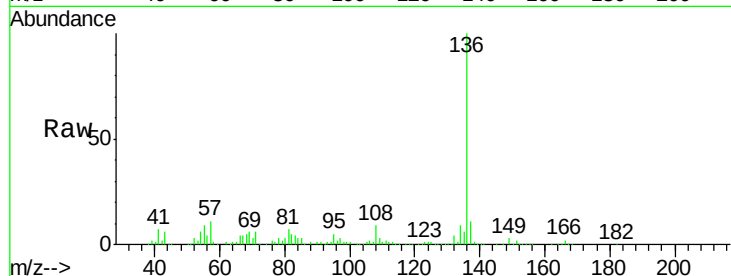




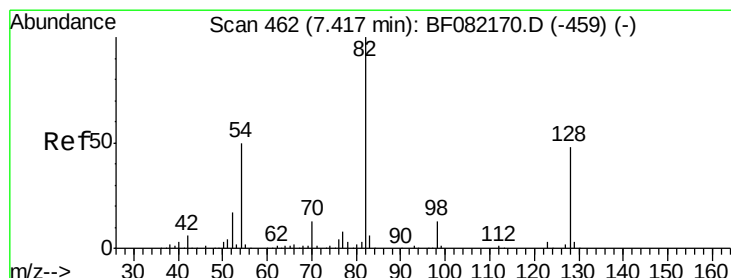
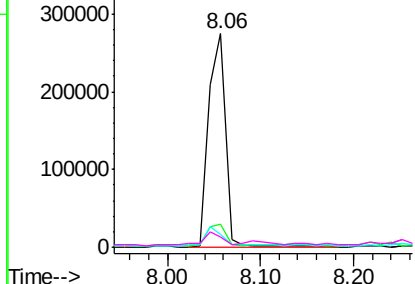
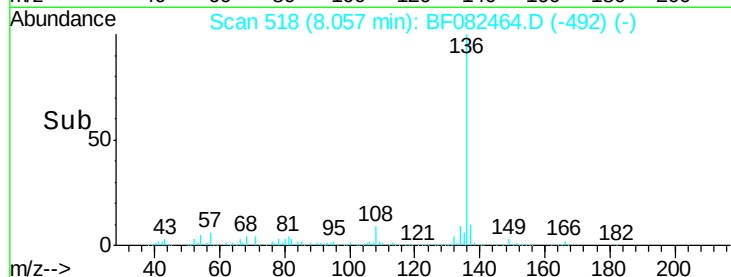
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

Tgt Ion:	136	Resp:	348621
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.2	7.5	11.3#
68	4.6	4.6	7.0#

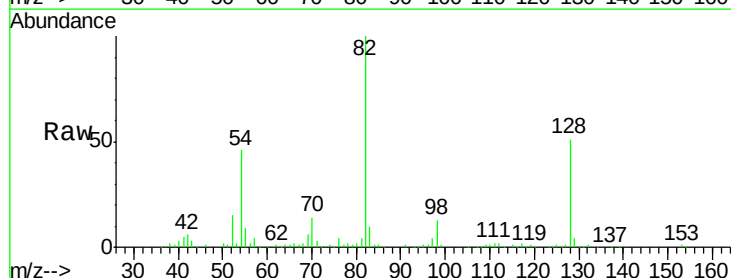


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

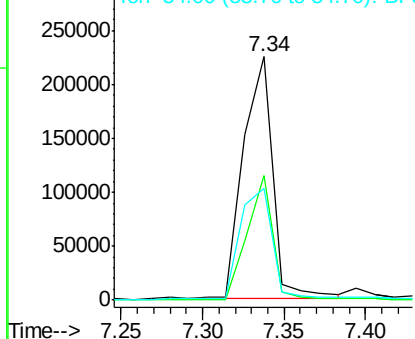
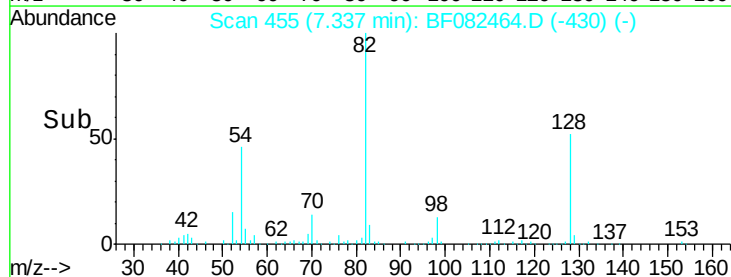


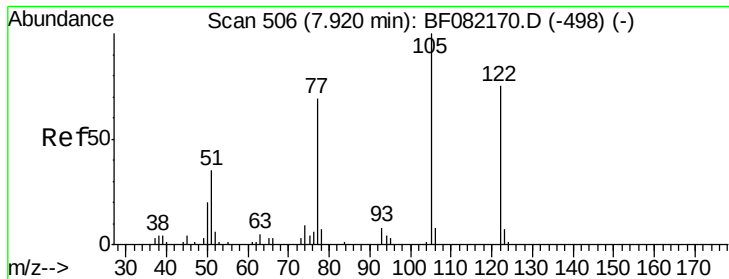
#23
Nitrobenzene-d5
Concen: 53.17 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Tgt Ion:	82	Resp:	276009
Ion	Ratio	Lower	Upper
82	100		
128	51.3	38.7	58.1
54	45.9	40.1	60.1



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





#32

Benzoic acid

Concen: 5.61 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.08 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

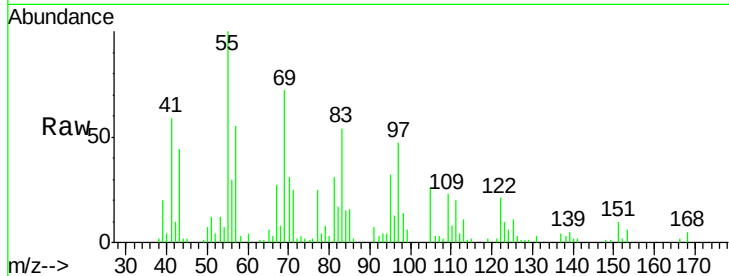
Tgt Ion:122 Resp: 17027

Ion Ratio Lower Upper

122 100

105 126.8 104.4 144.4

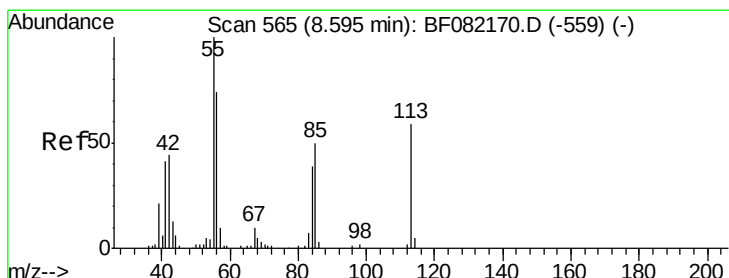
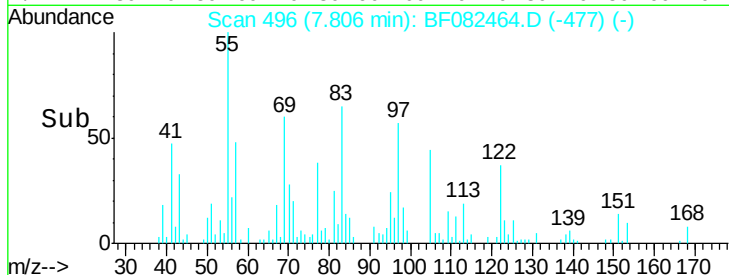
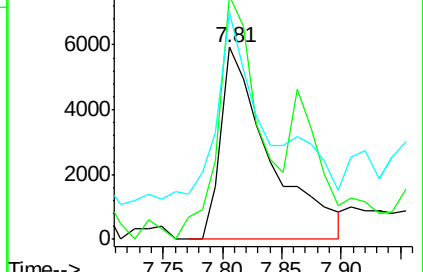
77 118.5 69.0 109.0#



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



#35

Caprolactam

Concen: 6.57 ng

RT: 8.51 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

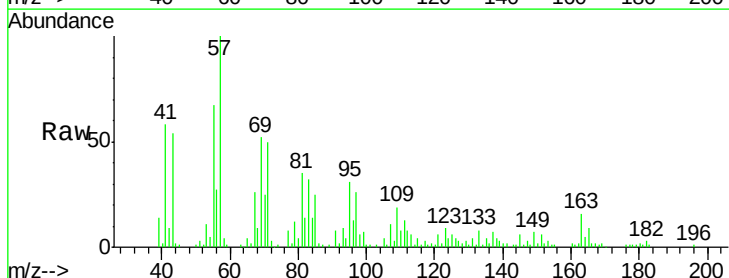
Tgt Ion:113 Resp: 8610

Ion Ratio Lower Upper

113 100

55 1086.1 149.7 189.7#

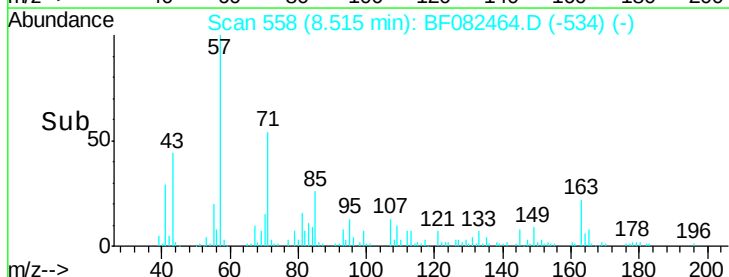
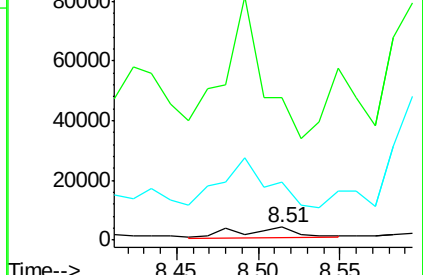
56 441.5 105.4 145.4#

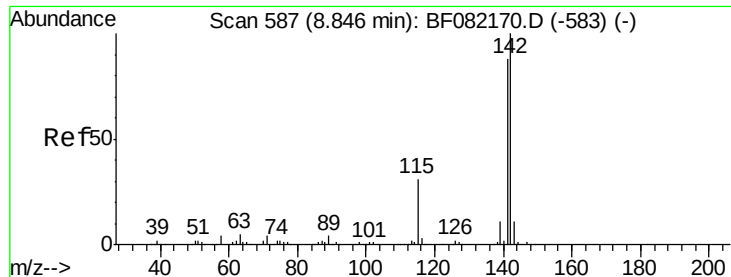


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#37

2-Methylnaphthalene

Concen: 2.19 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

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ClientSampleId :

SB15-08-15.5-16

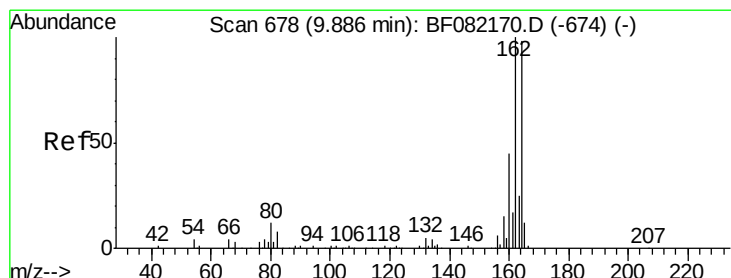
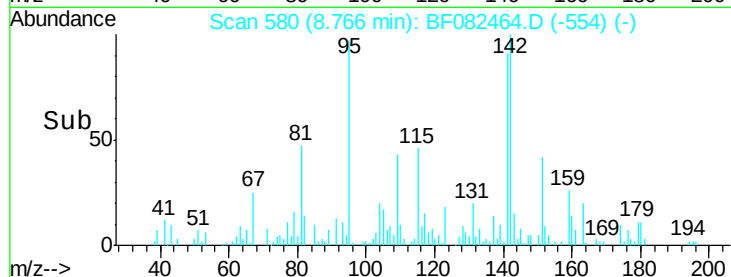
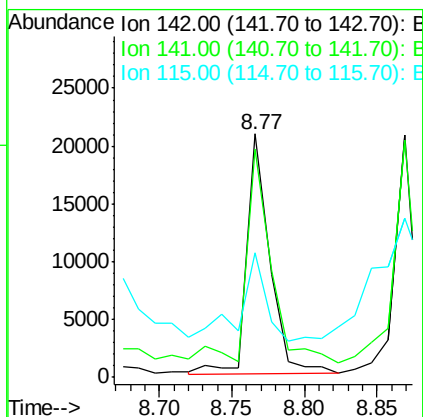
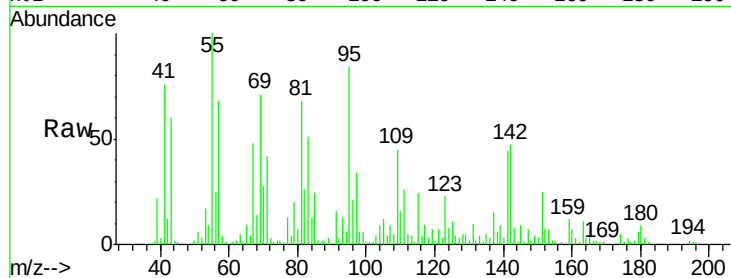
Tgt Ion:142 Resp: 22918

Ion Ratio Lower Upper

142 100

141 93.6 70.4 105.6

115 51.2 24.6 37.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

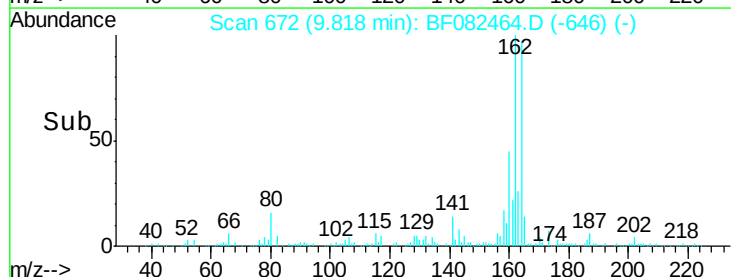
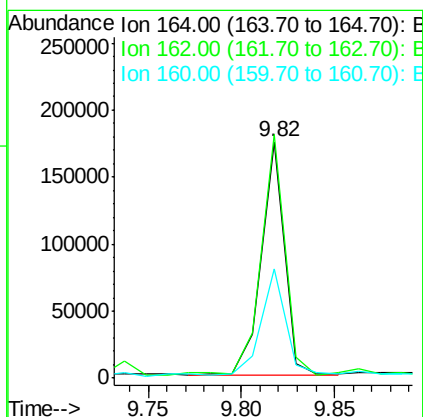
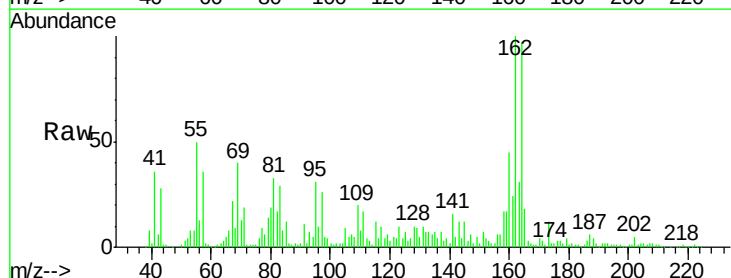
Tgt Ion:164 Resp: 147342

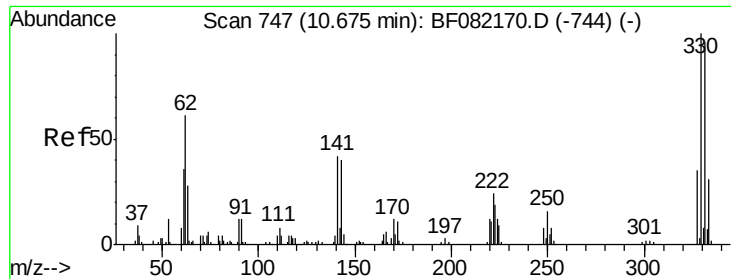
Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

160 46.2 36.4 54.6

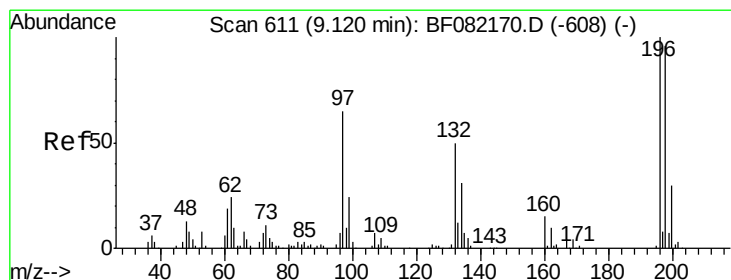
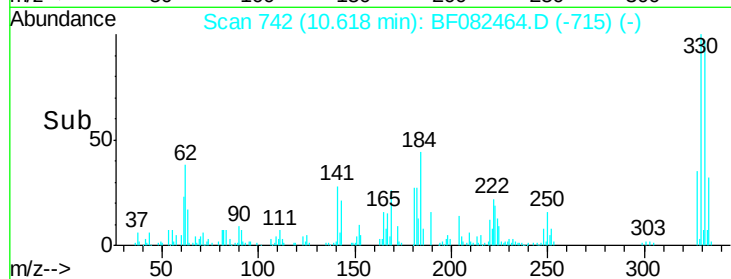
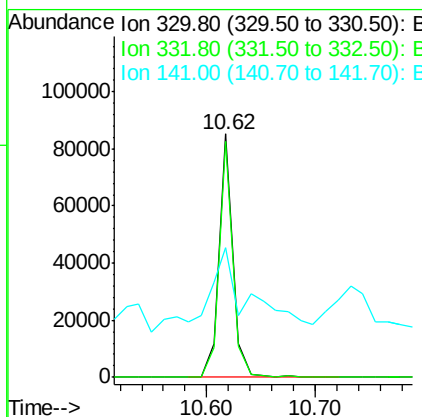
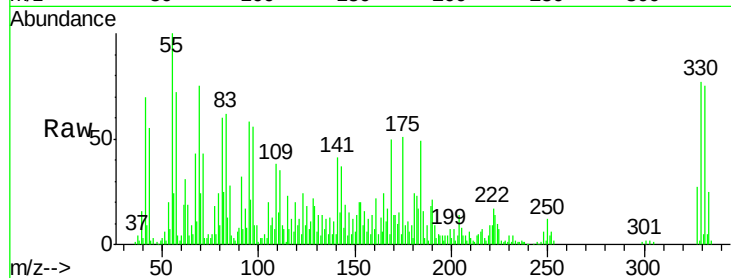




#41
 2,4,6-Tribromophenol
 Concen: 55.35 ng
 RT: 10.62 min Scan# 742
 Delta R.T. 0.01 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

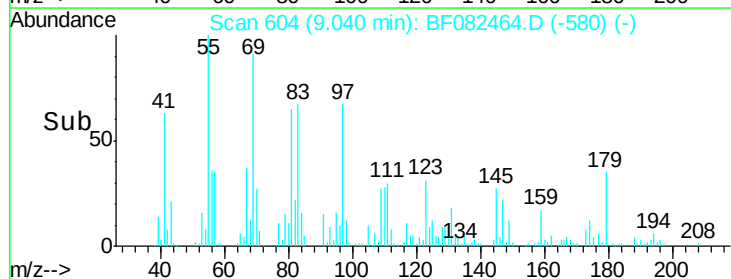
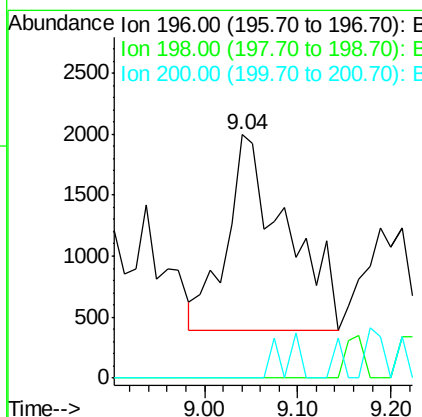
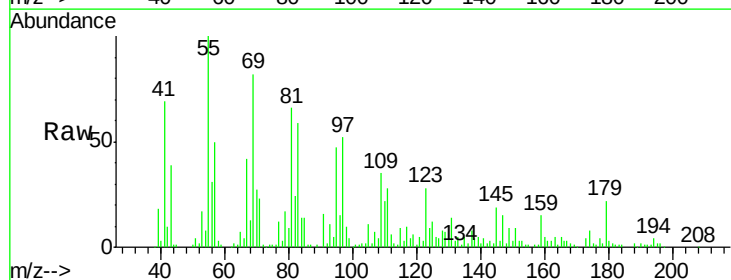
Instrument :
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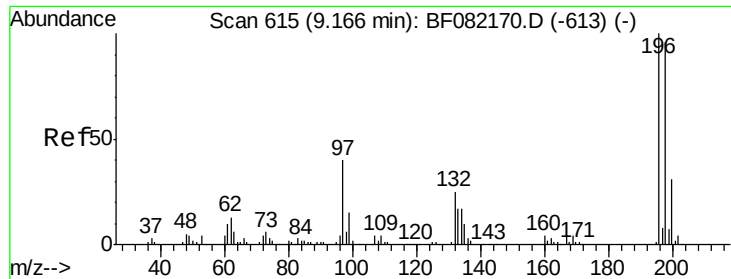
Tgt Ion:330 Resp: 76489
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 73.9 29.8 44.8#



#42
 2,4,6-Trichlorophenol
 Concen: 2.44 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

Tgt Ion:196 Resp: 7111
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 115.0#
 200 0.0 23.7 35.5#

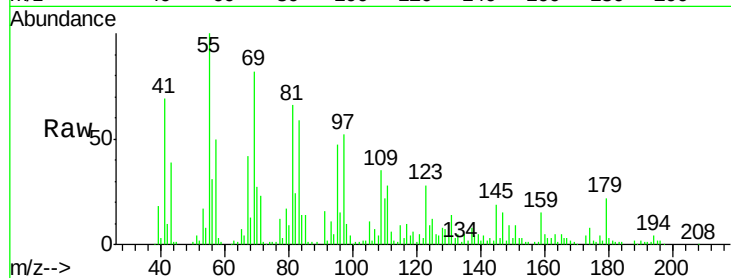




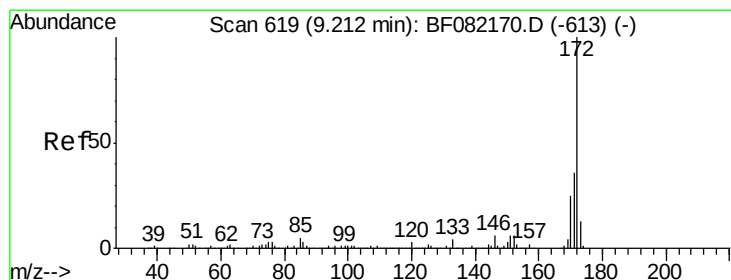
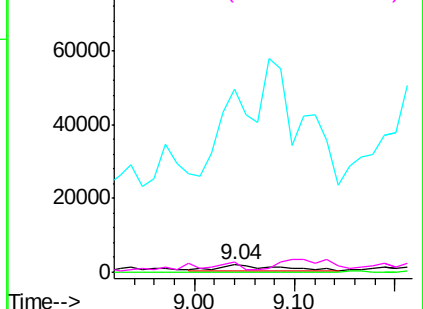
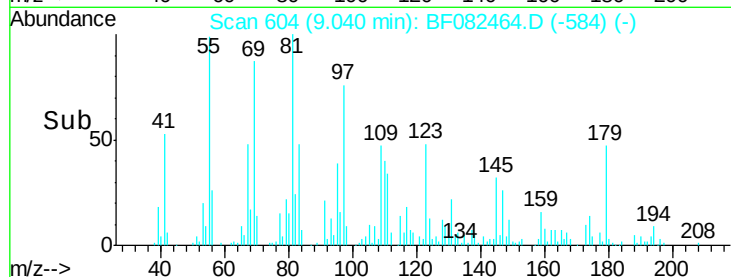
#43
 2,4,5-Trichlorophenol
 Concen: 2.19 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

Tgt Ion:196 Resp: 6906
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.0 115.4#
 97 2487.4 31.9 47.9#
 132 146.2 20.3 30.5#

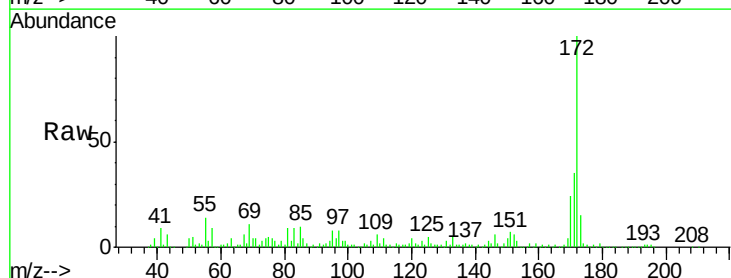


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

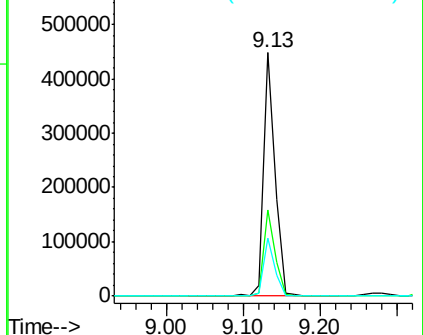
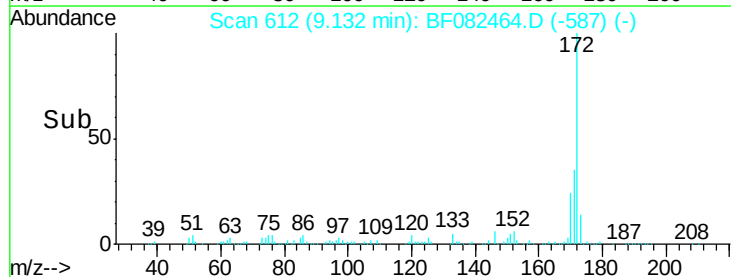


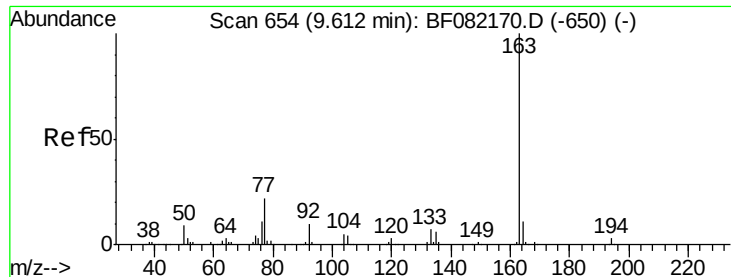
#44
 2-Fluorobiphenyl
 Concen: 51.42 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

Tgt Ion:172 Resp: 456837
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.8 19.7 29.5



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





#49

Dimethylphthalate

Concen: 13.51 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

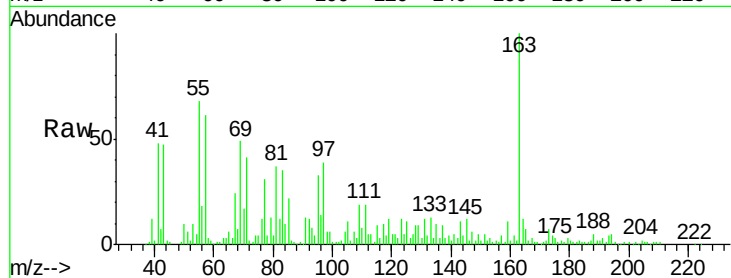
Tgt Ion:163 Resp: 140197

Ion Ratio Lower Upper

163 100

194 5.3 2.6 4.0#

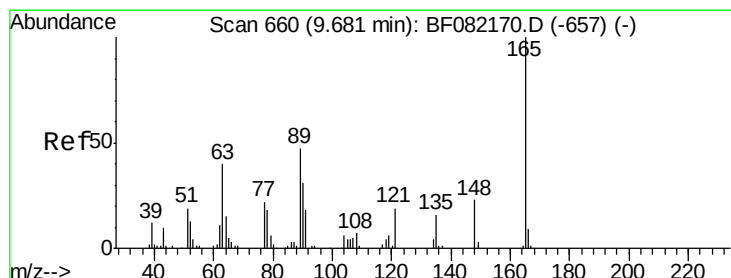
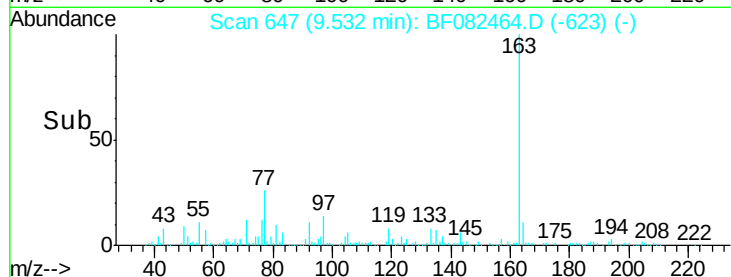
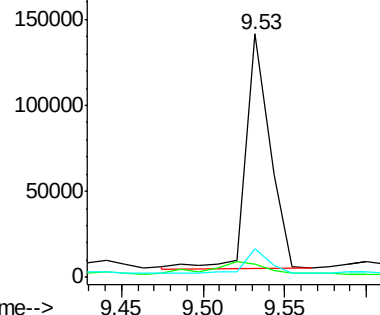
164 11.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.28 ng

RT: 9.58 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

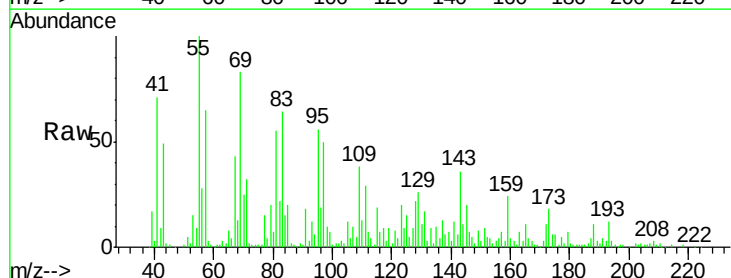
Tgt Ion:165 Resp: 7183

Ion Ratio Lower Upper

165 100

63 30.1 36.7 55.1#

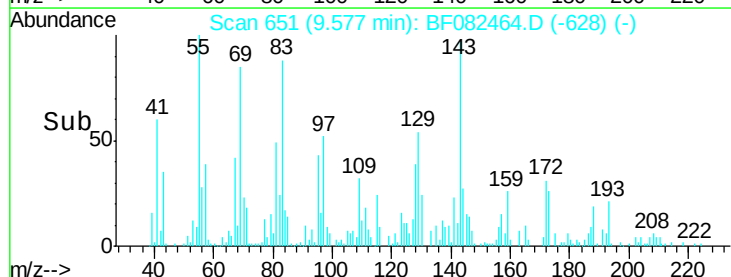
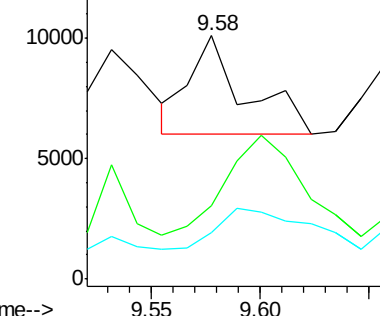
89 18.9 37.8 56.6#

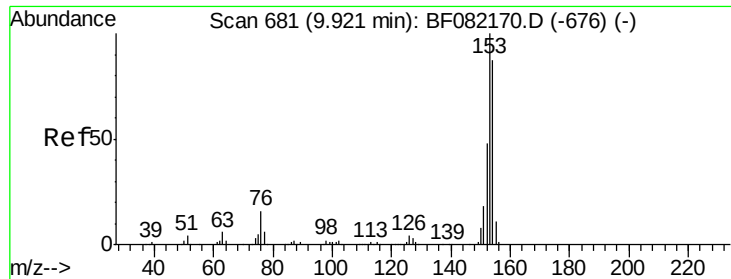


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.16 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

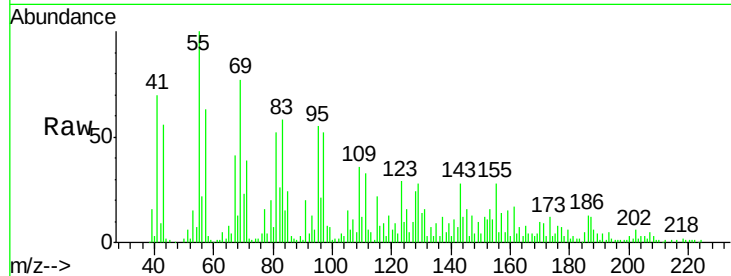
Tgt Ion:154 Resp: 17906

Ion Ratio Lower Upper

154 100

153 149.4 91.4 137.2#

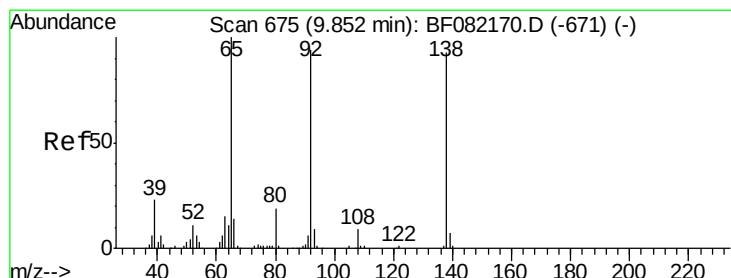
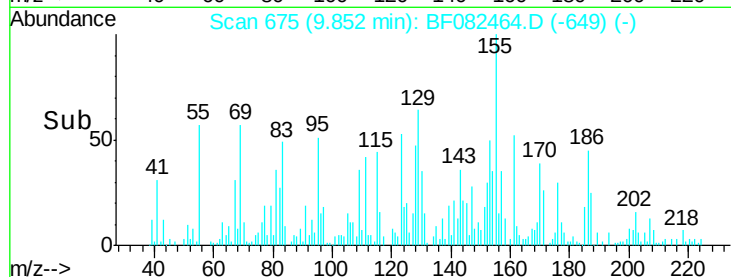
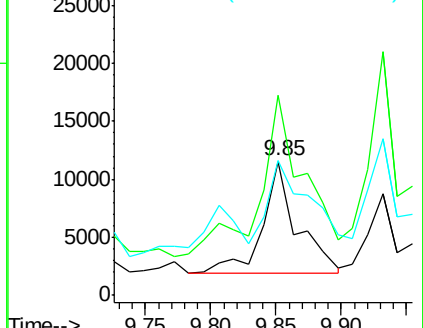
152 101.3 44.3 66.5#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.38 ng

RT: 9.79 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

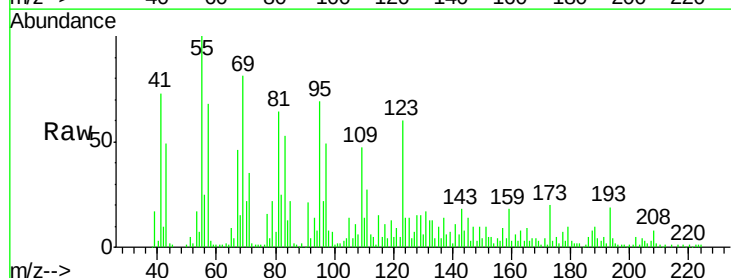
Tgt Ion:138 Resp: 8360

Ion Ratio Lower Upper

138 100

108 92.9 7.4 11.0#

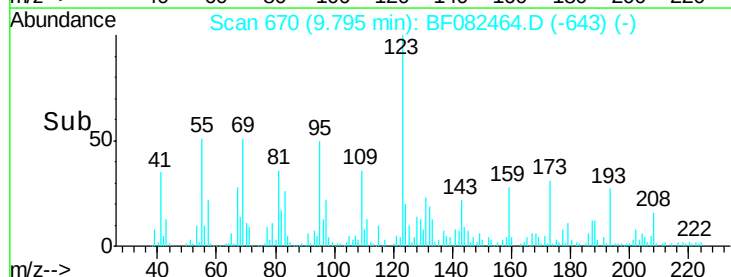
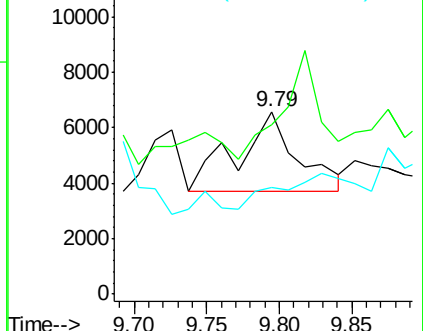
92 58.3 81.3 121.9#

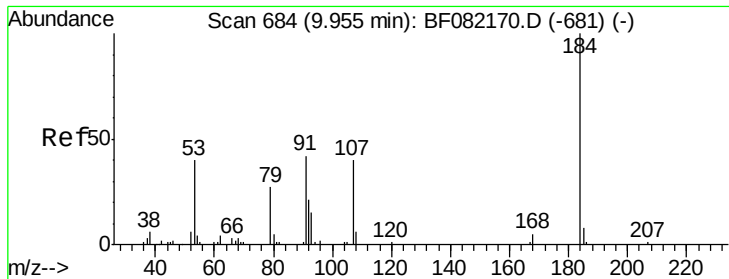


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

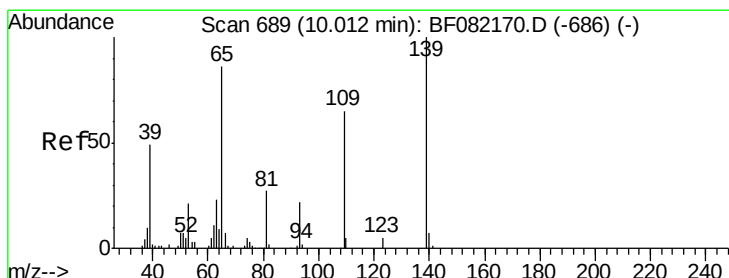
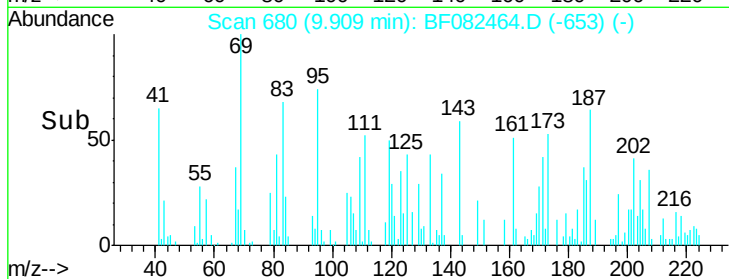
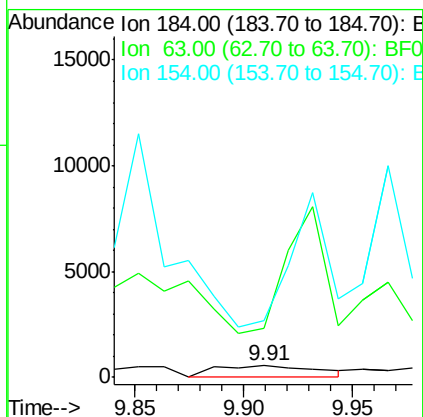
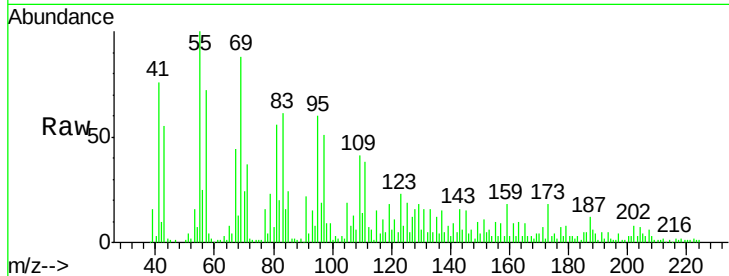




#53
 2,4-Dinitrophenol
 Concen: 7.74 ng
 RT: 9.91 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

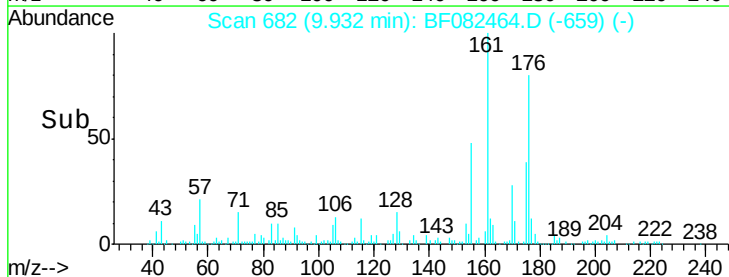
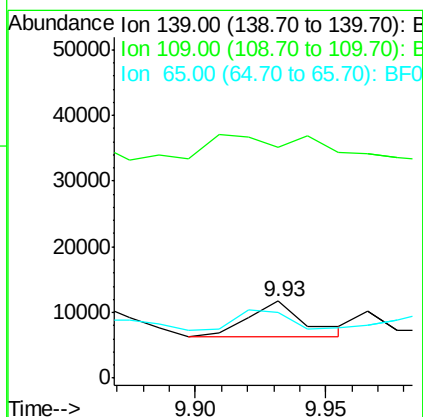
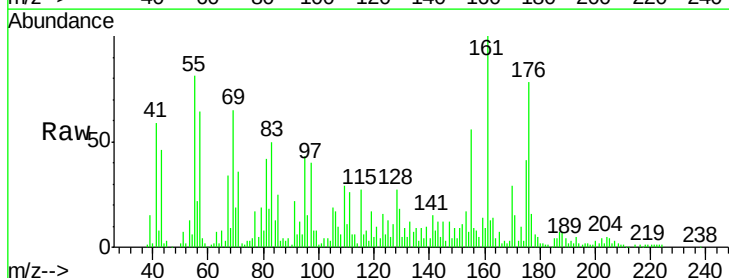
Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

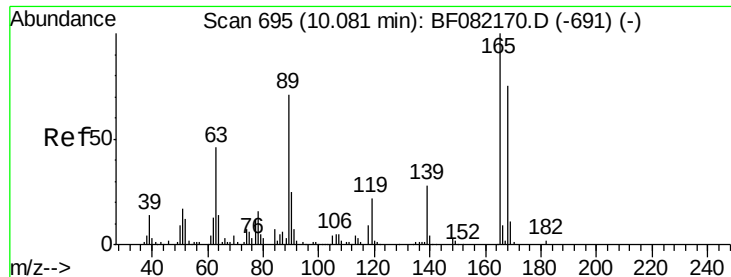
Tgt Ion:184 Resp: 1791
 Ion Ratio Lower Upper
 184 100
 63 430.4 45.1 67.7#
 154 492.6 51.2 76.8#



#55
 4-Nitrophenol
 Concen: 6.54 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

Tgt Ion:139 Resp: 8341
 Ion Ratio Lower Upper
 139 100
 109 298.4 44.8 84.8#
 65 85.1 67.7 107.7

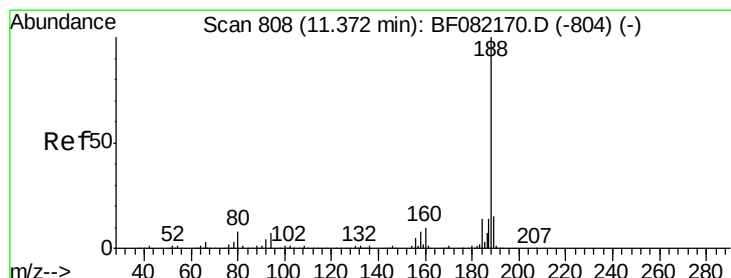
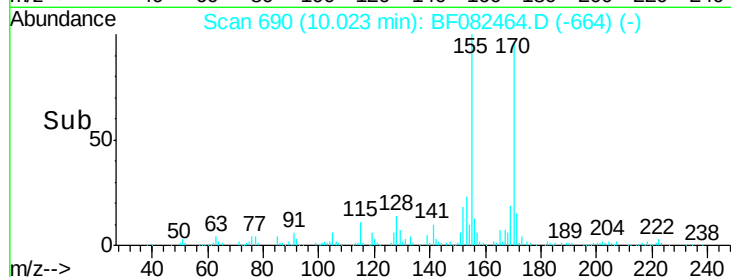
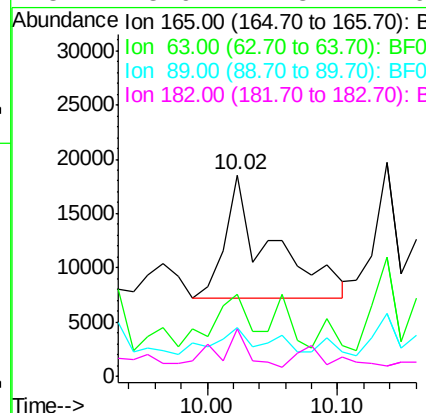
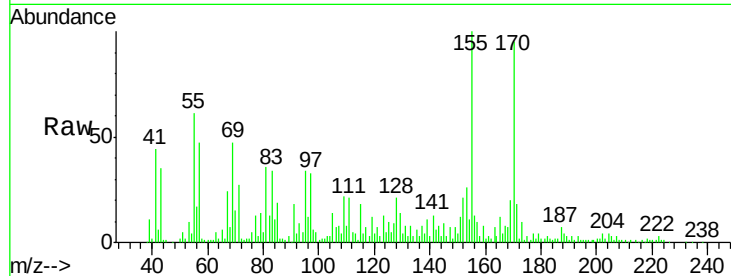




#56
 2,4-Dinitrotoluene
 Concen: 10.16 ng
 RT: 10.02 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

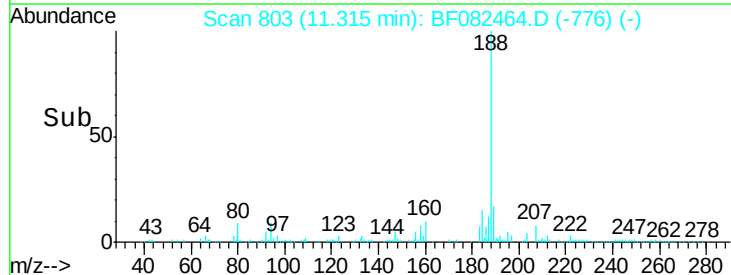
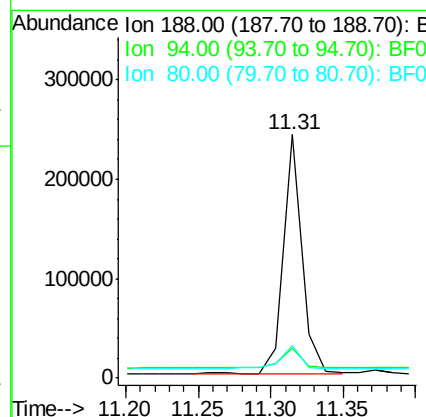
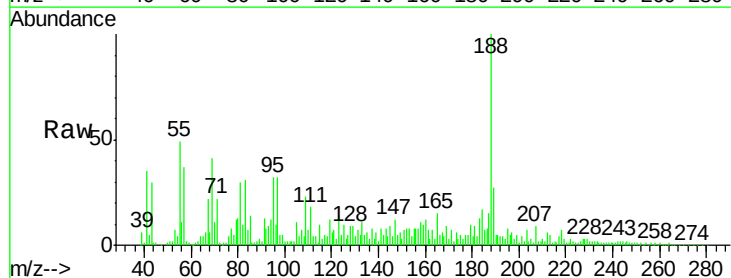
Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

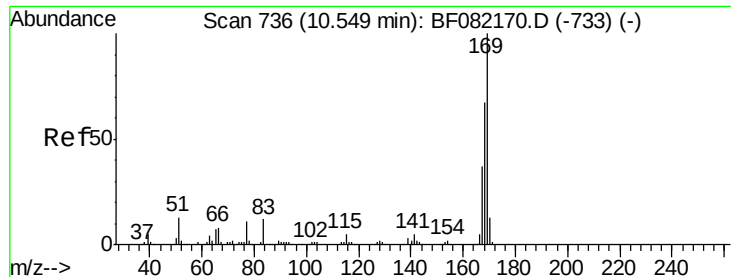
Tgt Ion:165 Resp: 27809
 Ion Ratio Lower Upper
 165 100
 63 40.9 38.6 58.0
 89 24.4 57.0 85.6#
 182 23.9 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF082464.D
 Acq: 23 Oct 2015 00:22

Tgt Ion:188 Resp: 214942
 Ion Ratio Lower Upper
 188 100
 94 12.5 5.8 8.6#
 80 13.3 6.4 9.6#





#65

n-Nitrosodiphenylamine

Concen: 30.21 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

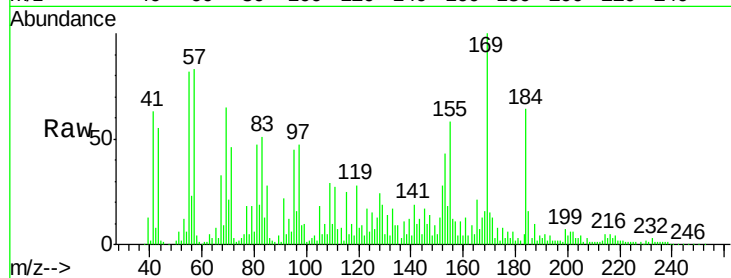
Tgt Ion:169 Resp: 194387

Ion Ratio Lower Upper

169 100

168 15.5 54.0 81.0#

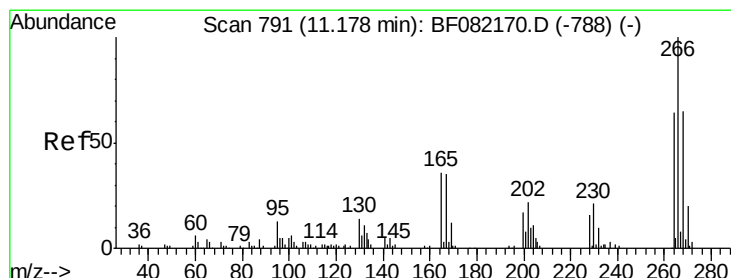
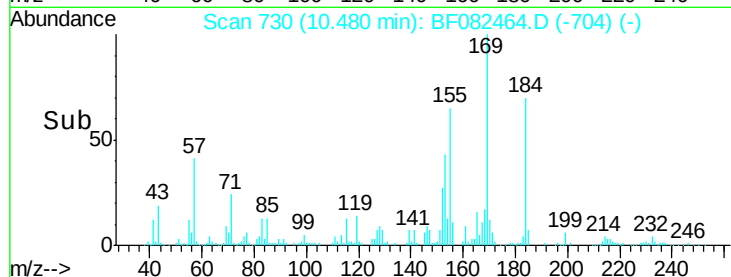
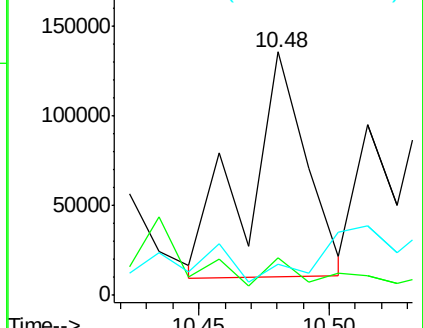
167 12.9 29.6 44.4#



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



#69

Pentachlorophenol

Concen: 2.11 ng

RT: 11.15 min Scan# 789

Delta R.T. 0.05 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

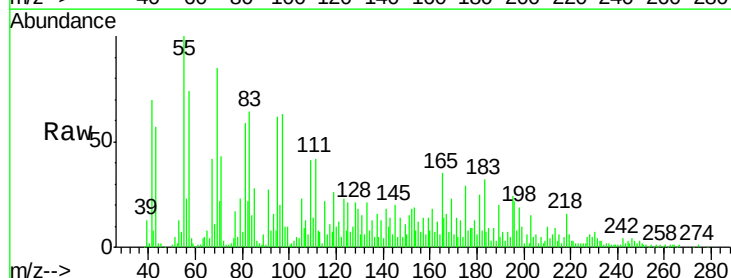
Tgt Ion:266 Resp: 2528

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

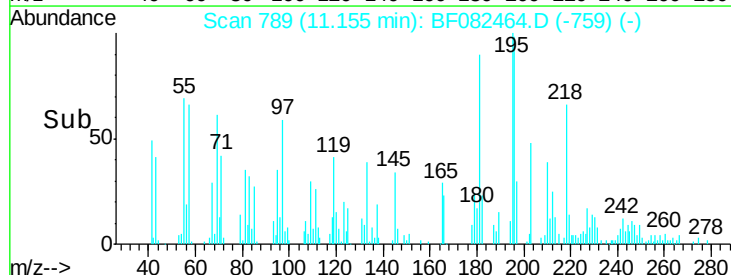
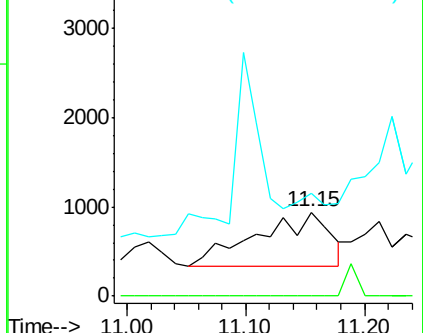
264 122.4 51.4 77.0#

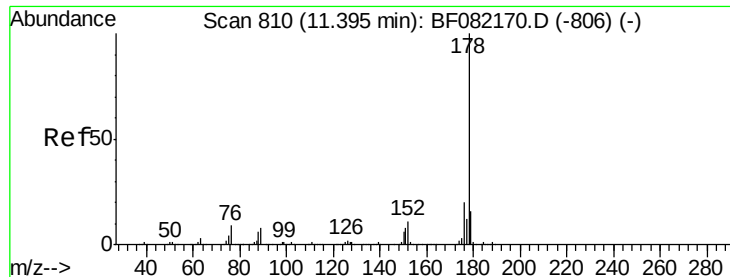


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 6.67 ng

RT: 11.34 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

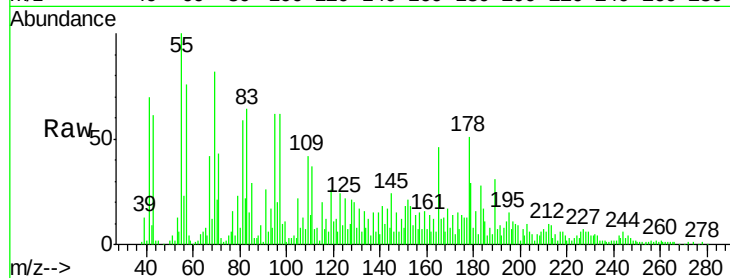
Tgt Ion:178 Resp: 70263

Ion Ratio Lower Upper

178 100

176 25.4 16.0 24.0#

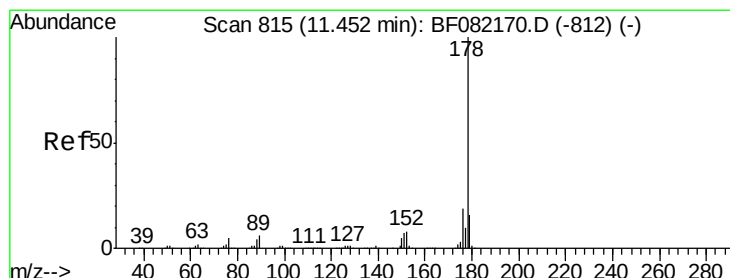
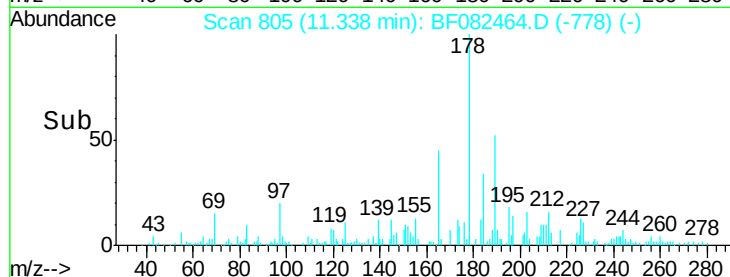
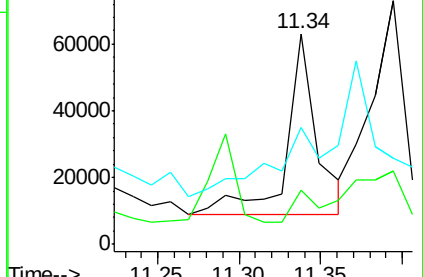
179 55.7 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.85 ng

RT: 11.39 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

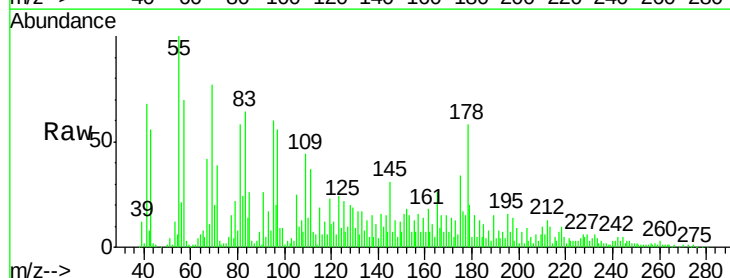
Tgt Ion:178 Resp: 63516

Ion Ratio Lower Upper

178 100

176 29.9 15.4 23.0#

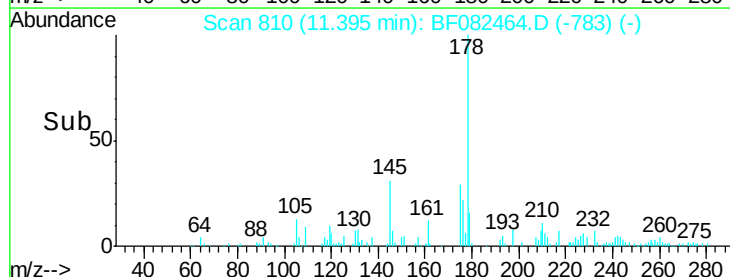
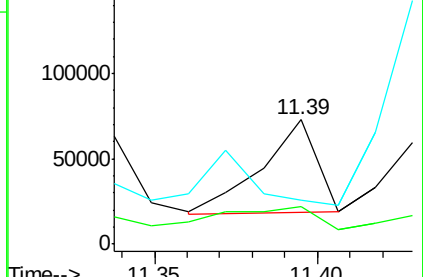
179 35.2 12.5 18.7#

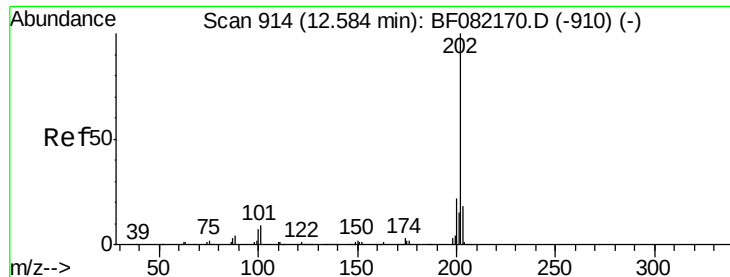


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 12.02 ng

RT: 12.54 min Scan# 910

Delta R.T. 0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

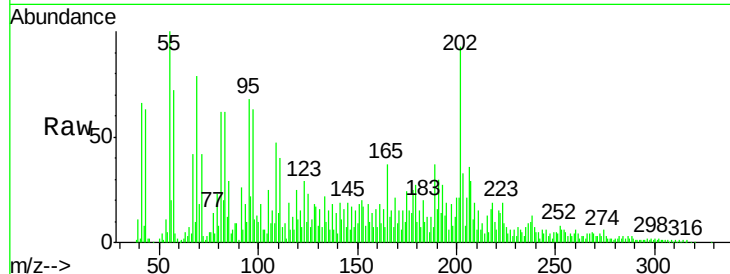
Instrument :

BNA_F

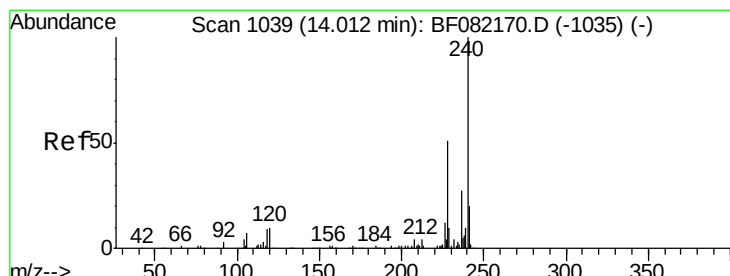
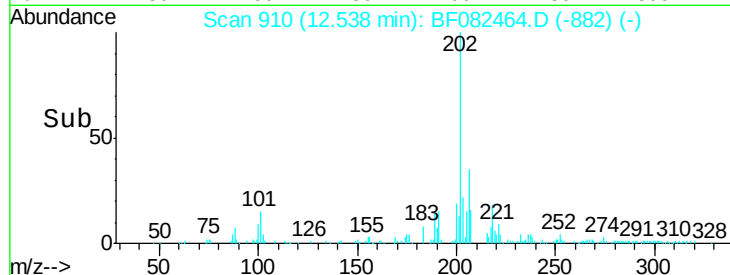
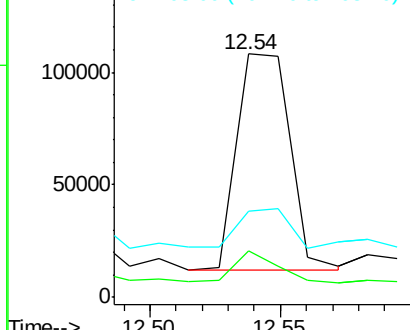
ClientSampleId :

SB15-08-15.5-16

Tgt Ion:	202	Resp:	136020
Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	29.3
203	35.6	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

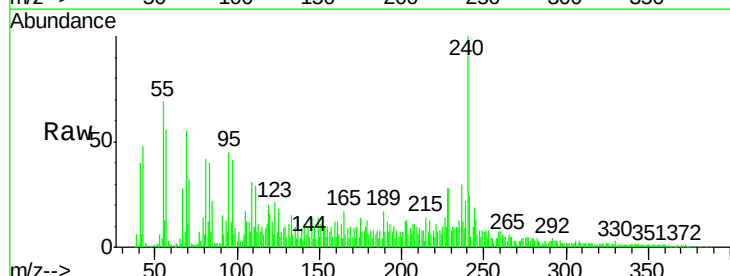
RT: 13.99 min Scan# 1037

Delta R.T. -0.01 min

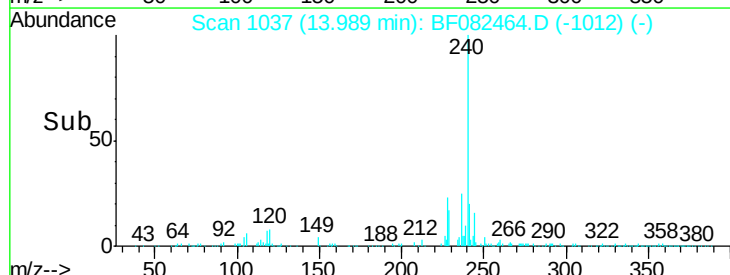
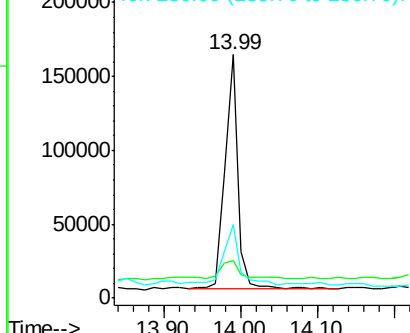
Lab File: BF082464.D

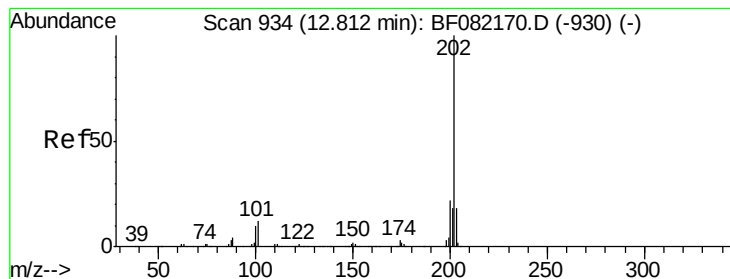
Acq: 23 Oct 2015 00:22

Tgt Ion:	240	Resp:	187356
Ion	Ratio	Lower	Upper
240	100		
120	15.6	8.1	12.1#
236	30.2	21.3	31.9



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: 2.73 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

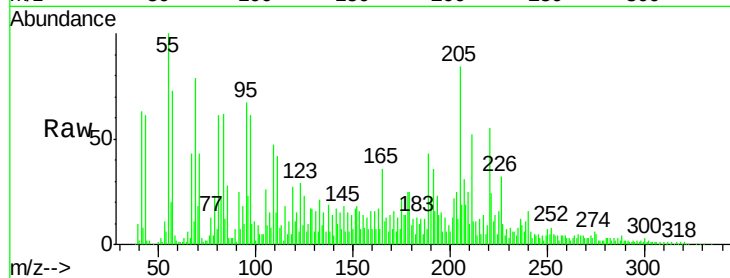
Tgt Ion:202 Resp: 30347

Ion Ratio Lower Upper

202 100

200 26.7 17.9 26.9

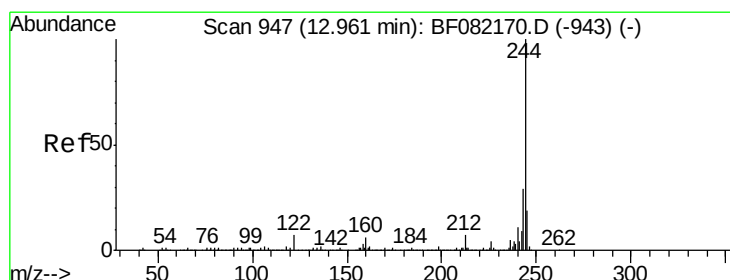
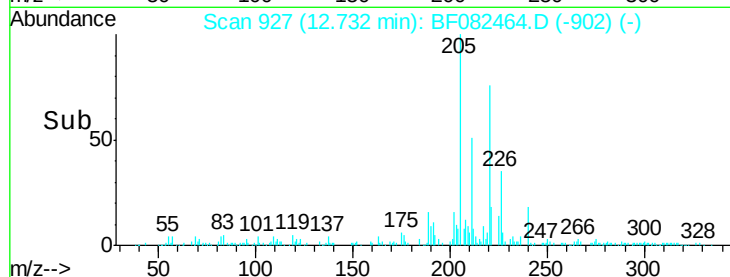
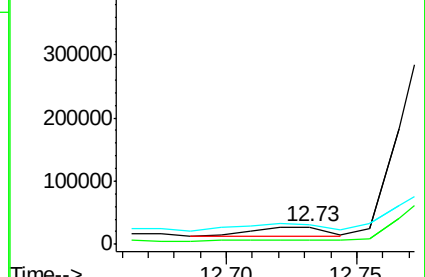
203 113.4 14.5 21.7#



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: 43.18 ng

RT: 12.91 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

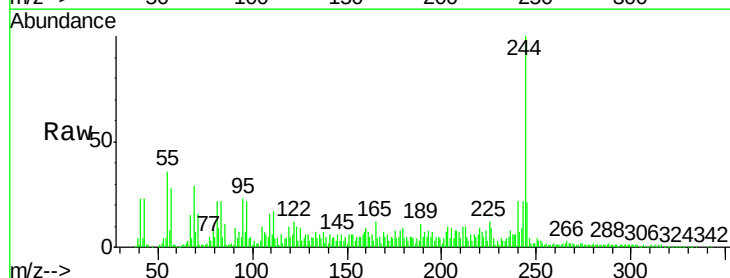
Tgt Ion:244 Resp: 305320

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.6#

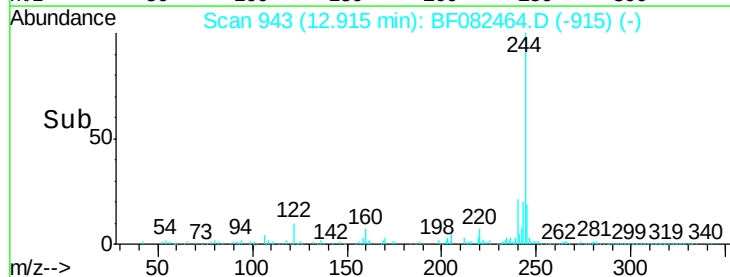
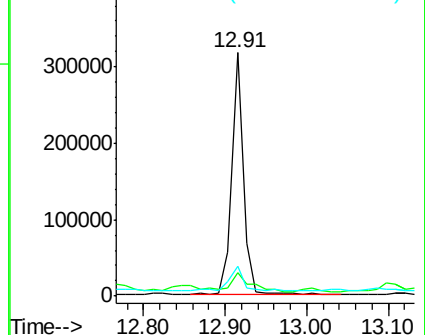
122 12.5 5.9 8.9#

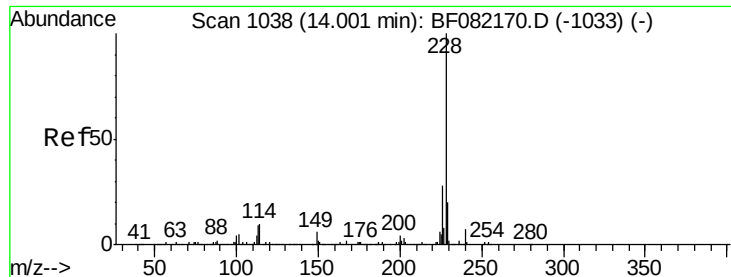


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 13.66 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

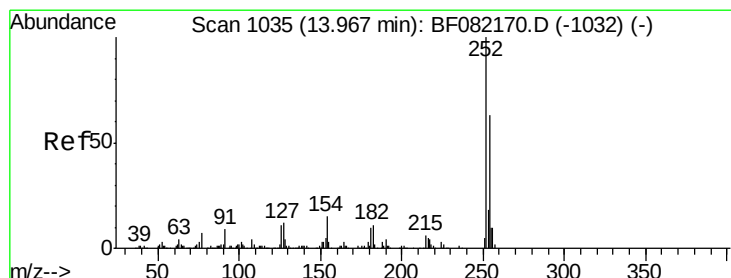
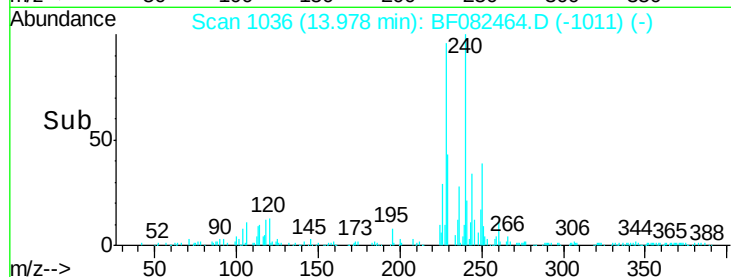
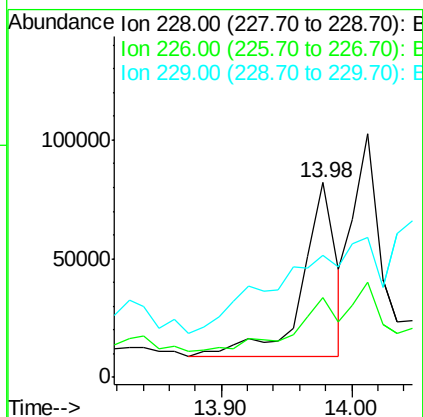
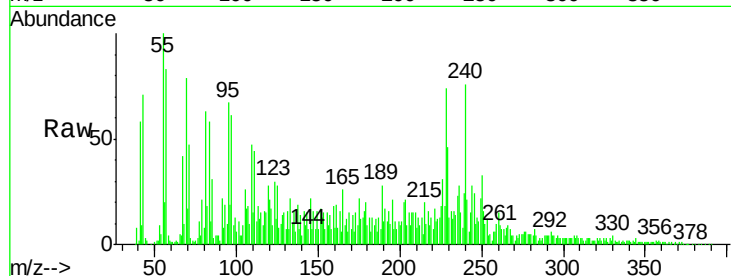
Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

Tgt Ion:	228	Resp:	133117
Ion	Ratio	Lower	Upper
228	100		
226	41.3	22.3	33.5#
229	62.5	16.2	24.2#



#81

3,3'-Dichlorobenzidine

Concen: 3.41 ng

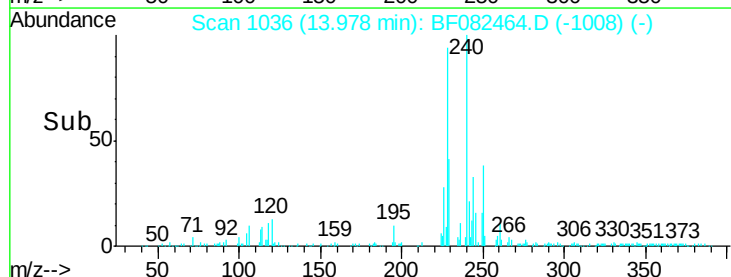
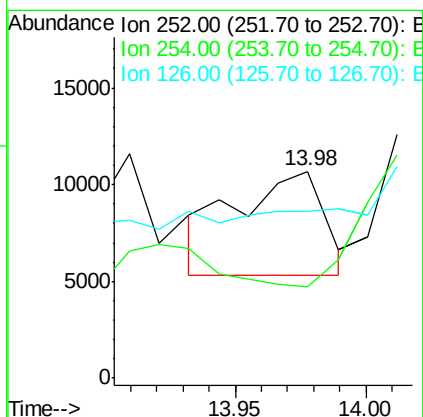
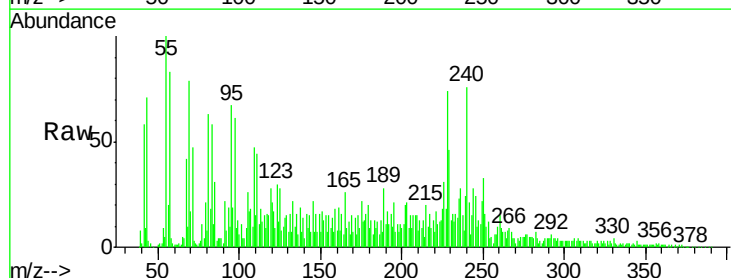
RT: 13.98 min Scan# 1036

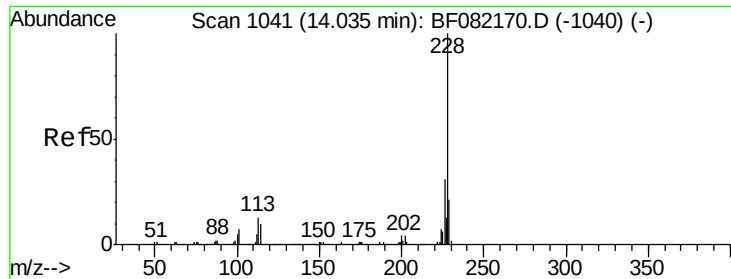
Delta R.T. 0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion:	252	Resp:	12603
Ion	Ratio	Lower	Upper
252	100		
254	44.3	50.7	76.1#
126	80.7	9.0	13.6#





#82

Chrysene

Concen: 15.14 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

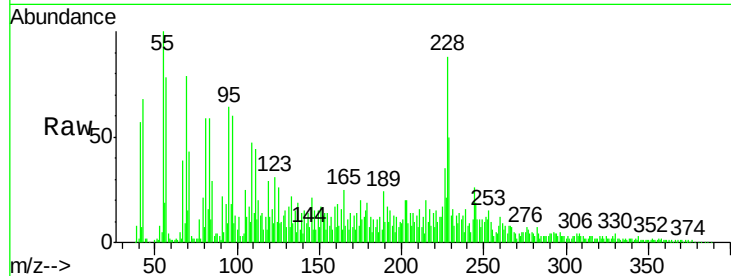
Tgt Ion:228 Resp: 155527

Ion Ratio Lower Upper

228 100

226 39.3 24.4 36.6#

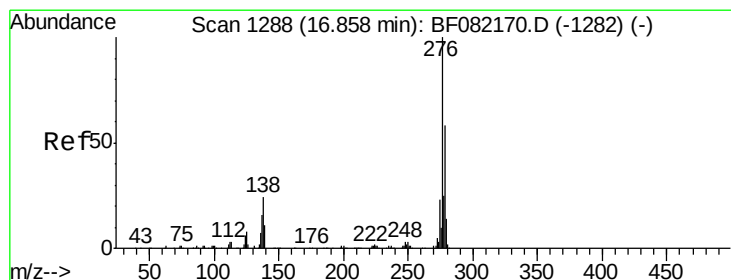
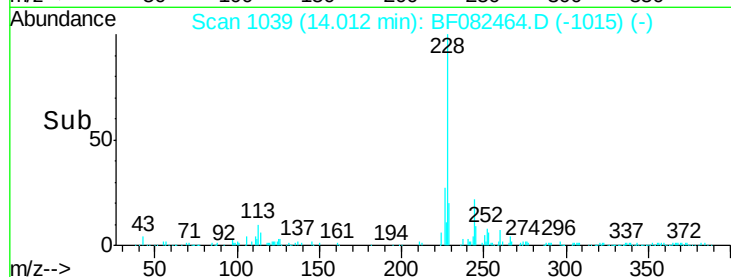
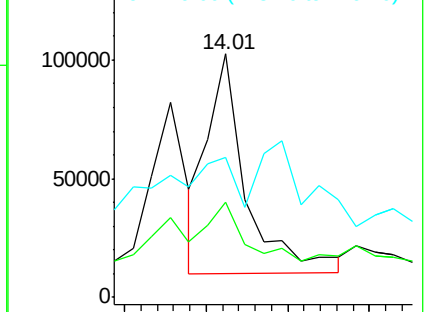
229 57.4 16.3 24.5#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.40 ng

RT: 16.86 min Scan# 1288

Delta R.T. -0.08 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

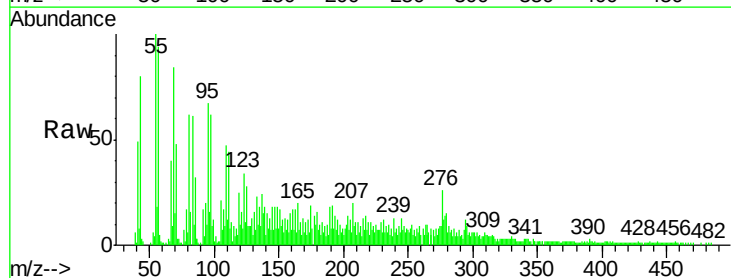
Tgt Ion:276 Resp: 19614

Ion Ratio Lower Upper

276 100

138 37.2 19.7 29.5#

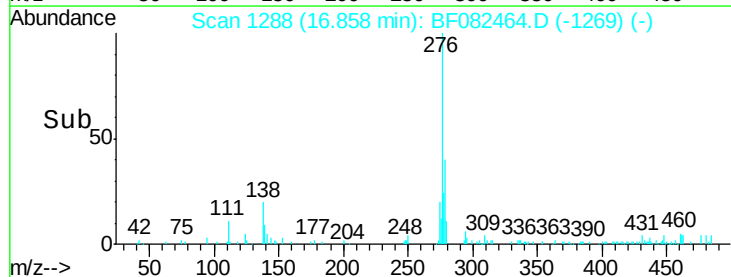
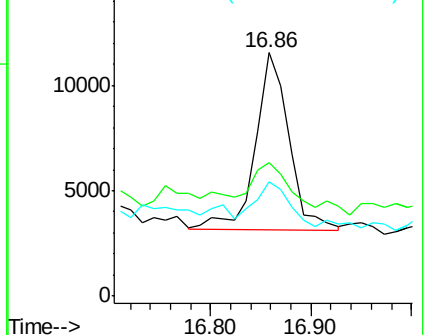
277 24.7 20.1 30.1

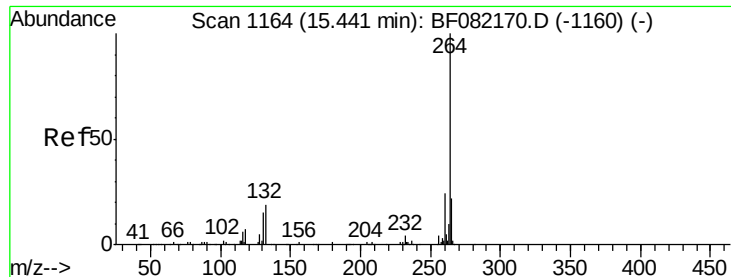


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

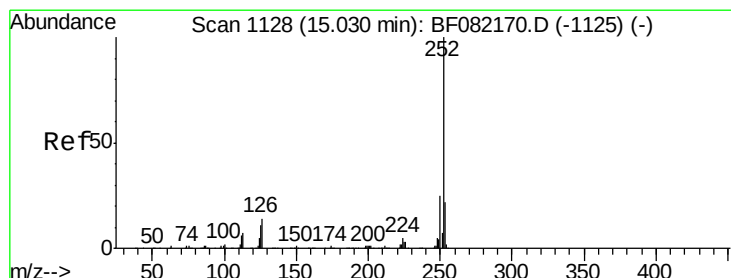
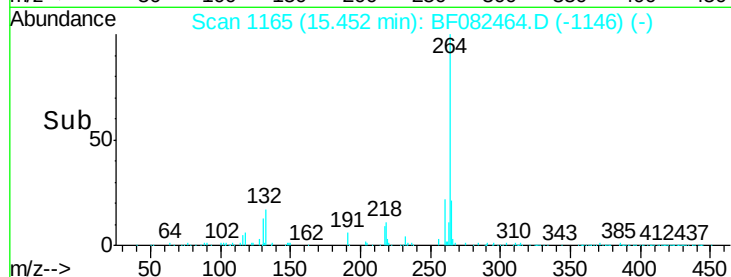
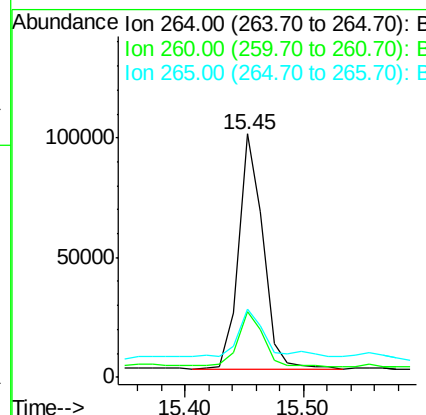
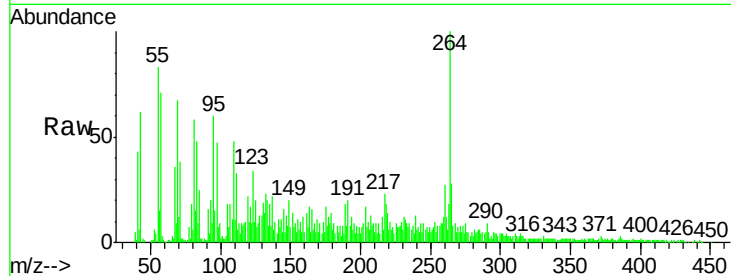




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

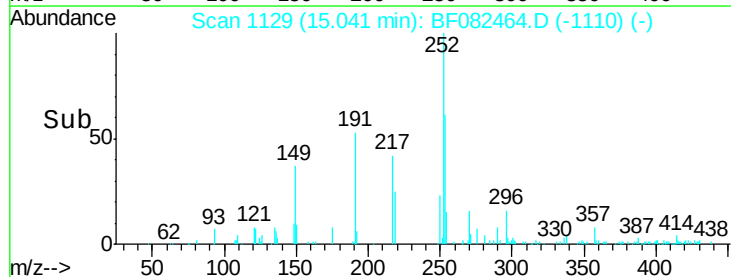
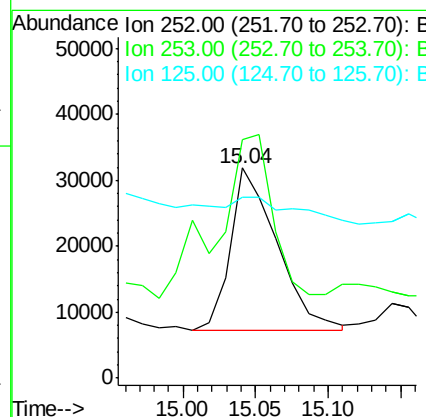
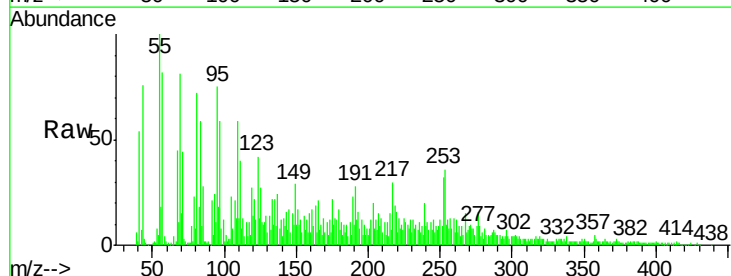
Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

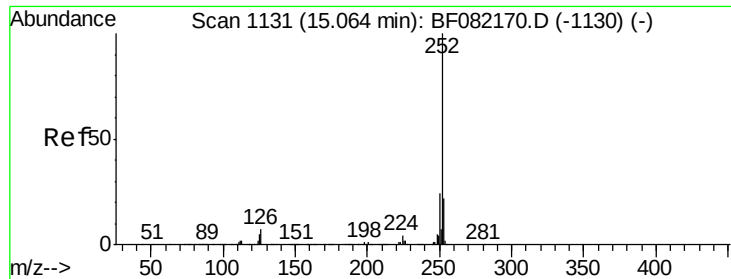
Tgt Ion: 264 Resp: 139398
Ion Ratio Lower Upper
264 100
260 27.0 19.0 28.6
265 28.3 17.3 25.9#



#87
Benzo(b)fluoranthene
Concen: 6.47 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Tgt Ion: 252 Resp: 54912
Ion Ratio Lower Upper
252 100
253 113.8 18.0 27.0#
125 86.1 8.6 12.8#

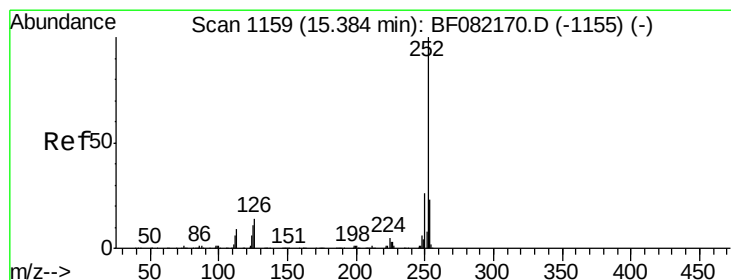
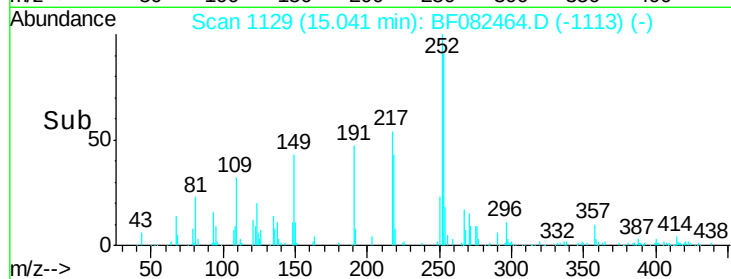
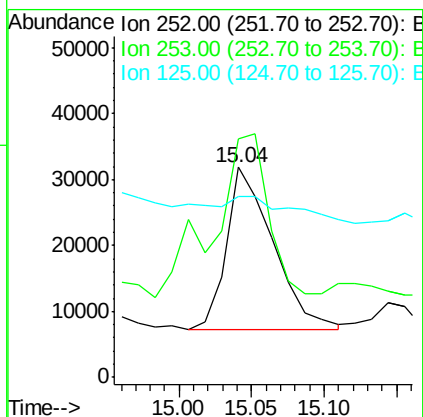
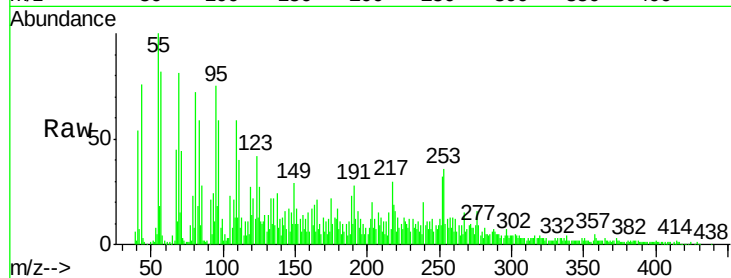




#88
Benzo(k)fluoranthene
Concen: 7.70 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.11 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

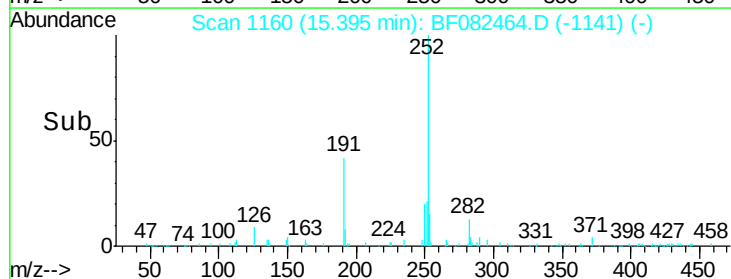
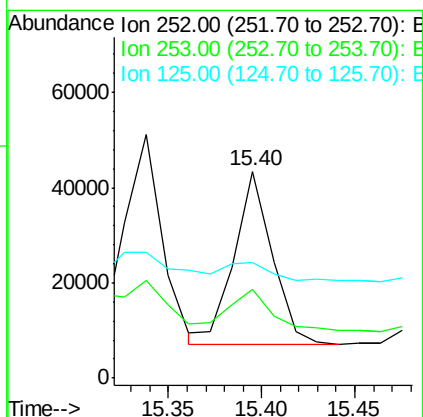
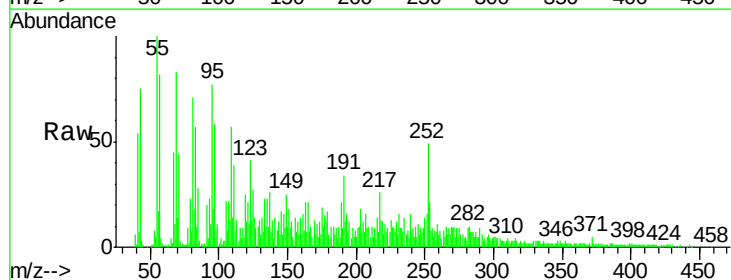
Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

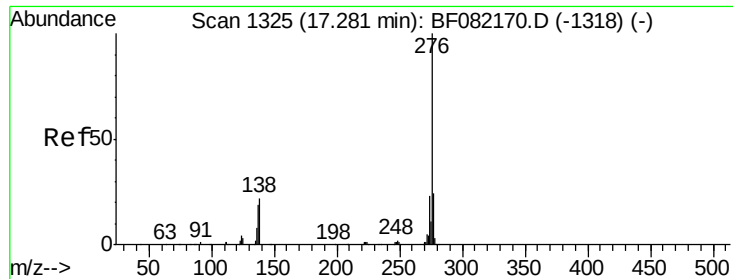
Tgt Ion:252 Resp: 54912
Ion Ratio Lower Upper
252 100
253 113.8 17.8 26.6#
125 86.1 6.7 10.1#



#89
Benzo(a)pyrene
Concen: 7.12 ng
RT: 15.40 min Scan# 1160
Delta R.T. -0.08 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Tgt Ion:252 Resp: 51928
Ion Ratio Lower Upper
252 100
253 42.9 18.2 27.2#
125 56.0 8.9 13.3#





#91

Benzo(g,h,i)perylene

Concen: 6.52 ng

RT: 17.29 min Scan# 1326

Delta R.T. -0.06 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB15-08-15.5-16

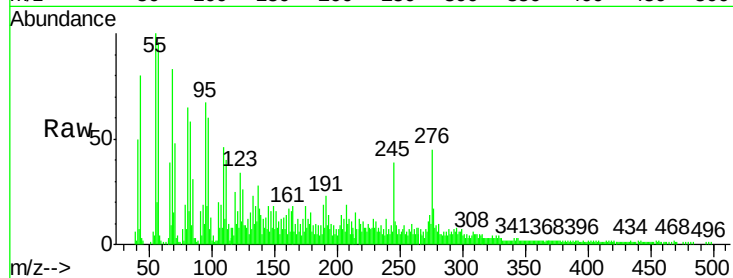
Tgt Ion: 276 Resp: 37805

Ion Ratio Lower Upper

276 100

277 37.5 18.8 28.2#

138 36.7 17.4 26.2#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

