

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081264.D
 Acq On : 28 Aug 2015 5:44
 Operator : UM/IZ
 Sample : G3430-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB5(3-4)

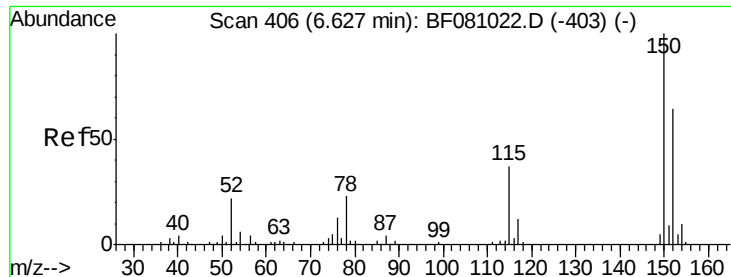
Quant Time: Aug 28 06:58:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	50209	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	197256	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	89822	20.00	ng	-0.05
63) Phenanthrene-d10	11.01	188	161334	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	102136	20.00	ng	-0.04
86) Perylene-d12	14.95	264	99957	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	452492	135.55	ng	-0.02
7) Phenol-d6	6.16	99	664407	152.55	ng	-0.04
23) Nitrobenzene-d5	7.09	82	426038	98.66	ng	-0.04
41) 2,4,6-Tribromophenol	10.32	330	104443	134.14	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	617755	90.11	ng	-0.04
78) Terphenyl-d14	12.58	244	460376	96.63	ng	-0.05

Target Compounds				Qvalue		
9) Benzaldehyde	6.27	77	12394	4.41	ng	79
15) Benzyl Alcohol	6.66	79	7570	2.15	ng	# 53
19) n-Nitroso-di-n-propylamine	7.07	70	55934	18.54	ng	# 73
31) Naphthalene	7.82	128	56249	5.12	ng	98
37) 2-Methylnaphthalene	8.50	142	17370	2.50	ng	95
49) Dimethylphthalate	9.27	163	85933	11.62	ng	99
51) Acenaphthene	9.57	154	90613	13.31	ng	100
54) Dibenzofuran	9.74	168	60028	6.58	ng	99
55) 4-Nitrophenol	9.74	139	21995	15.76	ng	# 1
57) Fluorene	10.07	166	74002	10.55	ng	95
66) 4-Bromophenyl-phenylether	10.32	248	8374	5.28	ng	# 1
70) Phenanthrene	11.03	178	889011	92.98	ng	99
71) Anthracene	11.07	178	198559	21.34	ng	99
72) Carbazole	11.23	167	152871	17.07	ng	98
73) Di-n-butylphthalate	11.59	149	221883	20.47	ng	99
74) Fluoranthene	12.22	202	1284250	124.47	ng	93
77) Pyrene	12.43	202	921943	111.04	ng	96
79) Butylbenzylphthalate	13.06	149	18789	5.26	ng	# 66
80) Benzo(a)anthracene	13.61	228	539953	78.83	ng	98
82) Chrysene	13.65	228	320032	51.84	ng	98
83) Bis(2-ethylhexyl)phthalate	13.64	149	32106	7.02	ng	100
84) Di-n-octyl phthalate	14.24	149	16761	2.41	ng	# 77
85) Indeno(1,2,3-cd)pyrene	16.12	276	257490	59.41	ng	94
87) Benzo(b)fluoranthene	14.62	252	723650	102.35	ng	# 94
88) Benzo(k)fluoranthene	14.62	252	723650	109.84	ng	97
89) Benzo(a)pyrene	14.90	252	367269	59.62	ng	# 91
90) Dibenzo(a,h)anthracene	16.13	278	84797	17.66	ng	96
91) Benzo(g,h,i)perylene	16.46	276	218036	44.77	ng	# 88

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

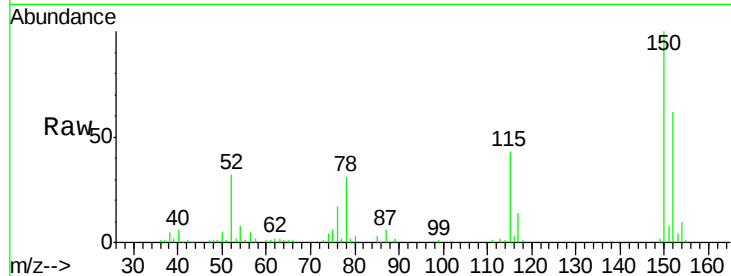


#1

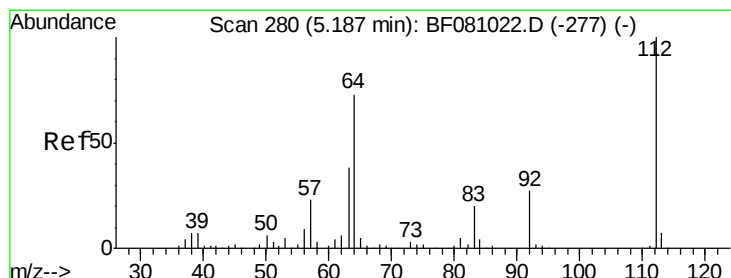
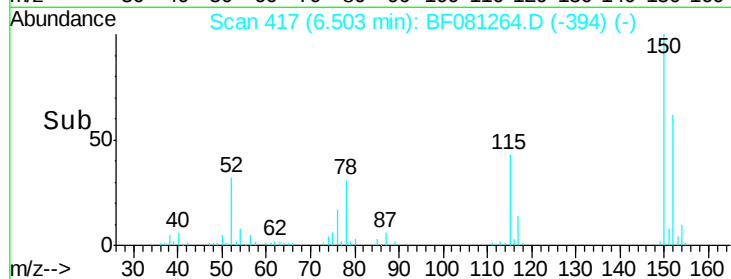
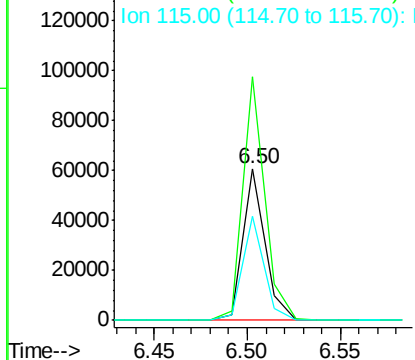
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Instrument :
BNA_F
ClientSampleId :
SB5(3-4)

Tgt Ion:152 Resp: 50209
Ion Ratio Lower Upper
152 100
150 160.7 123.8 185.6
115 68.6 52.1 78.1



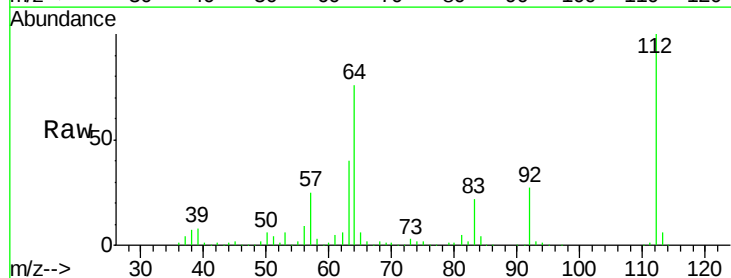
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



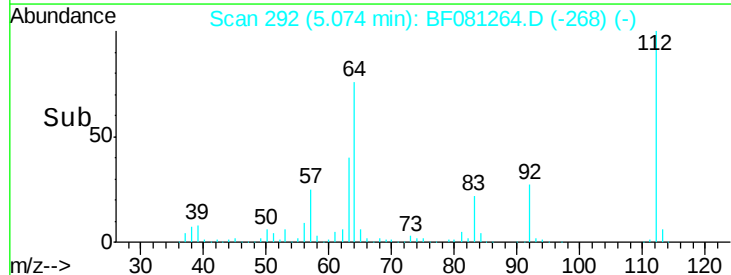
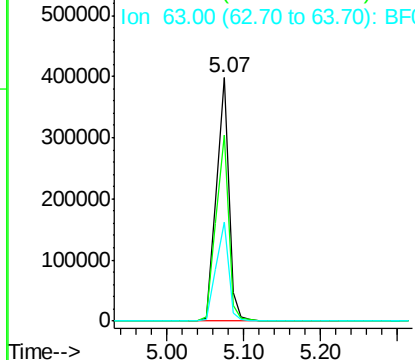
#5

2-Fluorophenol
Concen: 135.55 ng
RT: 5.07 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Tgt Ion:112 Resp: 452492
Ion Ratio Lower Upper
112 100
64 76.3 66.9 100.3
63 40.5 38.1 57.1



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





#7

Phenol-d6

Concen: 152.55 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampled :

SB5(3-4)

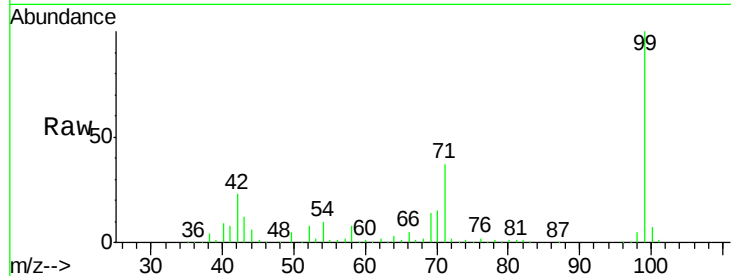
Tgt Ion: 99 Resp: 664407

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

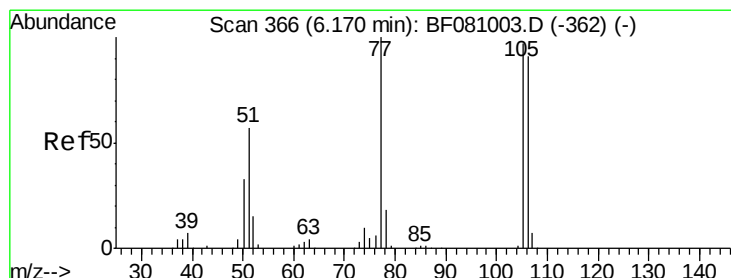
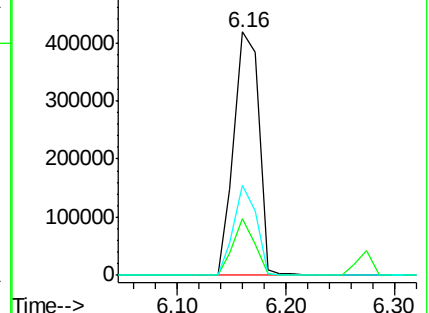
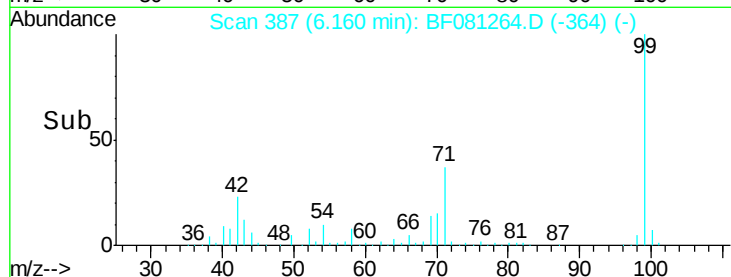
71 36.9 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.41 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.19 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

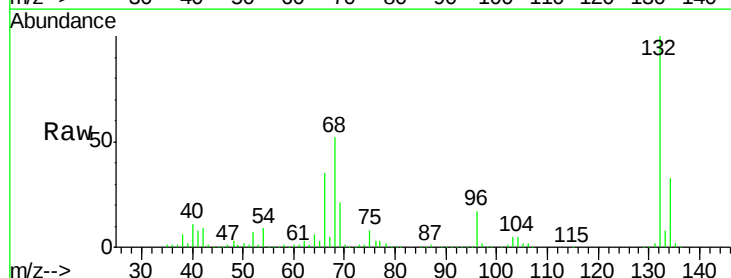
Tgt Ion: 77 Resp: 12394

Ion Ratio Lower Upper

77 100

105 70.4 69.6 109.6

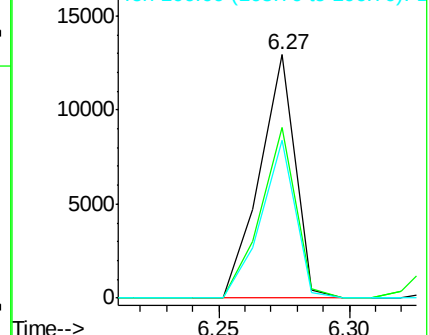
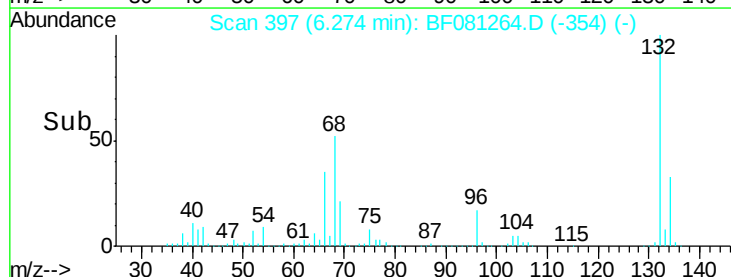
106 64.7 64.0 104.0

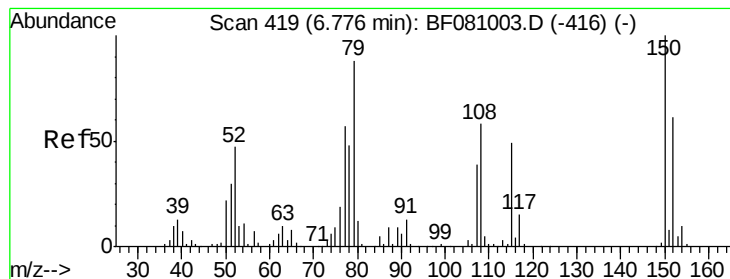


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.66 min Scan# 431

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

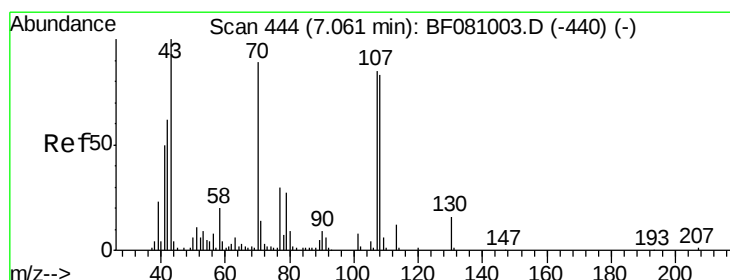
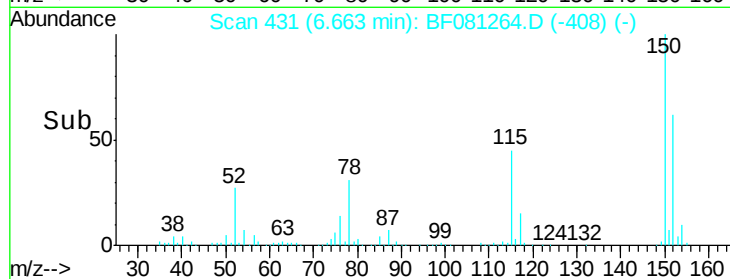
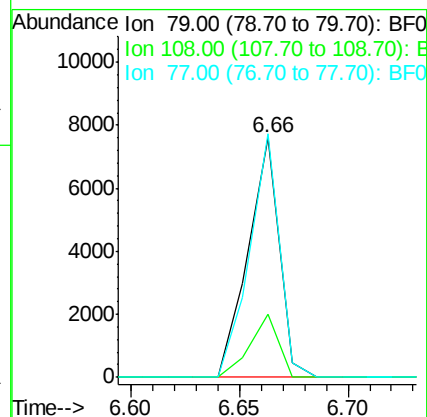
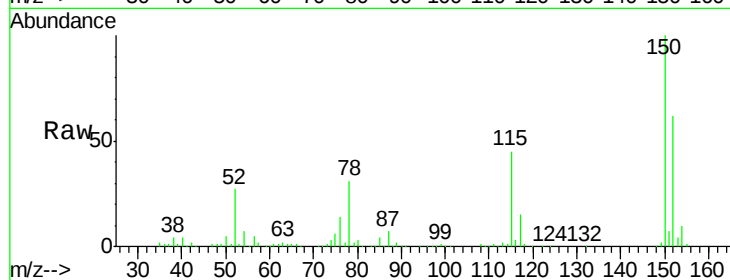
Tgt Ion: 79 Resp: 7570

Ion Ratio Lower Upper

79 100

108 26.2 49.4 74.2#

77 101.7 51.4 77.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.54 ng

RT: 7.07 min Scan# 467

Delta R.T. 0.09 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Tgt Ion: 70 Resp: 55934

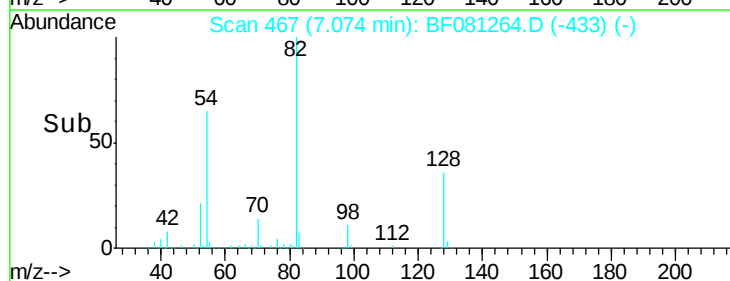
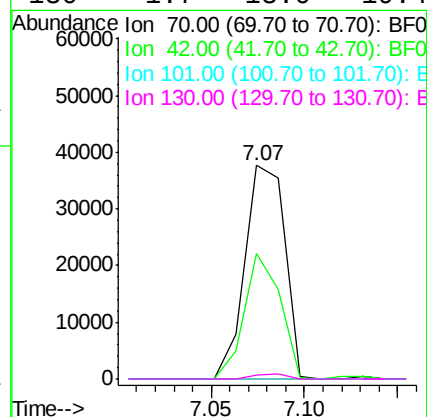
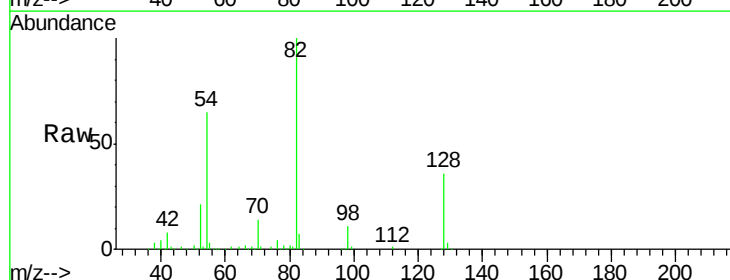
Ion Ratio Lower Upper

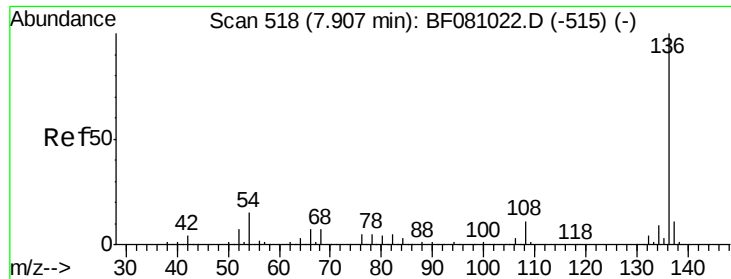
70 100

42 58.5 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

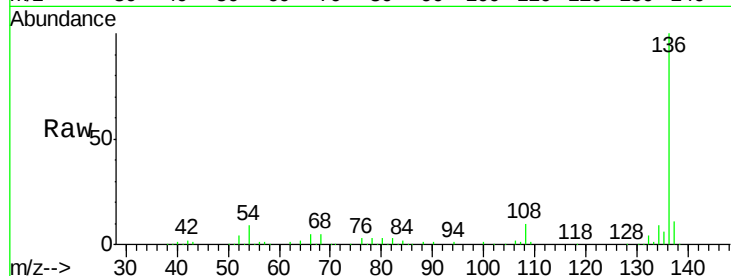




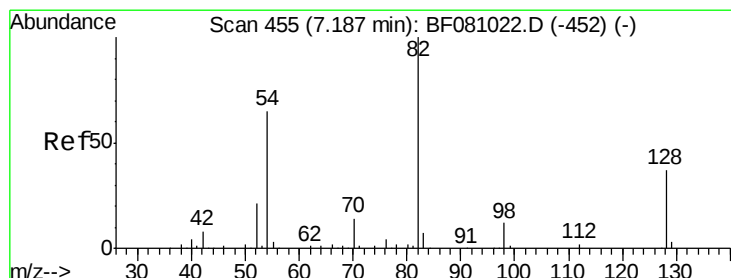
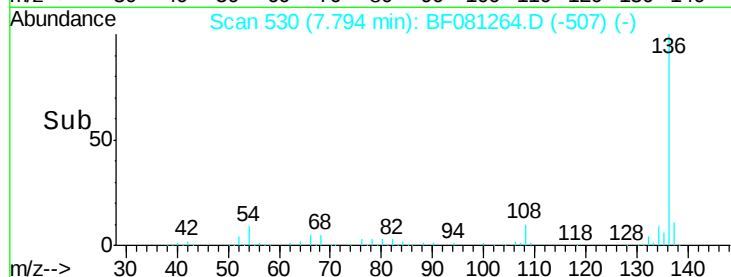
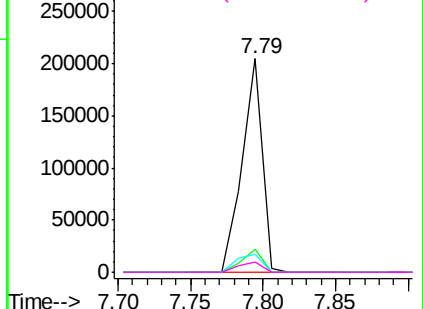
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Instrument :
BNA_F
ClientSampleId :
SB5(3-4)

Tgt Ion:	136	Resp:	197256
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	8.6	7.7	11.5
68	4.6	3.4	5.2

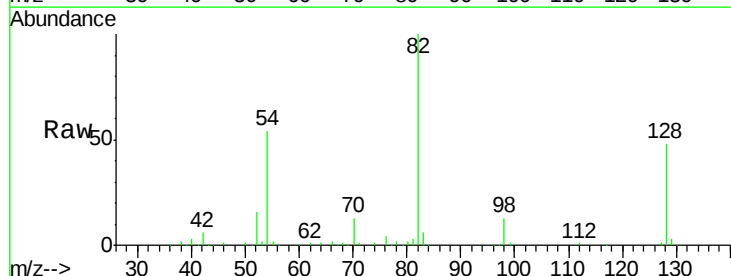


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

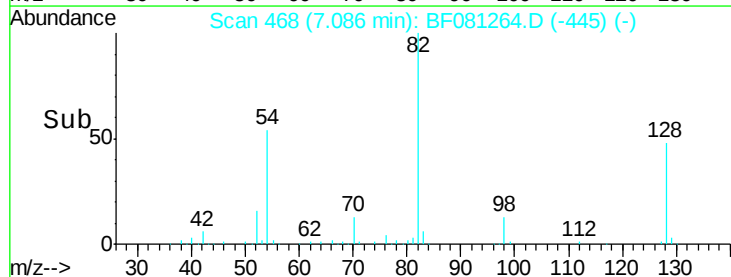
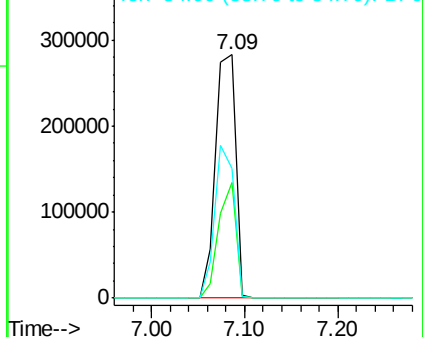


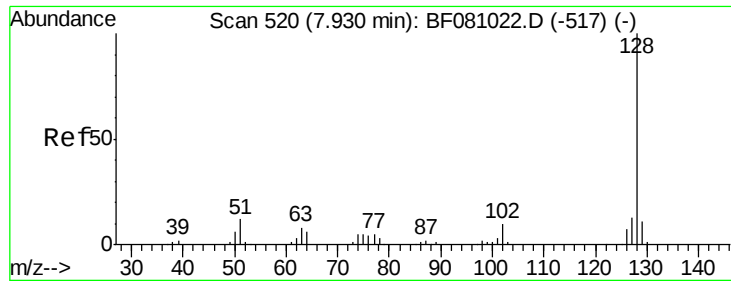
#23
Nitrobenzene-d5
Concen: 98.66 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Tgt Ion:	82	Resp:	426038
Ion	Ratio	Lower	Upper
82	100		
128	47.6	28.6	42.8#
54	53.5	55.1	82.7#



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

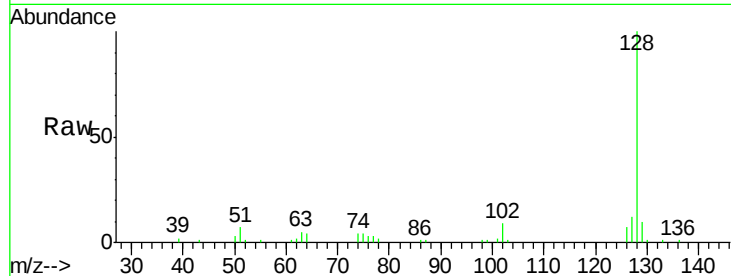




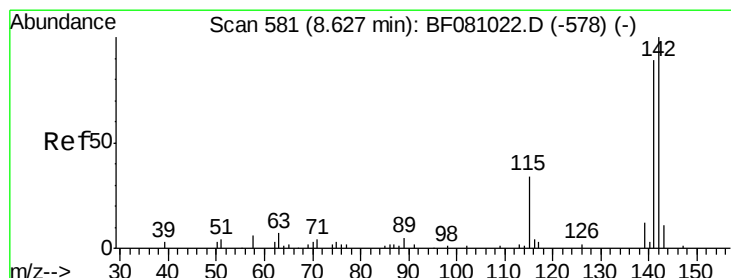
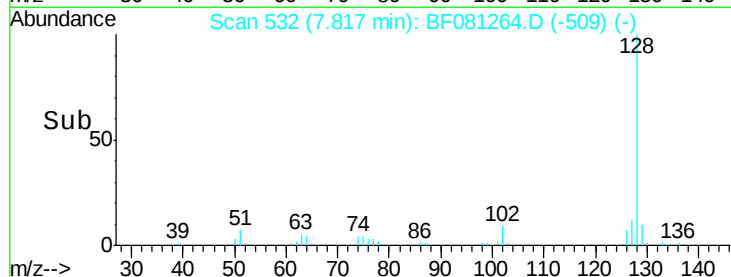
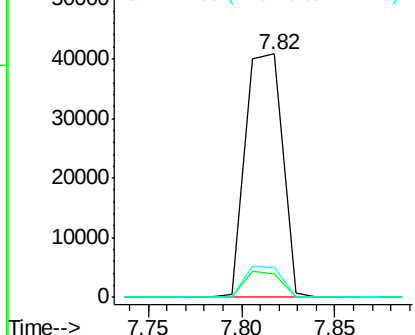
#31
Naphthalene
Concen: 5.12 ng
RT: 7.82 min Scan# 532
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Instrument :
BNA_F
ClientSampleId :
SB5(3-4)

Tgt Ion:128 Resp: 56249
Ion Ratio Lower Upper
128 100
129 9.7 8.4 12.6
127 12.4 10.6 16.0

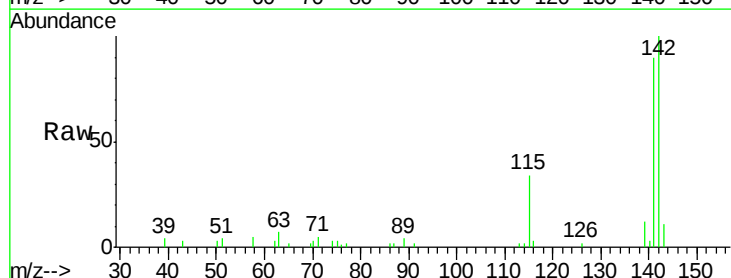


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

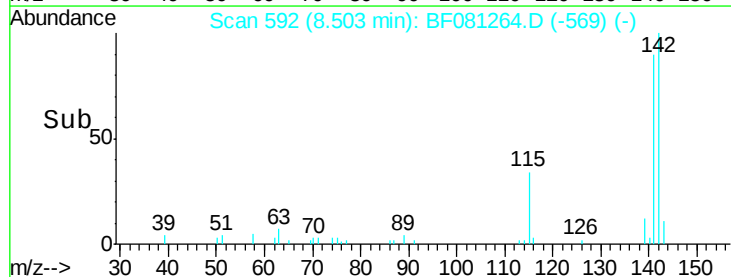
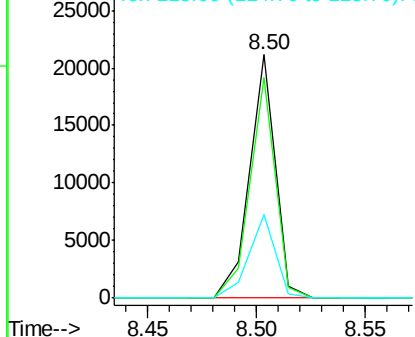


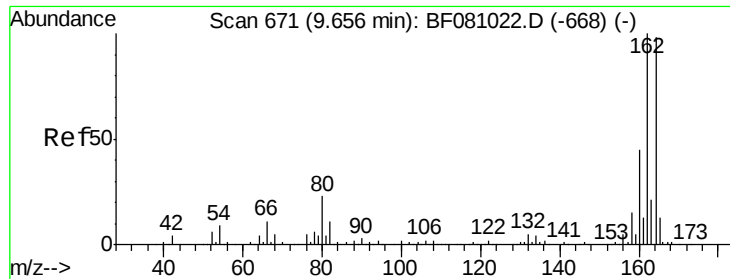
#37
2-Methylnaphthalene
Concen: 2.50 ng
RT: 8.50 min Scan# 592
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Tgt Ion:142 Resp: 17370
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.2
115 34.3 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

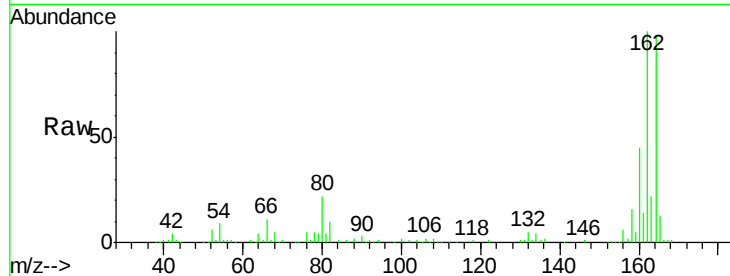
Tgt Ion:164 Resp: 89822

Ion Ratio Lower Upper

164 100

162 102.2 83.8 125.8

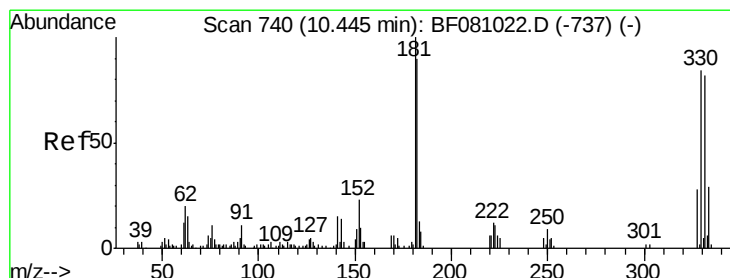
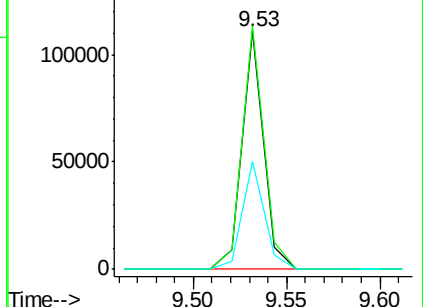
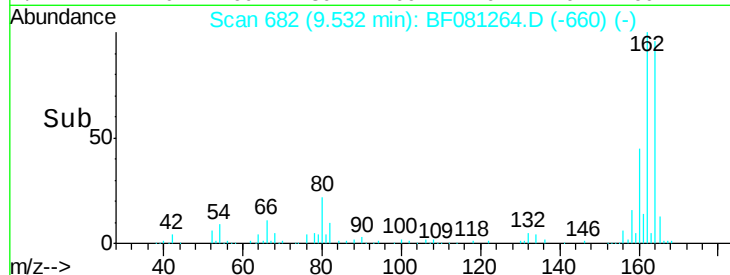
160 45.6 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 134.14 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

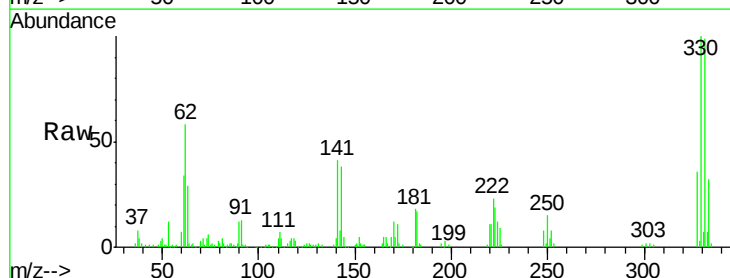
Tgt Ion:330 Resp: 104443

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

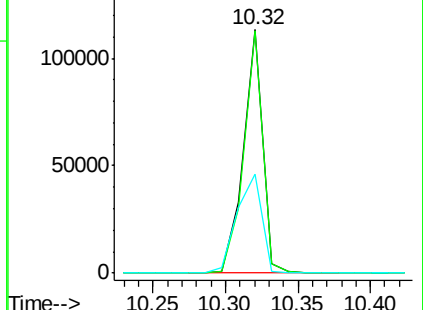
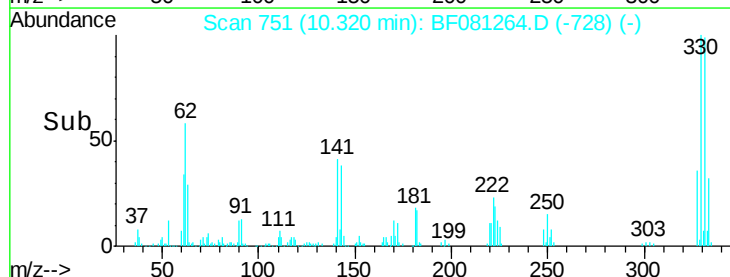
141 52.7 44.9 67.3

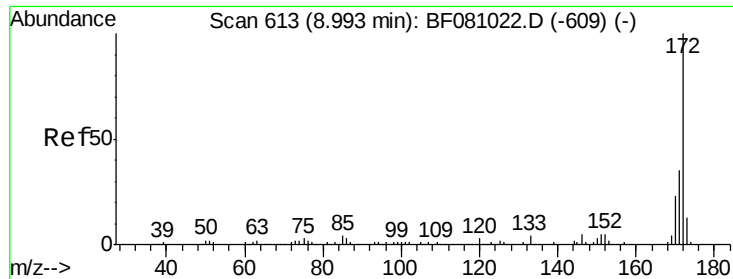


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

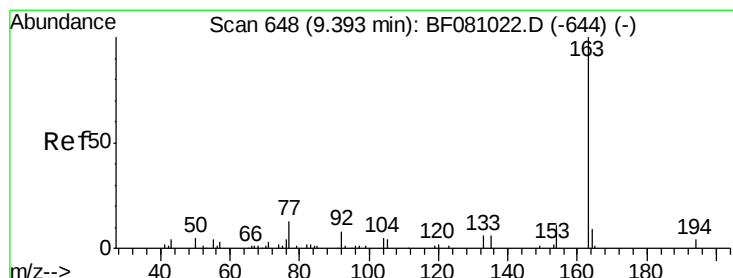
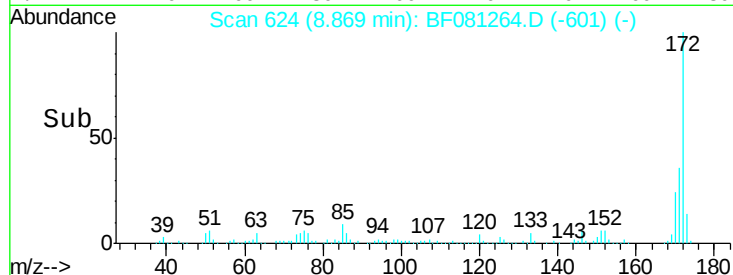
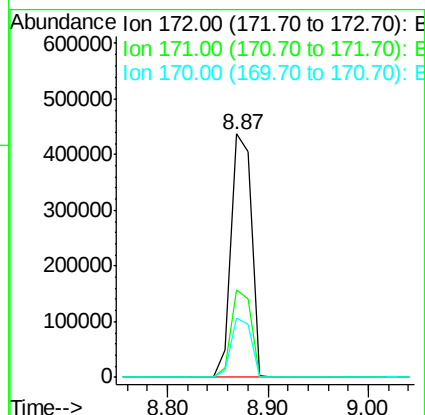
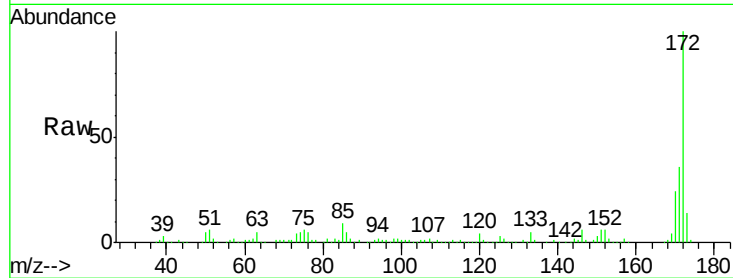




#44
2-Fluorobiphenyl
Concen: 90.11 ng
RT: 8.87 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

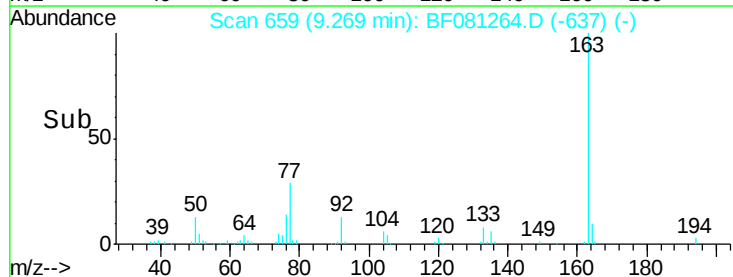
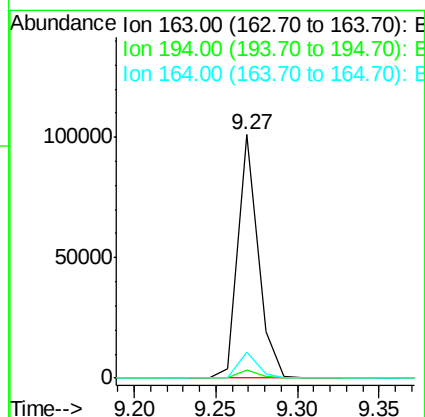
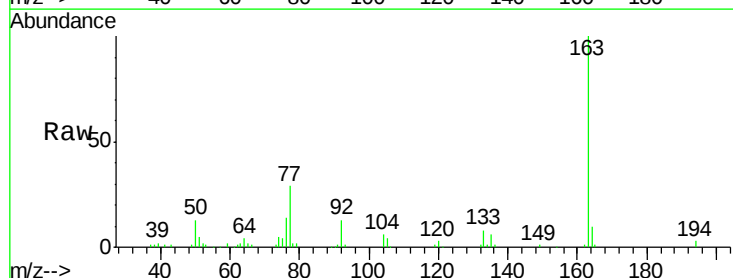
Instrument :
BNA_F
ClientSampleId :
SB5(3-4)

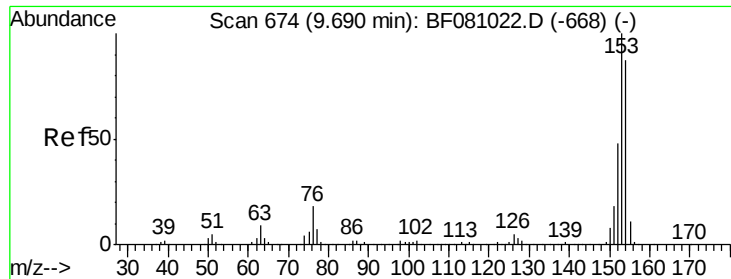
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.4	19.4	29.2



#49
Dimethylphthalate
Concen: 11.62 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.5	3.7
164	10.5	8.1	12.1





#51

Acenaphthene

Concen: 13.31 ng

RT: 9.57 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

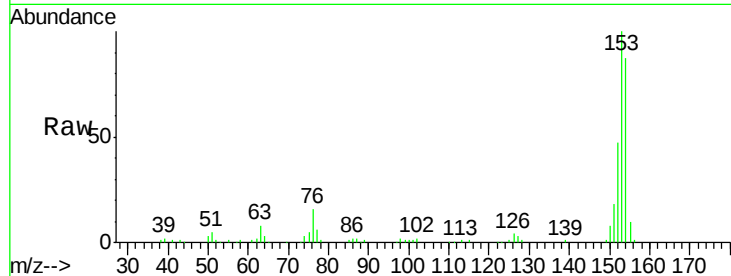
Tgt Ion:154 Resp: 90613

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

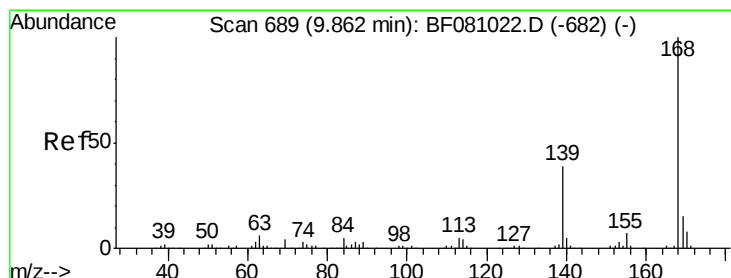
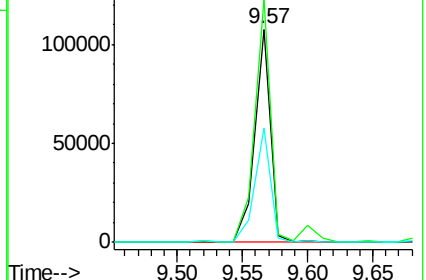
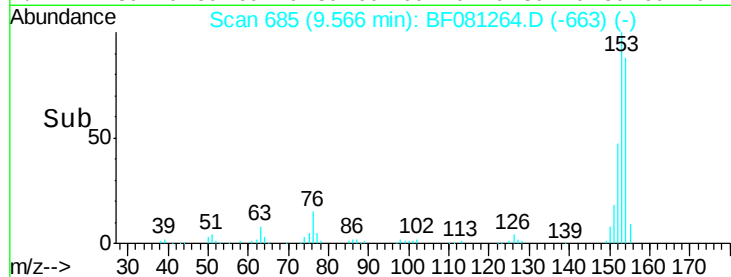
152 53.7 43.7 65.5



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



#54

Dibenzofuran

Concen: 6.58 ng

RT: 9.74 min Scan# 700

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

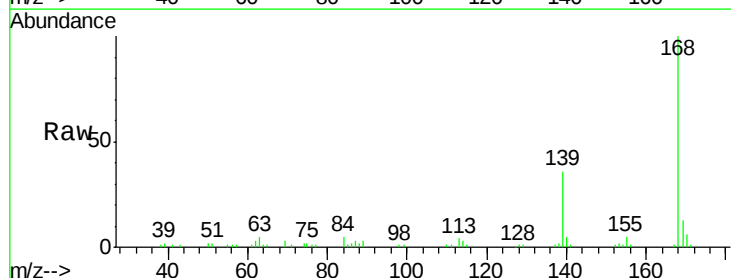
Tgt Ion:168 Resp: 60028

Ion Ratio Lower Upper

168 100

139 36.2 29.3 43.9

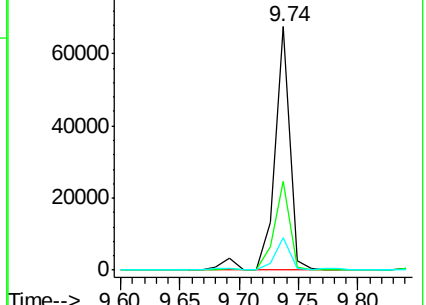
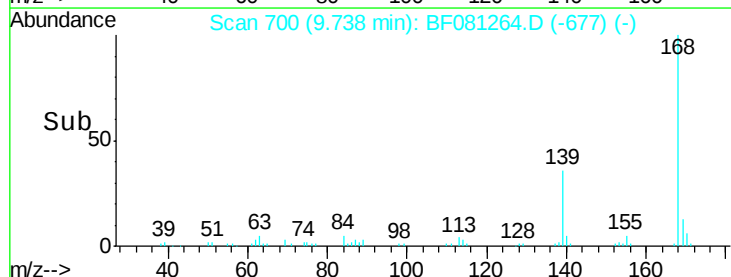
169 13.4 10.3 15.5

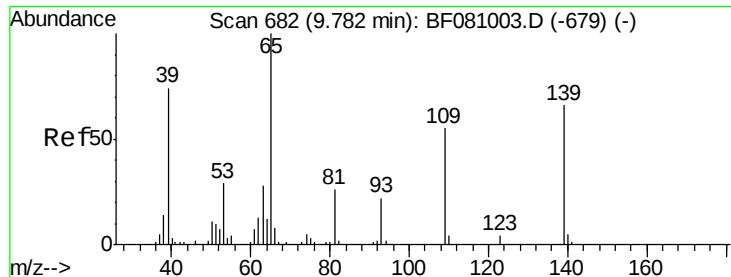


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 15.76 ng

RT: 9.74 min Scan# 700

Delta R.T. 0.02 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

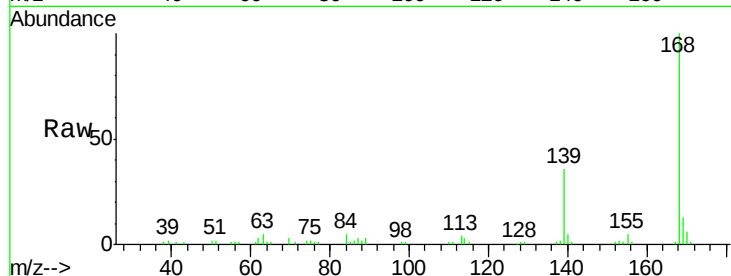
Tgt Ion:139 Resp: 21995

Ion Ratio Lower Upper

139 100

109 0.0 80.0 120.0#

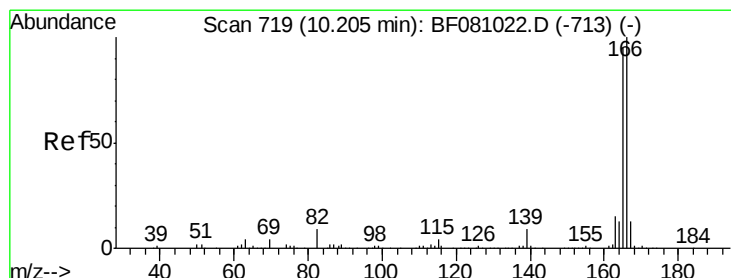
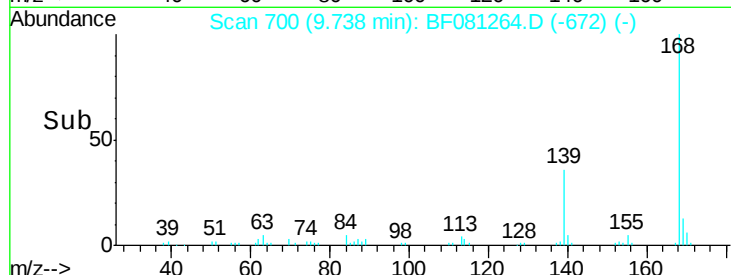
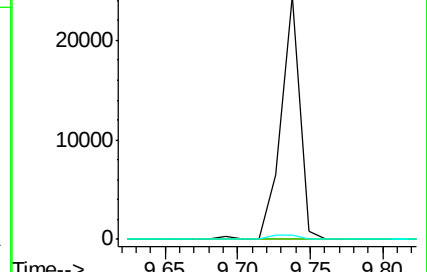
65 1.9 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#57

Fluorene

Concen: 10.55 ng

RT: 10.07 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

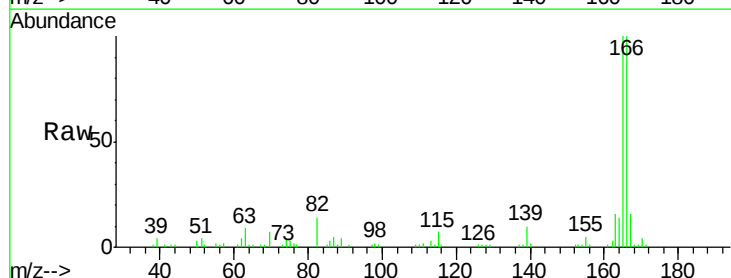
Tgt Ion:166 Resp: 74002

Ion Ratio Lower Upper

166 100

165 99.5 75.8 113.8

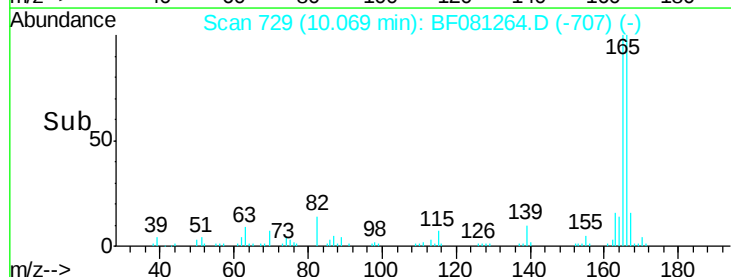
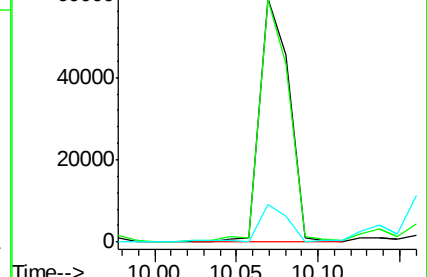
167 15.6 11.3 16.9

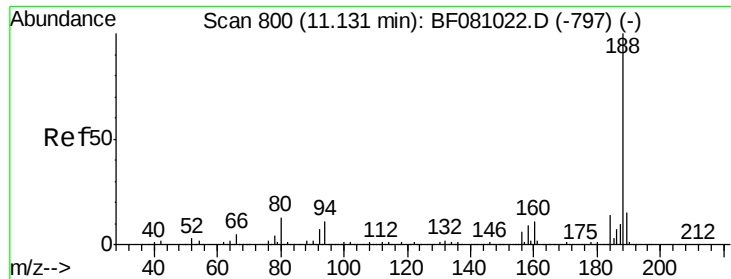


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

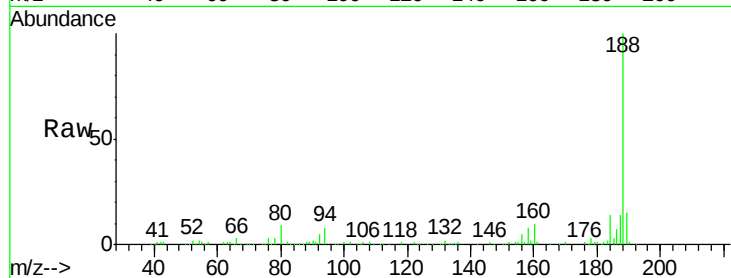




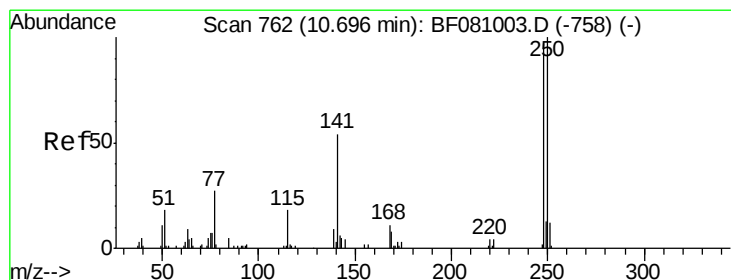
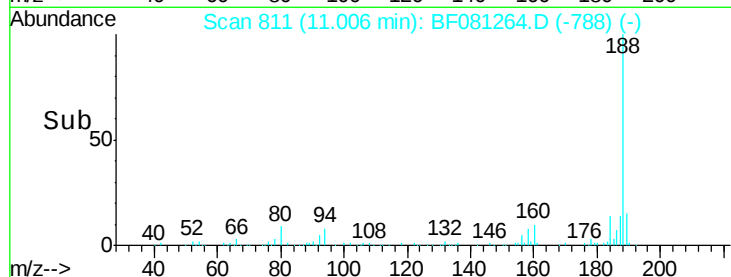
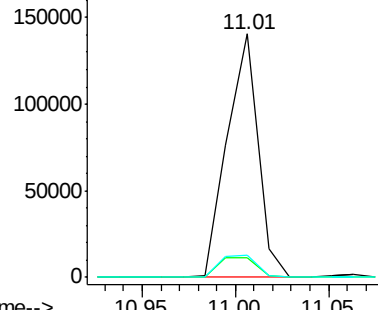
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BF081264.D
 Acq: 28 Aug 2015 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SB5(3-4)

Tgt Ion:188 Resp: 161334
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.2 12.2#
 80 9.1 9.5 14.3#

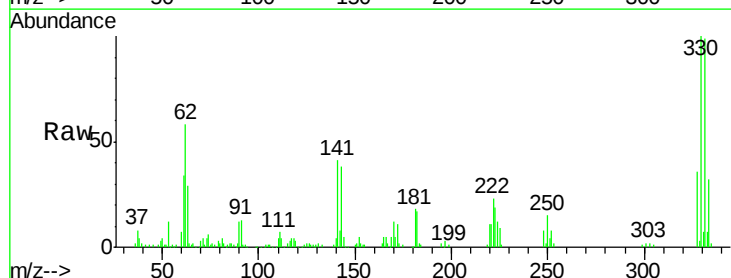


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

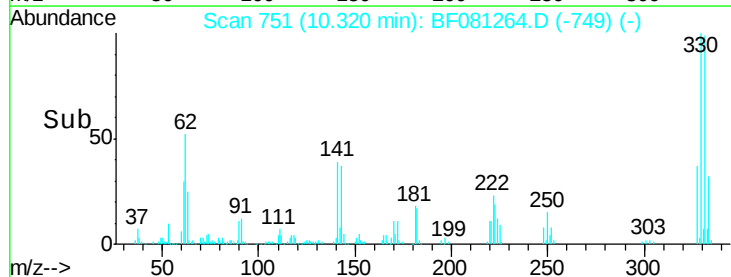
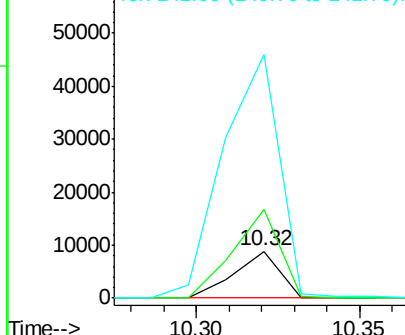


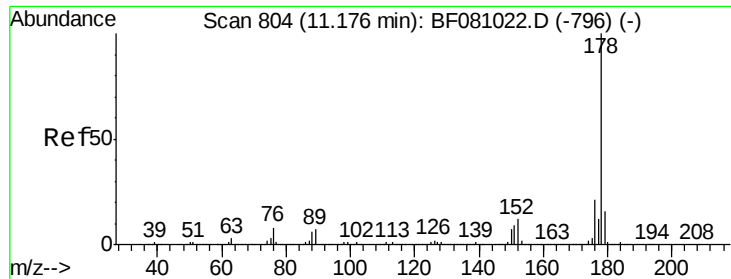
#66
 4-Bromophenyl-phenylether
 Concen: 5.28 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.28 min
 Lab File: BF081264.D
 Acq: 28 Aug 2015 5:44

Tgt Ion:248 Resp: 8374
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.8 116.6#
 141 523.7 39.8 59.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 92.98 ng

RT: 11.03 min Scan# 813

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

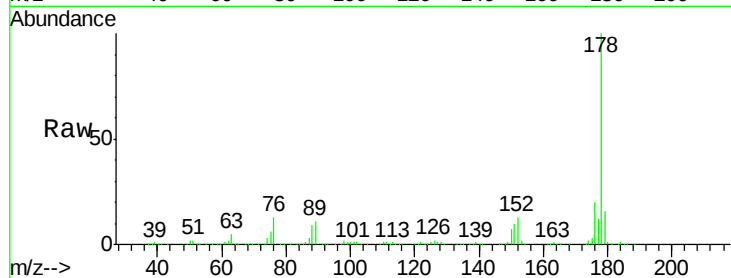
Tgt Ion:178 Resp: 889011

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

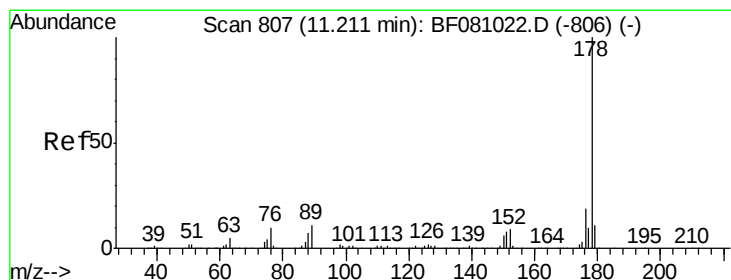
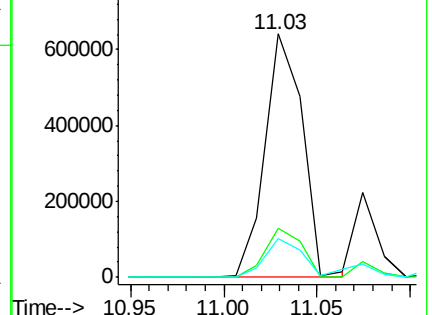
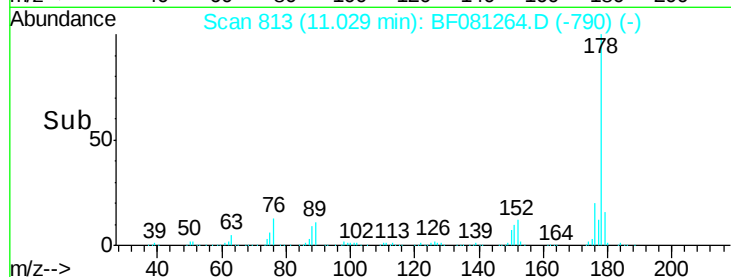
179 15.9 12.2 18.2



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: 21.34 ng

RT: 11.07 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

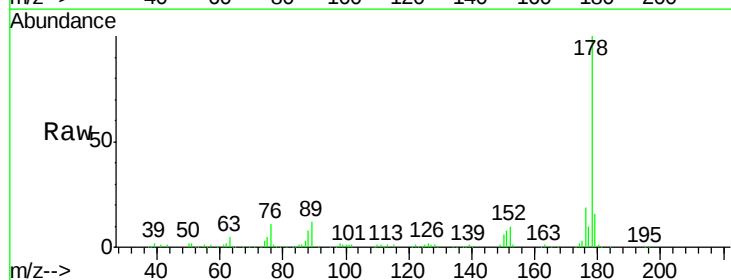
Tgt Ion:178 Resp: 198559

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

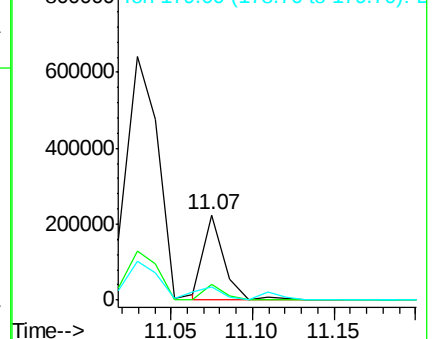
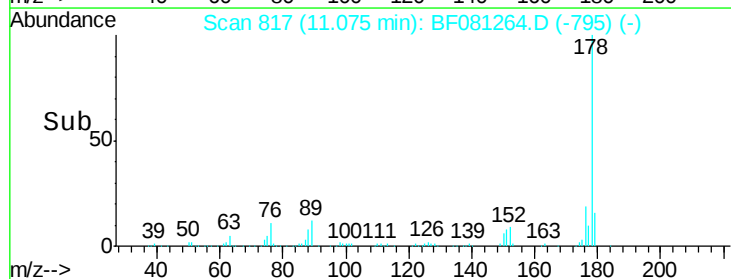
179 15.9 12.7 19.1

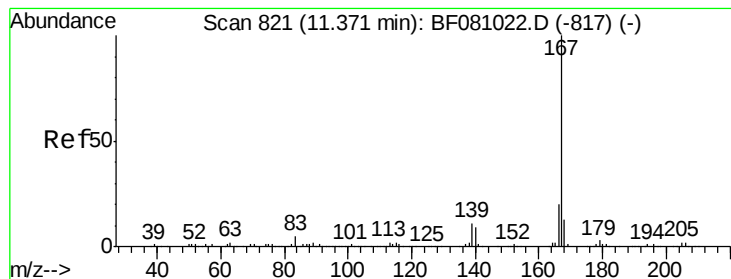


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 17.07 ng

RT: 11.23 min Scan# 831

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

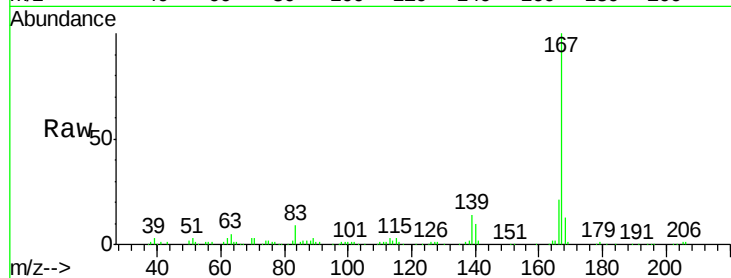
Tgt Ion:167 Resp: 152871

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

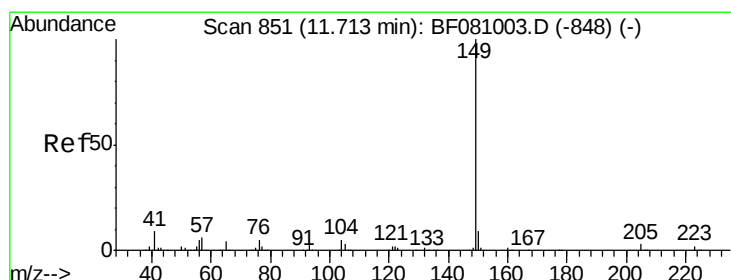
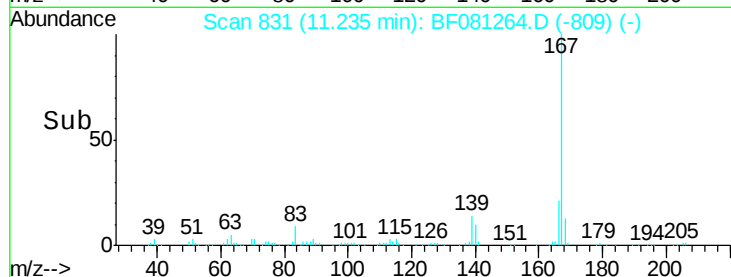
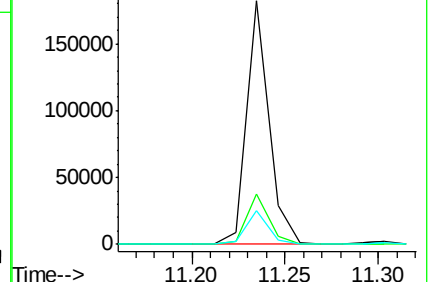
139 14.1 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.47 ng

RT: 11.59 min Scan# 862

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

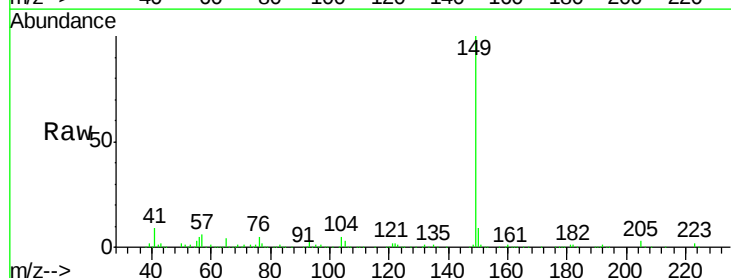
Tgt Ion:149 Resp: 221883

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

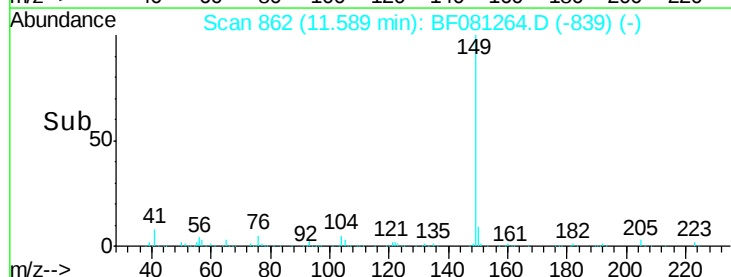
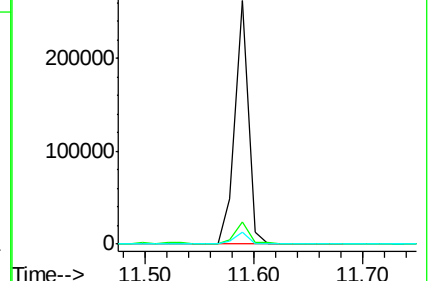
104 4.8 3.9 5.9

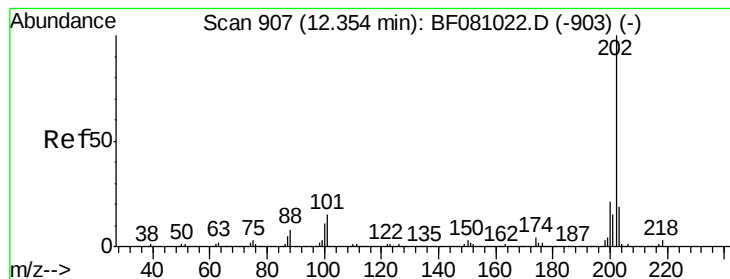


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 124.47 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

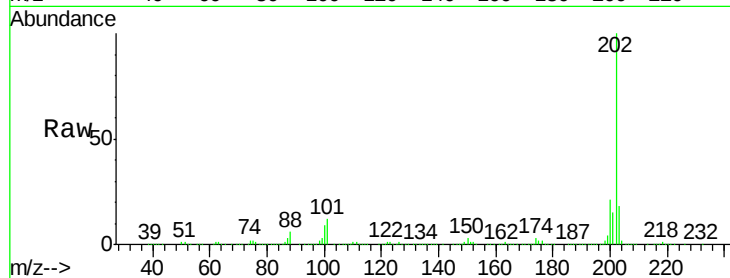
Tgt Ion:202 Resp: 1284250

Ion Ratio Lower Upper

202 100

101 11.9 0.0 24.8

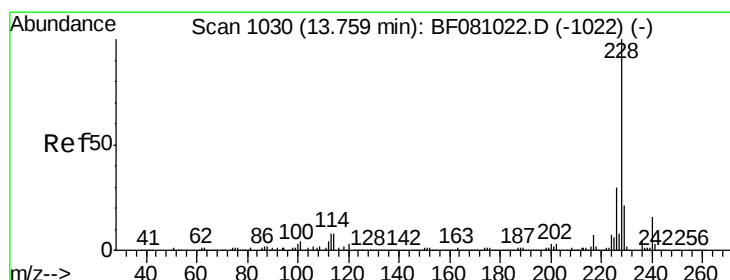
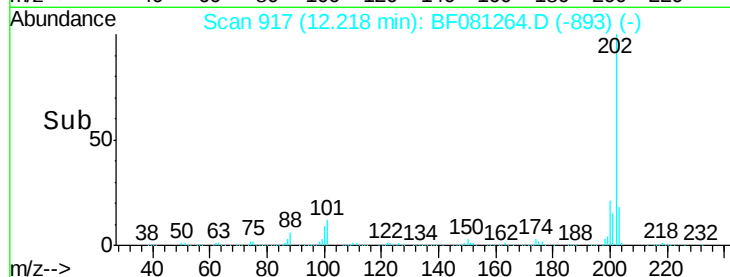
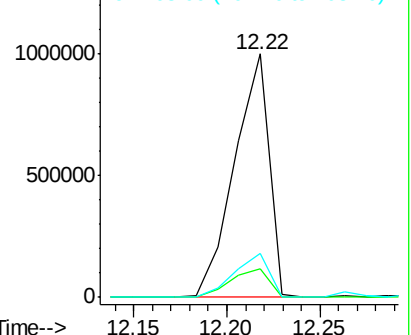
203 18.2 0.0 36.9



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: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

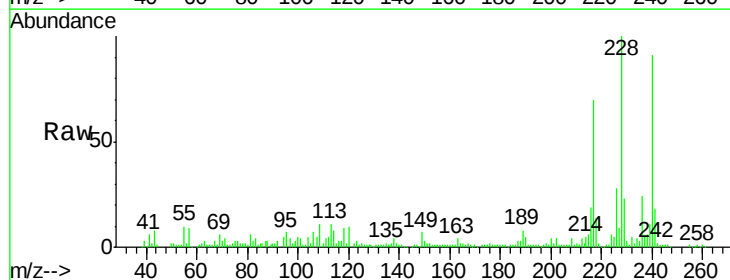
Tgt Ion:240 Resp: 102136

Ion Ratio Lower Upper

240 100

120 11.1 5.6 8.4#

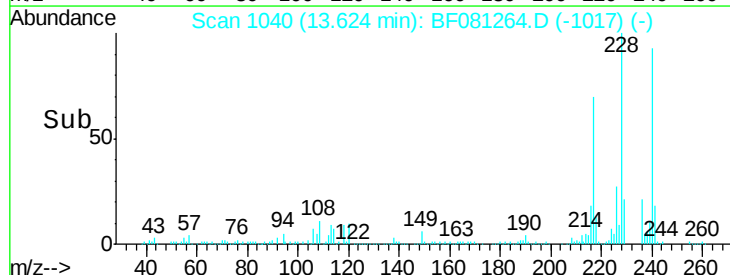
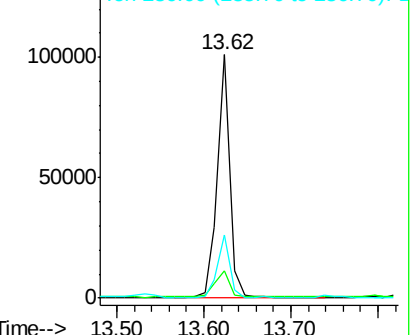
236 26.0 20.6 30.8

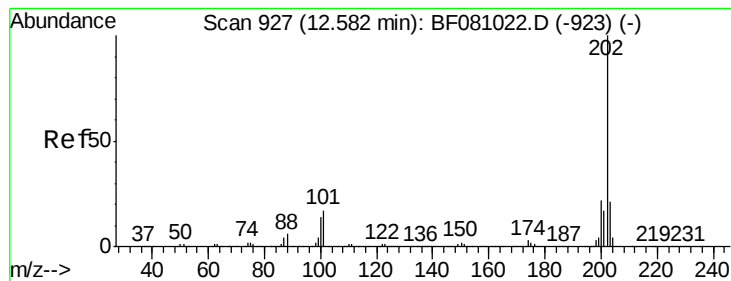


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 111.04 ng

RT: 12.43 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

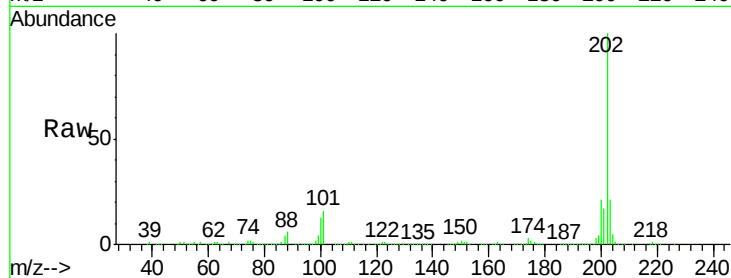
Tgt Ion: 202 Resp: 921943

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

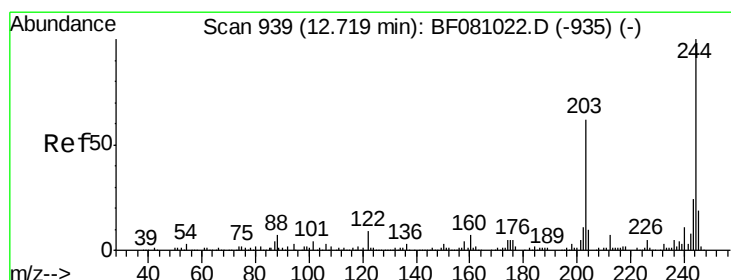
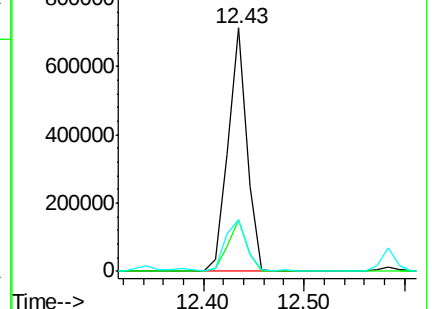
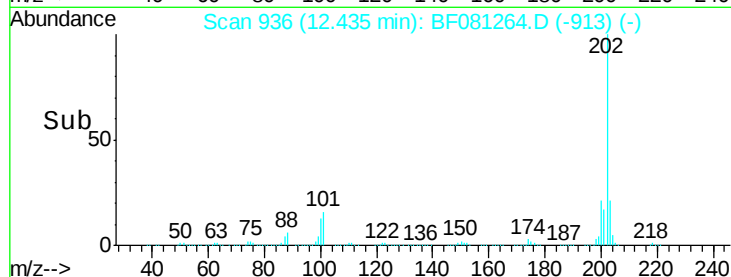
203 21.0 14.1 21.1



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: 96.63 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

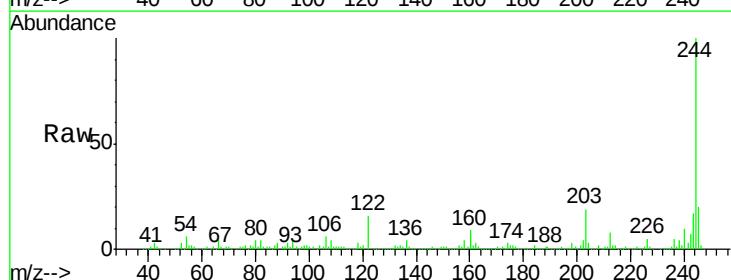
Tgt Ion: 244 Resp: 460376

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

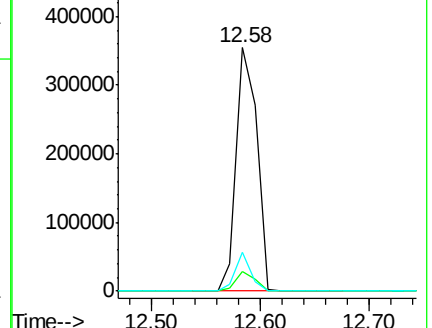
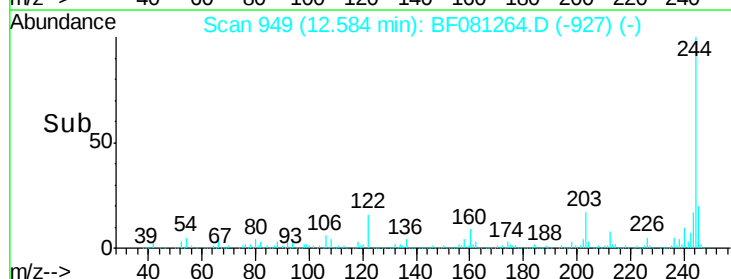
122 15.8 8.2 12.4#

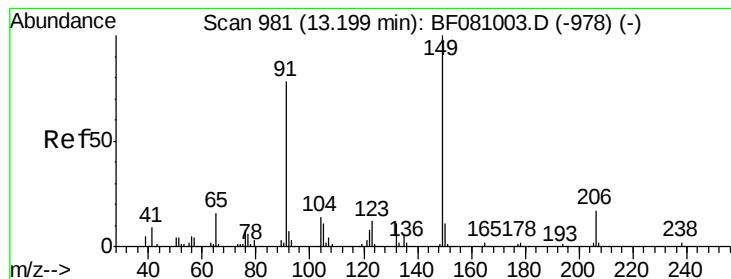


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 5.26 ng

RT: 13.06 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampled :

SB5(3-4)

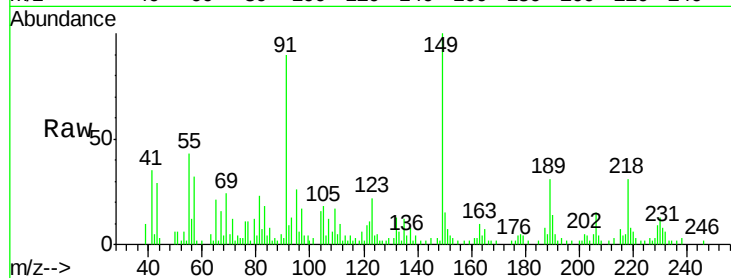
Tgt Ion:149 Resp: 18789

Ion Ratio Lower Upper

149 100

91 90.0 46.9 70.3#

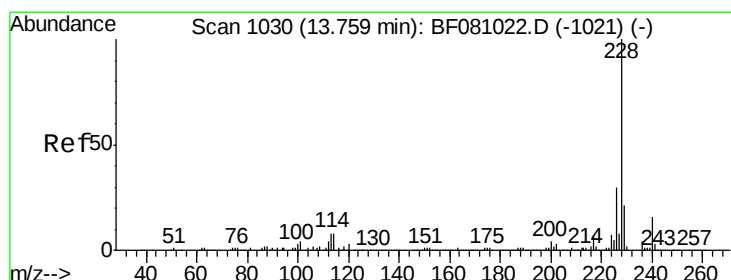
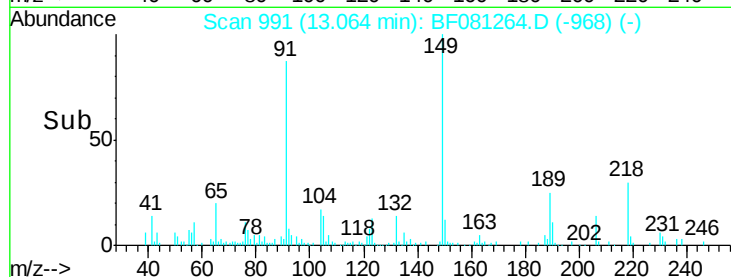
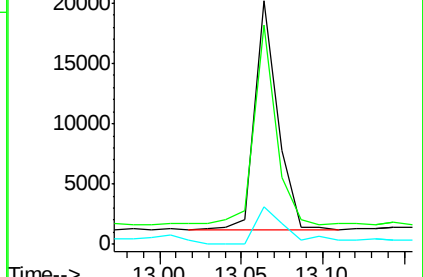
206 15.4 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 78.83 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

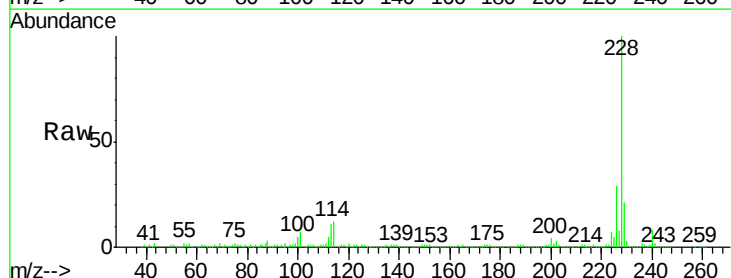
Tgt Ion:228 Resp: 539953

Ion Ratio Lower Upper

228 100

226 29.0 22.3 33.5

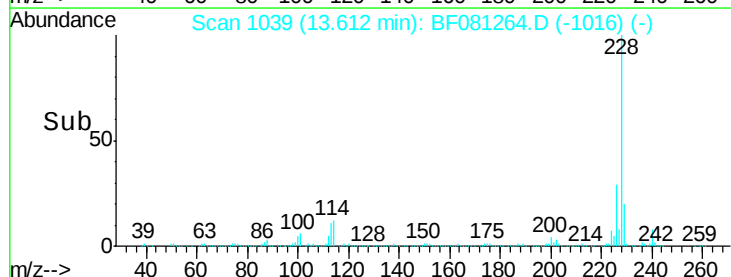
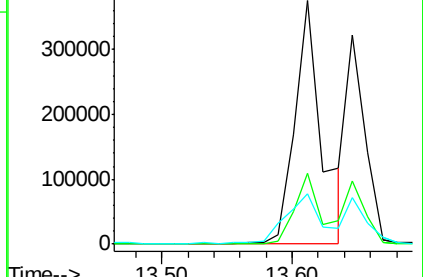
229 20.8 15.9 23.9

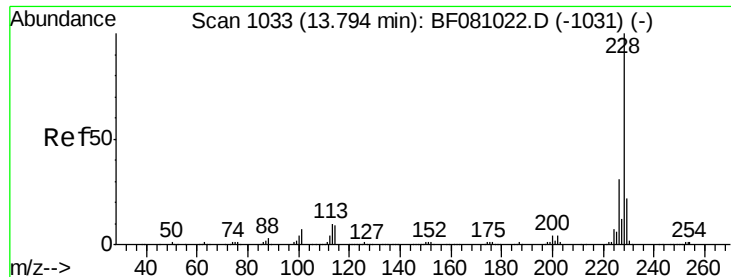


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 51.84 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

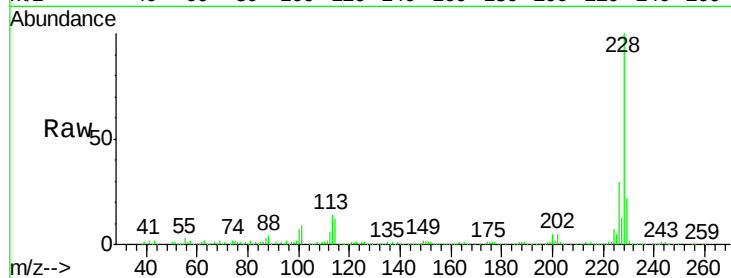
Tgt Ion:228 Resp: 320032

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

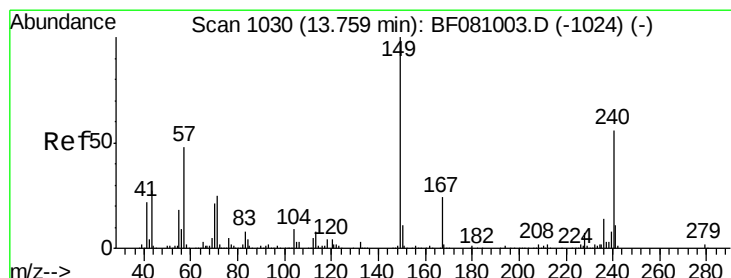
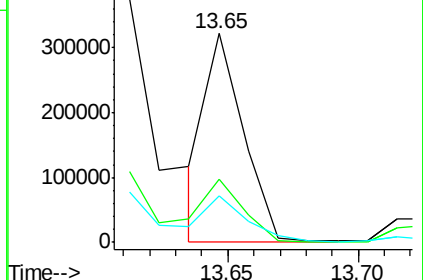
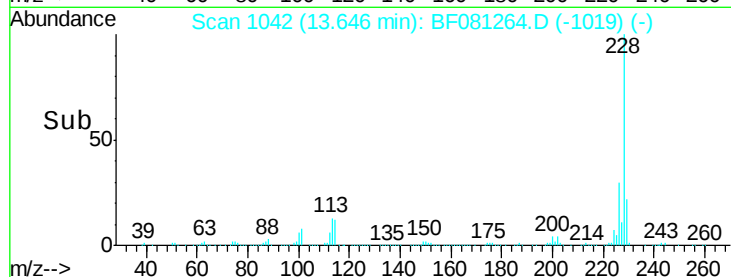
229 22.4 16.0 24.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.02 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

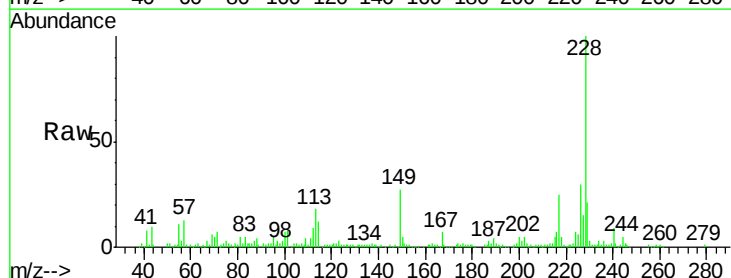
Tgt Ion:149 Resp: 32106

Ion Ratio Lower Upper

149 100

167 25.9 20.7 31.1

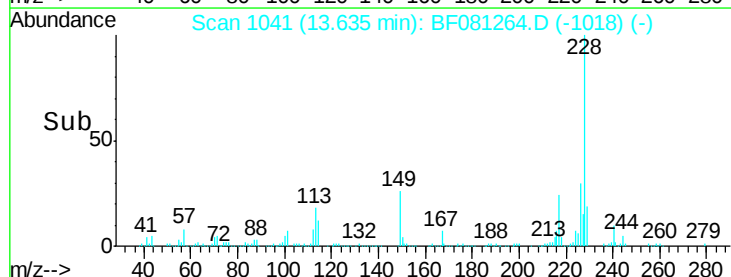
279 2.5 2.2 3.4



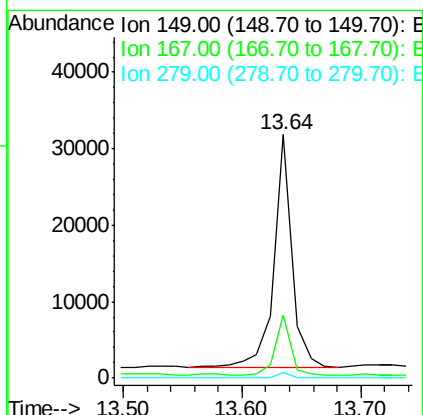
Abundance Ion 149.00 (148.70 to 149.70): E

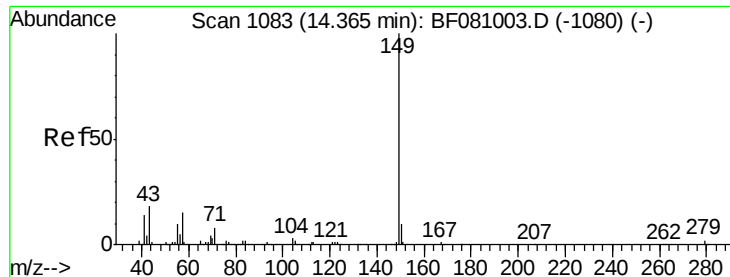
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 2.41 ng

RT: 14.24 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

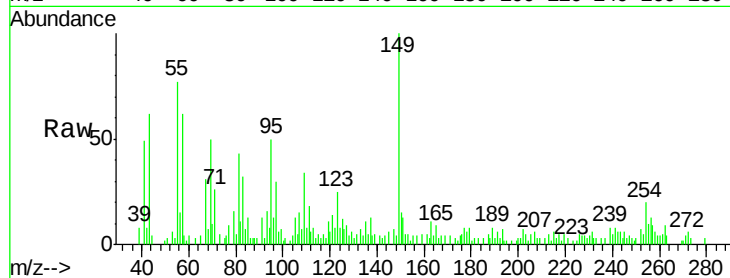
Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

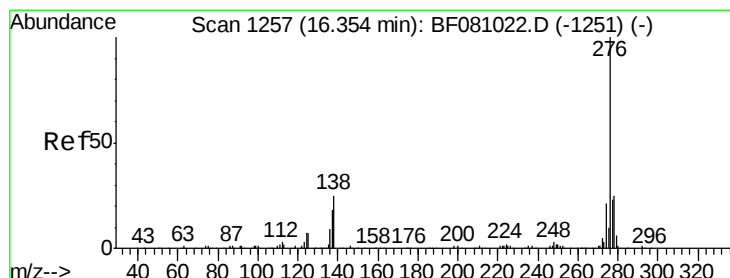
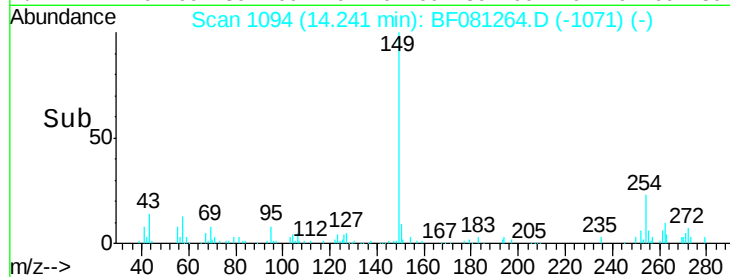
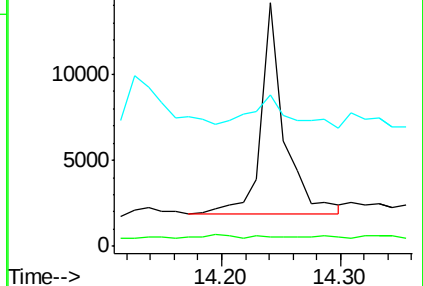
Tgt Ion:	149	Resp:	16761
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.1	1.7
43	24.7	11.6	17.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 59.41 ng

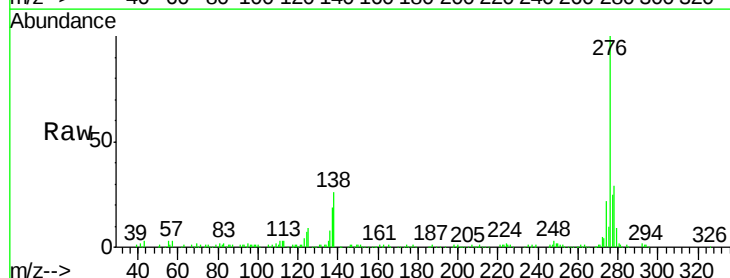
RT: 16.12 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

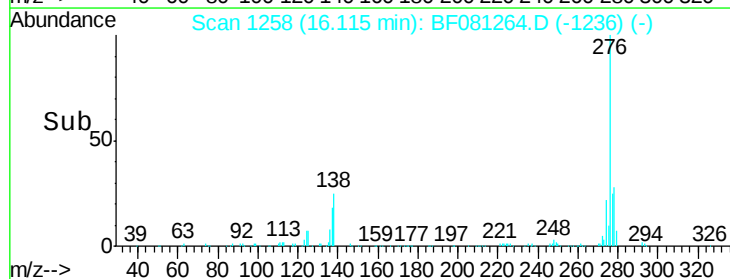
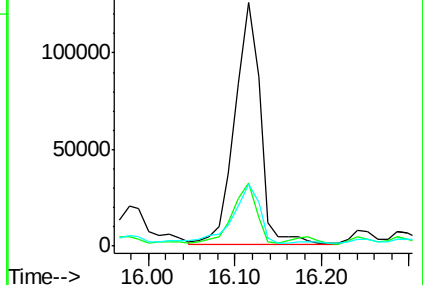
Tgt Ion:	276	Resp:	257490
Ion Ratio	Lower	Upper	
276	100		
138	25.0	18.6	28.0
277	28.5	19.8	29.8

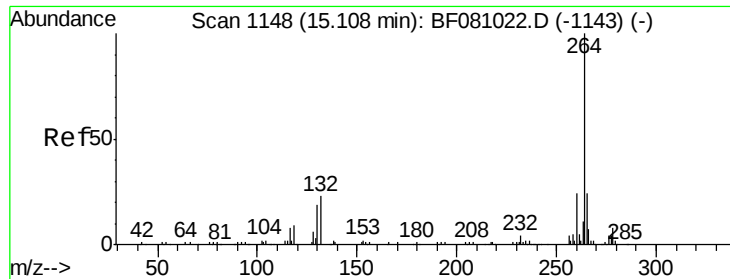


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

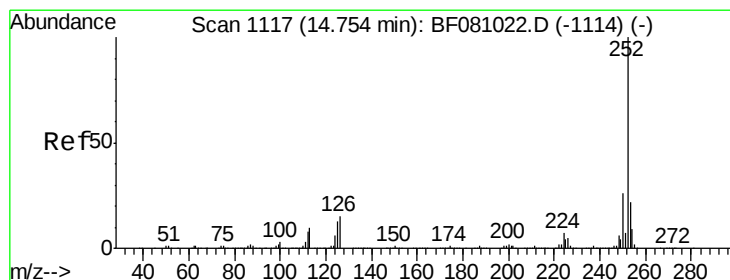
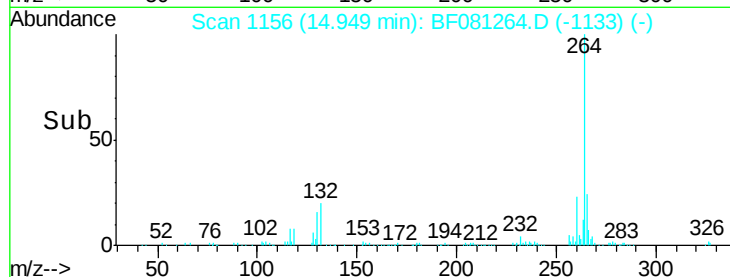
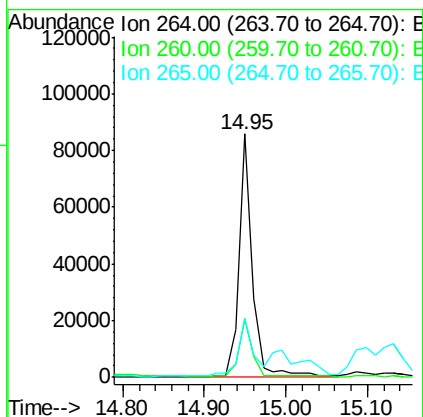
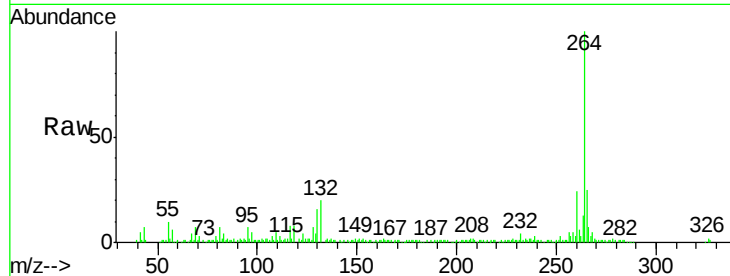




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

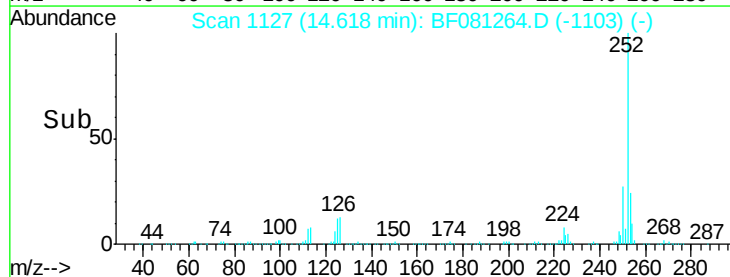
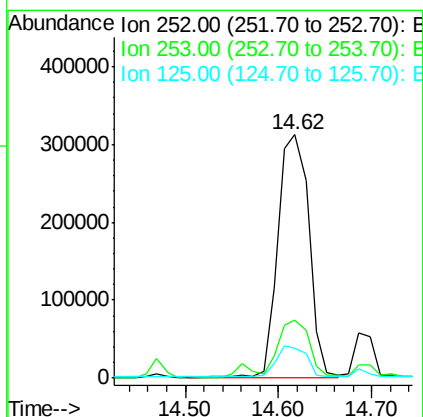
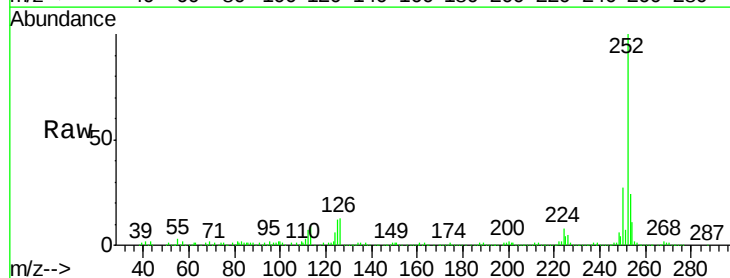
Instrument :
BNA_F
ClientSampleId :
SB5(3-4)

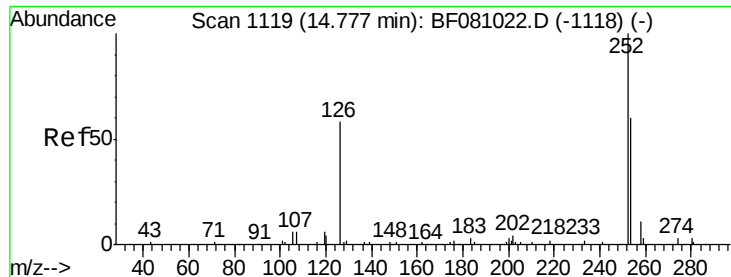
Tgt Ion: 264 Resp: 99957
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 24.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 102.35 ng
RT: 14.62 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Tgt Ion: 252 Resp: 723650
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 12.4 8.0 12.0#

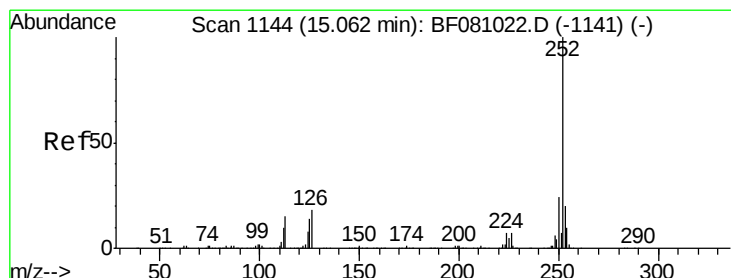
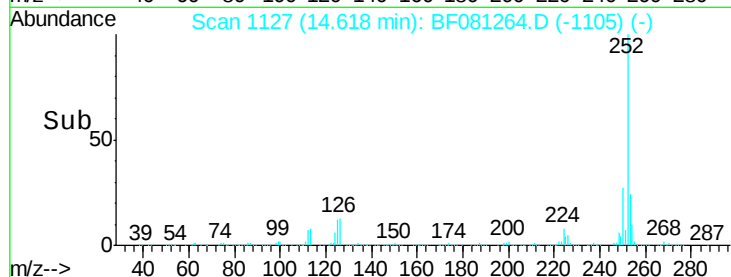
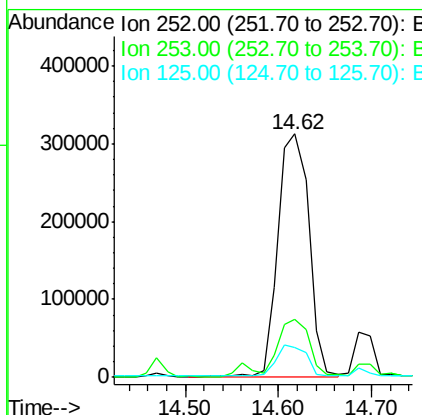
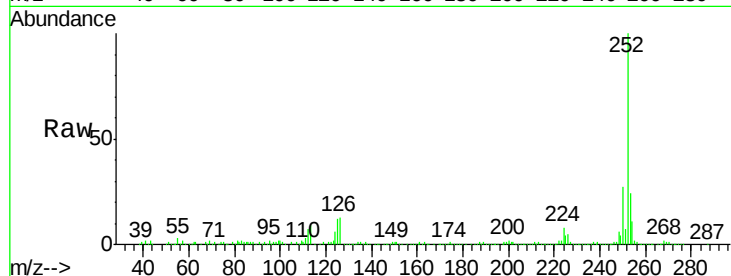




#88
Benzo(k)fluoranthene
Concen: 109.84 ng
RT: 14.62 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

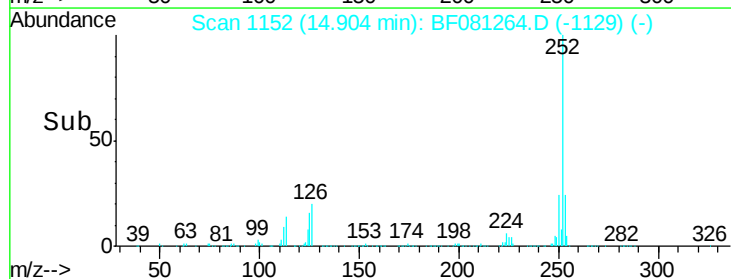
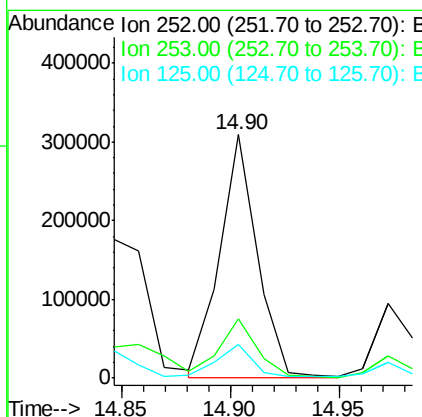
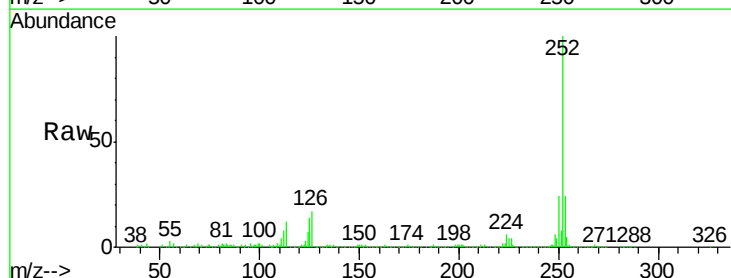
Instrument :
BNA_F
ClientSampleId :
SB5(3-4)

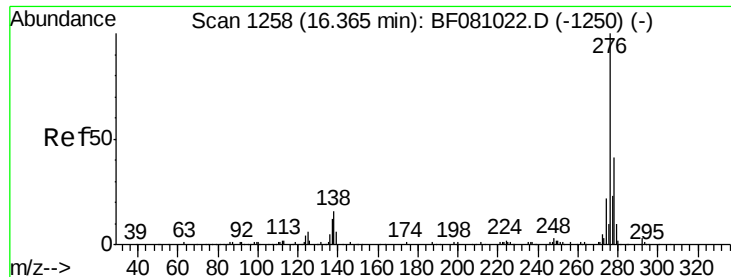
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	12.4	10.3	15.5



#89
Benzo(a)pyrene
Concen: 59.62 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081264.D
Acq: 28 Aug 2015 5:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.6	25.0
125	13.8	7.8	11.8





#90

Dibenzo(a,h)anthracene

Concen: 17.66 ng

RT: 16.13 min Scan# 1259

Delta R.T. -0.06 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Instrument :

BNA_F

ClientSampleId :

SB5(3-4)

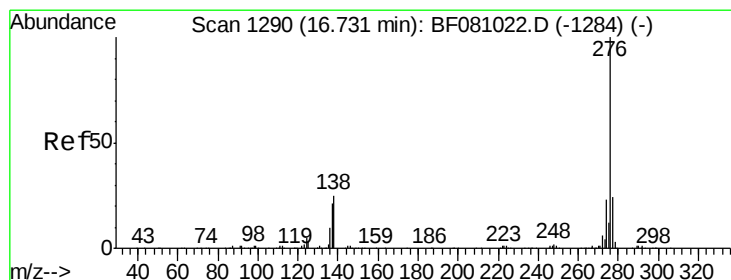
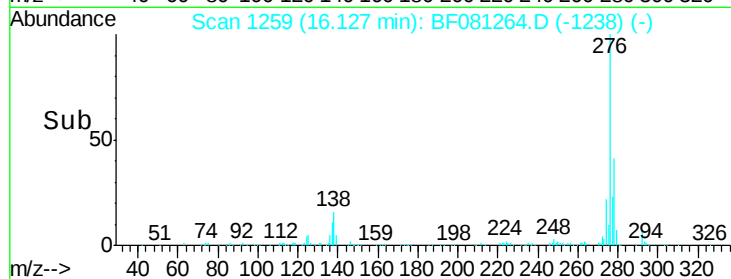
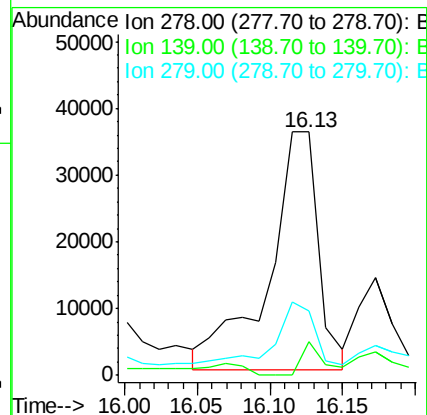
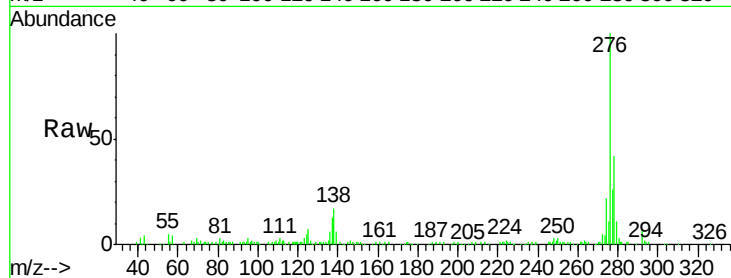
Tgt Ion:278 Resp: 84797

Ion Ratio Lower Upper

278 100

139 13.8 10.8 16.2

279 26.5 19.0 28.6



#91

Benzo(g,h,i)perylene

Concen: 44.77 ng

RT: 16.46 min Scan# 1288

Delta R.T. -0.06 min

Lab File: BF081264.D

Acq: 28 Aug 2015 5:44

Tgt Ion:276 Resp: 218036

Ion Ratio Lower Upper

276 100

277 24.1 18.2 27.2

138 28.0 13.7 20.5#

