

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082564.D
 Acq On : 27 Oct 2015 23:38
 Operator : UM/IZ
 Sample : G4168-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-2-20151026

Quant Time: Oct 28 01:08:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	346505	20.00	ng	0.14
21) Naphthalene-d8	8.00	136	321380	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	151469	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	266148	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	165608	20.00	ng	-0.03
86) Perylene-d12	15.29	264	168049	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	685300	39.04	ng	0.01
7) Phenol-d6	6.38	99	815141	35.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	573882	115.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	176074	155.23	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	966334	101.45	ng	-0.02
78) Terphenyl-d14	12.82	244	683599	118.92	ng	-0.02

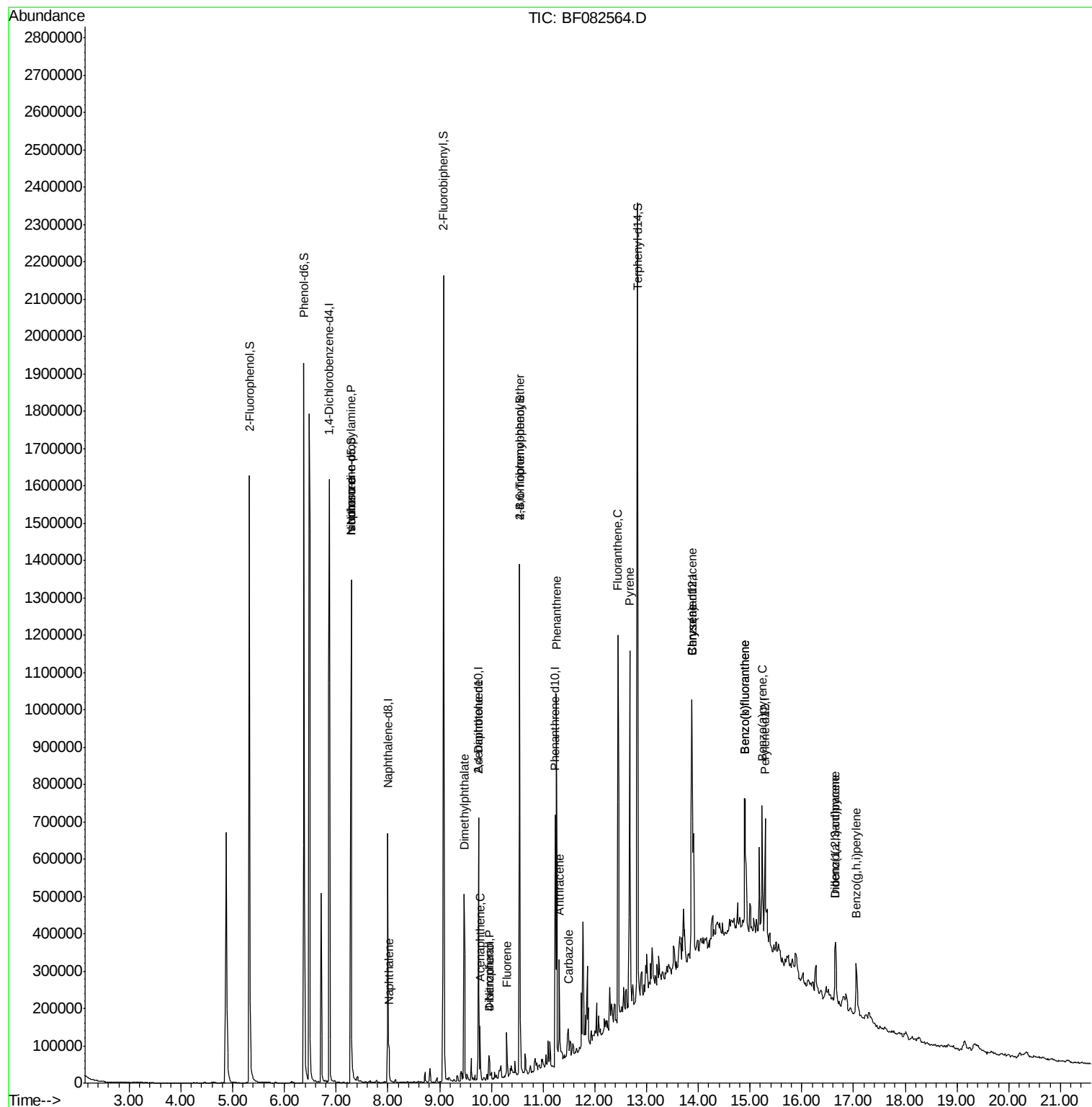
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	1162	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.29	70	76367	5.12	ng	73
25) Isophorone	7.29	82	561950	56.78	ng	64
31) Naphthalene	8.02	128	44586	3.04	ng	98
49) Dimethylphthalate	9.47	163	291090	27.62	ng	99
51) Acenaphthene	9.78	154	31649	3.88	ng	97
54) Dibenzofuran	9.95	168	32183	2.70	ng	# 96
55) 4-Nitrophenol	9.95	139	11979	19.20	ng	# 15
56) 2,4-Dinitrotoluene	9.75	165	19879	7.09	ng	# 11
57) Fluorene	10.30	166	38881	3.98	ng	99
66) 4-Bromophenyl-phenylether	10.55	248	13880	5.56	ng	# 1
70) Phenanthrene	11.26	178	442349	32.30	ng	100
71) Anthracene	11.31	178	131208	9.51	ng	99
72) Carbazole	11.49	167	42086	3.46	ng	98
74) Fluoranthene	12.45	202	525572	37.38	ng	99
77) Pyrene	12.67	202	473299	46.46	ng	99
80) Benzo(a)anthracene	13.88	228	215654	24.29	ng	94
82) Chrysene	13.88	228	215654	25.71	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	118145	15.33	ng	93
87) Benzo(b)fluoranthene	14.89	252	312302	31.29	ng	# 94
88) Benzo(k)fluoranthene	14.89	252	312302	38.39	ng	# 96
89) Benzo(a)pyrene	15.24	252	176001	20.36	ng	# 95
90) Dibenzo(a,h)anthracene	16.65	278	27021	3.74	ng	# 84
91) Benzo(g,h,i)perylene	17.05	276	115373	16.12	ng	# 93

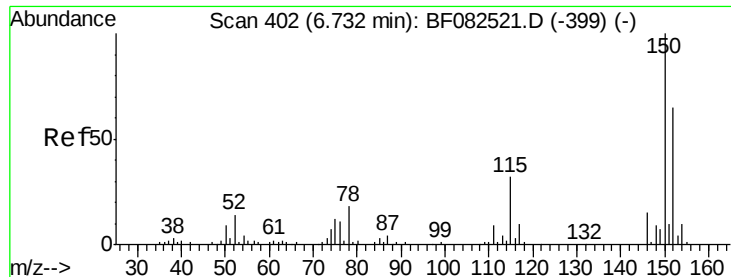
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.14 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

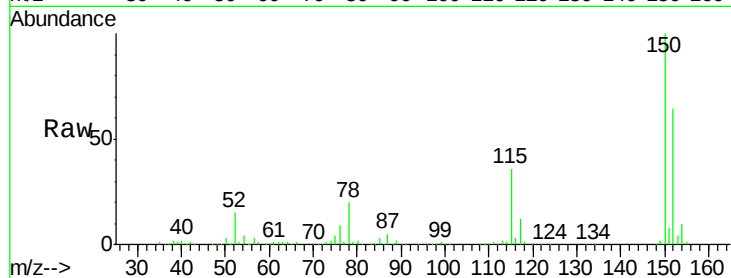
Tgt Ion:152 Resp: 346505

Ion Ratio Lower Upper

152 100

150 155.5 123.4 185.0

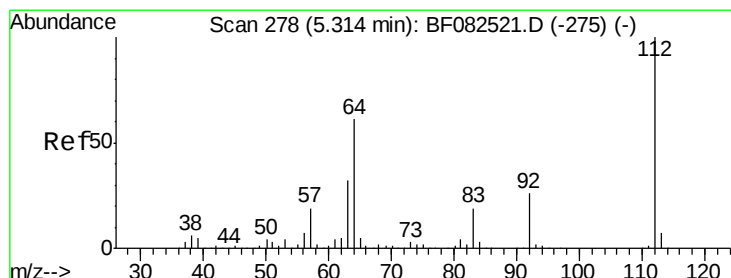
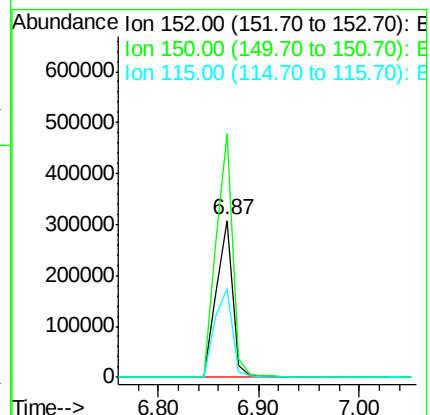
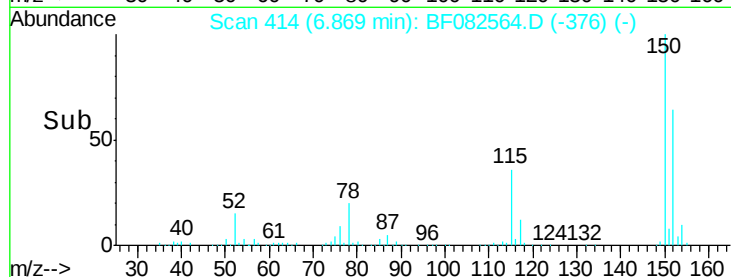
115 56.7 39.0 58.4



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: 39.04 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

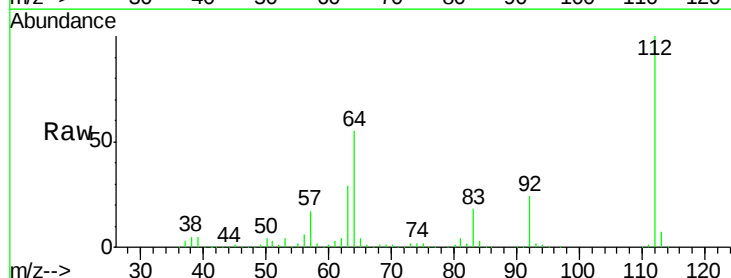
Tgt Ion:112 Resp: 685300

Ion Ratio Lower Upper

112 100

64 54.5 49.0 73.4

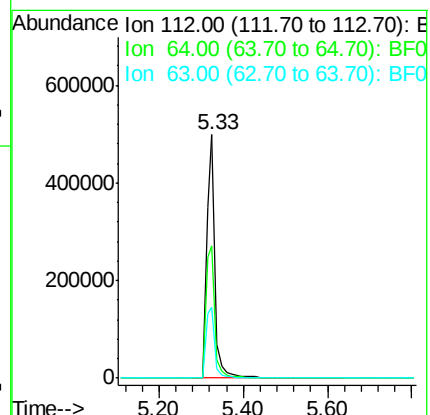
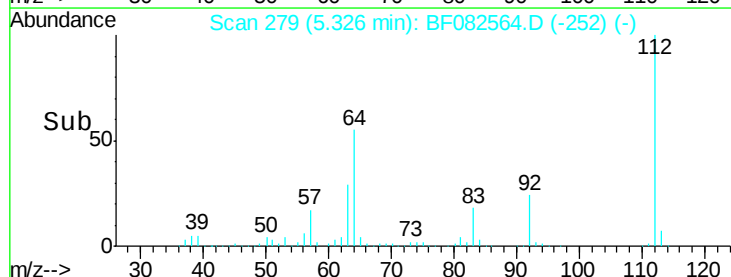
63 28.9 25.8 38.6

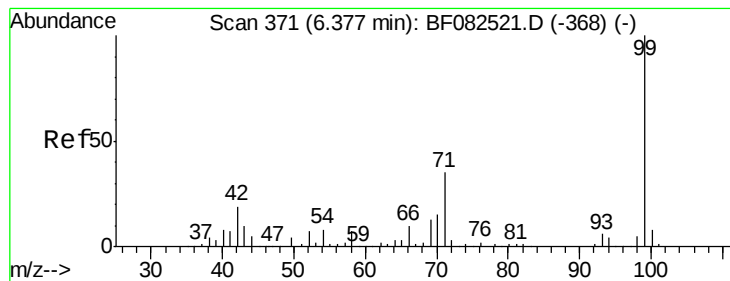


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.63 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

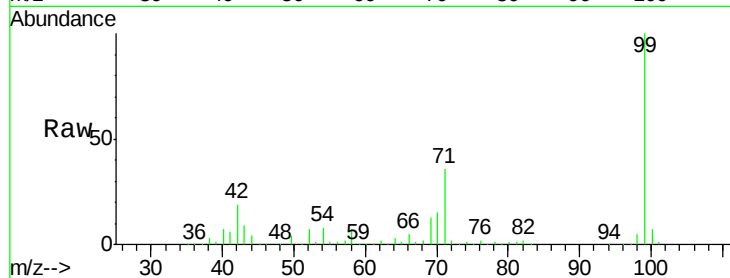
Tgt Ion: 99 Resp: 815141

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

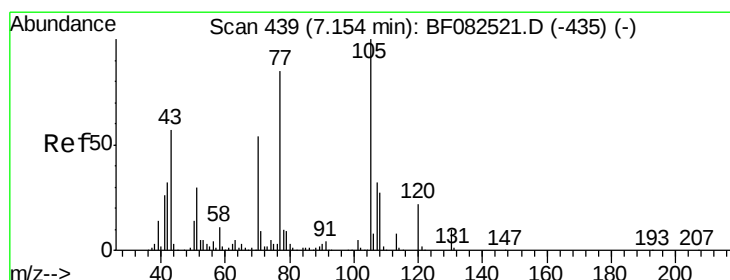
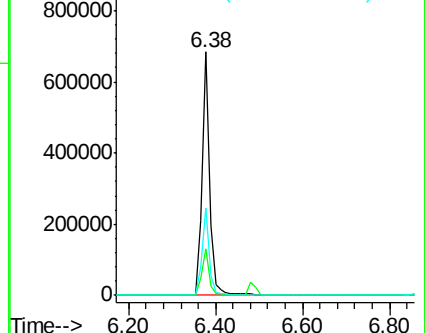
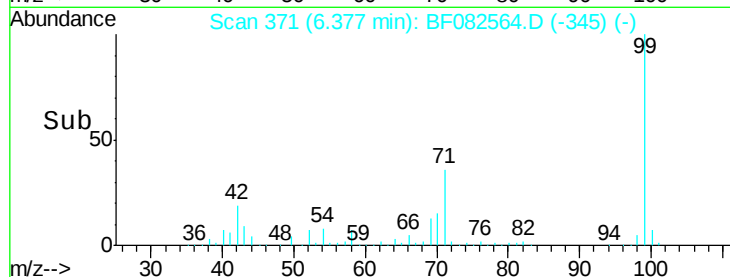
71 35.9 28.2 42.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.12 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Tgt Ion: 70 Resp: 76367

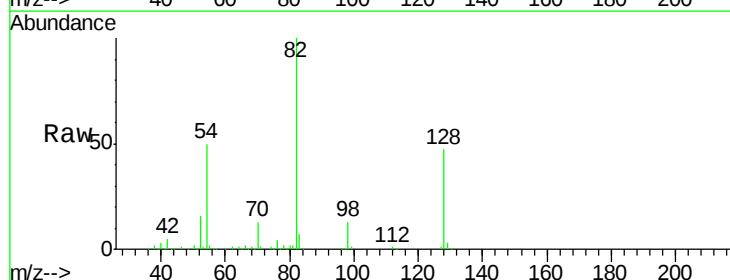
Ion Ratio Lower Upper

70 100

42 39.9 46.9 70.3#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

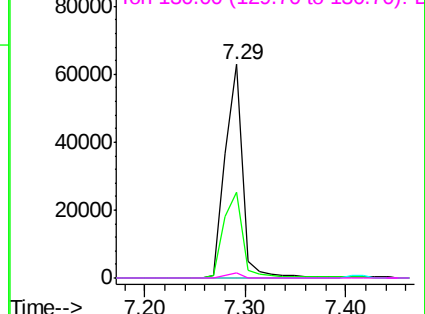
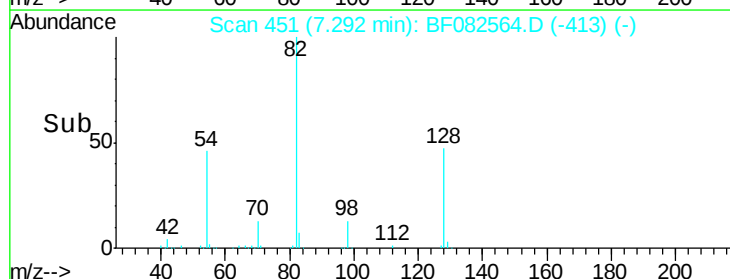


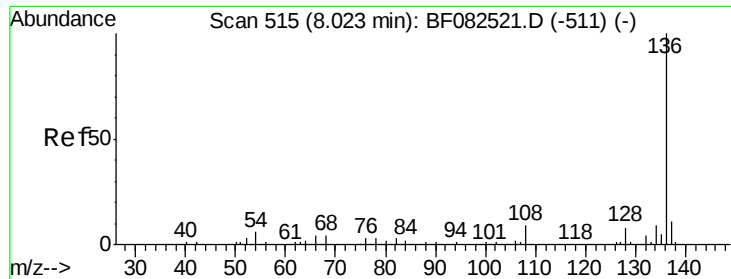
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

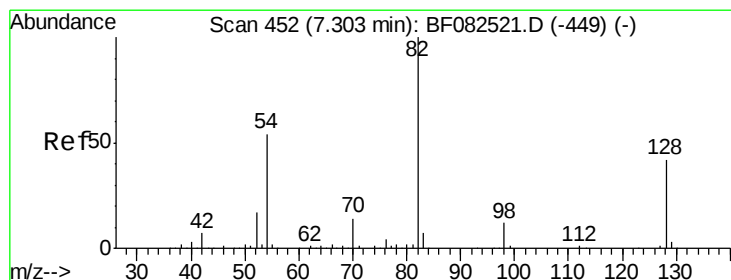
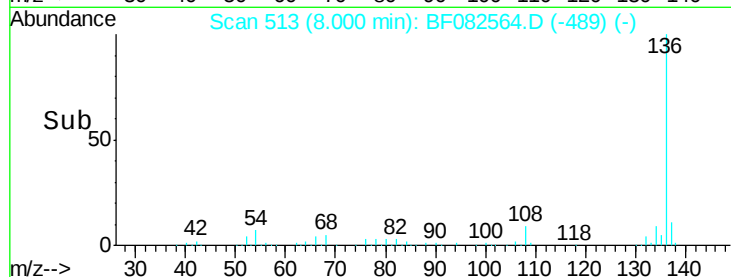
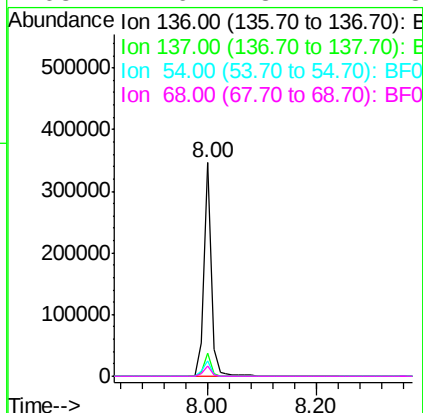
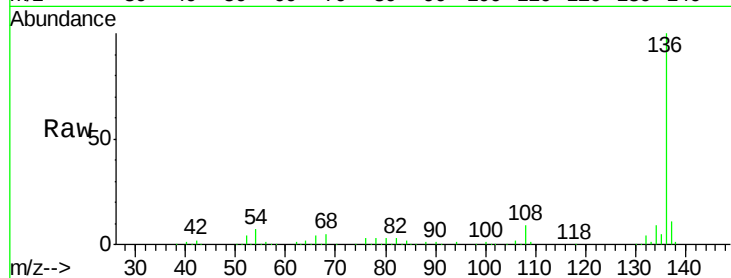




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

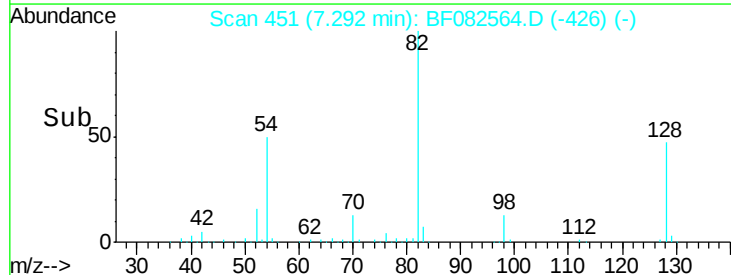
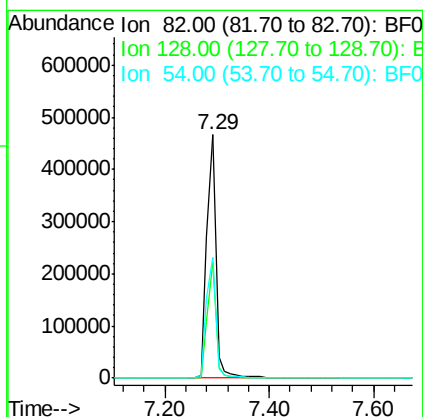
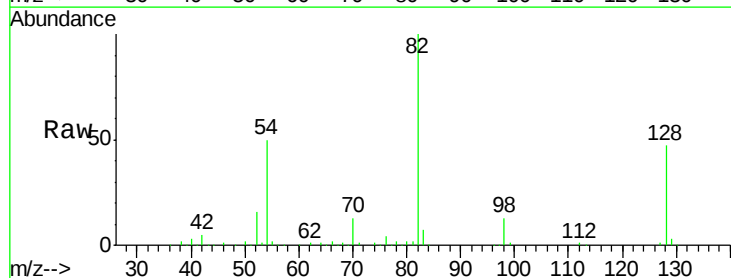
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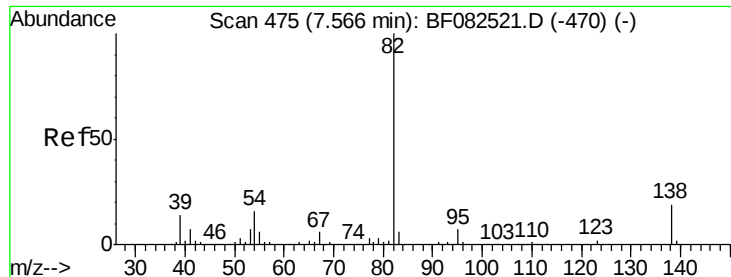
Tgt Ion:	136	Resp:	321380
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.3	4.6	7.0#
68	4.6	3.2	4.8



#23
Nitrobenzene-d5
Concen: 115.20 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:	82	Resp:	573882
Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.4	50.0
54	49.6	43.5	65.3





#25

Isophorone

Concen: 56.78 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.27 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

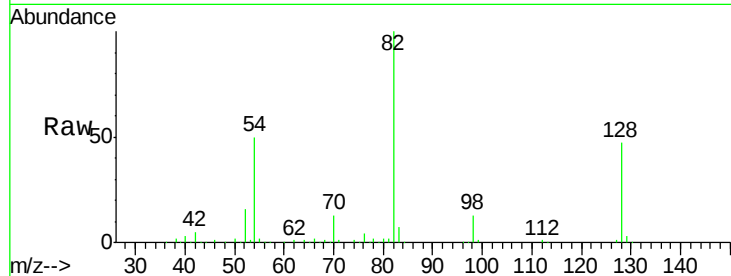
Tgt Ion: 82 Resp: 561950

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

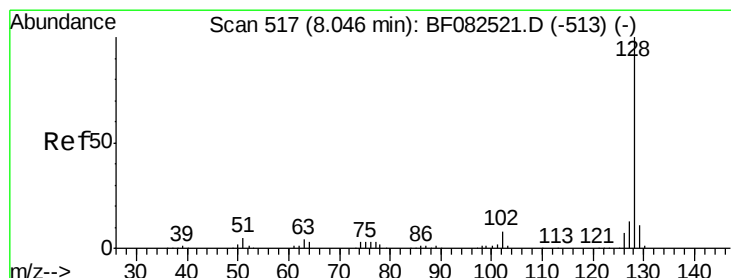
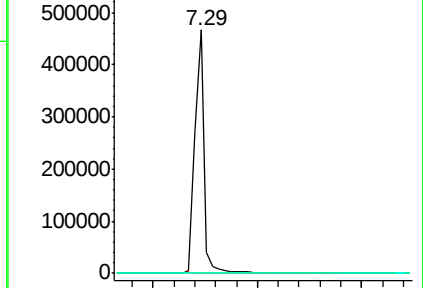
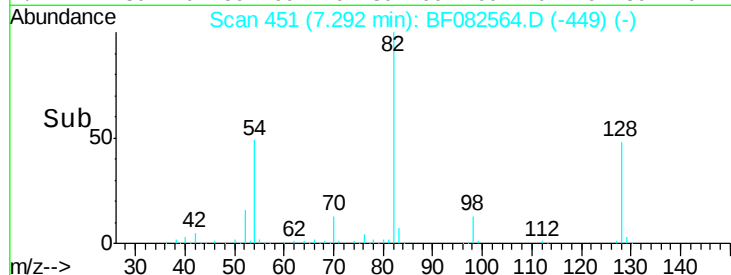
138 0.0 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF082564.D (-449) (-)

Ion 95.00 (94.70 to 95.70): BF082564.D (-449) (-)

Ion 138.00 (137.70 to 138.70): BF082564.D (-449) (-)



#31

Naphthalene

Concen: 3.04 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

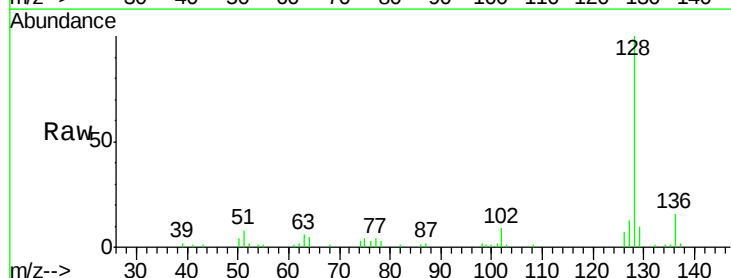
Tgt Ion: 128 Resp: 44586

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

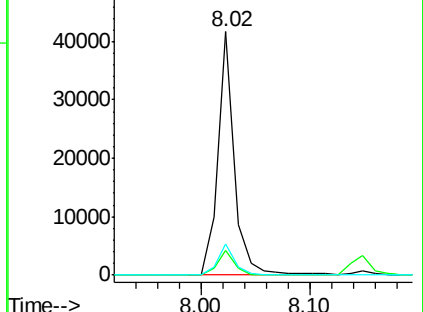
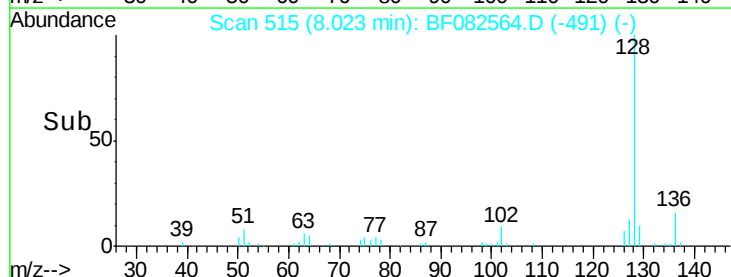
127 12.6 10.7 16.1

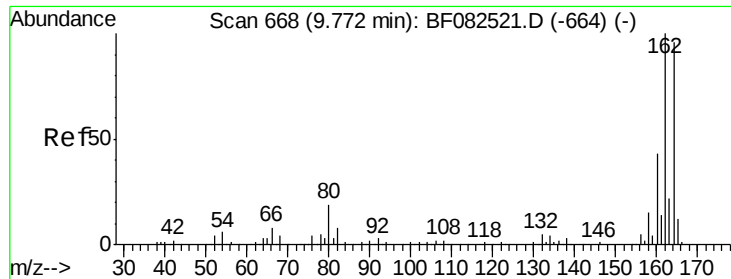


Abundance Ion 128.00 (127.70 to 128.70): BF082564.D (-491) (-)

Ion 129.00 (128.70 to 129.70): BF082564.D (-491) (-)

Ion 127.00 (126.70 to 127.70): BF082564.D (-491) (-)

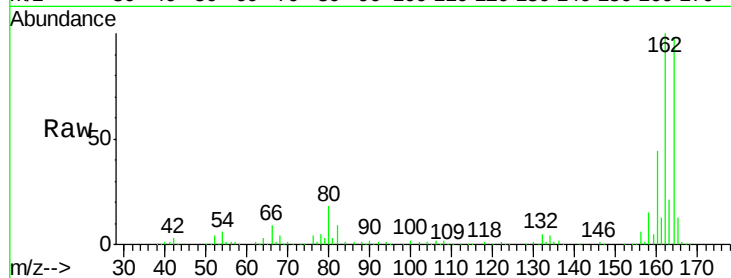




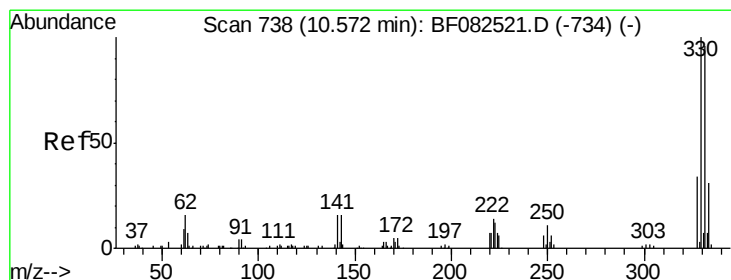
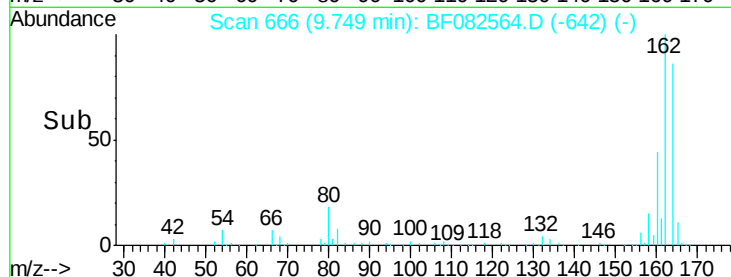
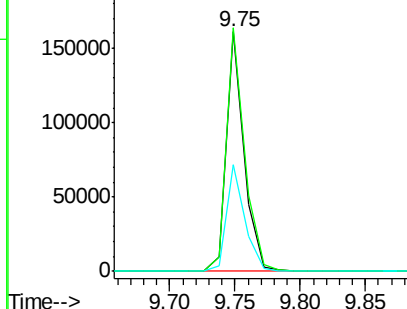
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

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 CWC-2-20151026

Tgt Ion:164 Resp: 151469
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.6 125.4
 160 44.3 36.0 54.0

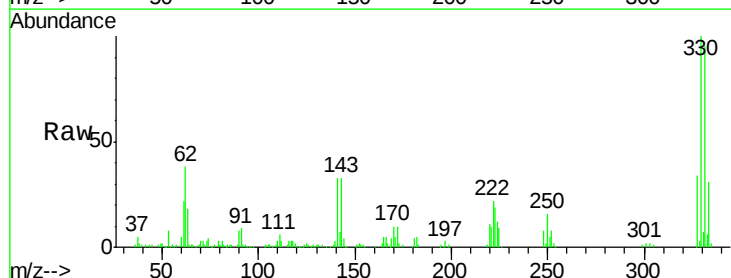


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

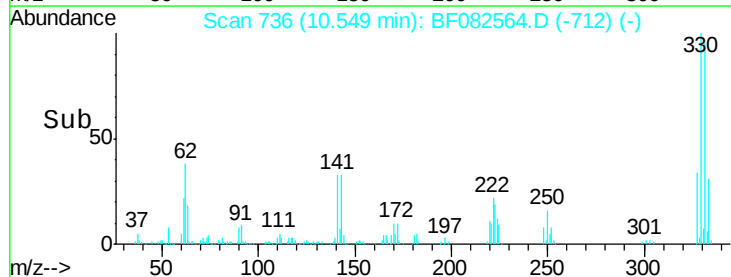
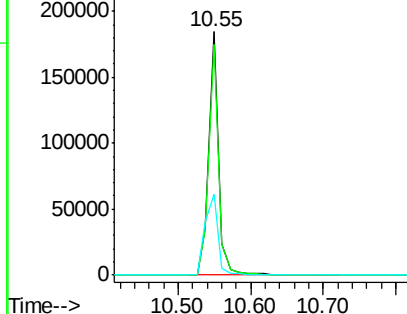


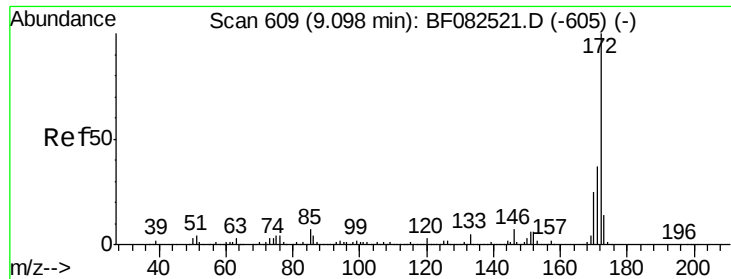
#41
 2,4,6-Tribromophenol
 Concen: 155.23 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

Tgt Ion:330 Resp: 176074
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 43.8 32.5 48.7



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

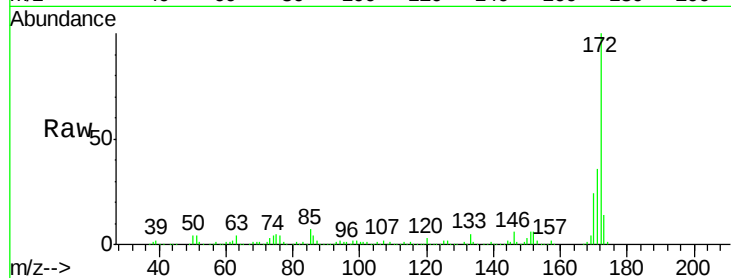




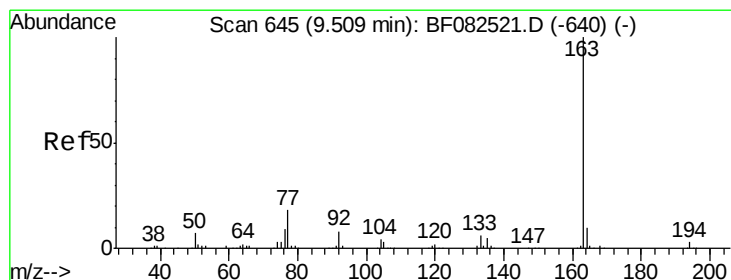
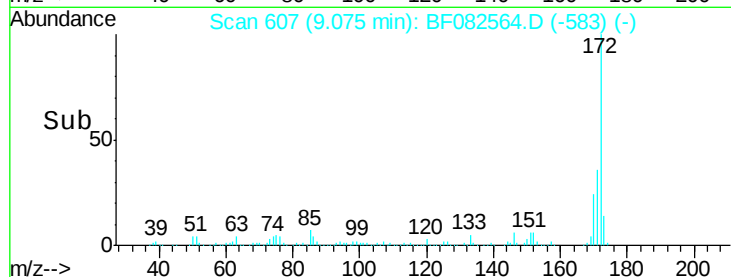
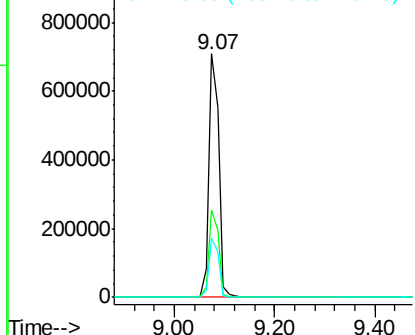
#44
 2-Fluorobiphenyl
 Concen: 101.45 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

Instrument :
 BNA_F
 ClientSampleId :
 CWC-2-20151026

Tgt Ion:172 Resp: 966334
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 24.2 19.8 29.6

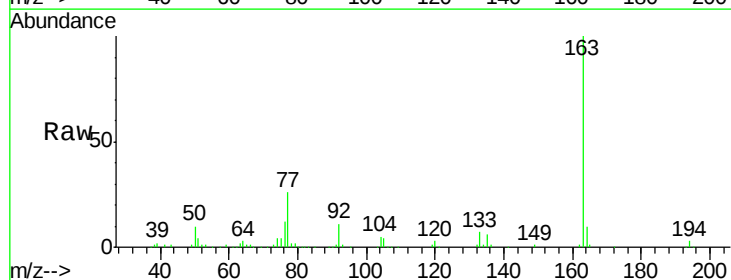


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

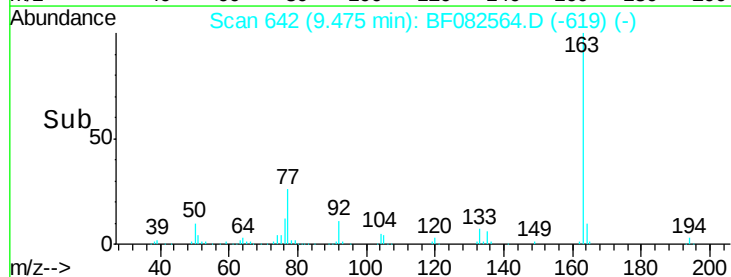
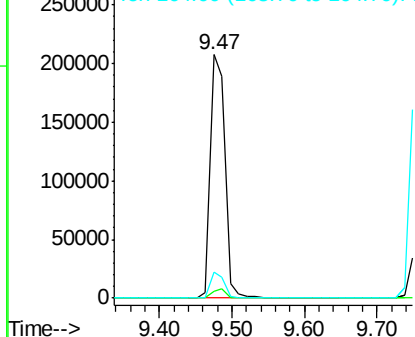


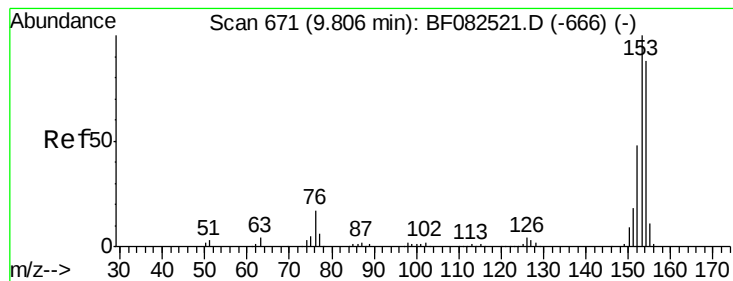
#49
 Dimethylphthalate
 Concen: 27.62 ng
 RT: 9.47 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

Tgt Ion:163 Resp: 291090
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.5 8.2 12.4



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





#51

Acenaphthene

Concen: 3.88 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

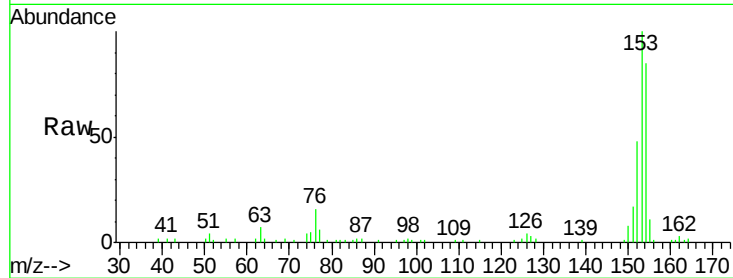
Tgt Ion:154 Resp: 31649

Ion Ratio Lower Upper

154 100

153 117.6 90.7 136.1

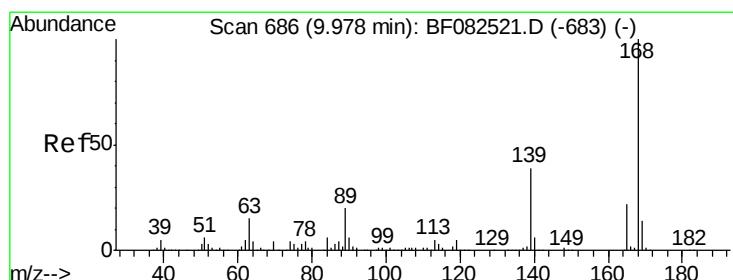
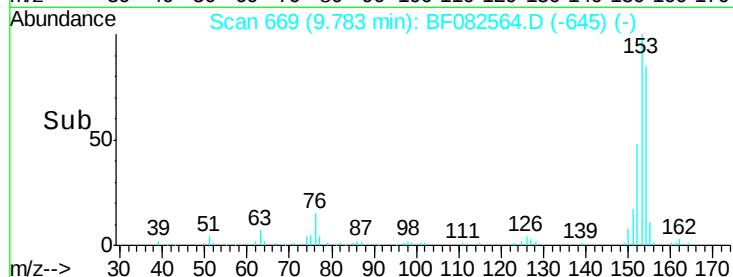
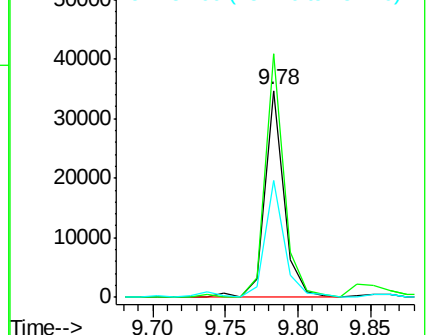
152 56.3 44.0 66.0



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: 2.70 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

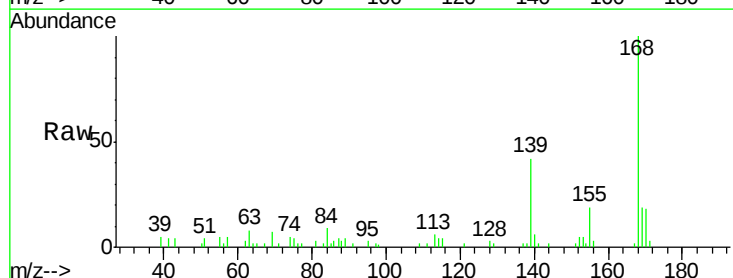
Tgt Ion:168 Resp: 32183

Ion Ratio Lower Upper

168 100

139 42.0 33.0 49.6

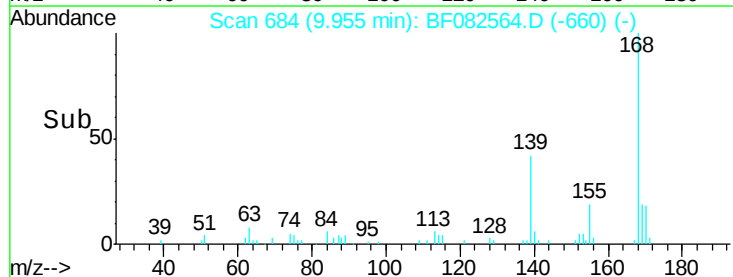
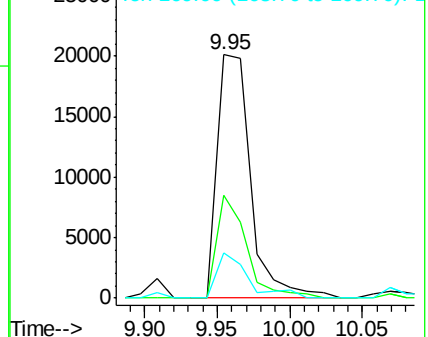
169 18.7 11.0 16.4#

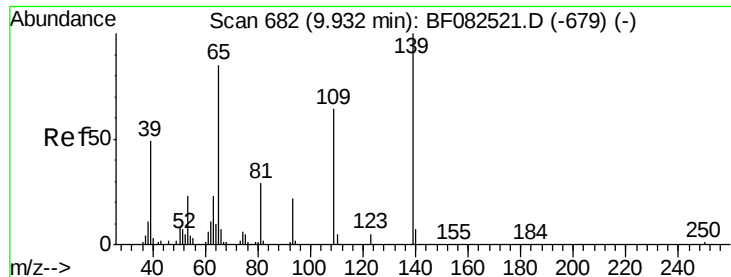


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 19.20 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

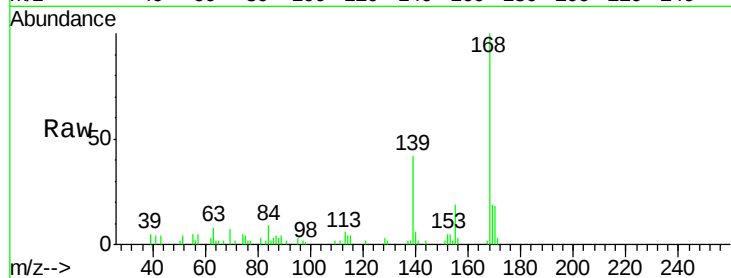
Tgt Ion:139 Resp: 11979

Ion Ratio Lower Upper

139 100

109 4.5 44.2 84.2#

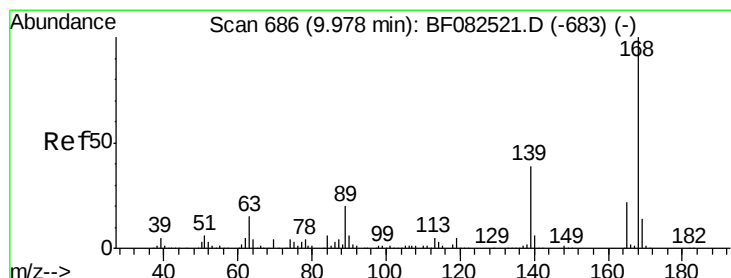
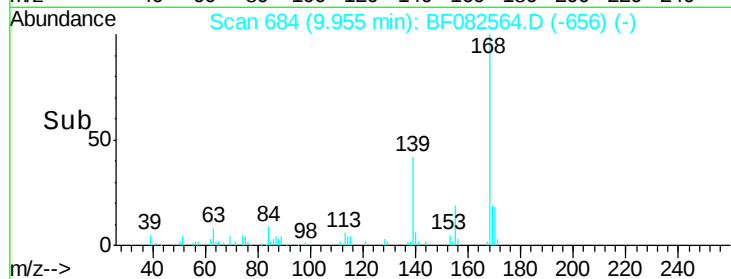
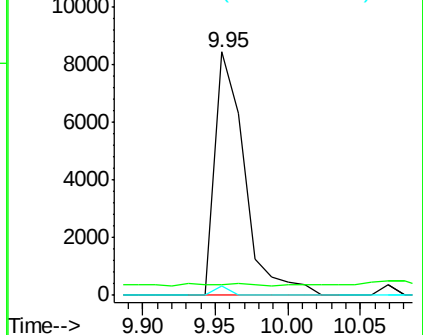
65 3.6 68.1 108.1#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 7.09 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Tgt Ion:165 Resp: 19879

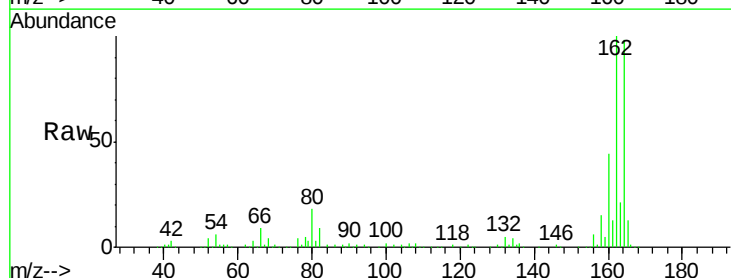
Ion Ratio Lower Upper

165 100

63 2.0 58.6 88.0#

89 1.7 72.3 108.5#

182 0.0 1.8 2.8#

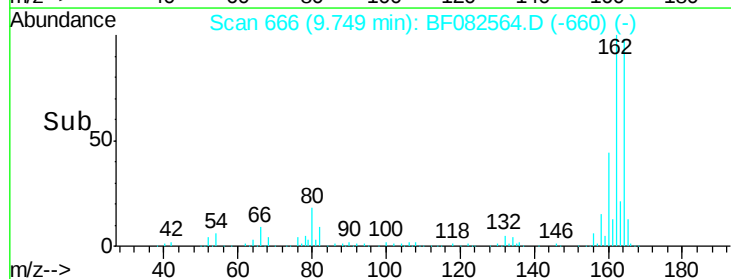
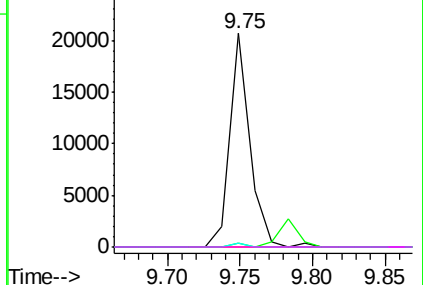


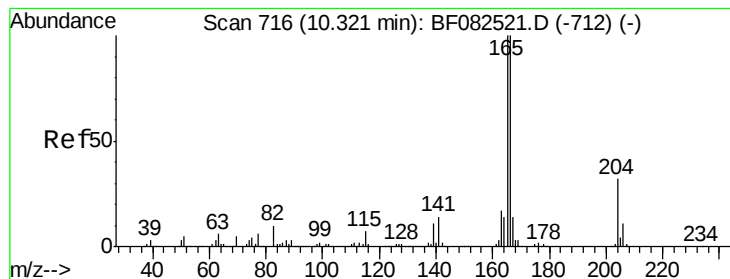
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.98 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

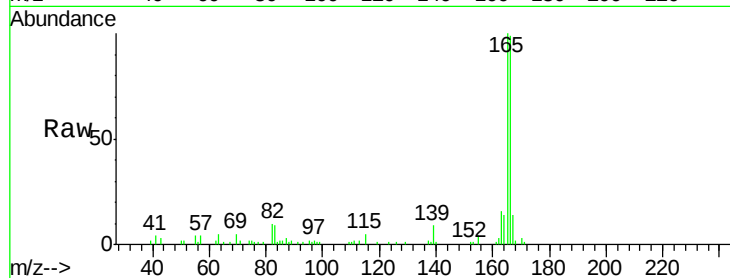
Tgt Ion:166 Resp: 38881

Ion Ratio Lower Upper

166 100

165 100.8 79.7 119.5

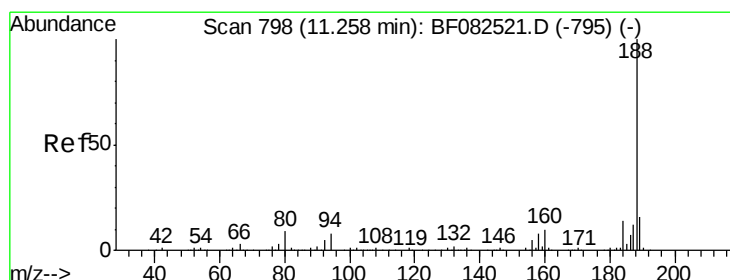
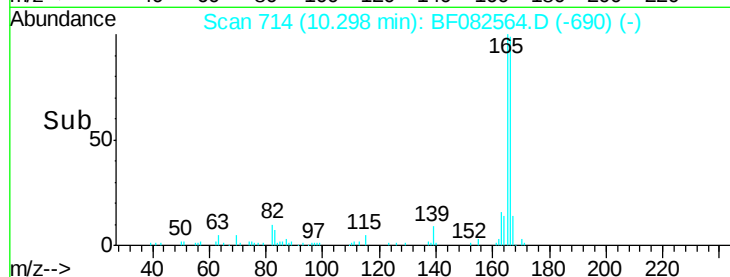
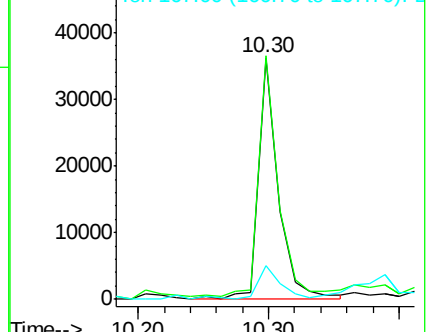
167 14.1 11.0 16.4



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: 11.23 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

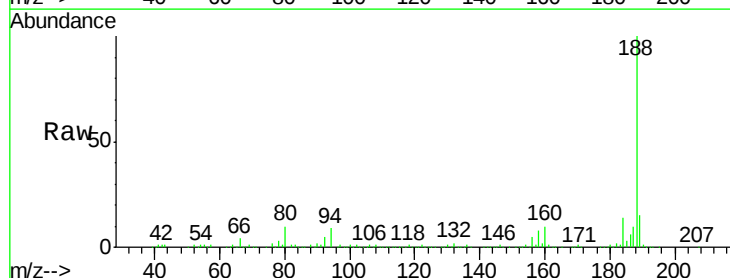
Tgt Ion:188 Resp: 266148

Ion Ratio Lower Upper

188 100

94 9.1 6.4 9.6

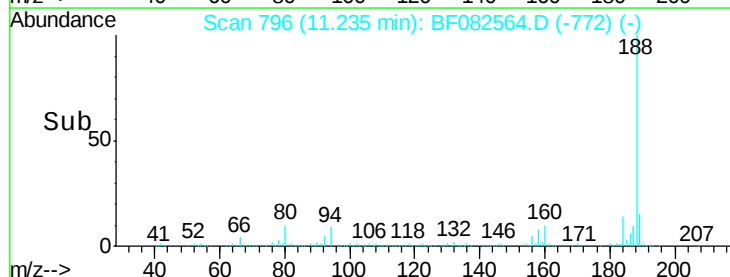
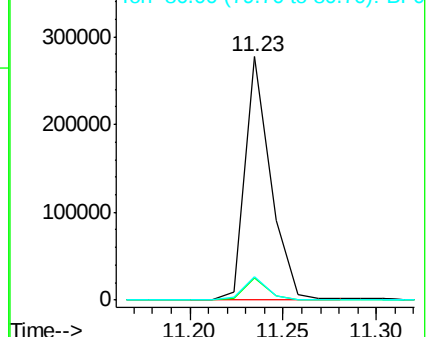
80 9.8 7.0 10.6

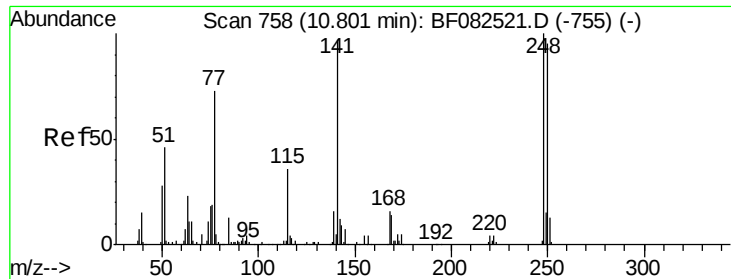


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

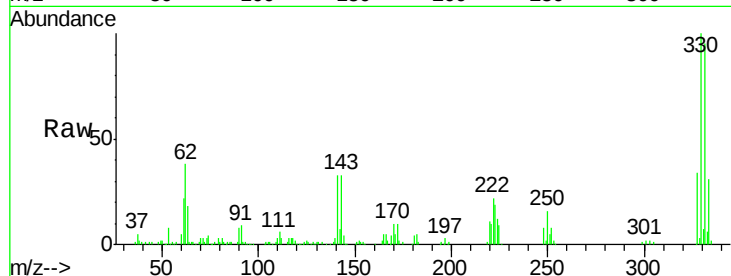




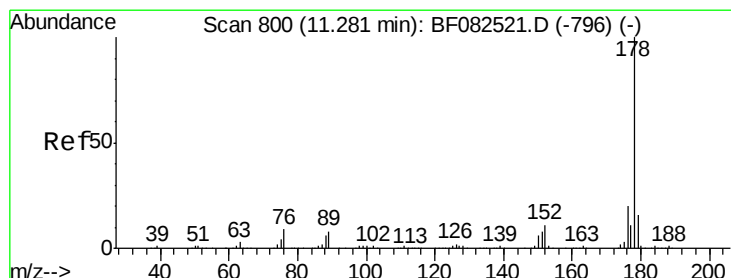
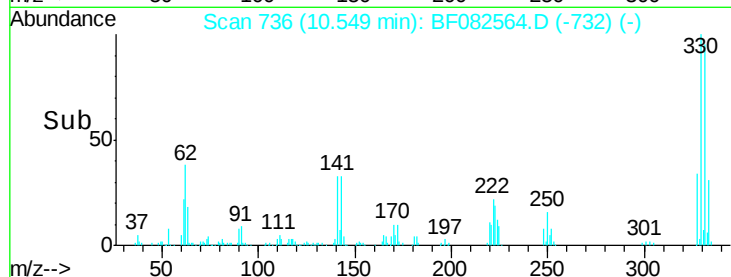
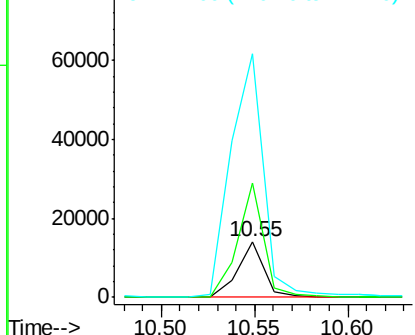
#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.25 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:248 Resp: 13880
Ion Ratio Lower Upper
248 100
250 205.6 76.0 114.0#
141 436.9 77.5 116.3#

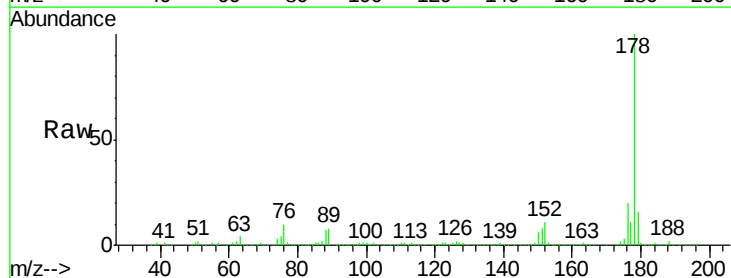


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

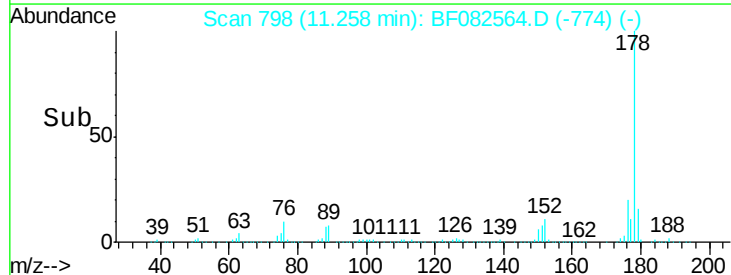
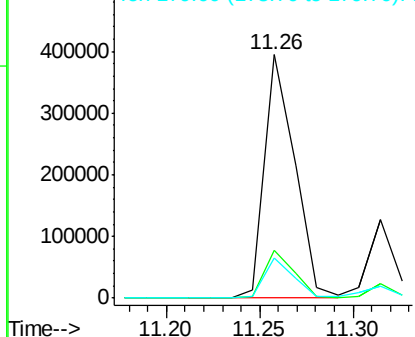


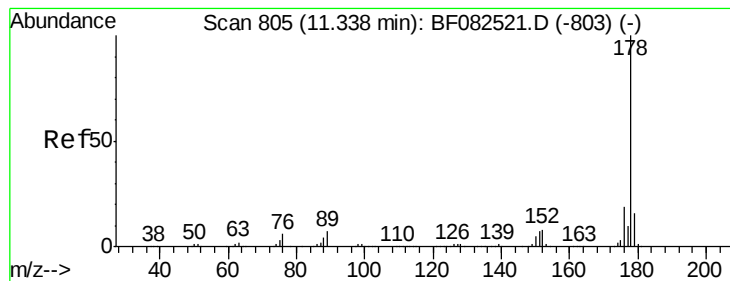
#70
Phenanthrene
Concen: 32.30 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:178 Resp: 442349
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.3 12.8 19.2



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: 9.51 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

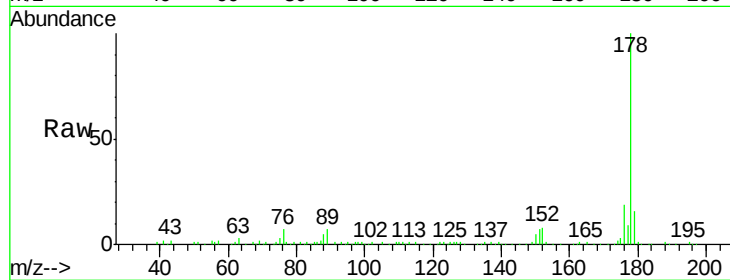
Tgt Ion:178 Resp: 131208

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

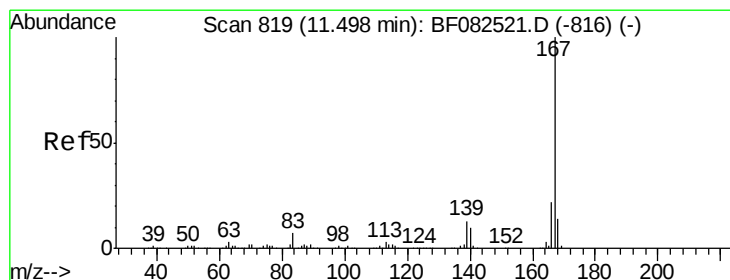
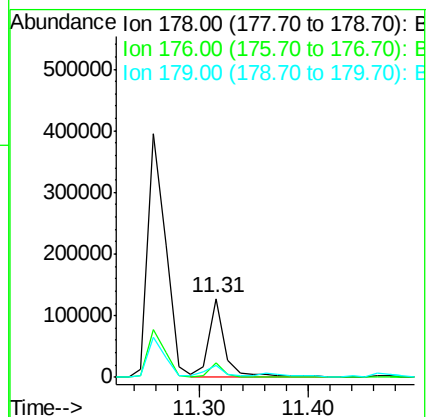
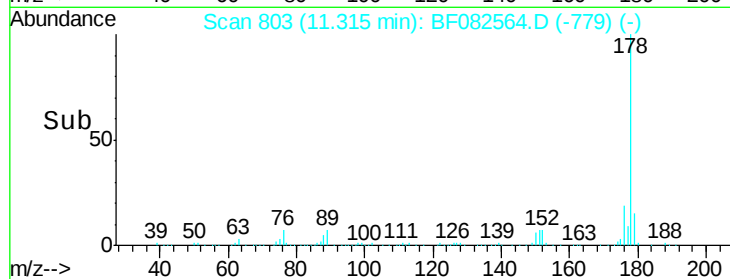
179 15.7 12.6 19.0



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



#72

Carbazole

Concen: 3.46 ng

RT: 11.49 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

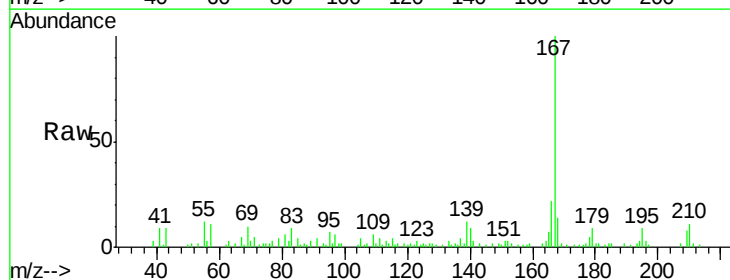
Tgt Ion:167 Resp: 42086

Ion Ratio Lower Upper

167 100

166 21.7 17.9 26.9

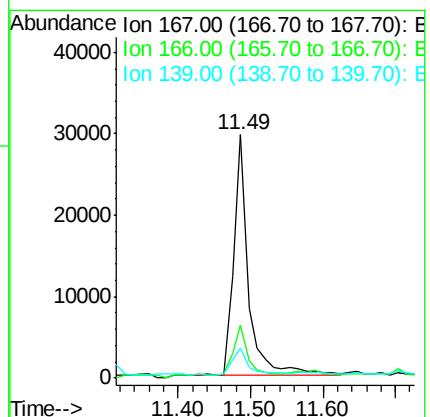
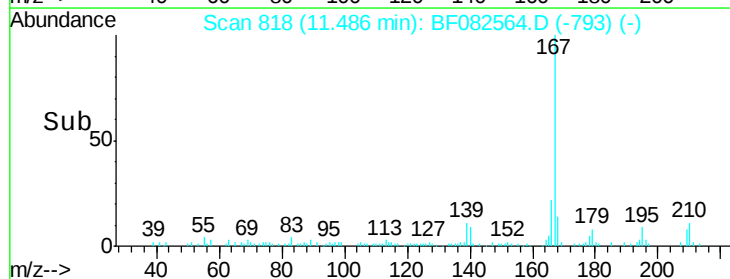
139 12.3 10.4 15.6

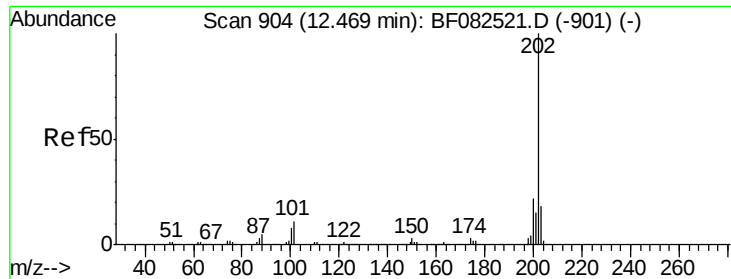


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 37.38 ng

RT: 12.45 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

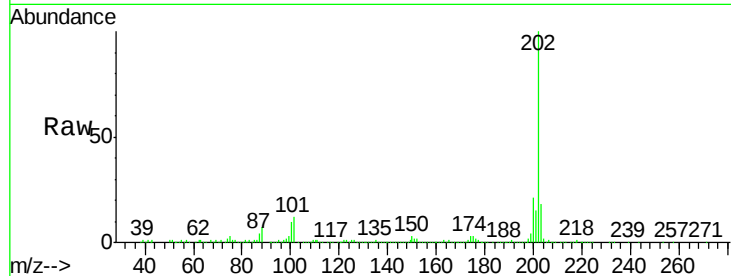
Tgt Ion:202 Resp: 525572

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.2

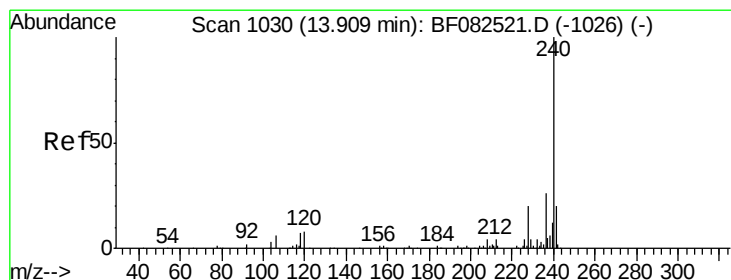
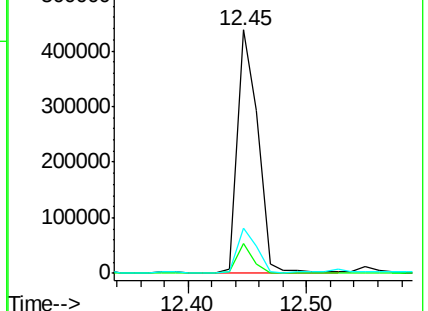
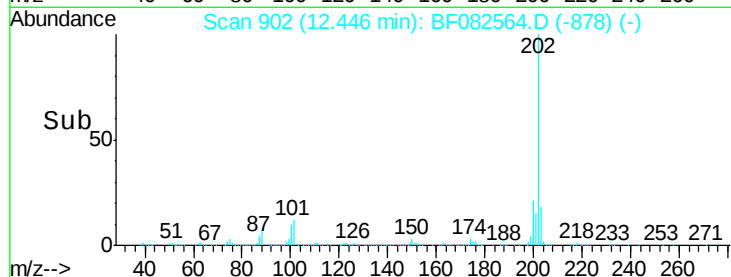
203 18.3 0.0 38.1



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: 13.88 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

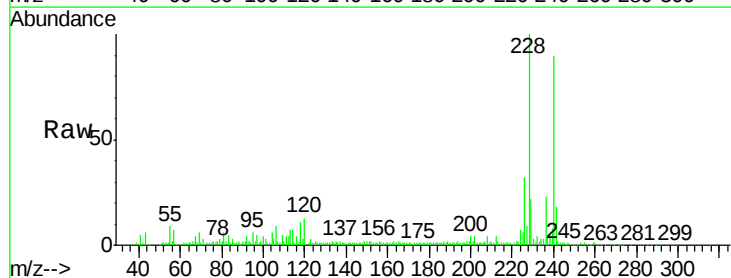
Tgt Ion:240 Resp: 165608

Ion Ratio Lower Upper

240 100

120 14.1 6.5 9.7#

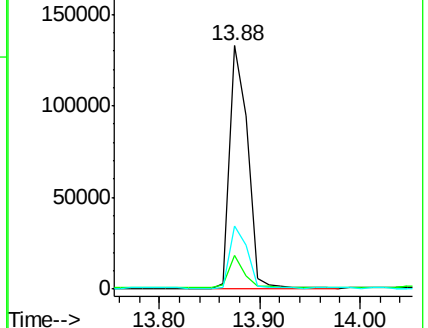
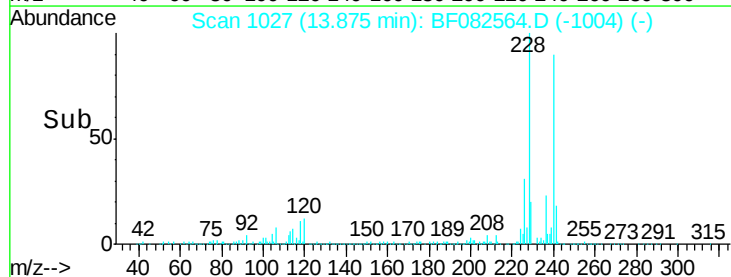
236 26.0 20.5 30.7

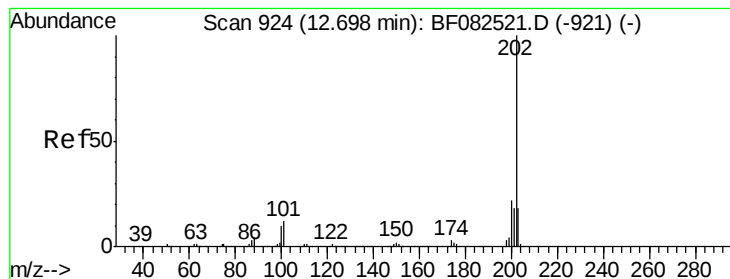


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 46.46 ng

RT: 12.67 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

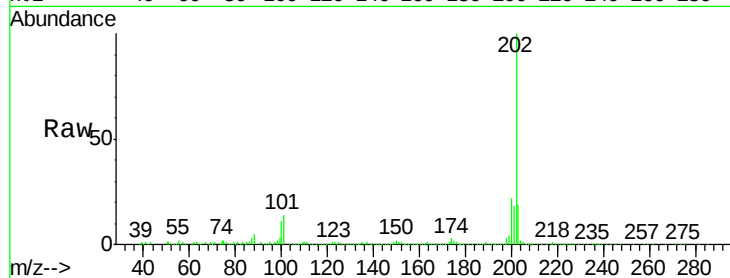
Tgt Ion: 202 Resp: 473299

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

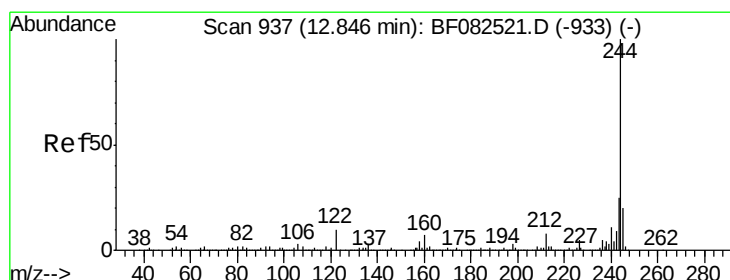
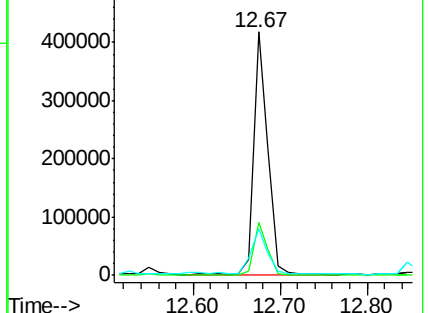
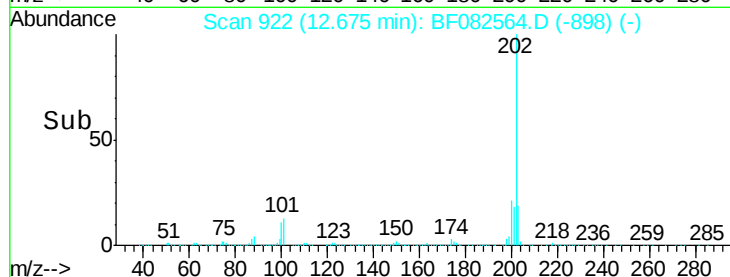
203 18.9 14.6 22.0



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: 118.92 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

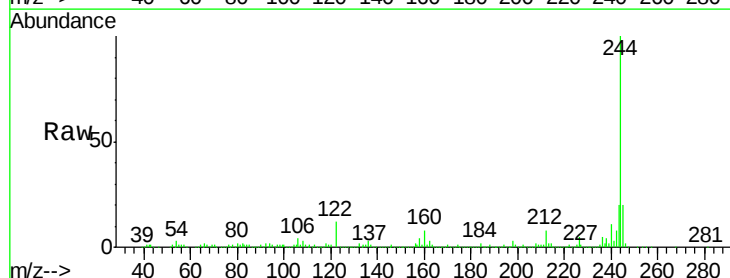
Tgt Ion: 244 Resp: 683599

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

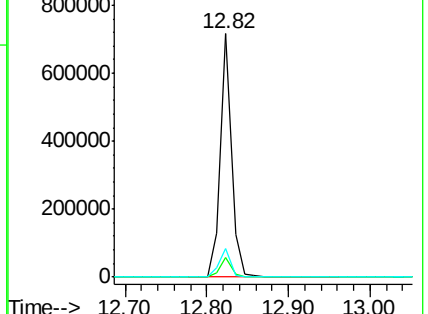
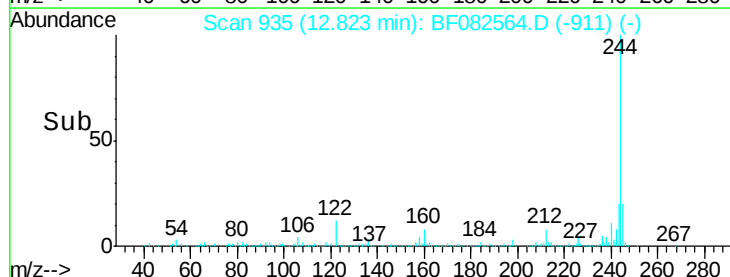
122 11.7 8.1 12.1

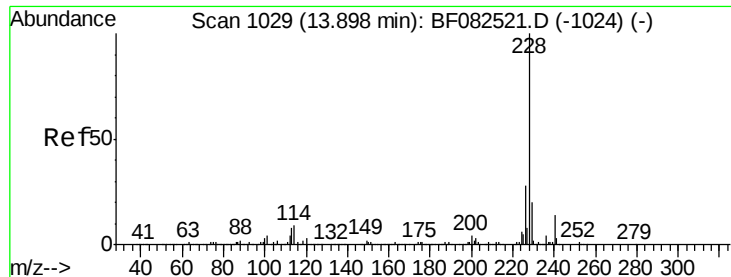


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 24.29 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

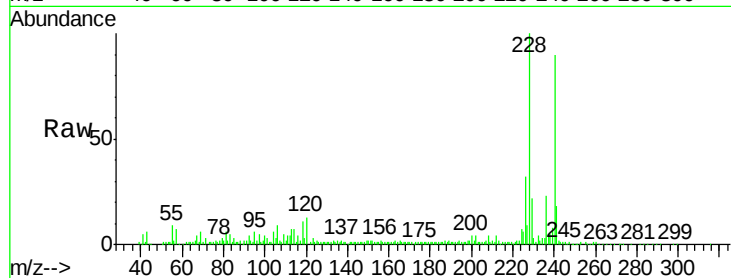
Tgt Ion:228 Resp: 215654

Ion Ratio Lower Upper

228 100

226 31.6 22.1 33.1

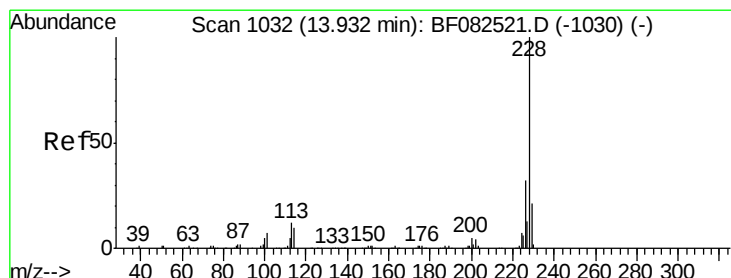
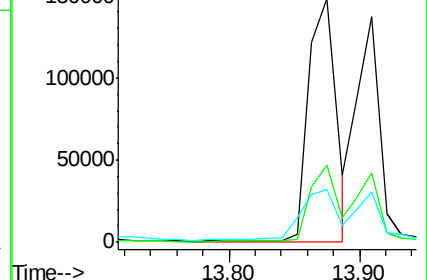
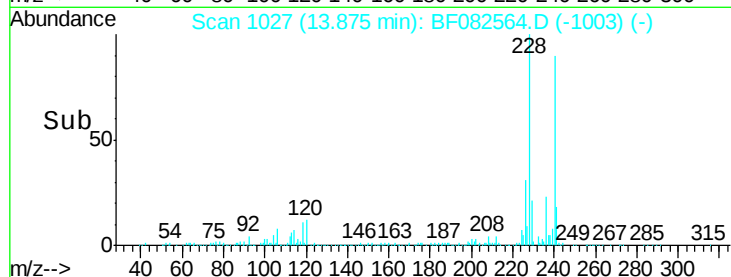
229 21.6 16.1 24.1



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: 25.71 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

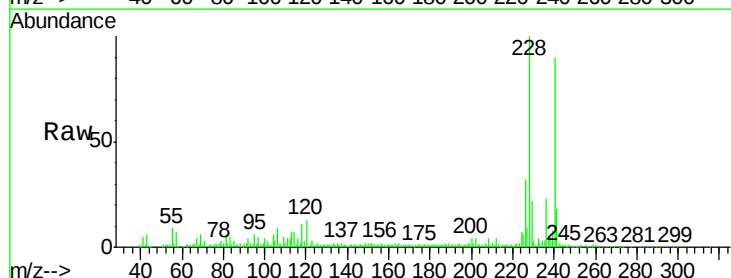
Tgt Ion:228 Resp: 215654

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

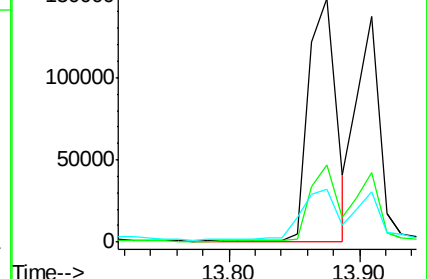
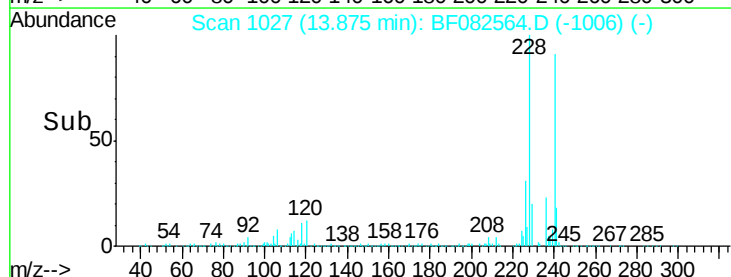
229 21.6 16.3 24.5

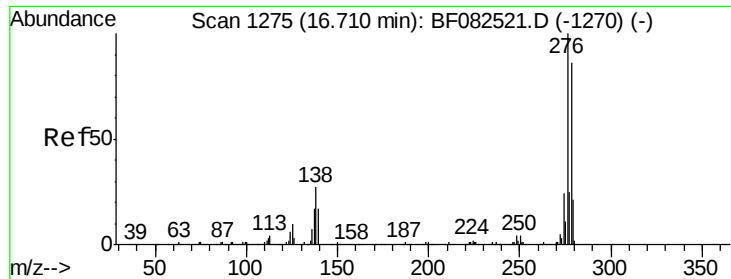


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

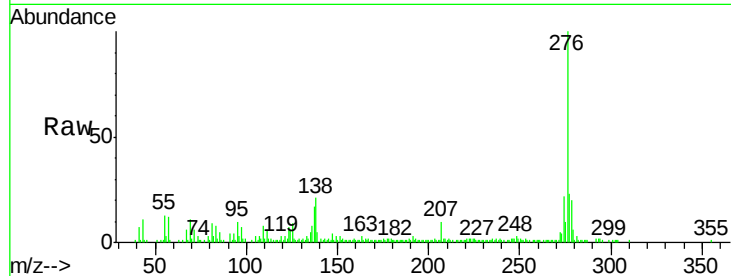




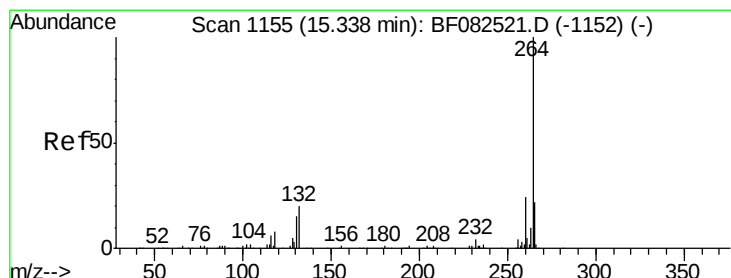
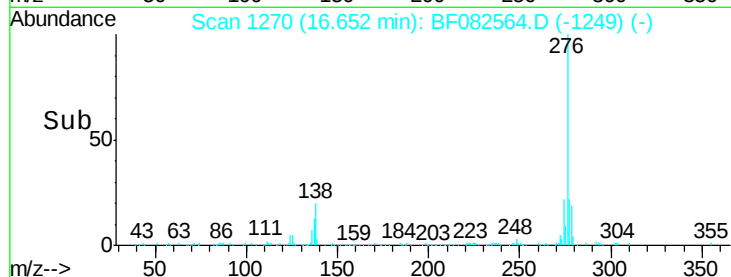
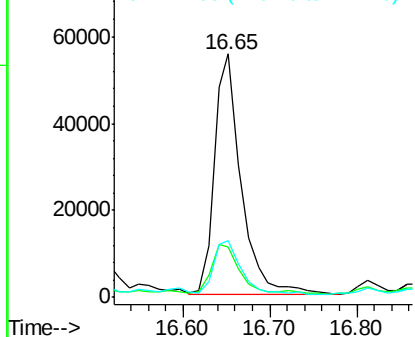
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.33 ng
 RT: 16.65 min Scan# 1270
 Delta R.T. -0.06 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

Instrument :
 BNA_F
 ClientSampleId :
 CWC-2-20151026

Tgt Ion: 276 Resp: 118145
 Ion Ratio Lower Upper
 276 100
 138 20.7 20.6 30.8
 277 23.3 19.9 29.9

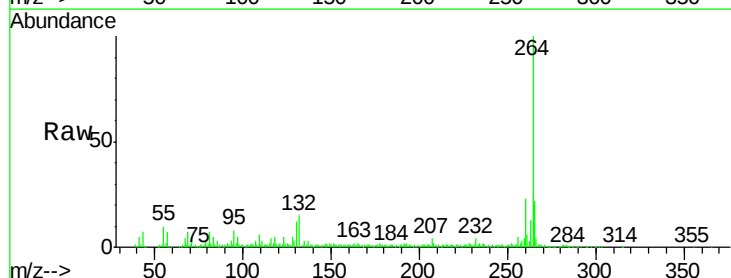


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

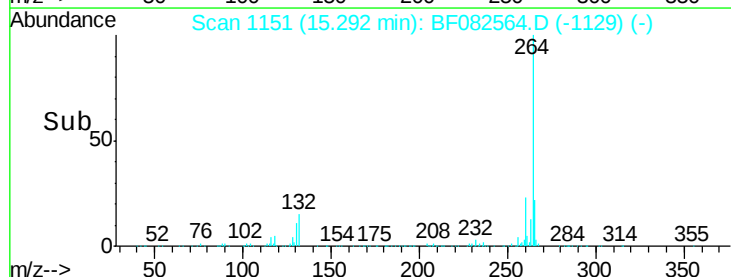
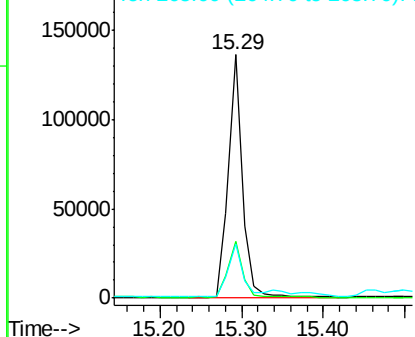


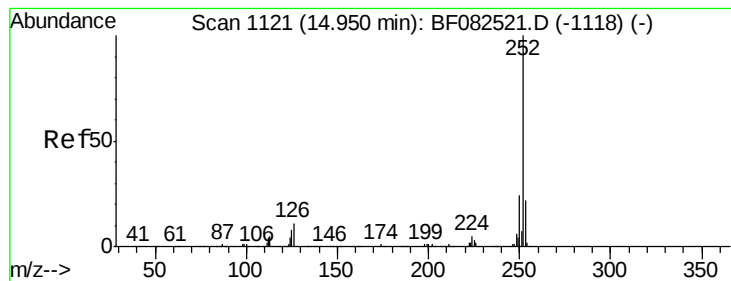
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

Tgt Ion: 264 Resp: 168049
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.4 17.8 26.6



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





#87

Benzo(b)fluoranthene

Concen: 31.29 ng

RT: 14.89 min Scan# 1116

Delta R.T. -0.06 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

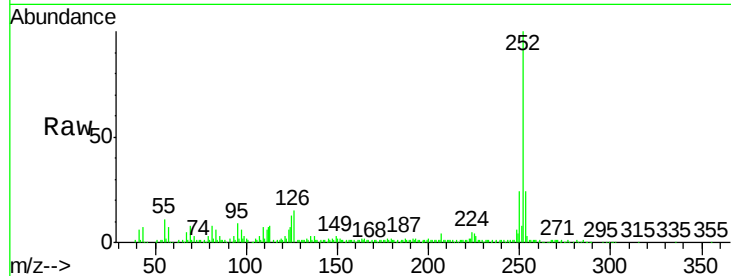
Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

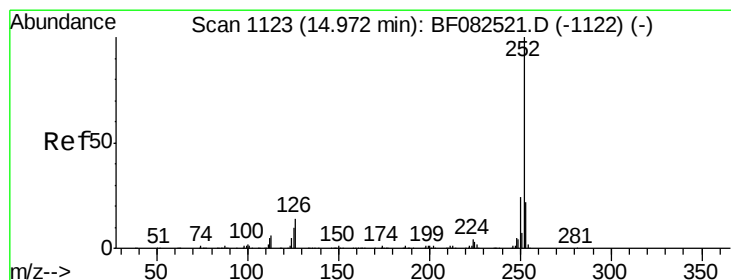
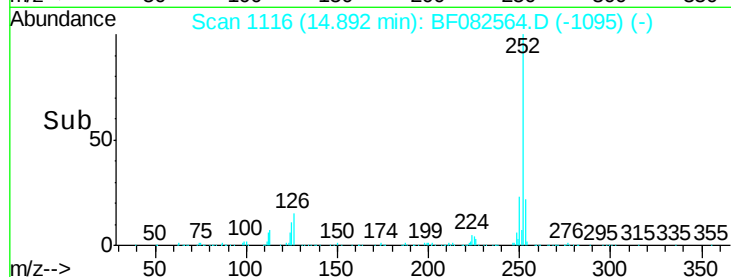
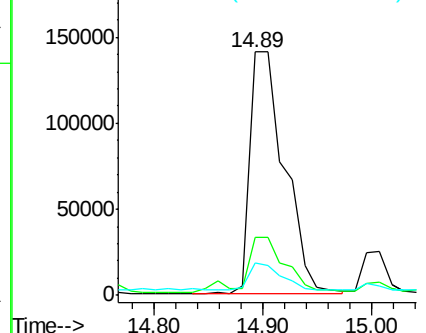
Tgt Ion:	252	Resp:	312302
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	13.2	6.6	10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.39 ng

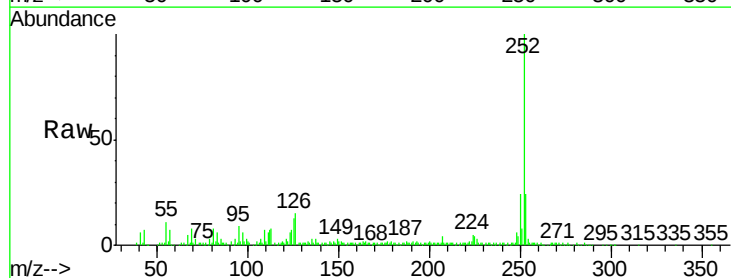
RT: 14.89 min Scan# 1116

Delta R.T. -0.08 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

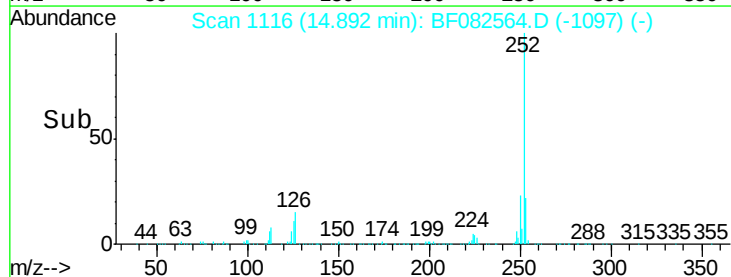
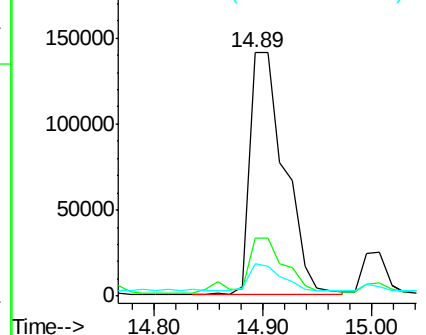
Tgt Ion:	252	Resp:	312302
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	13.2	8.7	13.1#

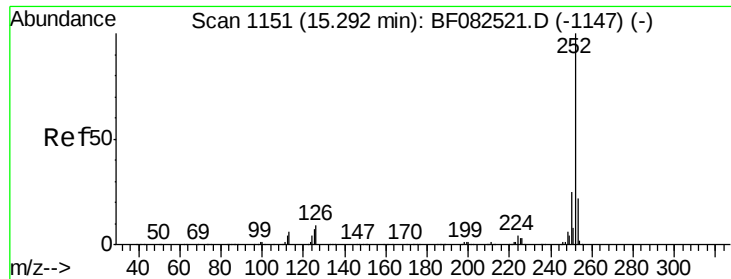


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 20.36 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

Instrument :

BNA_F

ClientSampleId :

CWC-2-20151026

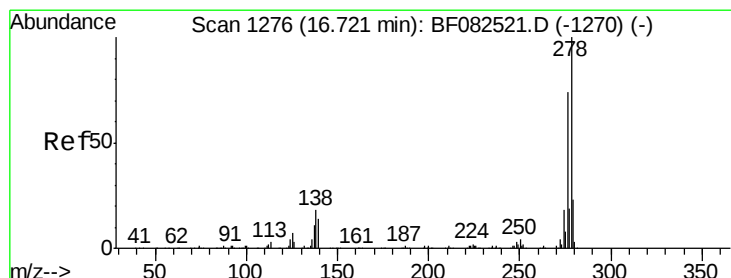
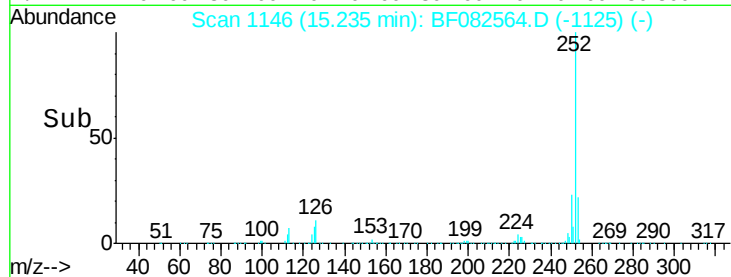
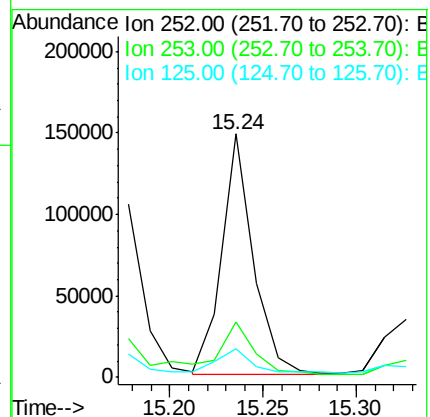
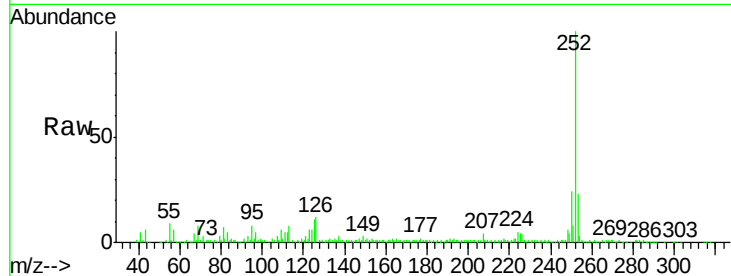
Tgt Ion:252 Resp: 176001

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 11.5 5.9 8.9#



#90

Dibenzo(a,h)anthracene

Concen: 3.74 ng

RT: 16.65 min Scan# 1270

Delta R.T. -0.07 min

Lab File: BF082564.D

Acq: 27 Oct 2015 23:38

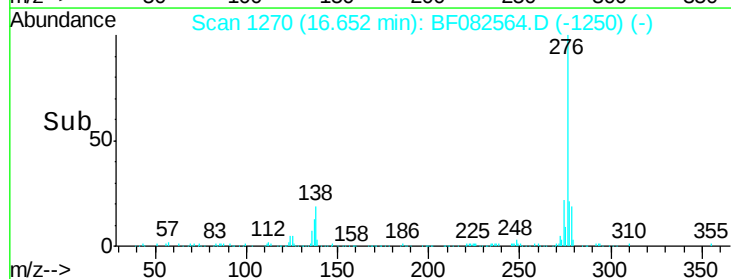
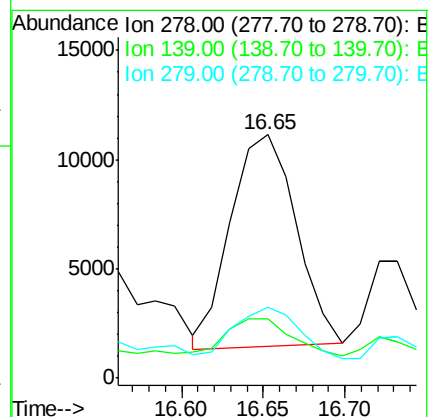
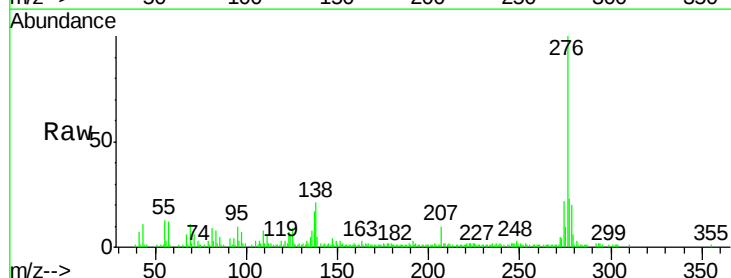
Tgt Ion:278 Resp: 27021

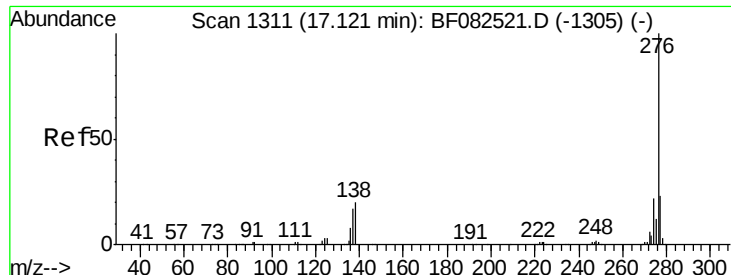
Ion Ratio Lower Upper

278 100

139 24.1 11.6 17.4#

279 29.3 18.7 28.1#

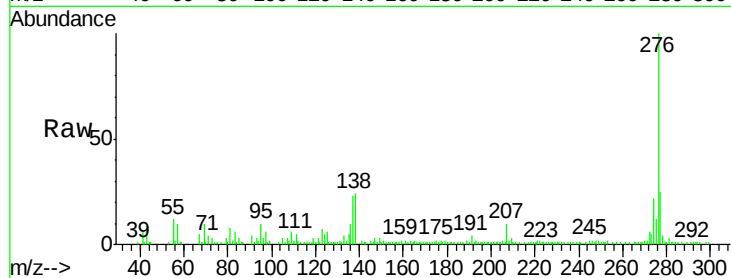




#91
 Benzo(g,h,i)perylene
 Concen: 16.12 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF082564.D
 Acq: 27 Oct 2015 23:38

Instrument :
 BNA_F
 ClientSampleId :
 CWC-2-20151026

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	24.3	16.0	24.0



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

