

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082874.D
 Acq On : 10 Nov 2015 17:22
 Operator : UM/IZ
 Sample : G4347-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-7-20151109

Quant Time: Nov 10 18:01:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 16:08:48 2015
 Response via : Initial Calibration

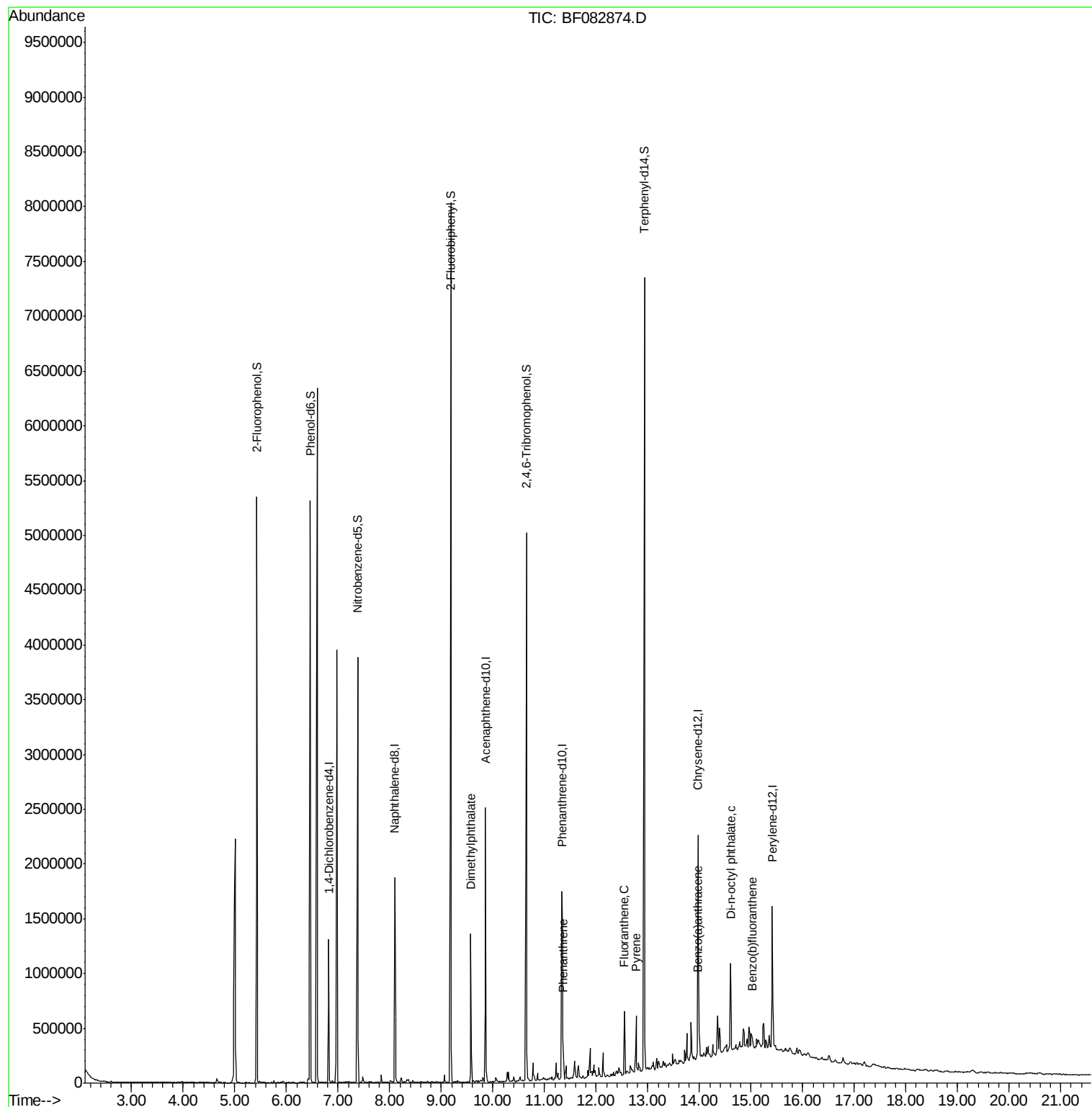
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	233105	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	856273	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	484781	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	845282	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	714033	20.00	ng	-0.01
86) Perylene-d12	15.41	264	600864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1649411	110.09	ng	0.01
7) Phenol-d6	6.46	99	2625164	131.80	ng	0.00
23) Nitrobenzene-d5	7.38	82	1450395	73.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	540769	97.29	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2260978	66.84	ng	0.00
78) Terphenyl-d14	12.93	244	2362709	78.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	500312	12.60	ng	99
70) Phenanthrene	11.36	178	159210	3.24	ng	97
74) Fluoranthene	12.54	202	217191	4.12	ng	98
77) Pyrene	12.77	202	203311	4.15	ng	97
80) Benzo(a)anthracene	13.96	228	99653	2.23	ng	99
84) Di-n-octyl phthalate	14.60	149	378915	7.66	ng	# 98
87) Benzo(b)fluoranthene	15.01	252	86463m	2.24	ng	

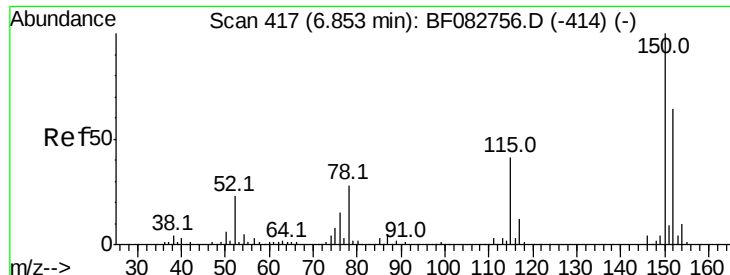
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 10 16:08:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Instrument :

BNA_F

ClientSampleId :

CWC-7-20151109

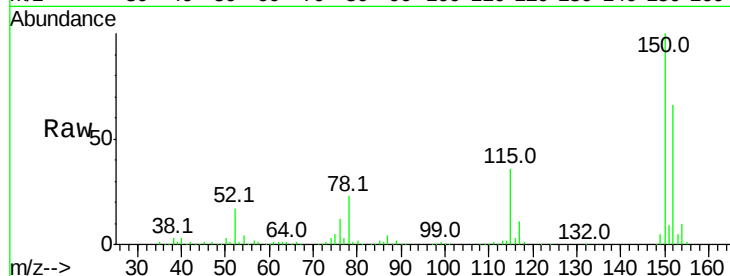
Tot Ion:152 Resp: 233105

Ion Ratio Lower Upper

152 100

150 152.0 127.0 190.4

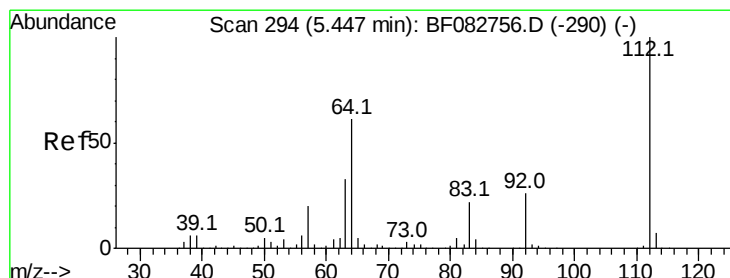
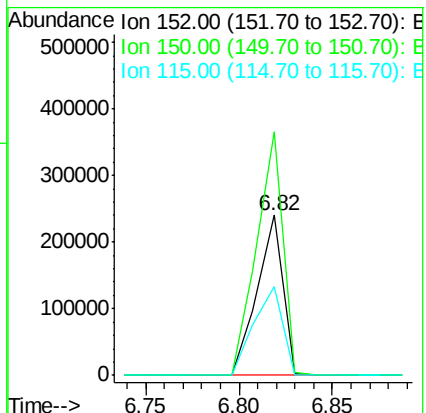
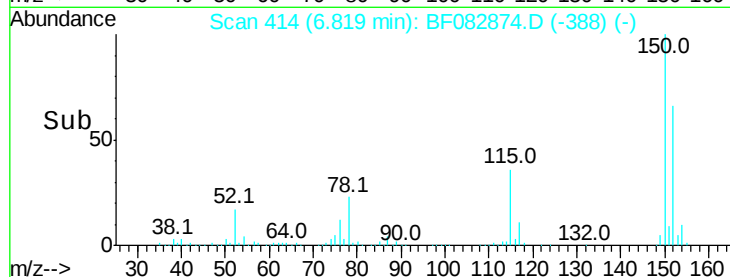
115 55.2 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 110.09 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

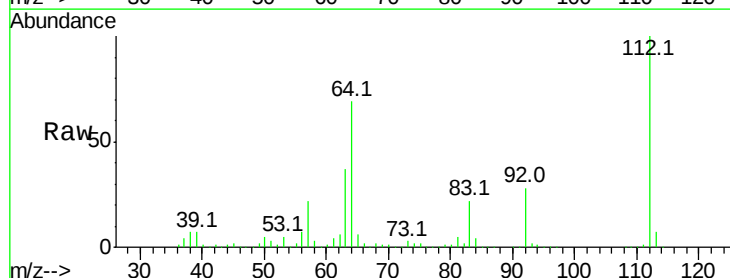
Tgt Ion:112 Resp: 1649411

Ion Ratio Lower Upper

112 100

64 69.2 48.9 73.3

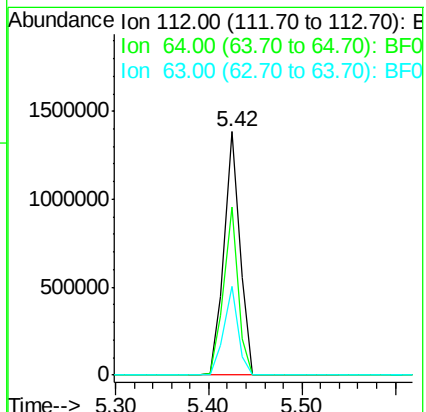
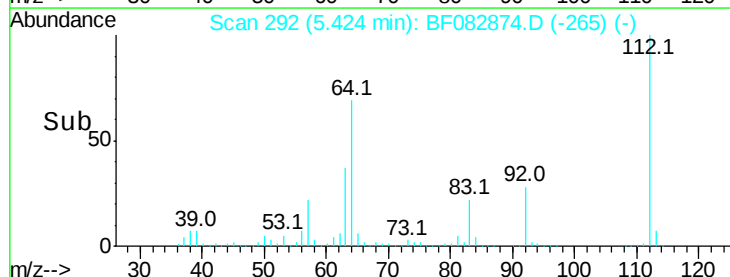
63 36.6 28.1 42.1

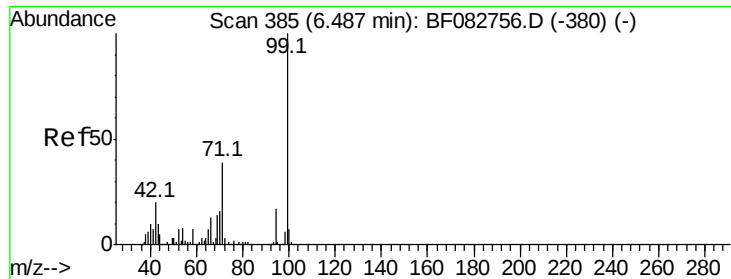


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.80 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Instrument :

BNA_F

ClientSampleId :

CWC-7-20151109

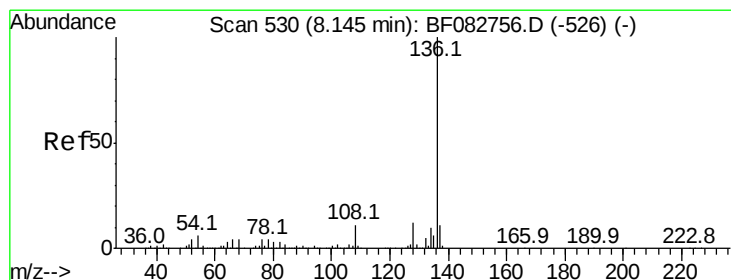
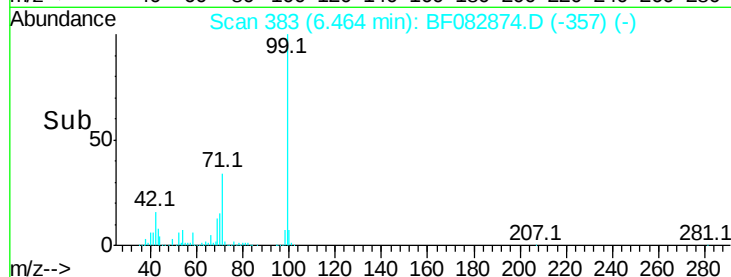
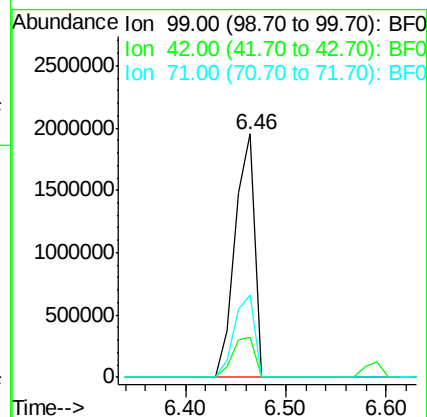
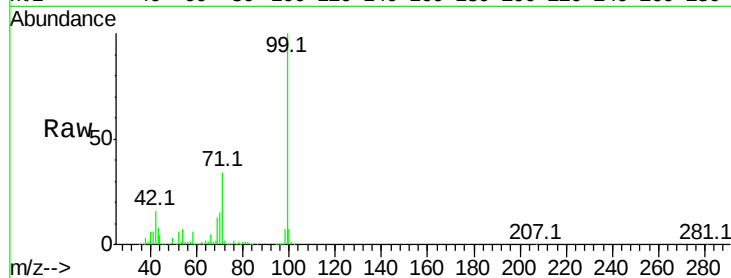
Tot Ion: 99 Resp: 2625164

Ion Ratio Lower Upper

99 100

42 16.3 19.2 28.8#

71 33.9 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Tgt Ion: 136 Resp: 856273

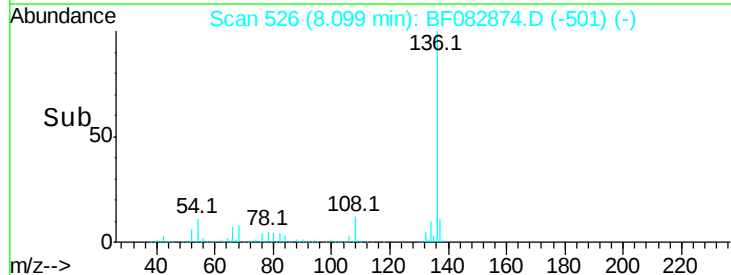
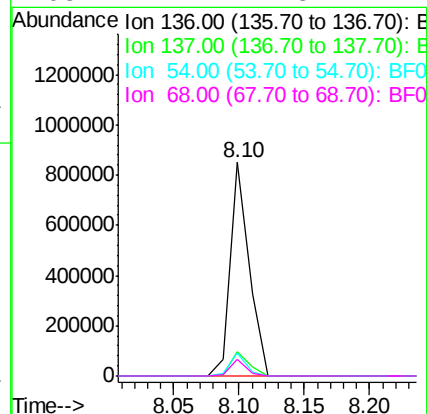
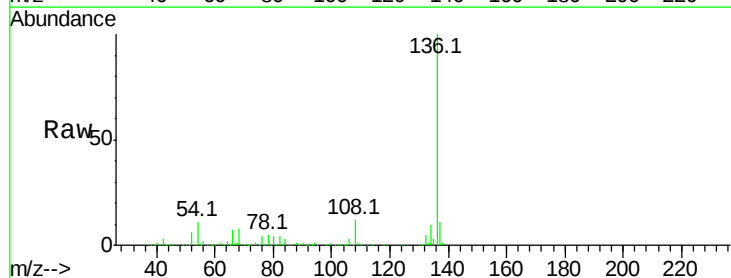
Ion Ratio Lower Upper

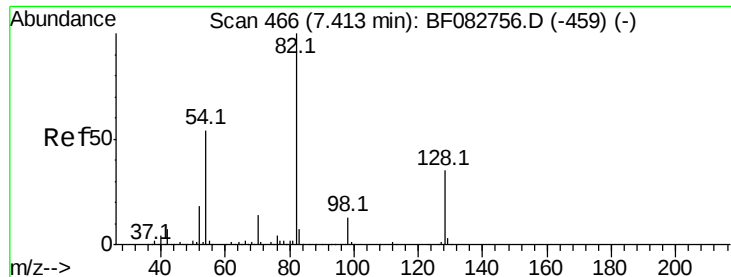
136 100

137 11.4 9.1 13.7

54 10.6 9.1 13.7

68 7.7 4.8 7.2#



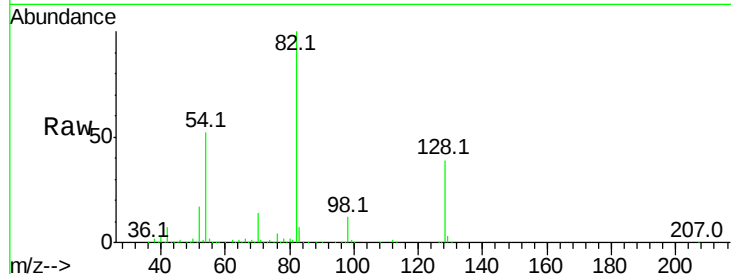


#23
 Nitrobenzene-d5
 Concen: 73.70 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082874.D
 Acq: 10 Nov 2015 17:22

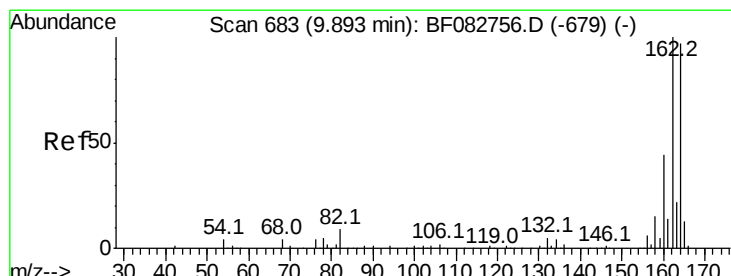
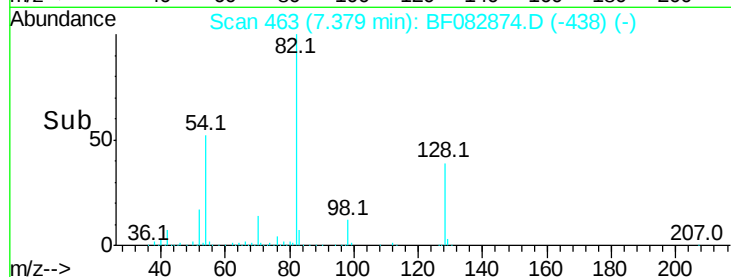
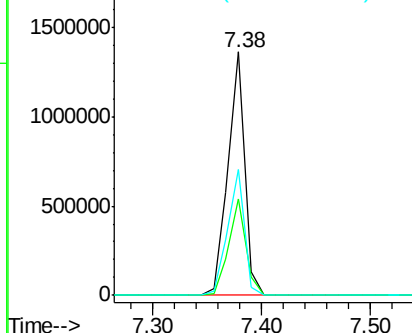
Instrument :
 BNA_F
 ClientSampleId :
 CWC-7-20151109

Tot Ion: 82 Resp: 1450395

Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.8	40.2
54	51.6	45.7	68.5



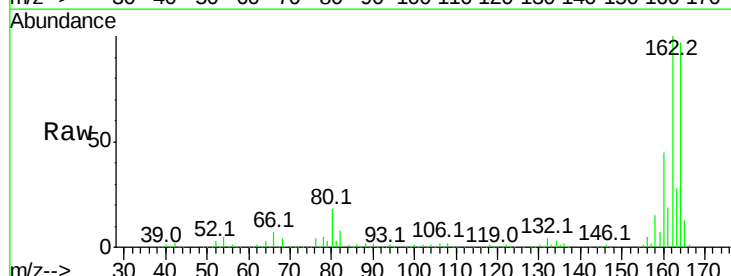
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



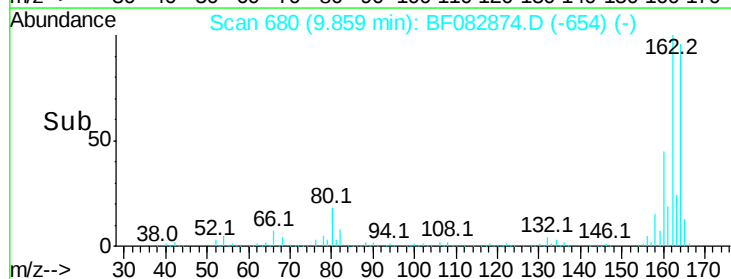
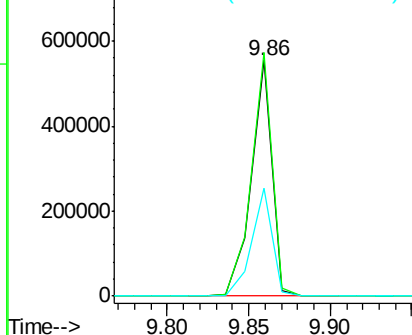
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082874.D
 Acq: 10 Nov 2015 17:22

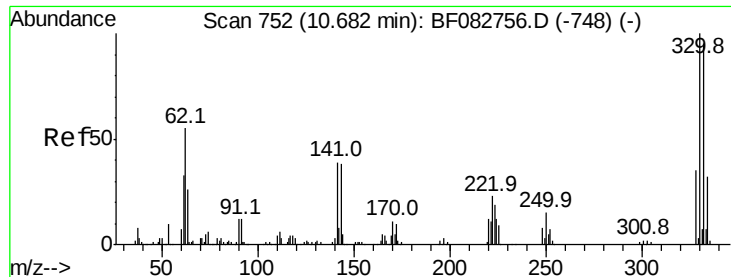
Tgt Ion: 164 Resp: 484781

Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.9	127.3
160	46.1	37.5	56.3



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

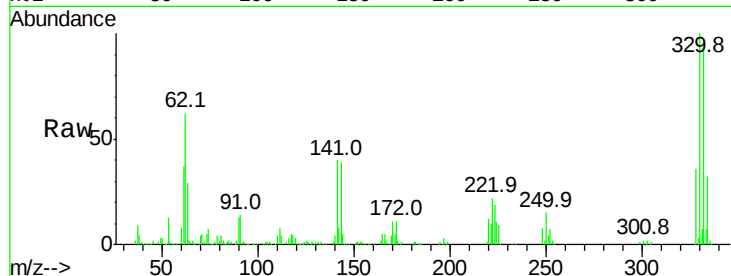




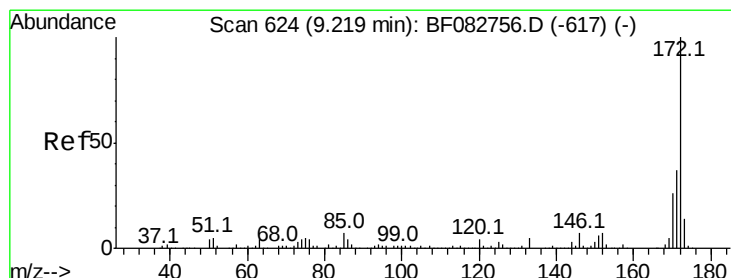
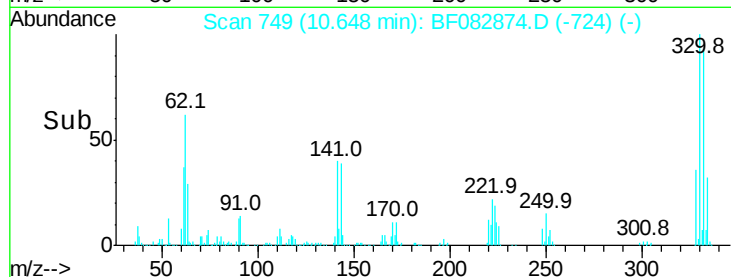
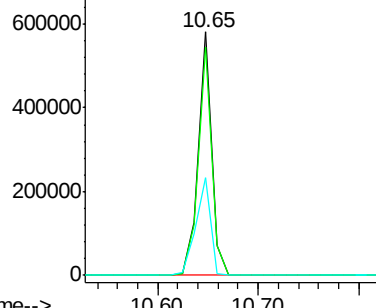
#41
 2,4,6-Tribromophenol
 Concen: 97.29 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082874.D
 Acq: 10 Nov 2015 17:22

Instrument :
 BNA_F
 ClientSampleId :
 CWC-7-20151109

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	43.7	41.2	61.8

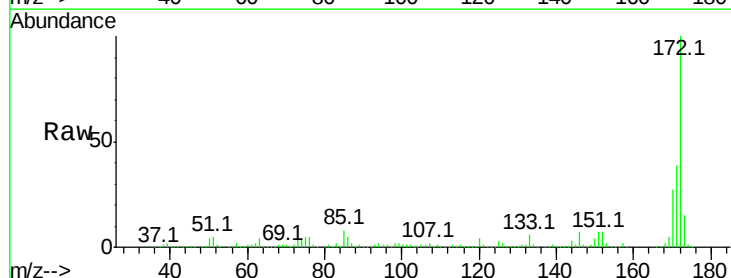


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

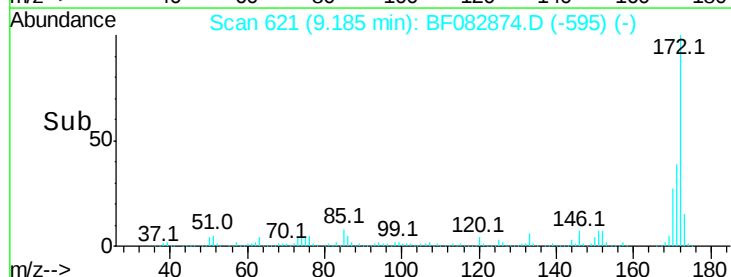
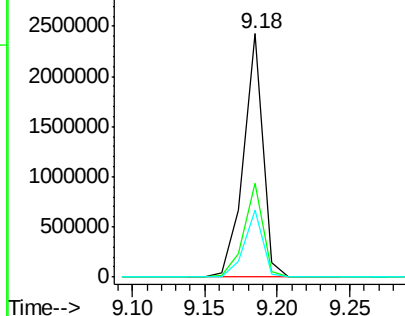


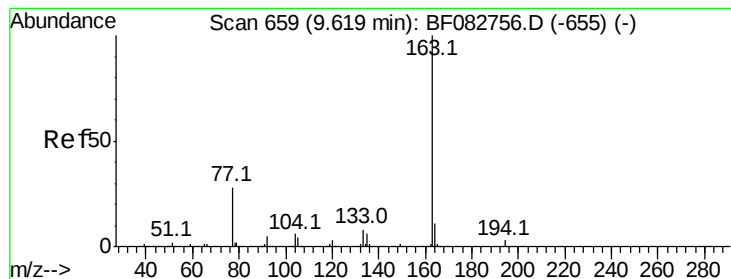
#44
 2-Fluorobiphenyl
 Concen: 66.84 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082874.D
 Acq: 10 Nov 2015 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	27.3	21.2	31.8



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





#49

Dimethylphthalate

Concen: 12.60 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Instrument :

BNA_F

ClientSampleId :

CWC-7-20151109

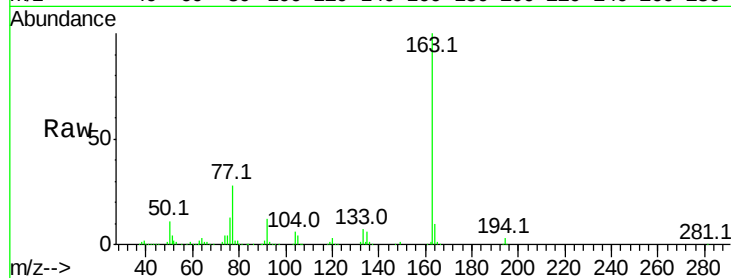
Tot Ion:163 Resp: 500312

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

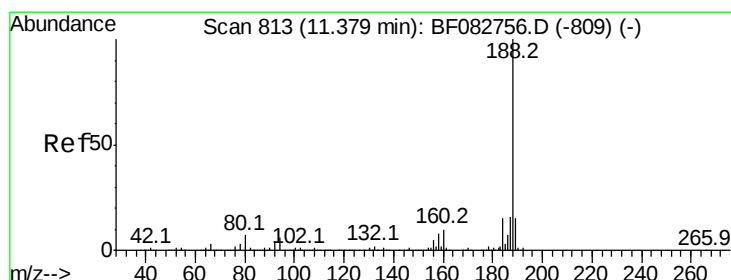
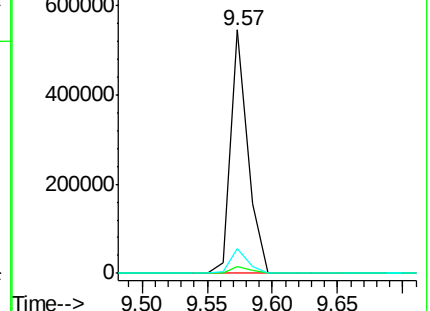
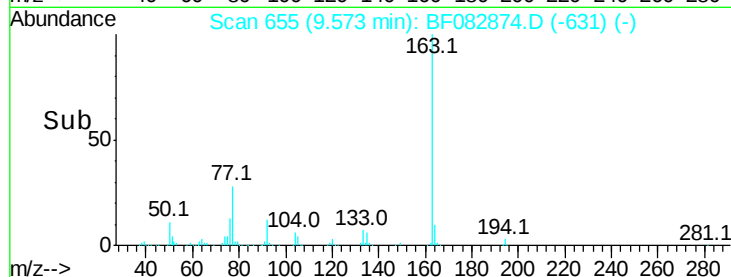
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

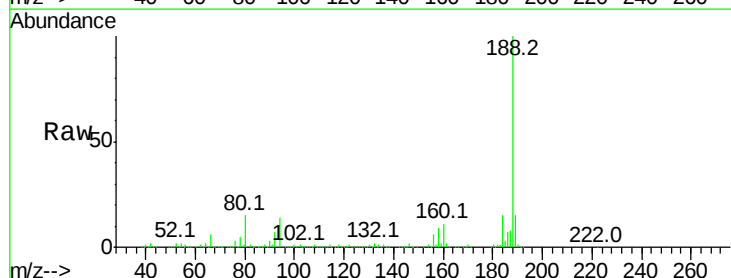
Tgt Ion:188 Resp: 845282

Ion Ratio Lower Upper

188 100

94 13.7 6.1 9.1#

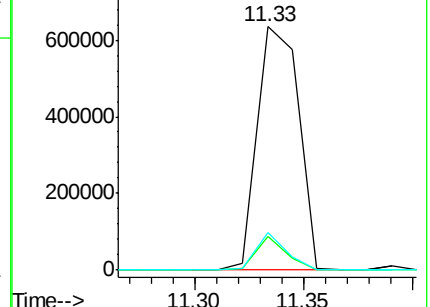
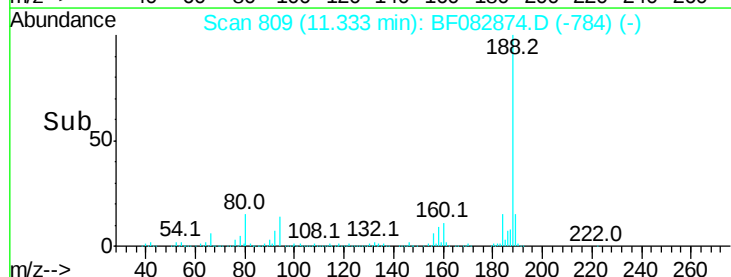
80 15.4 7.0 10.6#

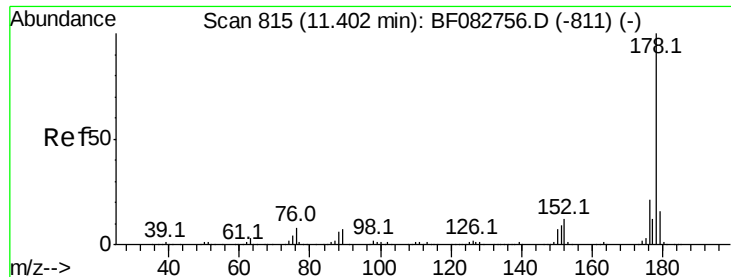


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

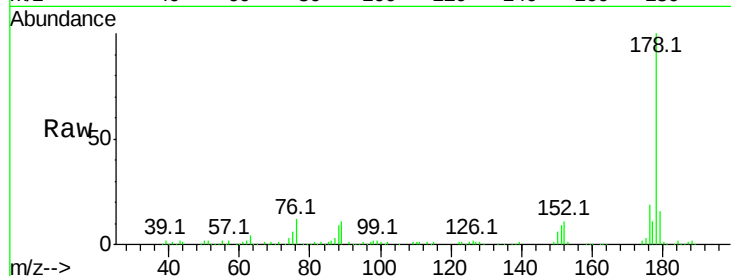




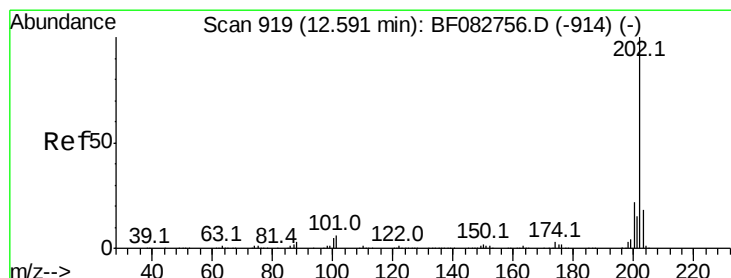
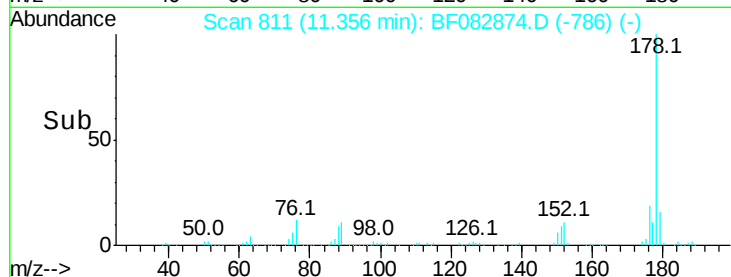
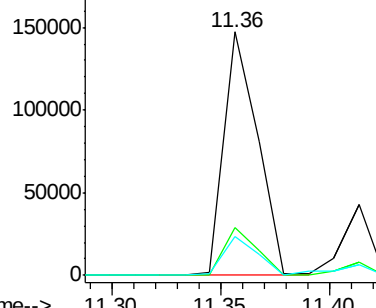
#70
Phenanthrene
Concen: 3.24 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF082874.D
Acq: 10 Nov 2015 17:22

Instrument :
BNA_F
ClientSampleId :
CWC-7-20151109

Tot Ion:178 Resp: 159210
Ion Ratio Lower Upper
178 100
176 19.4 17.0 25.4
179 15.9 13.4 20.0

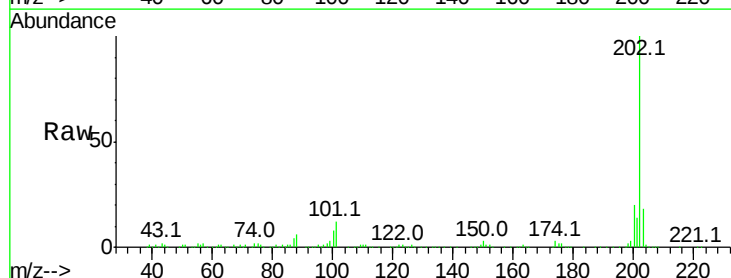


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

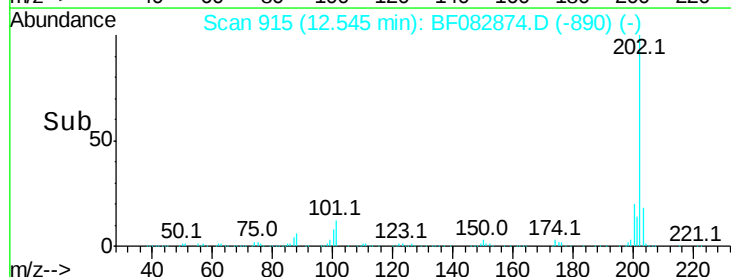
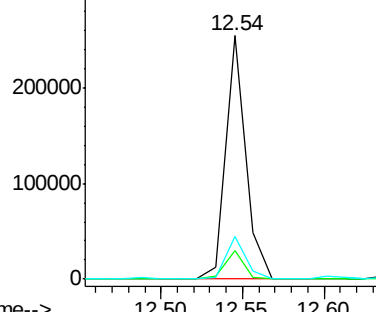


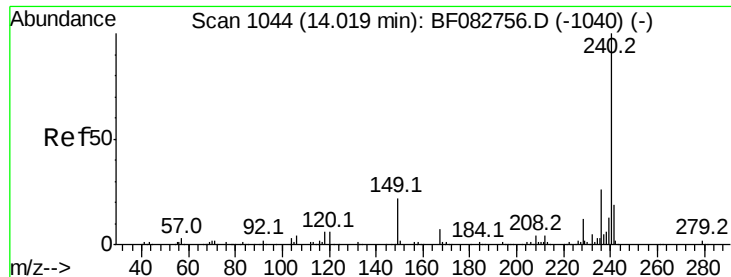
#74
Fluoranthene
Concen: 4.12 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF082874.D
Acq: 10 Nov 2015 17:22

Tgt Ion:202 Resp: 217191
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.5
203 17.7 0.0 38.5



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: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Instrument :

BNA_F

ClientSampleId :

CWC-7-20151109

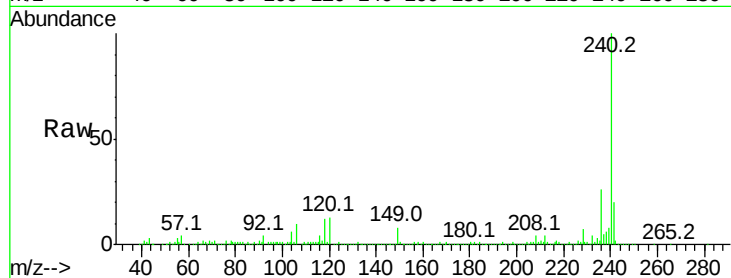
Tot Ion:240 Resp: 714033

Ion Ratio Lower Upper

240 100

120 13.1 10.9 16.3

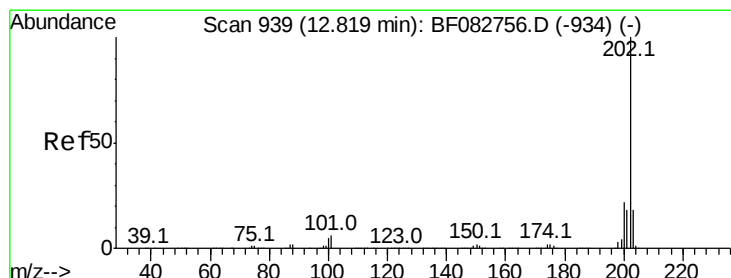
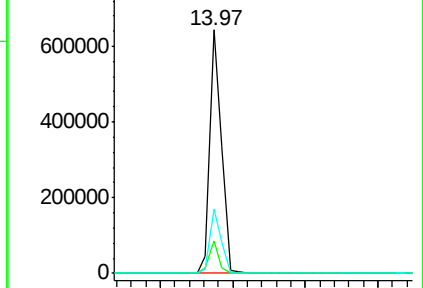
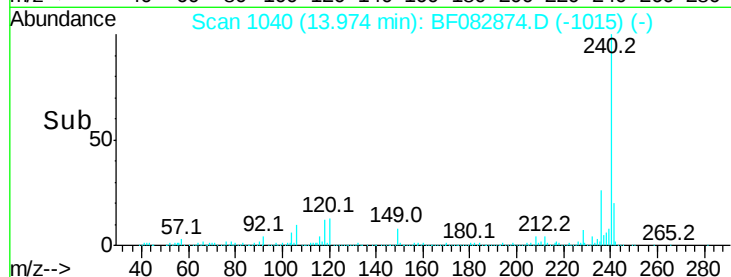
236 26.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.15 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

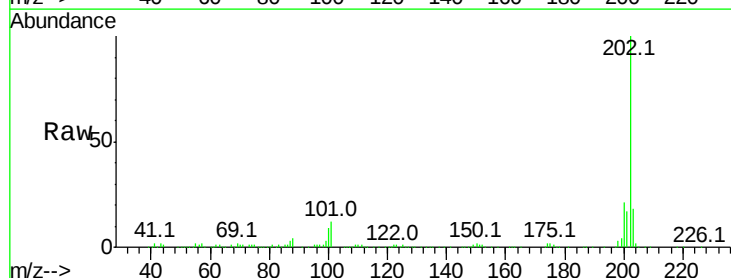
Tgt Ion:202 Resp: 203311

Ion Ratio Lower Upper

202 100

200 21.5 18.7 28.1

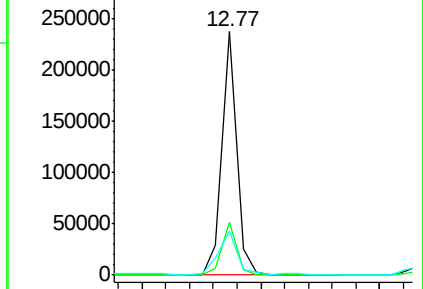
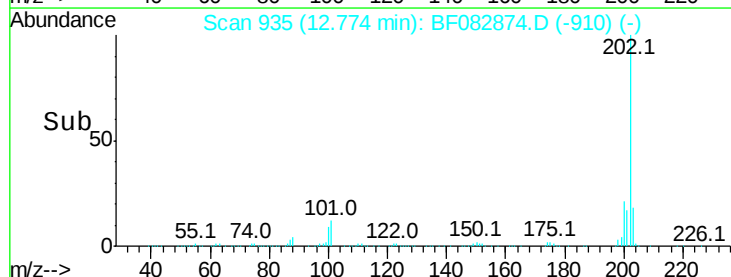
203 18.1 14.8 22.2

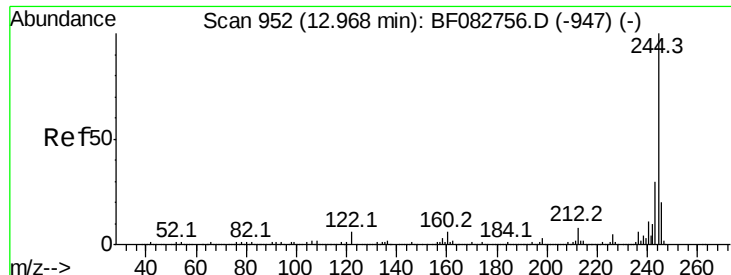


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.48 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Instrument :

BNA_F

ClientSampleId :

CWC-7-20151109

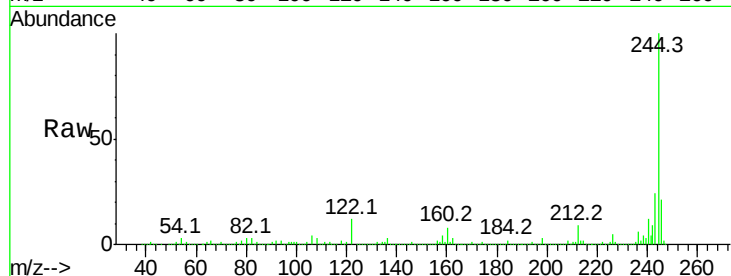
Tot Ion:244 Resp: 2362709

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

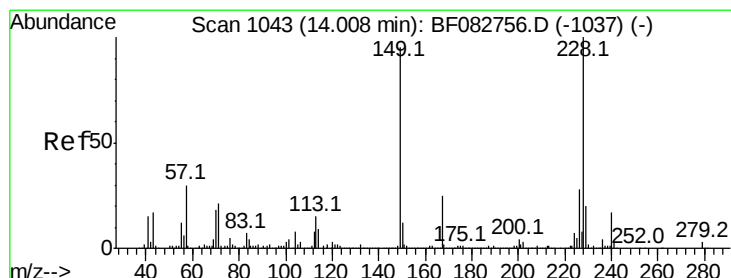
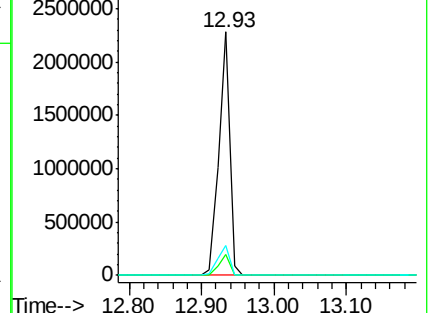
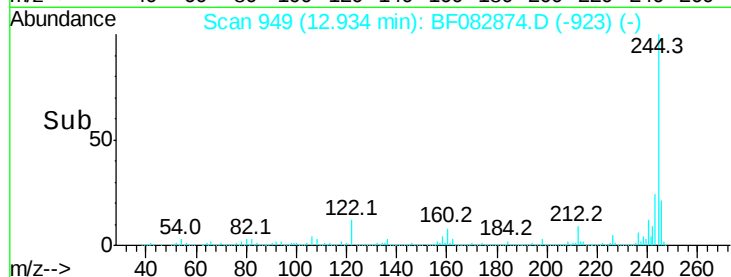
122 12.1 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.23 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

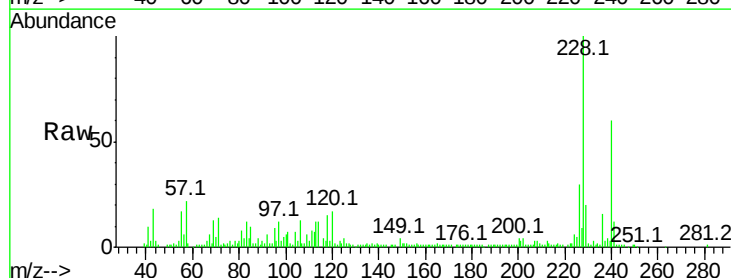
Tgt Ion:228 Resp: 99653

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

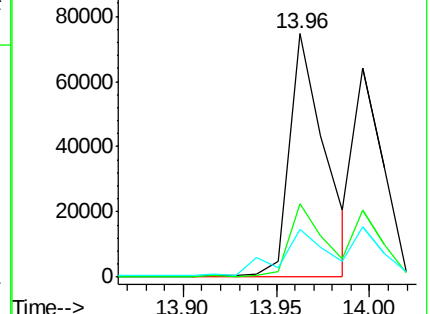
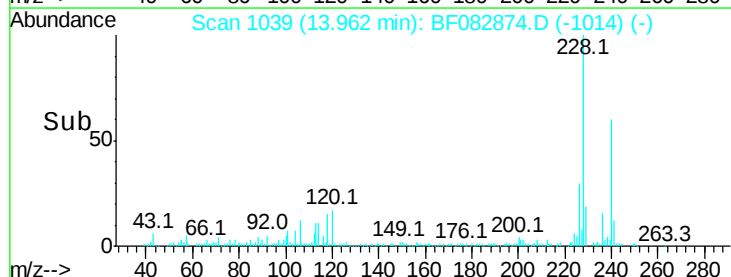
229 19.9 16.3 24.5

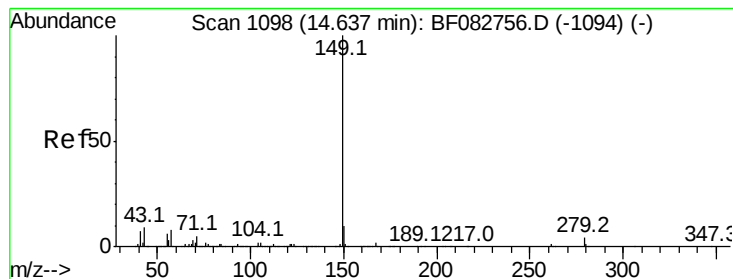


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 7.66 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

Instrument :

BNA_F

ClientSampleId :

CWC-7-20151109

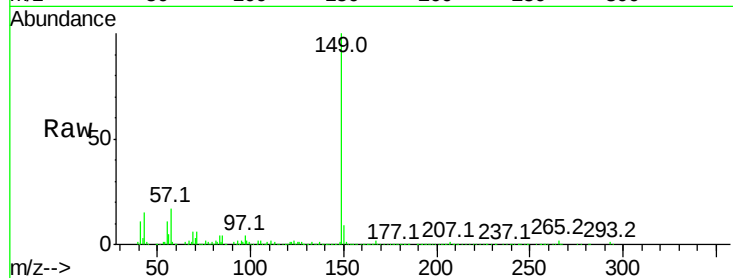
Tot Ion:149 Resp: 378915

Ion Ratio Lower Upper

149 100

167 2.5 1.3 1.9#

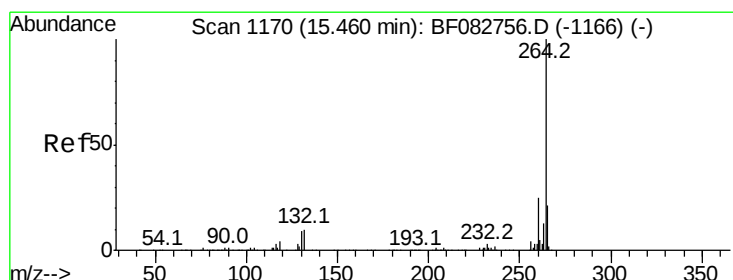
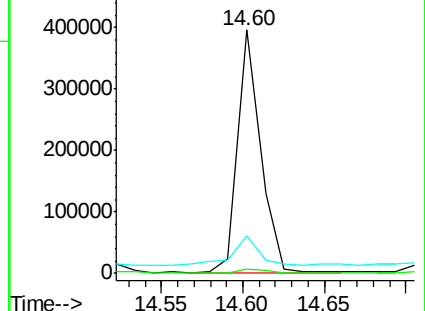
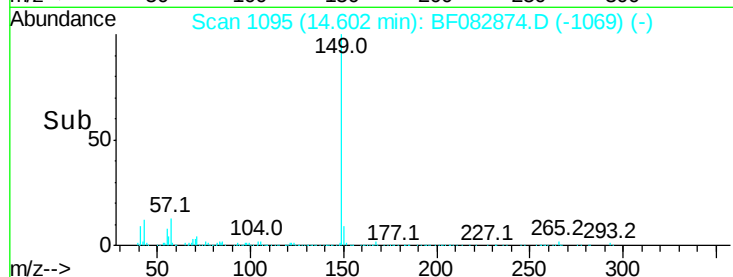
43 13.4 10.1 15.1



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF082874.D

Acq: 10 Nov 2015 17:22

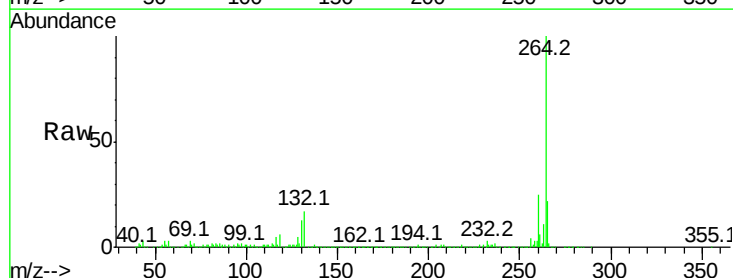
Tgt Ion:264 Resp: 600864

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

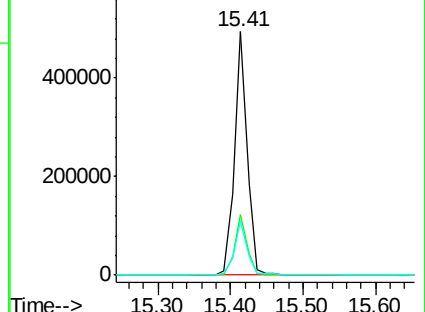
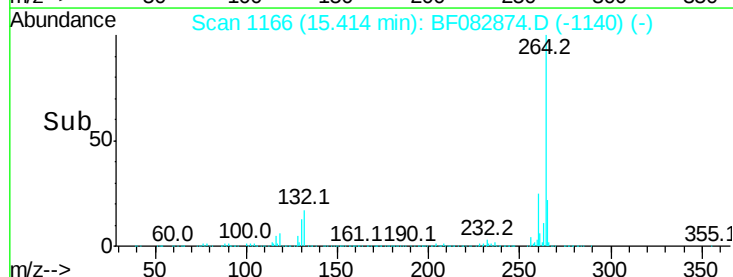
265 22.2 17.4 26.0

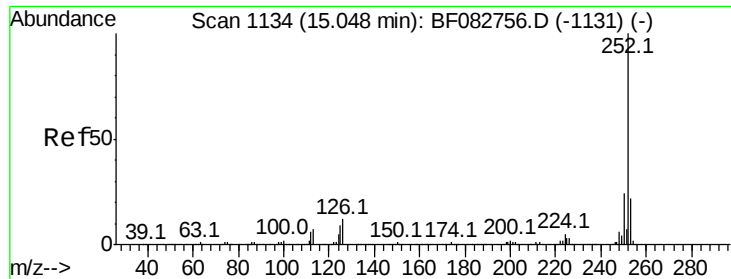


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.24 ng m
 RT: 15.01 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF082874.D
 Acq: 10 Nov 2015 17:22

Instrument :
 BNA_F
 ClientSampleId :
 CWC-7-20151109

Tot Ion: 252 Resp: 86463
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.8 26.8
 125 17.6 5.4 8.2#

