

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082873.D
 Acq On : 10 Nov 2015 16:53
 Operator : UM/IZ
 Sample : G4347-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-6-20151109

Quant Time: Nov 10 17:41:38 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

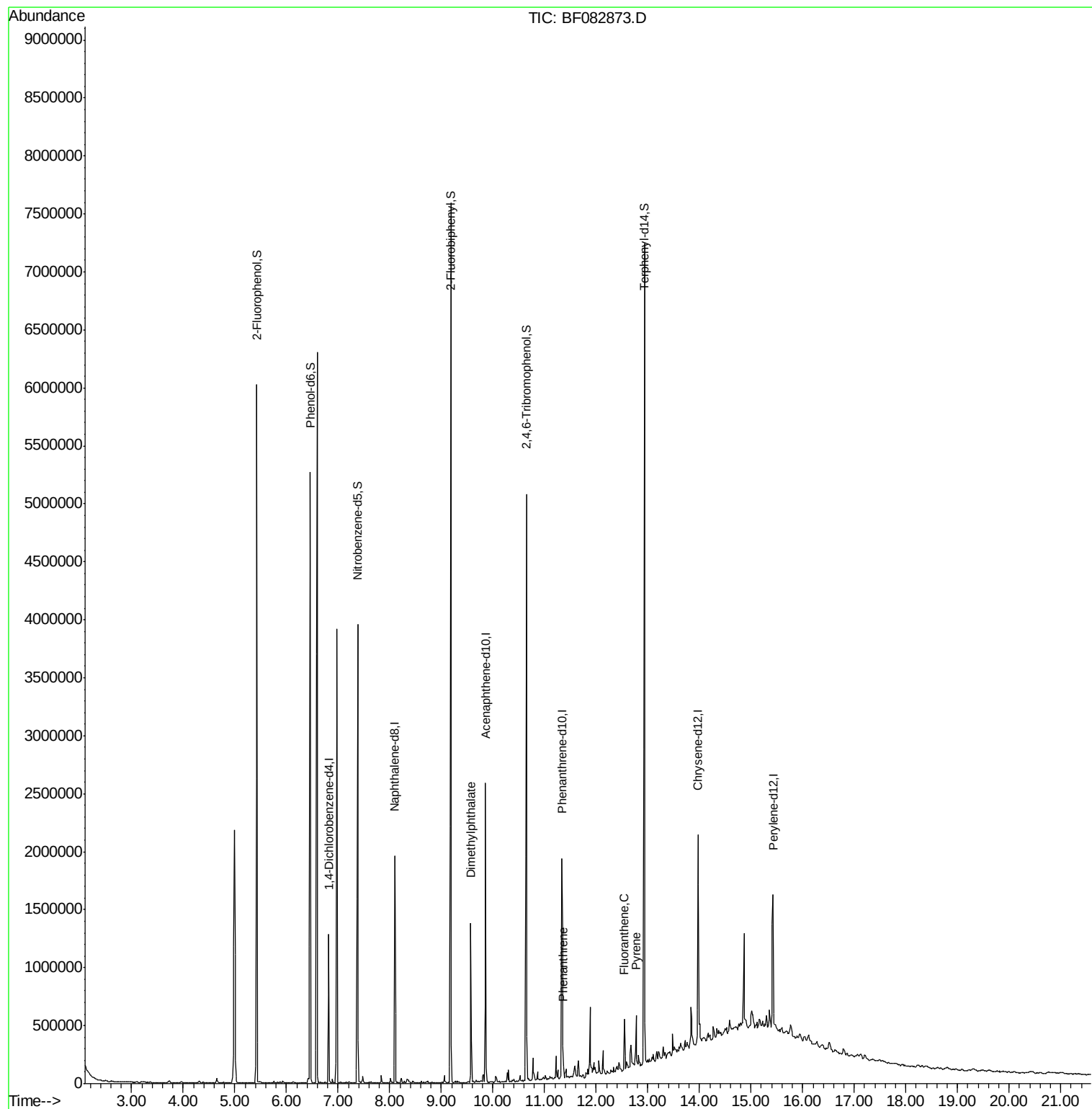
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	234568	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	873948	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	498213	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	883175	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	794798	20.00	ng	-0.01
86) Perylene-d12	15.43	264	631562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1669756	110.76	ng	0.01
7) Phenol-d6	6.46	99	2667386	133.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	1448713	72.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	553952	96.97	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2153587	61.95	ng	0.00
78) Terphenyl-d14	12.93	244	2189375	65.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	543582	13.32	ng	Qvalue 100
70) Phenanthrene	11.36	178	108206	2.11	ng	97
74) Fluoranthene	12.55	202	169391	3.08	ng	96
77) Pyrene	12.77	202	174992	3.21	ng	96

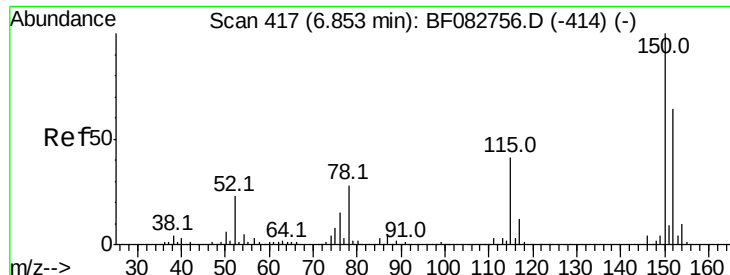
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

CWC-6-20151109

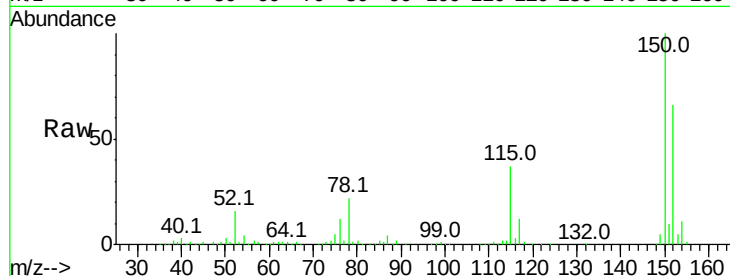
Tot Ion:152 Resp: 234568

Ion Ratio Lower Upper

152 100

150 152.1 127.0 190.4

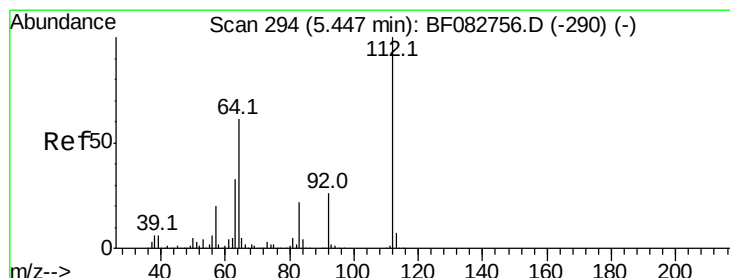
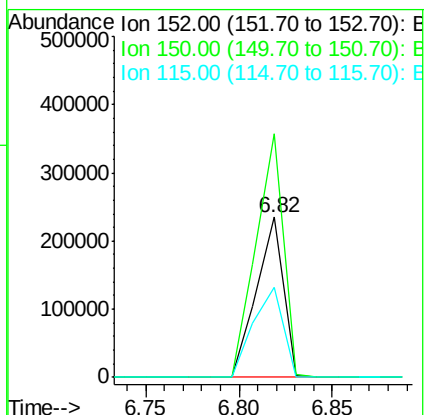
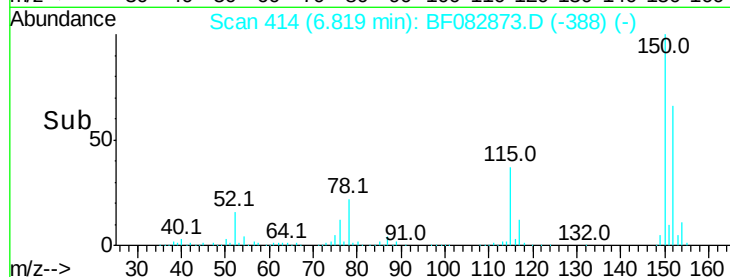
115 56.5 47.0 70.6



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: 110.76 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

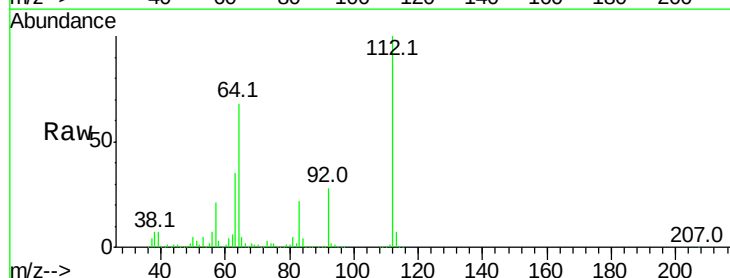
Tgt Ion:112 Resp: 1669756

Ion Ratio Lower Upper

112 100

64 67.9 48.9 73.3

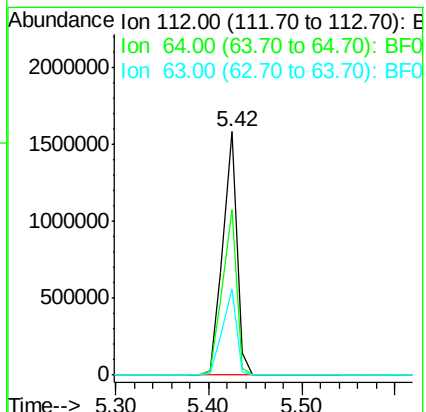
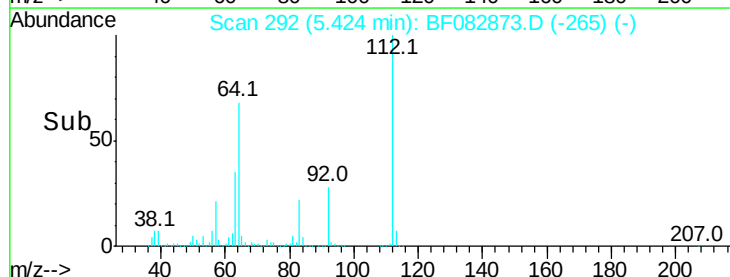
63 35.4 28.1 42.1

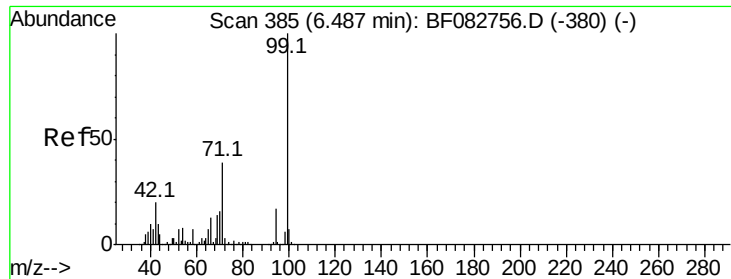


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.09 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

CWC-6-20151109

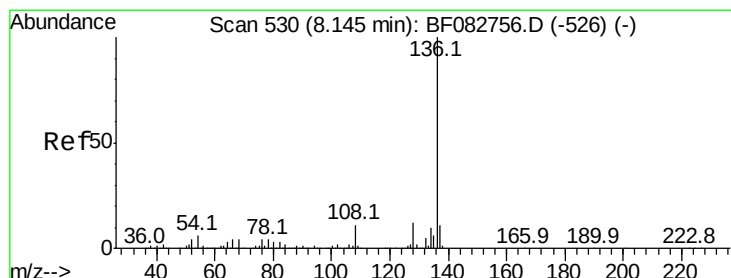
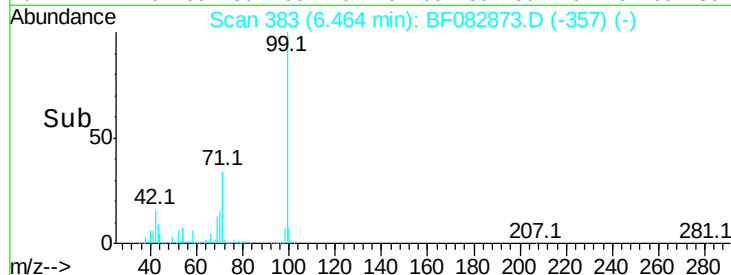
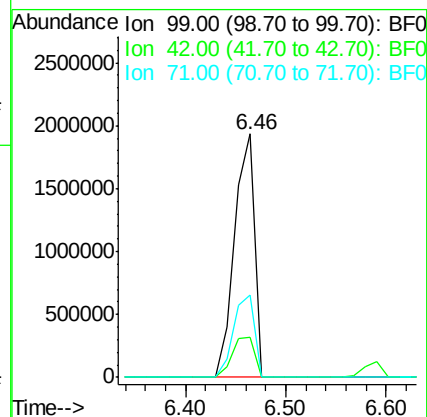
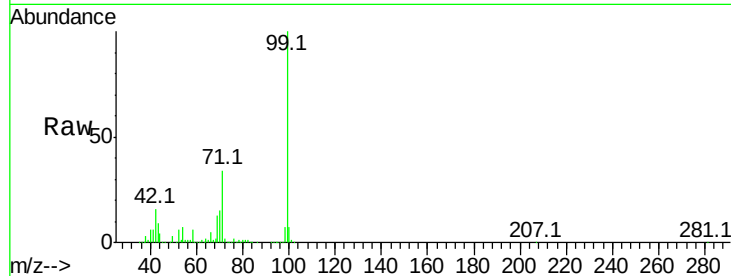
Tot Ion: 99 Resp: 2667386

Ion Ratio Lower Upper

99 100

42 16.3 19.2 28.8#

71 33.6 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: BF082873.D

Acq: 10 Nov 2015 16:53

Tgt Ion: 136 Resp: 873948

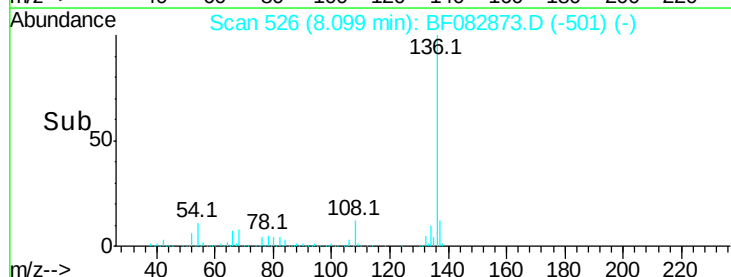
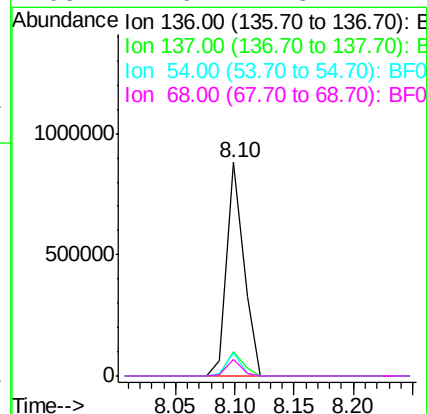
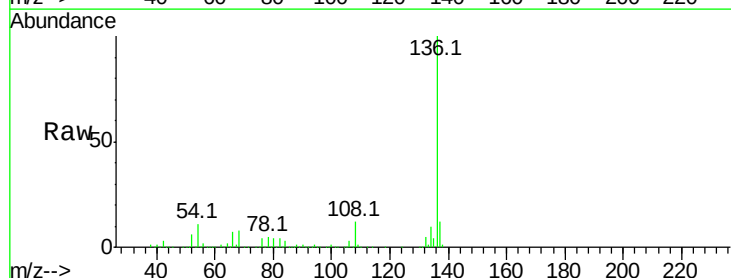
Ion Ratio Lower Upper

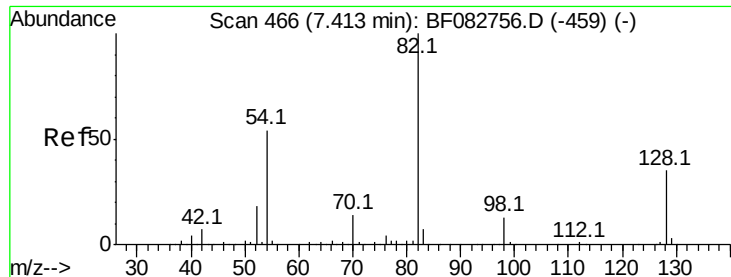
136 100

137 11.6 9.1 13.7

54 11.0 9.1 13.7

68 7.6 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 72.13 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

CWC-6-20151109

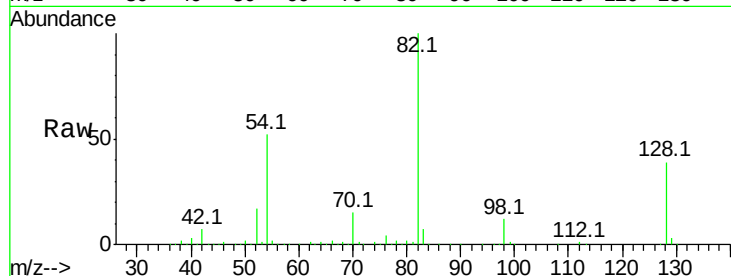
Tot Ion: 82 Resp: 1448713

Ion Ratio Lower Upper

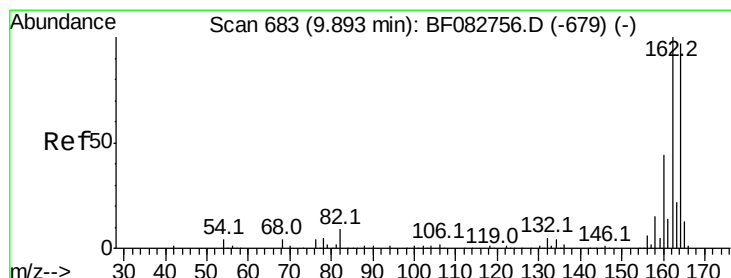
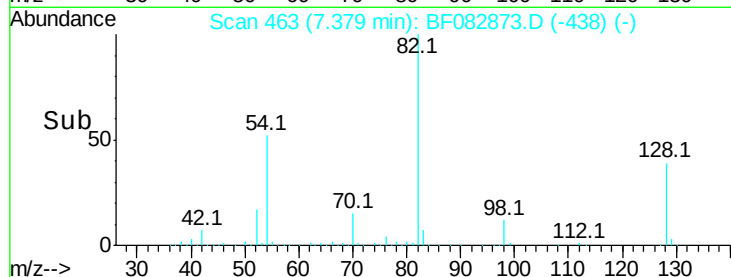
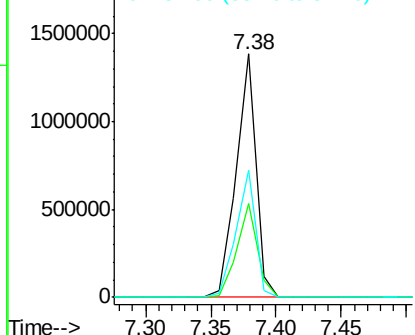
82 100

128 38.6 26.8 40.2

54 52.4 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: BF082873.D

Acq: 10 Nov 2015 16:53

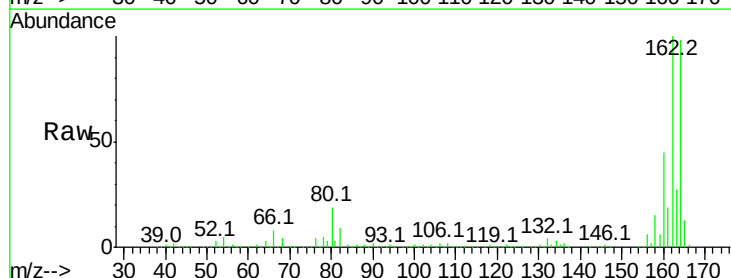
Tgt Ion:164 Resp: 498213

Ion Ratio Lower Upper

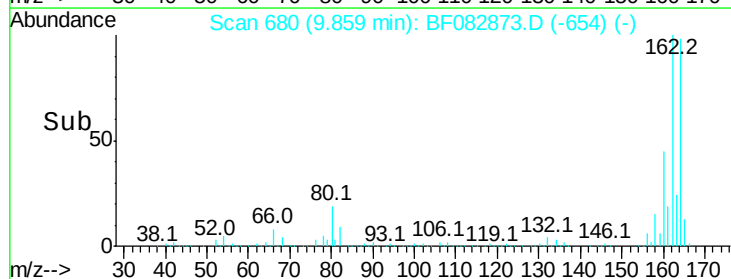
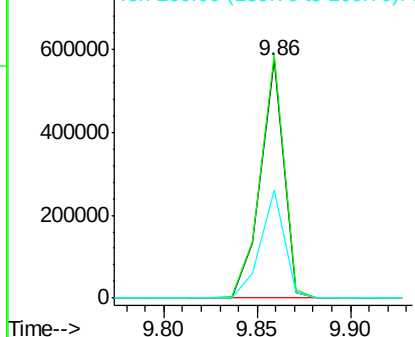
164 100

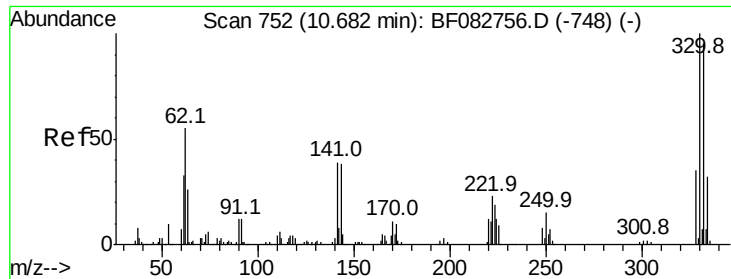
162 102.1 84.9 127.3

160 45.5 37.5 56.3



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

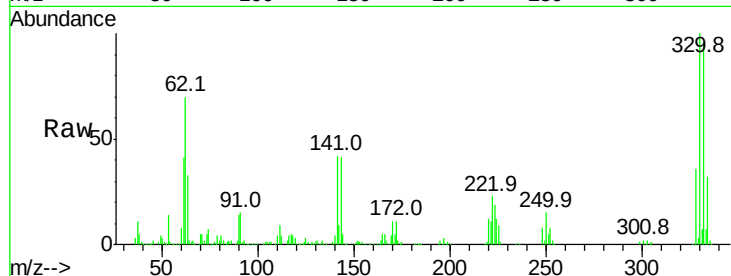




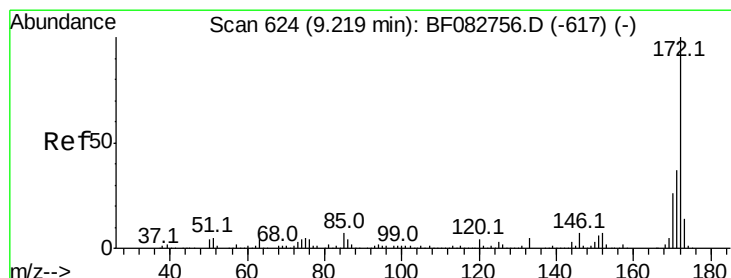
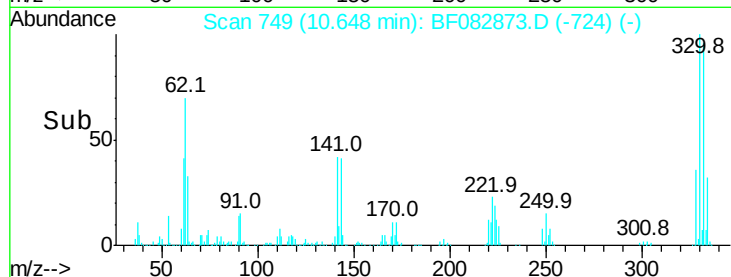
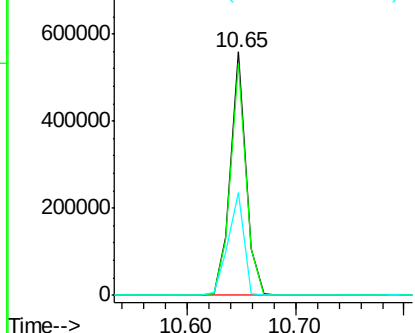
#41
 2,4,6-Tribromophenol
 Concen: 96.97 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CWC-6-20151109

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	43.0	41.2	61.8

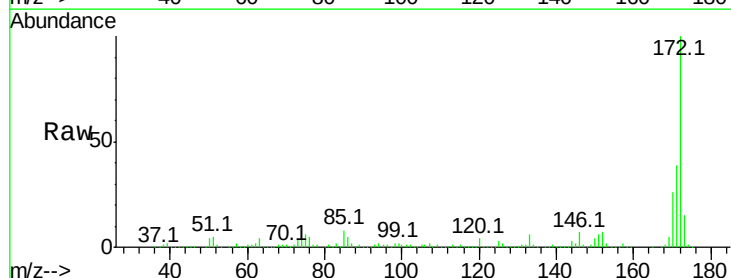


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

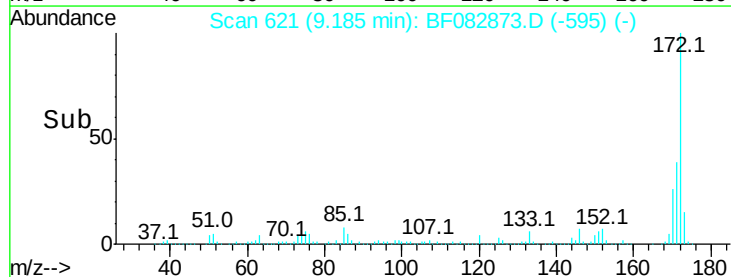
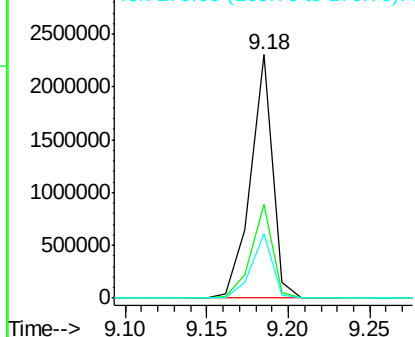


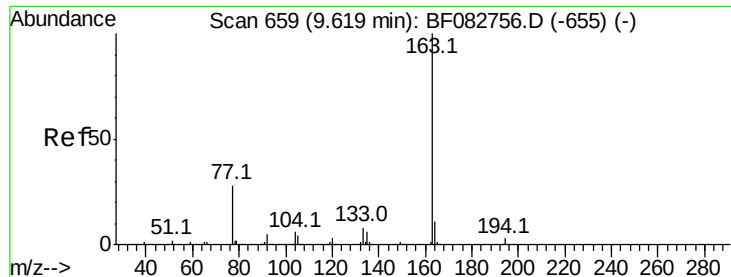
#44
 2-Fluorobiphenyl
 Concen: 61.95 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	26.5	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: 13.32 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

CWC-6-20151109

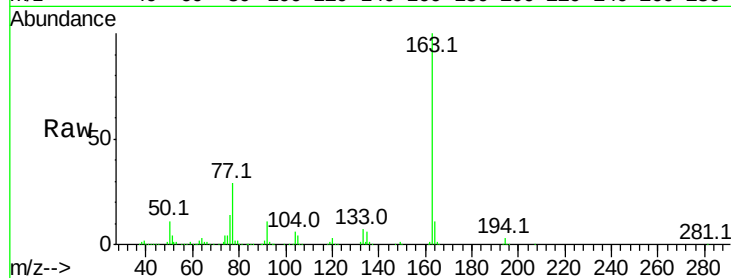
Tot Ion:163 Resp: 543582

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

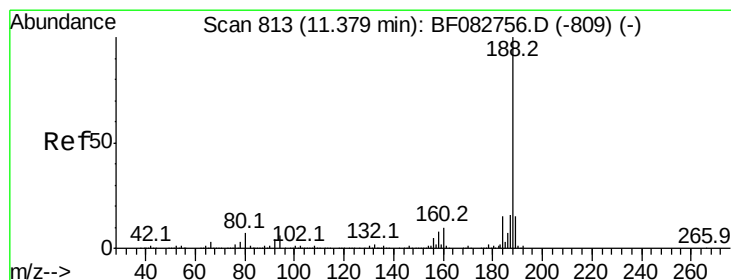
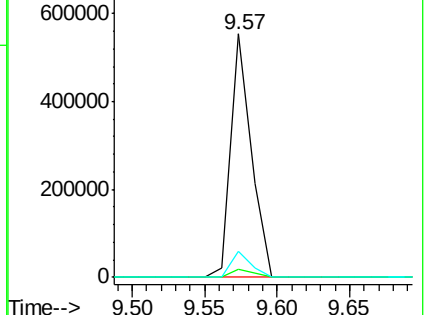
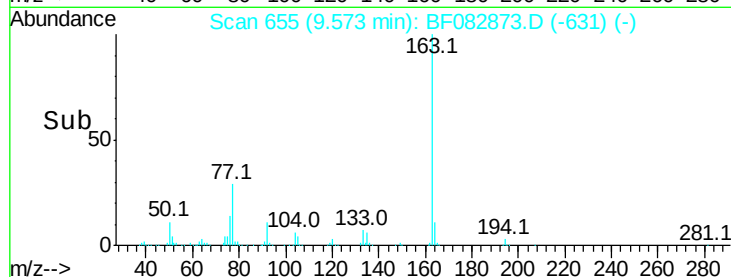
164 10.9 8.7 13.1



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: BF082873.D

Acq: 10 Nov 2015 16:53

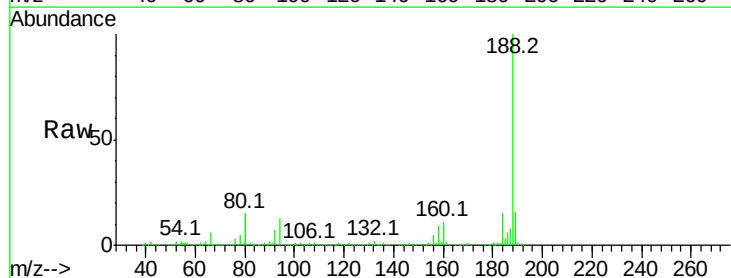
Tgt Ion:188 Resp: 883175

Ion Ratio Lower Upper

188 100

94 13.1 6.1 9.1#

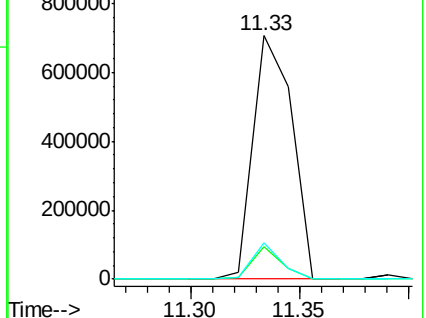
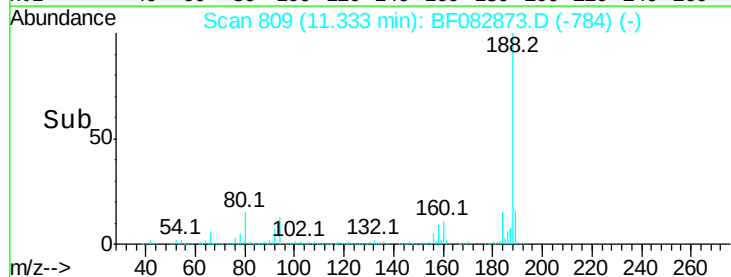
80 15.0 7.0 10.6#

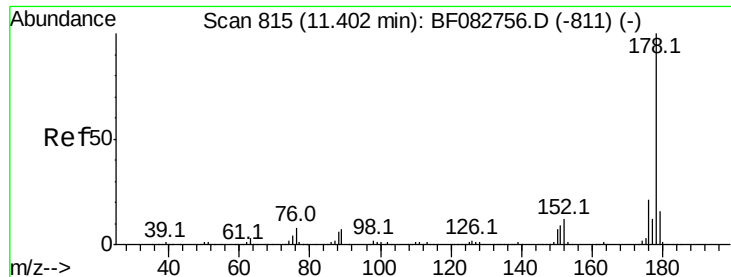


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

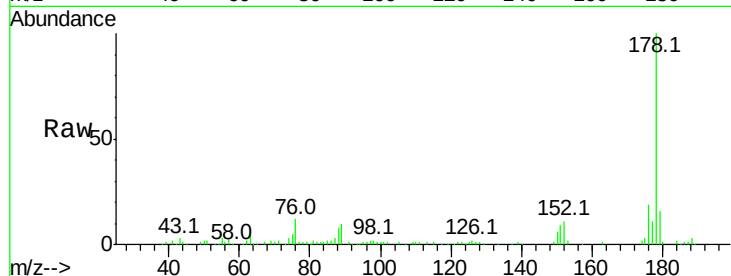




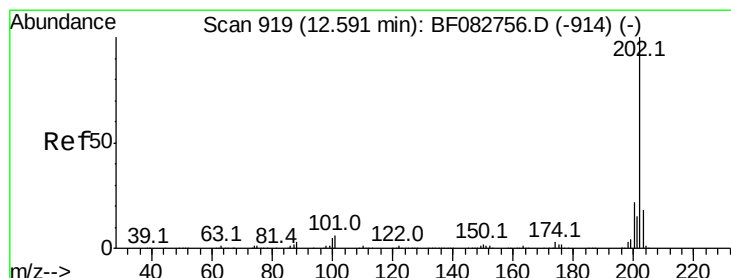
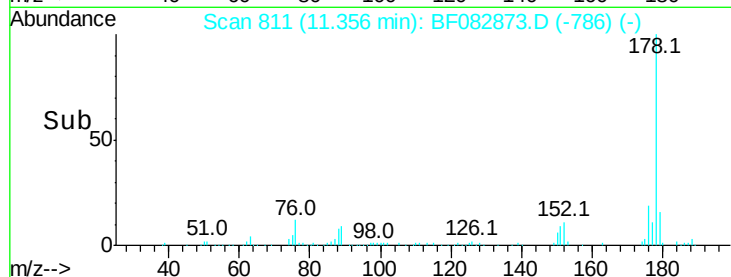
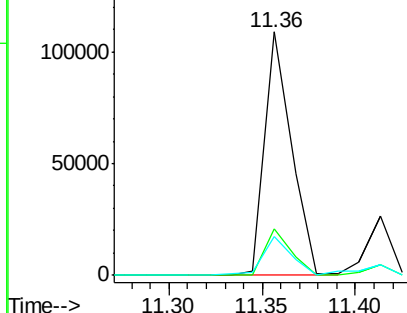
#70
Phenanthrene
Concen: 2.11 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

Instrument :
BNA_F
ClientSampleId :
CWC-6-20151109

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.0	25.4
179	16.2	13.4	20.0

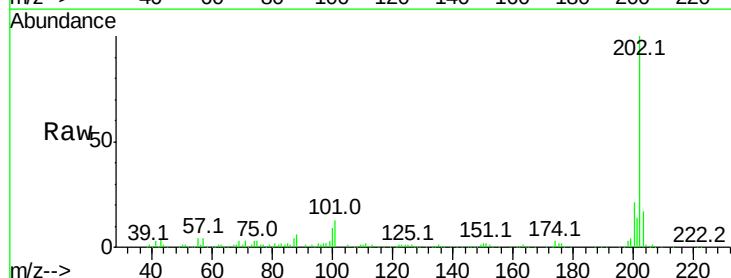


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

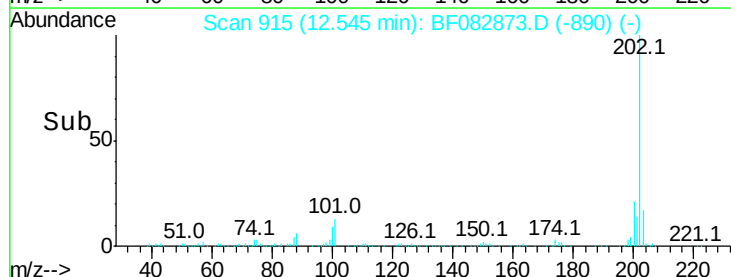
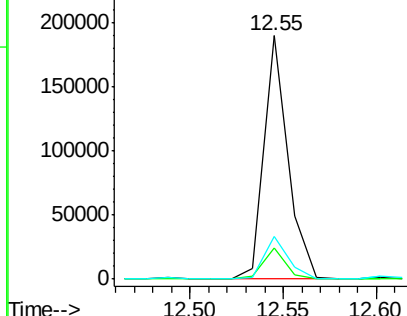


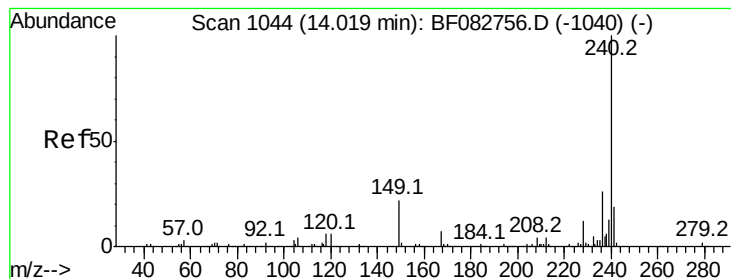
#74
Fluoranthene
Concen: 3.08 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF082873.D
Acq: 10 Nov 2015 16:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.5
203	17.4	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: BF082873.D

Acq: 10 Nov 2015 16:53

Instrument :

BNA_F

ClientSampleId :

CWC-6-20151109

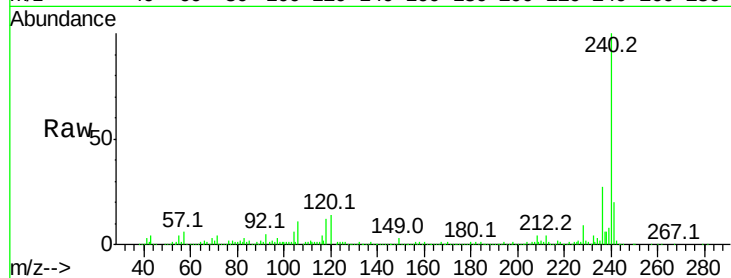
Tot Ion:240 Resp: 794798

Ion Ratio Lower Upper

240 100

120 14.2 10.9 16.3

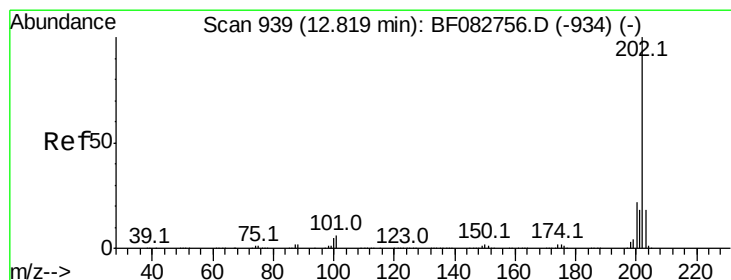
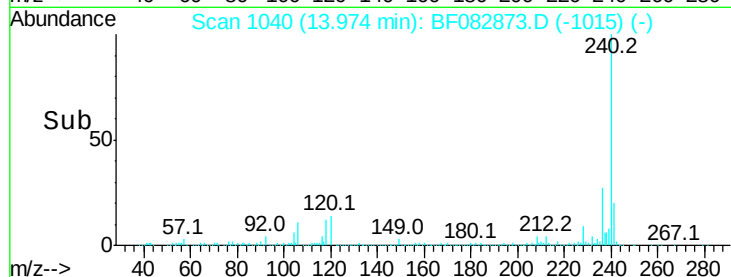
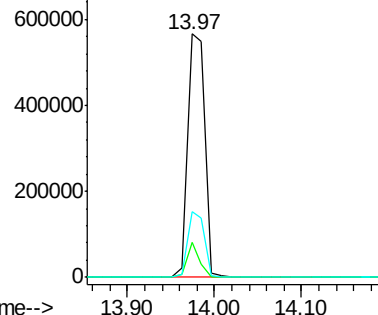
236 27.1 21.6 32.4



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: 3.21 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF082873.D

Acq: 10 Nov 2015 16:53

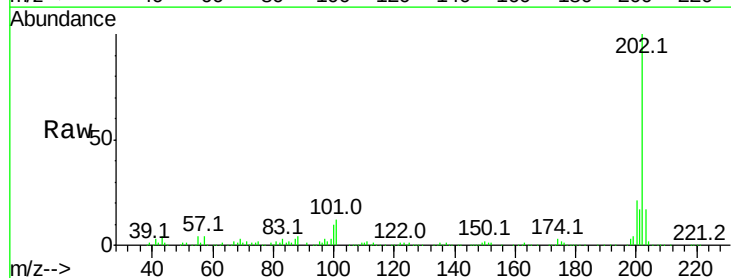
Tgt Ion:202 Resp: 174992

Ion Ratio Lower Upper

202 100

200 20.7 18.7 28.1

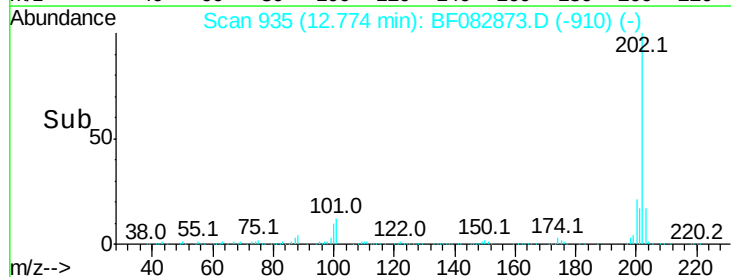
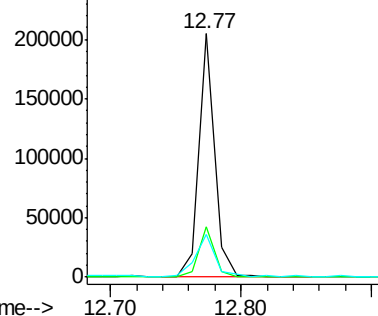
203 17.3 14.8 22.2

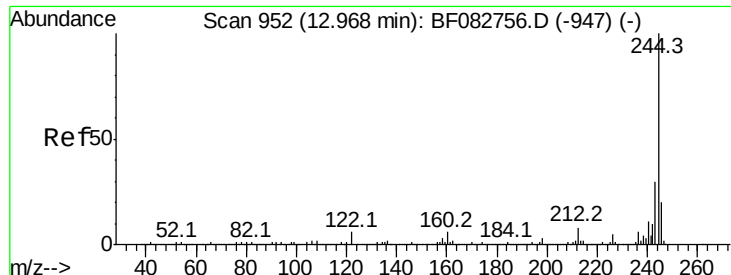


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

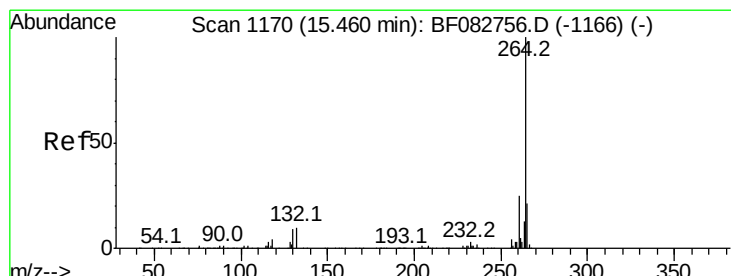
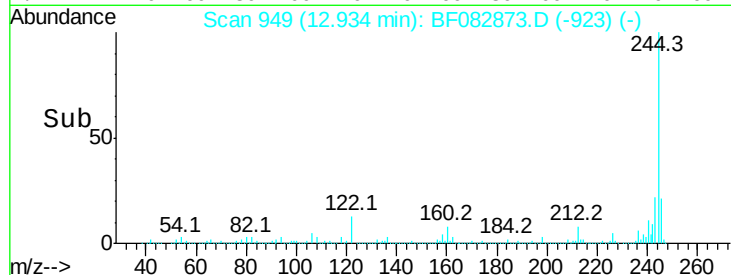
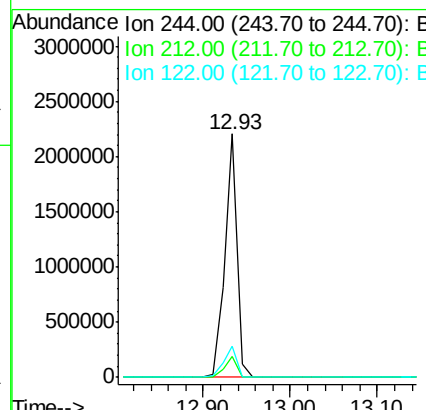
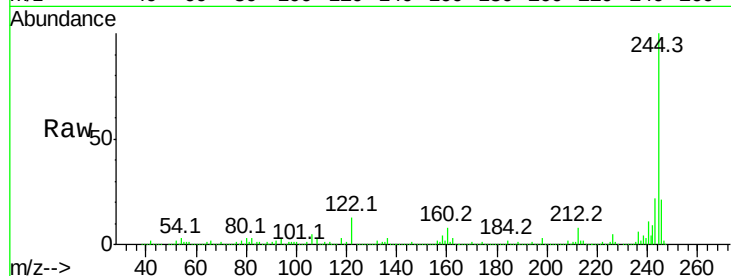




#78
 Terphenyl-d14
 Concen: 65.33 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CWC-6-20151109

Tot Ion:244 Resp: 2189375
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 12.7 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF082873.D
 Acq: 10 Nov 2015 16:53

Tgt Ion:264 Resp: 631562
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.2 17.4 26.0

