

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082669.D
 Acq On : 3 Nov 2015 19:19
 Operator : UM/IZ
 Sample : G4242-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

Quant Time: Nov 04 04:00:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

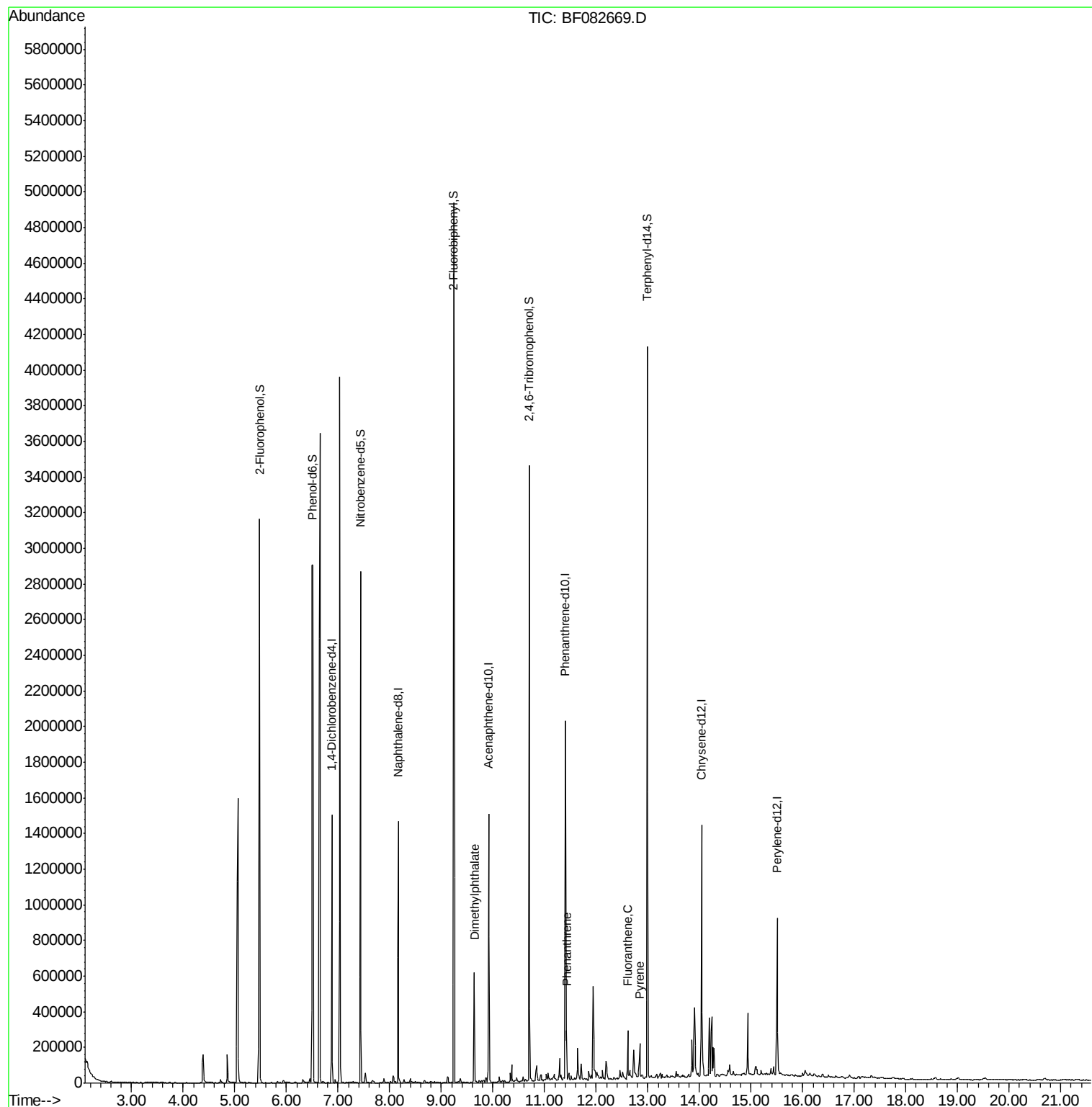
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186572	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	713723	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	343277	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	650613	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	477927	20.00	ng	-0.01
86) Perylene-d12	15.51	264	402390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1085584	87.64	ng	0.01
7) Phenol-d6	6.51	99	1487415	90.38	ng	0.00
23) Nitrobenzene-d5	7.44	82	898087	51.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	327453	87.16	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1440220	59.57	ng	-0.01
78) Terphenyl-d14	12.99	244	1355047	62.05	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	360173	12.85	ng	96
70) Phenanthrene	11.42	178	93617	2.55	ng	95
74) Fluoranthene	12.61	202	102322	2.73	ng	95
77) Pyrene	12.84	202	84724	2.39	ng	94

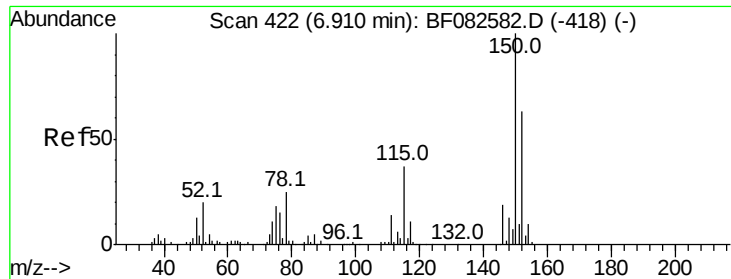
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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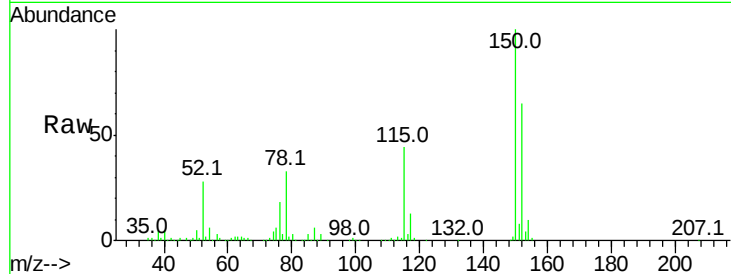


#1

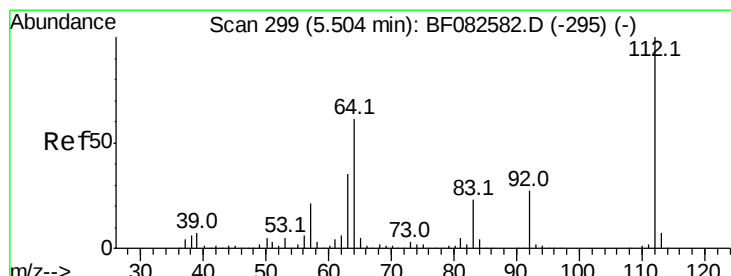
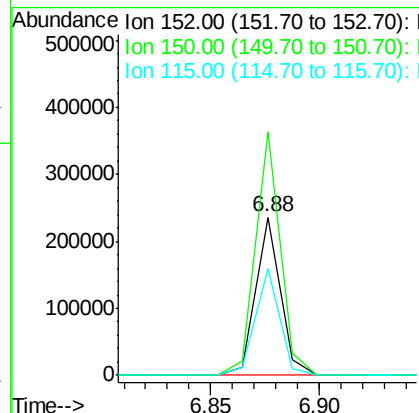
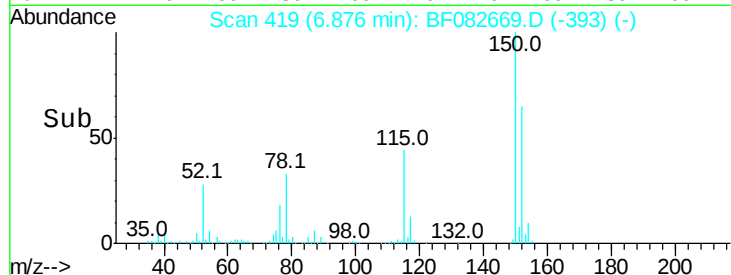
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082669.D
Acq: 3 Nov 2015 19:19

Instrument :
BNA_F
ClientSampleId :
CWC-4-20151102

Tot Ion:152 Resp: 186572
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.4
115 67.2 47.0 70.6



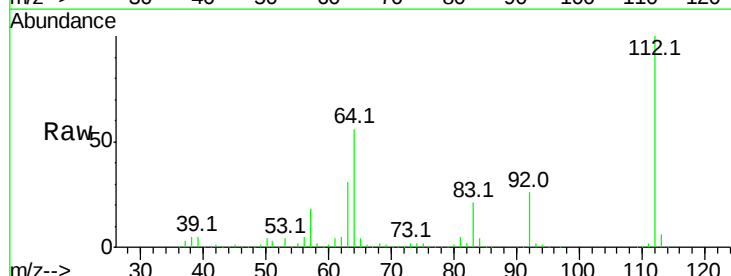
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



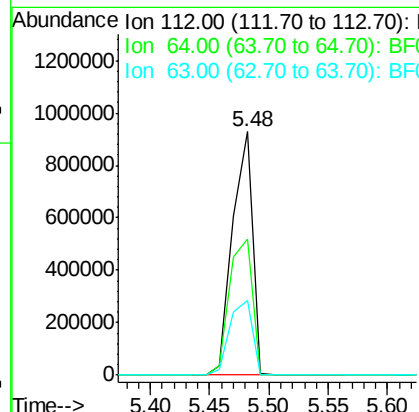
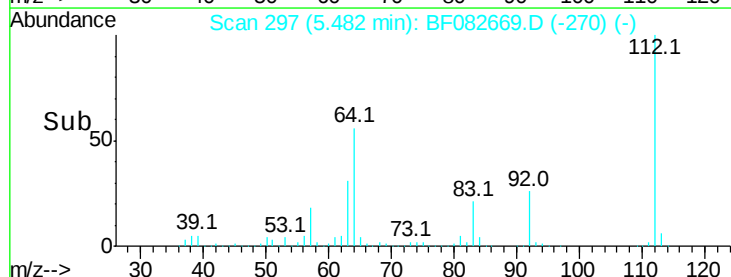
#5

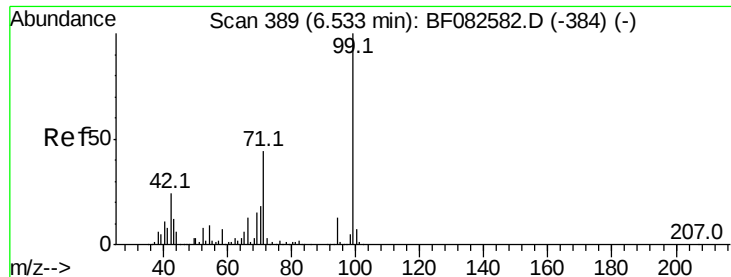
2-Fluorophenol
Concen: 87.64 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF082669.D
Acq: 3 Nov 2015 19:19

Tgt Ion:112 Resp: 1085584
Ion Ratio Lower Upper
112 100
64 55.7 48.9 73.3
63 30.5 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: 90.38 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

Instrument :

BNA_F

ClientSampleId :

CWC-4-20151102

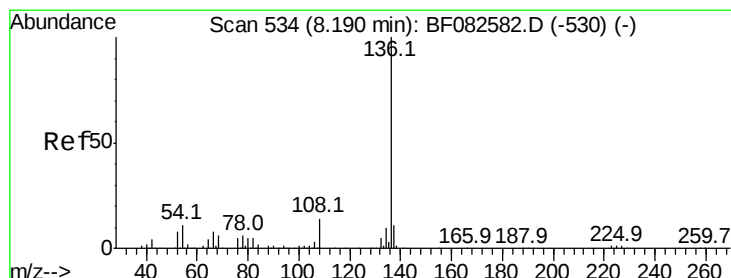
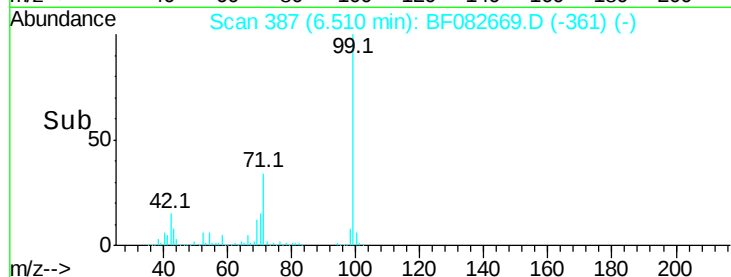
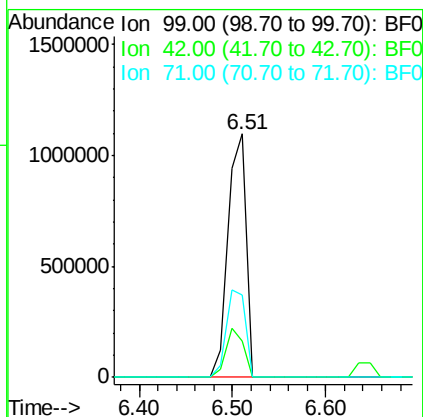
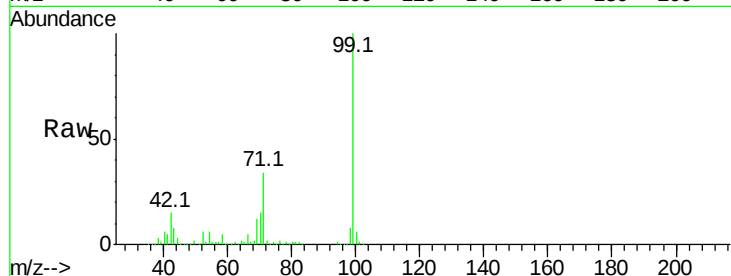
Tot Ion: 99 Resp: 1487415

Ion Ratio Lower Upper

99 100

42 14.8 19.2 28.8#

71 33.9 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

Tgt Ion: 136 Resp: 713723

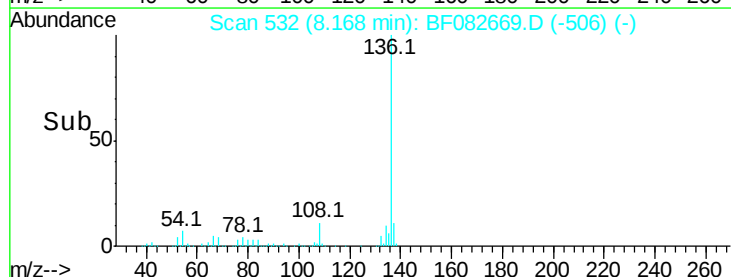
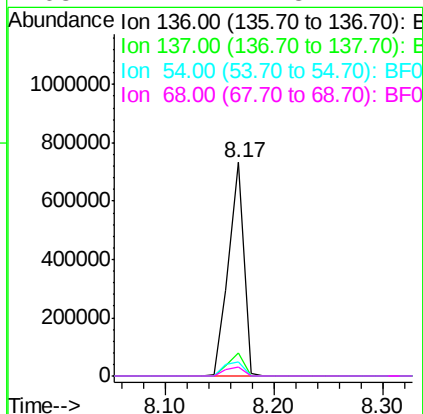
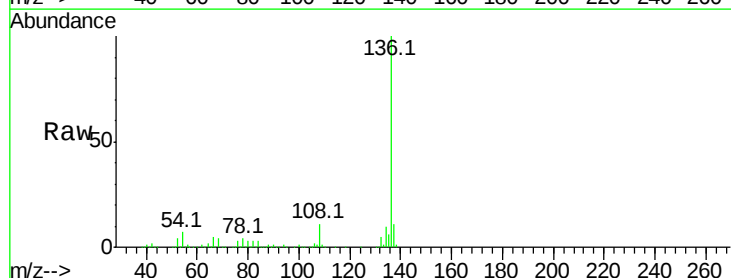
Ion Ratio Lower Upper

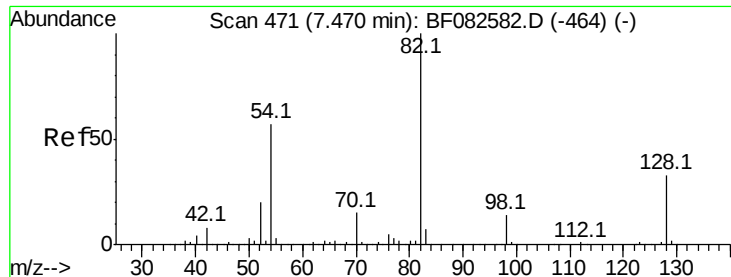
136 100

137 10.6 9.1 13.7

54 6.6 9.1 13.7#

68 4.1 4.8 7.2#

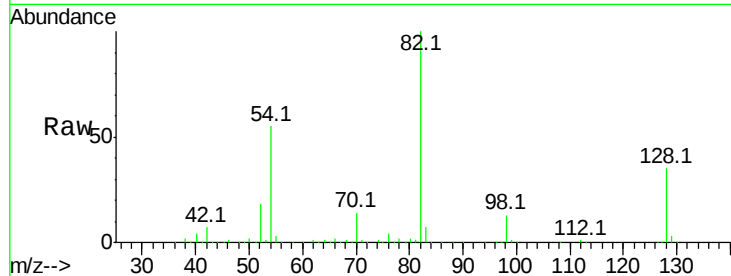




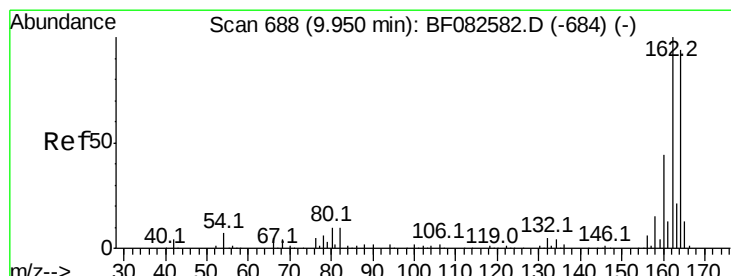
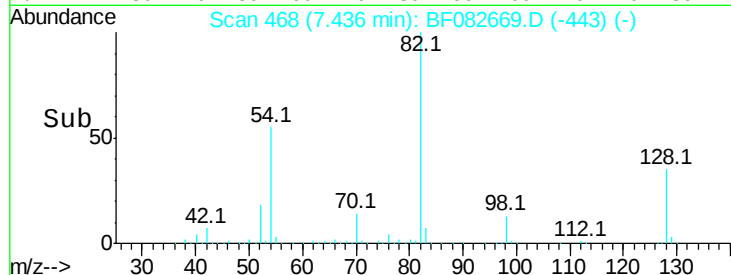
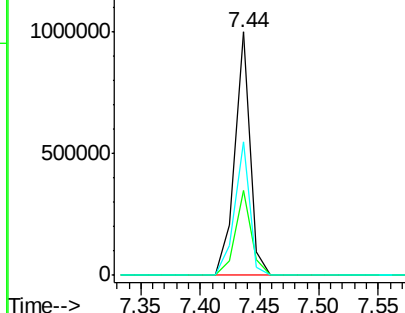
#23
 Nitrobenzene-d5
 Concen: 51.38 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

Tot Ion	82	Resp	898087
Ion Ratio	Lower	Upper	
82	100		
128	35.1	26.8	40.2
54	54.6	45.7	68.5

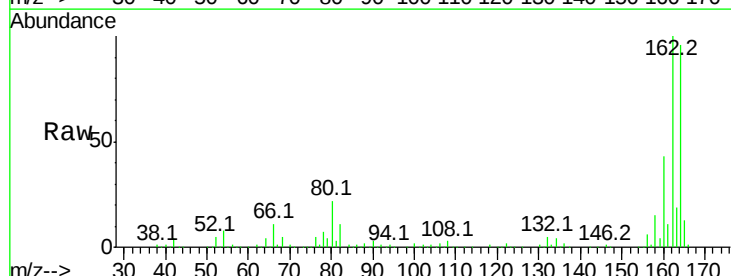


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

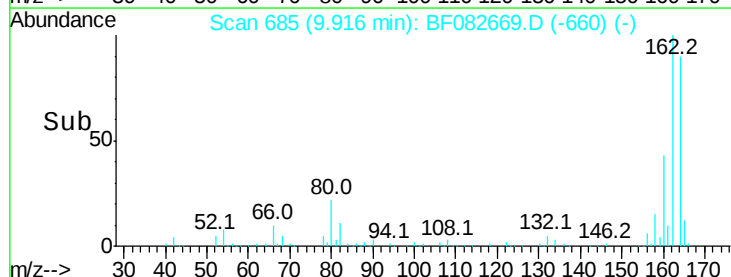
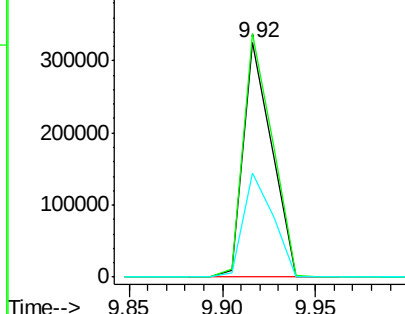


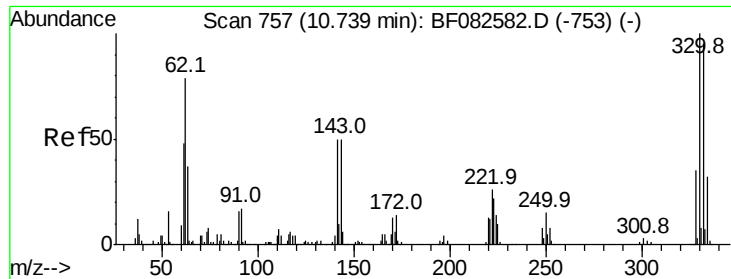
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Tgt Ion	164	Resp	343277
Ion Ratio	Lower	Upper	
164	100		
162	103.9	84.9	127.3
160	44.6	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

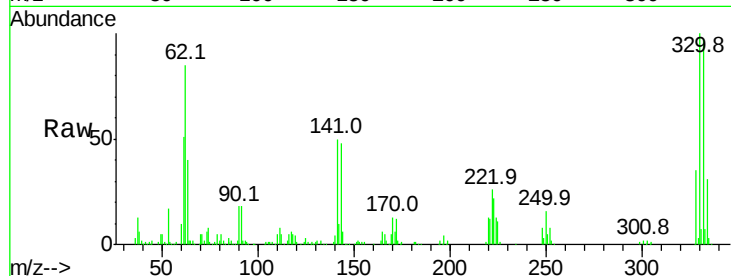




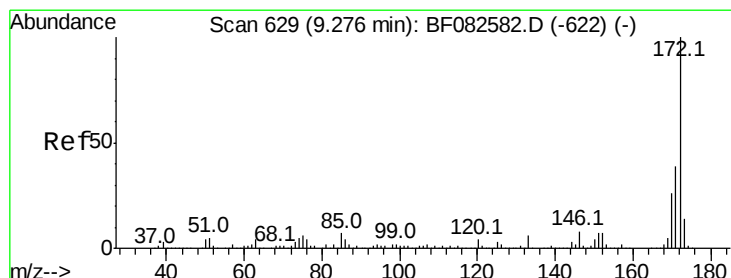
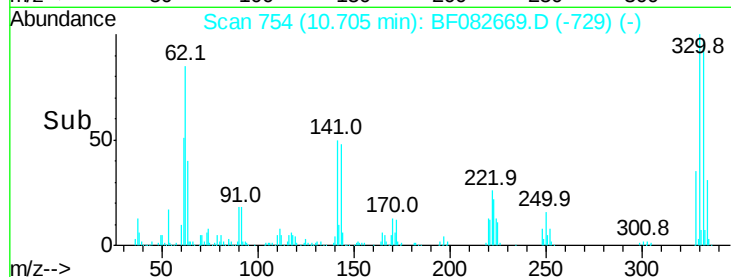
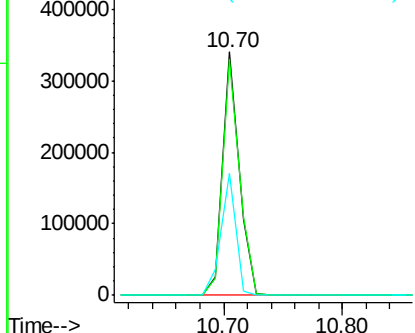
#41
 2,4,6-Tribromophenol
 Concen: 87.16 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

Tot Ion:330 Resp: 327453
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 45.0 41.2 61.8

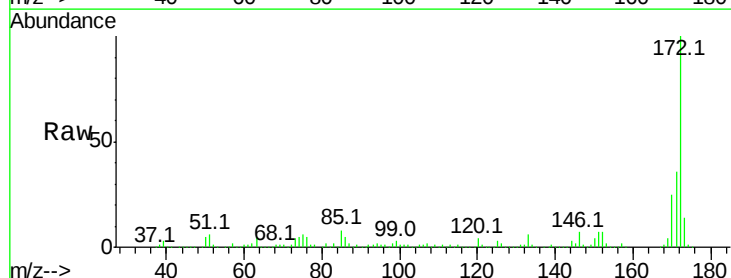


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

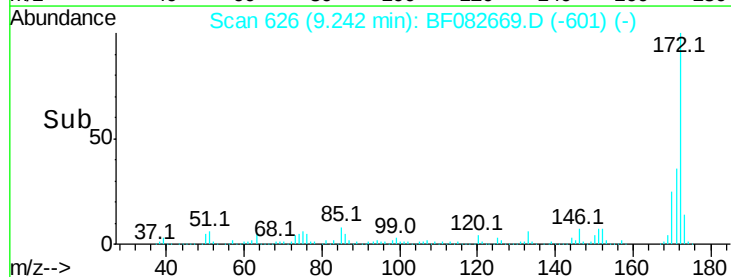
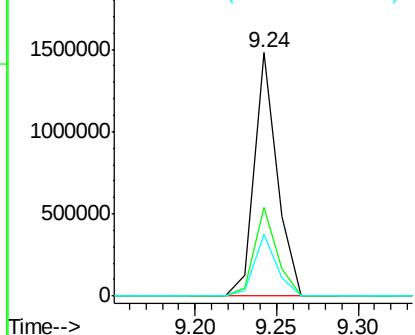


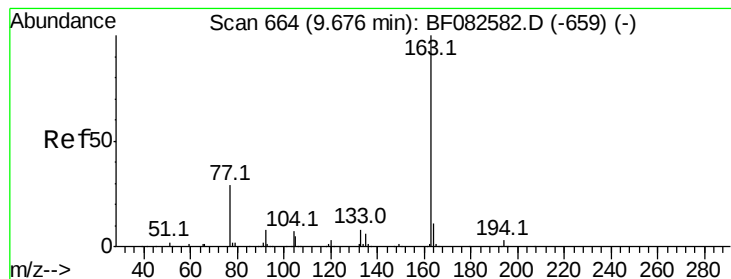
#44
 2-Fluorobiphenyl
 Concen: 59.57 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Tgt Ion:172 Resp: 1440220
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 25.3 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: 12.85 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

Instrument :

BNA_F

ClientSampleId :

CWC-4-20151102

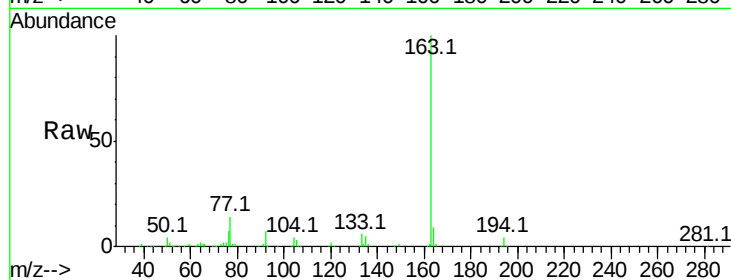
Tot Ion:163 Resp: 360173

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

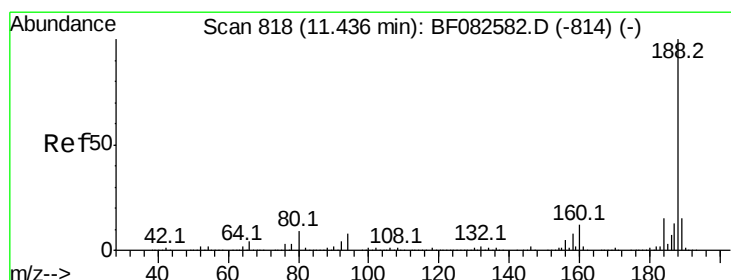
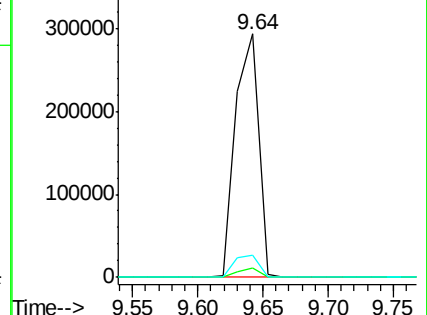
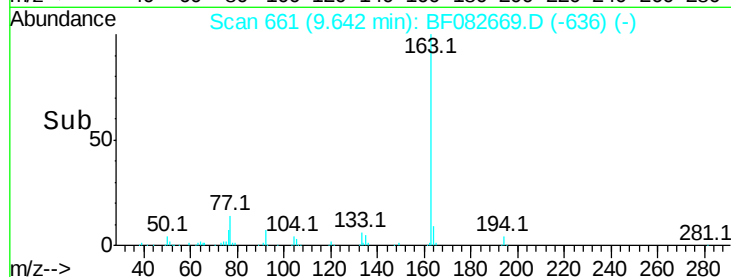
164 8.9 8.7 13.1



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: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

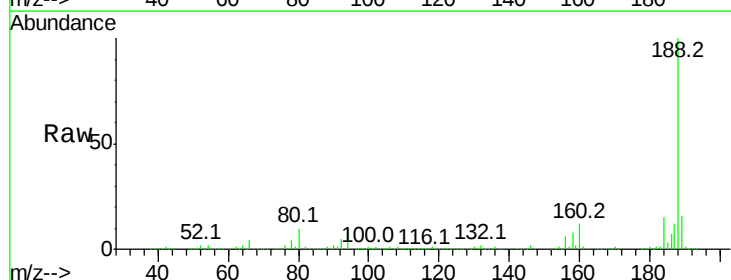
Tgt Ion:188 Resp: 650613

Ion Ratio Lower Upper

188 100

94 9.2 6.1 9.1#

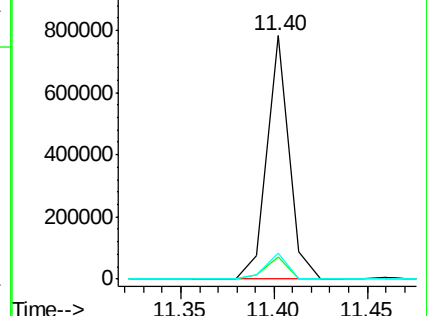
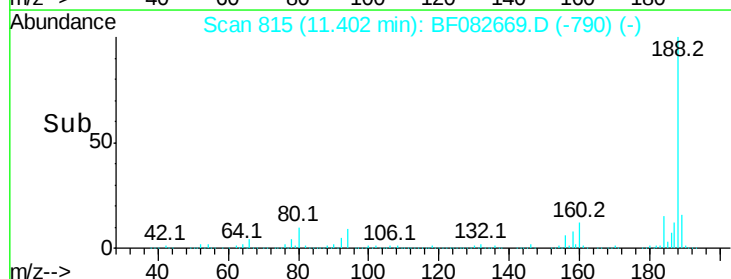
80 10.5 7.0 10.6

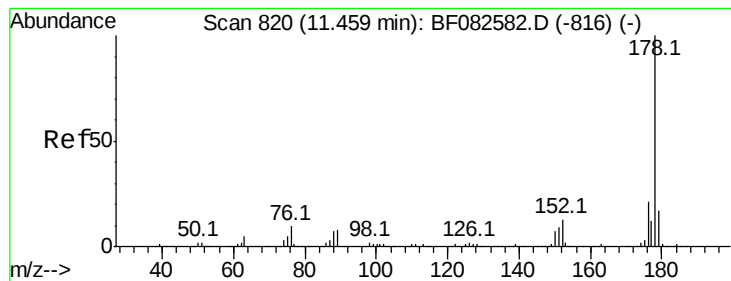


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.55 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF082669.D

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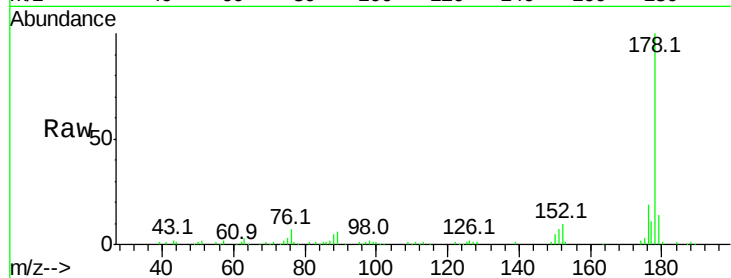
Tot Ion:178 Resp: 93617

Ion Ratio Lower Upper

178 100

176 18.8 17.0 25.4

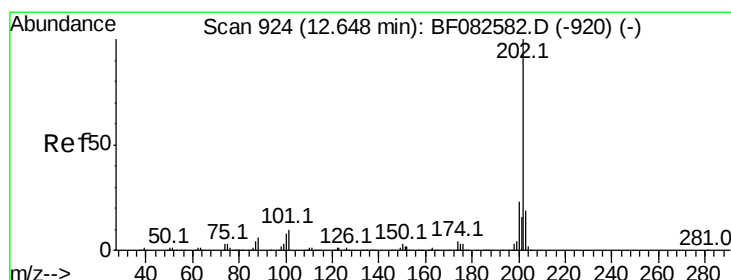
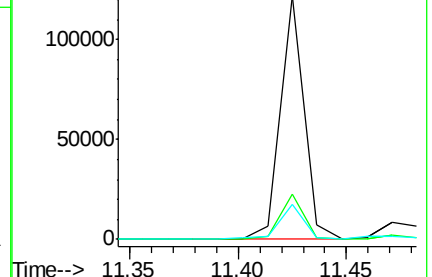
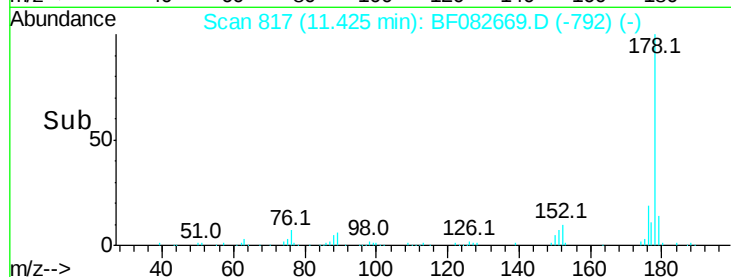
179 14.4 13.4 20.0



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: 2.73 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

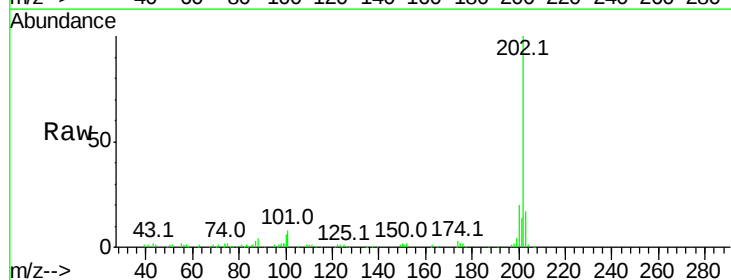
Tgt Ion:202 Resp: 102322

Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.5

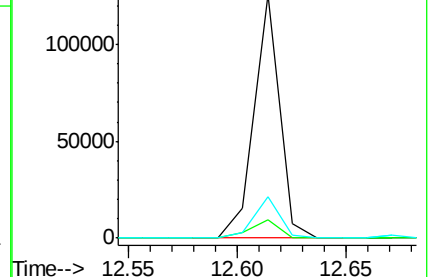
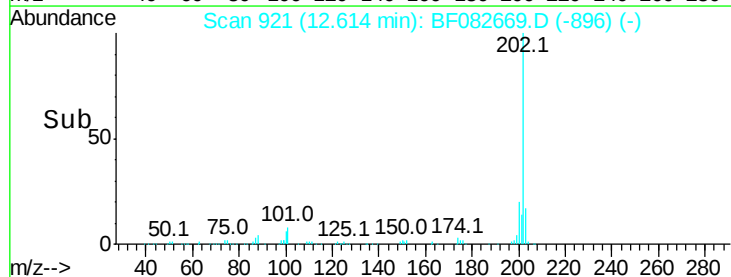
203 16.8 0.0 38.5

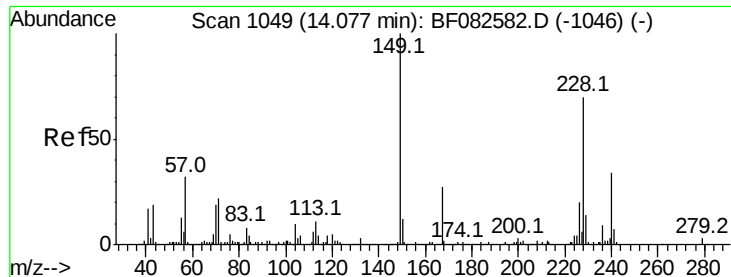


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082669.D

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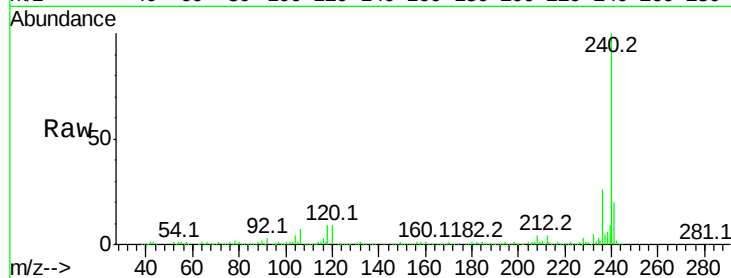
Tot Ion:240 Resp: 477927

Ion Ratio Lower Upper

240 100

120 9.5 10.9 16.3#

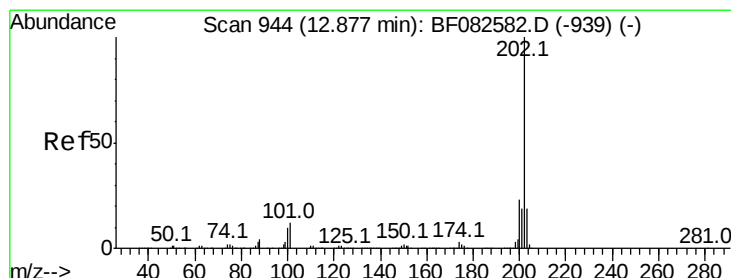
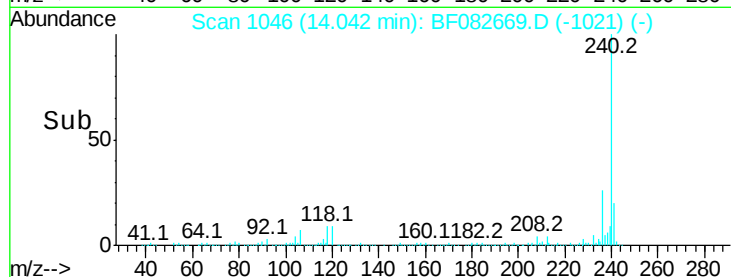
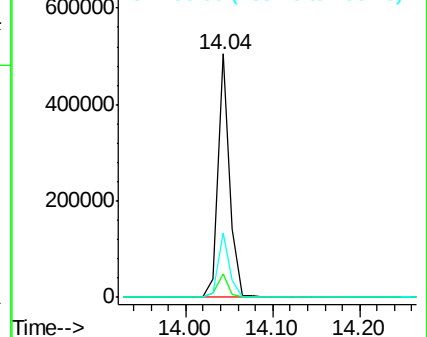
236 26.5 21.6 32.4



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: 2.39 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

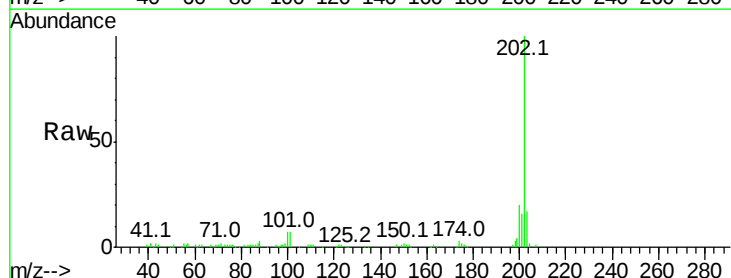
Tgt Ion:202 Resp: 84724

Ion Ratio Lower Upper

202 100

200 19.5 18.7 28.1

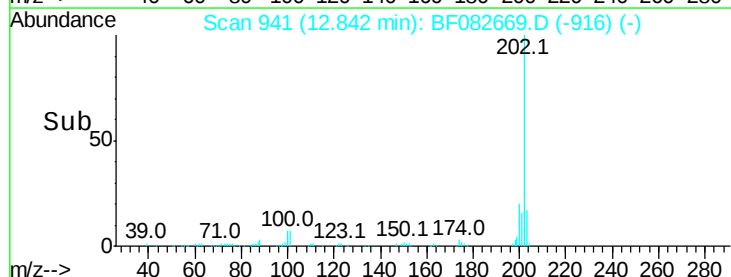
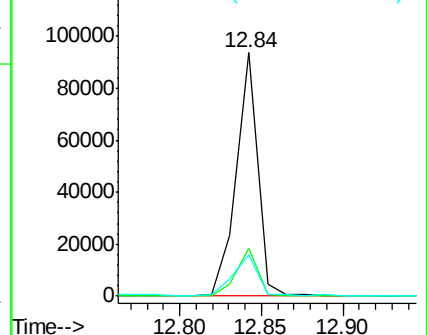
203 17.2 14.8 22.2

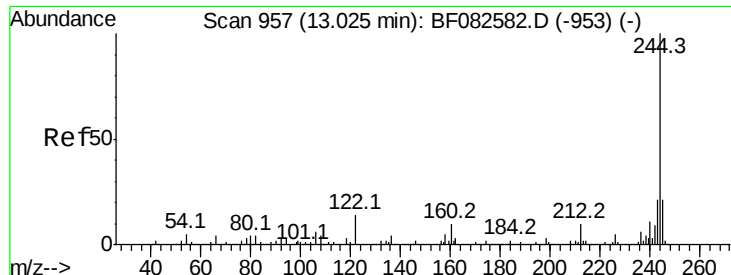


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



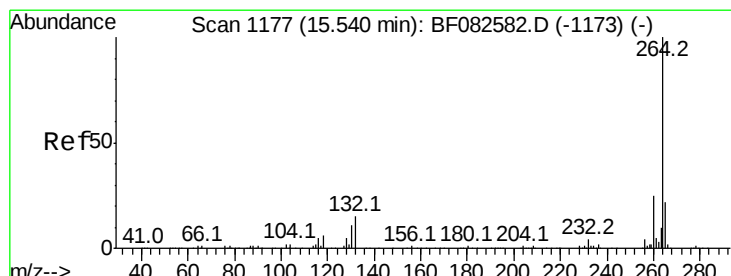
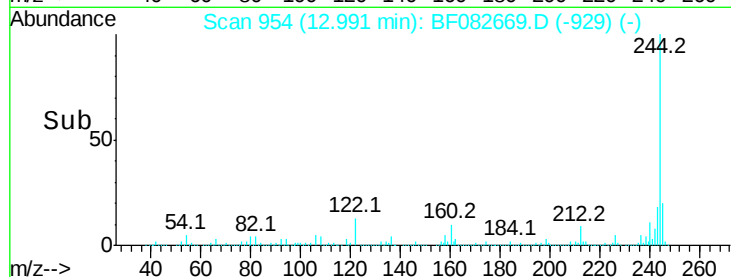
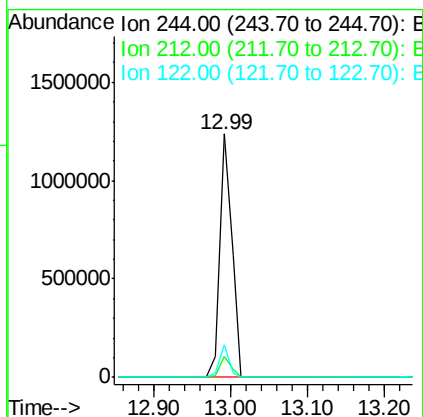
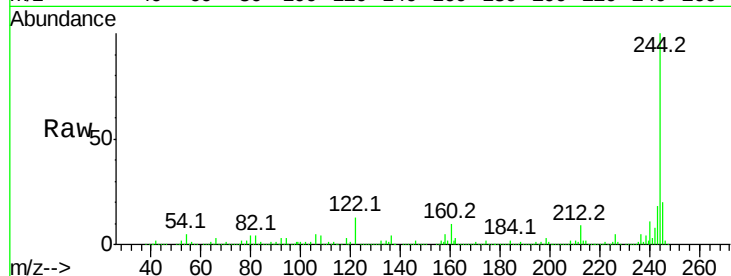


#78
 Terphenyl-d14
 Concen: 62.05 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

Tot Ion:244 Resp: 1355047

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	13.3	11.3	16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Tgt Ion:264 Resp: 402390

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.1	17.4	26.0

