

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 03:18:50 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

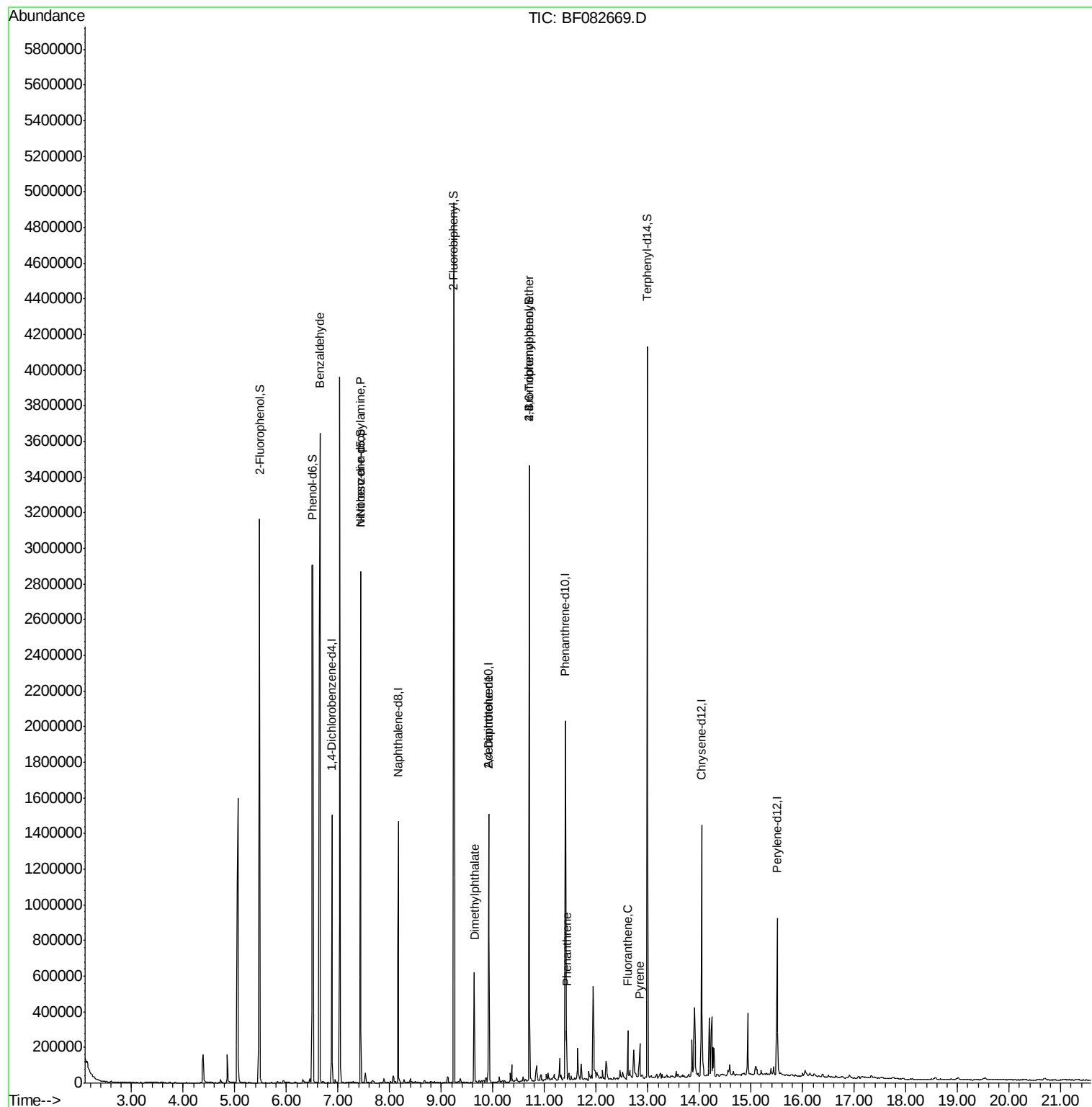
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186572	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	713723	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	343277	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	650613	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	477927	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
9) Benzaldehyde	6.65	77	30374	2.70	ng	96
19) n-Nitroso-di-n-propylamine	7.44	70	123942	9.94	ng	# 72
49) Dimethylphthalate	9.64	163	360173	12.85	ng	96
56) 2,4-Dinitrotoluene	9.92	165	43442	5.53	ng	# 16
66) 4-Bromophenyl-phenylether	10.70	248	23980	3.25	ng	# 1
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

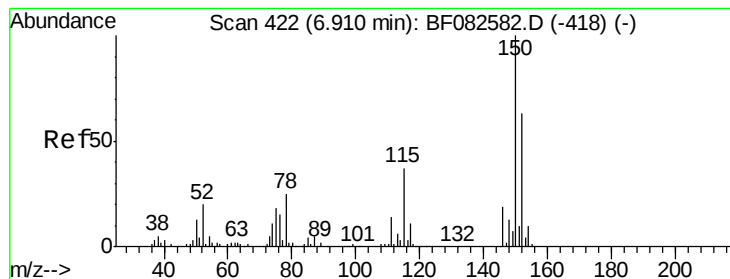
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
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CWC-4-20151102

Quant Time: Nov 04 03:18:50 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





#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

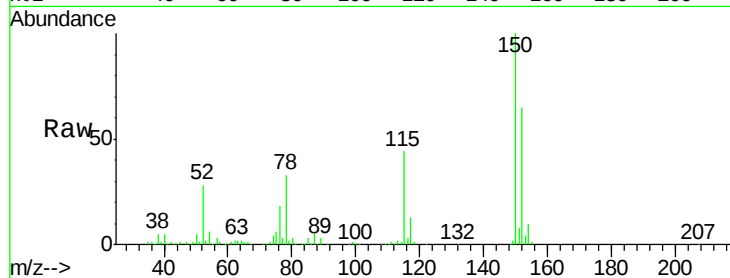
Tgt Ion:152 Resp: 186572

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

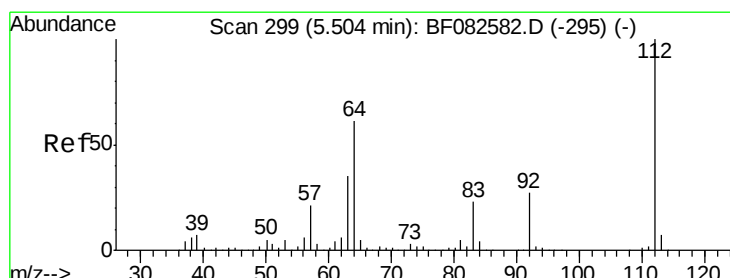
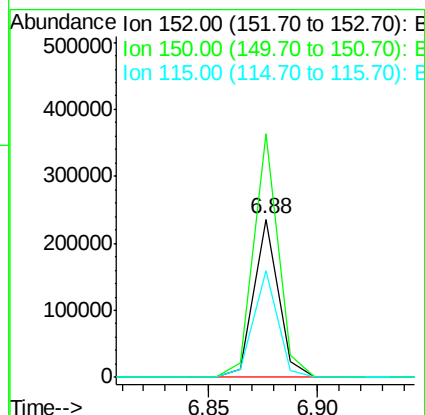
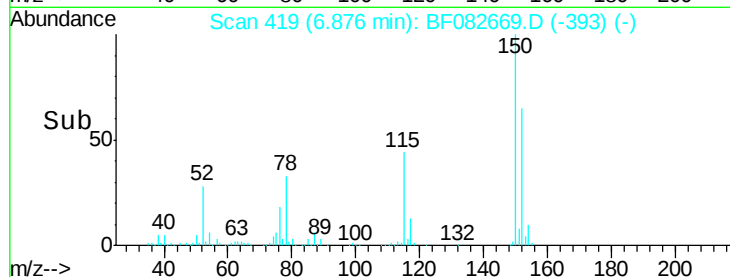
115 67.2 47.0 70.6



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

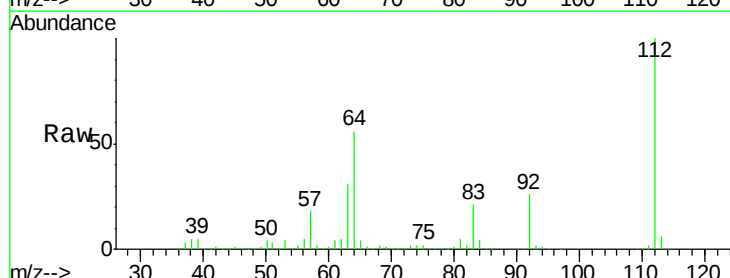
Tgt Ion:112 Resp: 1085584

Ion Ratio Lower Upper

112 100

64 55.7 48.9 73.3

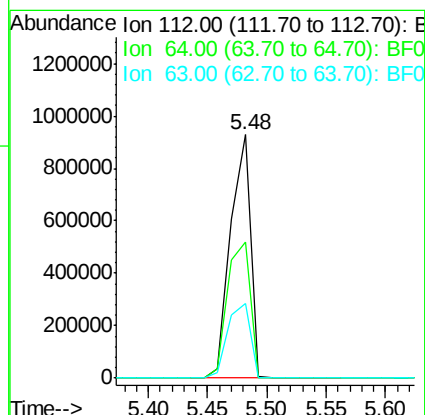
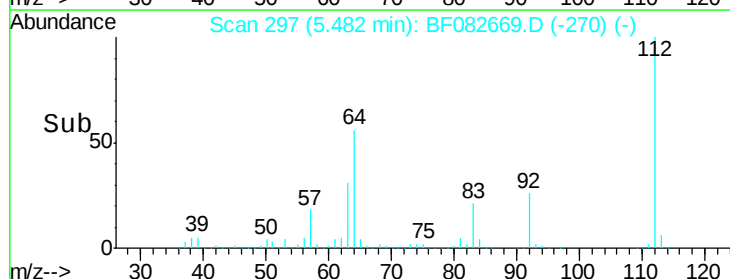
63 30.5 28.1 42.1



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

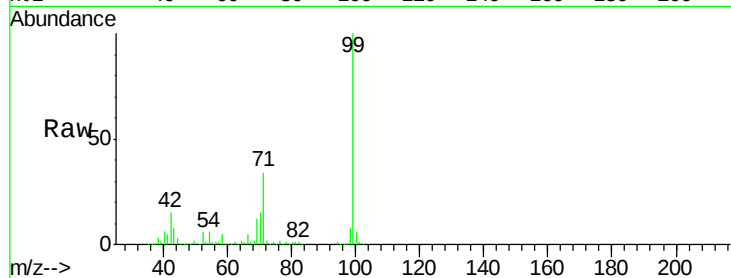
Tgt Ion: 99 Resp: 1487415

Ion Ratio Lower Upper

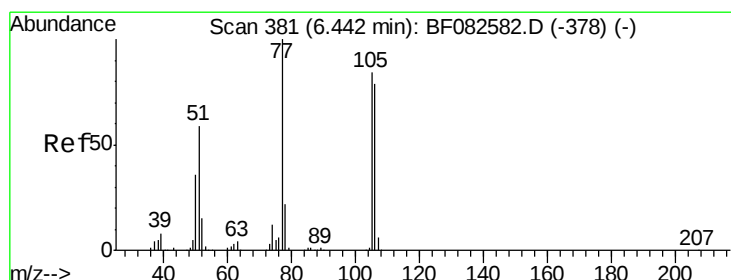
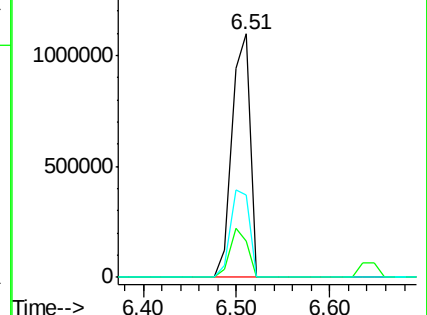
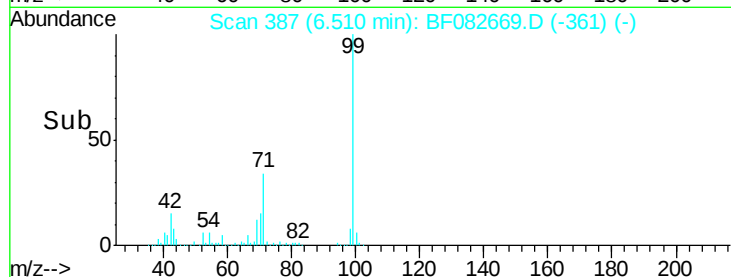
99 100

42 14.8 19.2 28.8#

71 33.9 35.0 52.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.70 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

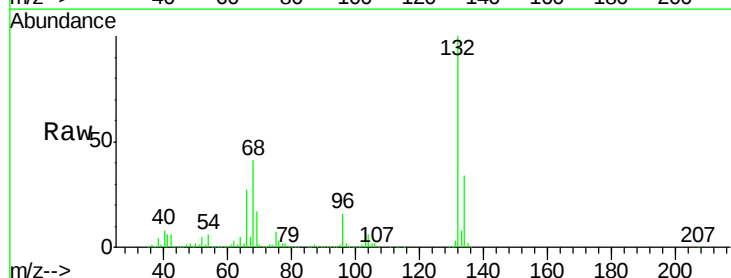
Tgt Ion: 77 Resp: 30374

Ion Ratio Lower Upper

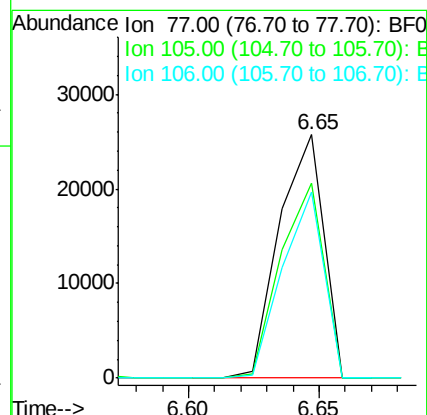
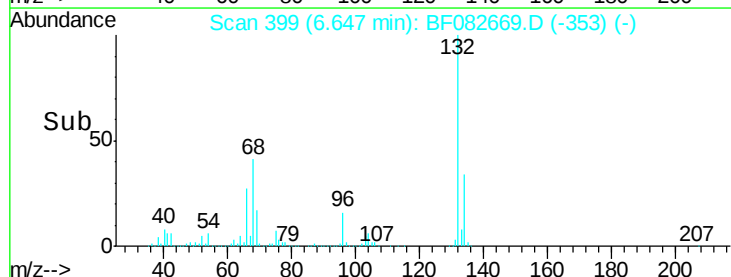
77 100

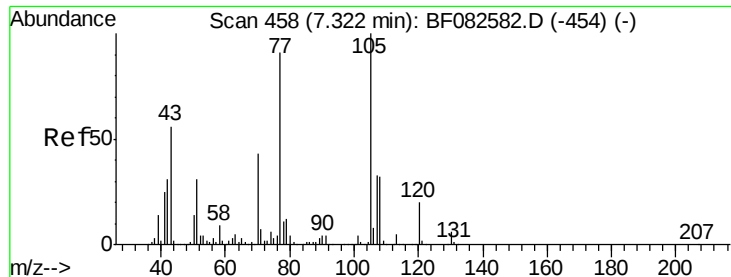
105 80.3 63.5 103.5

106 76.3 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

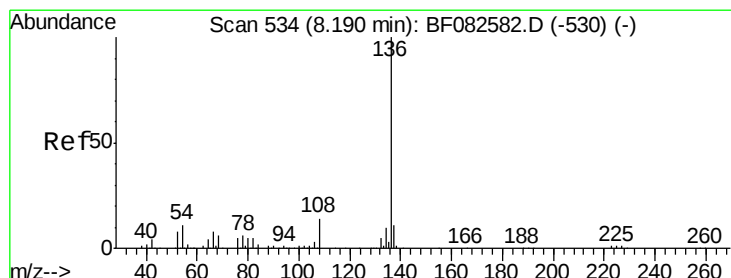
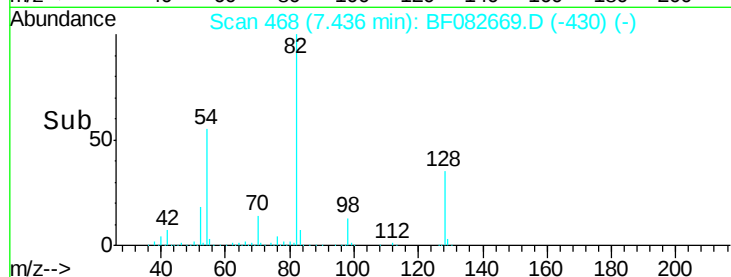
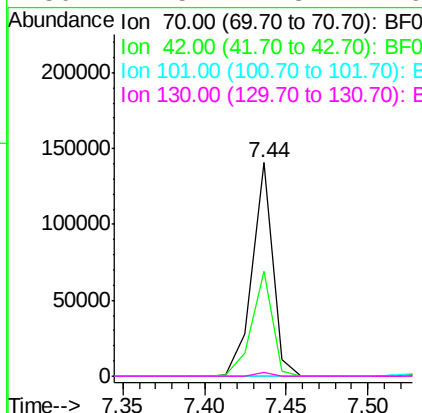
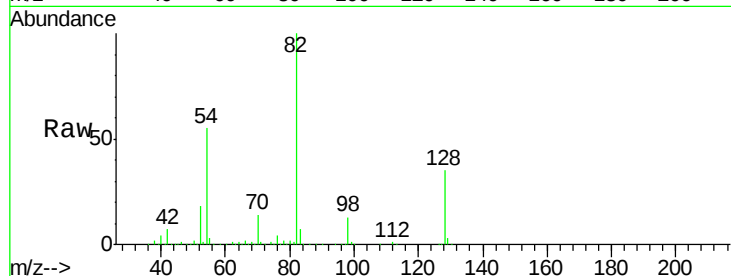




#19
n-Nitroso-di-n-propylamine
Concen: 9.94 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082669.D
Acq: 3 Nov 2015 19:19

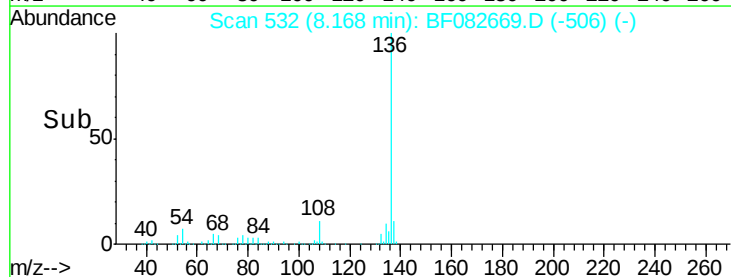
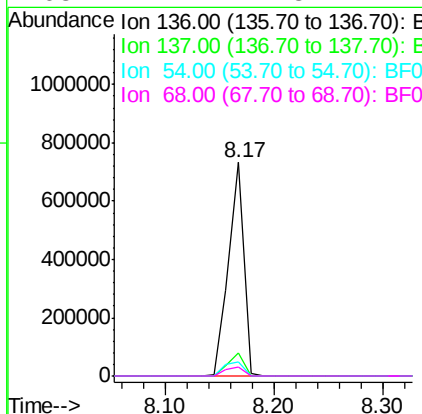
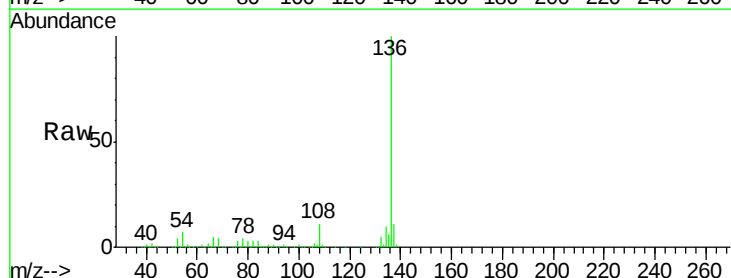
Instrument :
BNA_F
ClientSampleId :
CWC-4-20151102

Tgt Ion: 70 Resp: 123942
Ion Ratio Lower Upper
70 100
42 49.0 57.7 86.5#
101 0.0 7.0 10.6#
130 1.5 11.8 17.6#



#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#

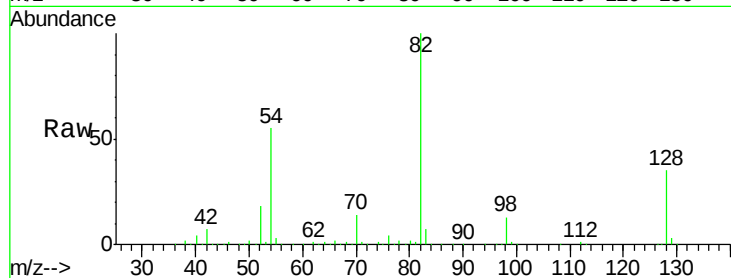




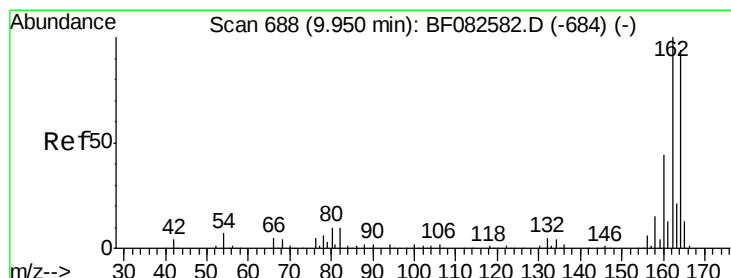
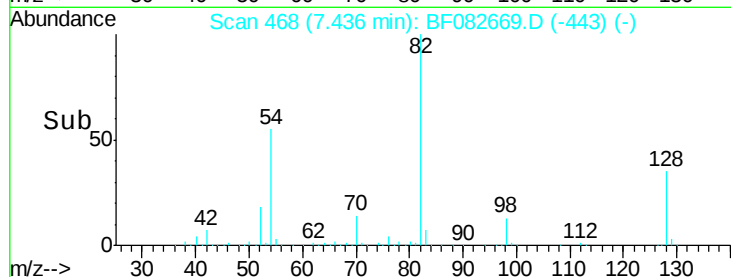
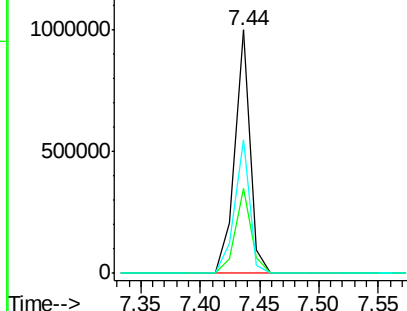
#23
 Nitrobenzene-d5
 Concen: 51.38 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.8	40.2
54	54.6	45.7	68.5

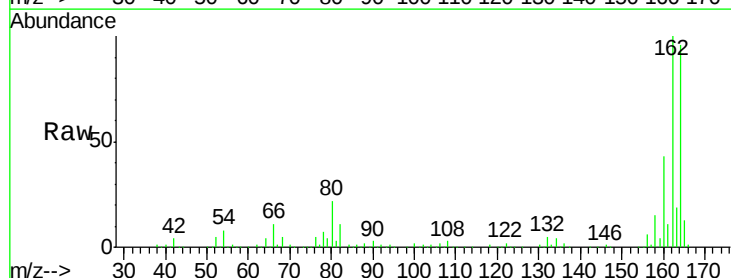


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

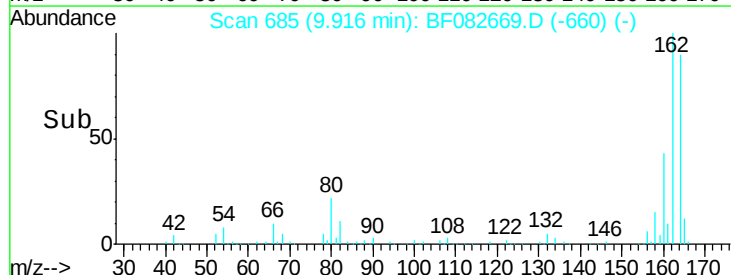
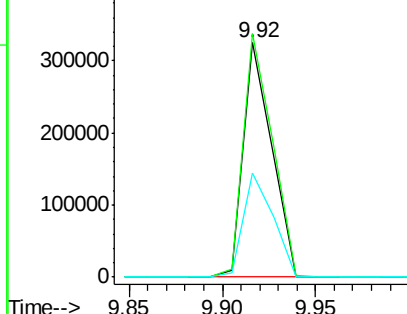


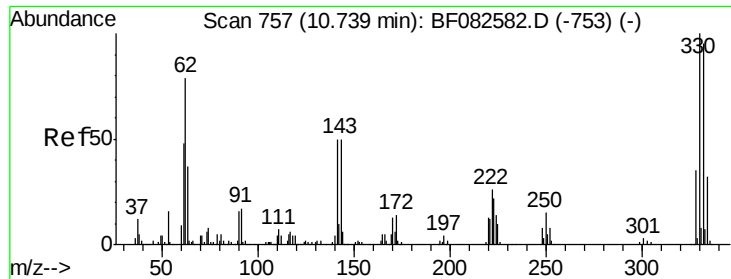
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Tgt Ion	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): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

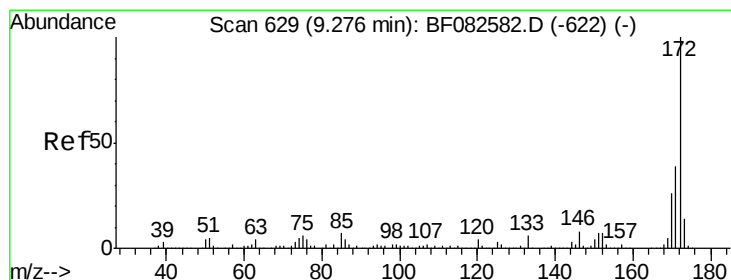
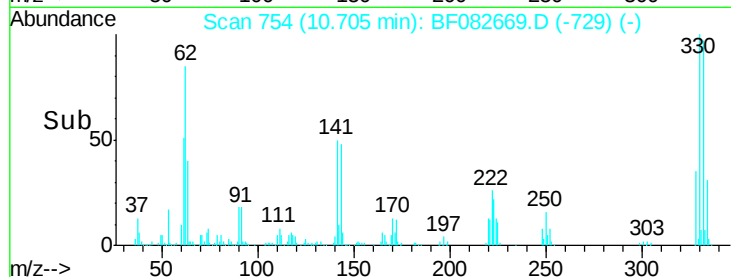
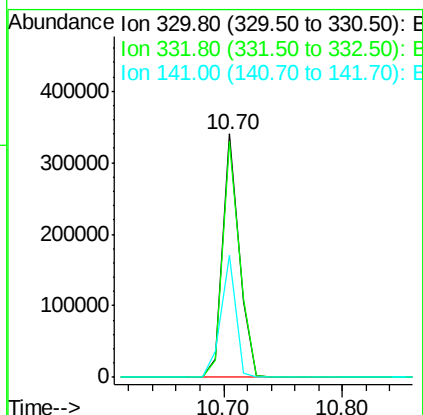
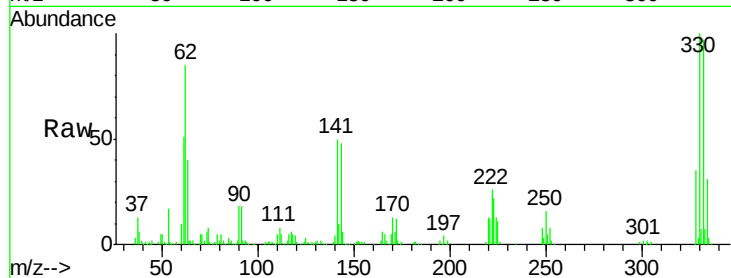




#41
 2,4,6-Tribromophenol
 Concen: 87.16 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

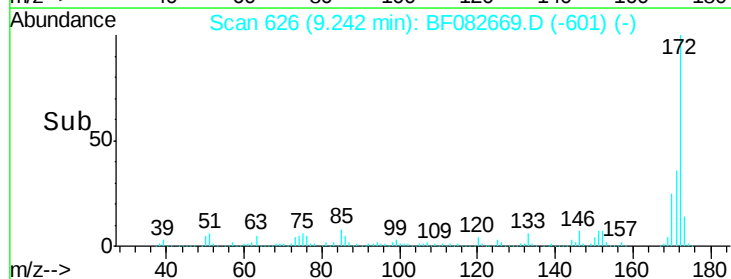
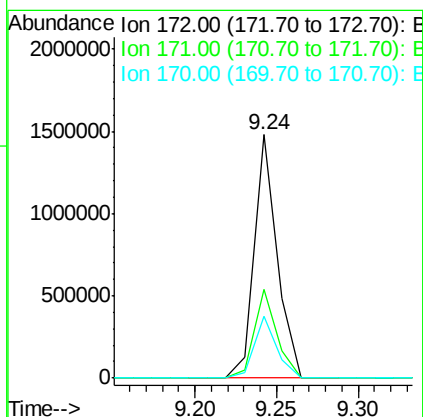
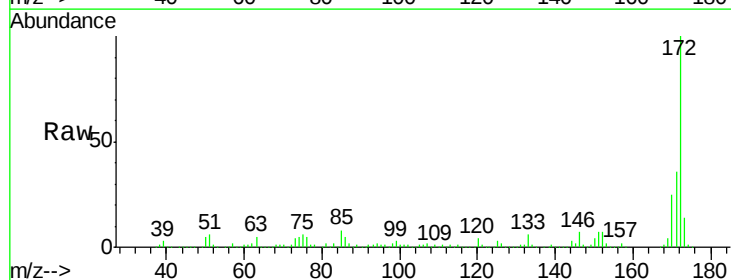
Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

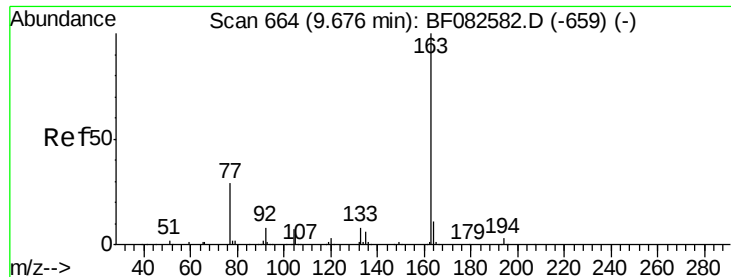
Tgt Ion:330 Resp: 327453
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 45.0 41.2 61.8



#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

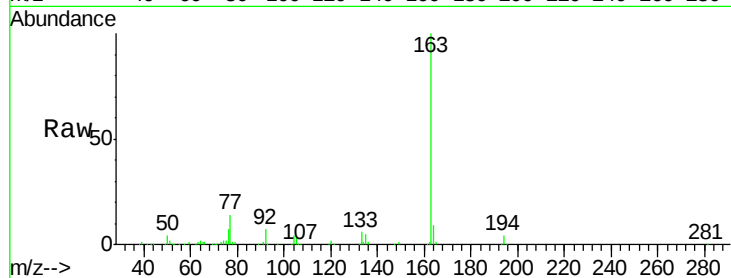




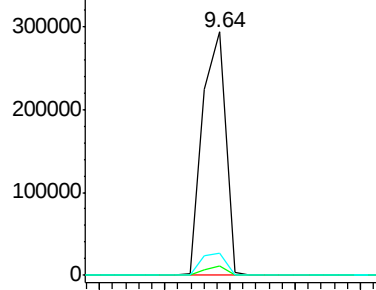
#49
Dimethylphthalate
Concen: 12.85 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082669.D
Acq: 3 Nov 2015 19:19

Instrument :
BNA_F
ClientSampleId :
CWC-4-20151102

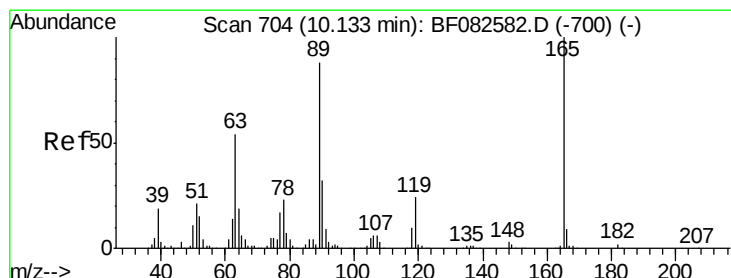
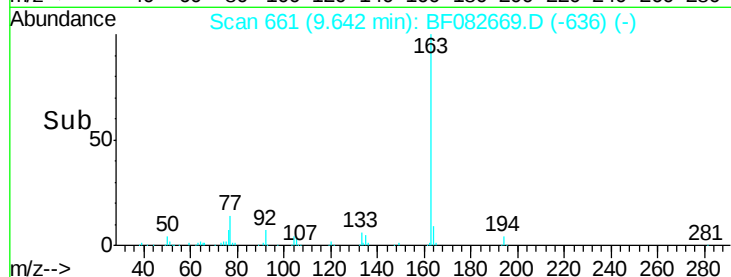
Tgt Ion:163 Resp: 360173
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 8.9 8.7 13.1



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

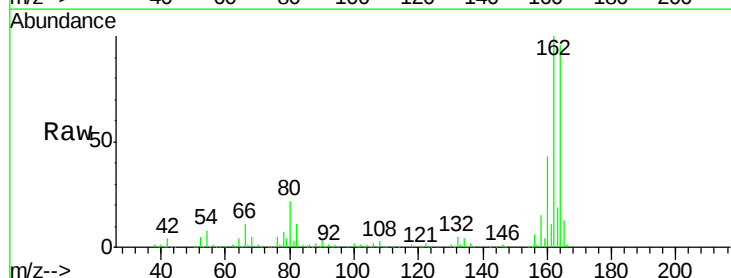


Time--> 9.55 9.60 9.65 9.70 9.75

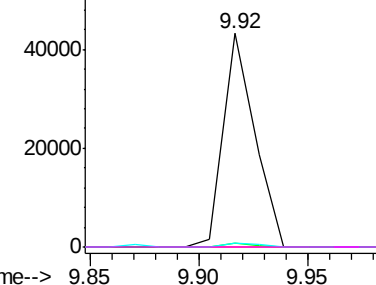


#56
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.19 min
Lab File: BF082669.D
Acq: 3 Nov 2015 19:19

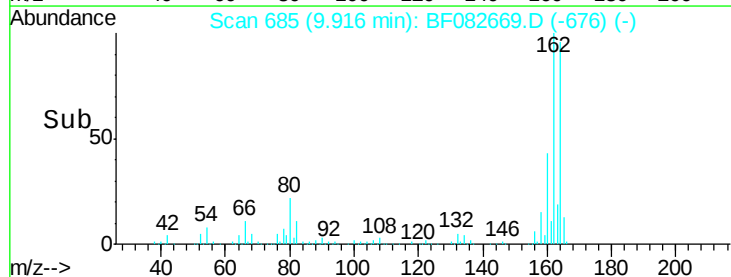
Tgt Ion:165 Resp: 43442
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.0#
89 2.0 70.6 106.0#
182 0.0 1.5 2.3#

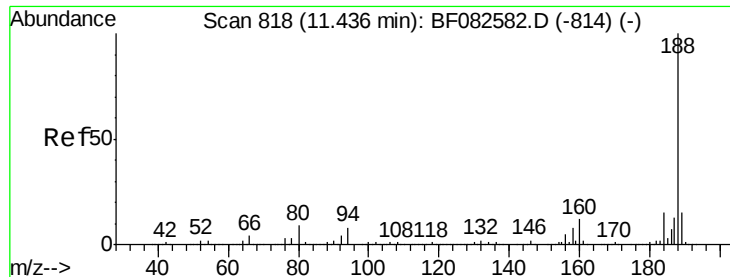


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



Time--> 9.85 9.90 9.95

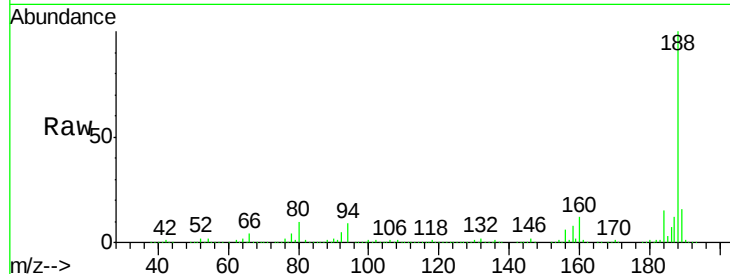




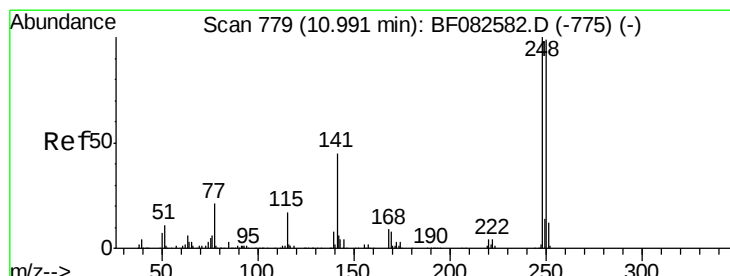
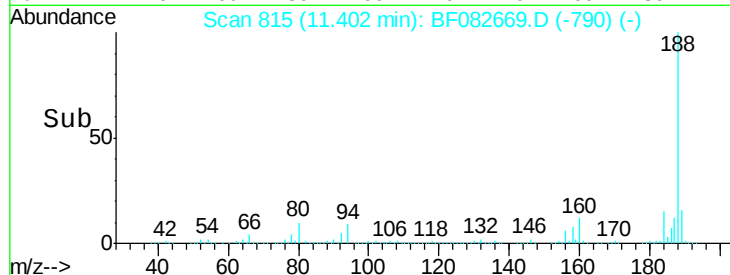
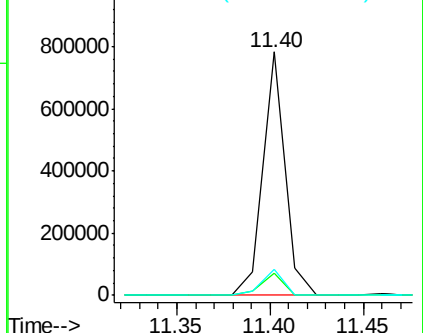
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

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

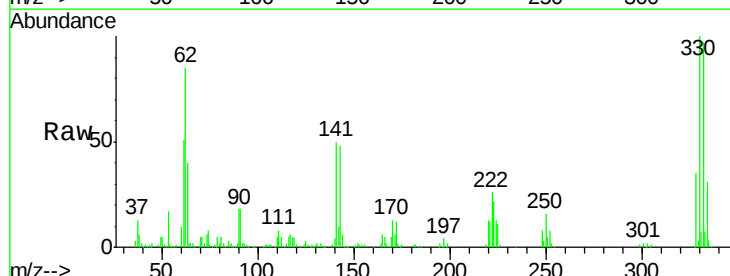


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

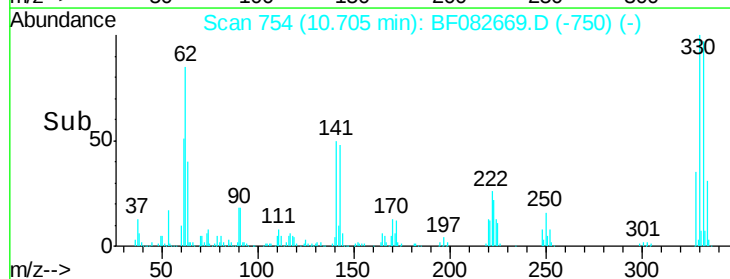
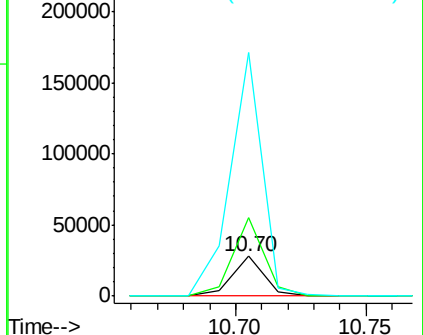


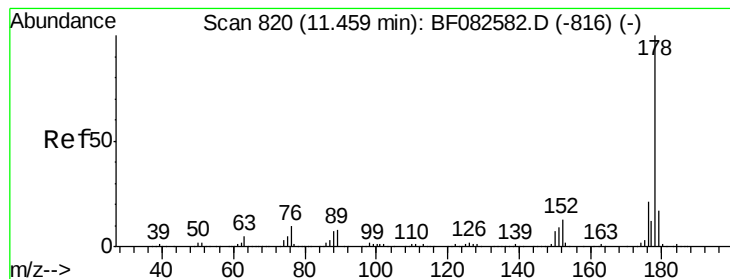
#66
 4-Bromophenyl-phenylether
 Concen: 3.25 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Tgt Ion:248 Resp: 23980
 Ion Ratio Lower Upper
 248 100
 250 197.1 79.4 119.2#
 141 609.6 36.3 54.5#



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: 2.55 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

Instrument :

BNA_F

ClientSampleId :

CWC-4-20151102

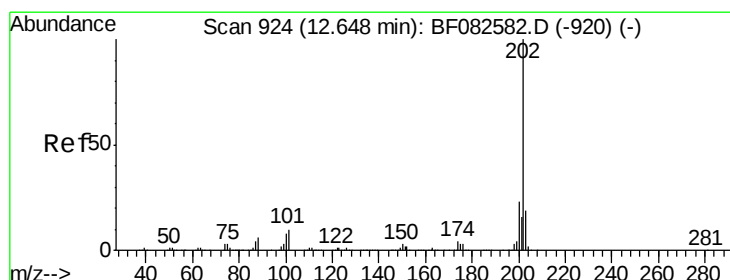
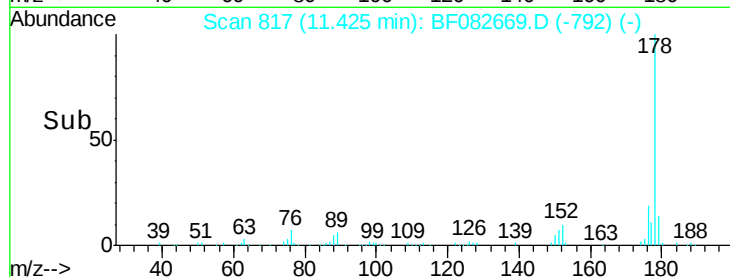
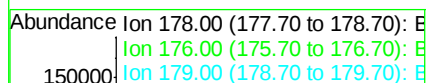
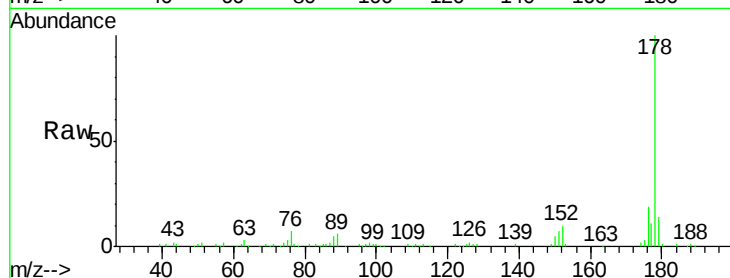
Tgt Ion:178 Resp: 93617

Ion Ratio Lower Upper

178 100

176 18.8 17.0 25.4

179 14.4 13.4 20.0



#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

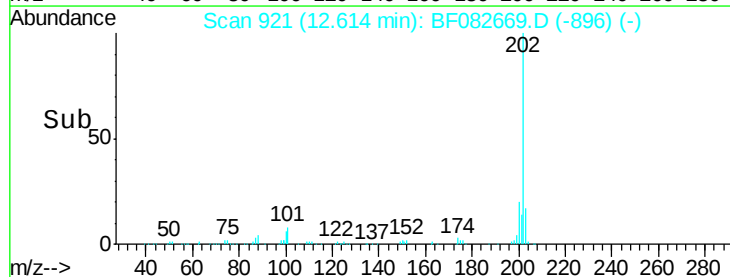
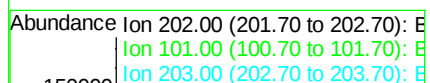
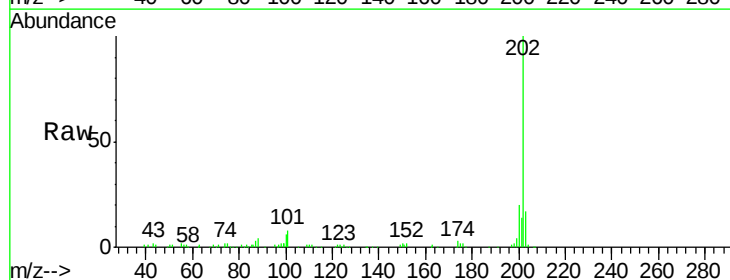
Tgt Ion:202 Resp: 102322

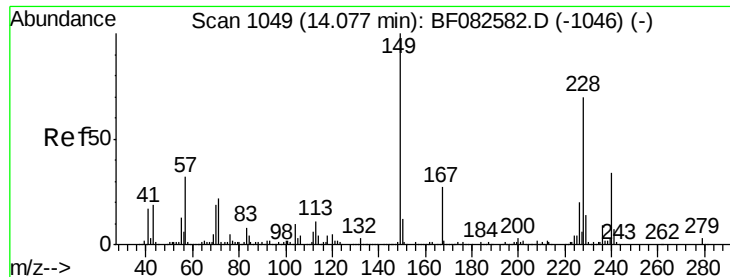
Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.5

203 16.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082669.D

Acq: 3 Nov 2015 19:19

Instrument :

BNA_F

ClientSampleId :

CWC-4-20151102

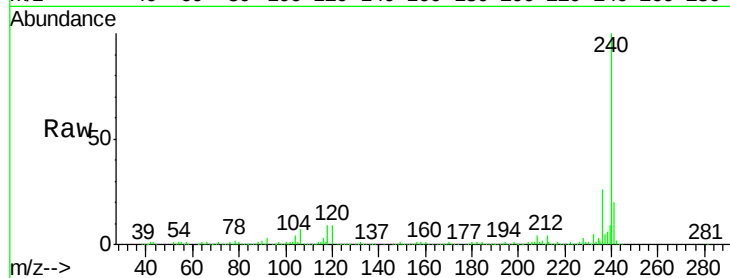
Tgt Ion:240 Resp: 477927

Ion Ratio Lower Upper

240 100

120 9.5 10.9 16.3#

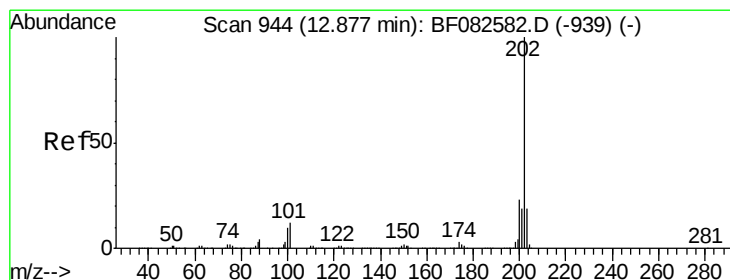
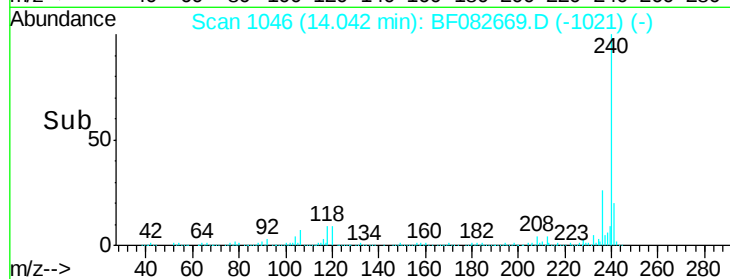
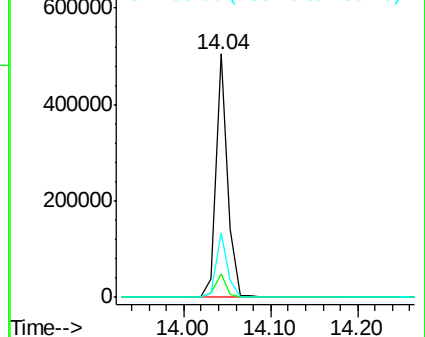
236 26.5 21.6 32.4



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

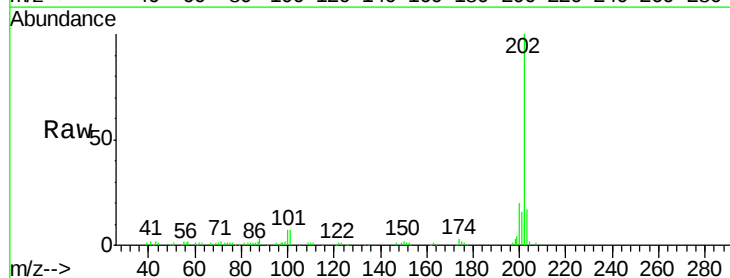
Tgt Ion:202 Resp: 84724

Ion Ratio Lower Upper

202 100

200 19.5 18.7 28.1

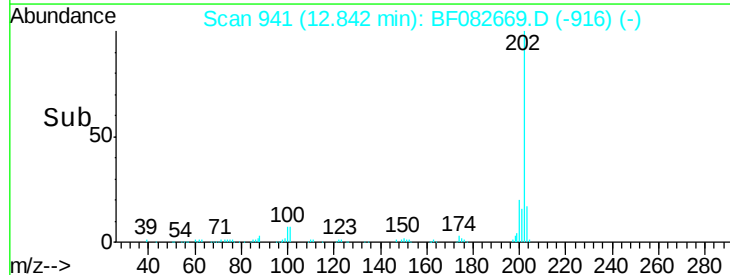
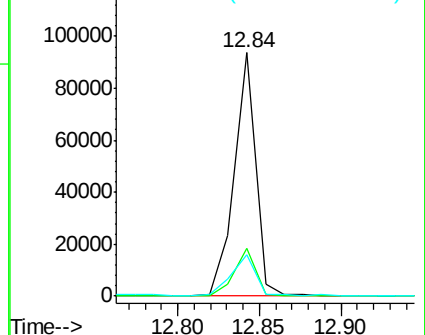
203 17.2 14.8 22.2

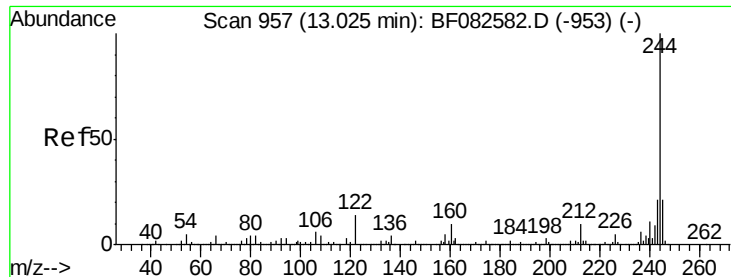


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

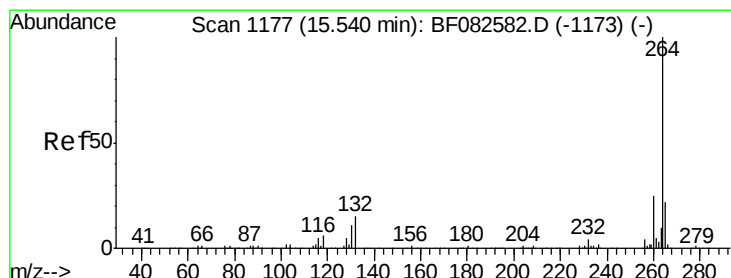
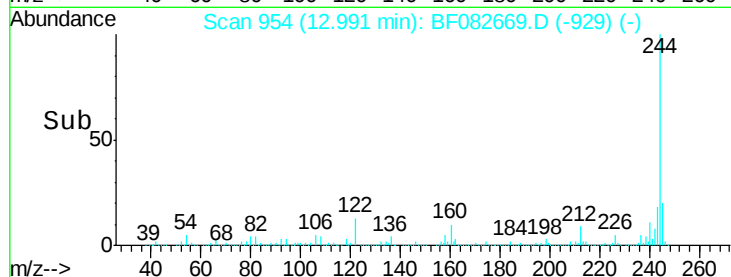
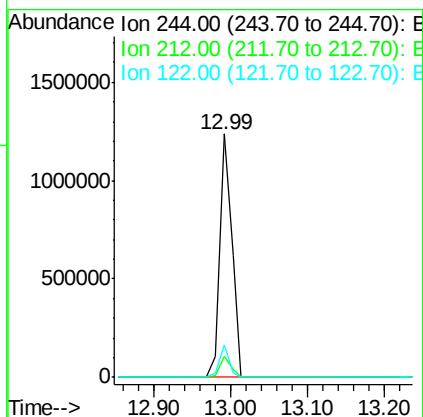
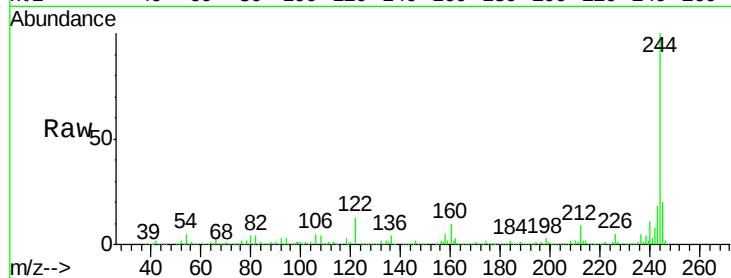




#78
 Terphenyl-d14
 Concen: 62.05 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF082669.D
 Acq: 3 Nov 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 CWC-4-20151102

Tgt 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

