

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082670.D
 Acq On : 3 Nov 2015 19:48
 Operator : UM/IZ
 Sample : G4242-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-5-20151102

Quant Time: Nov 04 03:19:23 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

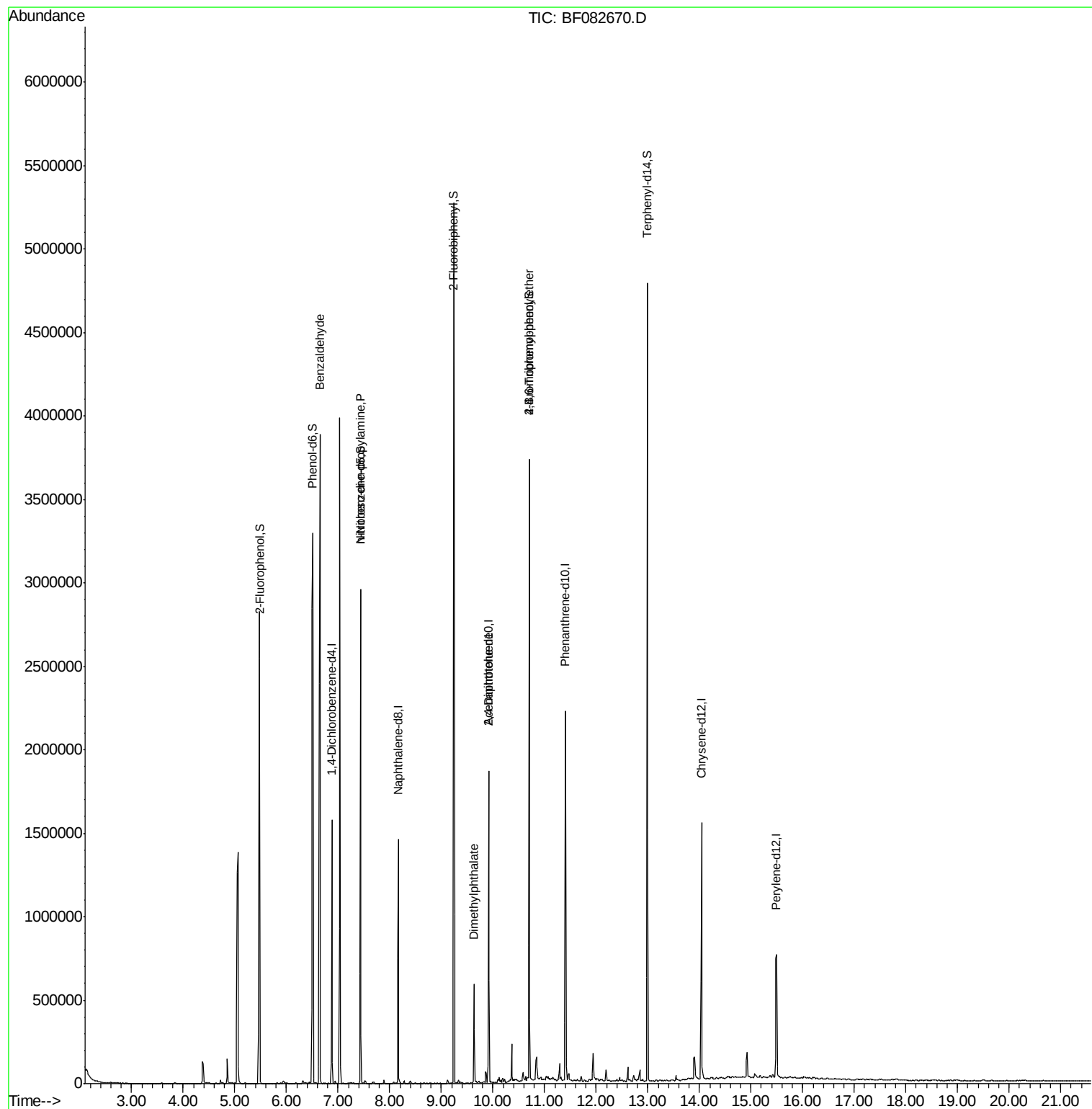
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190357	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	730937	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	365382	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	722366	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	551692	20.00	ng	-0.01
86) Perylene-d12	15.49	264	445881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1054258	83.41	ng	0.01
7) Phenol-d6	6.51	99	1548855	92.25	ng	0.00
23) Nitrobenzene-d5	7.44	82	933465	52.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	357709	89.46	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1511132	58.72	ng	-0.01
78) Terphenyl-d14	12.99	244	1514831	60.09	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	31997	2.79	ng	93
19) n-Nitroso-di-n-propylamine	7.44	70	132800	10.43	ng	# 73
49) Dimethylphthalate	9.63	163	277866	9.31	ng	99
56) 2,4-Dinitrotoluene	9.92	165	47837	5.72	ng	# 15
66) 4-Bromophenyl-phenylether	10.70	248	26455	3.23	ng	# 1

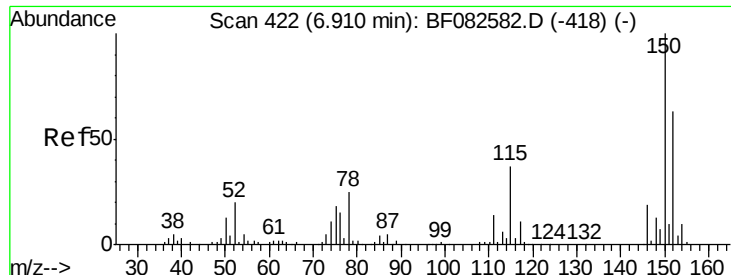
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
Data File : BF082670.D
Acq On : 3 Nov 2015 19:48
Operator : UM/IZ
Sample : G4242-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-5-20151102

Quant Time: Nov 04 03:19:23 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: BF082670.D

Acq: 3 Nov 2015 19:48

Instrument :

BNA_F

ClientSampleId :

CWC-5-20151102

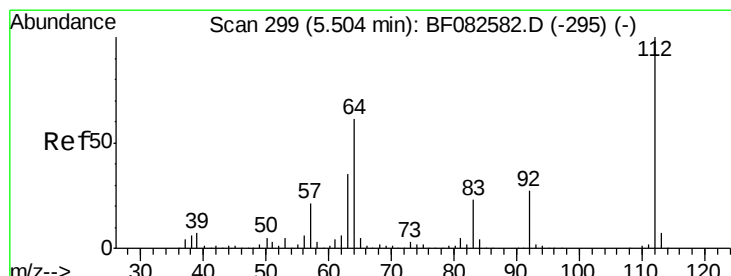
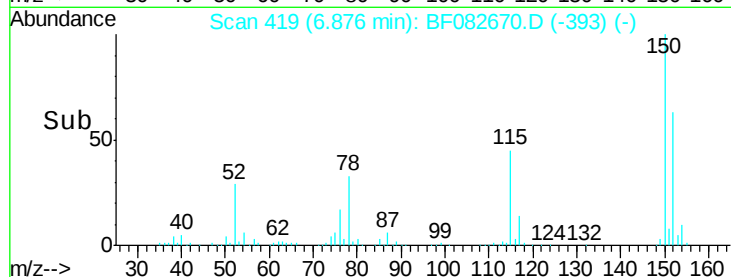
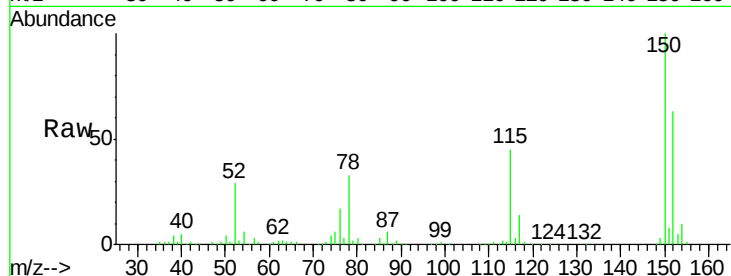
Tgt Ion:152 Resp: 190357

Ion Ratio Lower Upper

152 100

150 159.4 127.0 190.4

115 71.1 47.0 70.6#



#5

2-Fluorophenol

Concen: 83.41 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

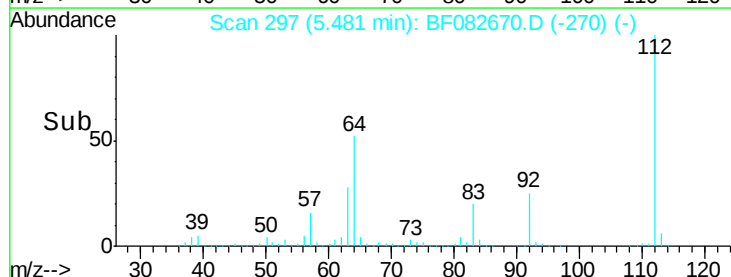
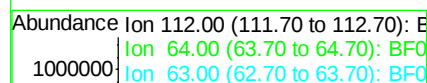
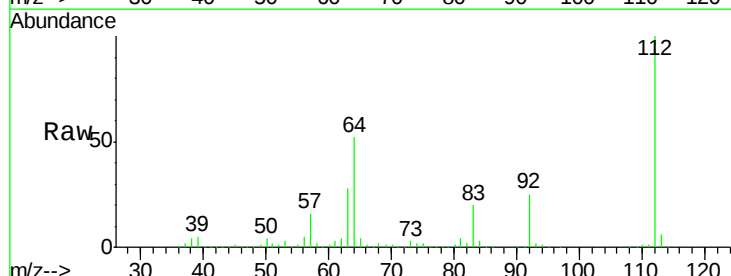
Tgt Ion:112 Resp: 1054258

Ion Ratio Lower Upper

112 100

64 52.0 48.9 73.3

63 27.8 28.1 42.1#





#7

Phenol-d6

Concen: 92.25 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

Instrument :

BNA_F

ClientSampleId :

CWC-5-20151102

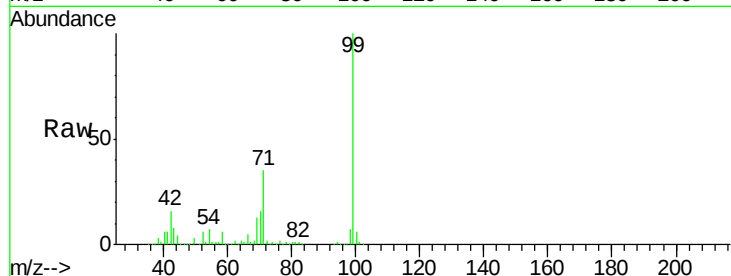
Tgt Ion: 99 Resp: 1548855

Ion Ratio Lower Upper

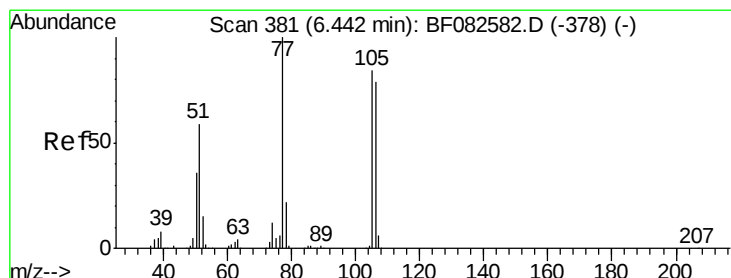
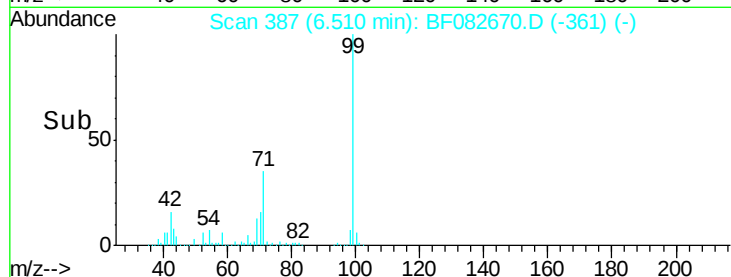
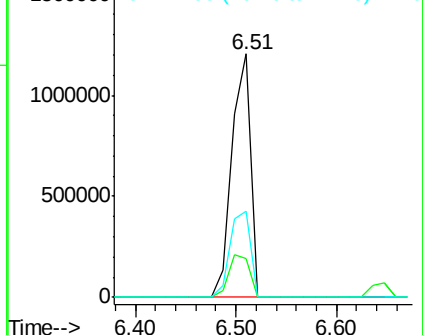
99 100

42 15.9 19.2 28.8#

71 35.5 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: 2.79 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

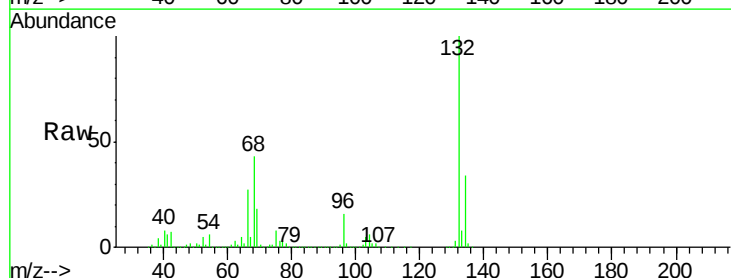
Tgt Ion: 77 Resp: 31997

Ion Ratio Lower Upper

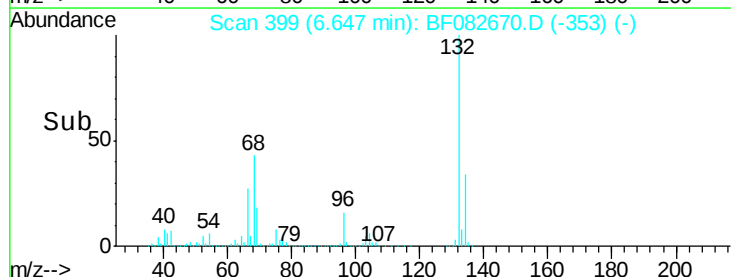
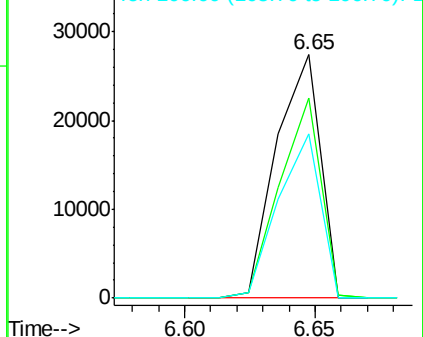
77 100

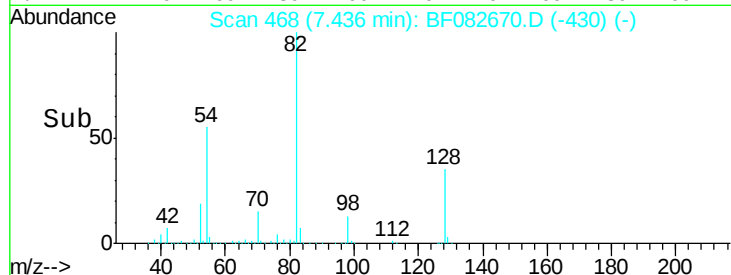
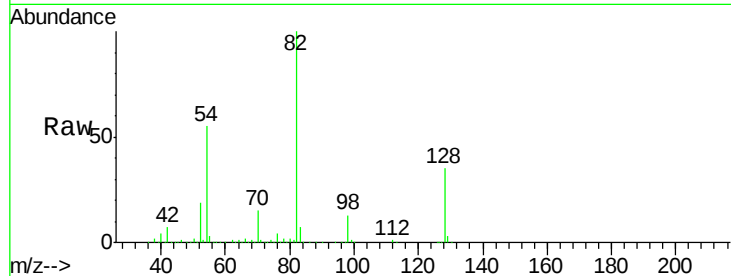
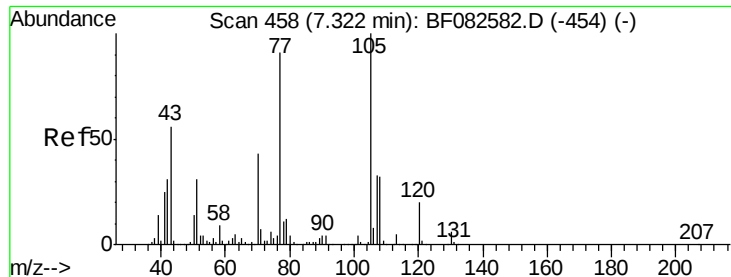
105 82.1 63.5 103.5

106 67.6 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

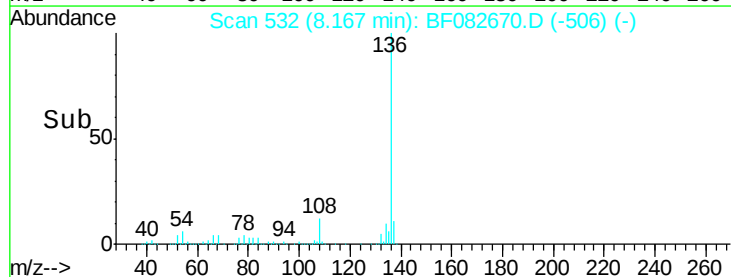
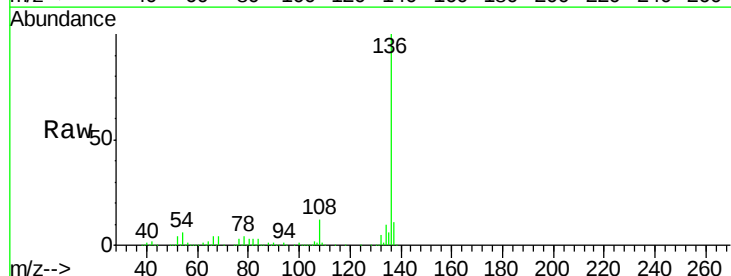
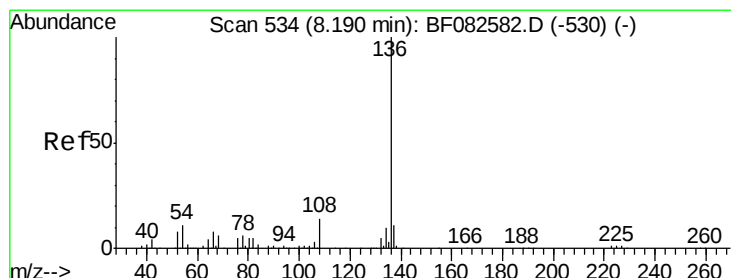
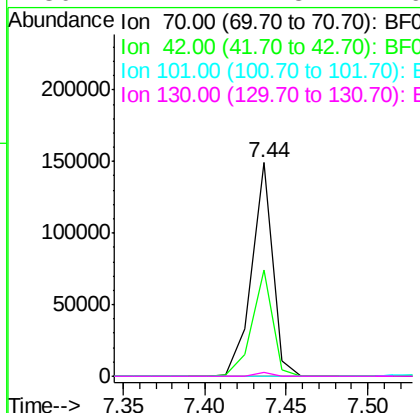




#19
n-Nitroso-di-n-propylamine
Concen: 10.43 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082670.D
Acq: 3 Nov 2015 19:48

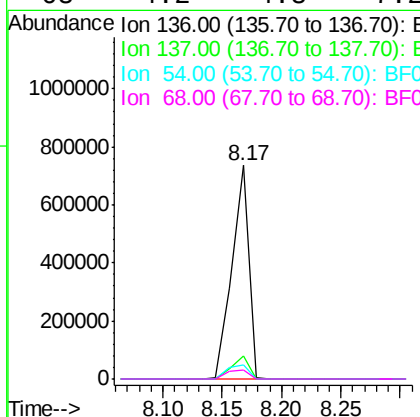
Instrument :
BNA_F
ClientSampleId :
CWC-5-20151102

Tgt Ion: 70 Resp: 132800
Ion Ratio Lower Upper
70 100
42 49.9 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 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: BF082670.D
Acq: 3 Nov 2015 19:48

Tgt Ion: 136 Resp: 730937
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.5 9.1 13.7#
68 4.2 4.8 7.2#

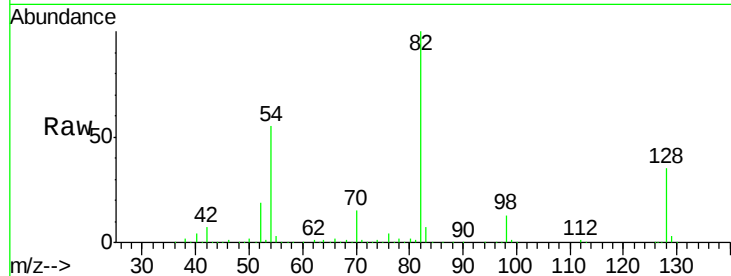




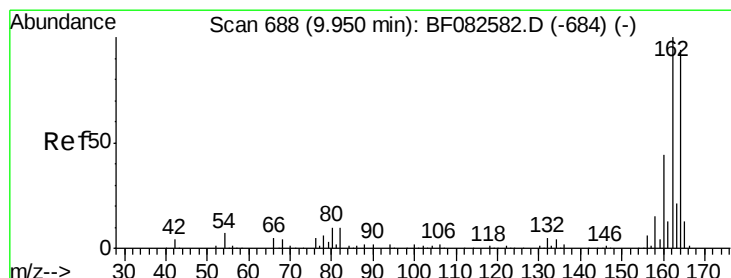
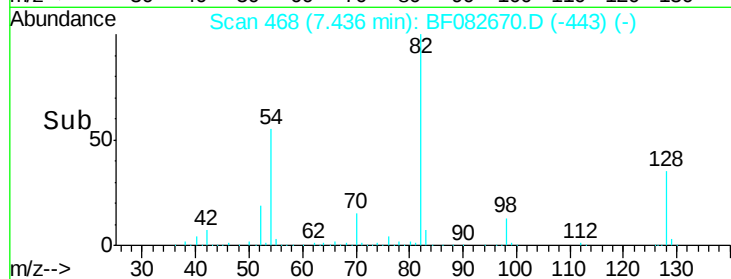
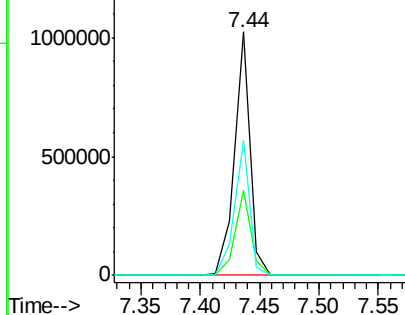
#23
 Nitrobenzene-d5
 Concen: 52.15 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082670.D
 Acq: 3 Nov 2015 19:48

Instrument :
 BNA_F
 ClientSampleId :
 CWC-5-20151102

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	26.8	40.2
54	55.3	45.7	68.5

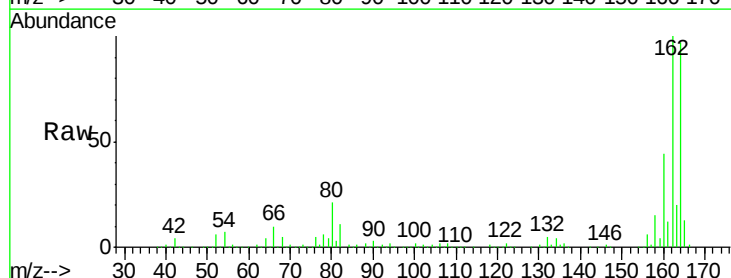


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

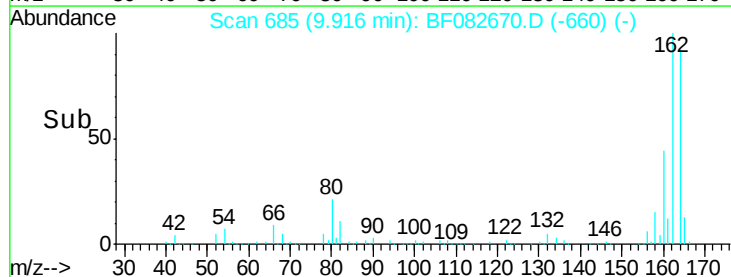
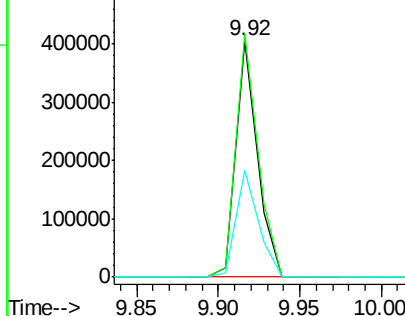


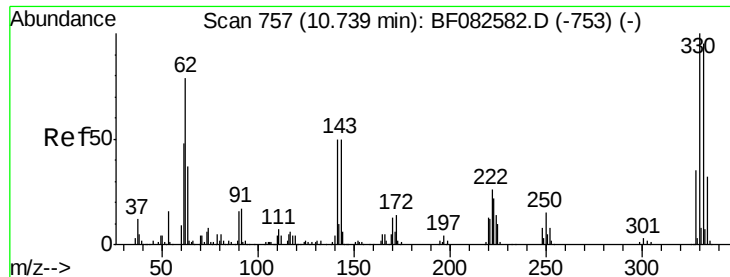
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082670.D
 Acq: 3 Nov 2015 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.9	127.3
160	45.0	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

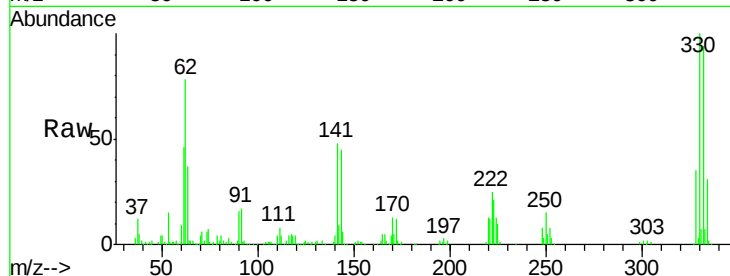




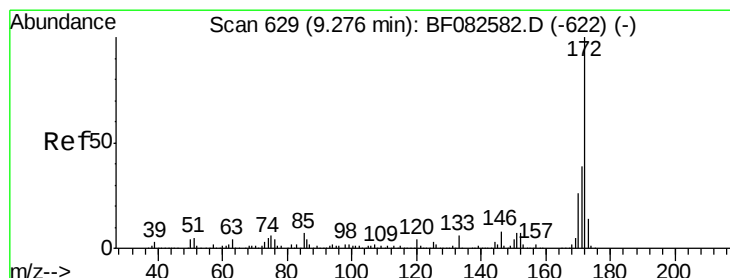
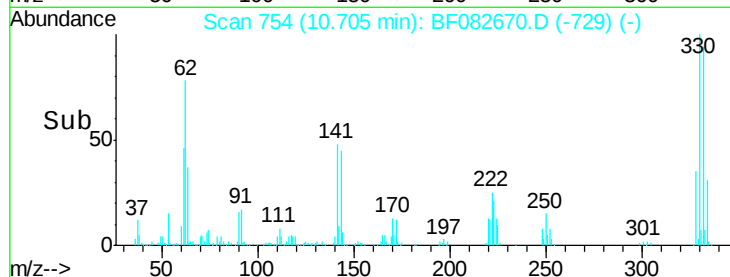
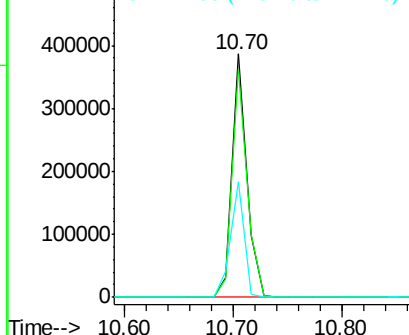
#41
 2,4,6-Tribromophenol
 Concen: 89.46 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082670.D
 Acq: 3 Nov 2015 19:48

Instrument :
 BNA_F
 ClientSampleId :
 CWC-5-20151102

Tgt Ion: 330 Resp: 357709
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 44.8 41.2 61.8

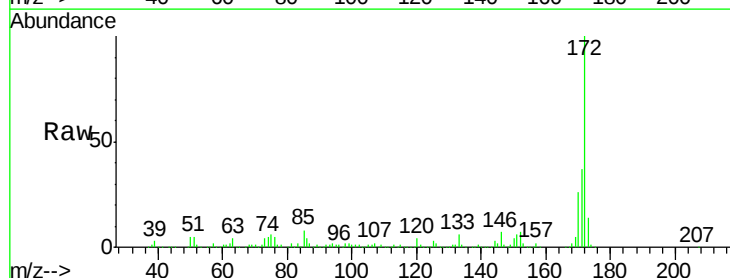


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

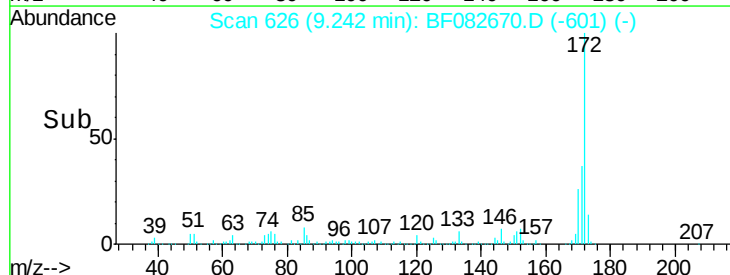
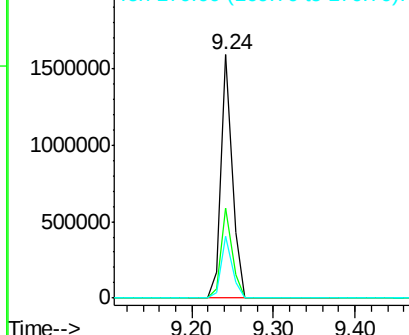


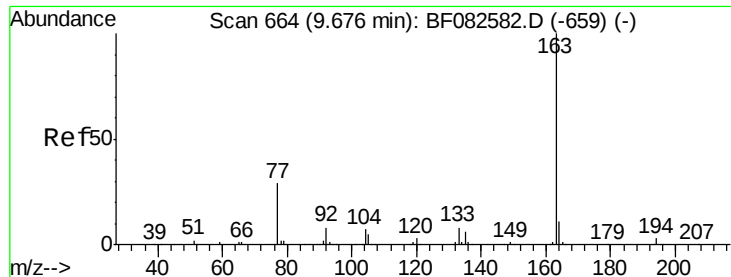
#44
 2-Fluorobiphenyl
 Concen: 58.72 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082670.D
 Acq: 3 Nov 2015 19:48

Tgt Ion: 172 Resp: 1511132
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.5 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: 9.31 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

Instrument :

BNA_F

ClientSampleId :

CWC-5-20151102

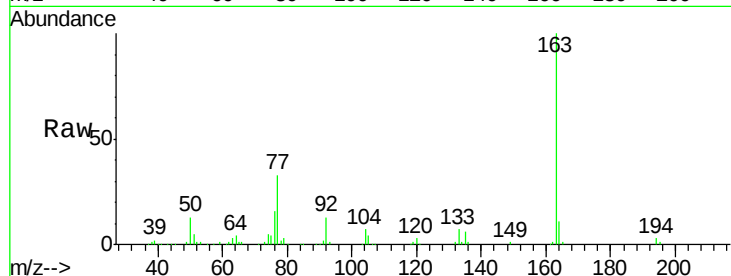
Tgt Ion:163 Resp: 277866

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

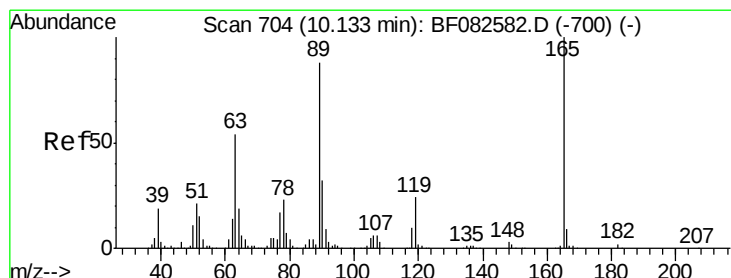
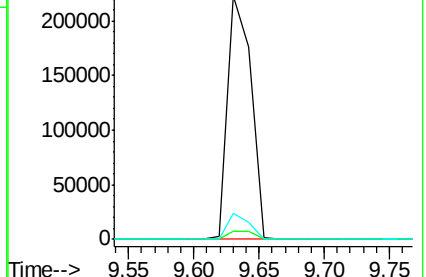
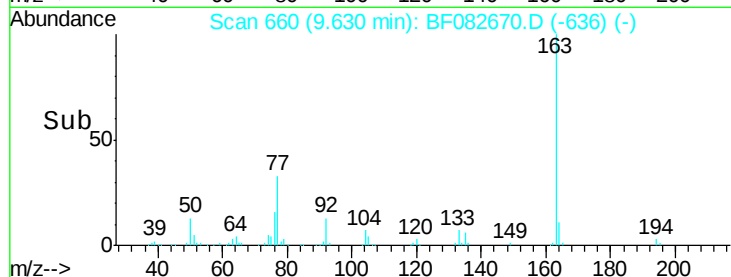
164 10.6 8.7 13.1



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



#56

2,4-Dinitrotoluene

Concen: 5.72 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.19 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

Tgt Ion:165 Resp: 47837

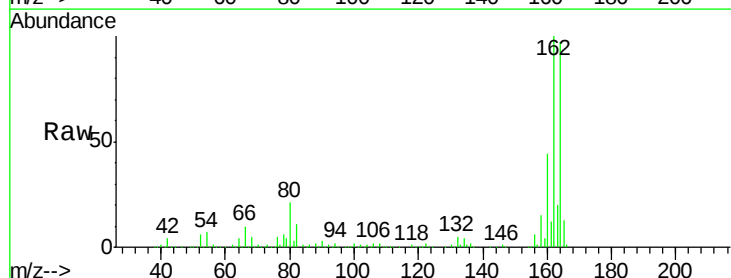
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.2 70.6 106.0#

182 0.0 1.5 2.3#

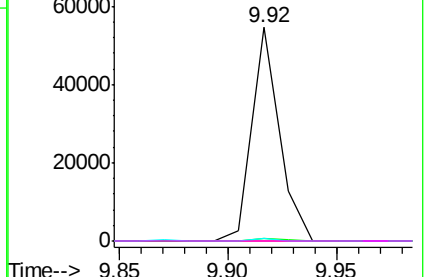
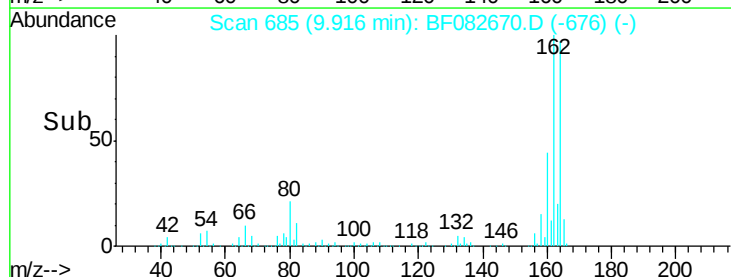


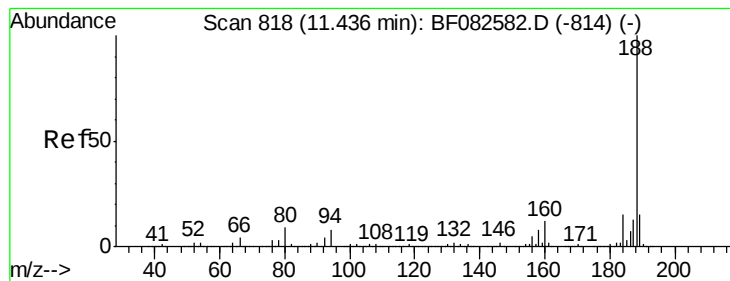
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

Instrument :

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CWC-5-20151102

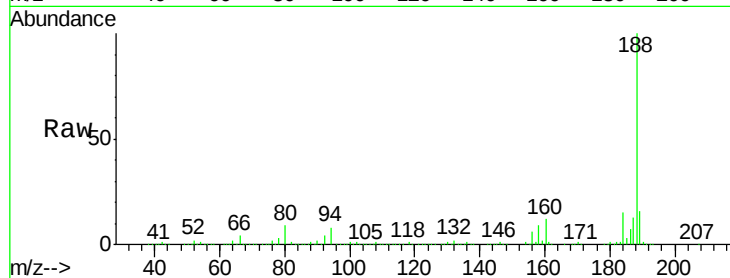
Tgt Ion:188 Resp: 722366

Ion Ratio Lower Upper

188 100

94 8.4 6.1 9.1

80 9.5 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

1200000

1000000

800000

600000

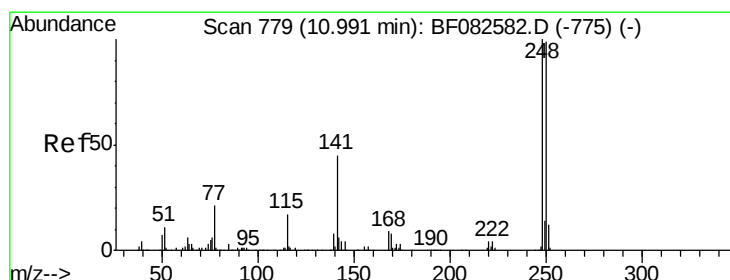
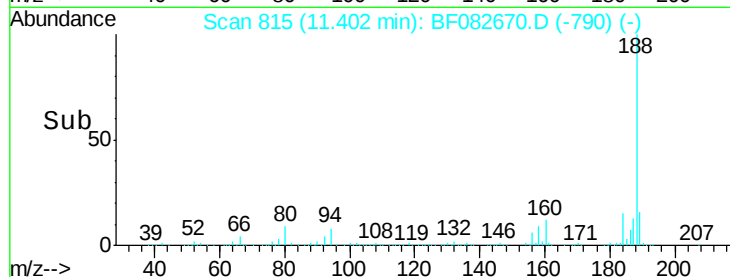
400000

200000

0

11.35 11.40 11.45

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.23 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

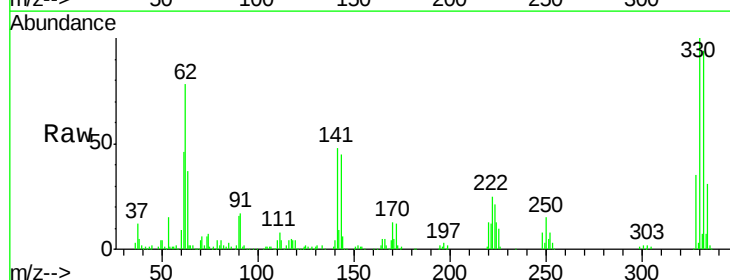
Tgt Ion:248 Resp: 26455

Ion Ratio Lower Upper

248 100

250 188.7 79.4 119.2#

141 583.0 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

250000

200000

150000

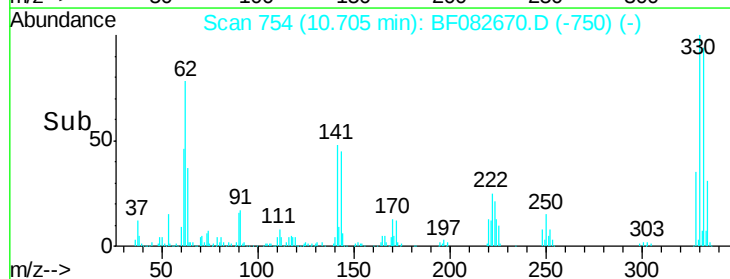
100000

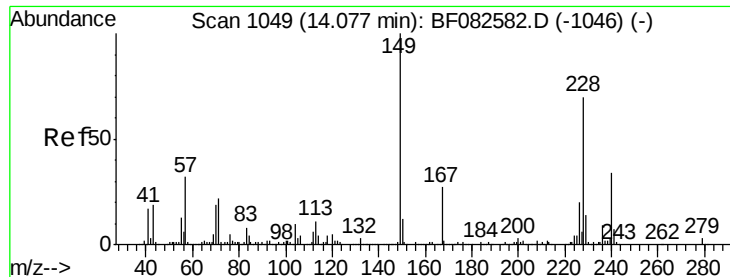
50000

0

10.70 10.75

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

Instrument :

BNA_F

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CWC-5-20151102

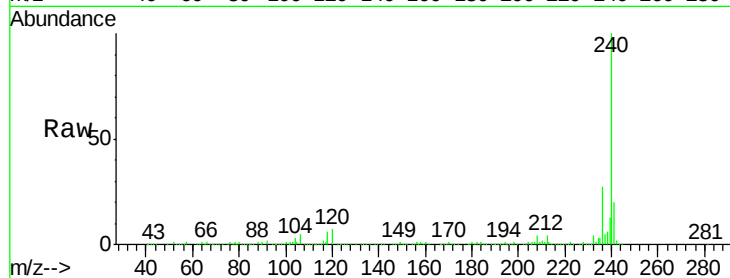
Tgt Ion:240 Resp: 551692

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

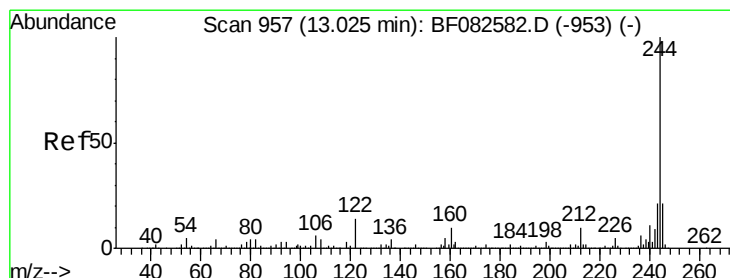
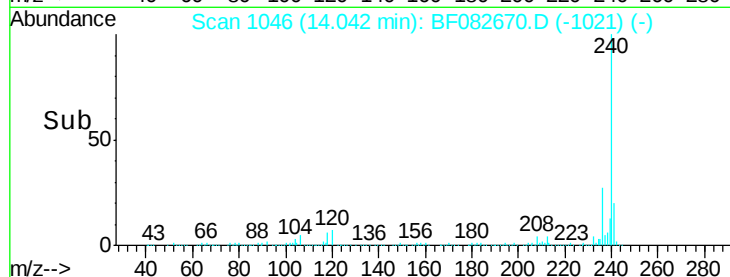
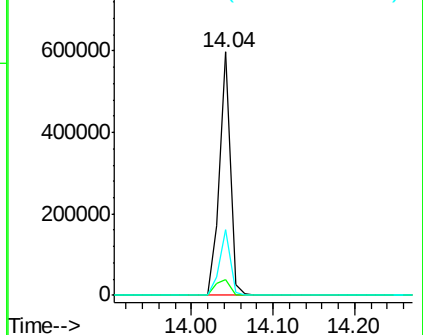
236 27.0 21.6 32.4



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



#78

Terphenyl-d14

Concen: 60.09 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082670.D

Acq: 3 Nov 2015 19:48

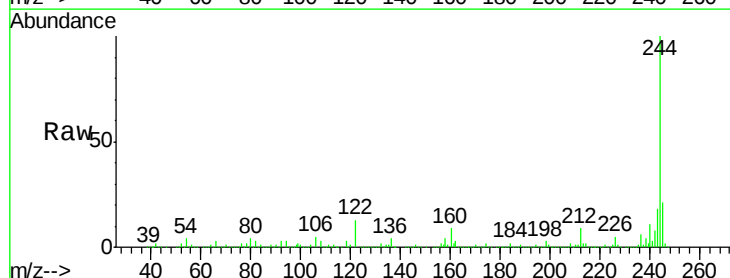
Tgt Ion:244 Resp: 1514831

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

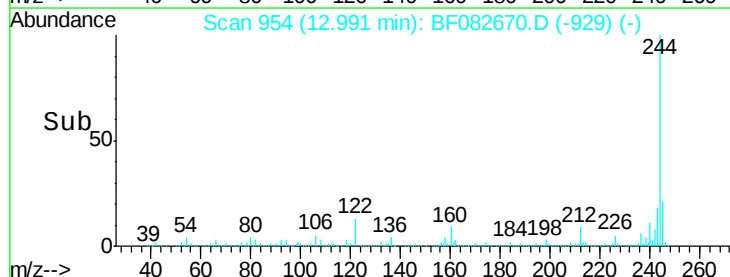
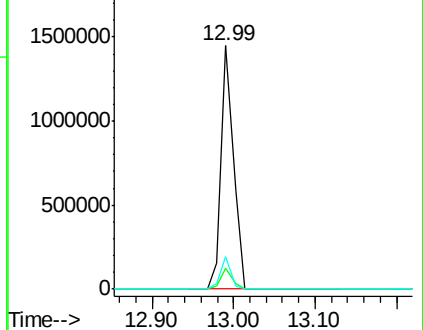
122 13.2 11.3 16.9

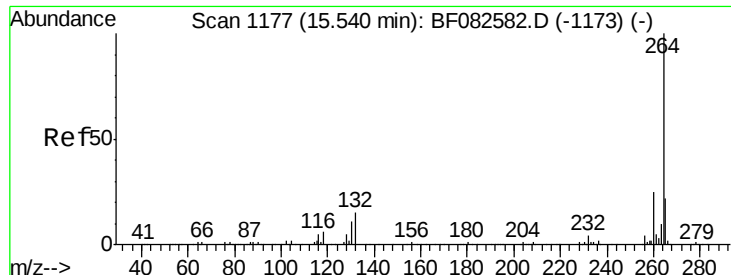


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

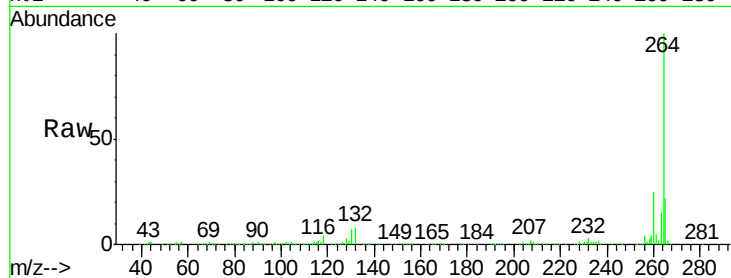




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF082670.D
Acq: 3 Nov 2015 19:48

Instrument :
BNA_F
ClientSampleId :
CWC-5-20151102

Tgt Ion: 264 Resp: 445881
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 21.5 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

