

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081180.D
 Acq On : 24 Aug 2015 21:03
 Operator : UM/IZ
 Sample : G3386-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-02

Quant Time: Aug 24 23:22:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

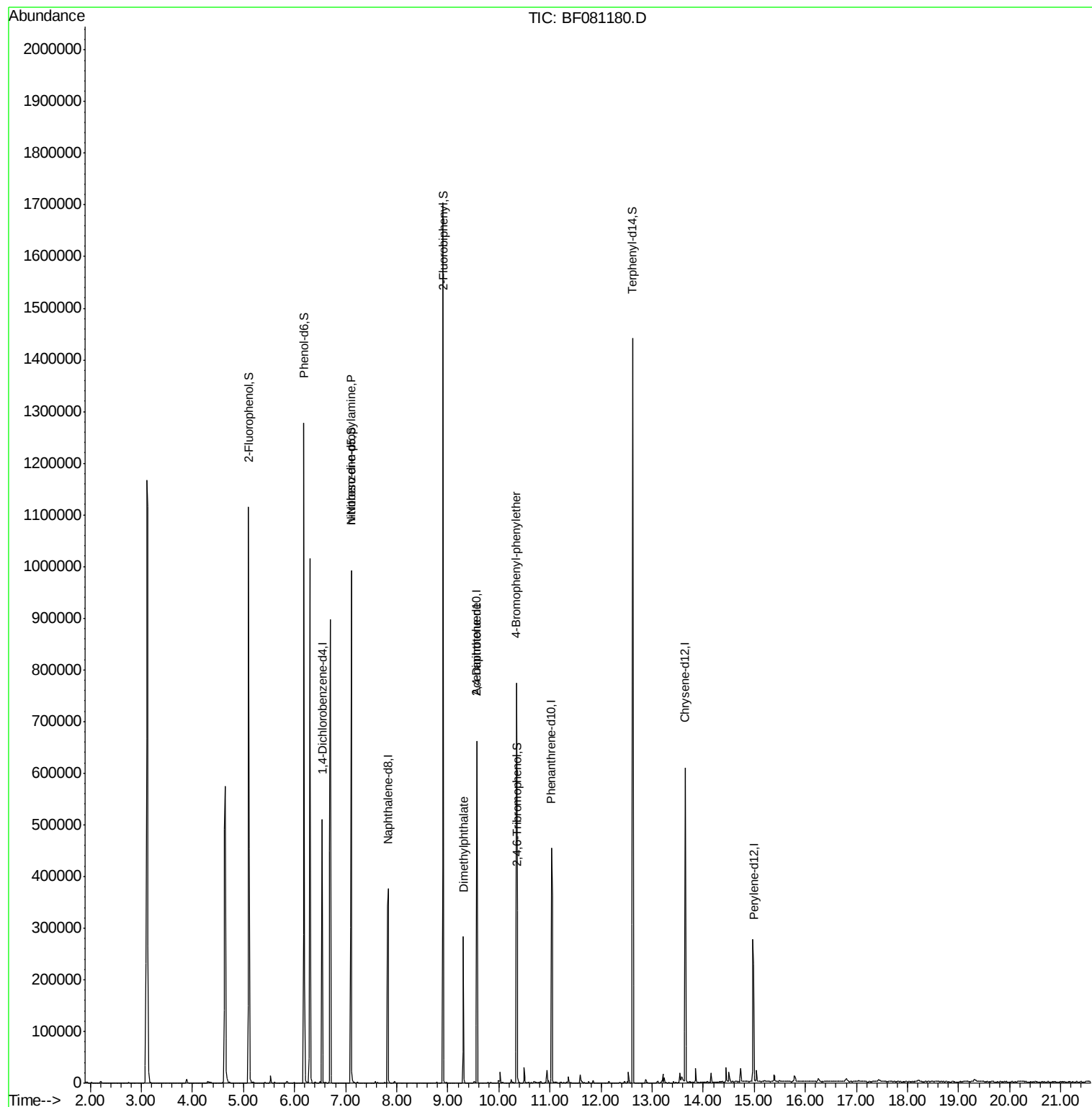
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65250	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	242279	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	121854	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	231741	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	192178	20.00	ng	-0.01
86) Perylene-d12	14.99	264	137084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	315001	72.61	ng	0.00
7) Phenol-d6	6.18	99	411822	72.76	ng	-0.01
23) Nitrobenzene-d5	7.11	82	307231	57.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	80364	76.08	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	486111	52.27	ng	0.00
78) Terphenyl-d14	12.62	244	419761	46.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	40514	10.33	ng	# 68
49) Dimethylphthalate	9.30	163	108354	10.80	ng	99
56) 2,4-Dinitrotoluene	9.57	165	15236	5.34	ng	# 16
66) 4-Bromophenyl-phenylether	10.34	248	5783	2.54	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

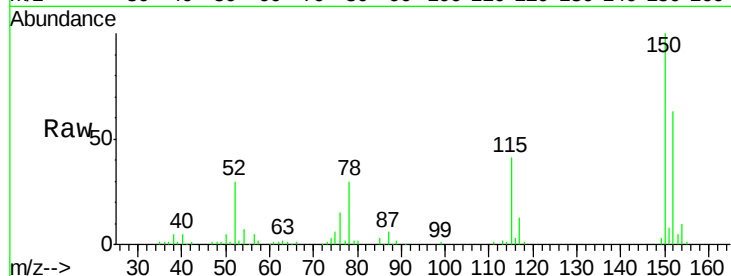
Tgt Ion:152 Resp: 65250

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.6

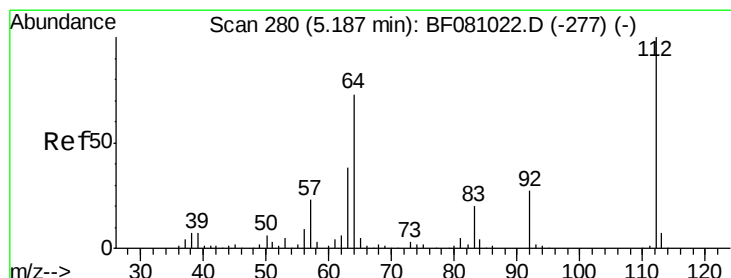
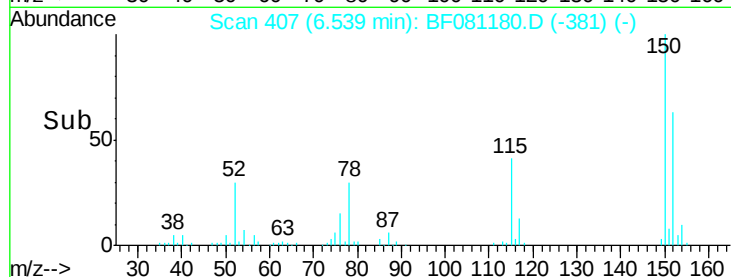
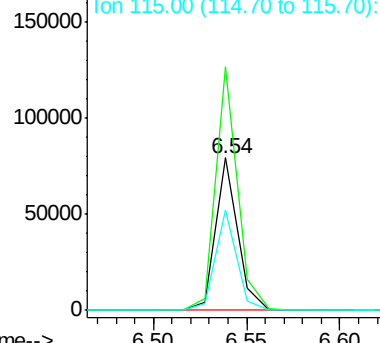
115 65.7 52.1 78.1



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: 72.61 ng

RT: 5.10 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

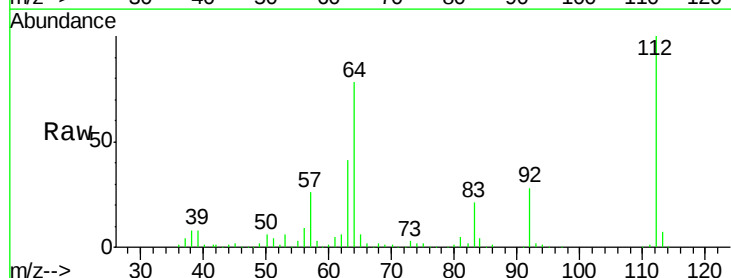
Tgt Ion:112 Resp: 315001

Ion Ratio Lower Upper

112 100

64 78.3 66.9 100.3

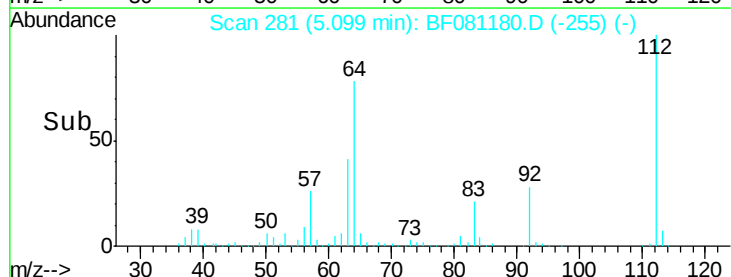
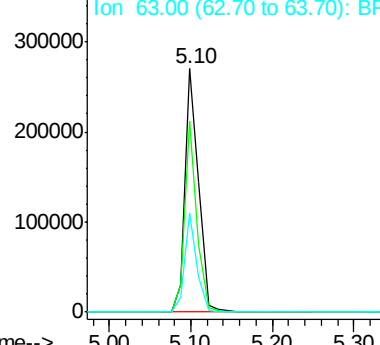
63 40.8 38.1 57.1



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: 72.76 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

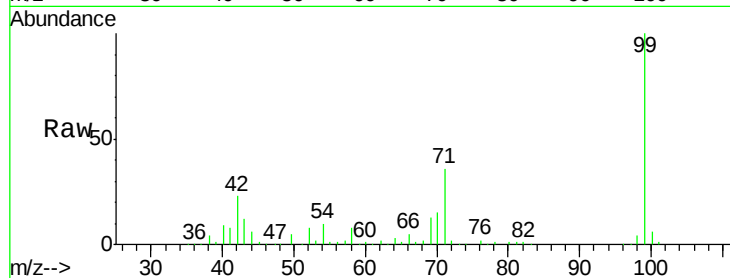
Tgt Ion: 99 Resp: 411822

Ion Ratio Lower Upper

99 100

42 22.9 19.6 29.4

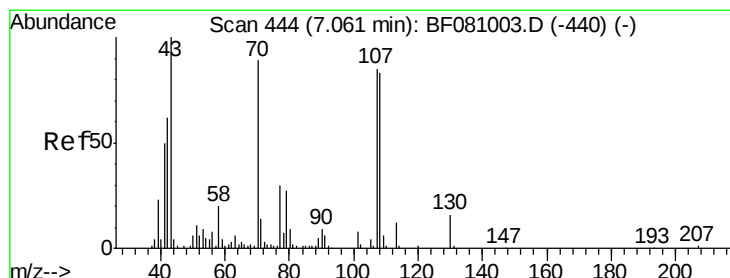
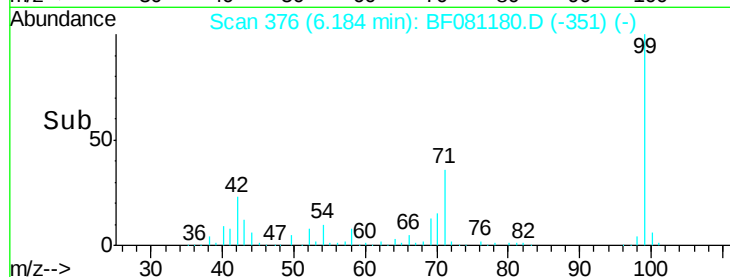
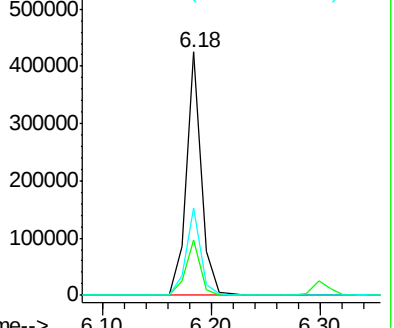
71 35.7 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.33 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Tgt Ion: 70 Resp: 40514

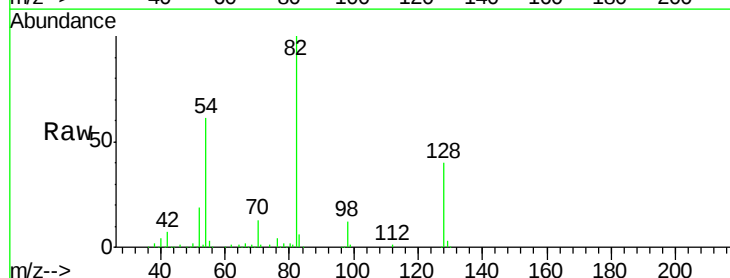
Ion Ratio Lower Upper

70 100

42 52.4 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

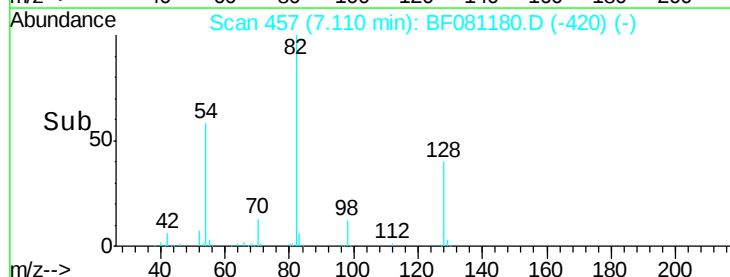
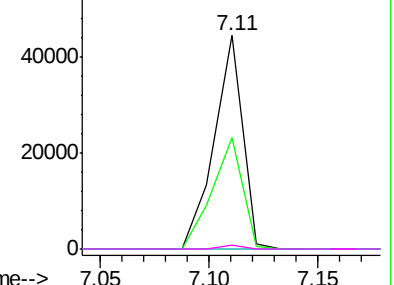


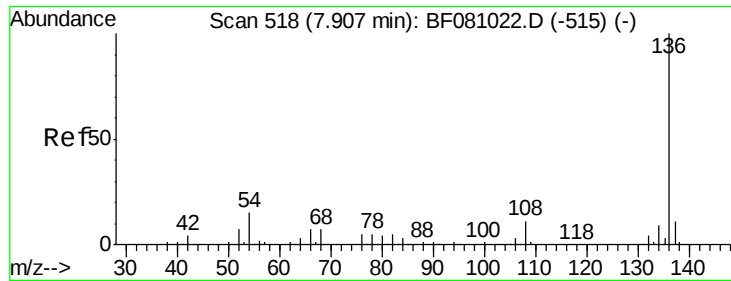
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

P001-BF001-02

Tgt Ion:136 Resp: 242279

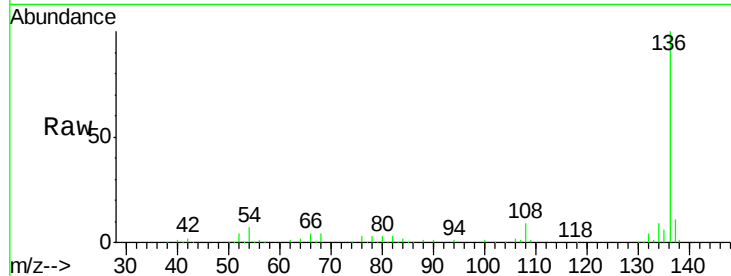
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 7.5 7.7 11.5#

68 4.4 3.4 5.2

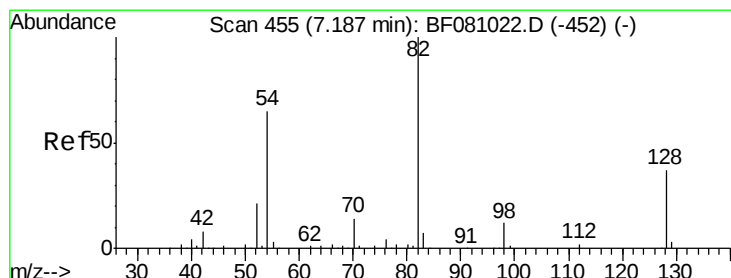
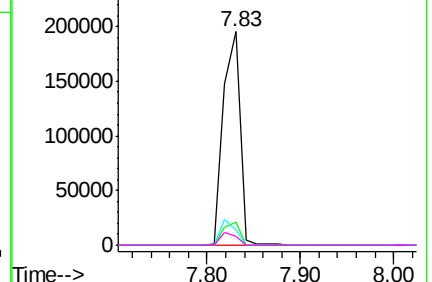
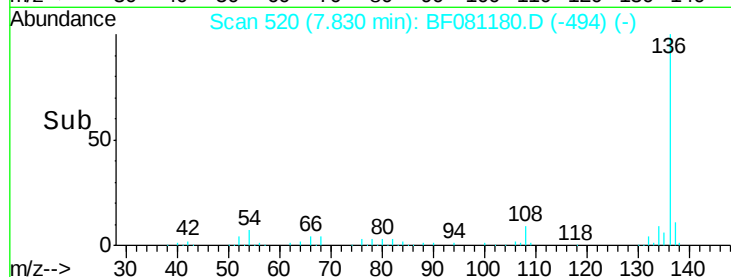


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 57.93 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081180.D

Acq: 24 Aug 2015 21:03

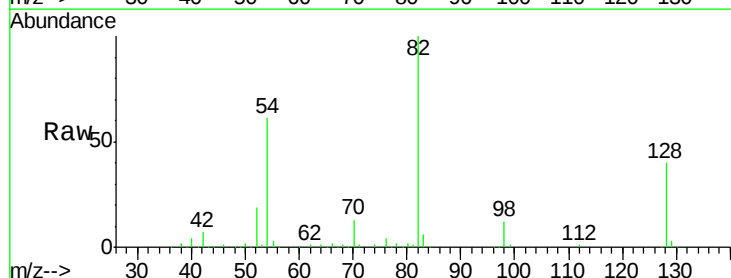
Tgt Ion: 82 Resp: 307231

Ion Ratio Lower Upper

82 100

128 39.8 28.6 42.8

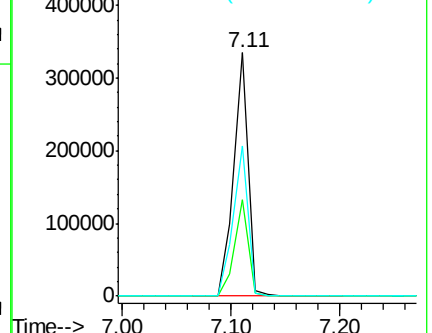
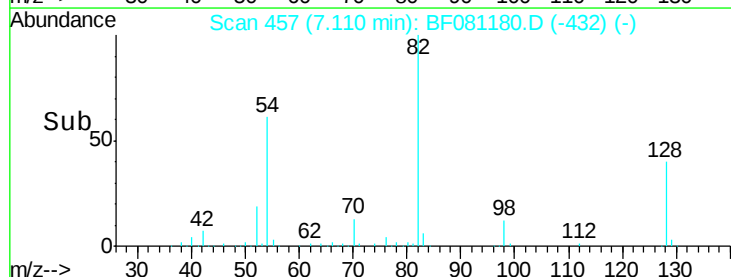
54 61.4 55.1 82.7

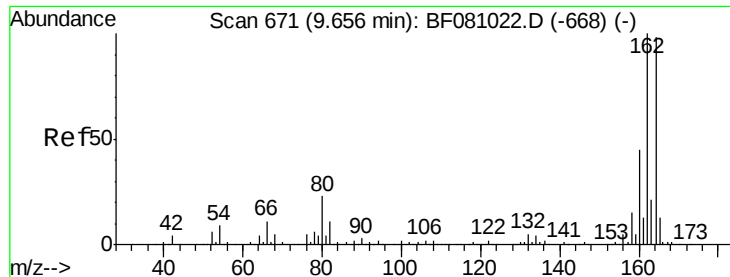


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

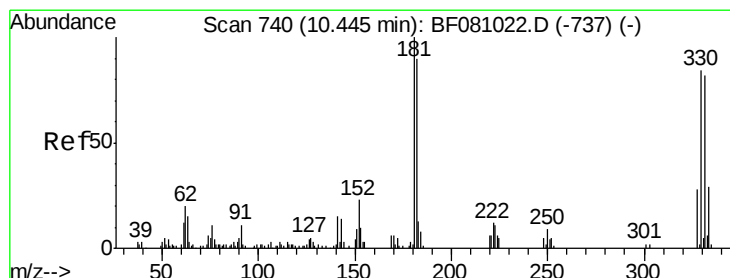
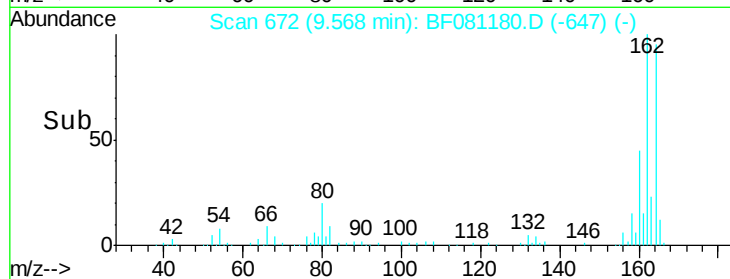
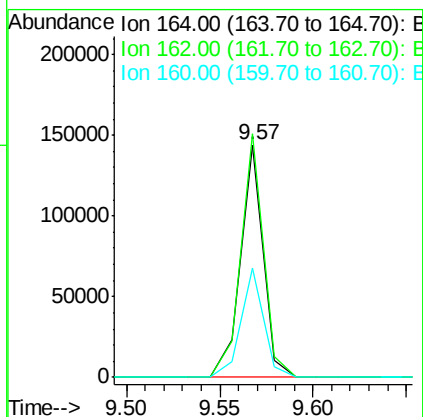
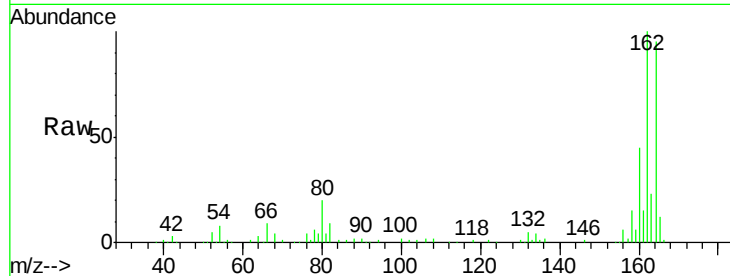




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

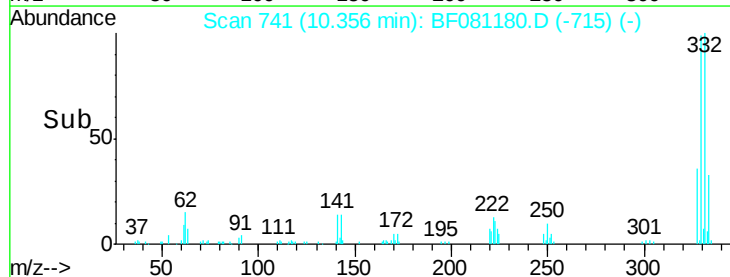
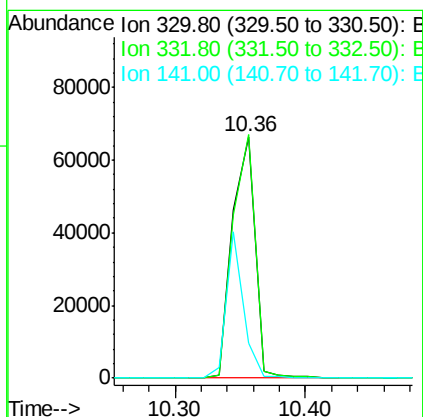
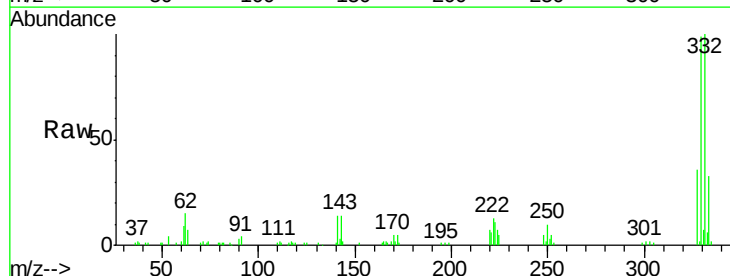
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-02

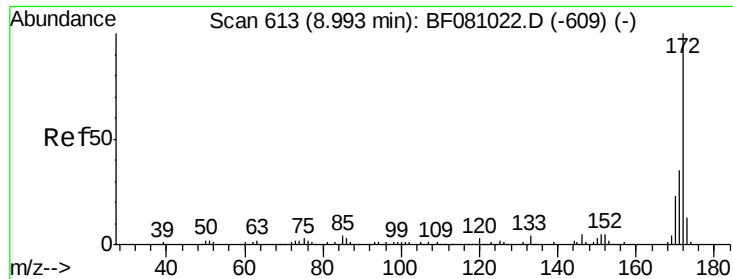
Tgt Ion:164 Resp: 121854
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.8 125.8
 160 46.9 39.8 59.8



#41
 2,4,6-Tribromophenol
 Concen: 76.08 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

Tgt Ion:330 Resp: 80364
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.3 115.9
 141 45.9 44.9 67.3

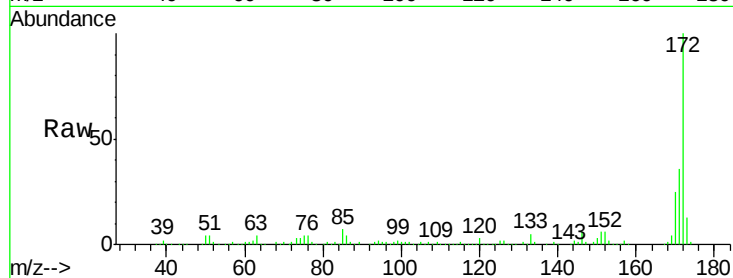




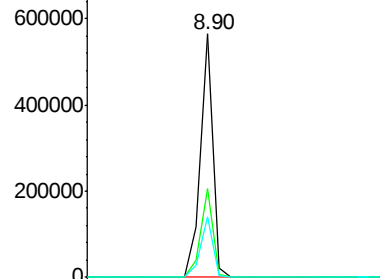
#44
 2-Fluorobiphenyl
 Concen: 52.27 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-02

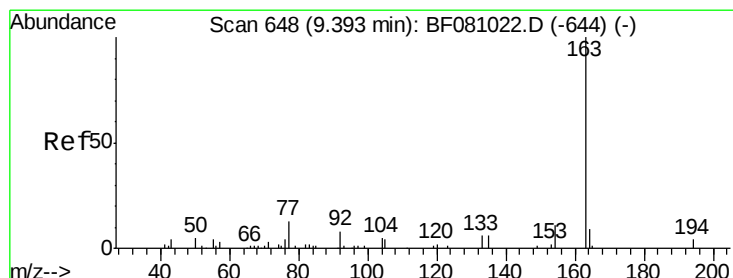
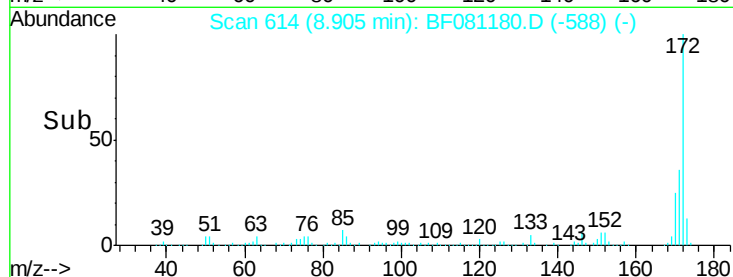
Tgt Ion:172 Resp: 486111
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.6 19.4 29.2



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

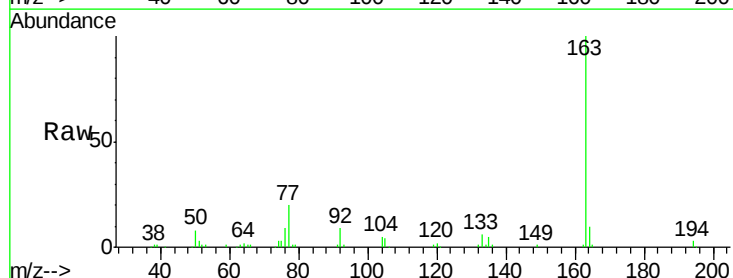


Time-->

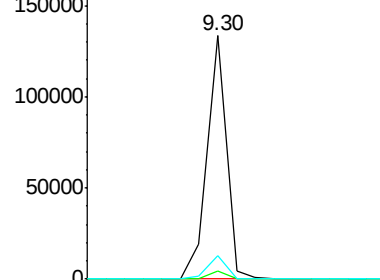


#49
 Dimethylphthalate
 Concen: 10.80 ng
 RT: 9.30 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

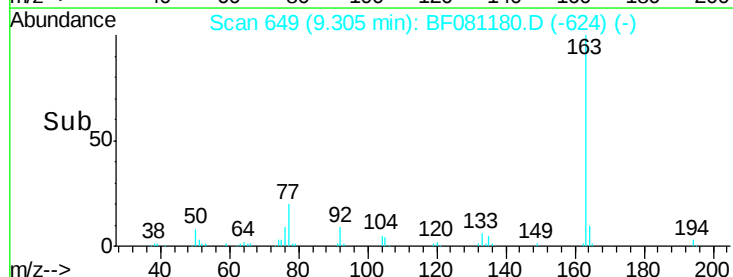
Tgt Ion:163 Resp: 108354
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.5 3.7
 164 9.8 8.1 12.1

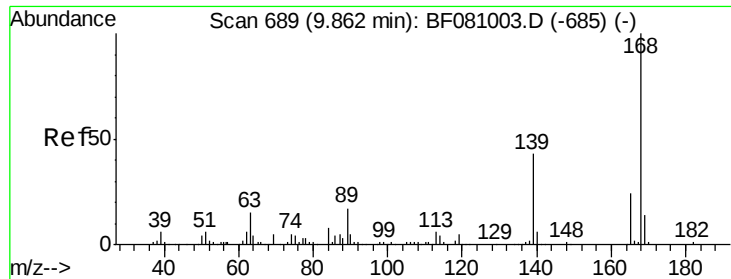


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

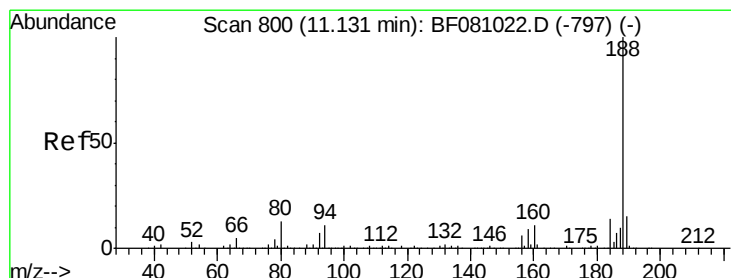
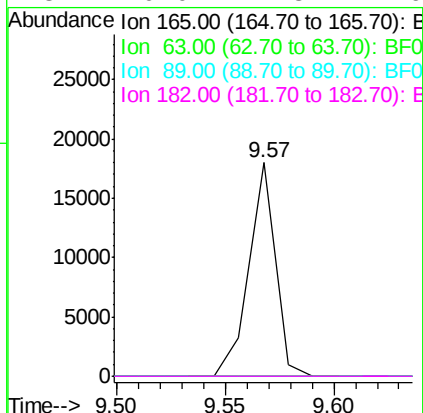
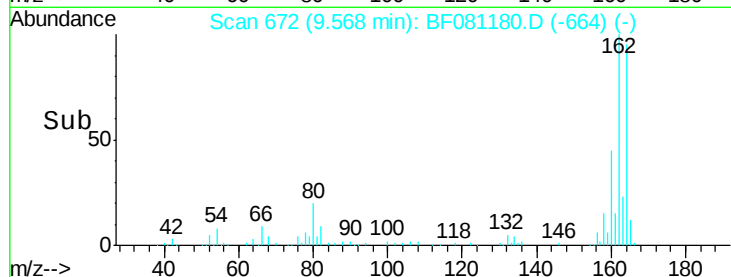
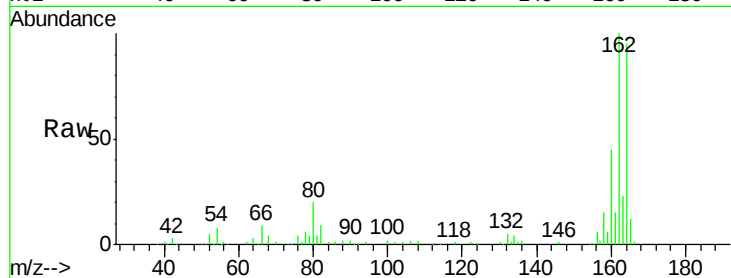




#56
 2,4-Dinitrotoluene
 Concen: 5.34 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

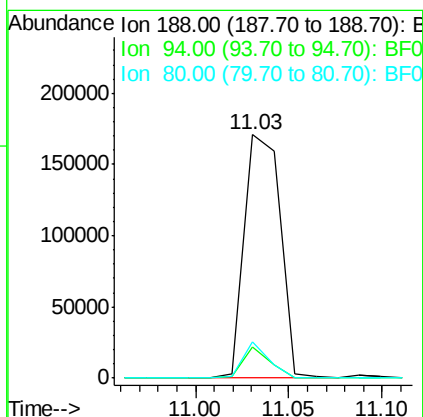
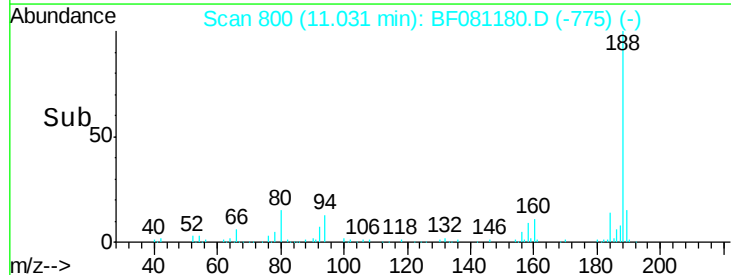
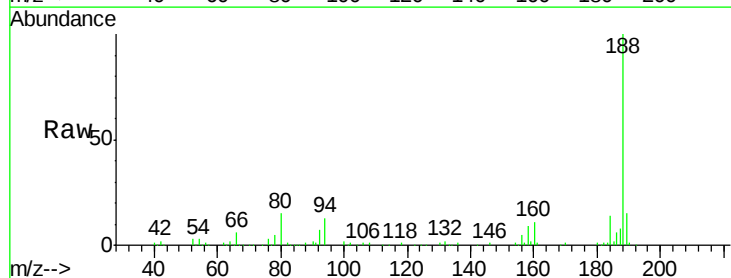
Instrument :
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 P001-BF001-02

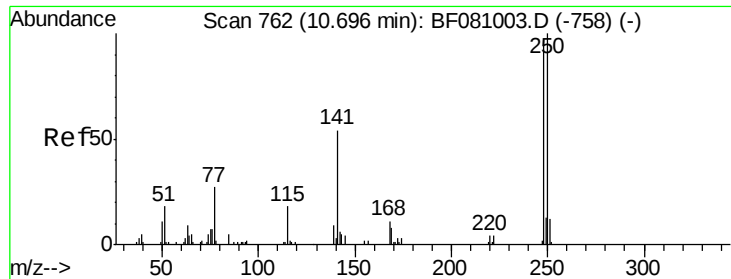
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.2	12.2#
80	15.0	9.5	14.3#

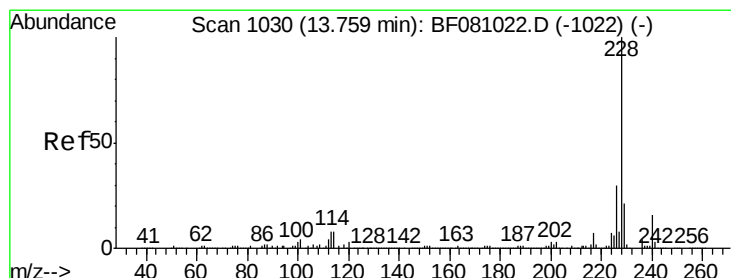
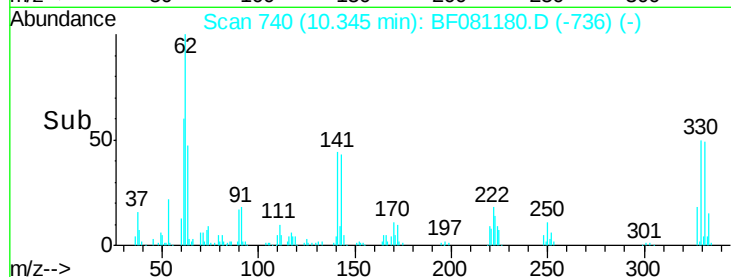
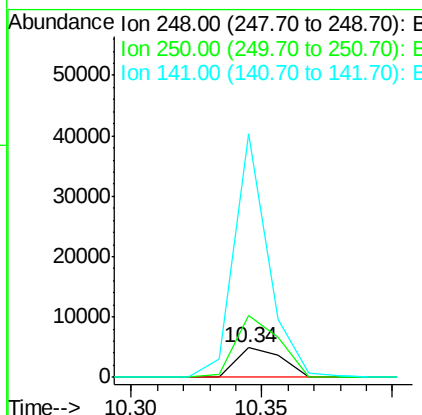
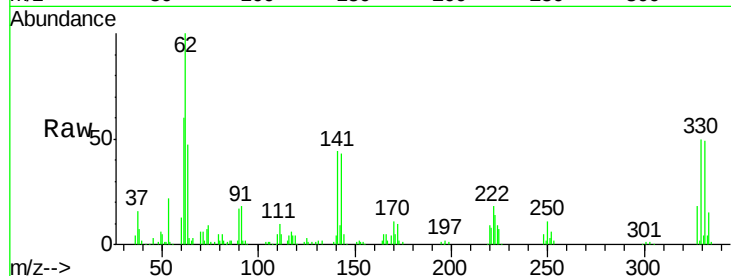




#66
 4-Bromophenyl-phenylether
 Concen: 2.54 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

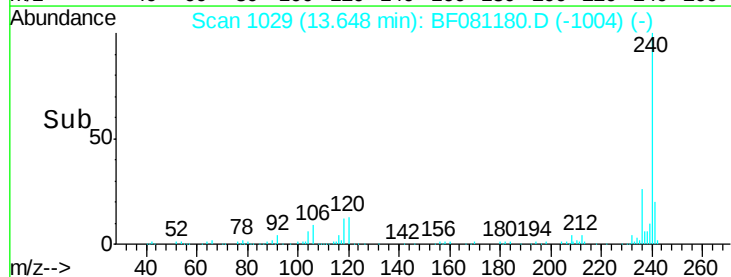
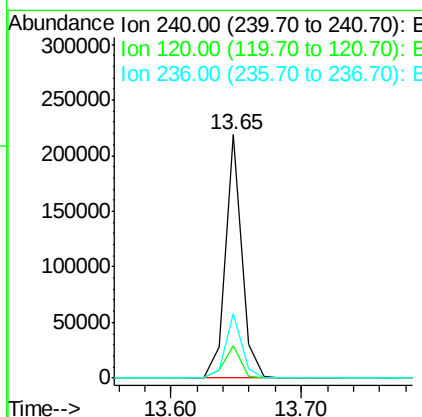
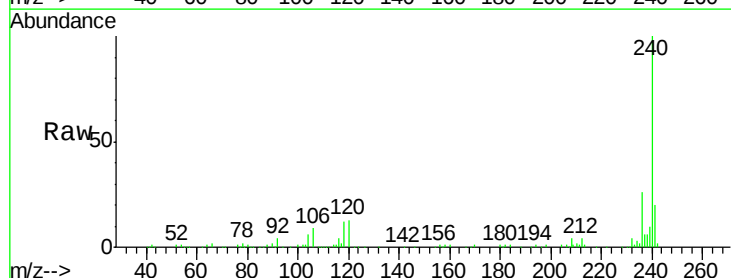
Instrument :
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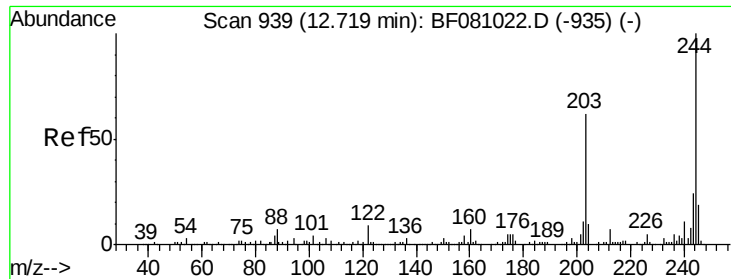
Tgt Ion:248 Resp: 5783
 Ion Ratio Lower Upper
 248 100
 250 210.5 77.8 116.6#
 141 832.0 39.8 59.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

Tgt Ion:240 Resp: 192178
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.6 8.4#
 236 26.4 20.6 30.8

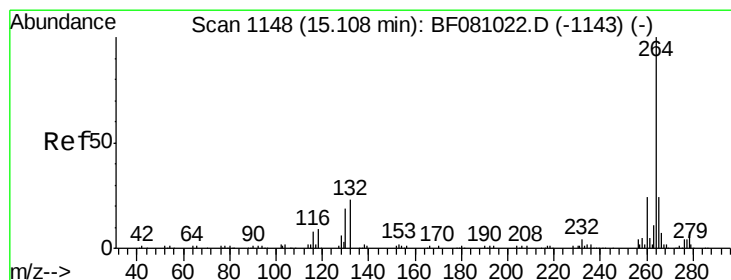
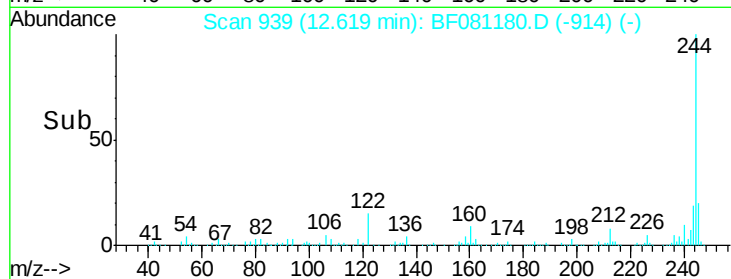
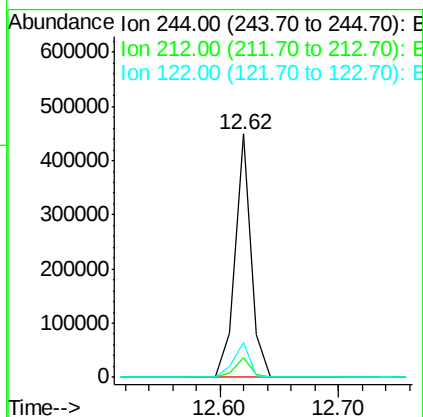
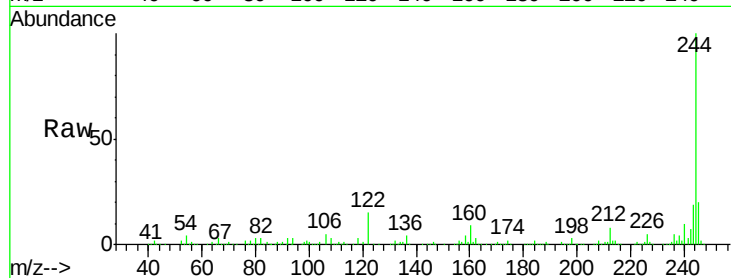




#78
 Terphenyl-d14
 Concen: 46.83 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-02

Tgt Ion:244 Resp: 419761
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.6 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081180.D
 Acq: 24 Aug 2015 21:03

Tgt Ion:264 Resp: 137084
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.1 17.5 26.3

