

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077265.D
 Acq On : 11 Feb 2015 21:36
 Operator : TP/IZ
 Sample : G1272-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 12 00:08:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

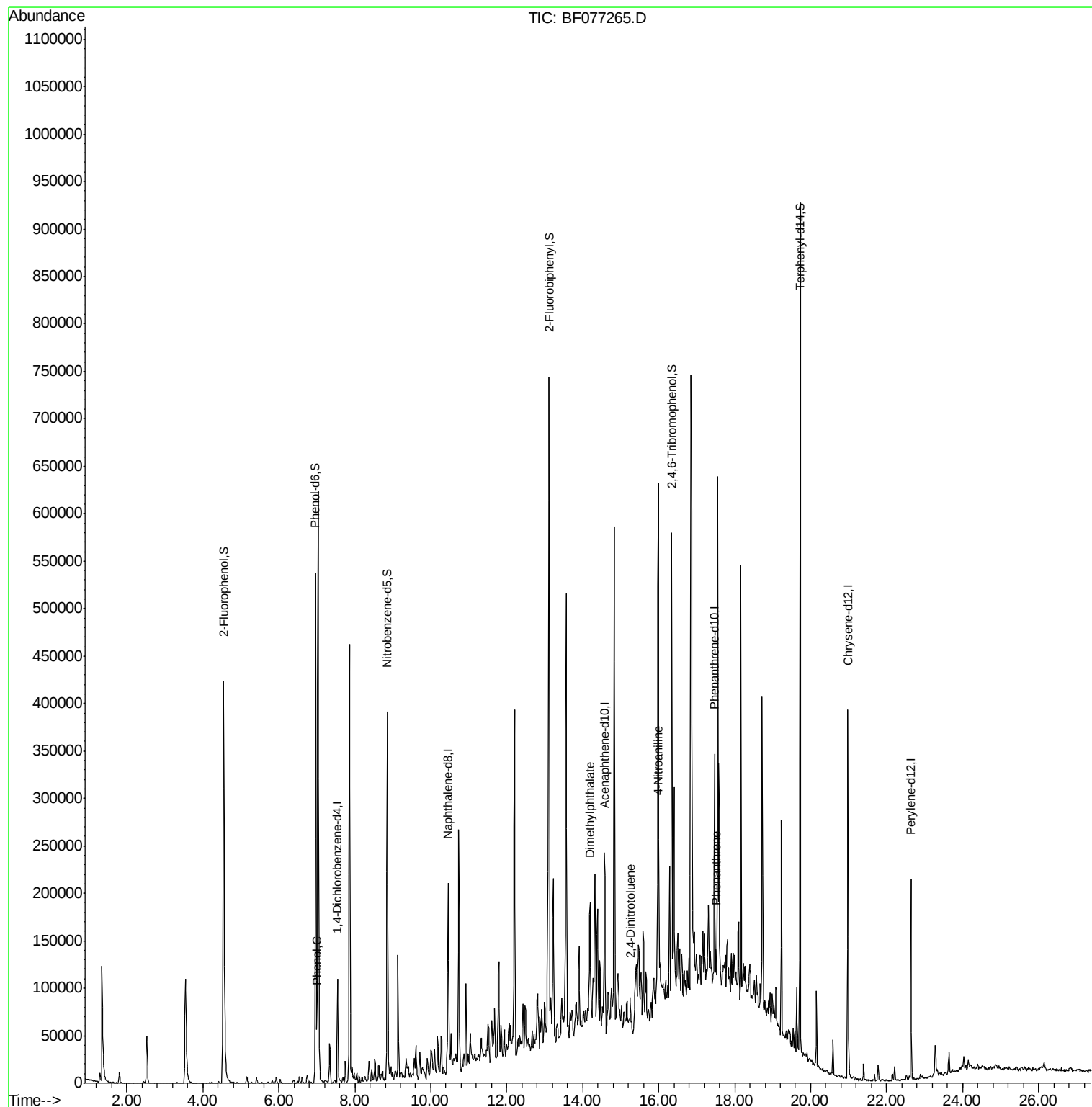
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	32406	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	131594	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	65118	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	108013	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	100475	20.00	ng	-0.03
86) Perylene-d12	22.64	264	97905	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	254457	129.10	ng	-0.05
7) Phenol-d6	6.97	99	327415	131.68	ng	-0.05
23) Nitrobenzene-d5	8.85	82	204028	85.90	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	69533	131.55	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	388493	90.79	ng	-0.05
78) Terphenyl-d14	19.72	244	347410	79.60	ng	-0.03
Target Compounds						
10) Phenol	7.00	94	8535	3.23	ng	# 63
49) Dimethylphthalate	14.19	163	37082	8.03	ng	99
56) 2,4-Dinitrotoluene	15.25	165	1148	2.90	ng	# 20
61) 4-Nitroaniline	16.00	138	704	2.01	ng	# 15
70) Phenanthrene	17.51	178	14723	2.19	ng	95

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

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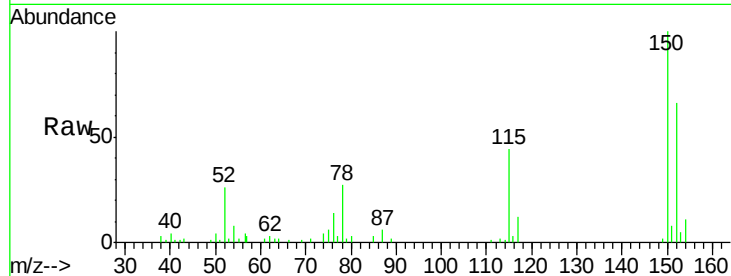


#1

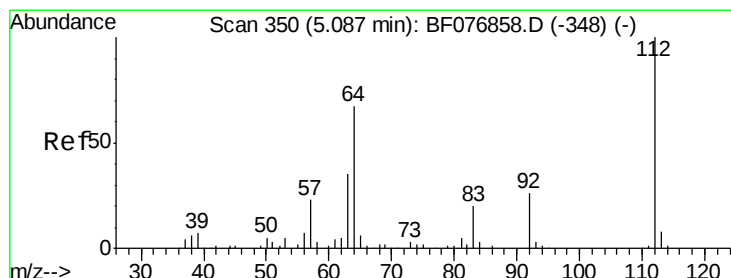
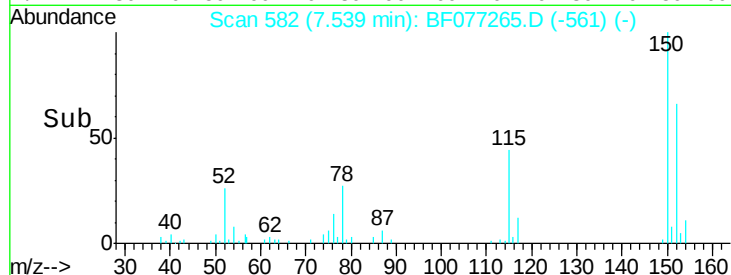
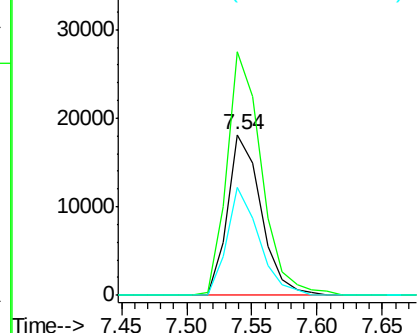
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 32406
Ion Ratio Lower Upper
152 100
150 151.8 121.7 182.5
115 67.2 47.0 70.6



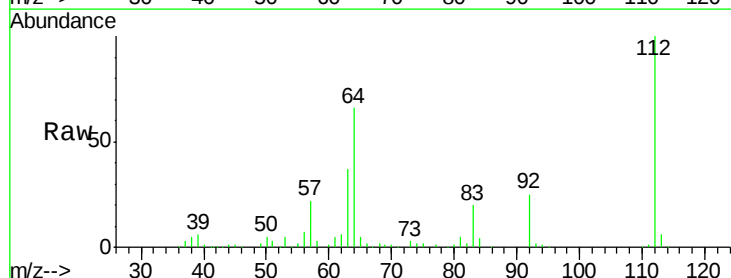
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



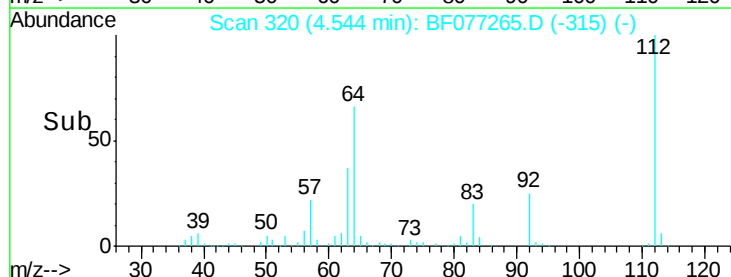
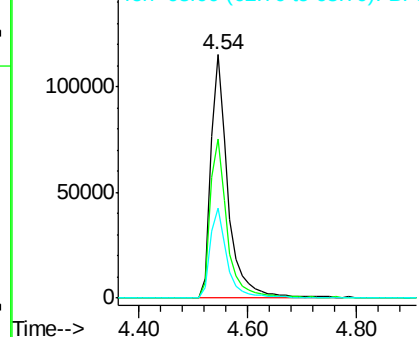
#5

2-Fluorophenol
Concen: 129.10 ng
RT: 4.54 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

Tgt Ion:112 Resp: 254457
Ion Ratio Lower Upper
112 100
64 65.6 54.2 81.4
63 36.7 28.4 42.6



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: 131.68 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

Instrument :

BNA_F

ClientSampled :

WC-1

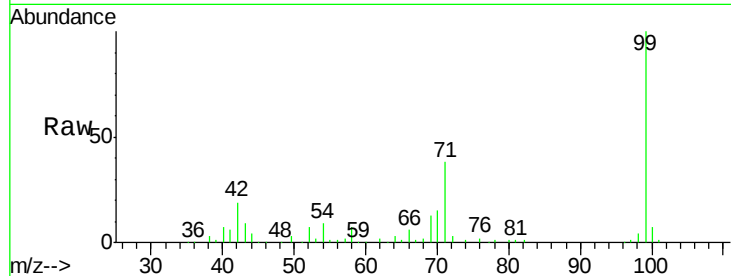
Tgt Ion: 99 Resp: 327415

Ion Ratio Lower Upper

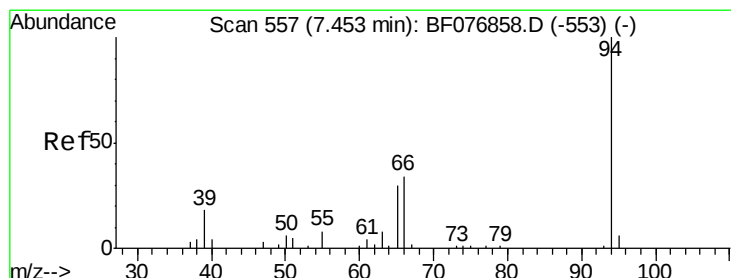
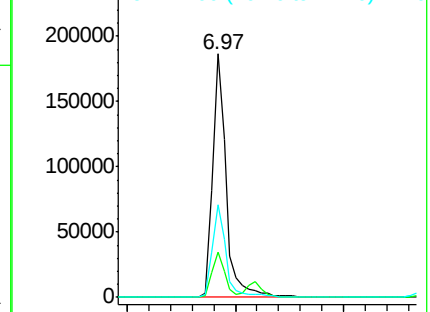
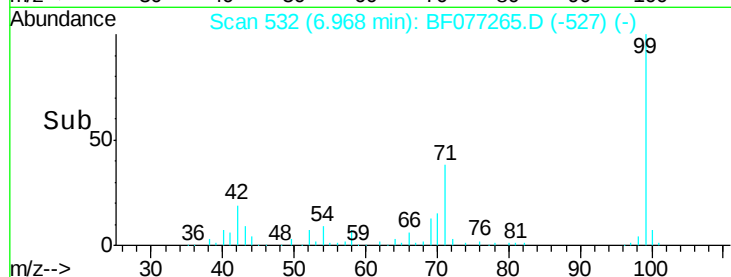
99 100

42 18.8 15.0 22.4

71 38.2 30.5 45.7



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



#10

Phenol

Concen: 3.23 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

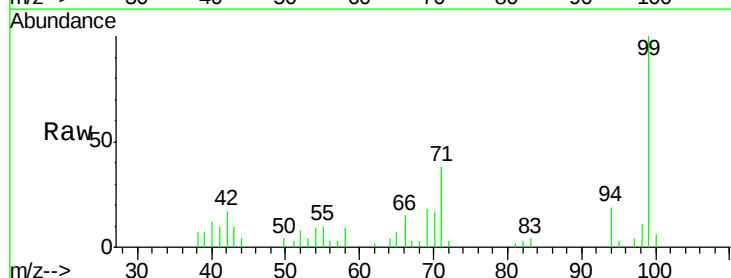
Tgt Ion: 94 Resp: 8535

Ion Ratio Lower Upper

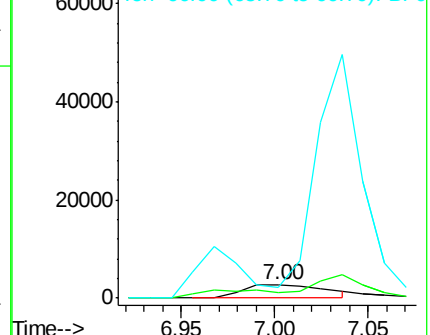
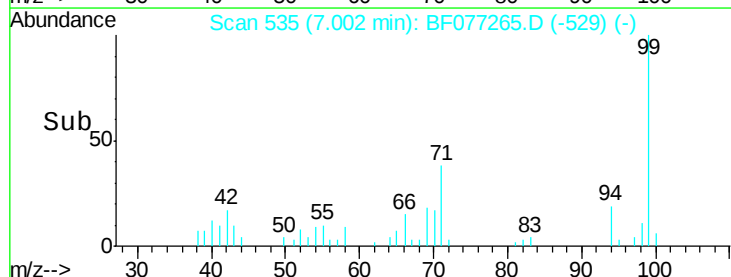
94 100

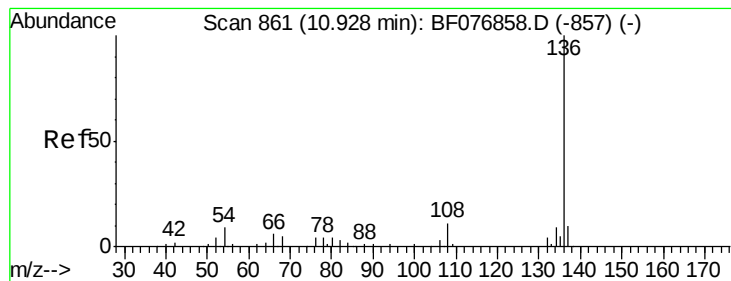
65 36.4 11.3 51.3

66 76.2 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 131594

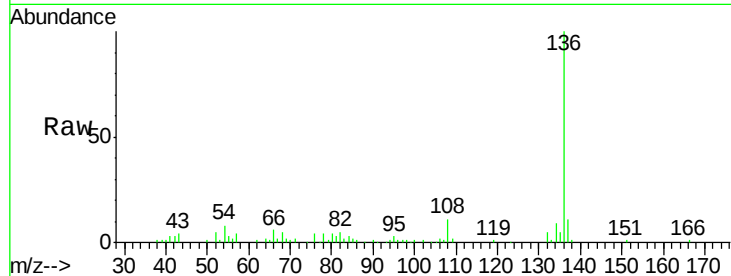
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.4 7.0 10.4

68 5.3 3.7 5.5

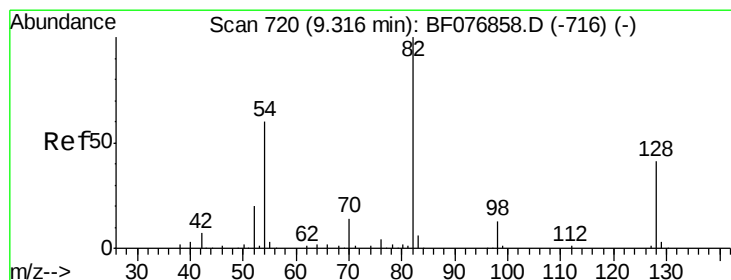
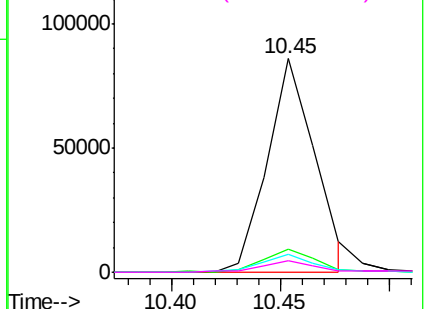
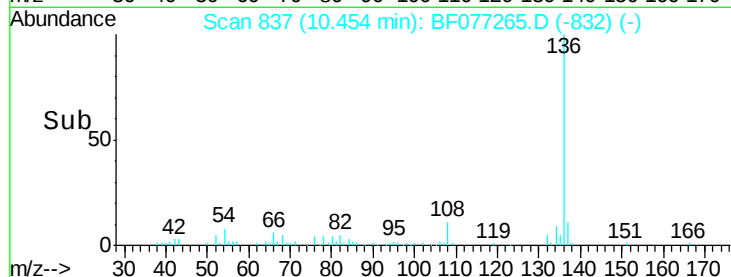


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.90 ng

RT: 8.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

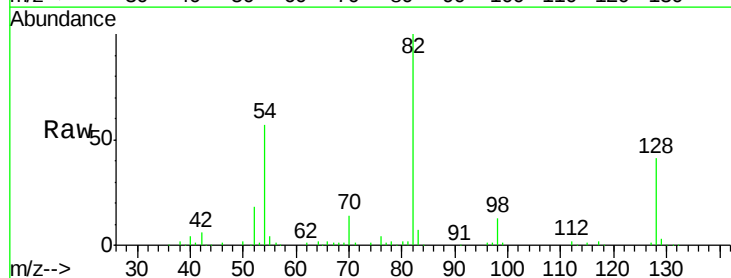
Tgt Ion: 82 Resp: 204028

Ion Ratio Lower Upper

82 100

128 41.0 33.1 49.7

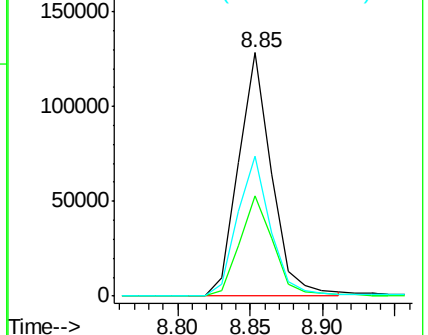
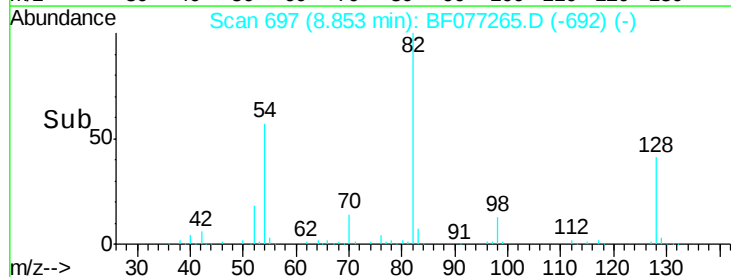
54 57.4 48.3 72.5

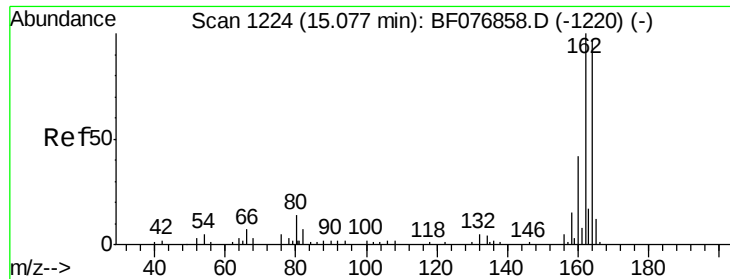


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

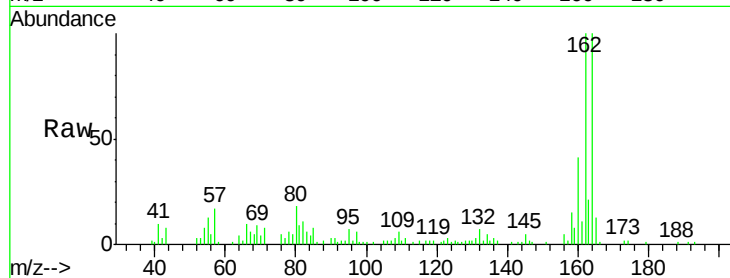




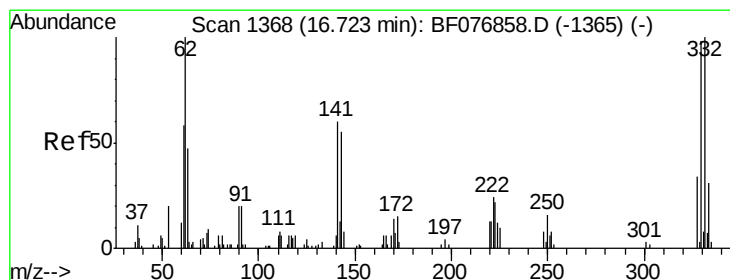
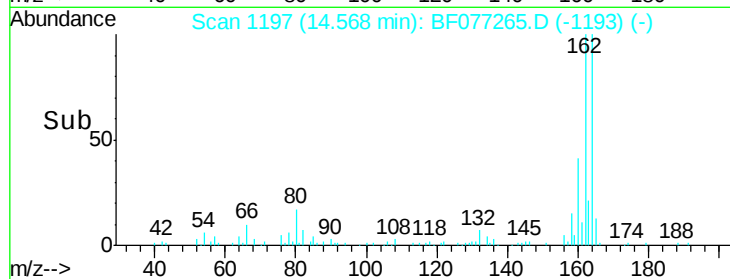
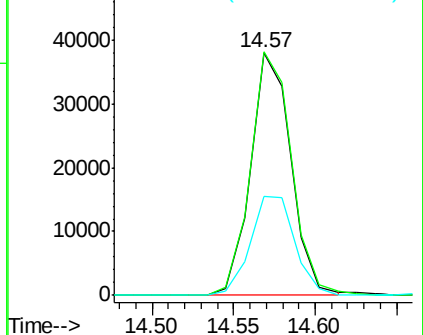
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BF077265.D
 Acq: 11 Feb 2015 21:36

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tgt Ion:164 Resp: 65118
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.4 123.6
 160 40.6 34.8 52.2

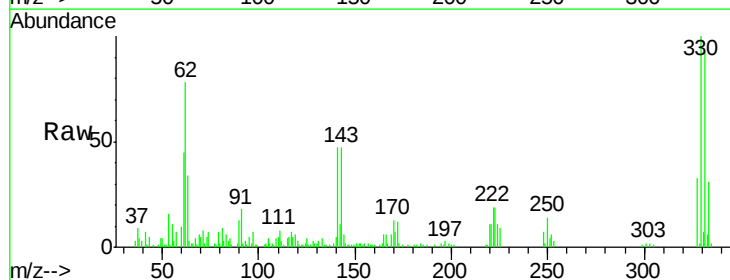


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

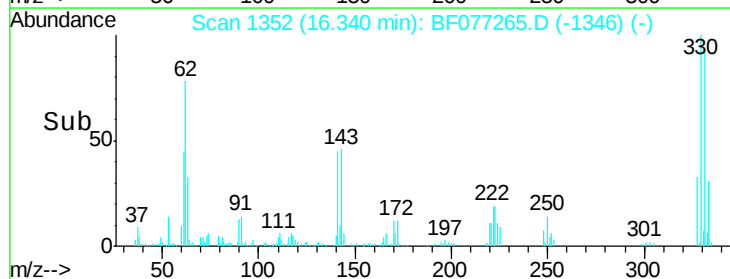
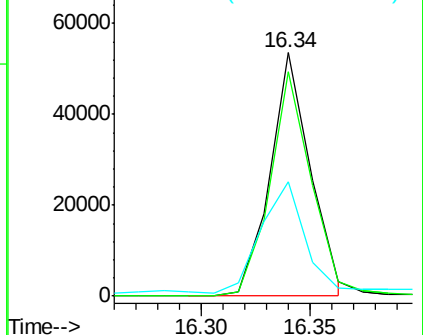


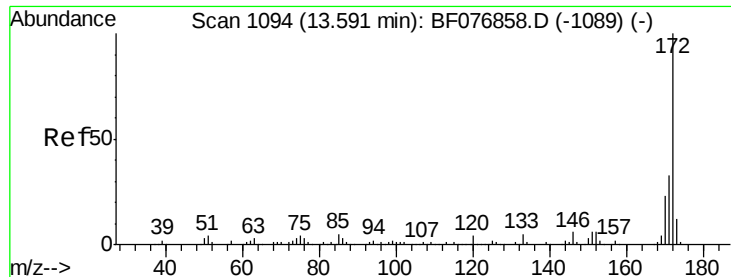
#41
 2,4,6-Tribromophenol
 Concen: 131.55 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077265.D
 Acq: 11 Feb 2015 21:36

Tgt Ion:330 Resp: 69533
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.8 116.6
 141 48.8 38.5 57.7



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

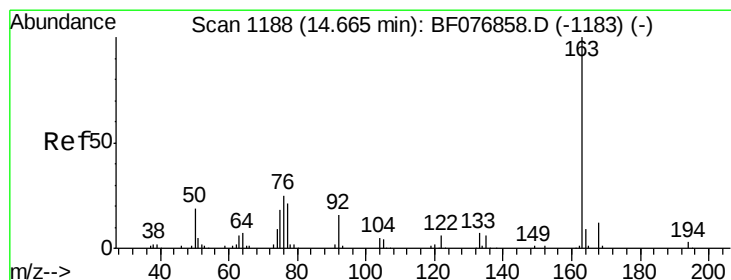
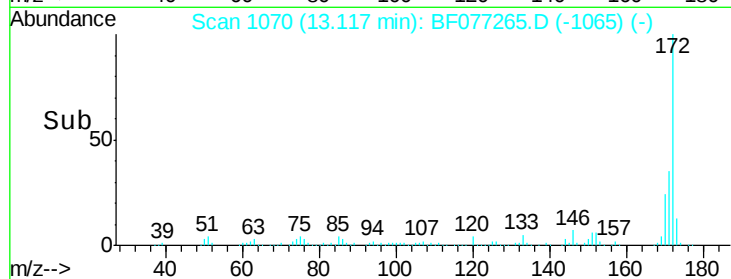
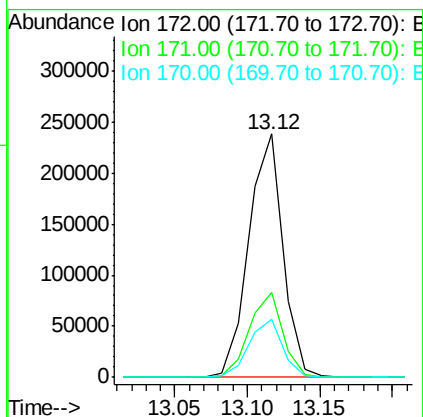
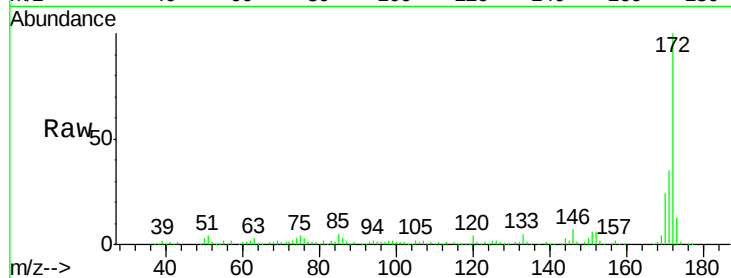




#44
2-Fluorobiphenyl
Concen: 90.79 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

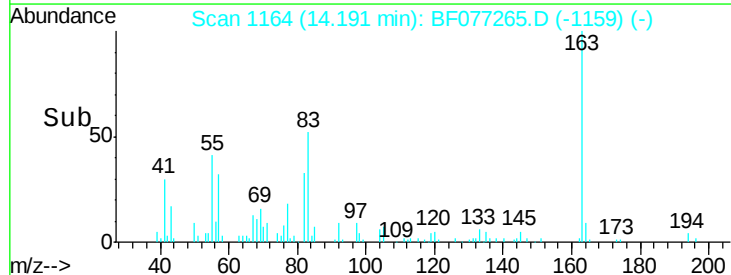
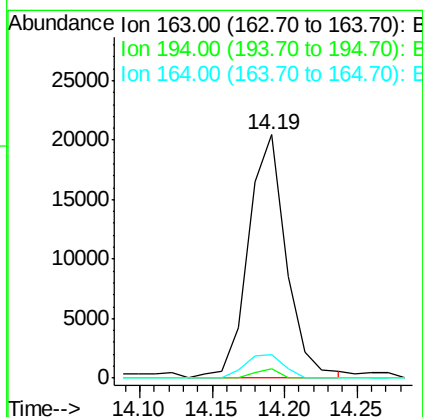
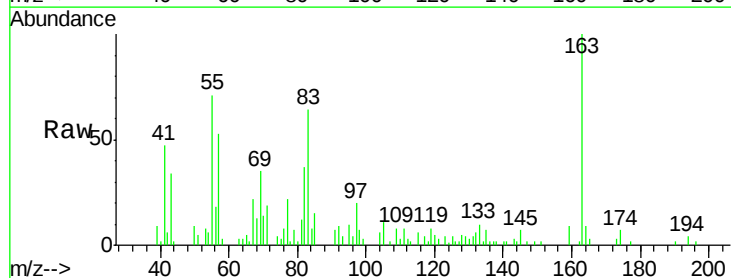
Instrument :
BNA_F
ClientSampleId :
WC-1

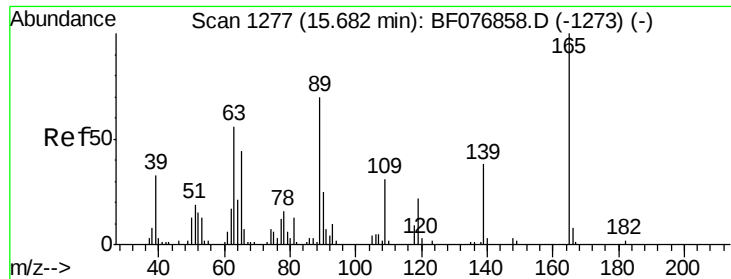
Tgt Ion:172 Resp: 388493
Ion Ratio Lower Upper
172 100
171 34.7 26.6 40.0
170 24.0 18.0 27.0



#49
Dimethylphthalate
Concen: 8.03 ng
RT: 14.19 min Scan# 1164
Delta R.T. -0.05 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

Tgt Ion:163 Resp: 37082
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.4 7.5 11.3

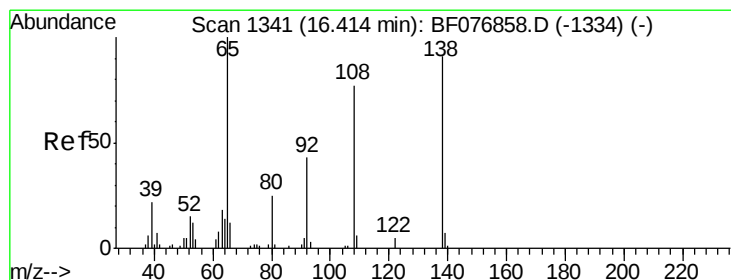
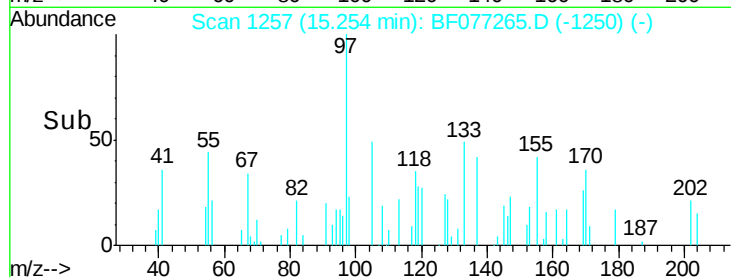
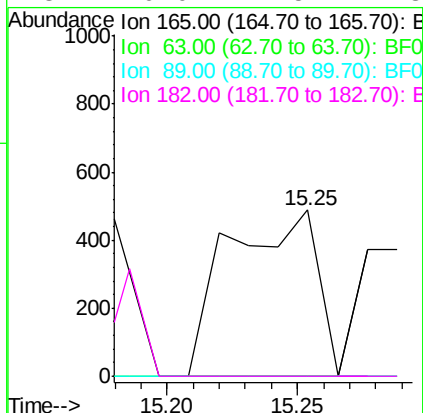
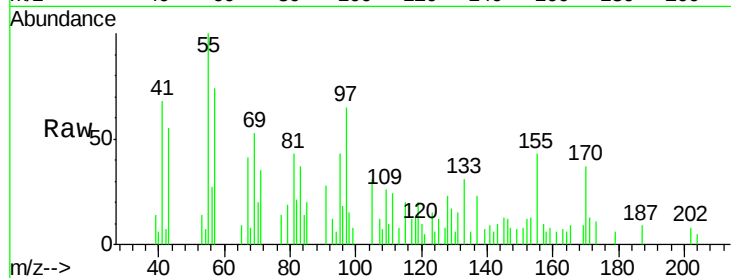




#56
2,4-Dinitrotoluene
Concen: 2.90 ng
RT: 15.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

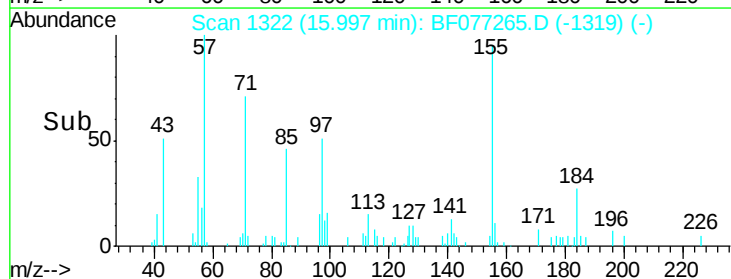
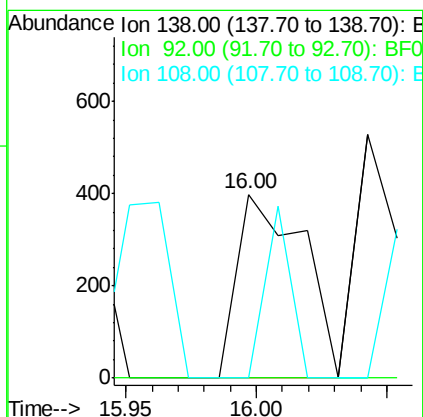
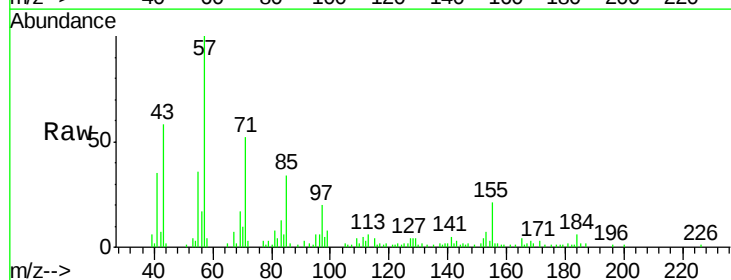
Instrument :
BNA_F
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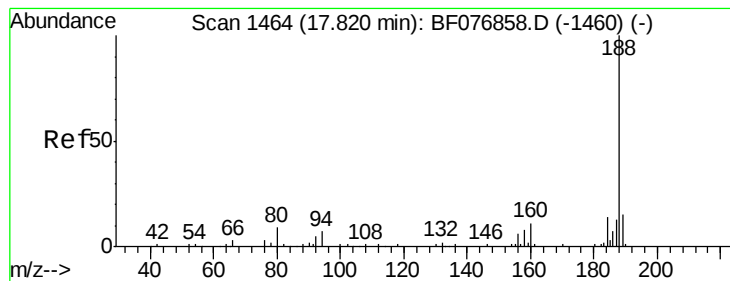
Tgt Ion:165 Resp: 1148
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 56.2 84.2#
182 0.0 1.5 2.3#



#61
4-Nitroaniline
Concen: 2.01 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.07 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

Tgt Ion:138 Resp: 704
Ion Ratio Lower Upper
138 100
92 0.0 26.7 66.7#
108 0.0 64.5 104.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

Instrument :

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ClientSampleId :

WC-1

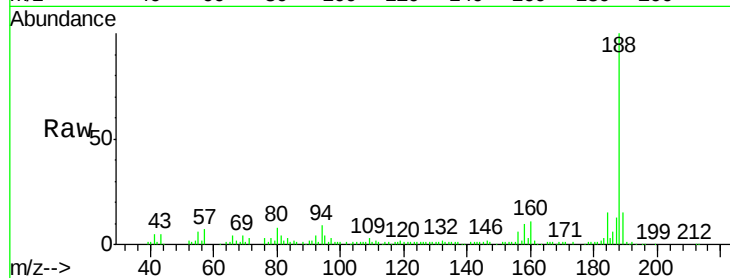
Tgt Ion:188 Resp: 108013

Ion Ratio Lower Upper

188 100

94 8.9 6.0 9.0

80 8.1 6.9 10.3



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

120000

100000

80000

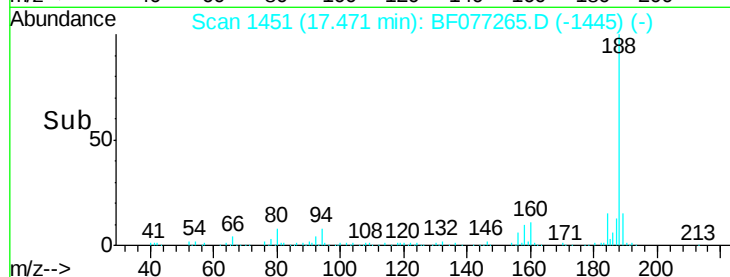
60000

40000

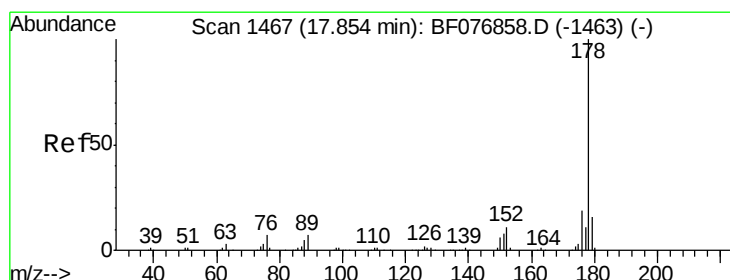
20000

0

17.40 17.45 17.50



Time-->



#70

Phenanthrene

Concen: 2.19 ng

RT: 17.51 min Scan# 1454

Delta R.T. -0.03 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

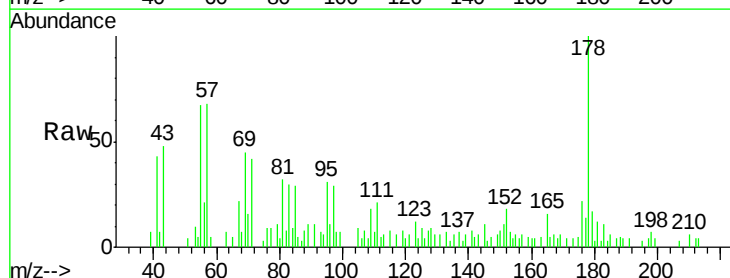
Tgt Ion:178 Resp: 14723

Ion Ratio Lower Upper

178 100

176 22.2 15.1 22.7

179 16.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

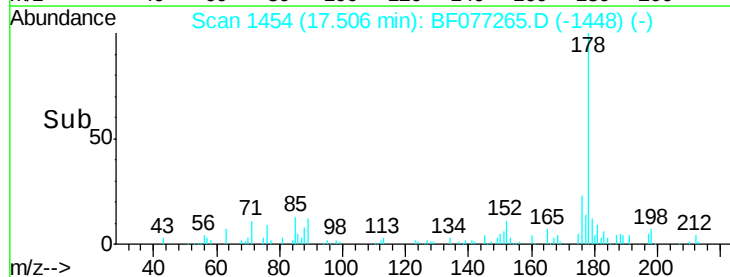
Ion 179.00 (178.70 to 179.70): E

10000

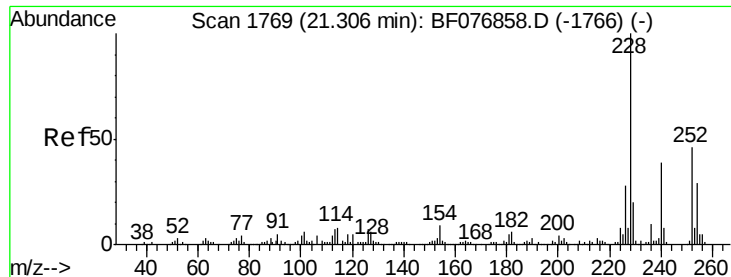
5000

0

17.40 17.50 17.60



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.98 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

Instrument :

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WC-1

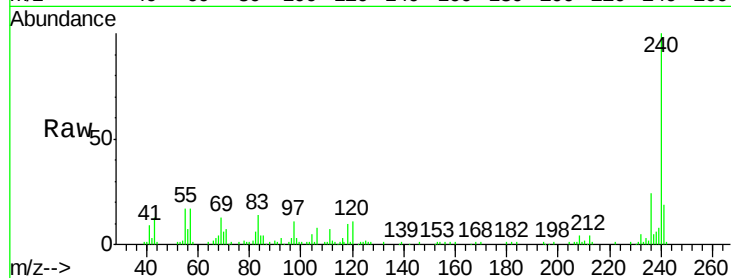
Tgt Ion:240 Resp: 100475

Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

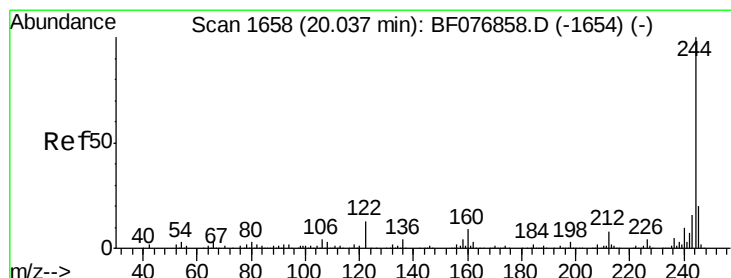
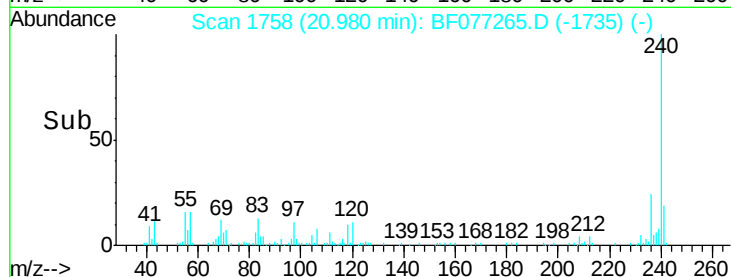
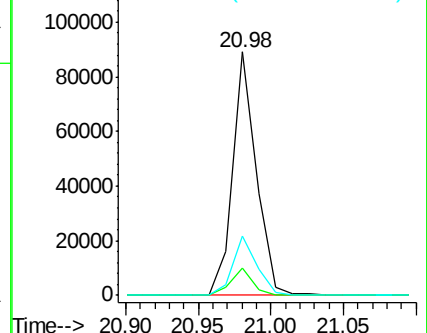
236 24.4 20.2 30.2



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: 79.60 ng

RT: 19.72 min Scan# 1648

Delta R.T. -0.03 min

Lab File: BF077265.D

Acq: 11 Feb 2015 21:36

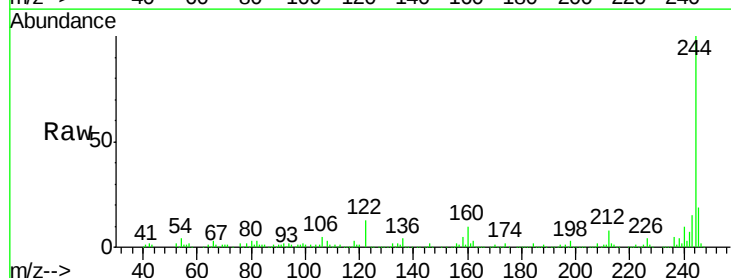
Tgt Ion:244 Resp: 347410

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

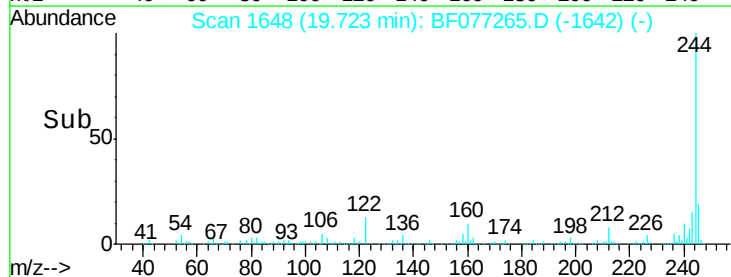
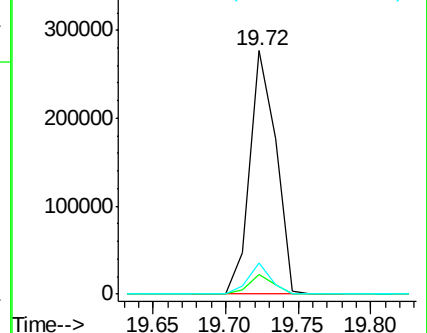
122 12.9 10.1 15.1

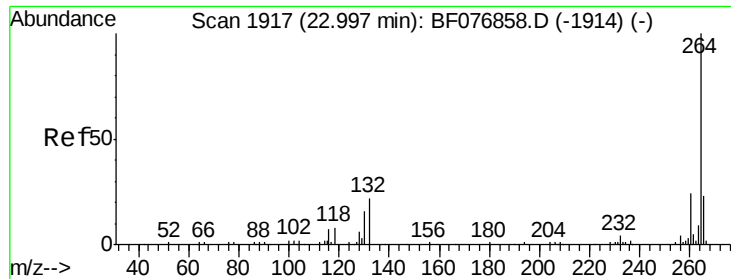


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

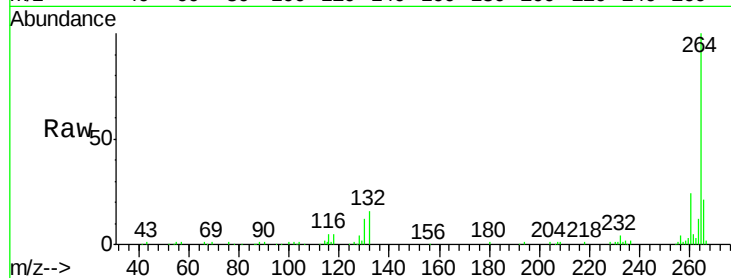




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.64 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF077265.D
Acq: 11 Feb 2015 21:36

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 264 Resp: 97905
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.3 18.1 27.1



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

