

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075730.D
 Acq On : 21 Nov 2014 2:43
 Operator : TP / JJ
 Sample : F4777-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-11-14-14

Quant Time: Nov 21 04:53:57 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

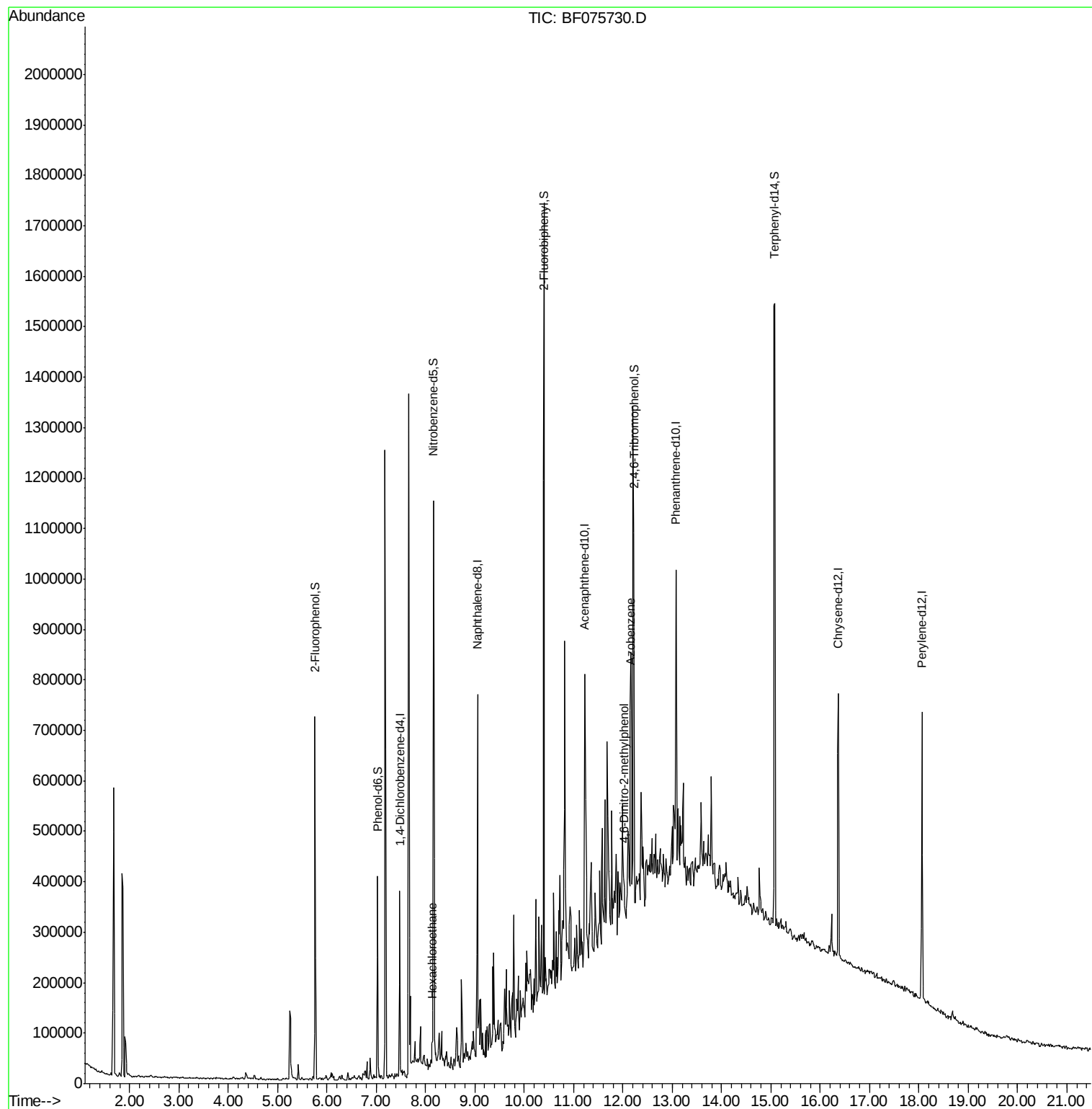
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	64525	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	281929	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	167045	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	225046	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	256554	20.00	ng	-0.02
86) Perylene-d12	18.06	264	255789	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	219310	52.80	ng	-0.02
7) Phenol-d6	7.03	99	169496	33.56	ng	-0.01
23) Nitrobenzene-d5	8.16	82	343303	74.74	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	144049	105.77	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	664097	62.24	ng	-0.01
78) Terphenyl-d14	15.08	244	627779	61.21	ng	-0.01
Target Compounds						
18) Hexachloroethane	8.13	117	8544	4.89	ng	# 20
62) Azobenzene	12.15	77	31917	2.80	ng	# 1
64) 4,6-Dinitro-2-methylphenol	12.03	198	940	4.14	ng	# 1
76) Benzidine	14.70	184	1240	Below Cal		# 1

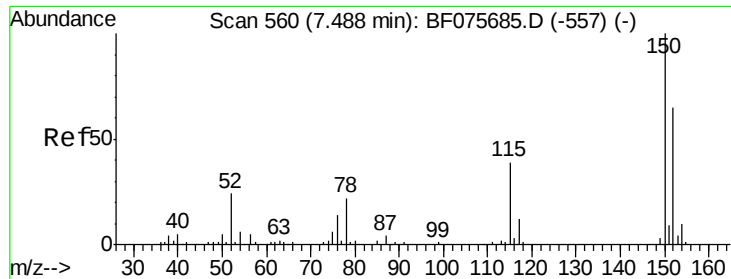
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 19 18:09:59 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

Instrument :

BNA_F

ClientSampleId :

MW-03-11-14-14

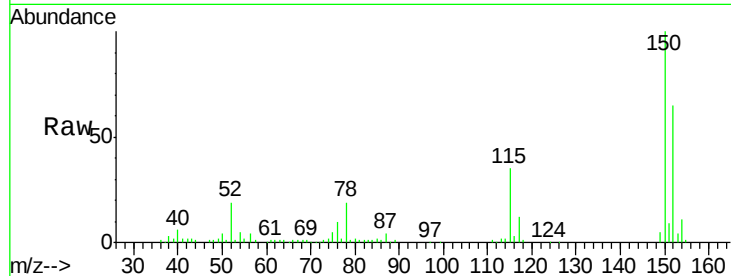
Tgt Ion:152 Resp: 64525

Ion Ratio Lower Upper

152 100

150 154.6 127.2 190.8

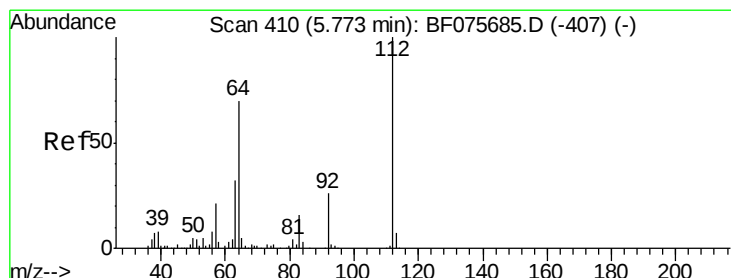
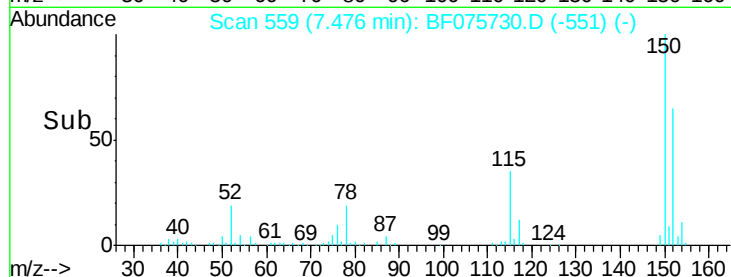
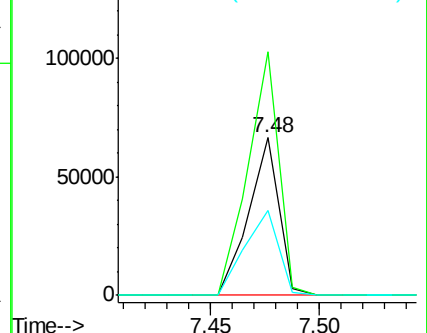
115 53.7 57.1 85.7#



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: 52.80 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

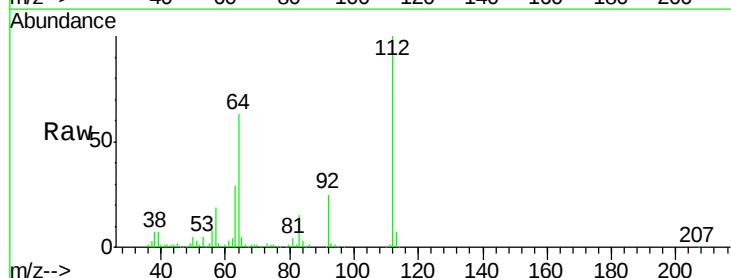
Tgt Ion:112 Resp: 219310

Ion Ratio Lower Upper

112 100

64 63.2 45.8 68.6

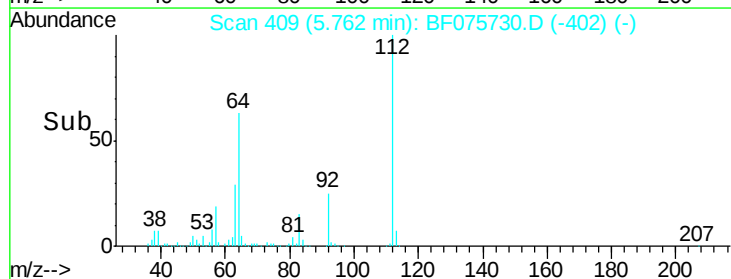
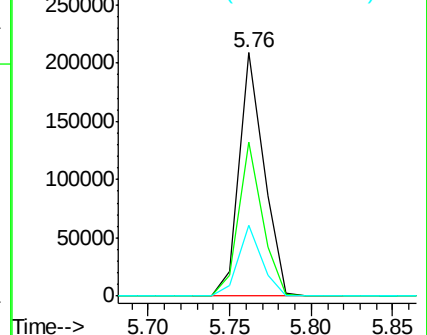
63 28.8 22.7 34.1

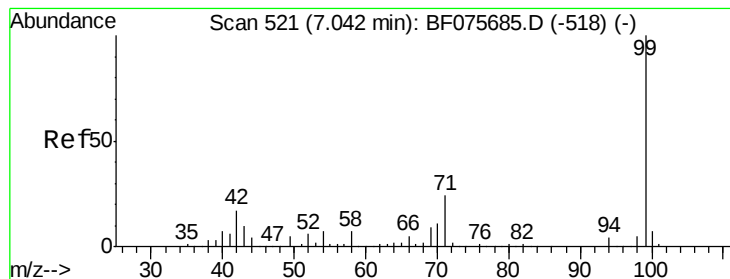


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.56 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

Instrument :

BNA_F

ClientSampleId :

MW-03-11-14-14

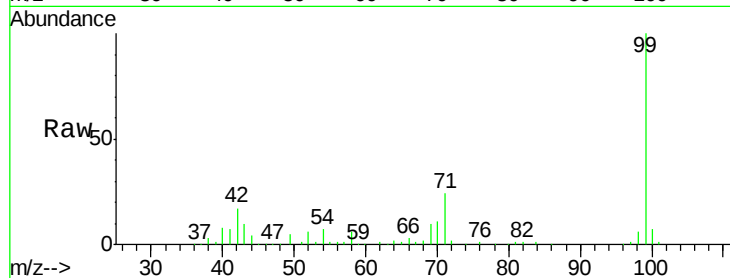
Tgt Ion: 99 Resp: 169496

Ion Ratio Lower Upper

99 100

42 16.6 19.8 29.6#

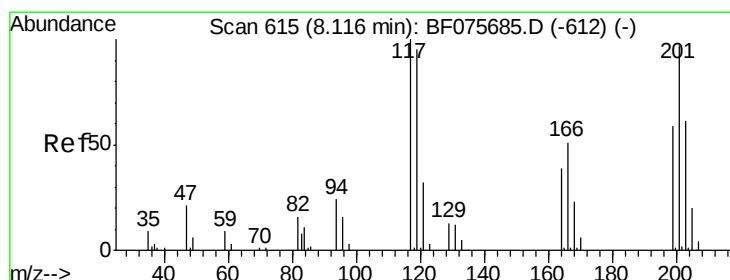
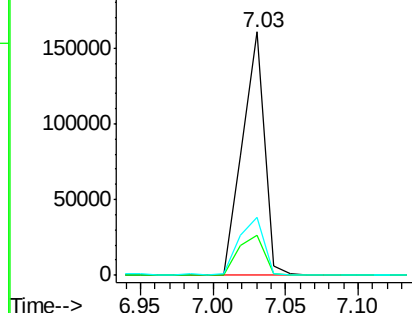
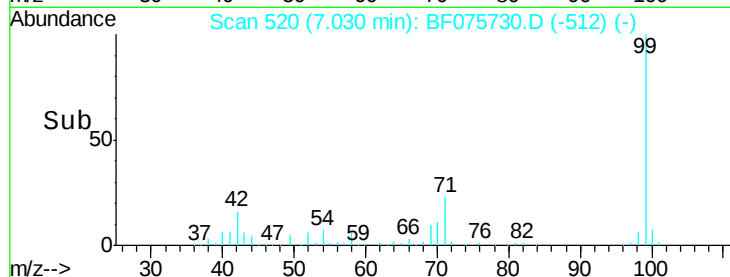
71 23.7 25.5 38.3#



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



#18

Hexachloroethane

Concen: 4.89 ng

RT: 8.13 min Scan# 616

Delta R.T. 0.01 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

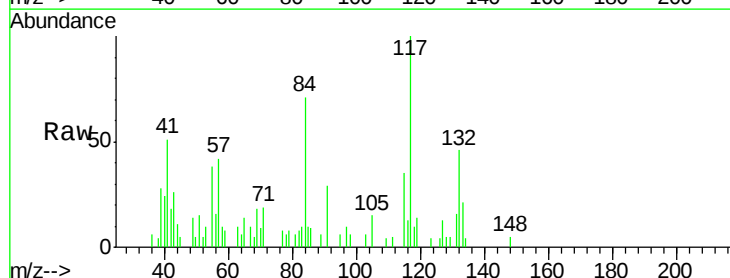
Tgt Ion: 117 Resp: 8544

Ion Ratio Lower Upper

117 100

119 14.4 72.9 109.3#

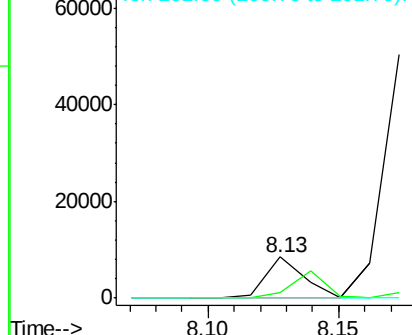
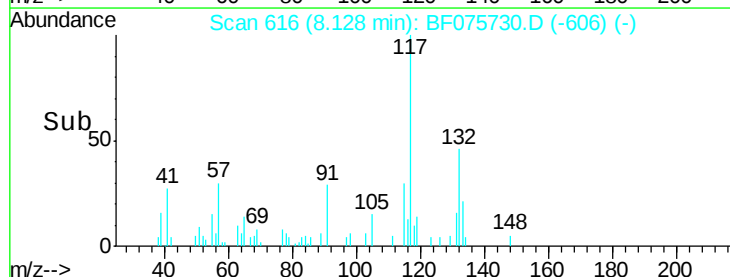
201 0.0 48.2 72.4#

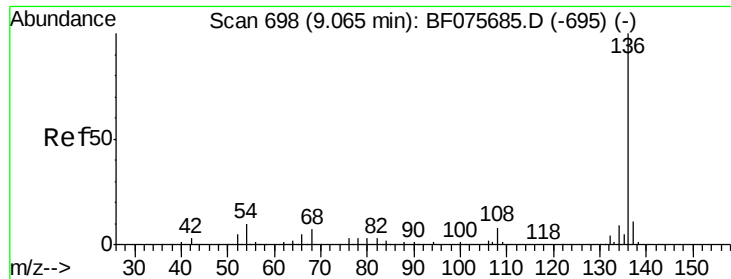


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

Instrument :

BNA_F

ClientSampleId :

MW-03-11-14-14

Tgt Ion:136 Resp: 281929

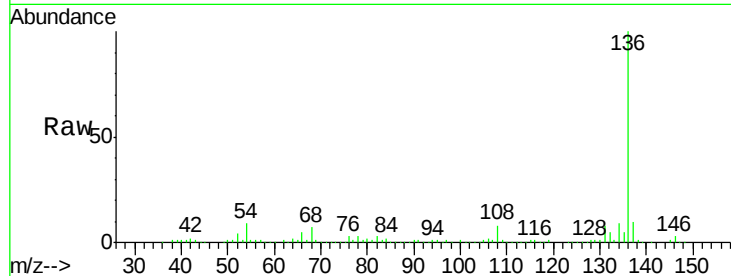
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 9.1 6.2 9.4

68 6.6 3.4 5.2#

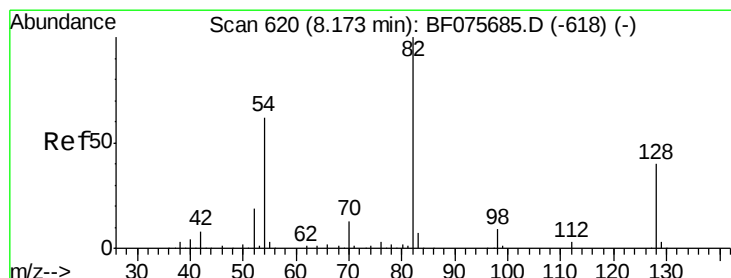
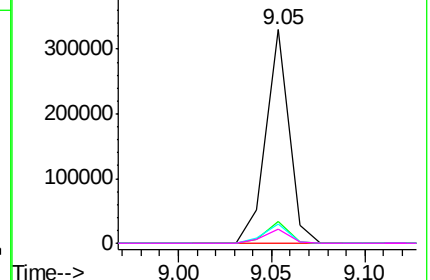
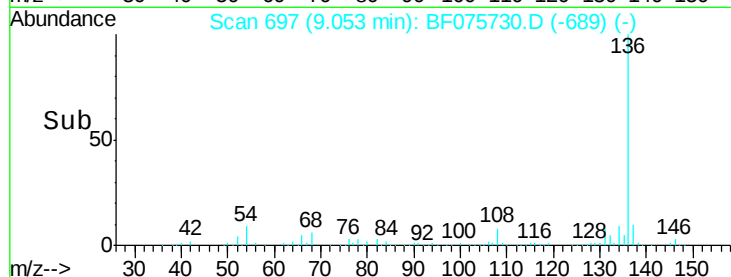


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.74 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

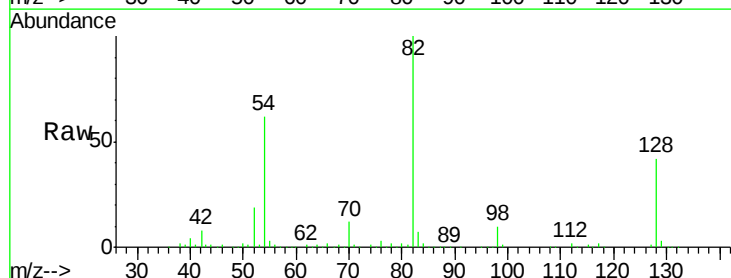
Tgt Ion: 82 Resp: 343303

Ion Ratio Lower Upper

82 100

128 42.5 37.8 56.6

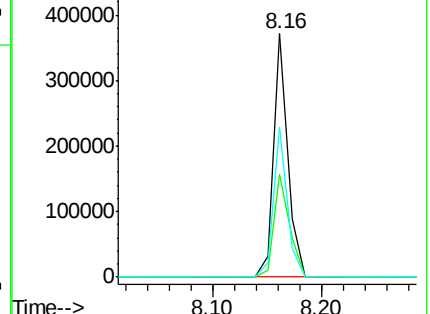
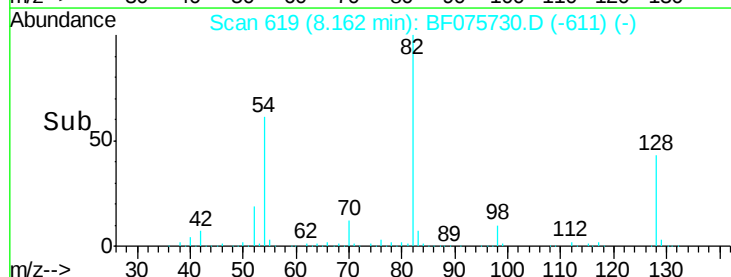
54 61.6 49.8 74.8

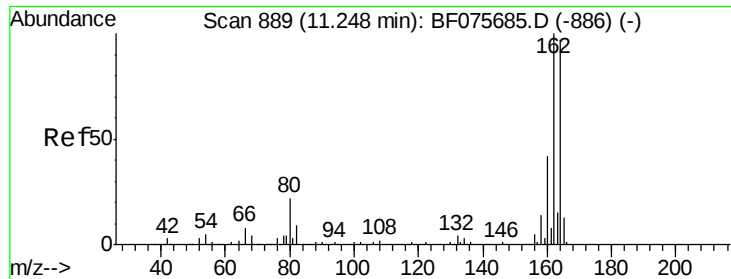


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 11.23 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

Instrument :

BNA_F

ClientSampleId :

MW-03-11-14-14

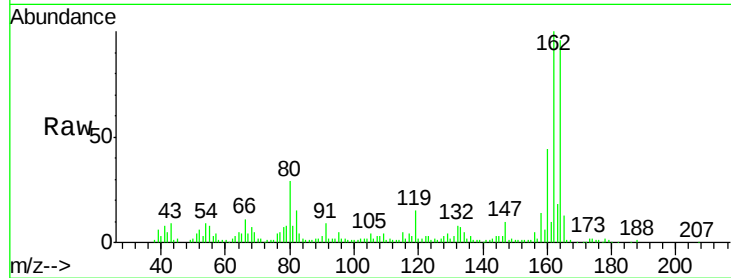
Tgt Ion:164 Resp: 167045

Ion Ratio Lower Upper

164 100

162 104.1 79.1 118.7

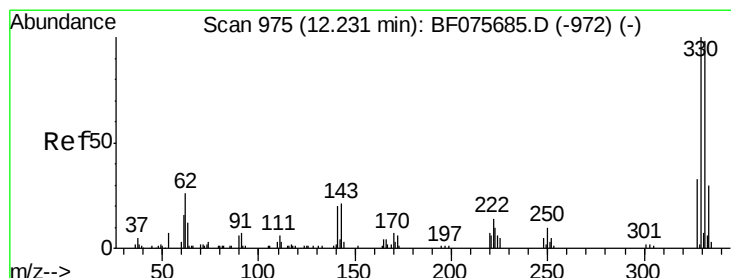
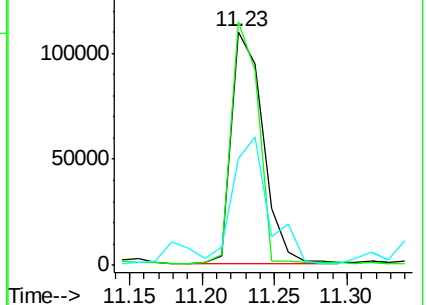
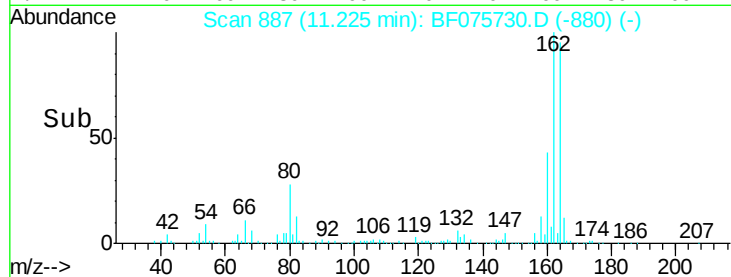
160 45.4 34.6 51.8



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: 105.77 ng

RT: 12.22 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

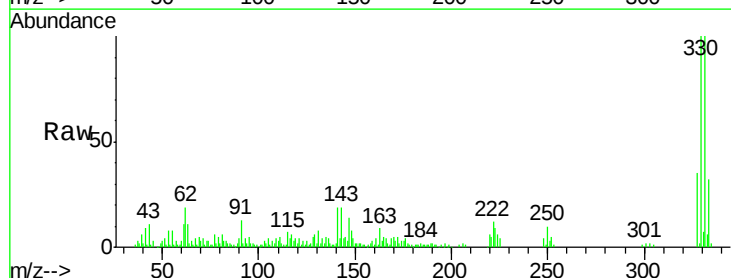
Tgt Ion:330 Resp: 144049

Ion Ratio Lower Upper

330 100

332 98.0 74.5 111.7

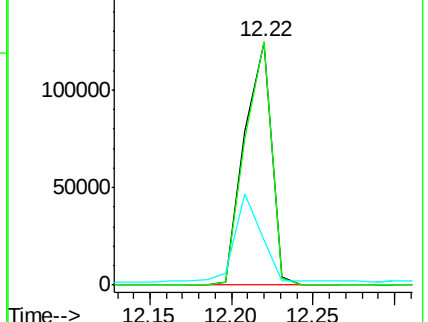
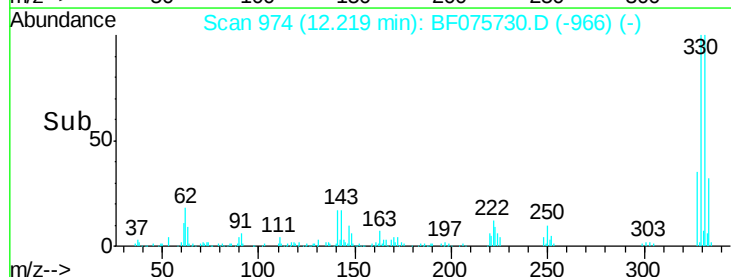
141 36.8 30.7 46.1

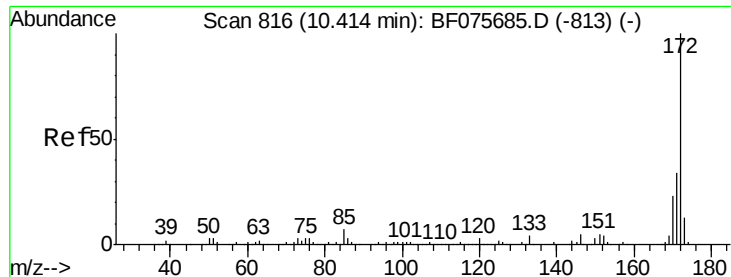


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

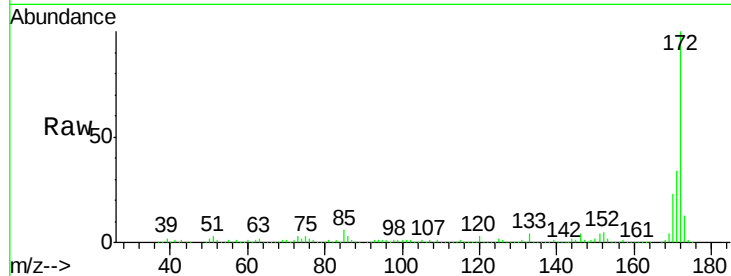




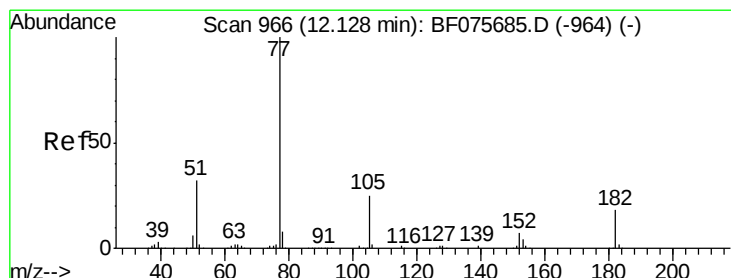
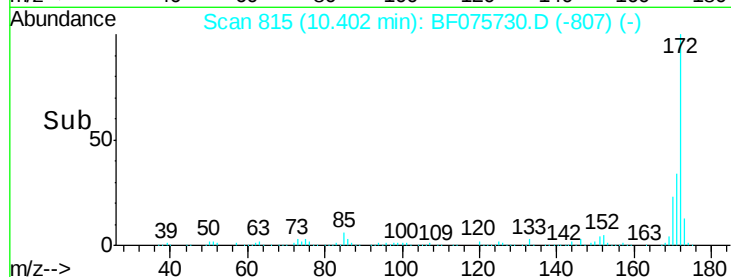
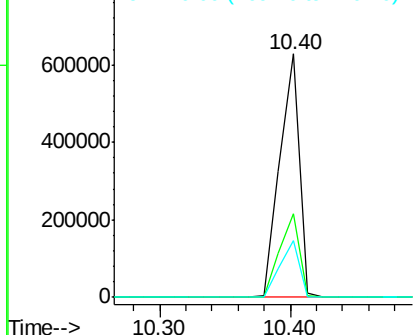
#44
 2-Fluorobiphenyl
 Concen: 62.24 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075730.D
 Acq: 21 Nov 2014 2:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-11-14-14

Tgt Ion: 172 Resp: 664097
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.3 40.9
 170 23.4 18.4 27.6

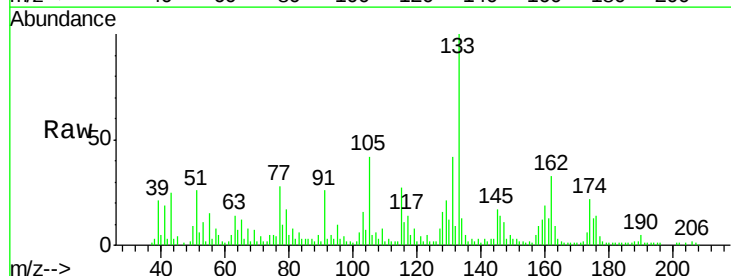


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

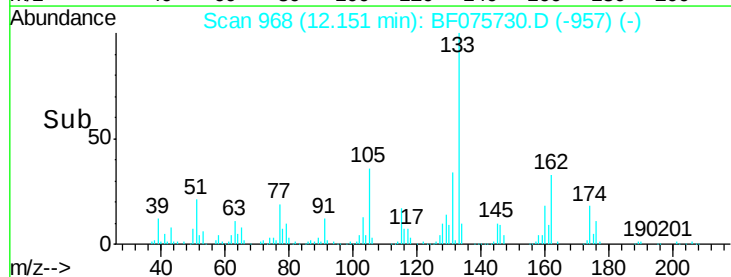
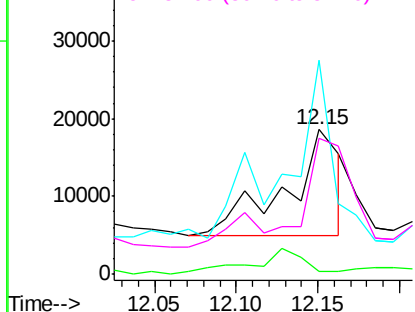


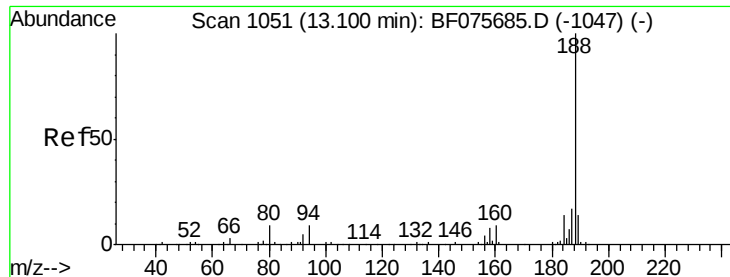
#62
 Azobenzene
 Concen: 2.80 ng
 RT: 12.15 min Scan# 968
 Delta R.T. 0.02 min
 Lab File: BF075730.D
 Acq: 21 Nov 2014 2:43

Tgt Ion: 77 Resp: 31917
 Ion Ratio Lower Upper
 77 100
 182 1.8 0.0 37.1
 105 147.9 3.7 43.7#
 51 94.4 18.7 58.7#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF0

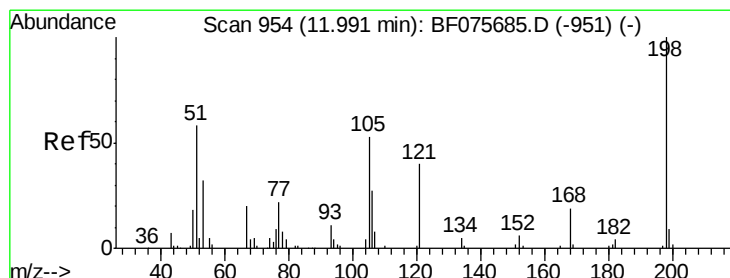
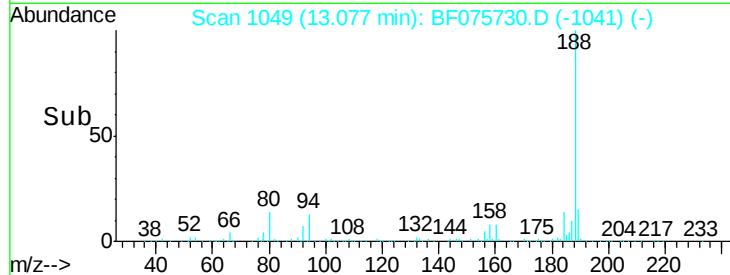
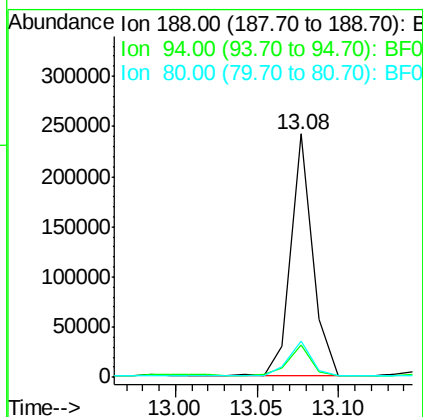
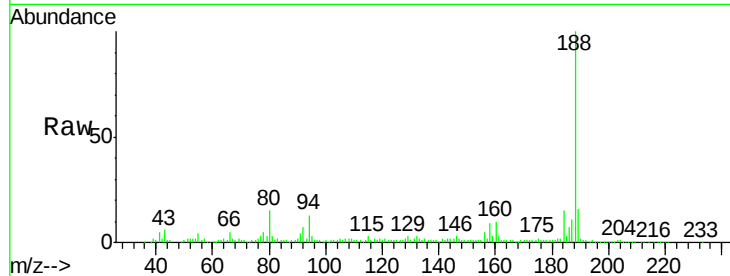




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075730.D
Acq: 21 Nov 2014 2:43

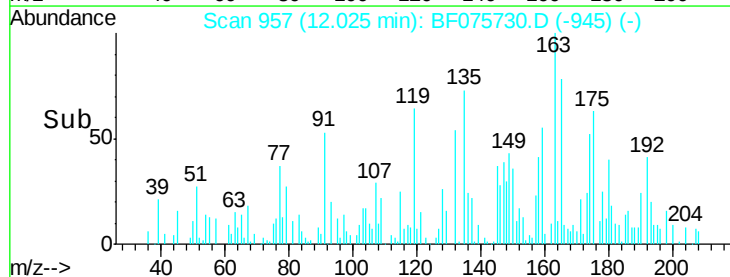
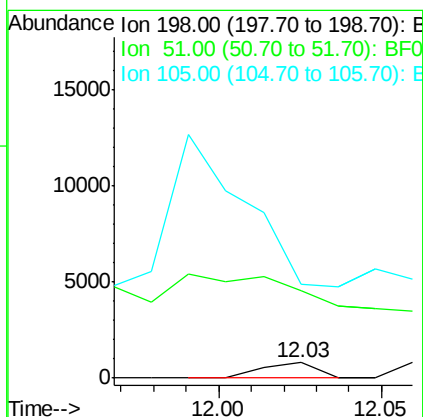
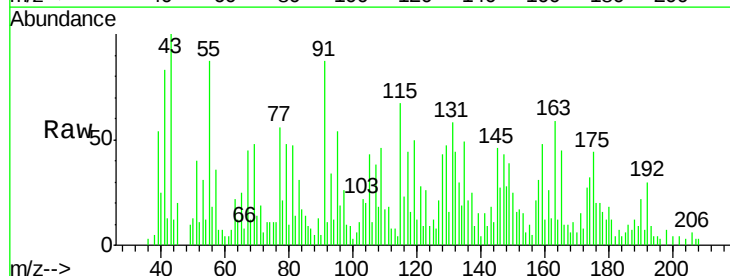
Instrument :
BNA_F
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MW-03-11-14-14

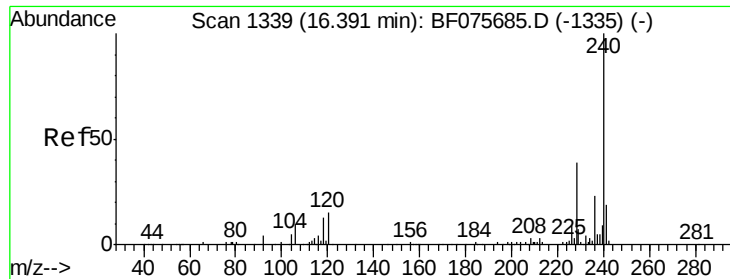
Tgt Ion:188 Resp: 225046
Ion Ratio Lower Upper
188 100
94 13.4 7.8 11.6#
80 14.8 8.0 12.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.14 ng
RT: 12.03 min Scan# 957
Delta R.T. 0.04 min
Lab File: BF075730.D
Acq: 21 Nov 2014 2:43

Tgt Ion:198 Resp: 940
Ion Ratio Lower Upper
198 100
51 567.5 26.0 66.0#
105 606.4 24.2 64.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

Instrument :

BNA_F

ClientSampleId :

MW-03-11-14-14

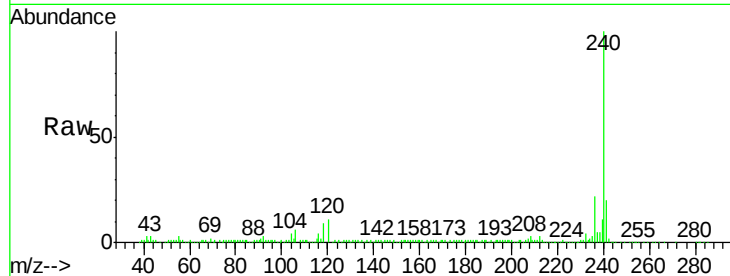
Tgt Ion:240 Resp: 256554

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

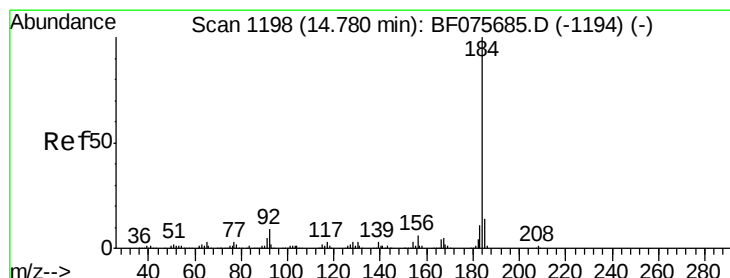
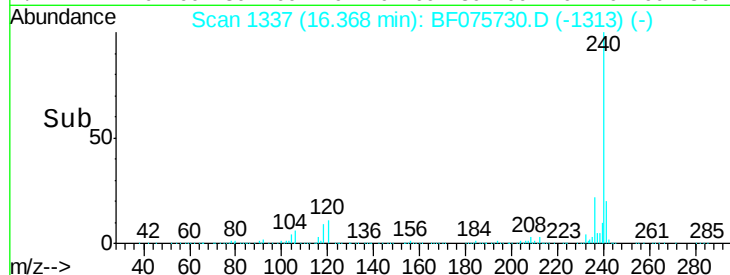
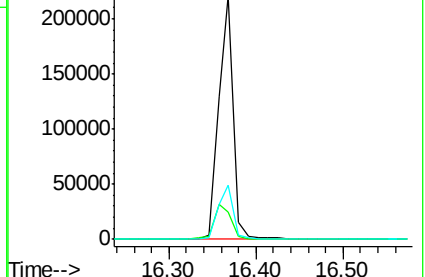
236 22.4 18.9 28.3



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



#76

Benzidine

Concen: Below Cal

RT: 14.70 min Scan# 1191

Delta R.T. -0.08 min

Lab File: BF075730.D

Acq: 21 Nov 2014 2:43

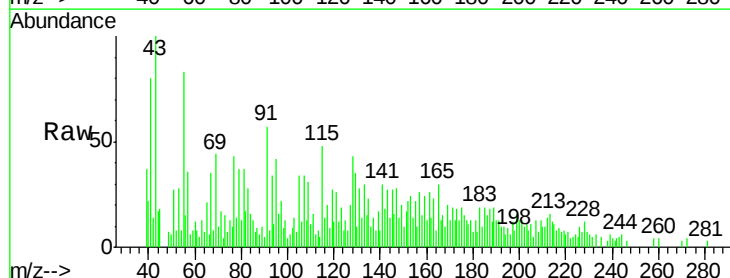
Tgt Ion:184 Resp: 1240

Ion Ratio Lower Upper

184 100

185 199.2 10.9 16.3#

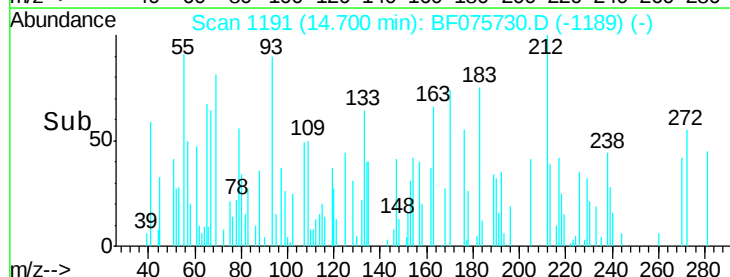
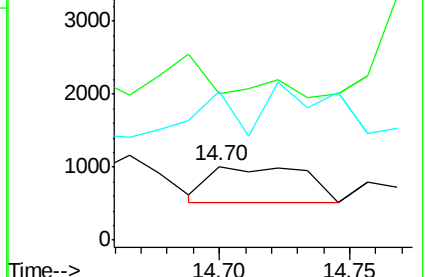
183 201.9 8.7 13.1#

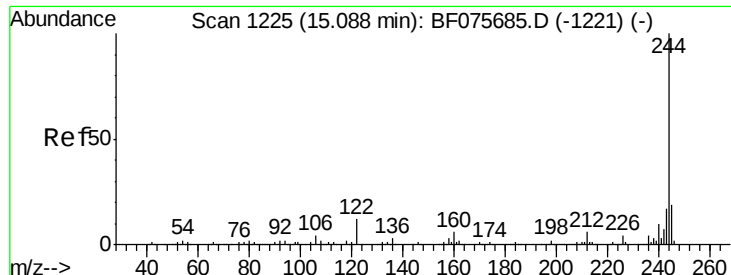


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

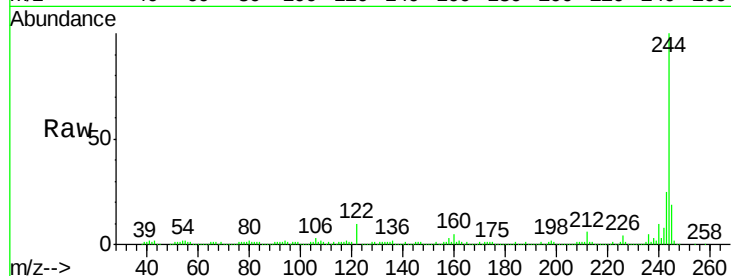




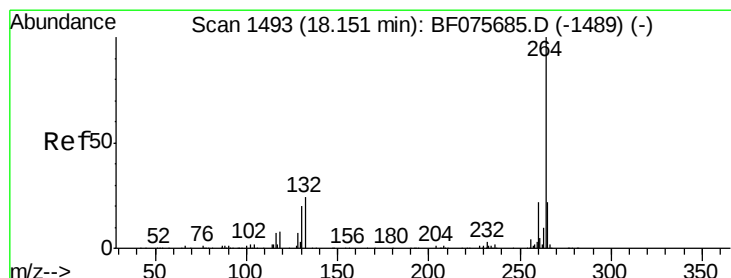
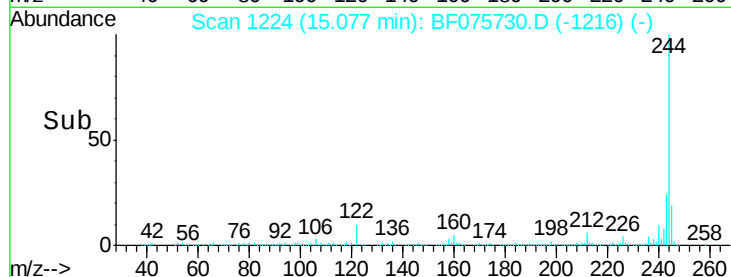
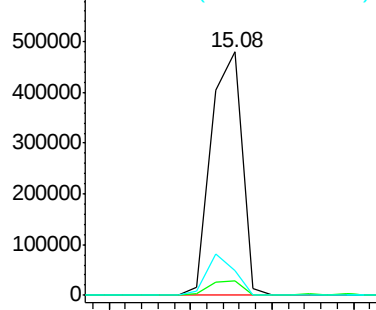
#78
 Terphenyl-d14
 Concen: 61.21 ng
 RT: 15.08 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF075730.D
 Acq: 21 Nov 2014 2:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-11-14-14

Tgt Ion:244 Resp: 627779
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.5 8.3
 122 10.1 9.7 14.5

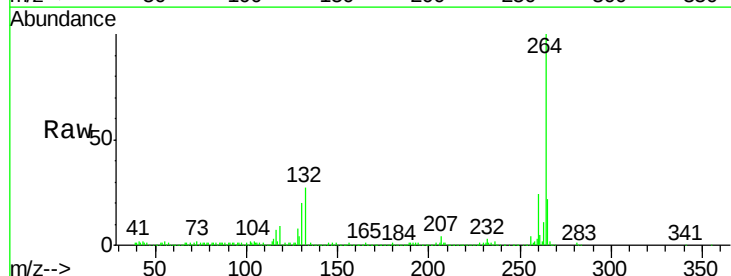


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.06 min Scan# 1485
 Delta R.T. -0.10 min
 Lab File: BF075730.D
 Acq: 21 Nov 2014 2:43

Tgt Ion:264 Resp: 255789
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.9 26.9
 265 22.1 16.3 24.5



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

