

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081737.D
 Acq On : 22 Sep 2015 6:52
 Operator : UM/IZ
 Sample : G3748-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP-202-30-32

Quant Time: Sep 22 07:44:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 04:14:20 2015
 Response via : Initial Calibration

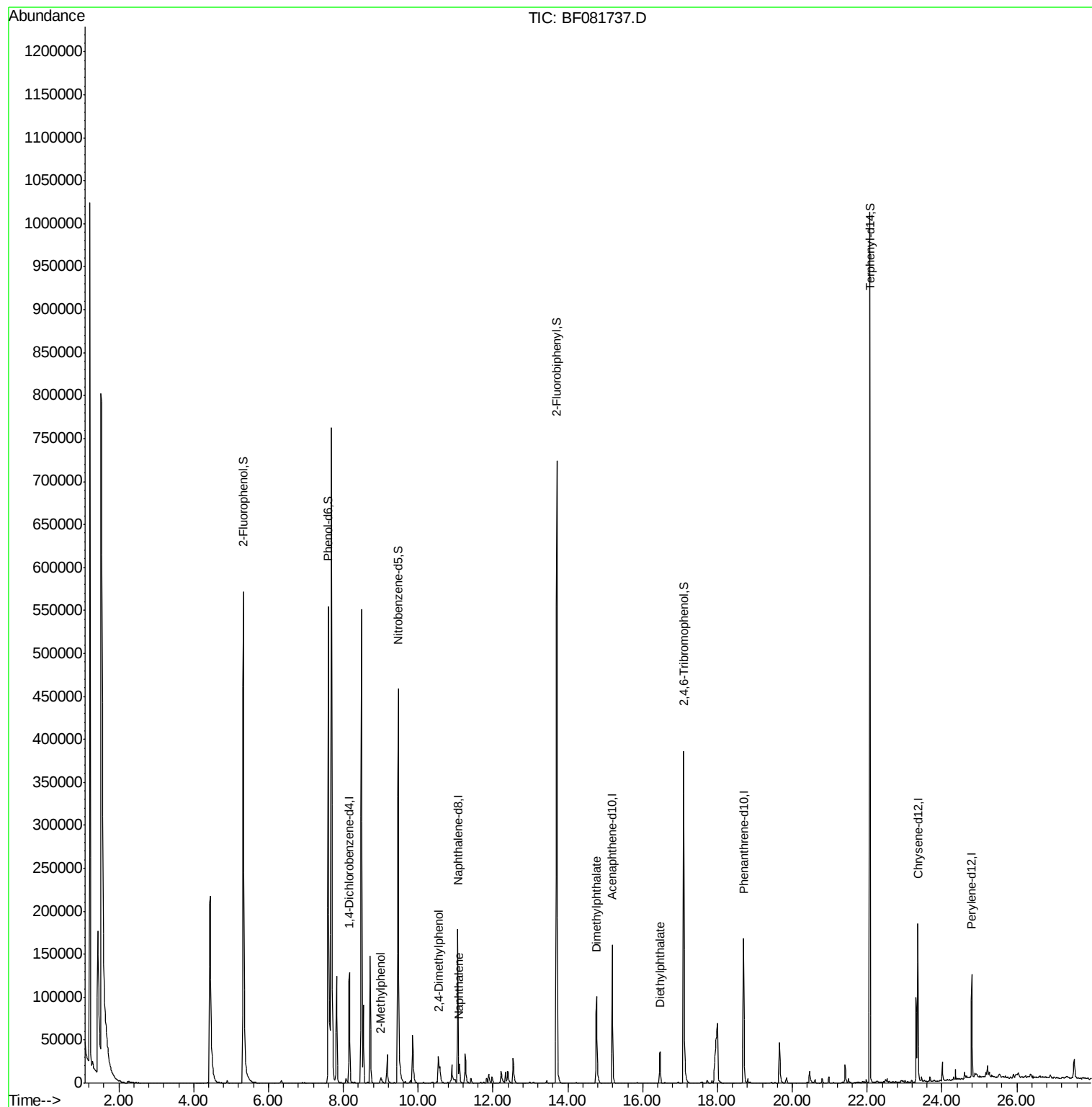
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34611	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	136477	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	64373	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	133844	20.00	ng	0.00
75) Chrysene-d12	23.35	240	97121	20.00	ng	0.00
86) Perylene-d12	24.79	264	72991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	284998	127.76	ng	0.02
7) Phenol-d6	7.60	99	401150	135.85	ng	0.00
23) Nitrobenzene-d5	9.46	82	260802	92.20	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	80109	139.76	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	417570	83.13	ng	-0.01
78) Terphenyl-d14	22.07	244	391892	93.93	ng	0.00
Target Compounds						
17) 2-Methylphenol	9.00	107	4544	2.32	ng	# 77
27) 2,4-Dimethylphenol	10.54	122	20715	9.37	ng	# 70
31) Naphthalene	11.10	128	20379	2.80	ng	97
49) Dimethylphthalate	14.77	163	88763	17.75	ng	# 97
59) Diethylphthalate	16.47	149	29168	5.54	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF081737.D

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Instrument :

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ClientSampleId :

MGP-202-30-32

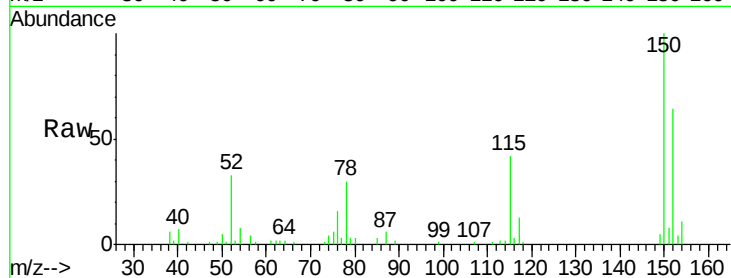
Tot Ion:152 Resp: 34611

Ion Ratio Lower Upper

152 100

150 157.1 124.7 187.1

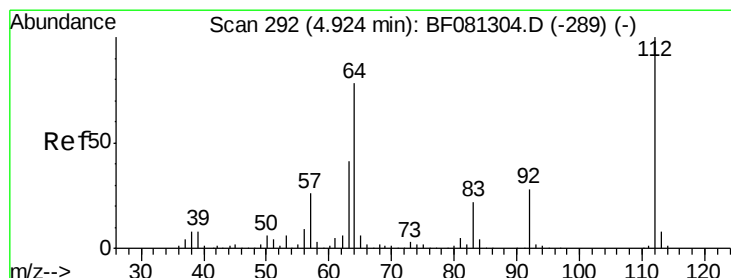
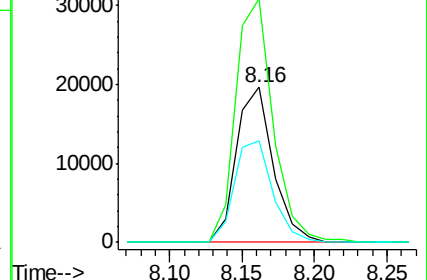
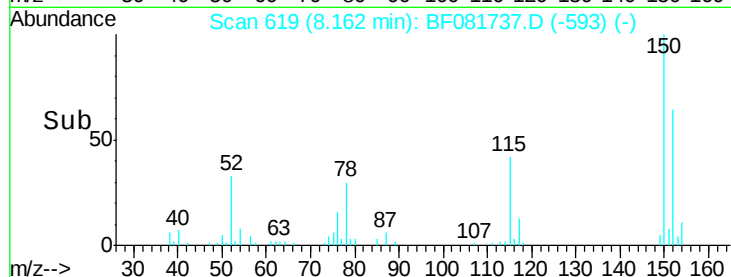
115 65.6 39.0 58.4#



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: 127.76 ng

RT: 5.33 min Scan# 371

Delta R.T. 0.02 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

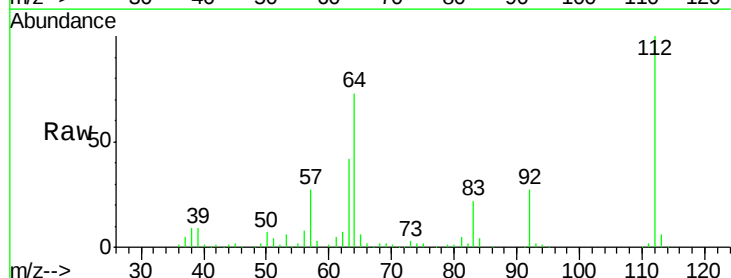
Tgt Ion:112 Resp: 284998

Ion Ratio Lower Upper

112 100

64 72.8 39.7 59.5#

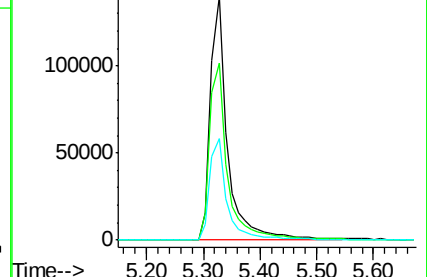
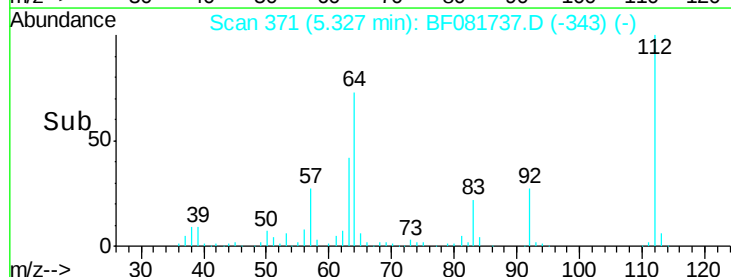
63 42.0 17.4 26.0#



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: 135.85 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

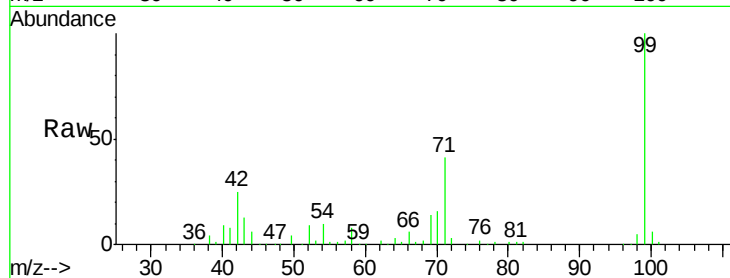
Tot Ion: 99 Resp: 401150

Ion Ratio Lower Upper

99 100

42 24.8 13.7 20.5#

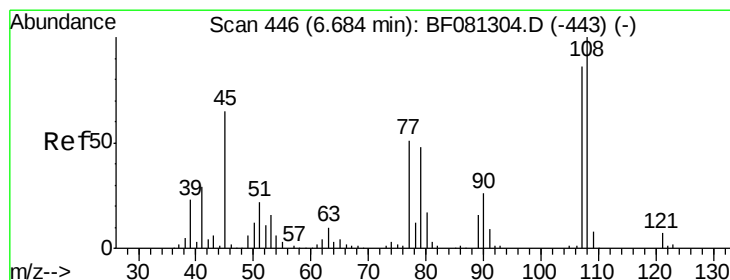
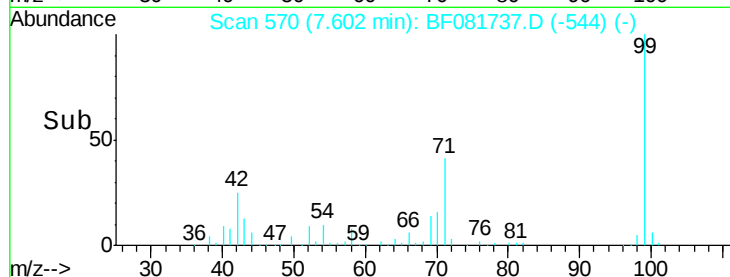
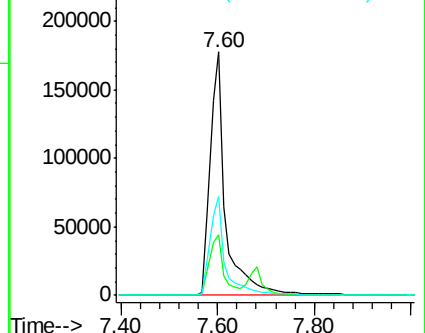
71 40.6 14.2 21.2#



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



#17

2-Methylphenol

Concen: 2.32 ng

RT: 9.00 min Scan# 692

Delta R.T. 0.03 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Tgt Ion:107 Resp: 4544

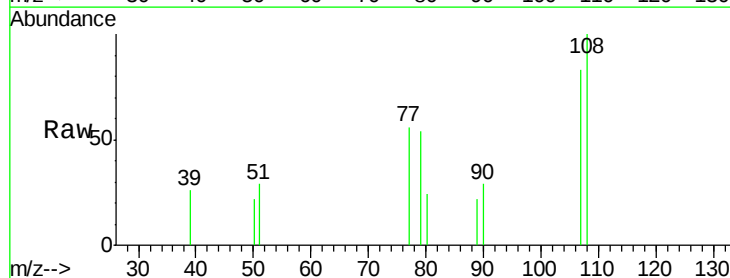
Ion Ratio Lower Upper

107 100

108 120.8 96.6 145.0

77 67.7 23.3 34.9#

79 65.3 22.0 33.0#

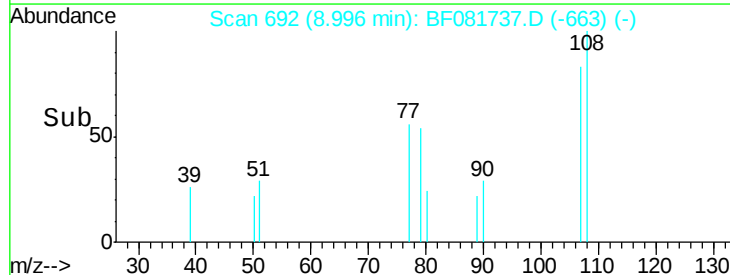
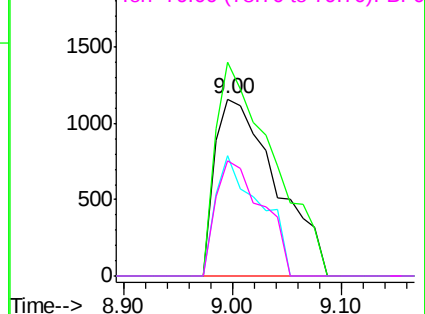


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

Tot Ion:136 Resp: 136477

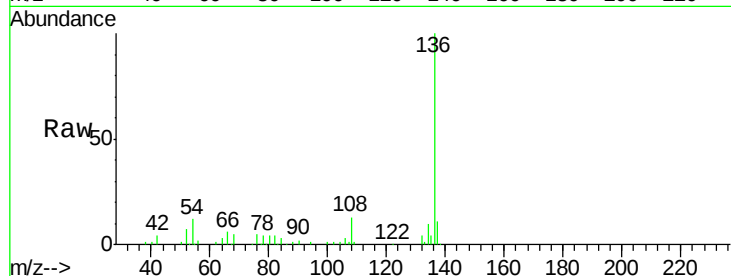
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.5 8.2 12.2#

68 5.1 5.8 8.6#

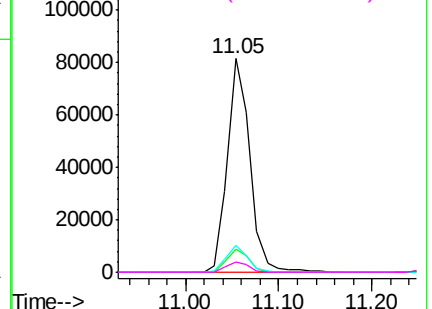
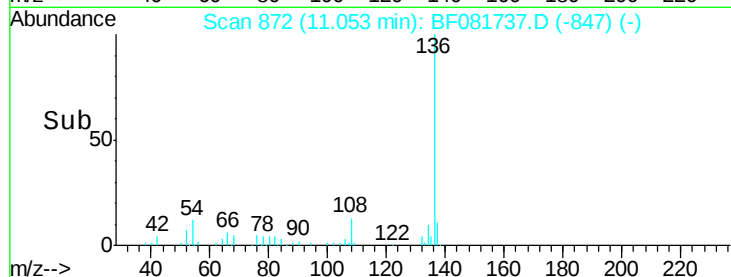


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.20 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

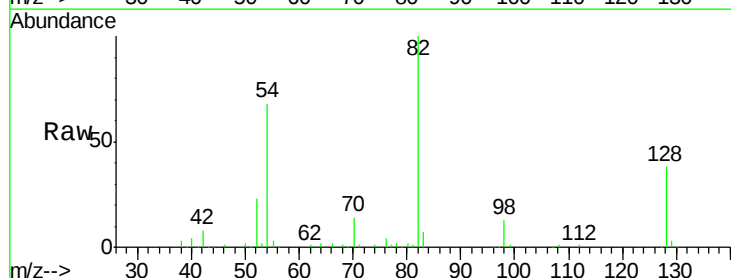
Tgt Ion: 82 Resp: 260802

Ion Ratio Lower Upper

82 100

128 37.9 51.0 76.6#

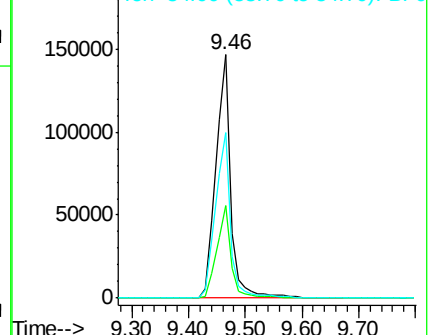
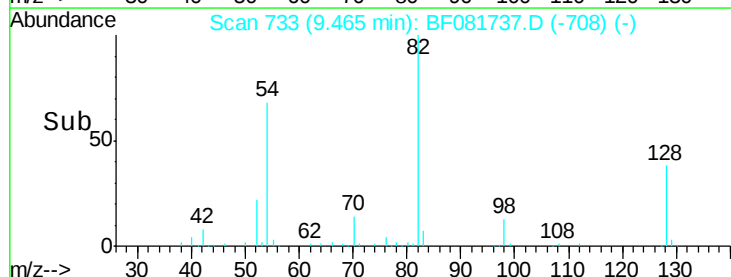
54 67.8 47.5 71.3

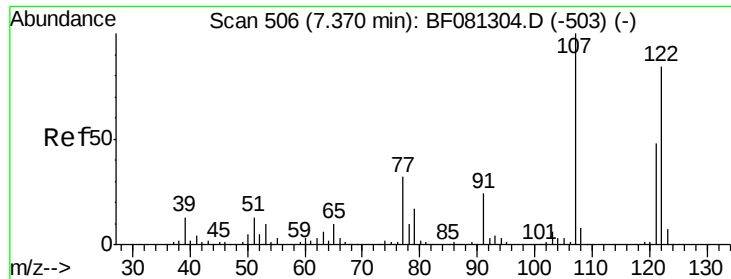


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 9.37 ng

RT: 10.54 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

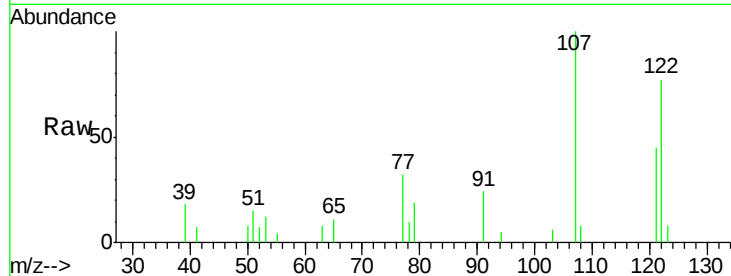
Tot Ion:122 Resp: 20715

Ion Ratio Lower Upper

122 100

107 130.3 71.8 107.6#

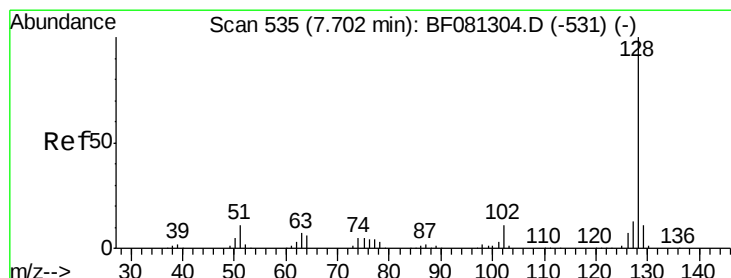
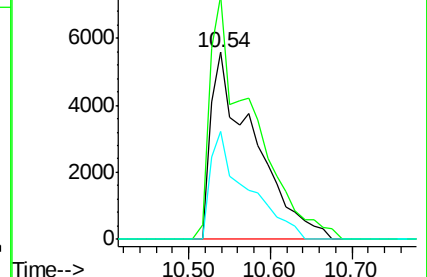
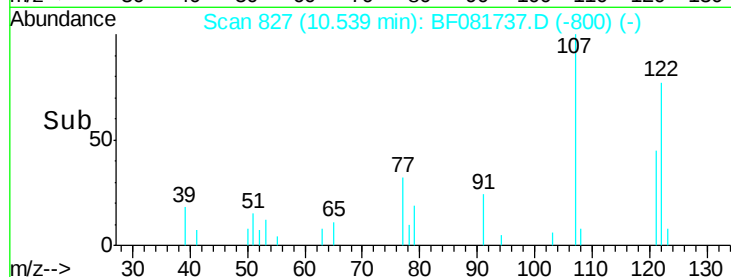
121 58.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 2.80 ng

RT: 11.10 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

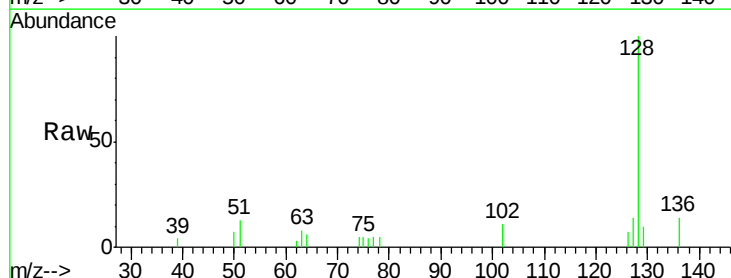
Tgt Ion:128 Resp: 20379

Ion Ratio Lower Upper

128 100

129 10.1 8.4 12.6

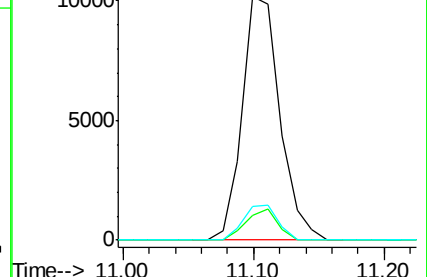
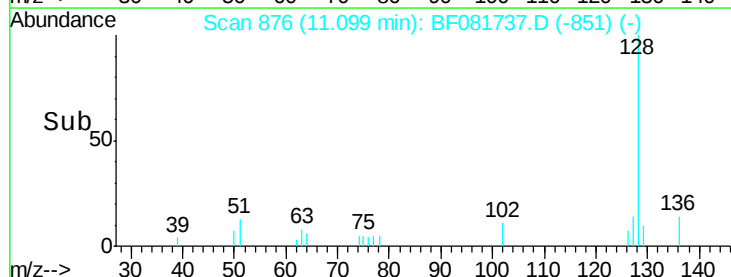
127 13.9 9.9 14.9

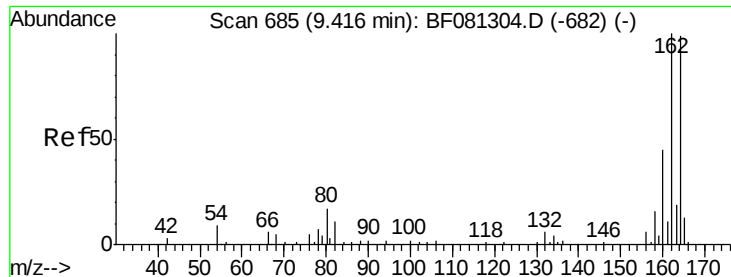


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

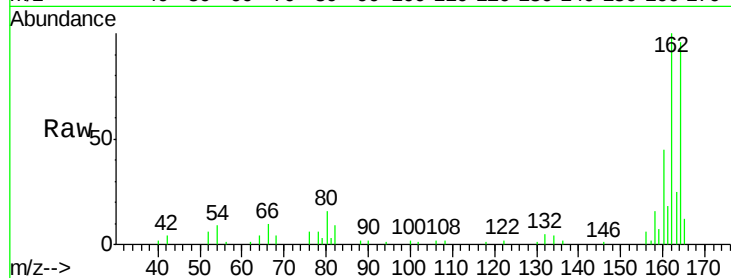
Tot Ion:164 Resp: 64373

Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

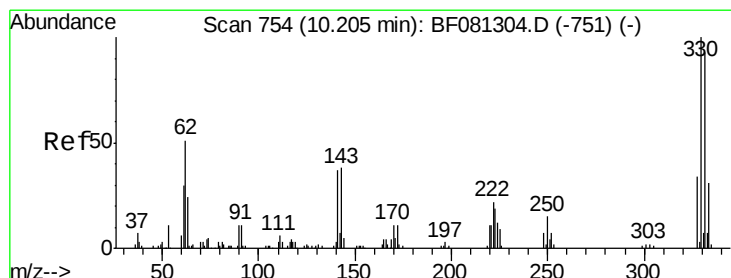
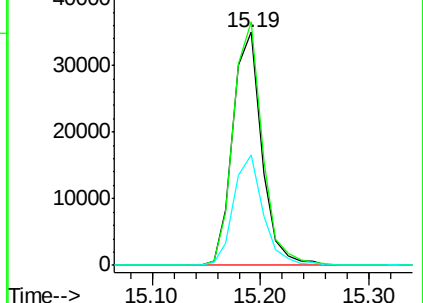
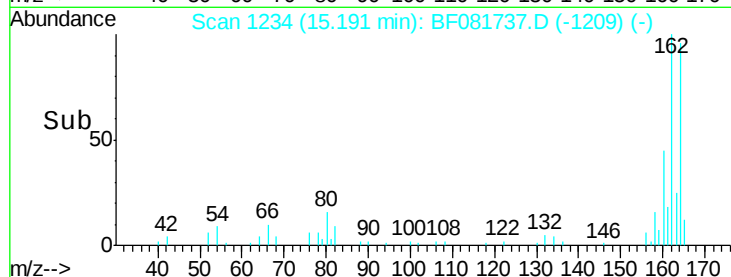
160 47.3 31.5 47.3#



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: 139.76 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

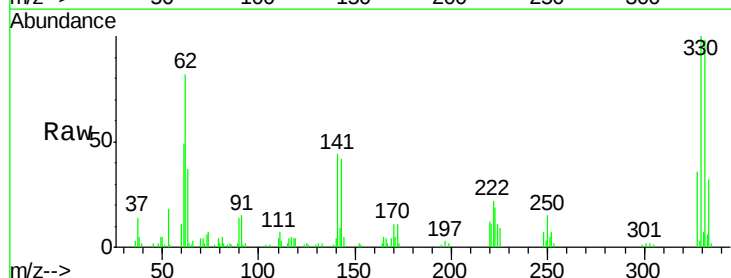
Tgt Ion:330 Resp: 80109

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

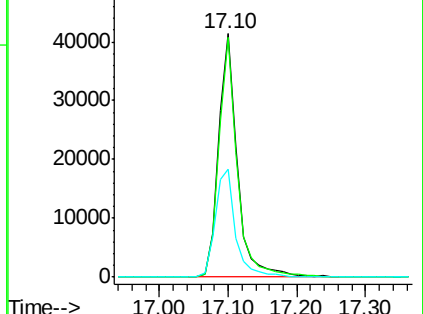
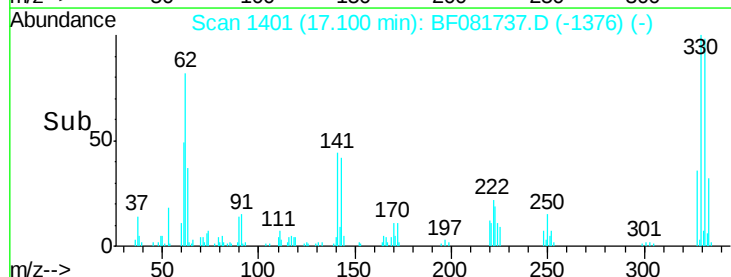
141 47.4 29.7 44.5#

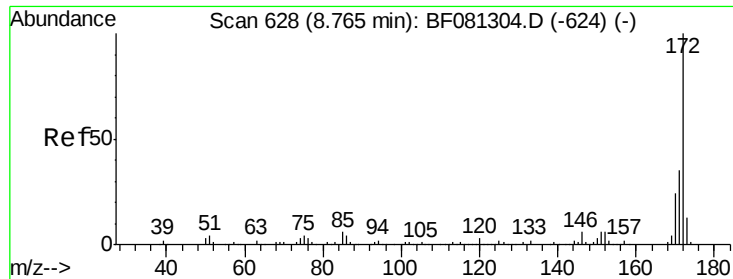


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

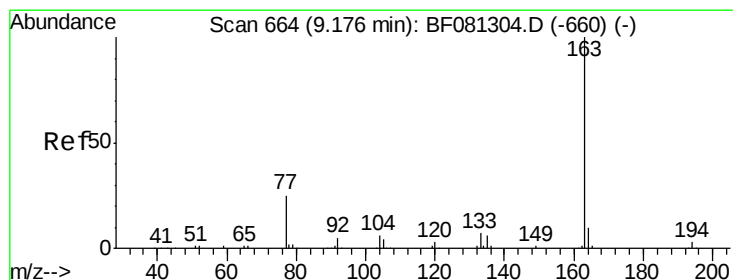
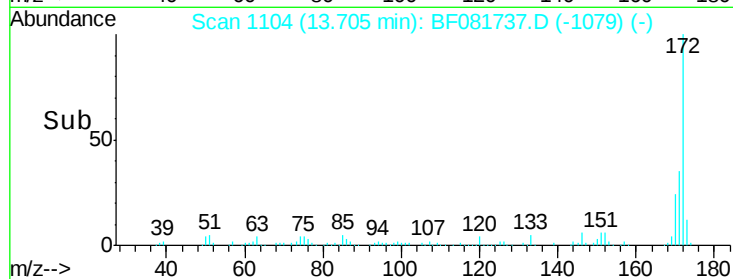
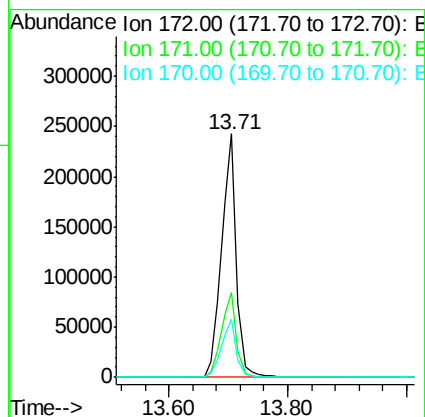
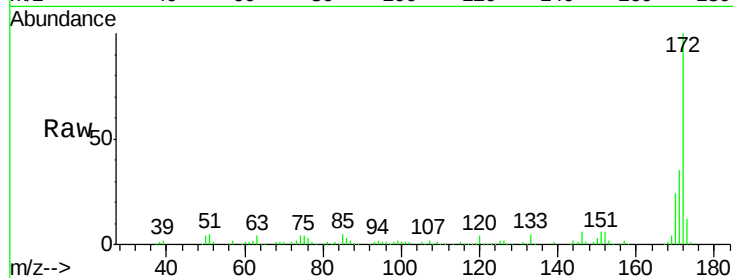




#44
2-Fluorobiphenyl
Concen: 83.13 ng
RT: 13.71 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

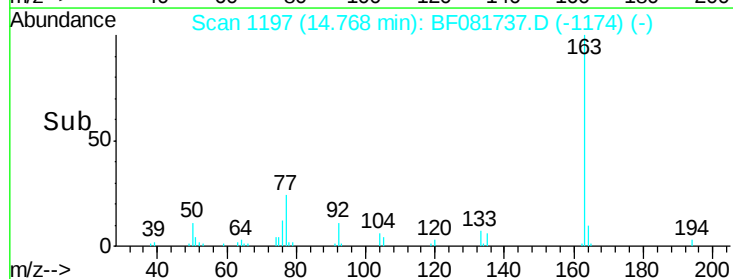
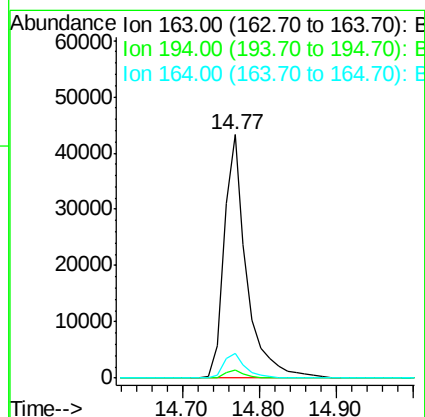
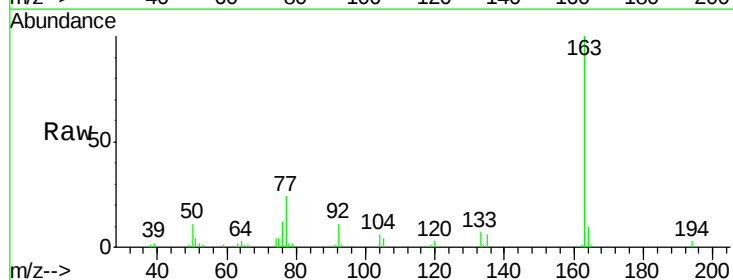
Instrument :
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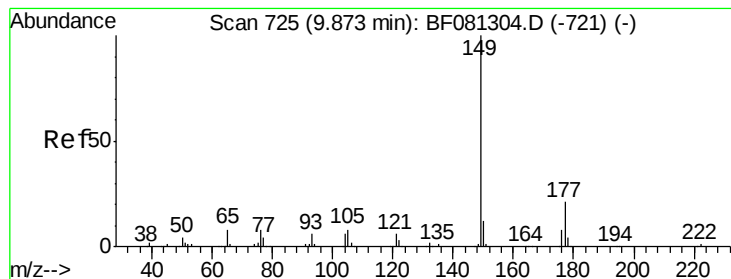
Tot Ion:172 Resp: 417570
Ion Ratio Lower Upper
172 100
171 35.1 26.1 39.1
170 23.9 17.4 26.2



#49
Dimethylphthalate
Concen: 17.75 ng
RT: 14.77 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

Tgt Ion:163 Resp: 88763
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 9.9 8.3 12.5





#59

Diethylphthalate

Concen: 5.54 ng

RT: 16.47 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

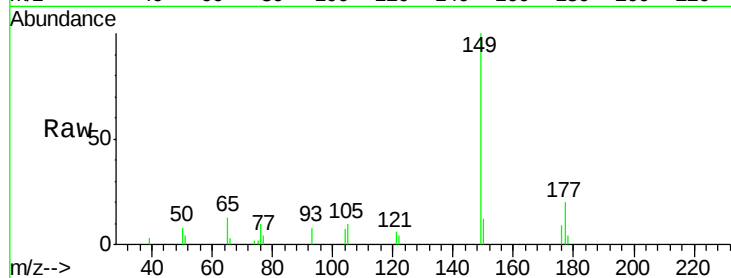
Tot Ion:149 Resp: 29168

Ion Ratio Lower Upper

149 100

177 19.6 17.5 26.3

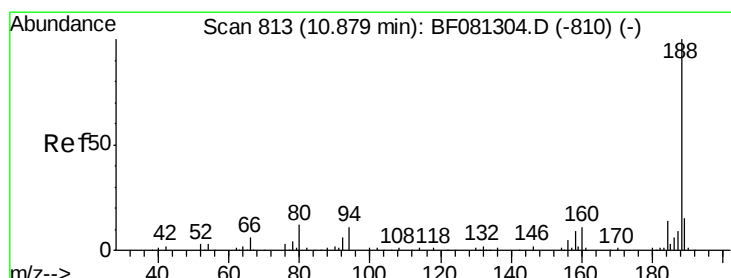
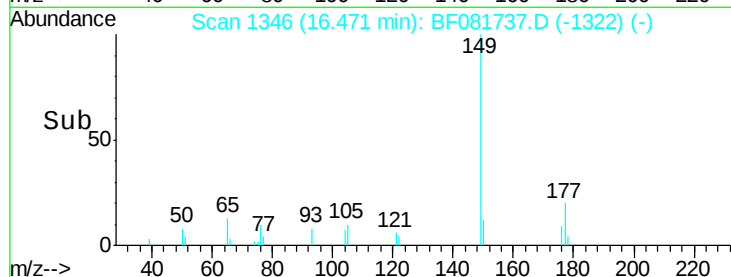
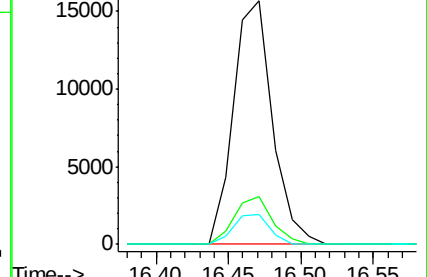
150 12.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

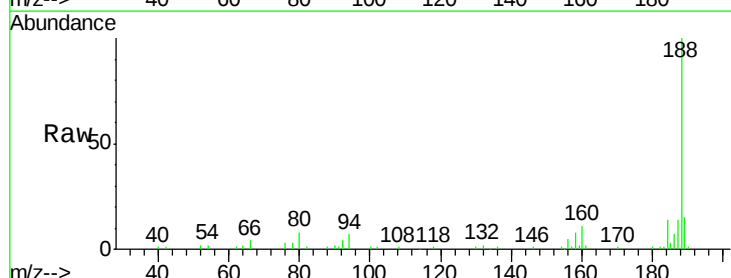
Tgt Ion:188 Resp: 133844

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

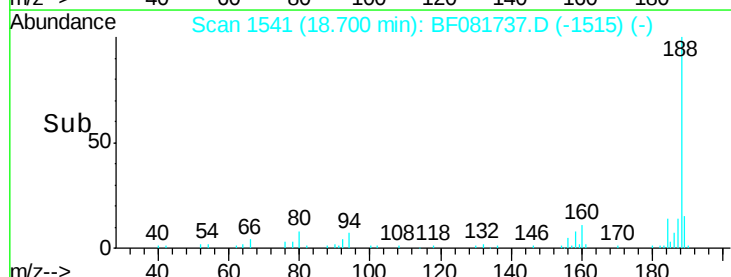
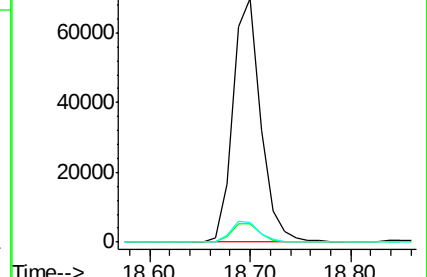
80 8.3 11.0 16.4#

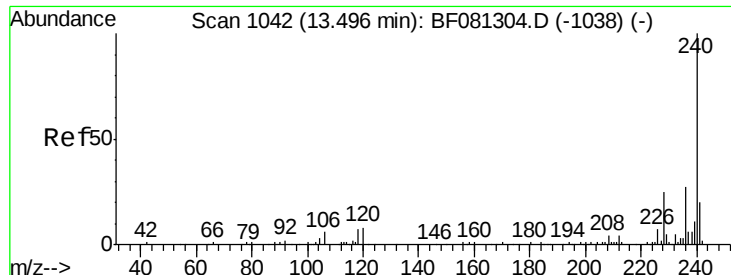


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

Instrument :

BNA_F

ClientSampleId :

MGP-202-30-32

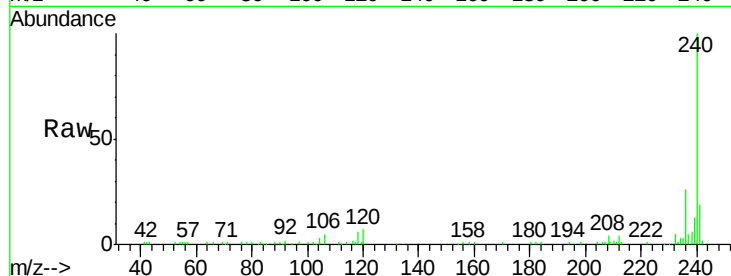
Tot Ion:240 Resp: 97121

Ion Ratio Lower Upper

240 100

120 6.5 16.2 24.2#

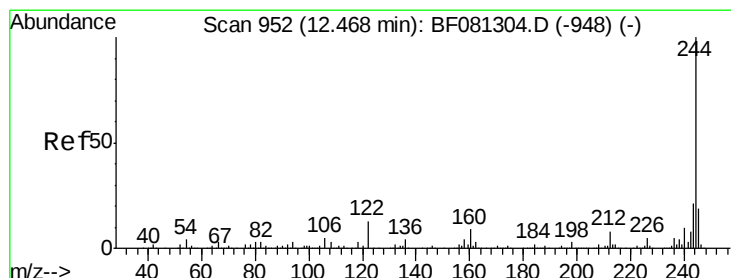
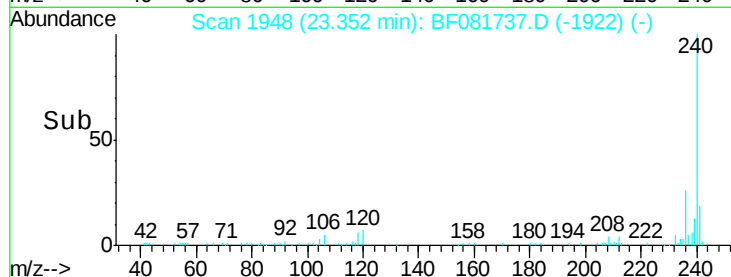
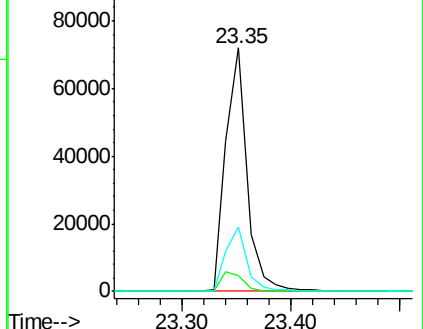
236 26.3 18.4 27.6



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: 93.93 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BF081737.D

Acq: 22 Sep 2015 6:52

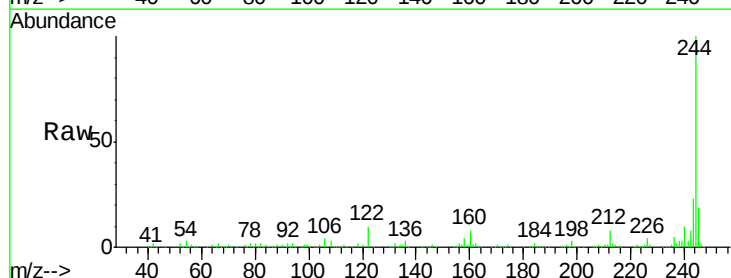
Tgt Ion:244 Resp: 391892

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

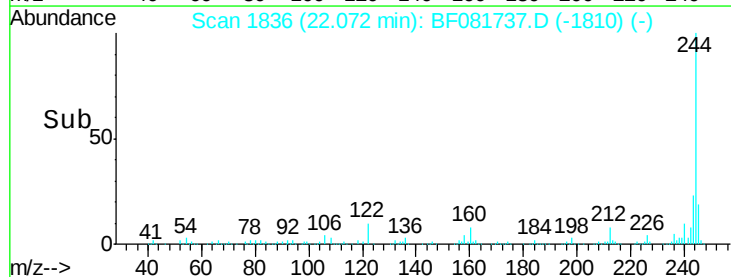
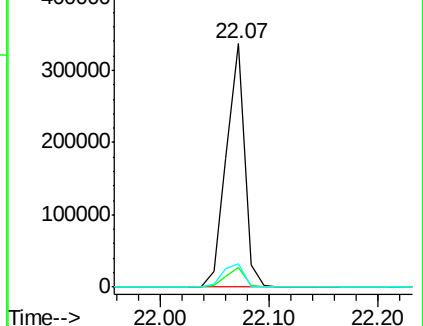
122 9.6 17.4 26.2#

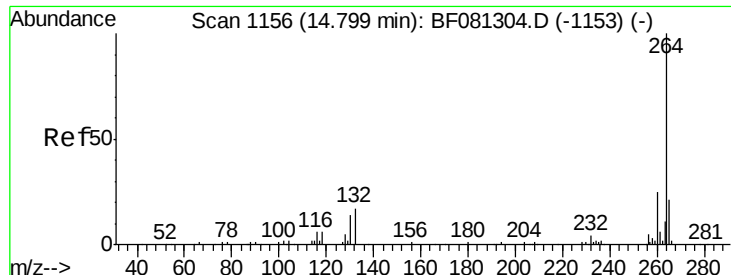


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

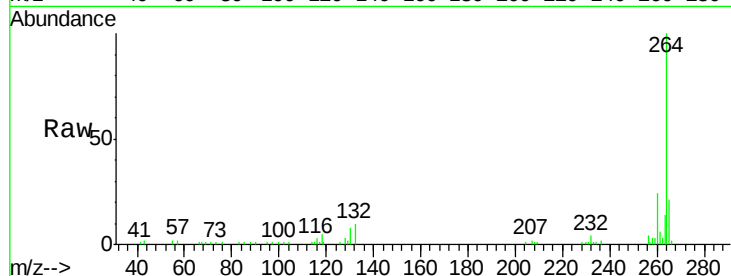




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BF081737.D
Acq: 22 Sep 2015 6:52

Instrument :
BNA_F
ClientSampleId :
MGP-202-30-32

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.3	17.2	25.8



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

