

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076816.D
 Acq On : 12 Jan 2015 19:31
 Operator : IZ / TP
 Sample : G1030-11RE
 Misc : S
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-SS-2(4-6)

Quant Time: Jan 13 00:53:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

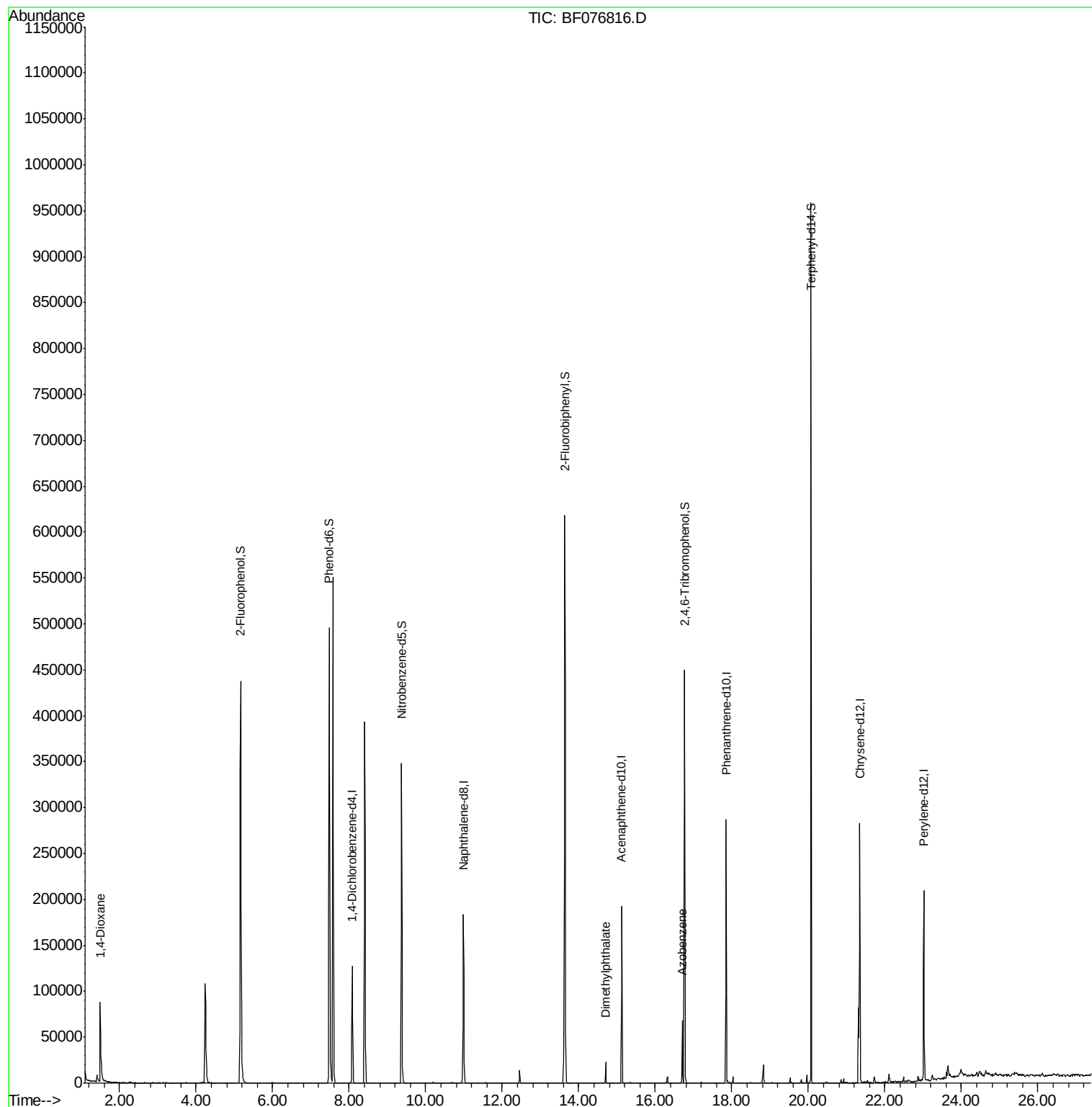
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31176	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	139625	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	72692	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	124178	20.00	ng	0.00
75) Chrysene-d12	21.34	240	113840	20.00	ng	-0.01
86) Perylene-d12	23.02	264	104904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	218949	117.19	ng	-0.01
7) Phenol-d6	7.48	99	277185	117.85	ng	-0.02
23) Nitrobenzene-d5	9.37	82	171255	68.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	64144	105.72	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	332079	67.24	ng	-0.01
78) Terphenyl-d14	20.07	244	325973	62.87	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.49	88	3488	4.38	ng	# 14
49) Dimethylphthalate	14.70	163	18695	3.54	ng	# 97
62) Azobenzene	16.71	77	18780	3.37	ng	# 1

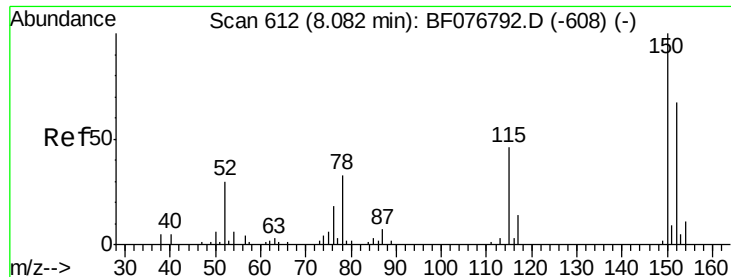
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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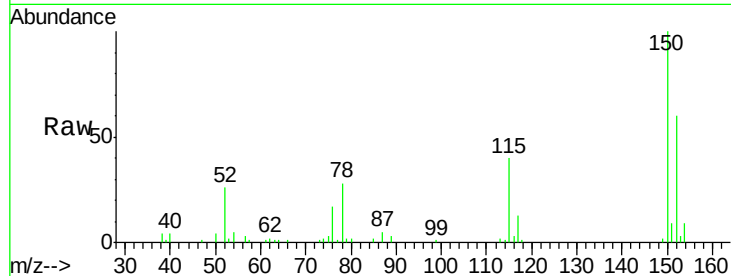


#1

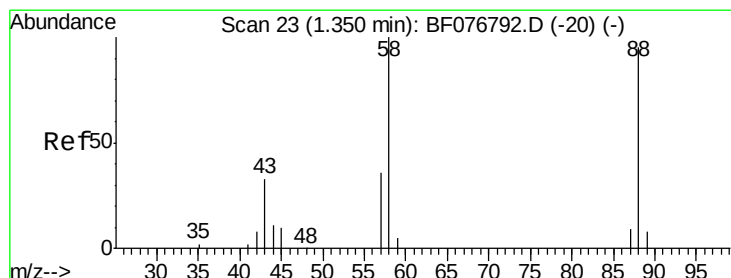
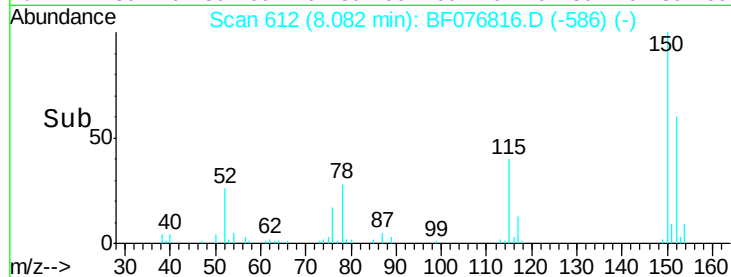
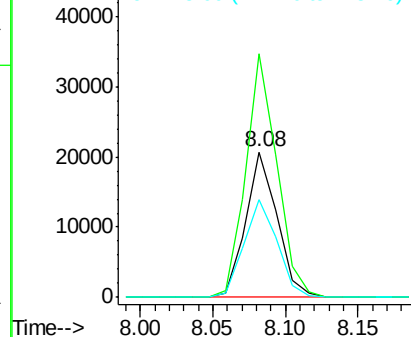
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Instrument :
BNA_F
ClientSampleId :
TP4-SS-2(4-6)

Tgt Ion:152 Resp: 31176
Ion Ratio Lower Upper
152 100
150 167.2 119.5 179.3
115 67.3 54.6 81.8



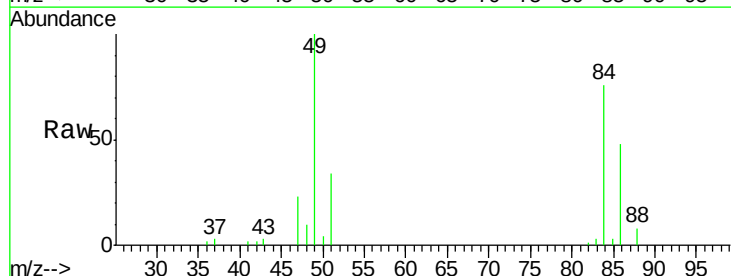
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



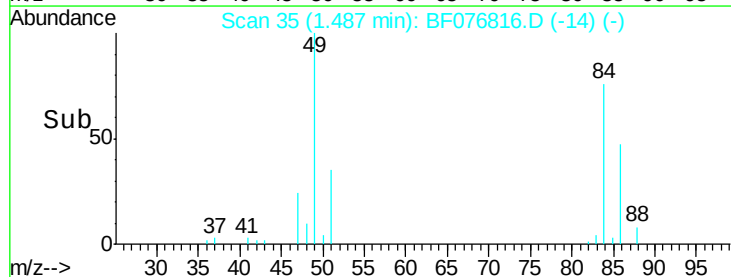
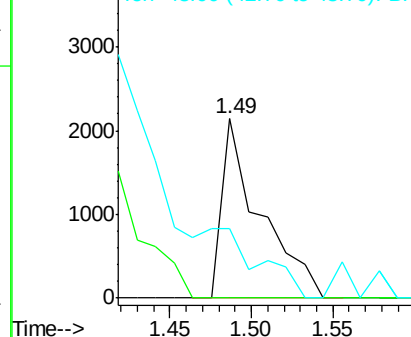
#2

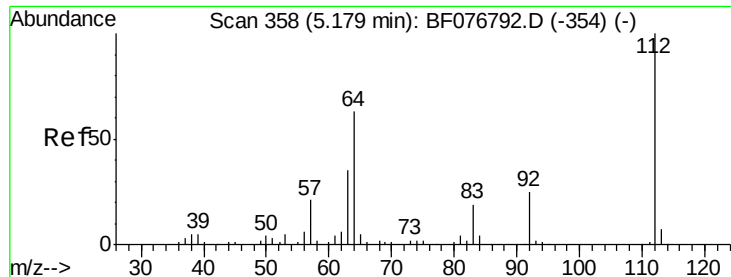
1,4-Dioxane
Concen: 4.38 ng
RT: 1.49 min Scan# 35
Delta R.T. 0.14 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Tgt Ion: 88 Resp: 3488
Ion Ratio Lower Upper
88 100
58 0.0 72.4 108.6#
43 0.0 24.0 36.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 117.19 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Instrument :

BNA_F

ClientSampleId :

TP4-SS-2(4-6)

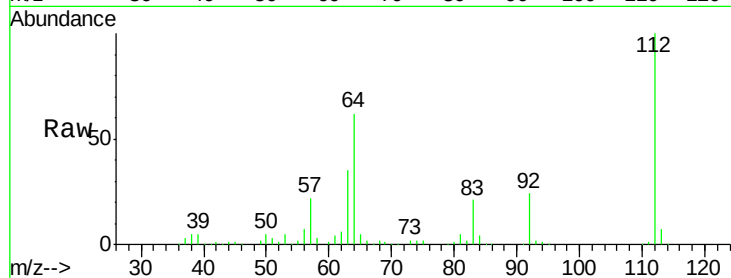
Tgt Ion: 112 Resp: 218949

Ion Ratio Lower Upper

112 100

64 61.9 50.2 75.4

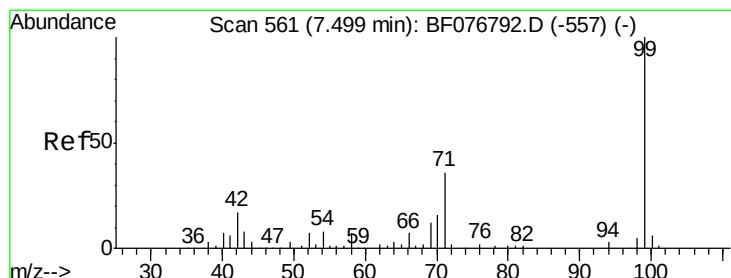
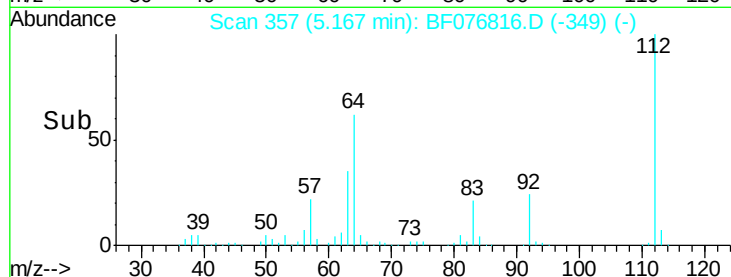
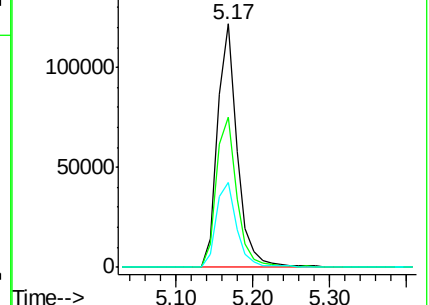
63 34.8 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 117.85 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

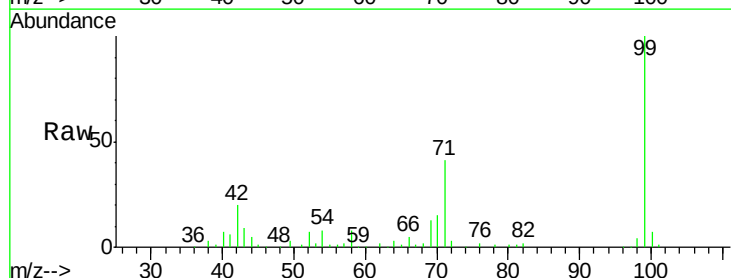
Tgt Ion: 99 Resp: 277185

Ion Ratio Lower Upper

99 100

42 20.0 13.3 19.9#

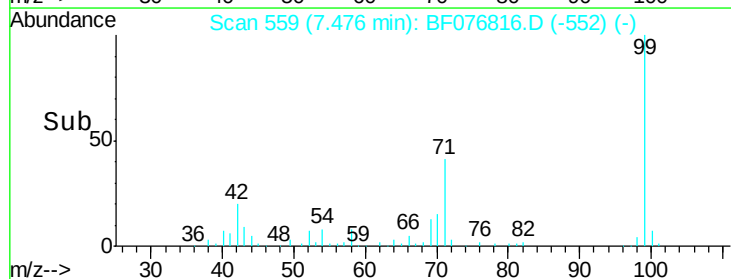
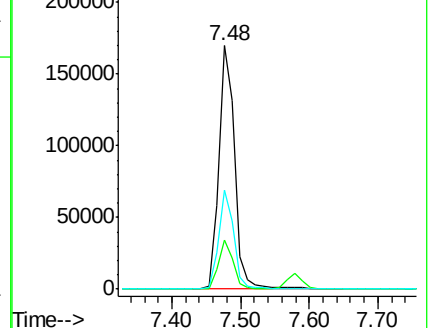
71 40.8 29.2 43.8

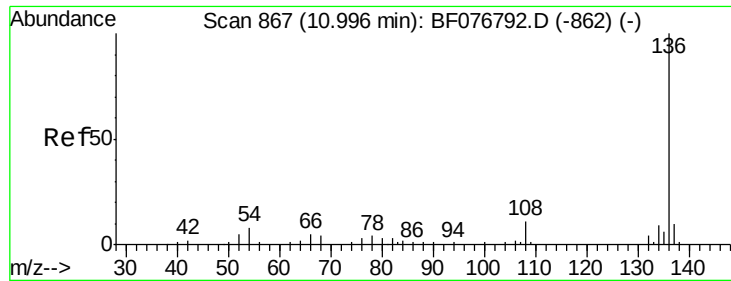


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

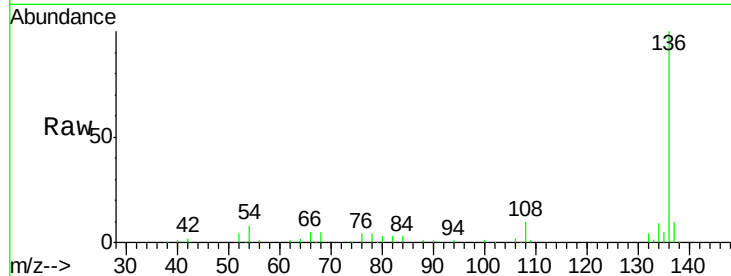




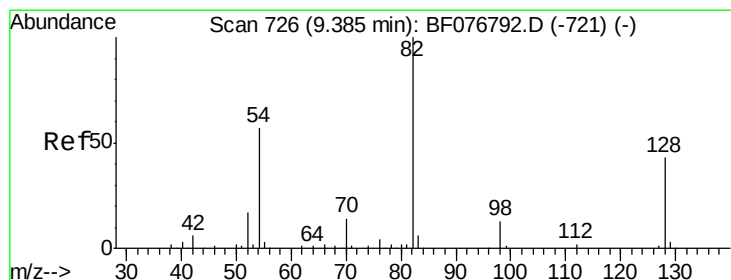
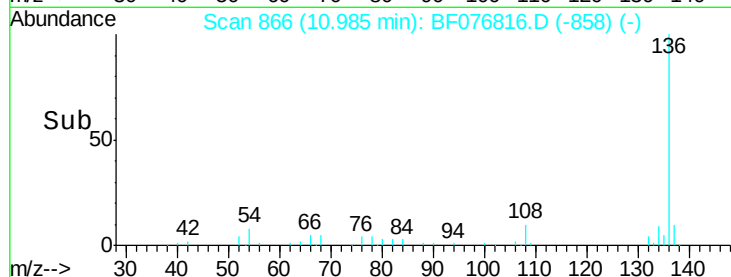
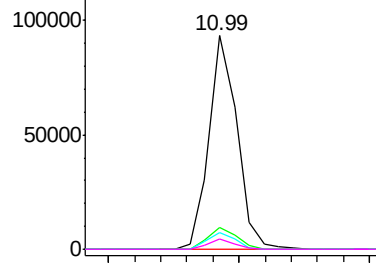
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Instrument :
BNA_F
ClientSampleId :
TP4-SS-2(4-6)

Tgt Ion:	136	Resp:	139625
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.1	12.1
54	7.9	6.3	9.5
68	4.8	3.4	5.0

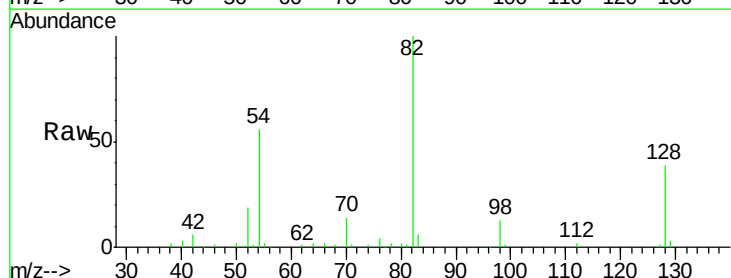


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

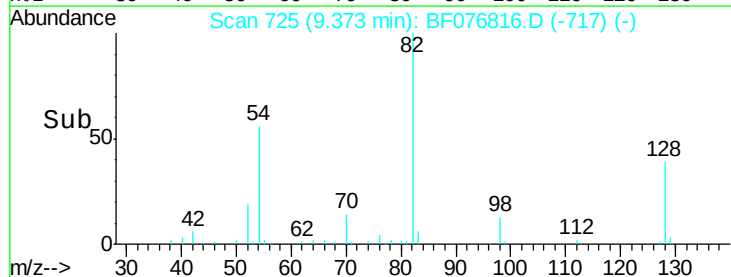
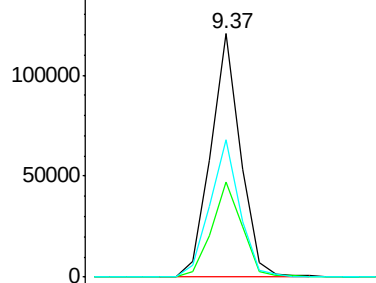


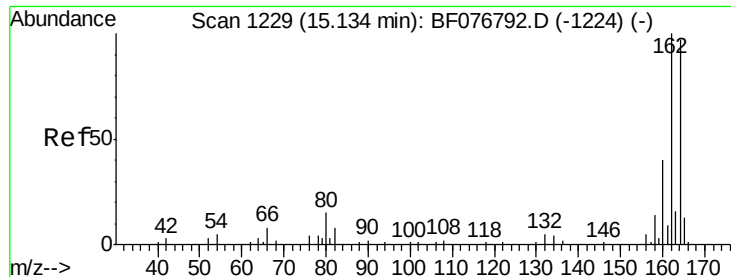
#23
Nitrobenzene-d5
Concen: 68.16 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Tgt Ion:	82	Resp:	171255
Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	56.3	45.6	68.4



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: 15.12 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Instrument :

BNA_F

ClientSampleId :

TP4-SS-2(4-6)

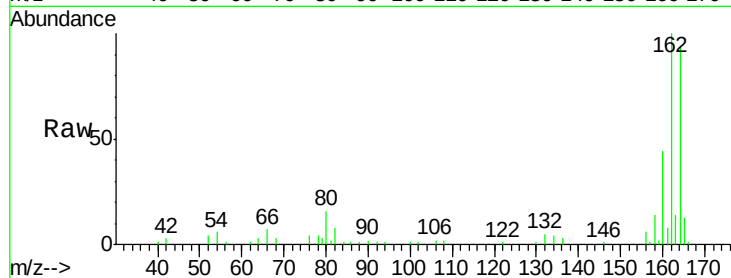
Tgt Ion:164 Resp: 72692

Ion Ratio Lower Upper

164 100

162 106.5 82.5 123.7

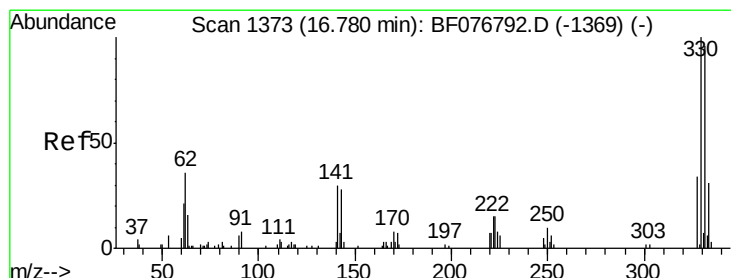
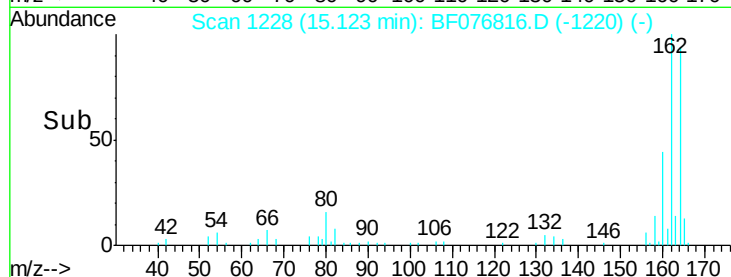
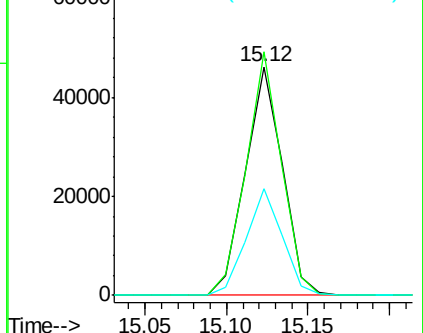
160 46.6 33.1 49.7



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: 105.72 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

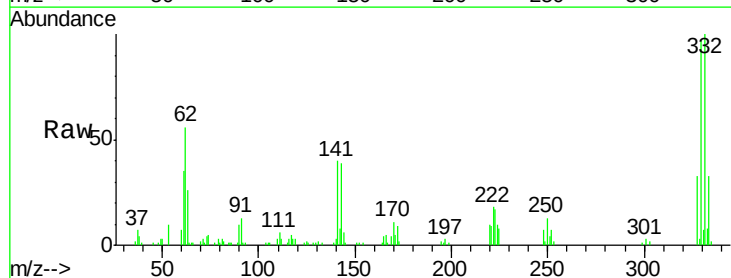
Tgt Ion:330 Resp: 64144

Ion Ratio Lower Upper

330 100

332 101.5 74.8 112.2

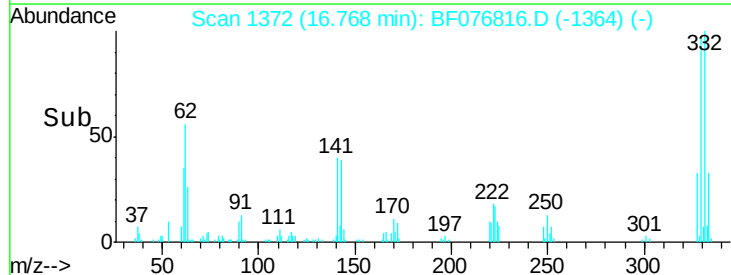
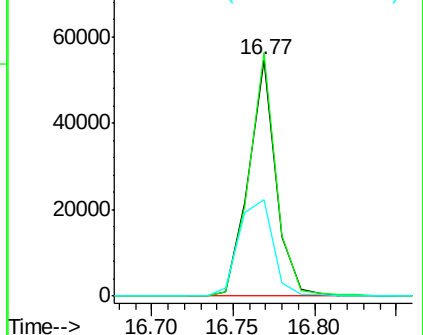
141 50.9 42.4 63.6

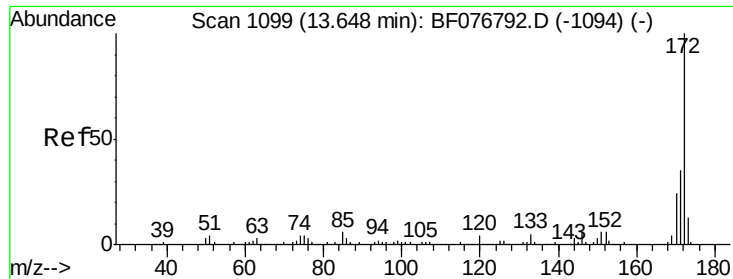


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

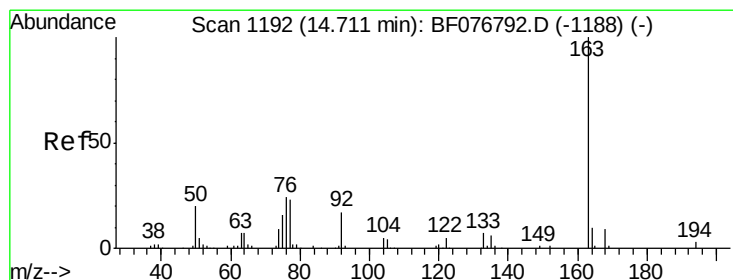
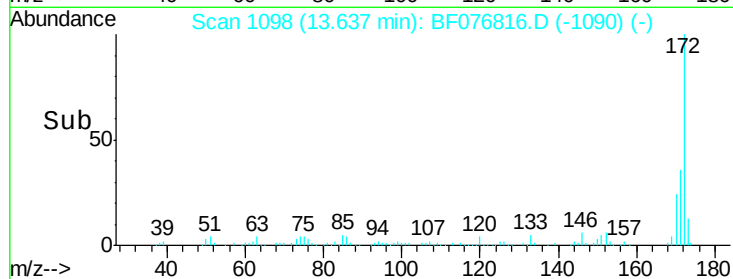
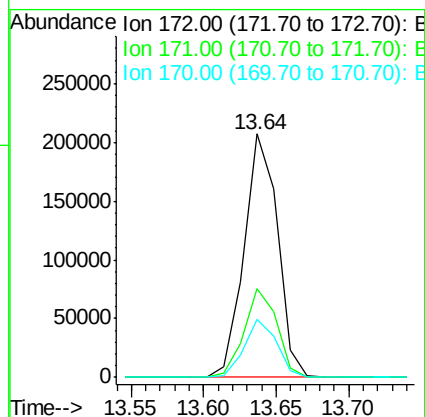
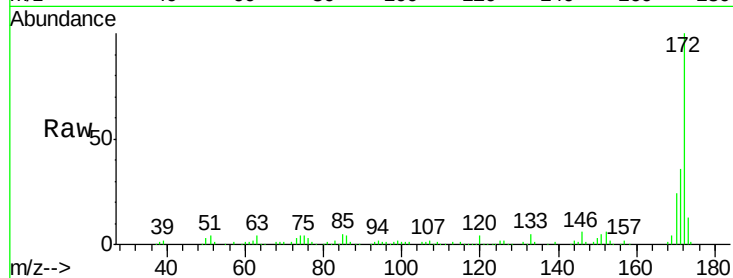




#44
2-Fluorobiphenyl
Concen: 67.24 ng
RT: 13.64 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

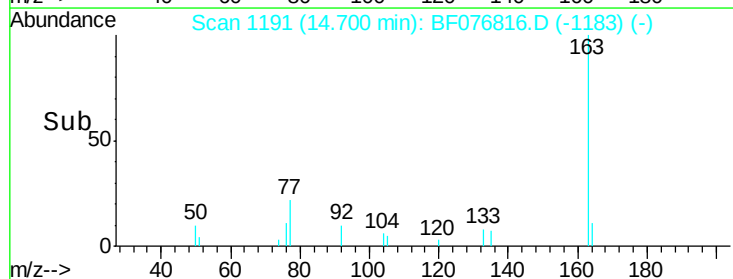
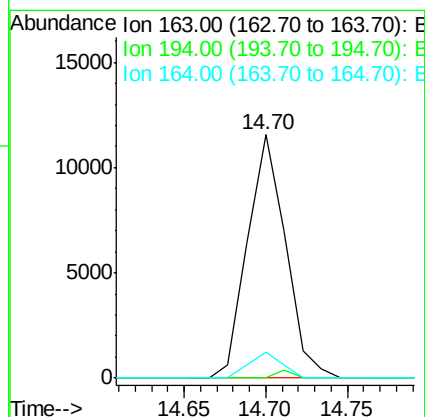
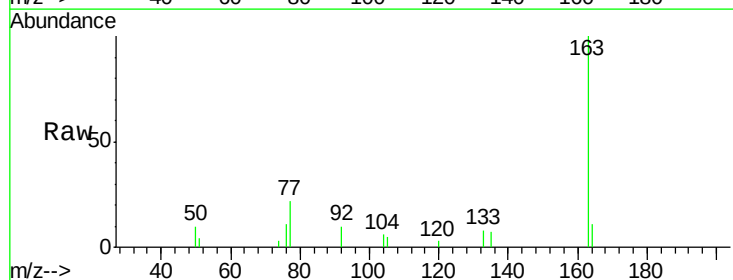
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BNA_F
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TP4-SS-2(4-6)

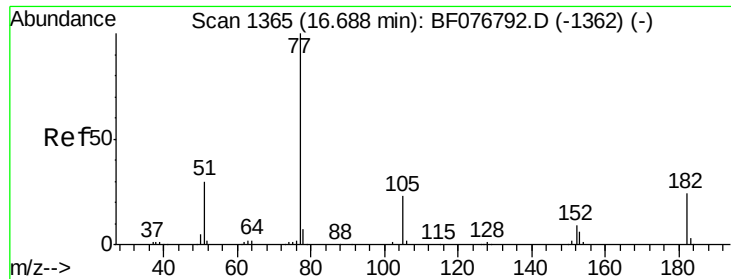
Tgt Ion:172 Resp: 332079
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.8
170 23.6 18.8 28.2



#49
Dimethylphthalate
Concen: 3.54 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Tgt Ion:163 Resp: 18695
Ion Ratio Lower Upper
163 100
194 0.0 2.3 3.5#
164 10.9 8.3 12.5





#62

Azobenzene

Concen: 3.37 ng

RT: 16.71 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Instrument :

BNA_F

ClientSampleId :

TP4-SS-2(4-6)

Tgt Ion: 77 Resp: 18780

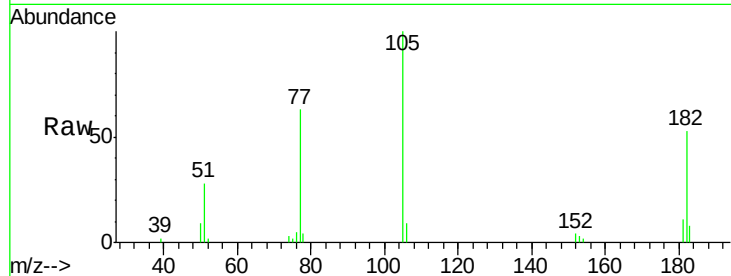
Ion Ratio Lower Upper

77 100

182 83.5 3.7 43.7#

105 157.7 2.7 42.7#

51 44.0 11.8 51.8

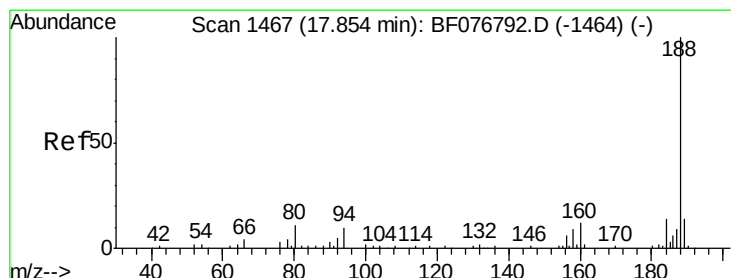
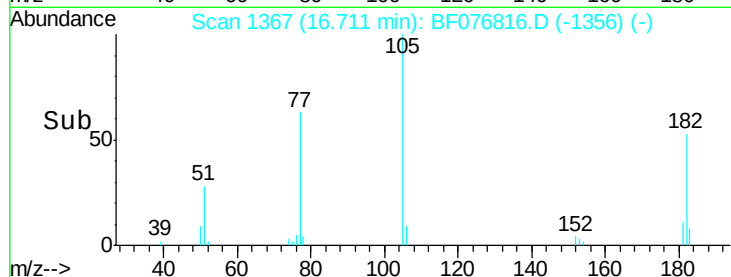
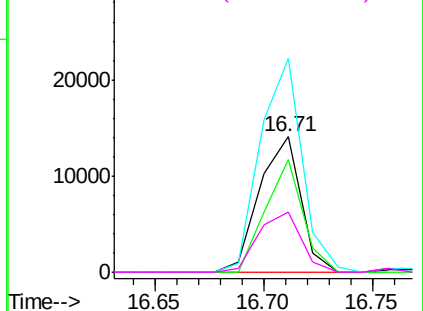


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.85 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

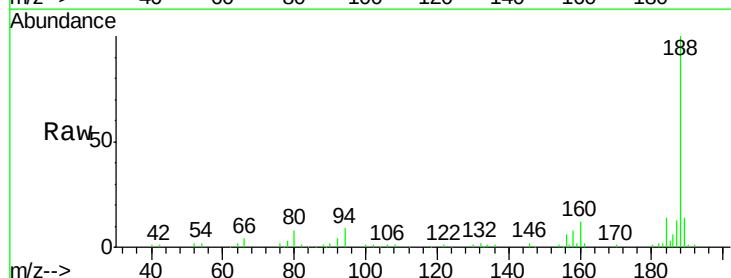
Tgt Ion: 188 Resp: 124178

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

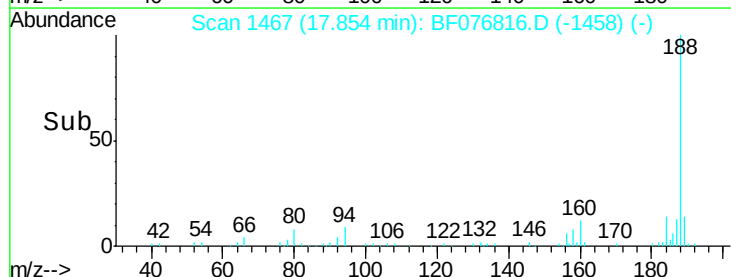
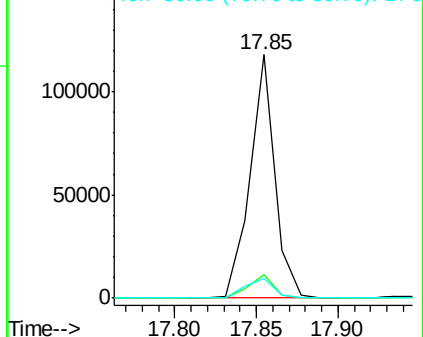
80 8.3 8.6 13.0#

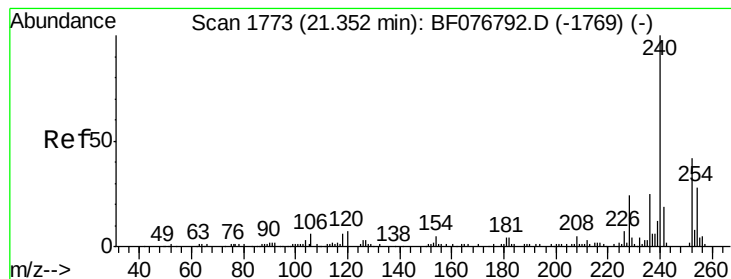


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Instrument :

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TP4-SS-2(4-6)

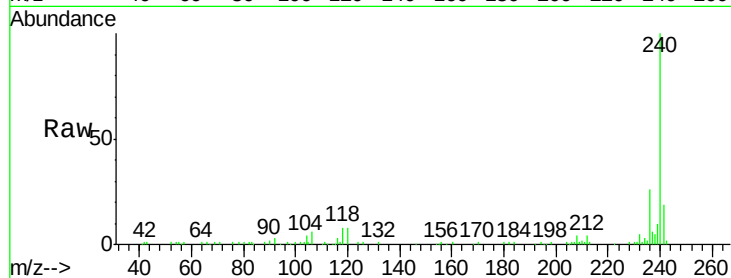
Tgt Ion:240 Resp: 113840

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

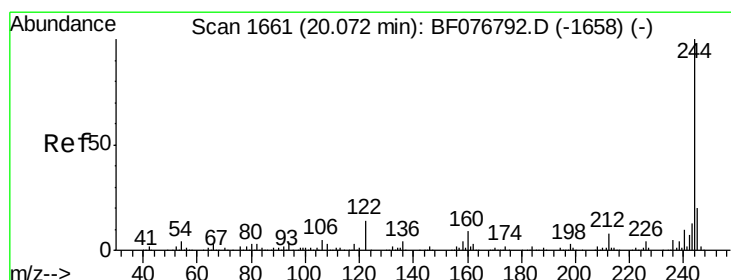
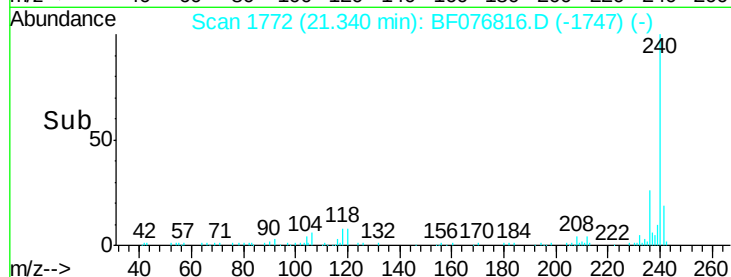
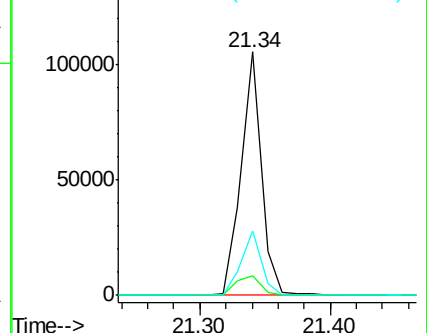
236 26.3 19.7 29.5



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: 62.87 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

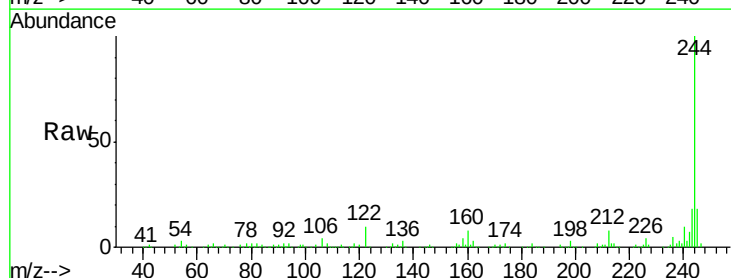
Tgt Ion:244 Resp: 325973

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

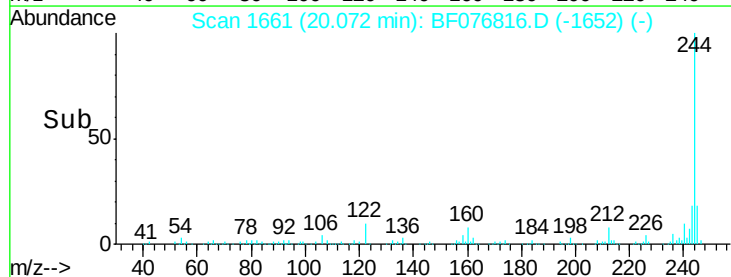
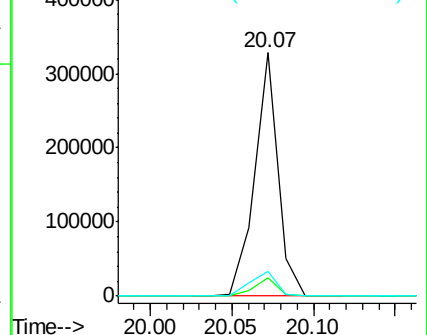
122 10.0 11.3 16.9#

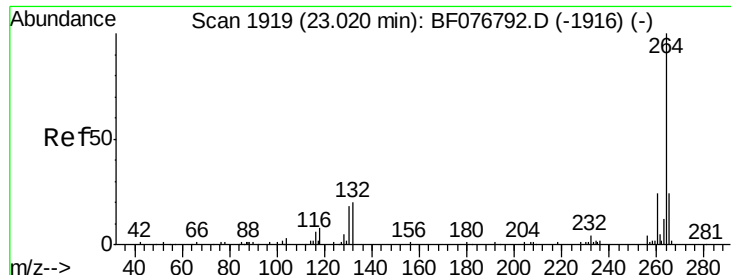


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.02 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Instrument :
BNA_F
ClientSampleId :
TP4-SS-2(4-6)

Tgt Ion: 264 Resp: 104904
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 20.6 18.9 28.3

