

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076812.D
 Acq On : 12 Jan 2015 16:38
 Operator : IZ / TP
 Sample : G1056-01RE
 Misc : S
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD02

Quant Time: Jan 13 00:29:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 13 00:13:49 2015
 Response via : Initial Calibration

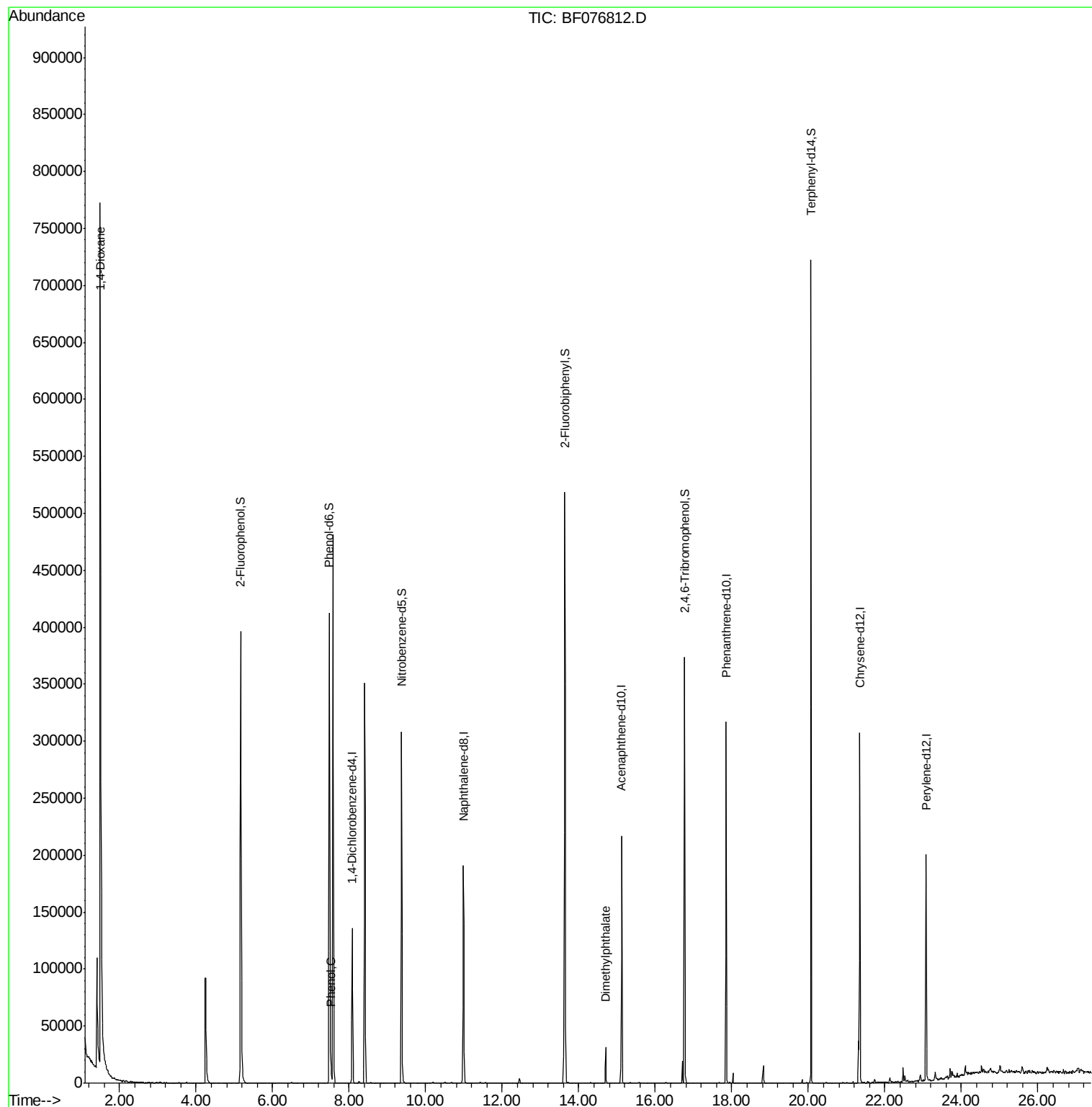
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34872	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	150374	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	81828	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	142904	20.00	ng	0.00
75) Chrysene-d12	21.34	240	121792	20.00	ng	-0.01
86) Perylene-d12	23.08	264	111144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	193671	92.67	ng	0.00
7) Phenol-d6	7.48	99	239299	90.96	ng	-0.01
23) Nitrobenzene-d5	9.37	82	149550	55.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	56565	82.82	ng	0.00
44) 2-Fluorobiphenyl	13.64	172	279416	50.26	ng	-0.01
78) Terphenyl-d14	20.07	244	265765	47.91	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.49	88	32745	36.75	ng	# 14
10) Phenol	7.51	94	5795	2.02	ng	# 79
49) Dimethylphthalate	14.70	163	22932	3.86	ng	# 97

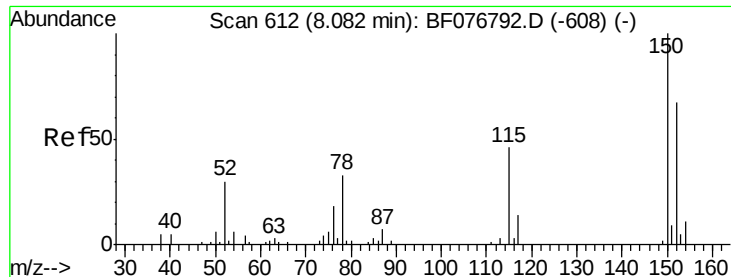
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

Instrument :

BNA_F

ClientSampled :

FD02

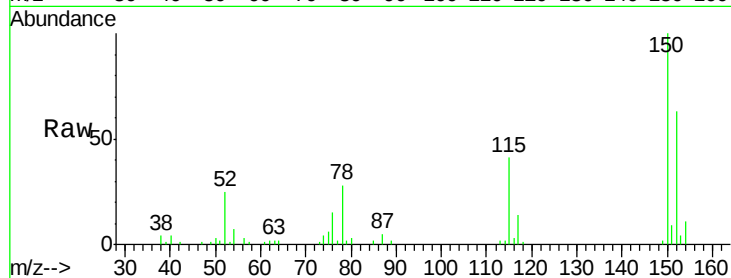
Tgt Ion:152 Resp: 34872

Ion Ratio Lower Upper

152 100

150 159.1 119.5 179.3

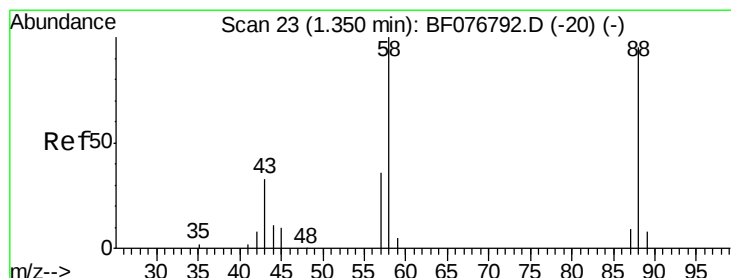
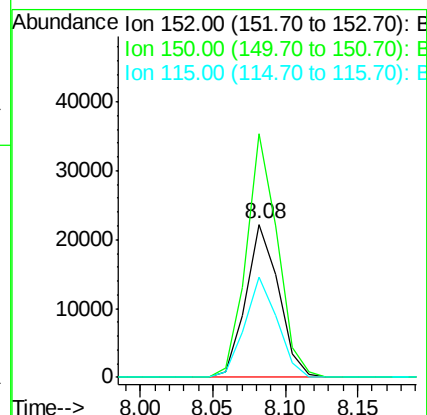
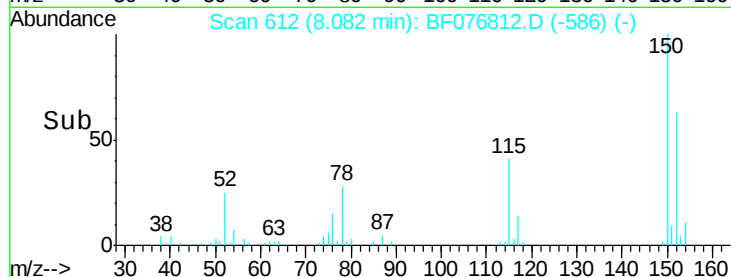
115 65.7 54.6 81.8



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: 36.75 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

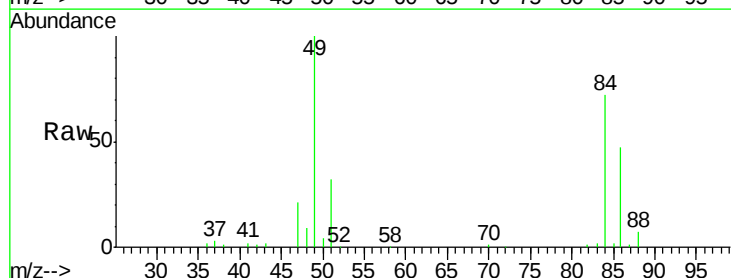
Tgt Ion: 88 Resp: 32745

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

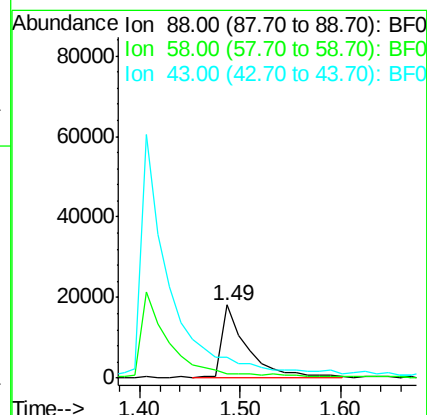
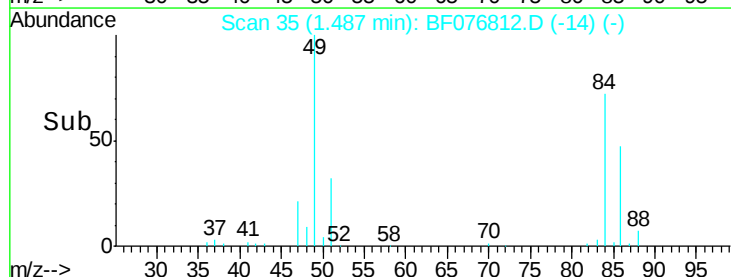
43 0.0 24.0 36.0#

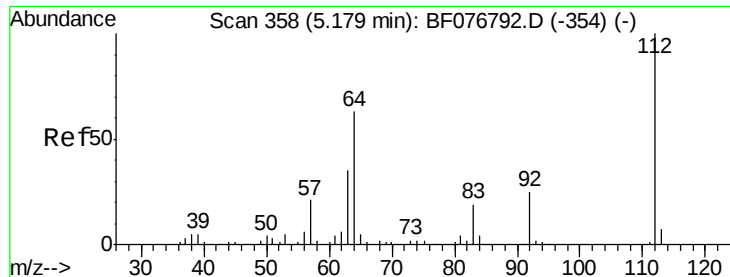


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 92.67 ng

RT: 5.17 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

Instrument :

BNA_F

ClientSampleID :

FD02

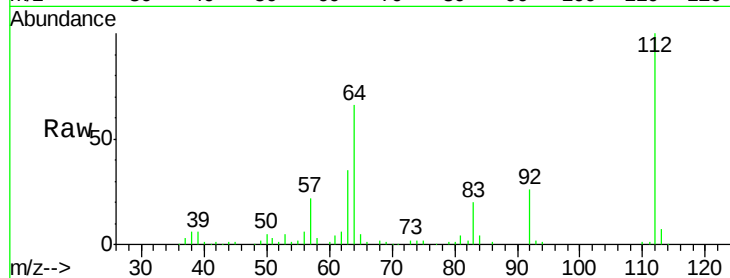
Tgt Ion: 112 Resp: 193671

Ion Ratio Lower Upper

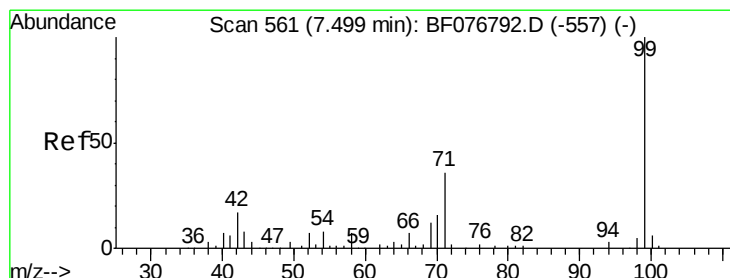
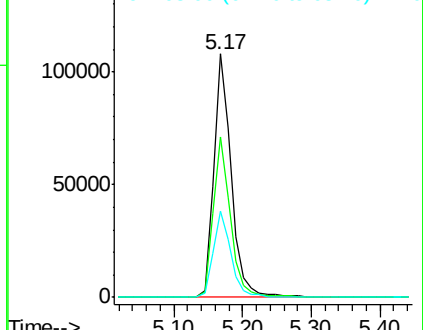
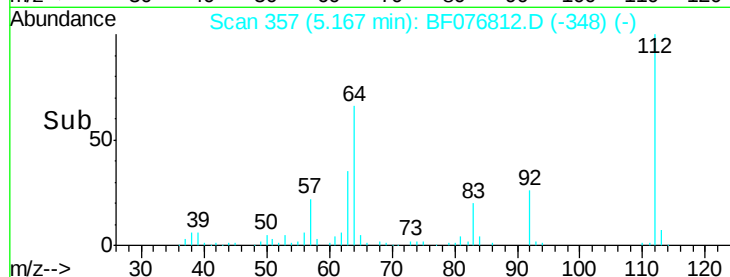
112 100

64 66.1 50.2 75.4

63 35.1 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): BF076812.D (-348) (-)



#7

Phenol-d6

Concen: 90.96 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

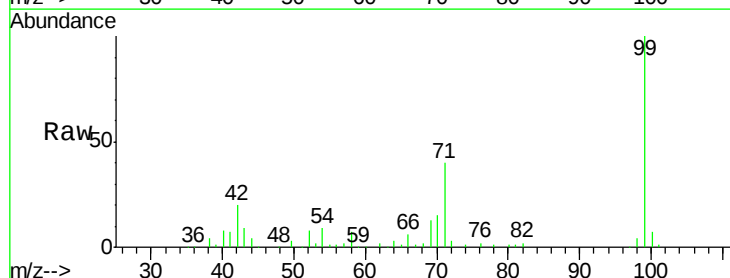
Tgt Ion: 99 Resp: 239299

Ion Ratio Lower Upper

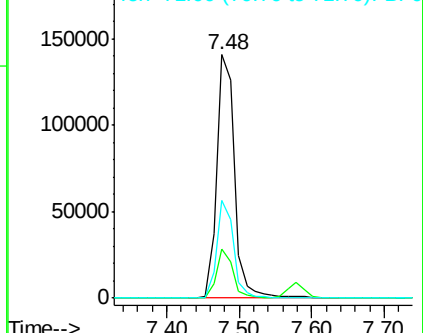
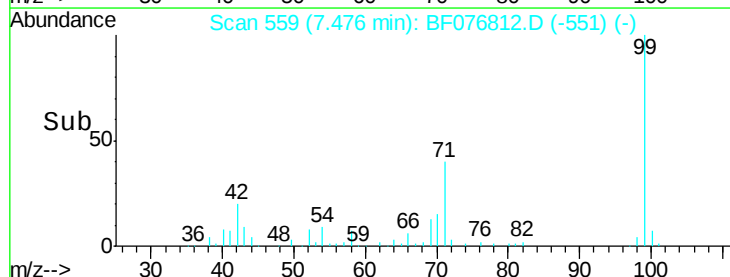
99 100

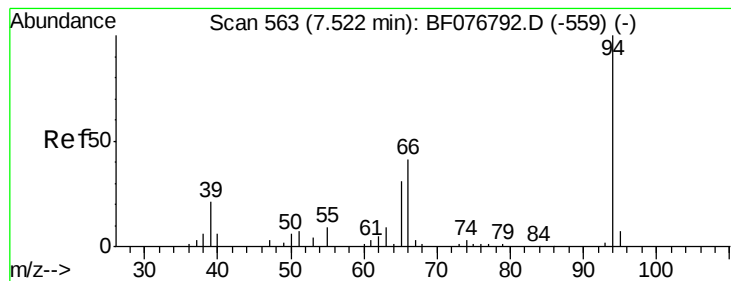
42 20.4 13.3 19.9#

71 40.1 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF076812.D (-551) (-)





#10

Phenol

Concen: 2.02 ng

RT: 7.51 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

Instrument :

BNA_F

ClientSampled :

FD02

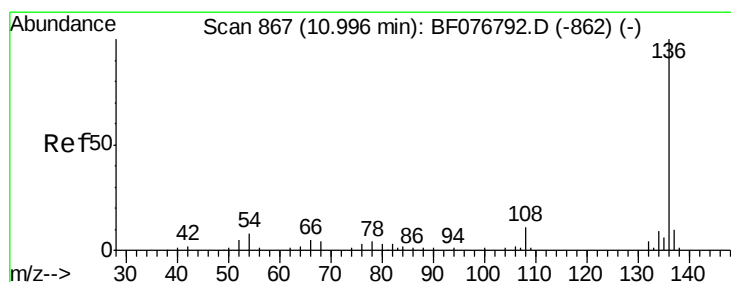
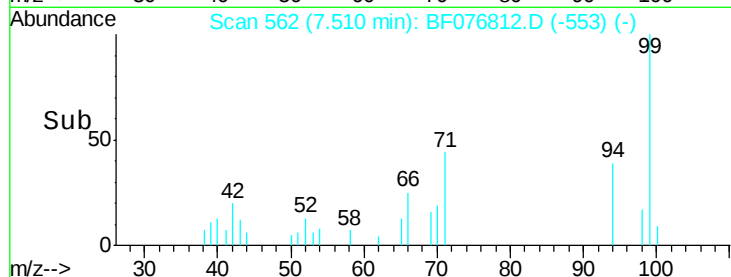
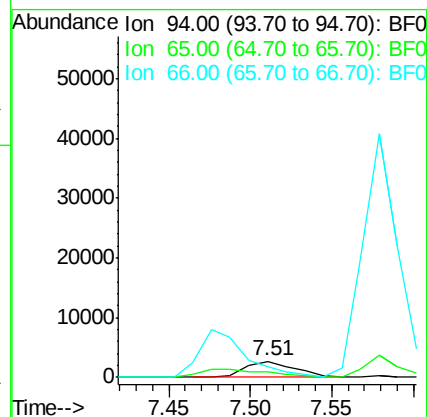
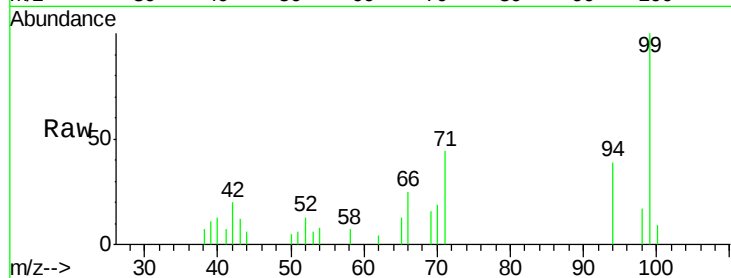
Tgt Ion: 94 Resp: 5795

Ion Ratio Lower Upper

94 100

65 32.2 11.6 51.6

66 64.6 22.3 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

Tgt Ion: 136 Resp: 150374

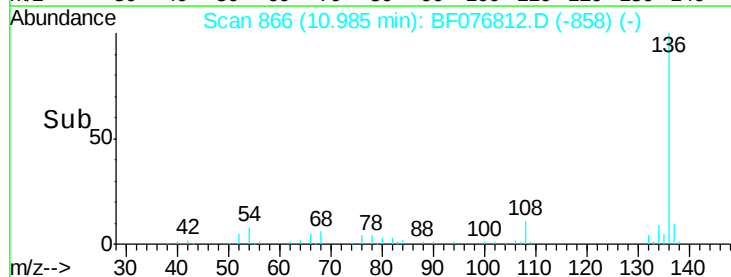
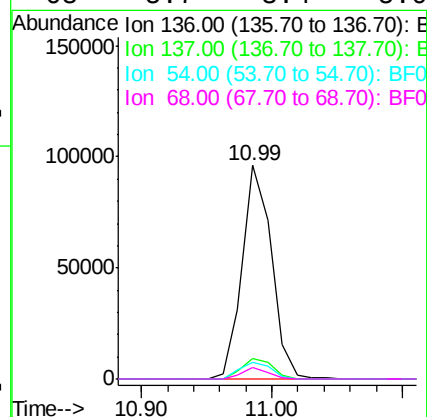
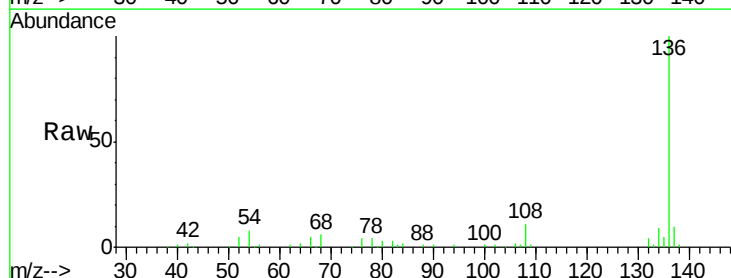
Ion Ratio Lower Upper

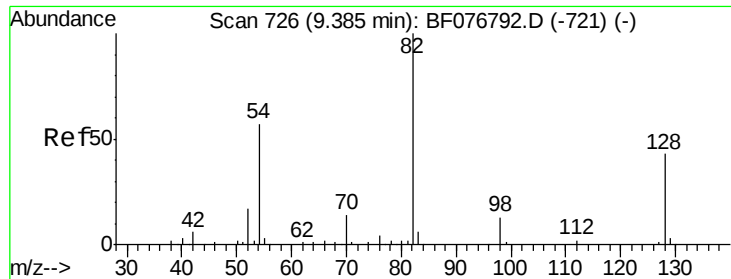
136 100

137 9.8 8.1 12.1

54 7.7 6.3 9.5

68 5.7 3.4 5.0#

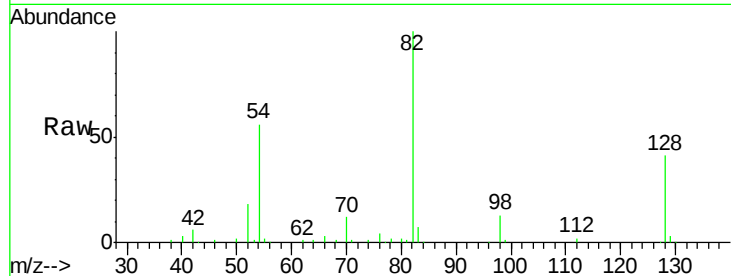




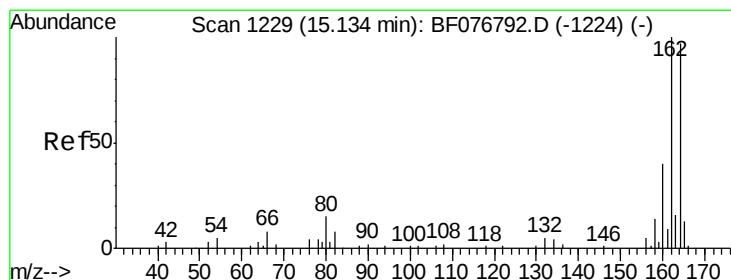
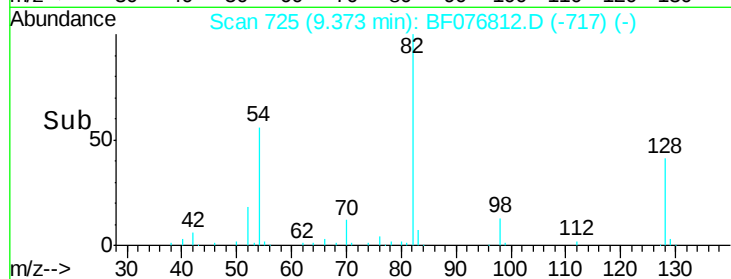
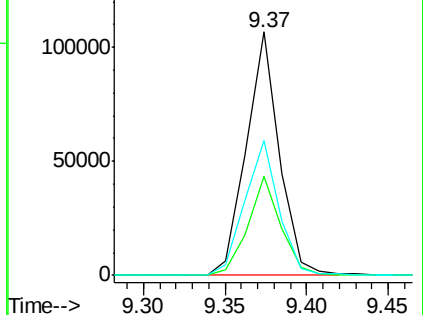
#23
 Nitrobenzene-d5
 Concen: 55.27 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076812.D
 Acq: 12 Jan 2015 16:38

Instrument :
 BNA_F
 ClientSampleId :
 FD02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	55.5	45.6	68.4

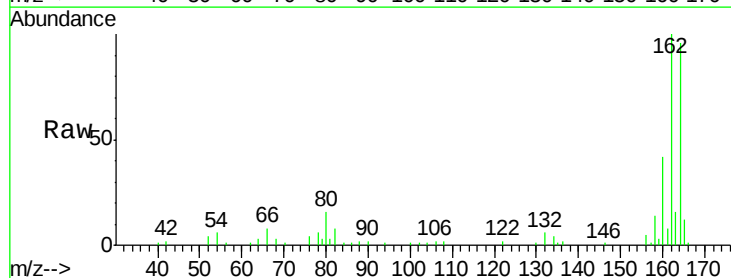


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

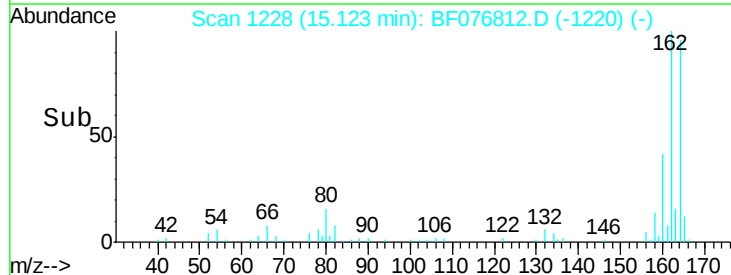
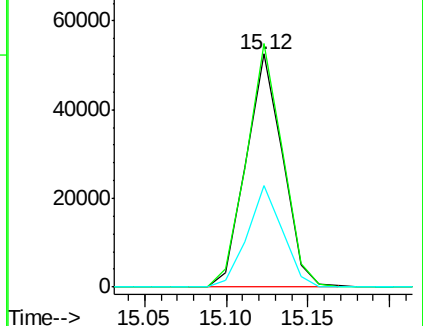


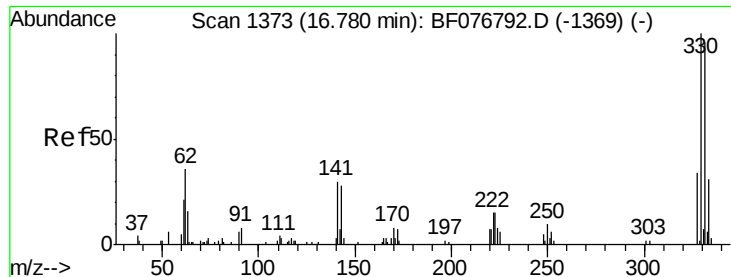
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076812.D
 Acq: 12 Jan 2015 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.5	123.7
160	43.5	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: 82.82 ng

RT: 16.77 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

Instrument :

BNA_F

ClientSampleId :

FD02

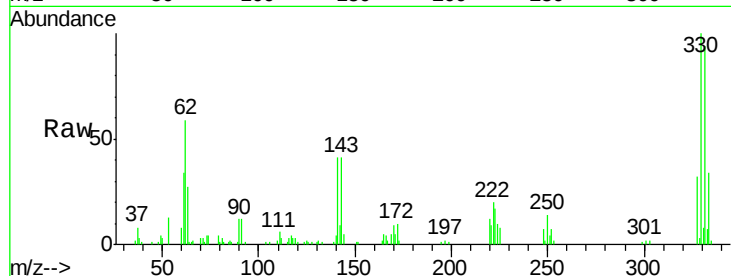
Tgt Ion:330 Resp: 56565

Ion Ratio Lower Upper

330 100

332 95.1 74.8 112.2

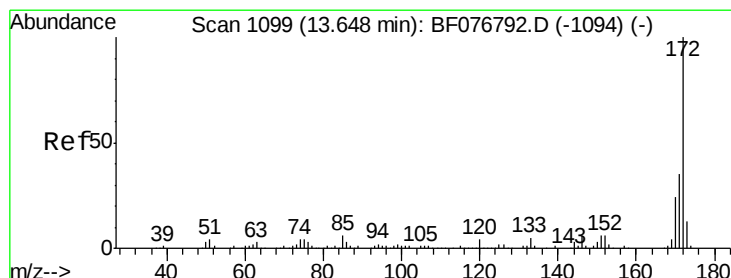
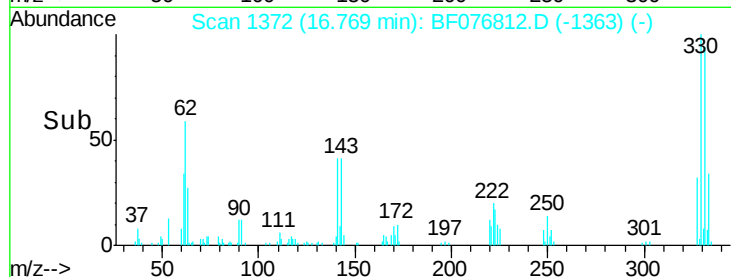
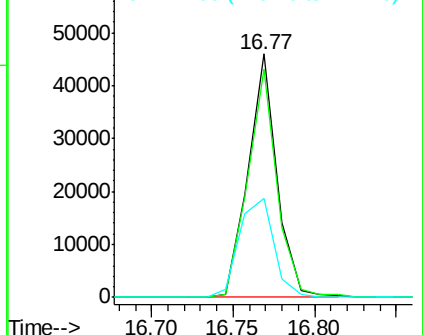
141 48.6 42.4 63.6



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: 50.26 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

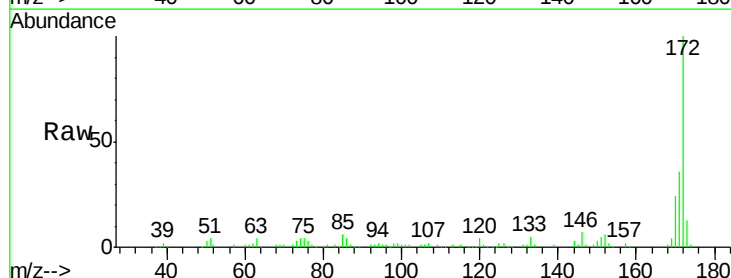
Tgt Ion:172 Resp: 279416

Ion Ratio Lower Upper

172 100

171 35.9 27.8 41.8

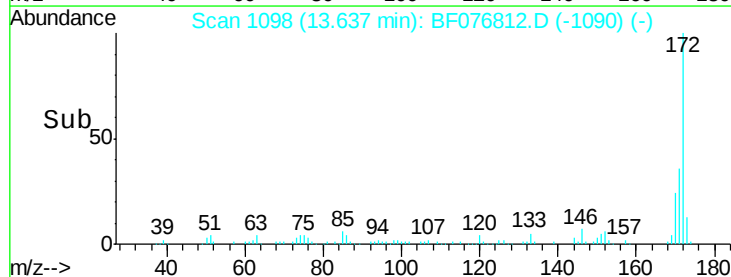
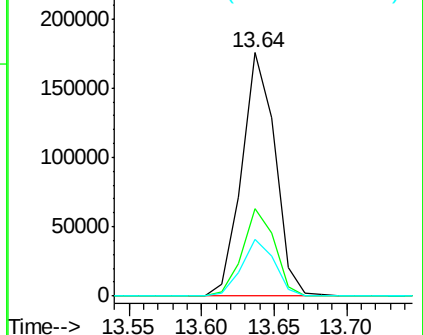
170 23.5 18.8 28.2

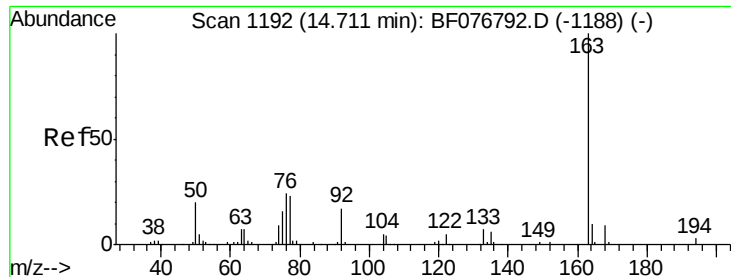


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

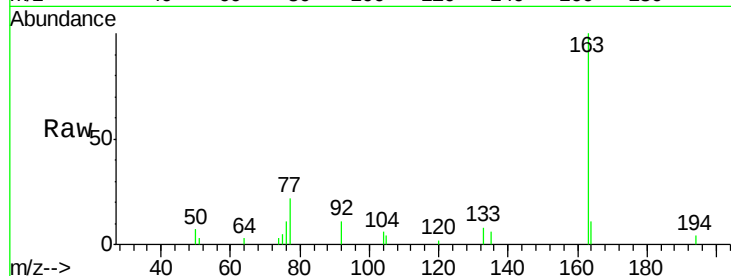




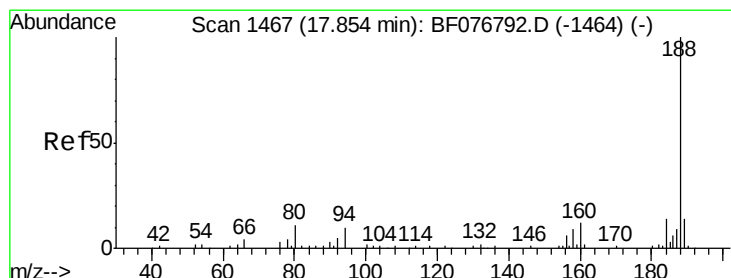
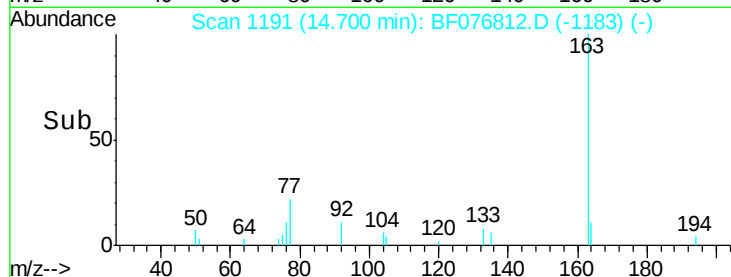
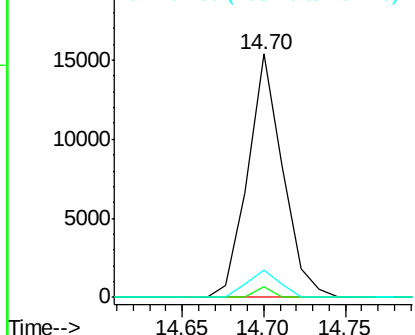
#49
Dimethylphthalate
Concen: 3.86 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076812.D
Acq: 12 Jan 2015 16:38

Instrument :
BNA_F
ClientSampleId :
FD02

Tgt Ion:163 Resp: 22932
Ion Ratio Lower Upper
163 100
194 4.2 2.3 3.5#
164 11.4 8.3 12.5

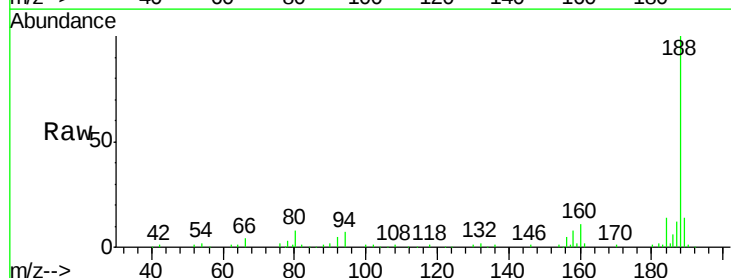


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

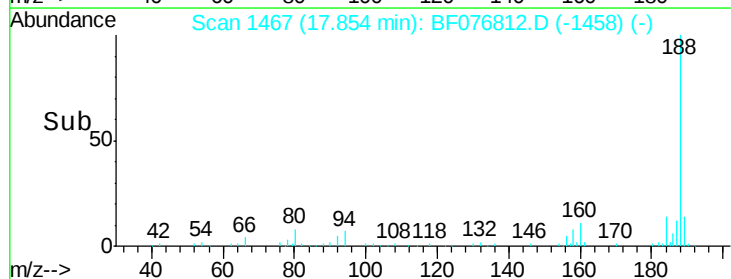
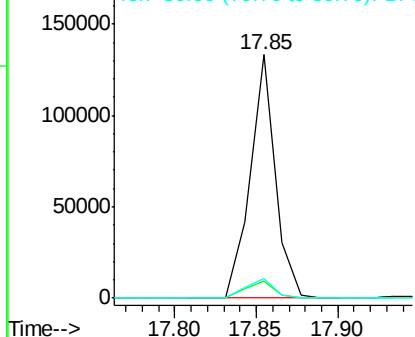


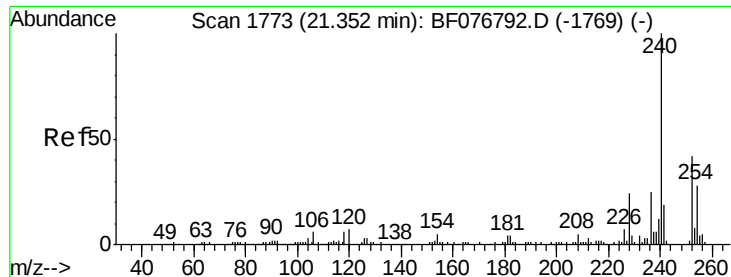
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076812.D
Acq: 12 Jan 2015 16:38

Tgt Ion:188 Resp: 142904
Ion Ratio Lower Upper
188 100
94 7.2 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: BF076812.D

Acq: 12 Jan 2015 16:38

Instrument :

BNA_F

ClientSampleId :

FD02

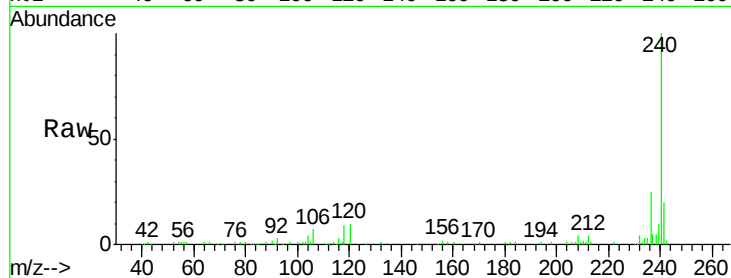
Tgt Ion:240 Resp: 121792

Ion Ratio Lower Upper

240 100

120 9.9 5.7 8.5#

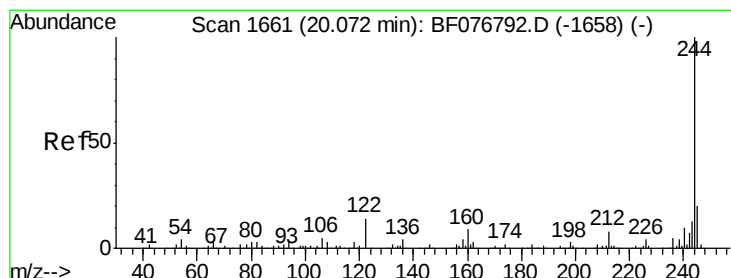
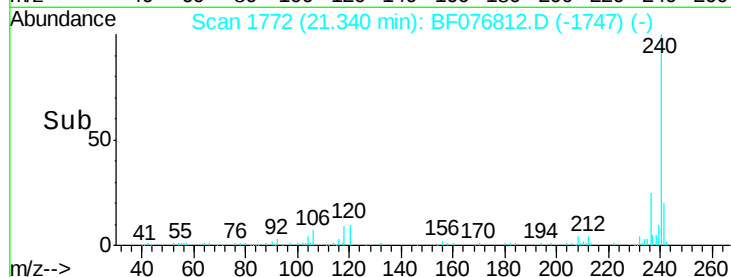
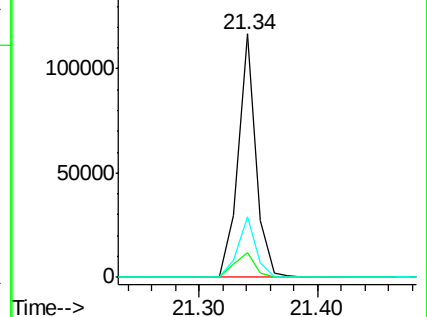
236 24.7 19.7 29.5



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: 47.91 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076812.D

Acq: 12 Jan 2015 16:38

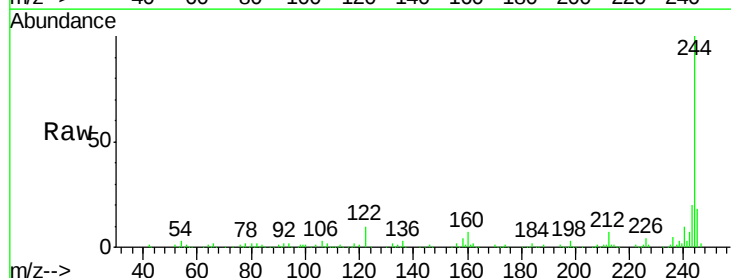
Tgt Ion:244 Resp: 265765

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

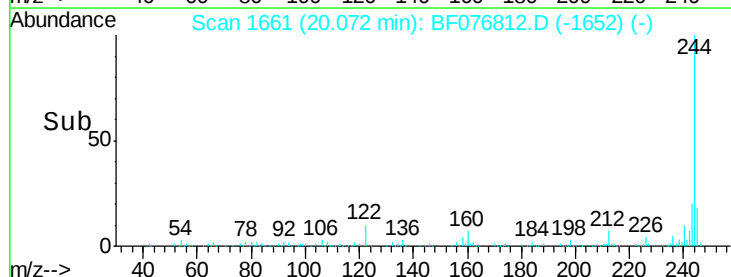
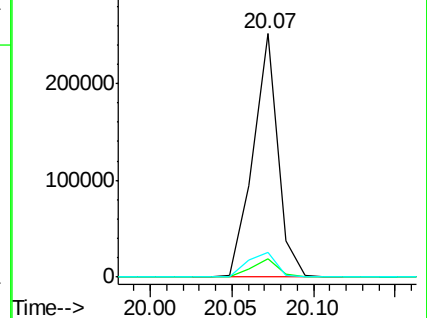
122 10.0 11.3 16.9#

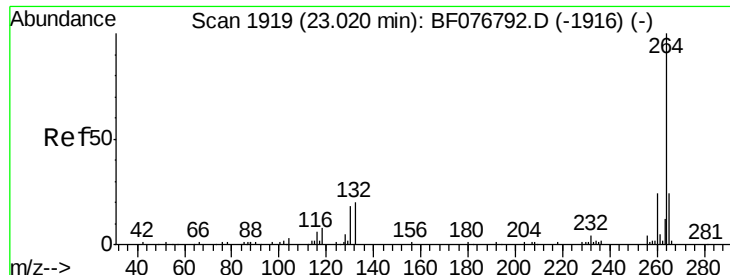


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

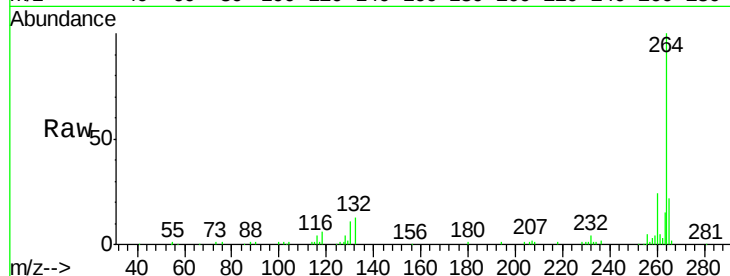




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.08 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF076812.D
Acq: 12 Jan 2015 16:38

Instrument :
BNA_F
ClientSampleId :
FD02

Tgt Ion: 264 Resp: 111144
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.6 18.9 28.3



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

