

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076813.D
 Acq On : 12 Jan 2015 17:13
 Operator : IZ / TP
 Sample : G1056-02
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-014

Quant Time: Jan 13 00:34:52 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

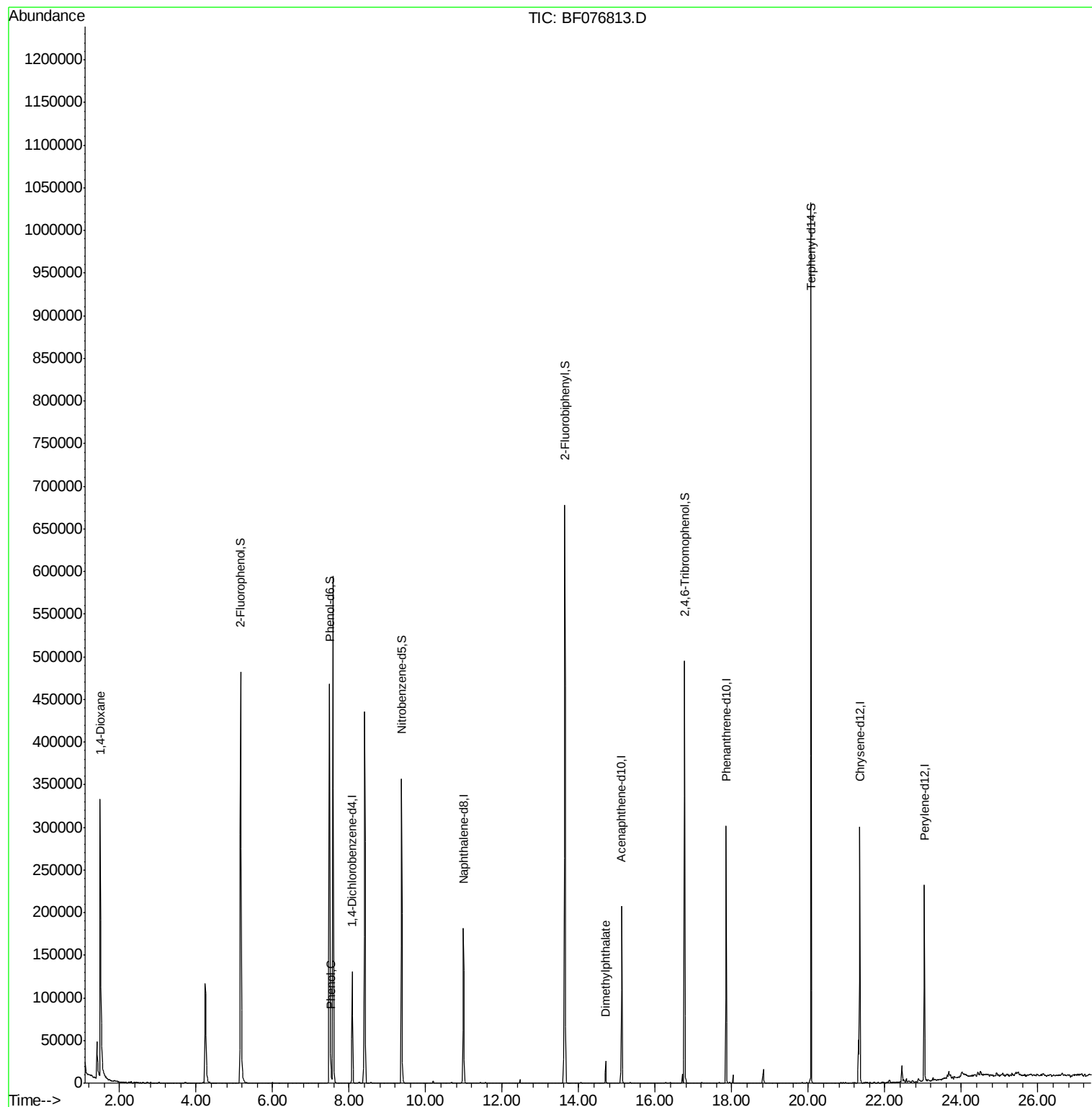
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32895	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	141025	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	78147	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	134543	20.00	ng	0.00
75) Chrysene-d12	21.34	240	116308	20.00	ng	-0.01
86) Perylene-d12	23.03	264	107320	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	233851	118.63	ng	-0.01
7) Phenol-d6	7.49	99	300791	121.20	ng	-0.01
23) Nitrobenzene-d5	9.37	82	178128	70.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	71330	109.36	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	362590	68.29	ng	-0.01
78) Terphenyl-d14	20.07	244	358701	67.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.49	88	13540	16.11	ng	# 14
10) Phenol	7.51	94	7258	2.68	ng	# 75
49) Dimethylphthalate	14.70	163	20192	3.56	ng	# 93

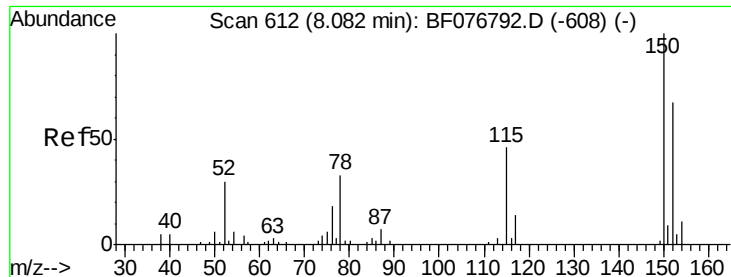
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF076813.D

Acq: 12 Jan 2015 17:13

Instrument :

BNA_F

ClientSampleId :

FS-014

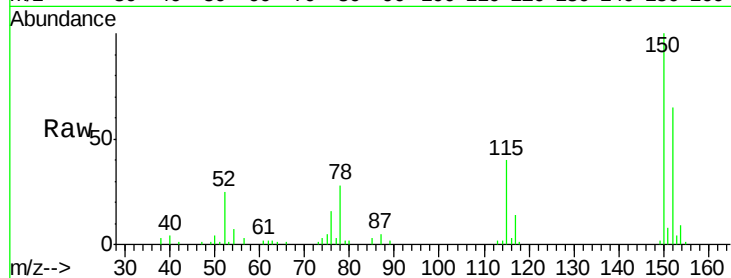
Tgt Ion:152 Resp: 32895

Ion Ratio Lower Upper

152 100

150 154.3 119.5 179.3

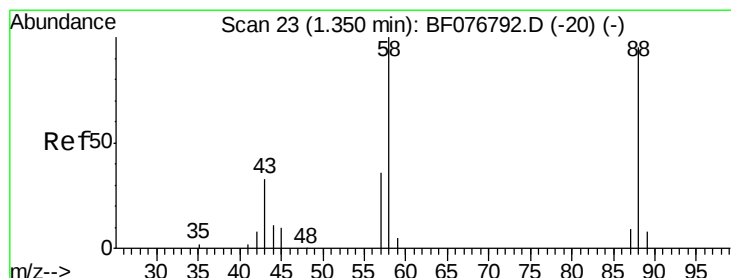
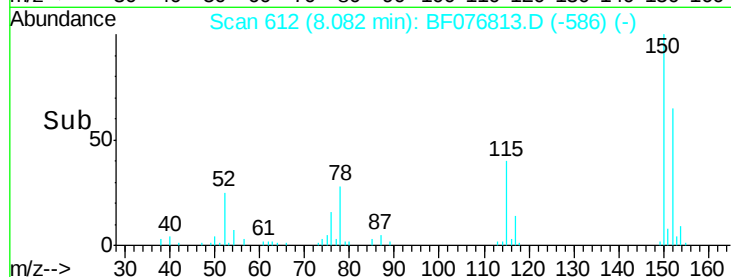
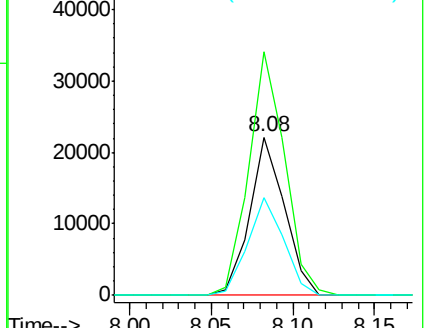
115 61.7 54.6 81.8



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: 16.11 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076813.D

Acq: 12 Jan 2015 17:13

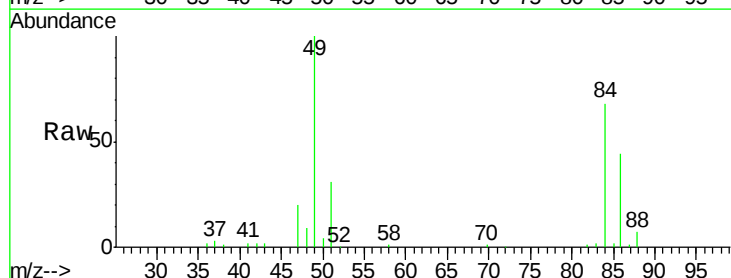
Tgt Ion: 88 Resp: 13540

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

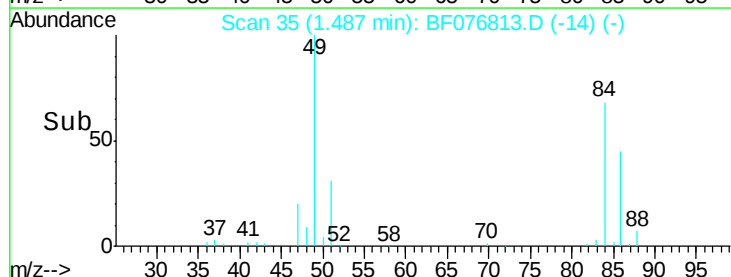
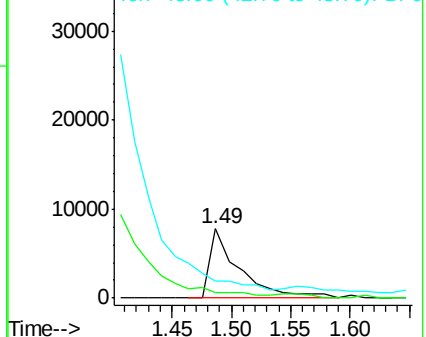
43 0.0 24.0 36.0#

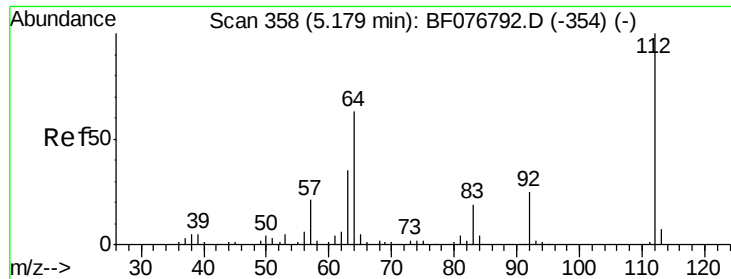


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 118.63 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076813.D

Acq: 12 Jan 2015 17:13

Instrument :

BNA_F

ClientSampleId :

FS-014

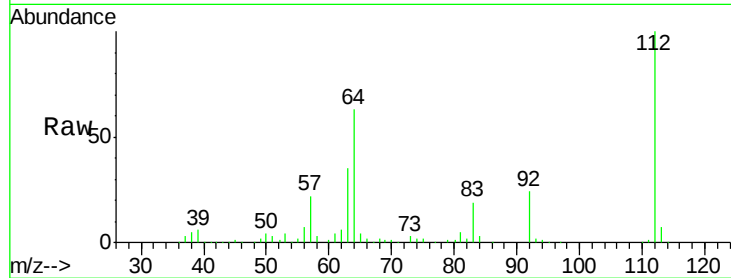
Tgt Ion: 112 Resp: 233851

Ion Ratio Lower Upper

112 100

64 63.4 50.2 75.4

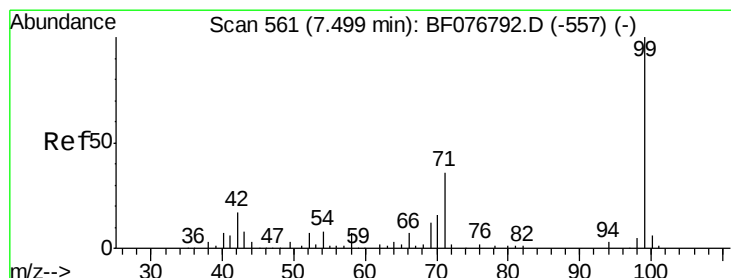
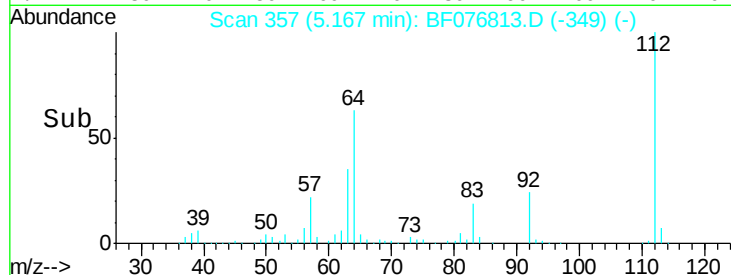
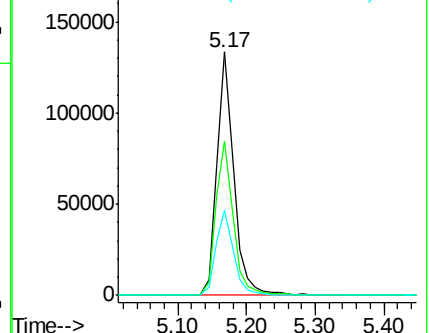
63 35.0 27.8 41.6



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: 121.20 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076813.D

Acq: 12 Jan 2015 17:13

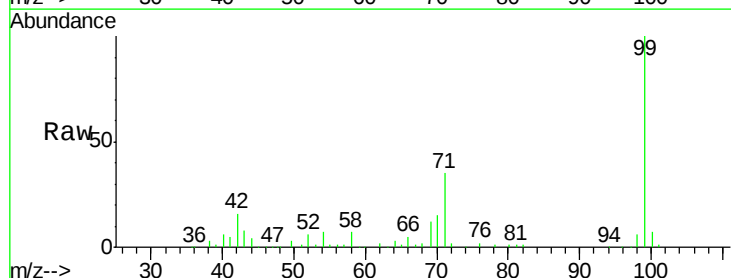
Tgt Ion: 99 Resp: 300791

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

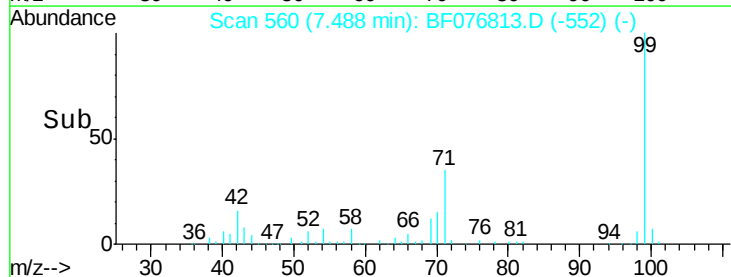
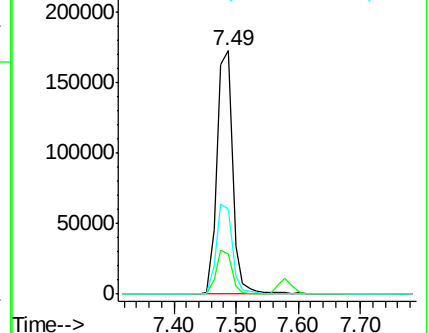
71 35.1 29.2 43.8

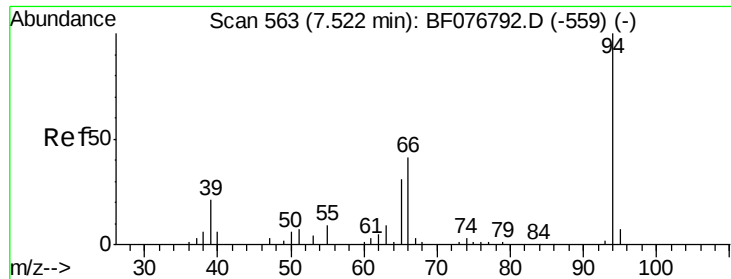


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

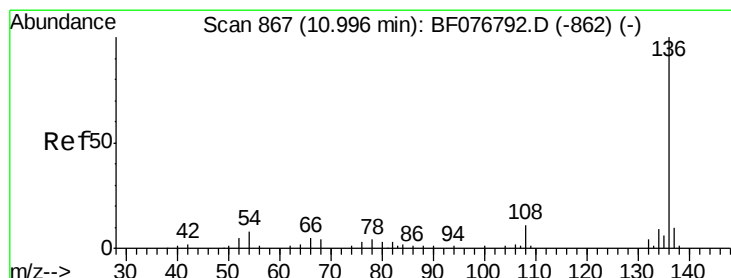
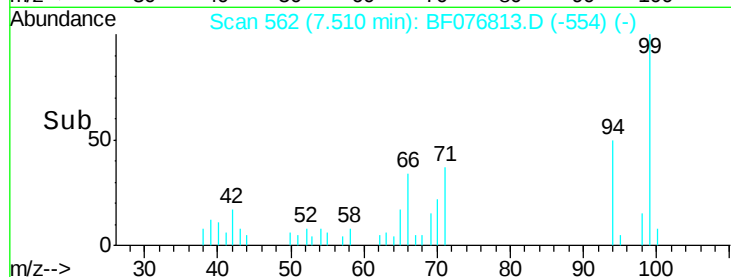
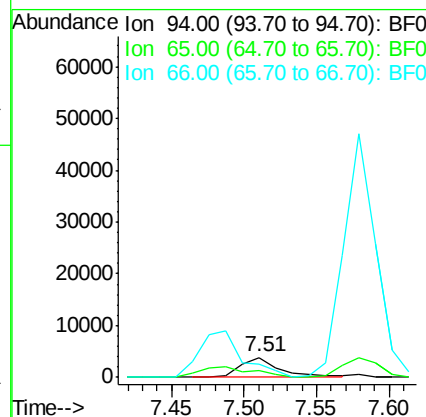
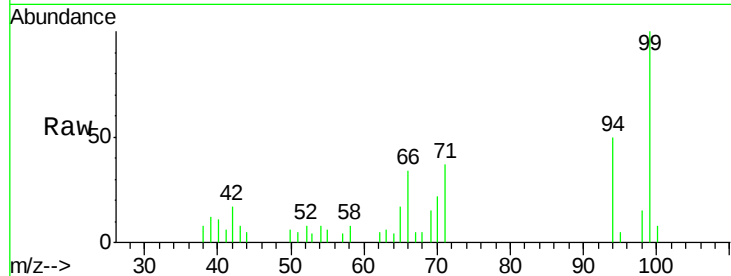




#10
Phenol
Concen: 2.68 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

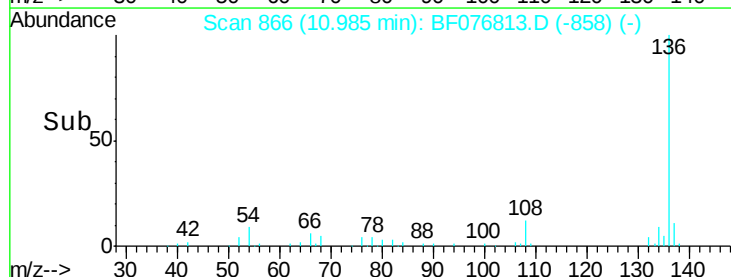
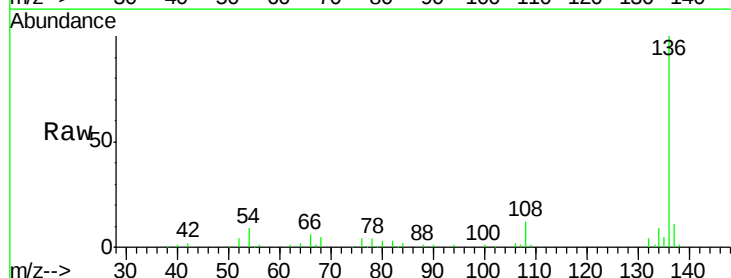
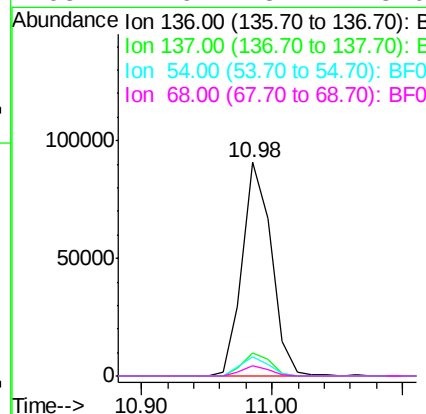
Instrument :
BNA_F
ClientSampleId :
FS-014

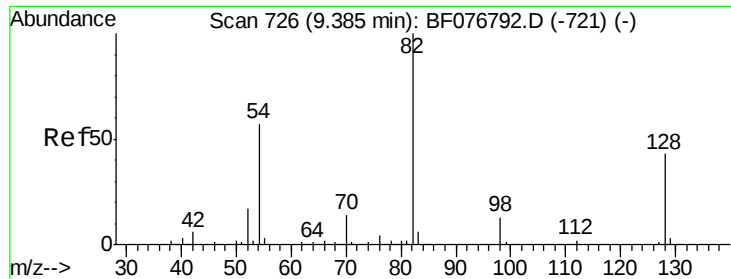
Tgt Ion: 94 Resp: 7258
Ion Ratio Lower Upper
94 100
65 33.7 11.6 51.6
66 67.8 22.3 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

Tgt Ion: 136 Resp: 141025
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.8 6.3 9.5
68 4.6 3.4 5.0

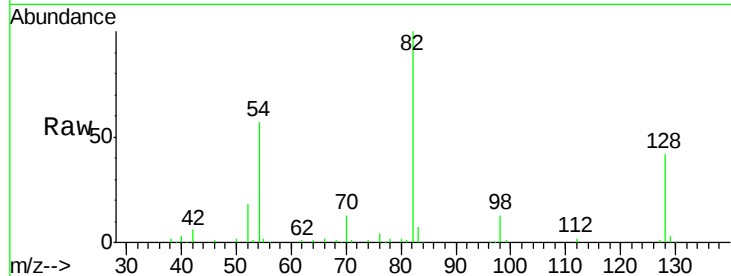




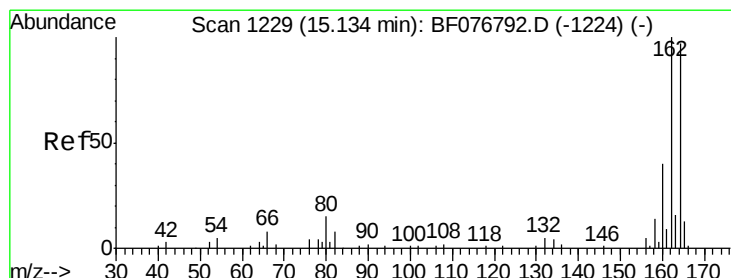
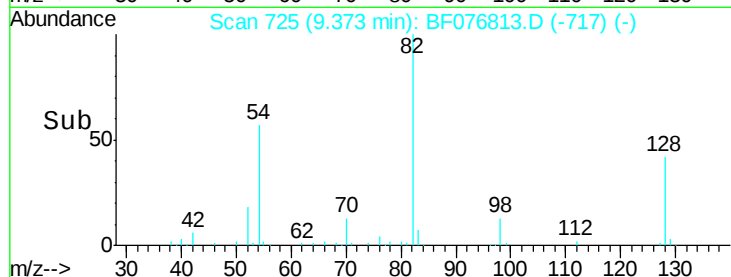
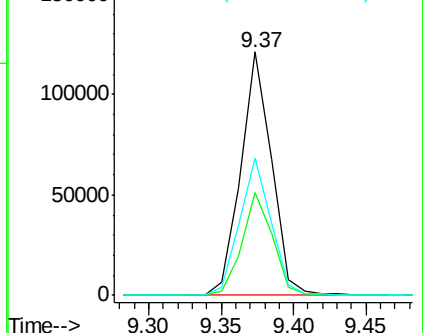
#23
Nitrobenzene-d5
Concen: 70.19 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

Instrument :
BNA_F
ClientSampleId :
FS-014

Tgt Ion: 82 Resp: 178128
Ion Ratio Lower Upper
82 100
128 42.5 34.0 51.0
54 56.6 45.6 68.4

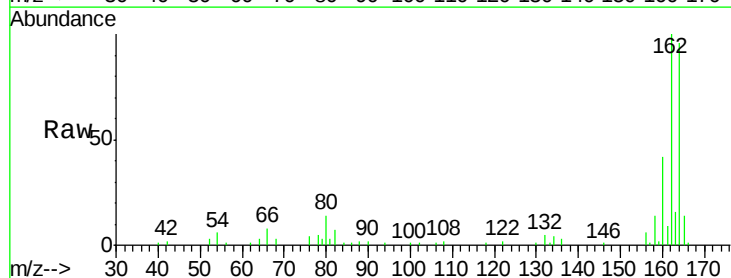


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

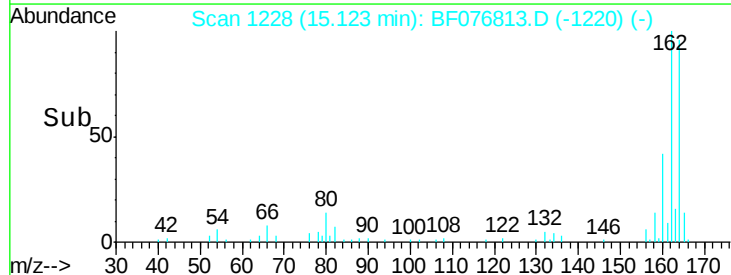
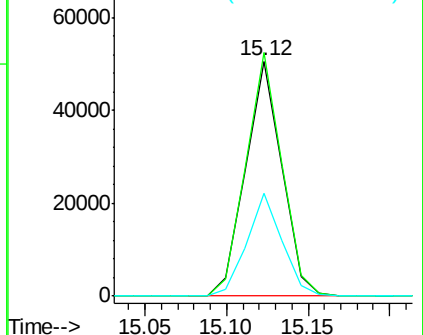


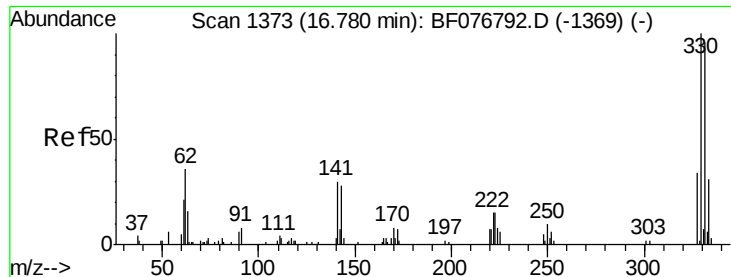
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

Tgt Ion: 164 Resp: 78147
Ion Ratio Lower Upper
164 100
162 103.7 82.5 123.7
160 44.0 33.1 49.7



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





#41

2,4,6-Tribromophenol

Concen: 109.36 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076813.D

Acq: 12 Jan 2015 17:13

Instrument :

BNA_F

ClientSampleId :

FS-014

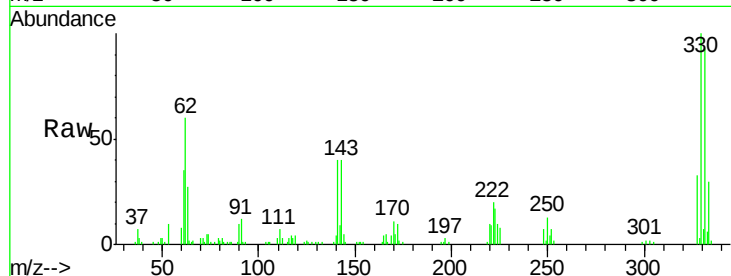
Tgt Ion:330 Resp: 71330

Ion Ratio Lower Upper

330 100

332 94.2 74.8 112.2

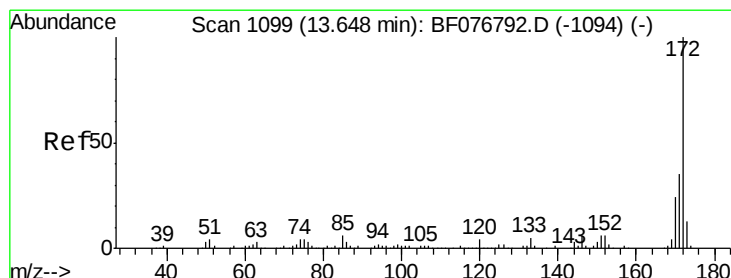
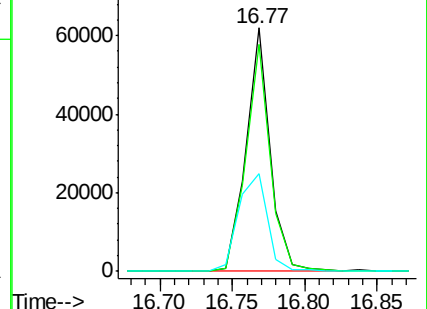
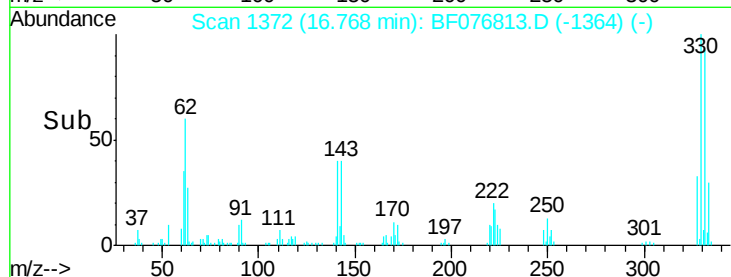
141 48.1 42.4 63.6



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: 68.29 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076813.D

Acq: 12 Jan 2015 17:13

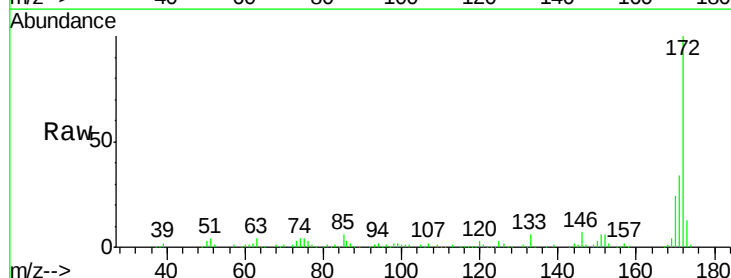
Tgt Ion:172 Resp: 362590

Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.8

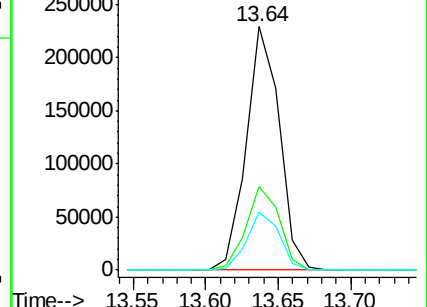
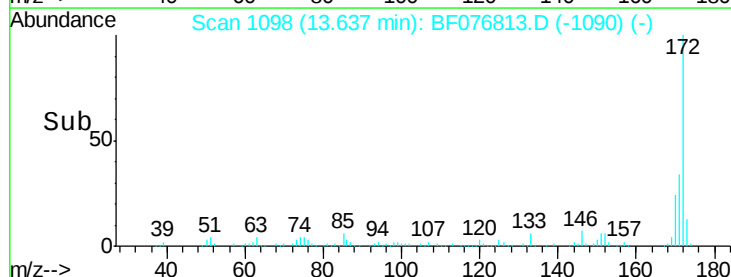
170 23.9 18.8 28.2

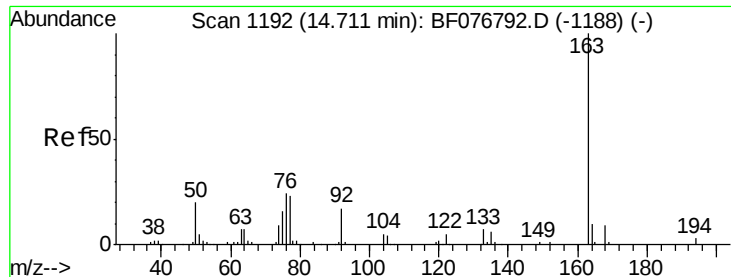


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

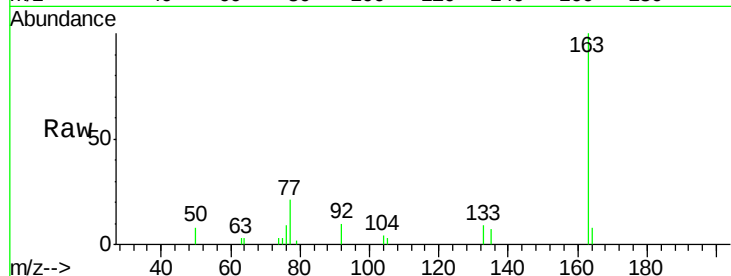




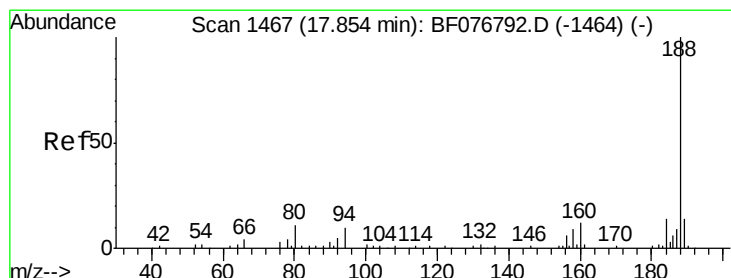
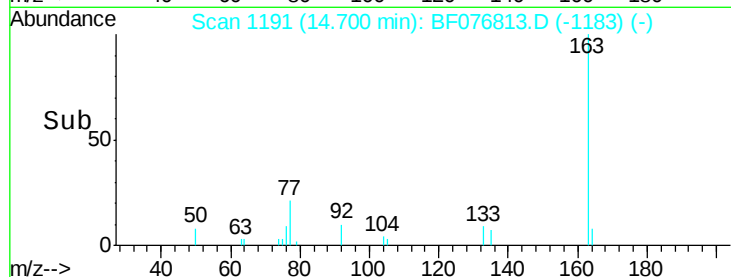
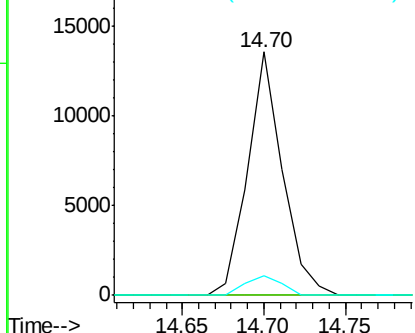
#49
Dimethylphthalate
Concen: 3.56 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

Instrument :
BNA_F
ClientSampleId :
FS-014

Tgt Ion:163 Resp: 20192
Ion Ratio Lower Upper
163 100
194 0.0 2.3 3.5#
164 7.9 8.3 12.5#

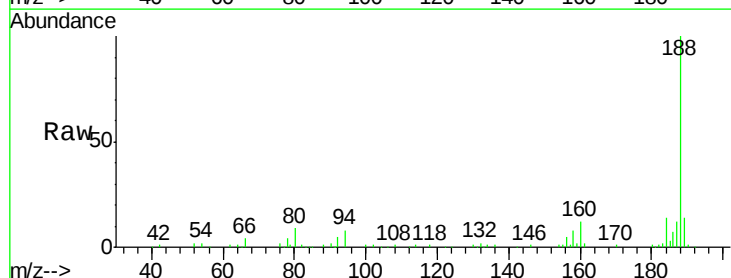


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

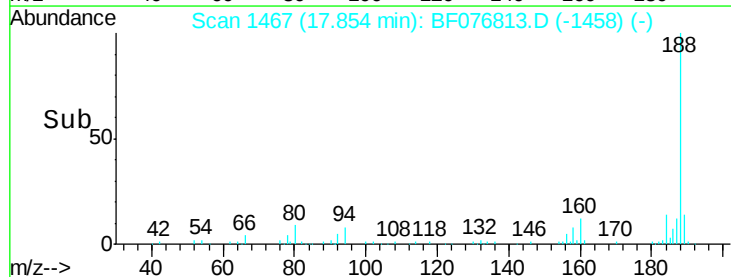
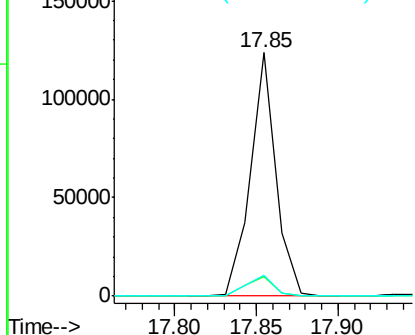


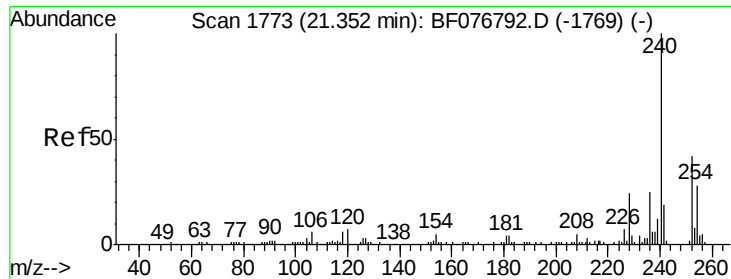
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

Tgt Ion:188 Resp: 134543
Ion Ratio Lower Upper
188 100
94 8.0 7.8 11.6
80 8.7 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: BF076813.D

Acq: 12 Jan 2015 17:13

Instrument :

BNA_F

ClientSampleId :

FS-014

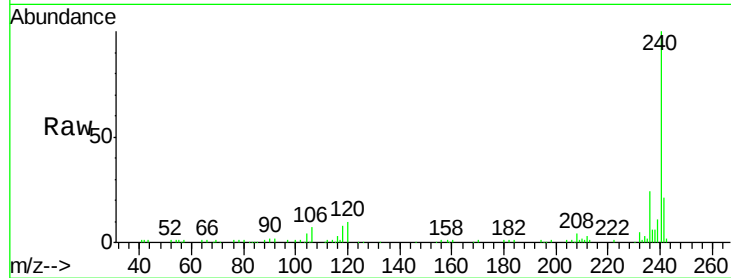
Tgt Ion:240 Resp: 116308

Ion Ratio Lower Upper

240 100

120 10.1 5.7 8.5#

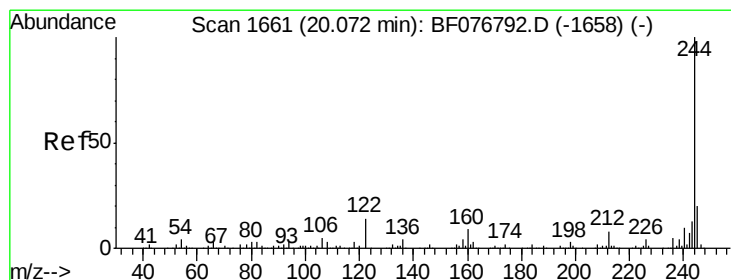
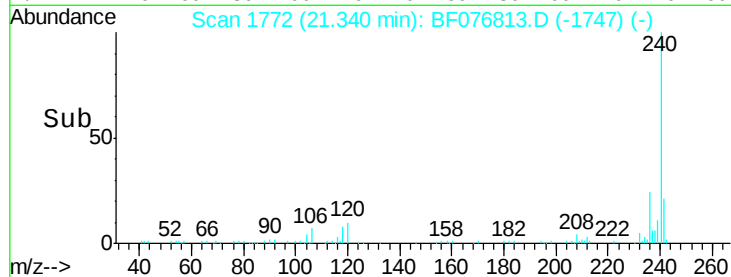
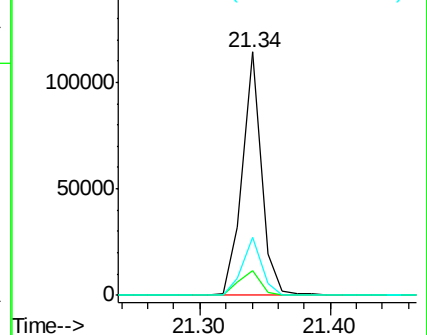
236 24.0 19.7 29.5



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: 67.71 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076813.D

Acq: 12 Jan 2015 17:13

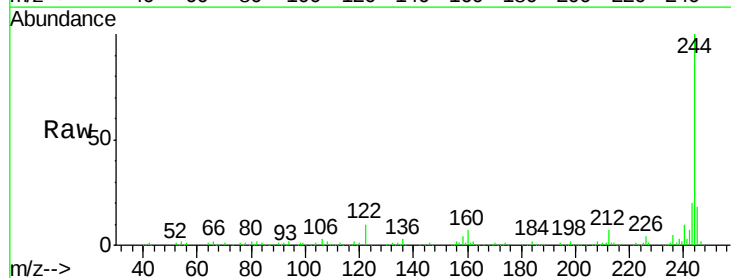
Tgt Ion:244 Resp: 358701

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

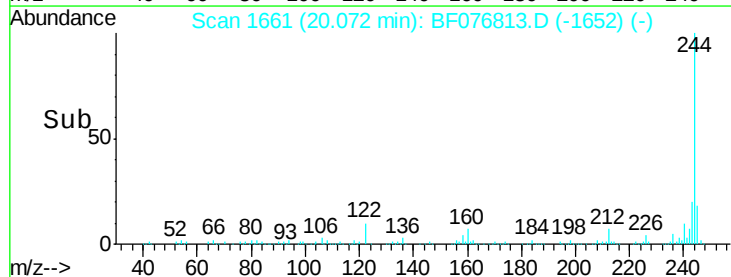
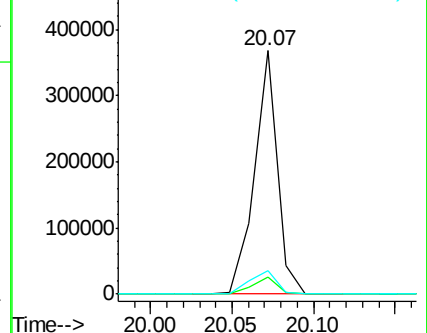
122 9.7 11.3 16.9#

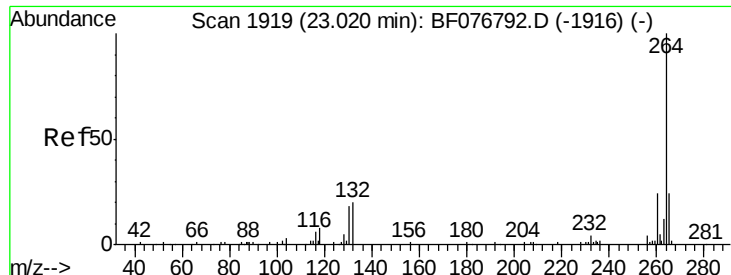


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.03 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BF076813.D
Acq: 12 Jan 2015 17:13

Instrument :
BNA_F
ClientSampleId :
FS-014

Tgt Ion: 264 Resp: 107320
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.0
265 21.9 18.9 28.3

