

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077031.D
 Acq On : 23 Jan 2015 4:34
 Operator : TP/IZ
 Sample : G1148-01
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

Quant Time: Jan 23 10:35:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 03:40:26 2015
 Response via : Initial Calibration

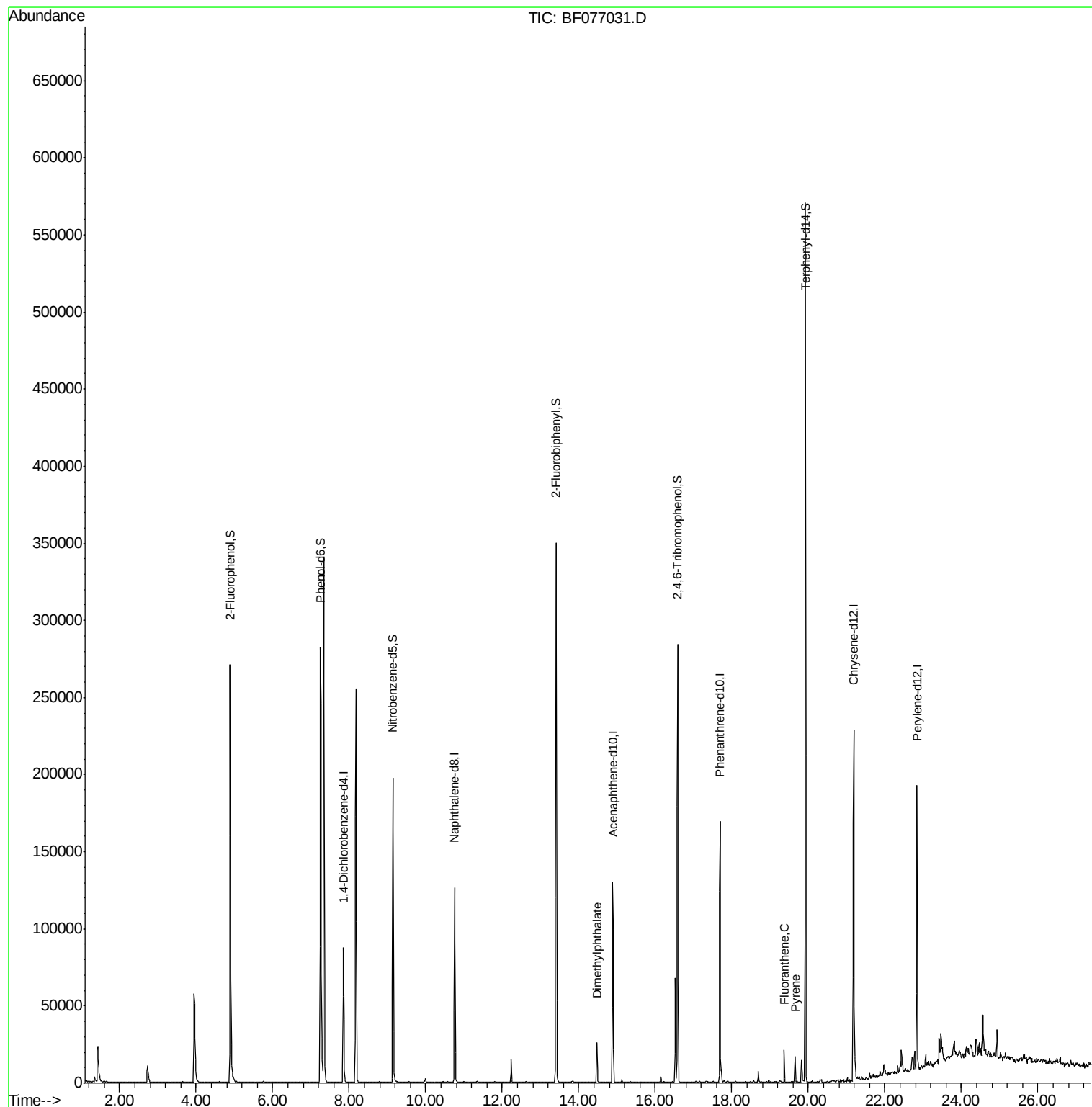
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	24429	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	102011	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	54055	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	90044	20.00	ng	0.00
75) Chrysene-d12	21.19	240	82714	20.00	ng	0.00
86) Perylene-d12	22.84	264	78967	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	141140	94.99	ng	0.00
7) Phenol-d6	7.25	99	184441	98.40	ng	-0.01
23) Nitrobenzene-d5	9.14	82	113086	61.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	41997	95.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	204932	57.69	ng	-0.01
78) Terphenyl-d14	19.92	244	211559	58.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.48	163	21673	5.65	ng	98
74) Fluoranthene	19.37	202	13414	2.33	ng	100
77) Pyrene	19.66	202	11714	2.07	ng	95

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

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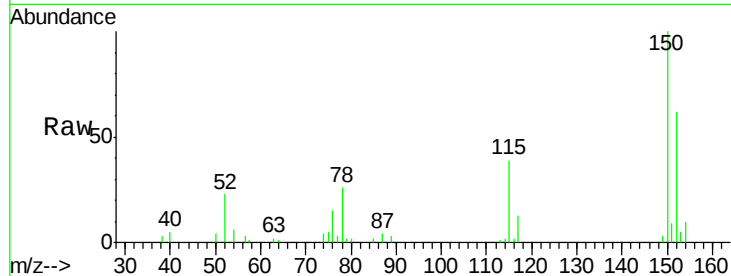


#1

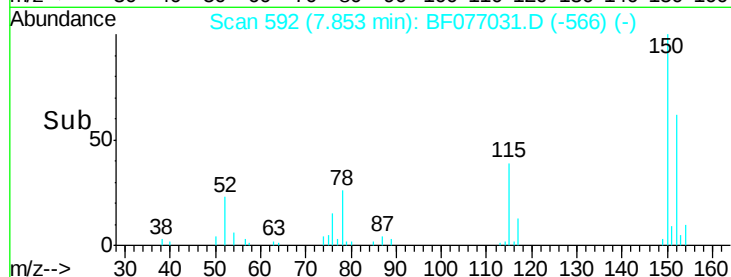
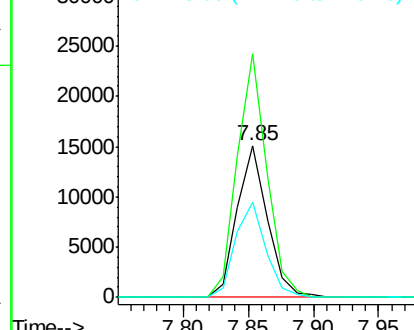
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-A

Tot Ion:152 Resp: 24429
Ion Ratio Lower Upper
152 100
150 160.4 121.7 182.5
115 62.9 47.0 70.6



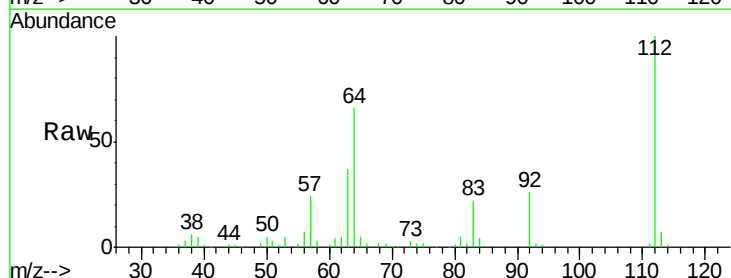
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



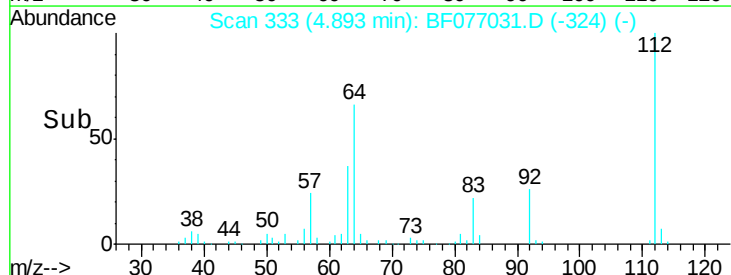
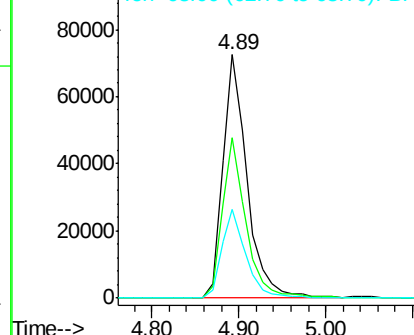
#5

2-Fluorophenol
Concen: 94.99 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Tgt Ion:112 Resp: 141140
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 36.7 28.4 42.6



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: 98.40 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-A

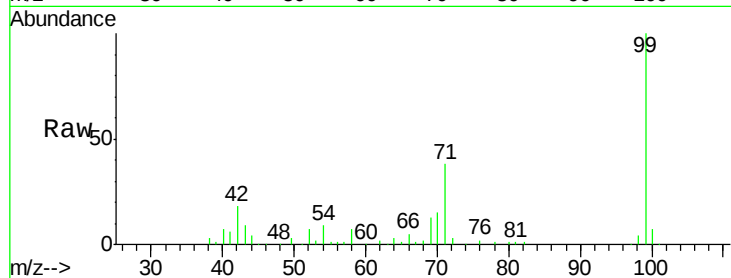
Tot Ion: 99 Resp: 184441

Ion Ratio Lower Upper

99 100

42 18.4 15.0 22.4

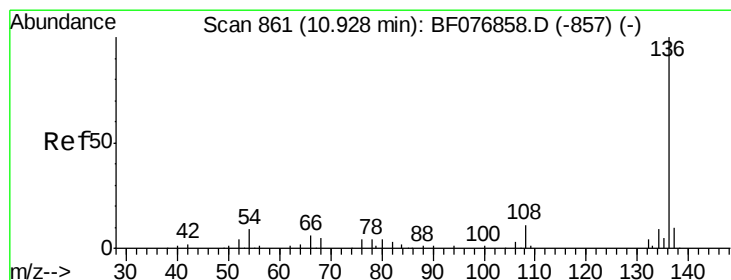
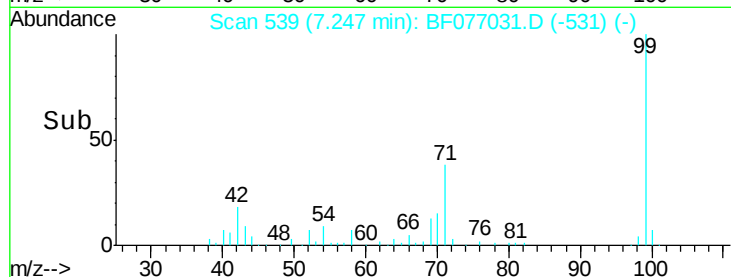
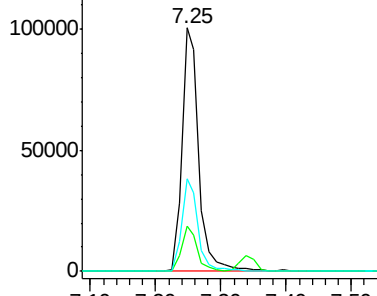
71 37.9 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

Tgt Ion: 136 Resp: 102011

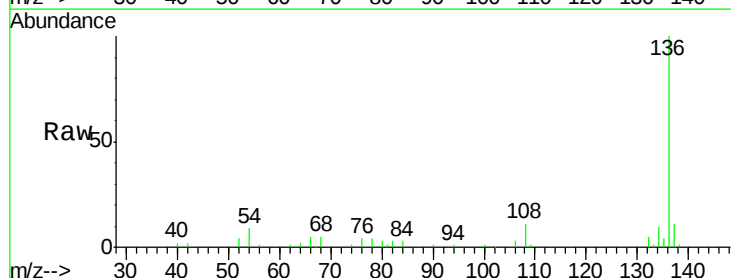
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.6 7.0 10.4

68 4.9 3.7 5.5

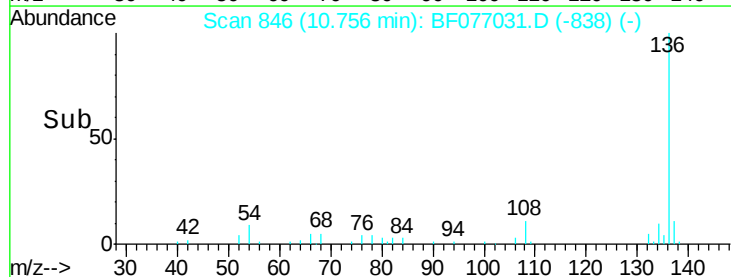
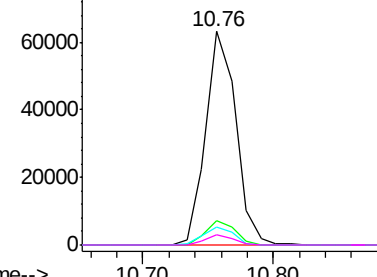


Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

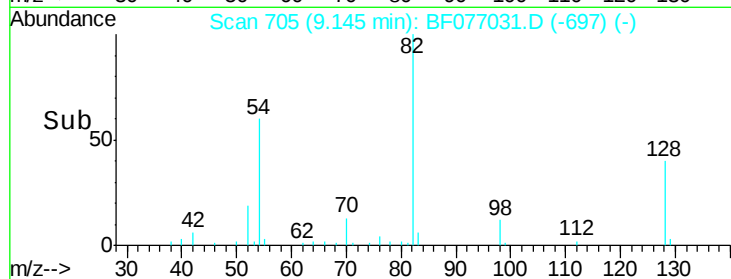
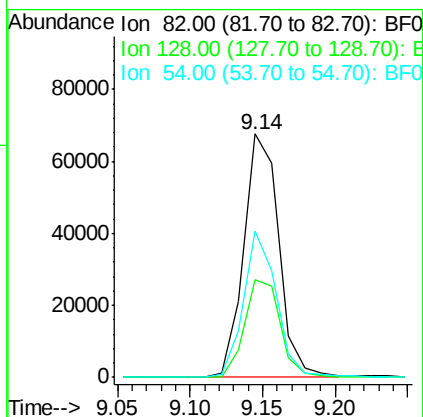
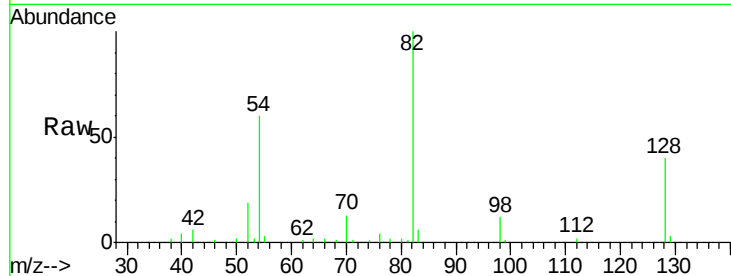




#23
 Nitrobenzene-d5
 Concen: 61.42 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

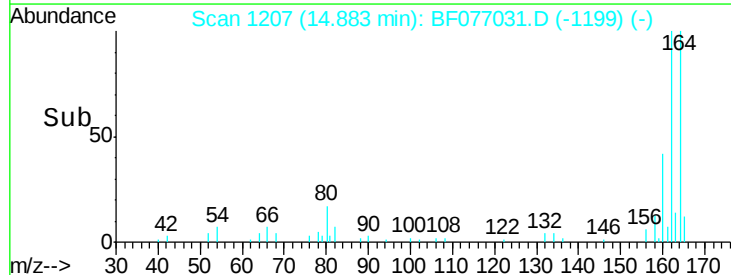
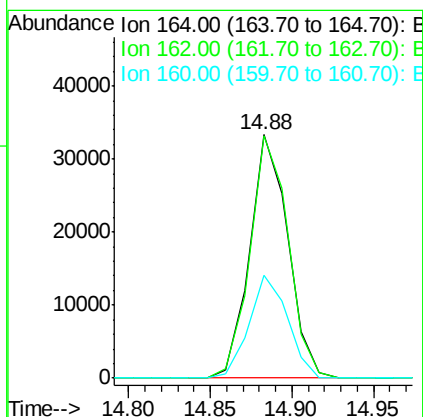
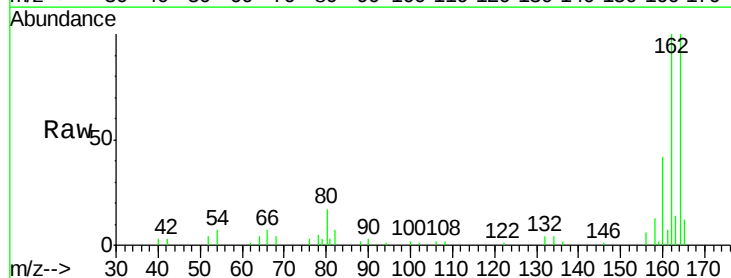
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

Tot Ion: 82 Resp: 113086
 Ion Ratio Lower Upper
 82 100
 128 40.1 33.1 49.7
 54 60.3 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Tgt Ion: 164 Resp: 54055
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.4 123.6
 160 42.4 34.8 52.2

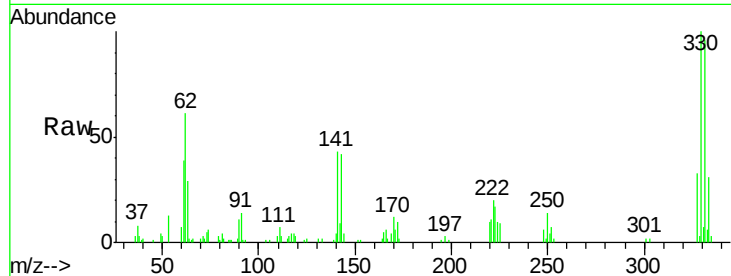




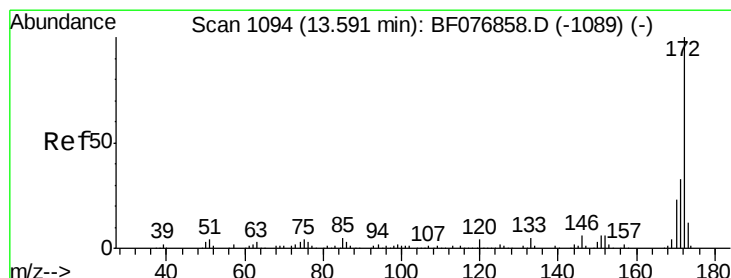
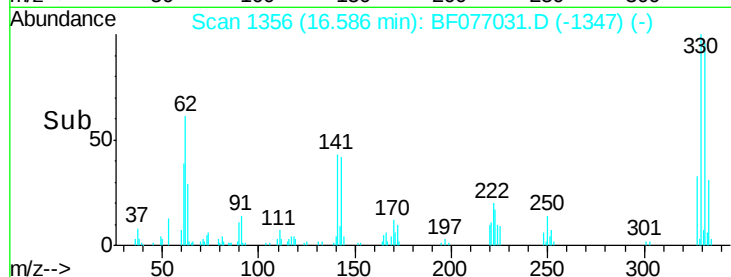
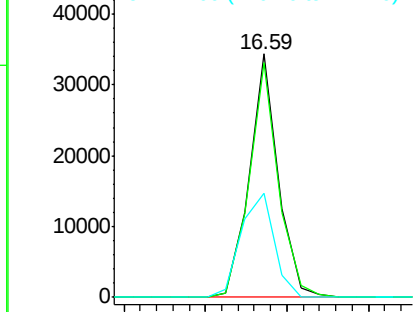
#41
 2,4,6-Tribromophenol
 Concen: 95.71 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

Tot Ion:330 Resp: 41997
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 48.9 38.5 57.7

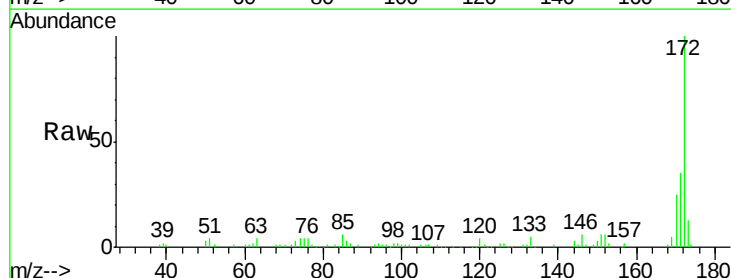


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

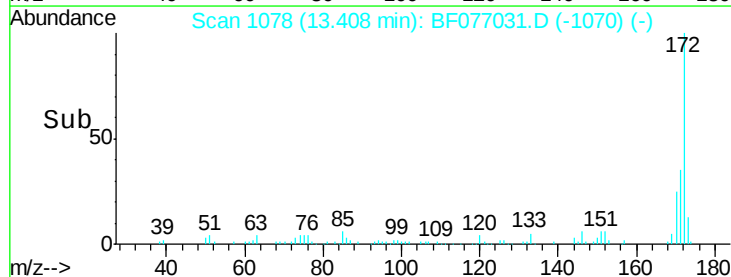
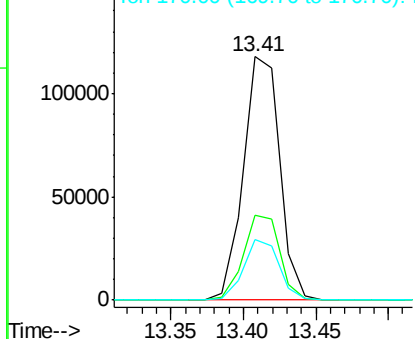


#44
 2-Fluorobiphenyl
 Concen: 57.69 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Tgt Ion:172 Resp: 204932
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 24.7 18.0 27.0



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: 5.65 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-A

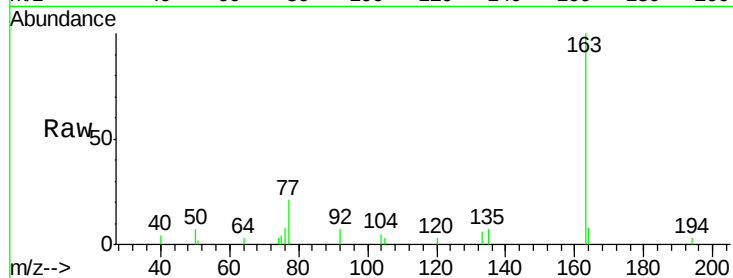
Tot Ion:163 Resp: 21673

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

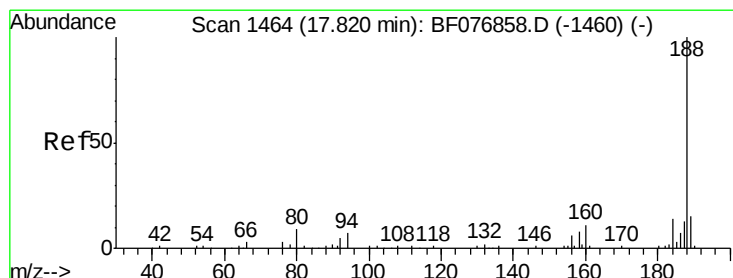
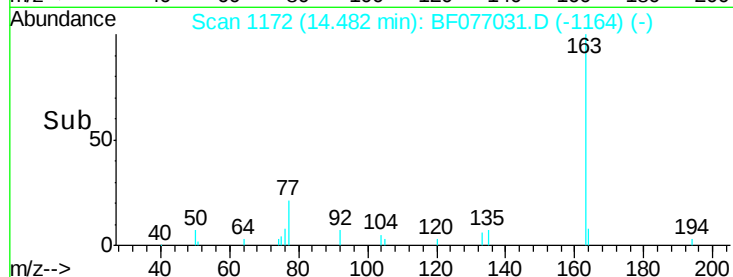
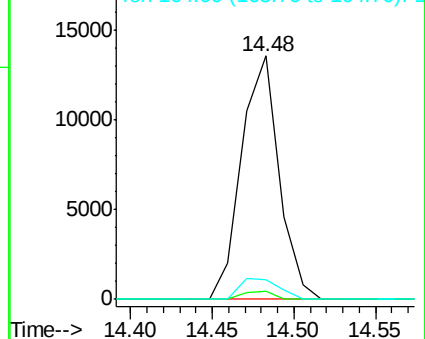
164 8.3 7.5 11.3



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: 17.69 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

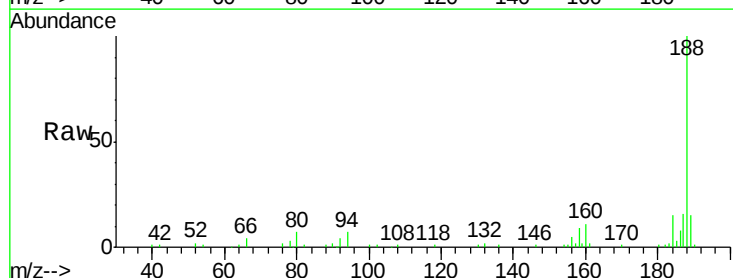
Tgt Ion:188 Resp: 90044

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

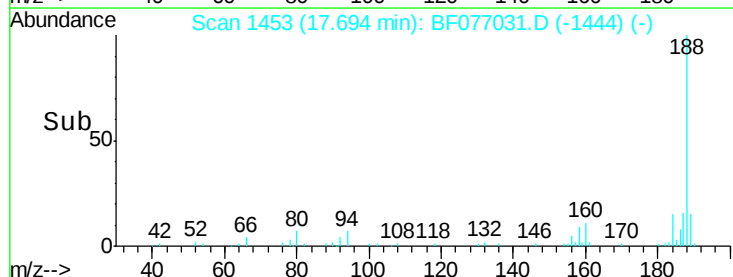
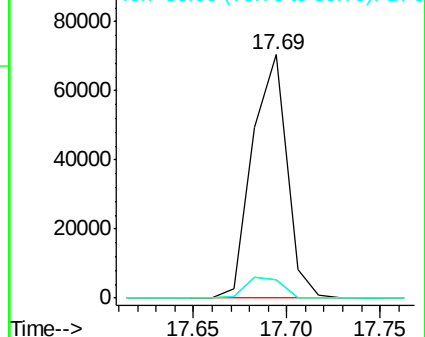
80 7.4 6.9 10.3

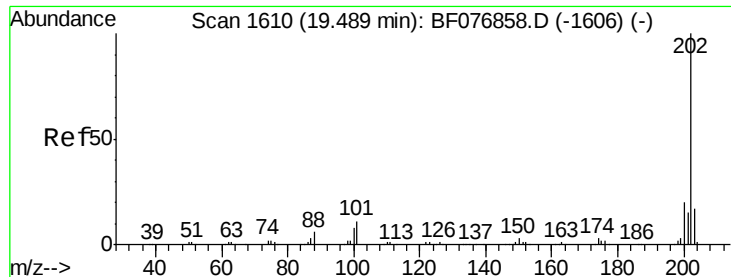


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

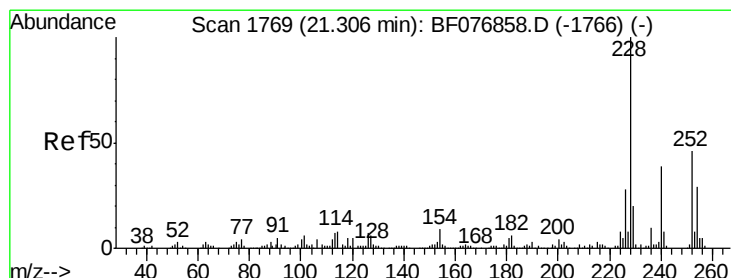
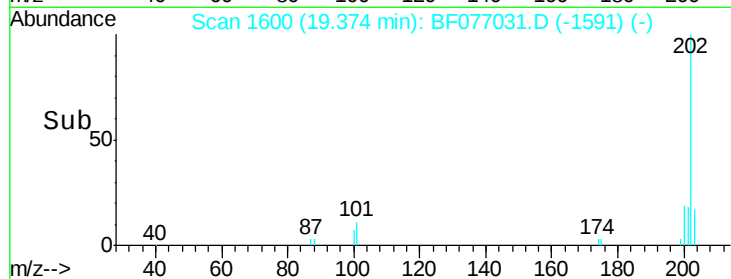
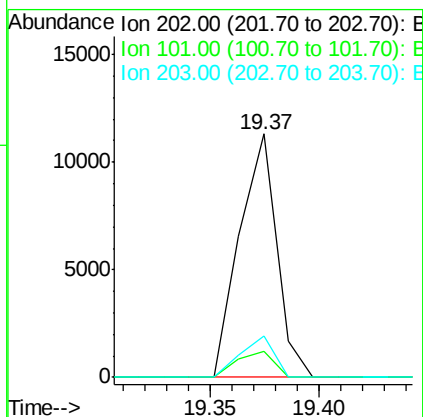
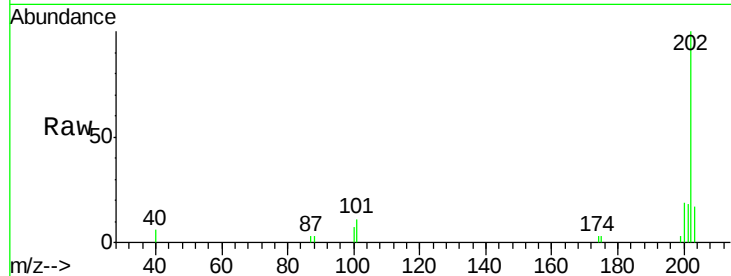




#74
 Fluoranthene
 Concen: 2.33 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

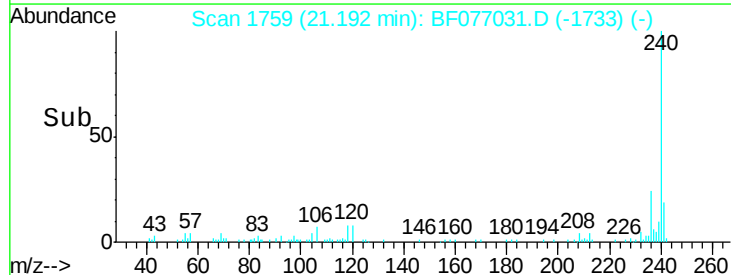
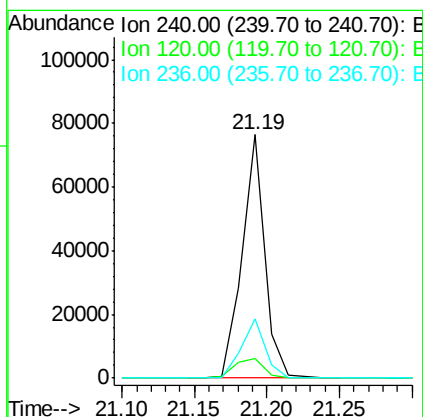
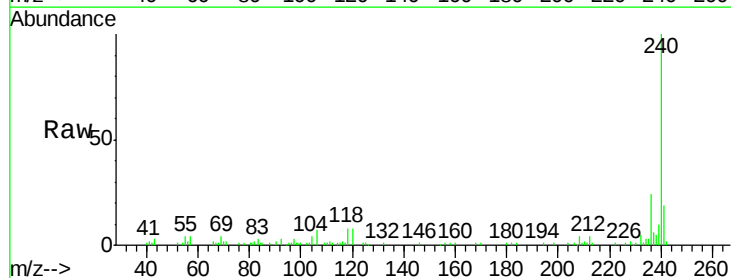
Instrument :
 BNA_F
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 FK-GF-02-004-A

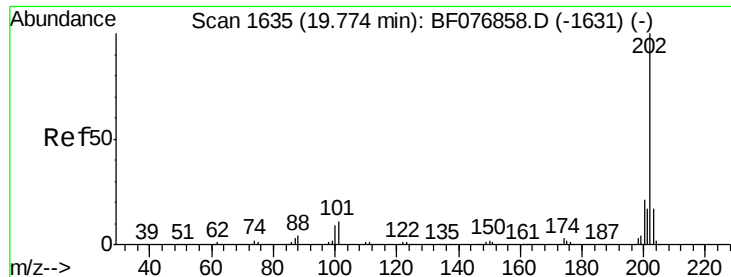
Tot Ion:202 Resp: 13414
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.7
 203 17.1 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Tgt Ion:240 Resp: 82714
 Ion Ratio Lower Upper
 240 100
 120 8.0 10.4 15.6#
 236 24.5 20.2 30.2





#77

Pvrene

Concen: 2.07 ng

RT: 19.66 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-A

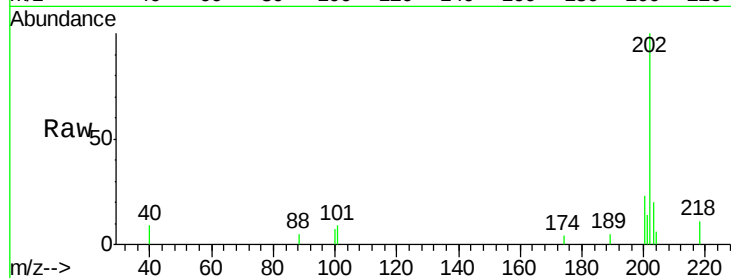
Tot Ion:202 Resp: 11714

Ion Ratio Lower Upper

202 100

200 22.9 16.7 25.1

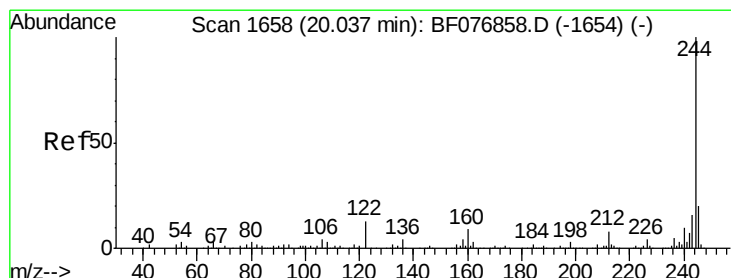
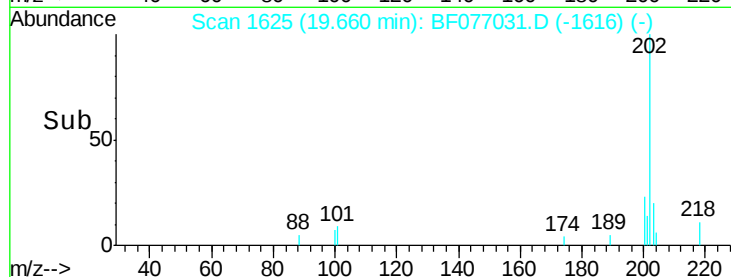
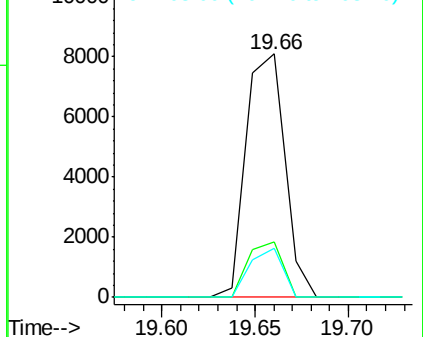
203 20.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.88 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

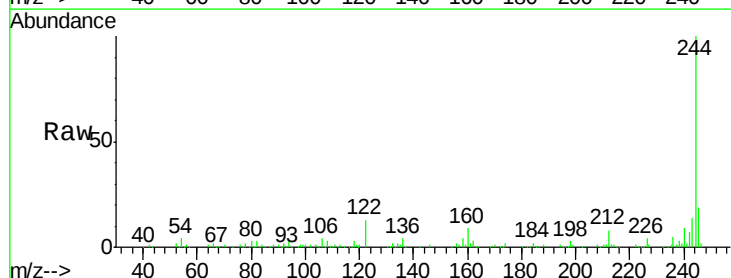
Tgt Ion:244 Resp: 211559

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

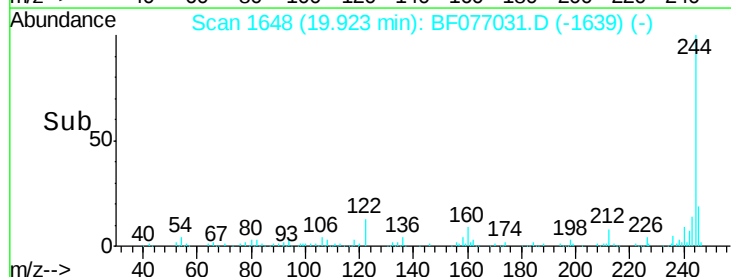
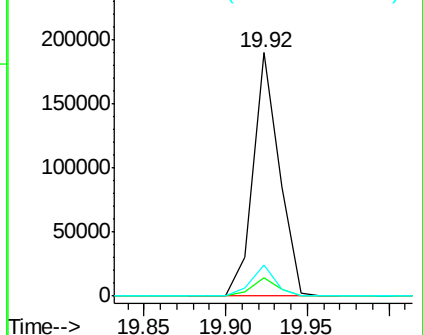
122 12.9 10.1 15.1

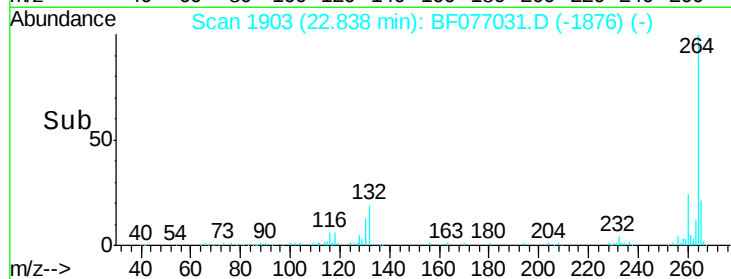
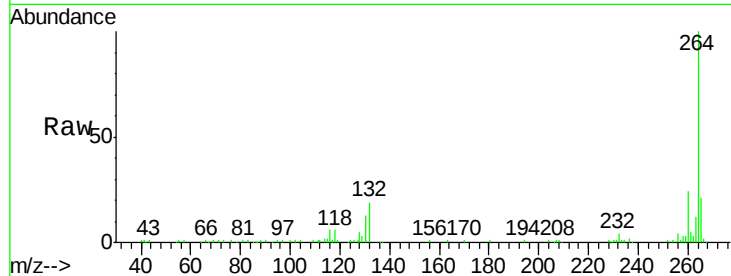
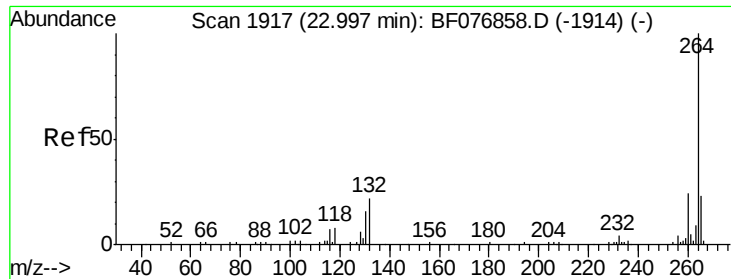


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.84 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.4	18.1	27.1

