

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077032.D
 Acq On : 23 Jan 2015 5:08
 Operator : TP/IZ
 Sample : G1148-03
 Misc : S
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 23 10:37:54 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

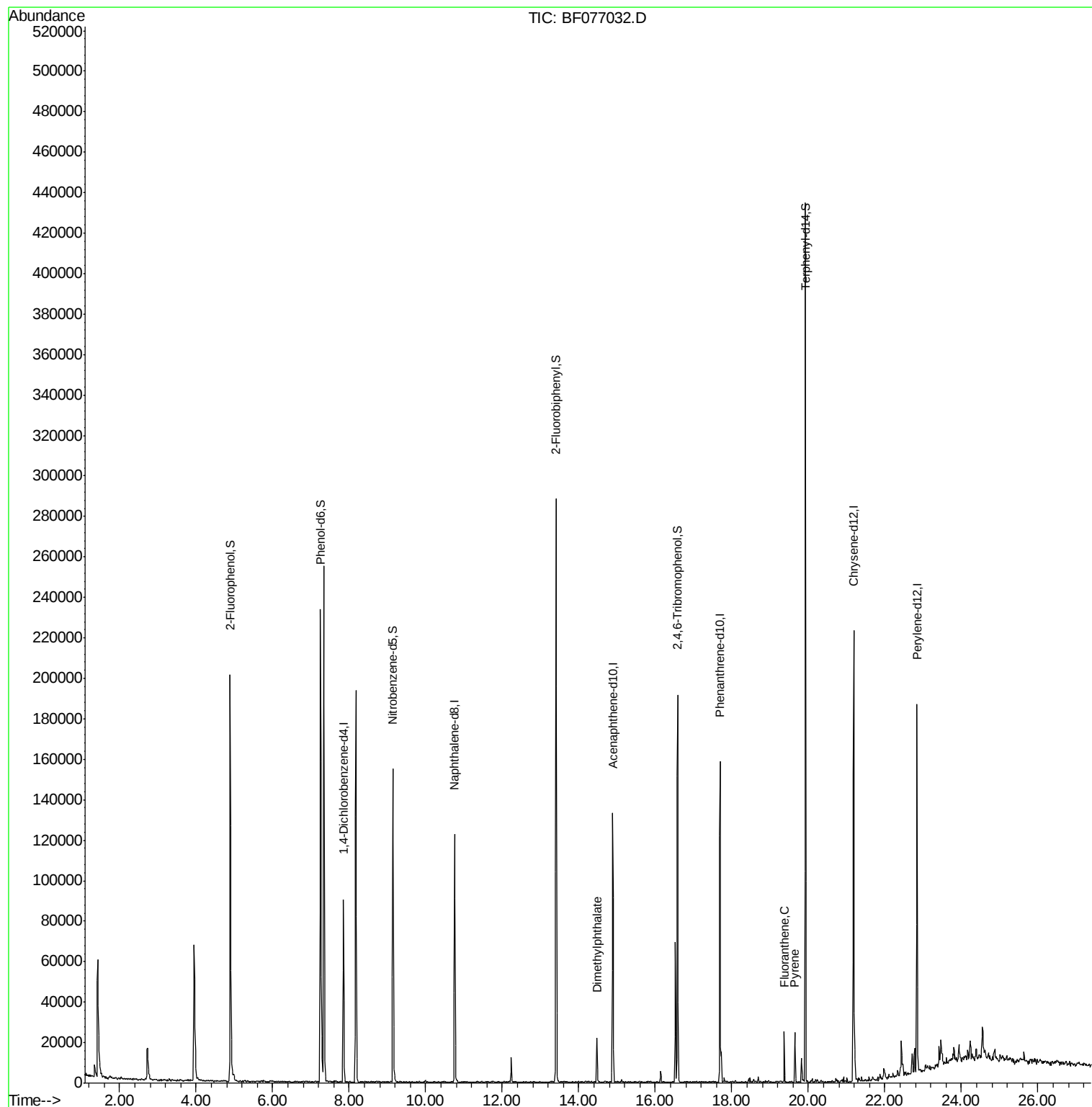
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	24582	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	102107	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	51898	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	87142	20.00	ng	0.00
75) Chrysene-d12	21.19	240	85014	20.00	ng	0.00
86) Perylene-d12	22.84	264	78997	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	108940	72.86	ng	0.00
7) Phenol-d6	7.25	99	140954	74.73	ng	-0.01
23) Nitrobenzene-d5	9.14	82	87186	47.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	30685	72.84	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	157647	46.23	ng	-0.01
78) Terphenyl-d14	19.92	244	152689	41.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.48	163	19905	5.41	ng	99
74) Fluoranthene	19.37	202	16175	2.90	ng	99
77) Pyrene	19.65	202	15150	2.60	ng	96

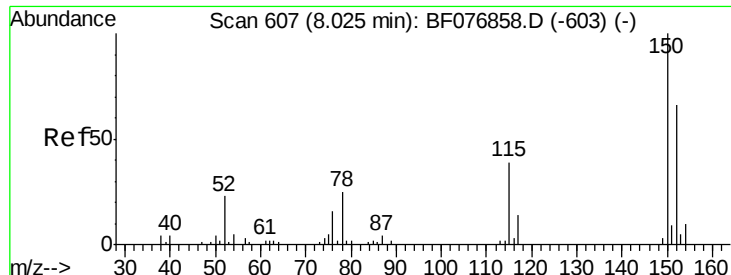
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-B

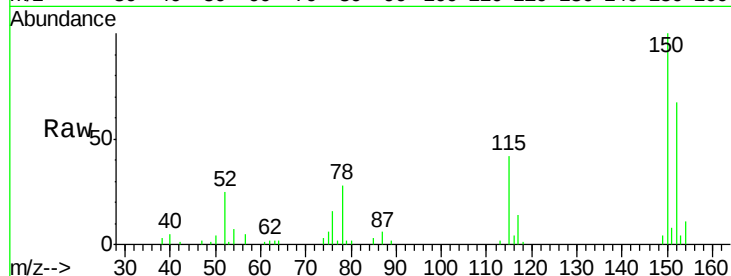
Tot Ion:152 Resp: 24582

Ion Ratio Lower Upper

152 100

150 150.1 121.7 182.5

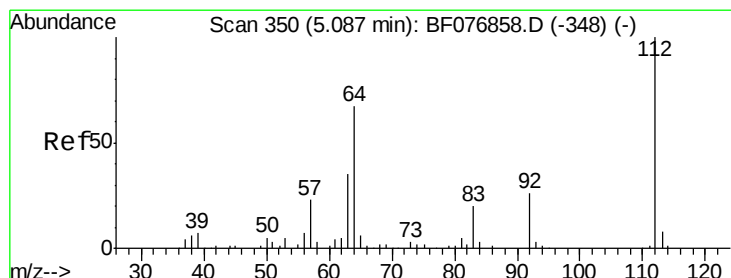
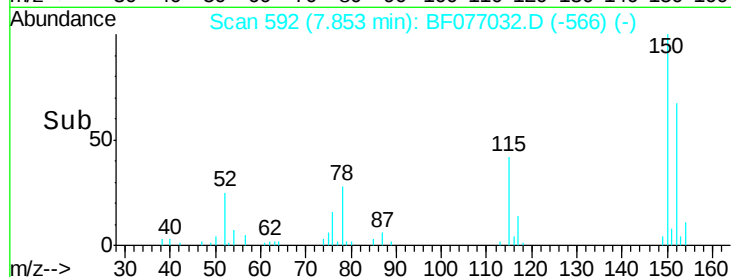
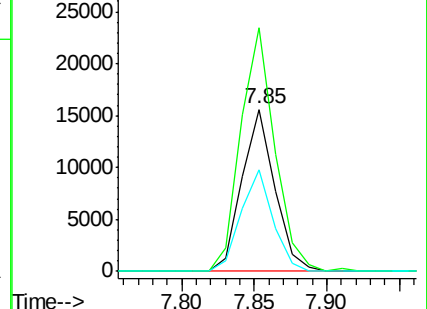
115 62.4 47.0 70.6



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: 72.86 ng

RT: 4.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

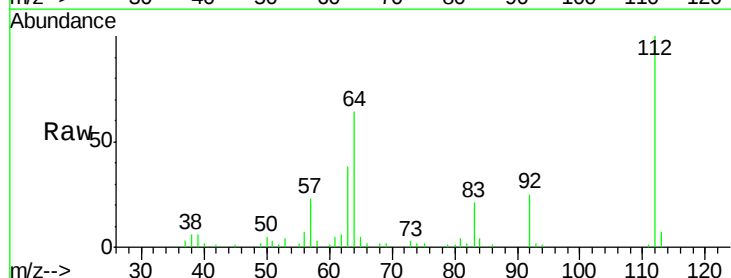
Tgt Ion:112 Resp: 108940

Ion Ratio Lower Upper

112 100

64 63.7 54.2 81.4

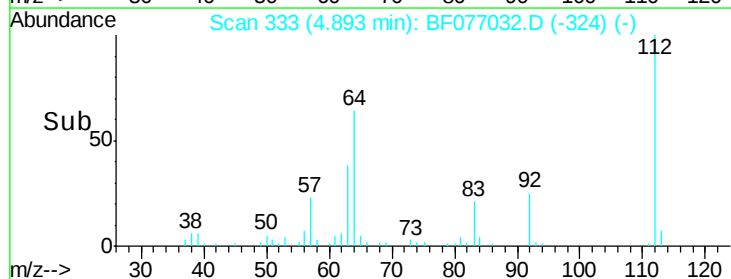
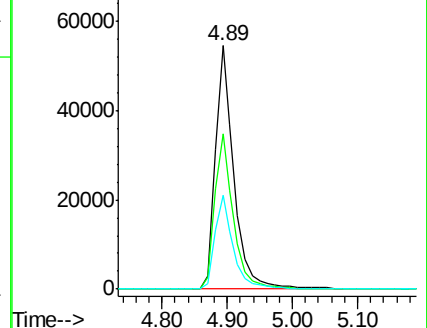
63 38.3 28.4 42.6

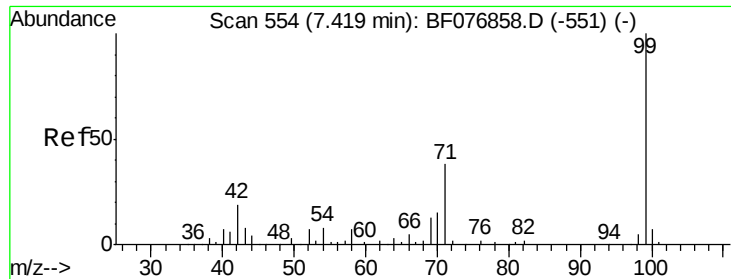


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.73 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-B

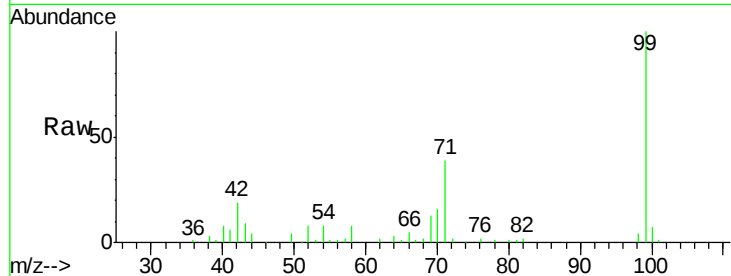
Tot Ion: 99 Resp: 140954

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

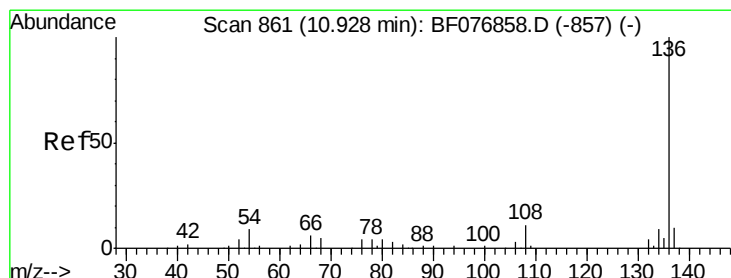
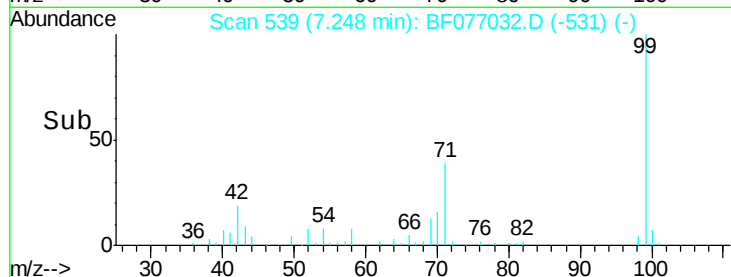
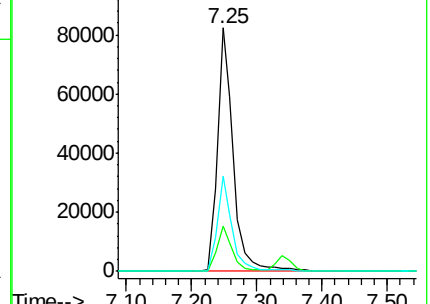
71 39.0 30.5 45.7



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: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

Tgt Ion: 136 Resp: 102107

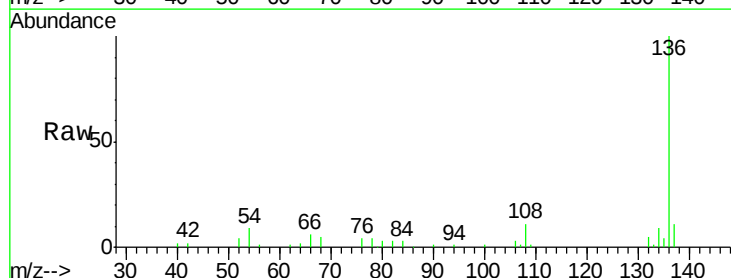
Ion Ratio Lower Upper

136 100

137 10.5 8.1 12.1

54 8.8 7.0 10.4

68 5.0 3.7 5.5

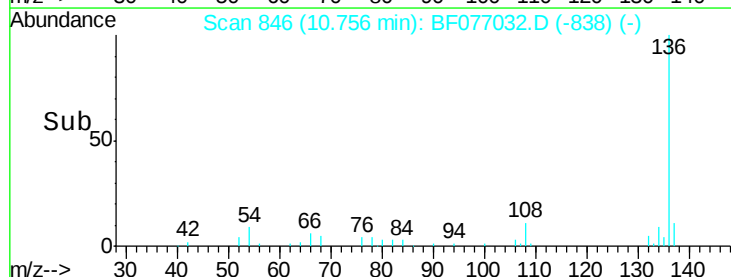
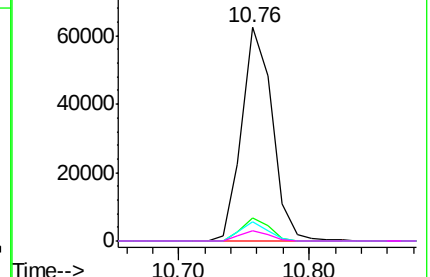


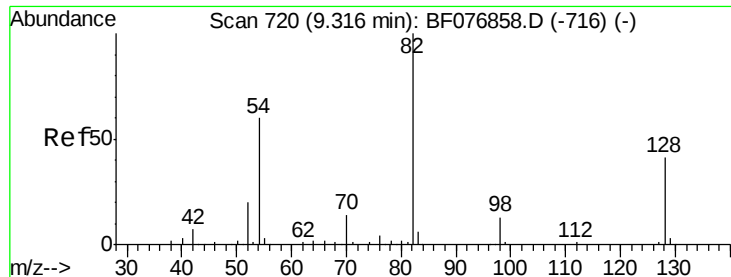
Abundance Ion 136.00 (135.70 to 136.70): E

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

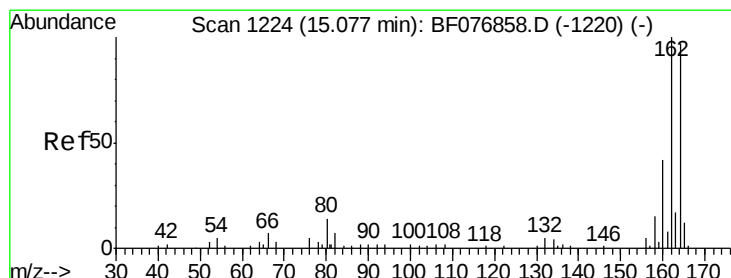
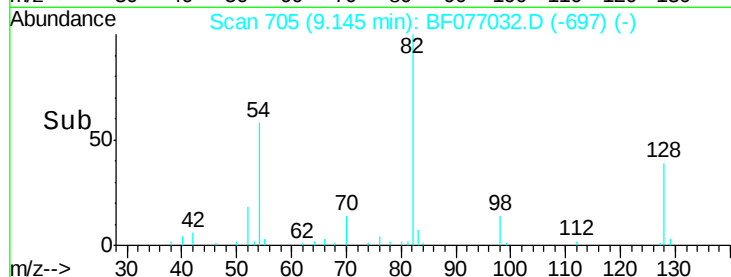
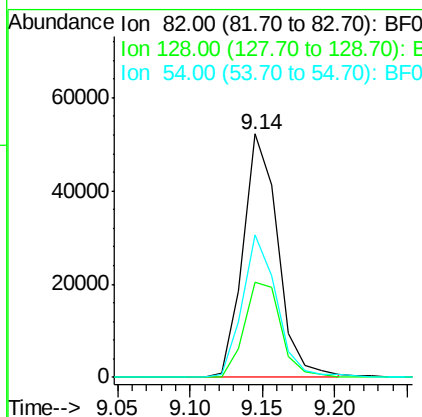
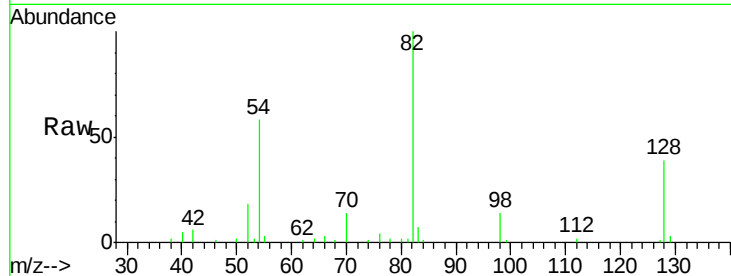




#23
 Nitrobenzene-d5
 Concen: 47.31 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

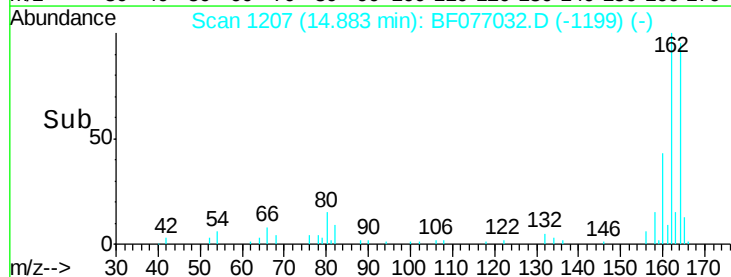
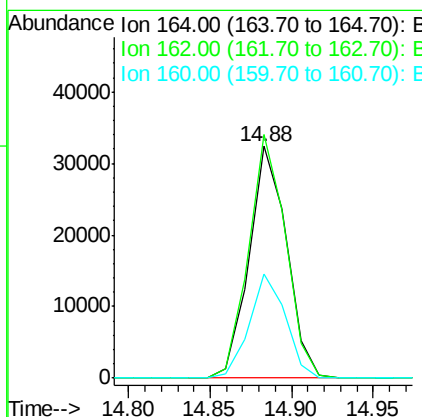
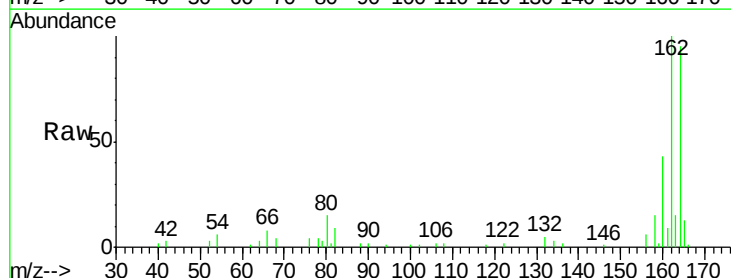
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-B

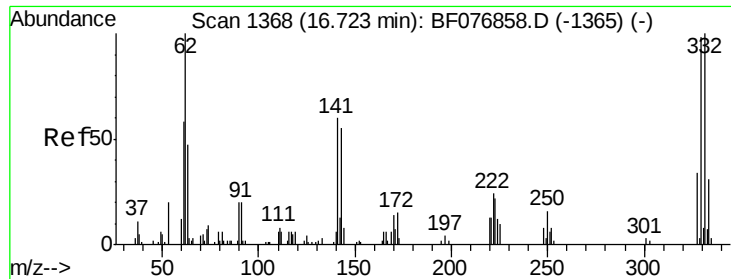
Tot Ion	82	Resp	87186
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.1	49.7
54	58.4	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

Tgt Ion	164	Resp	51898
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.4	123.6
160	45.0	34.8	52.2

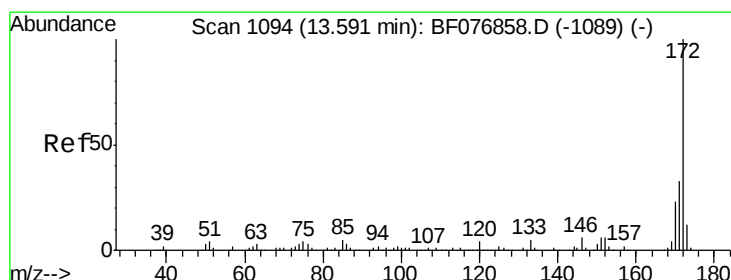
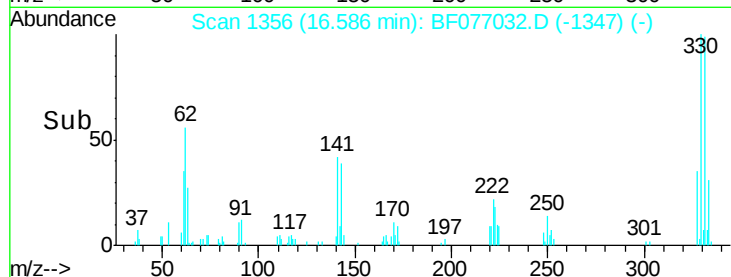
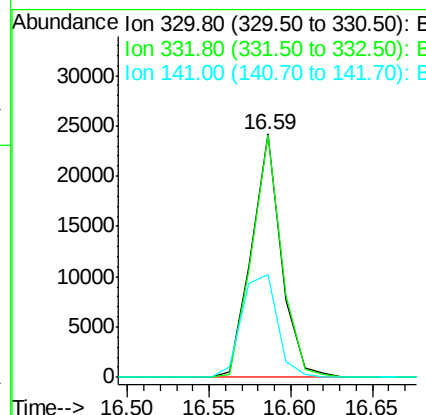
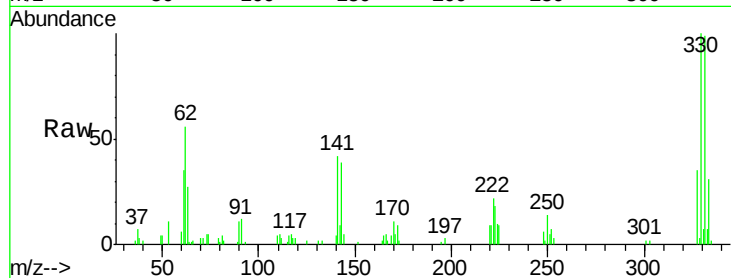




#41
 2,4,6-Tribromophenol
 Concen: 72.84 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

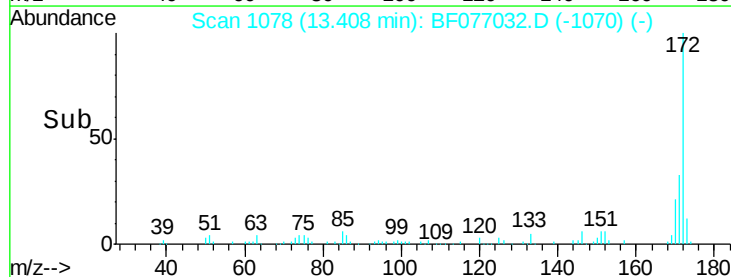
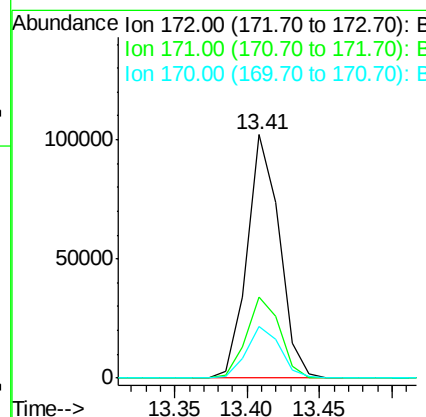
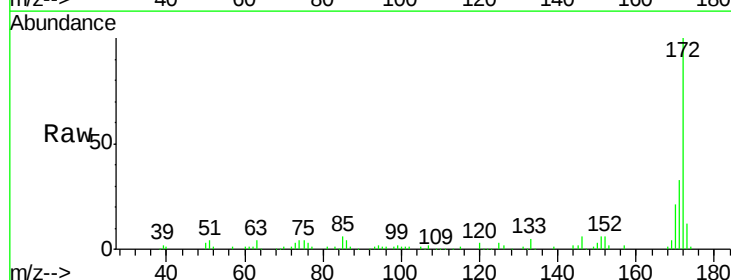
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-B

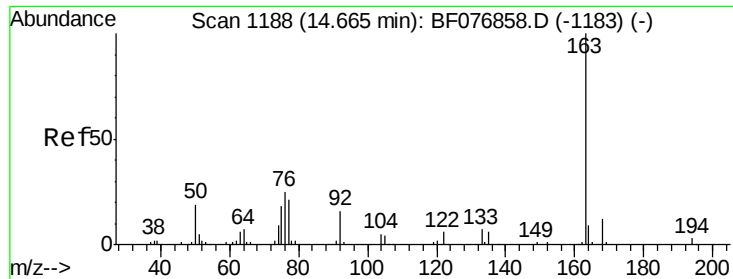
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.6
141	50.2	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 46.23 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.6	40.0
170	21.4	18.0	27.0





#49

Dimethylphthalate

Concen: 5.41 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-B

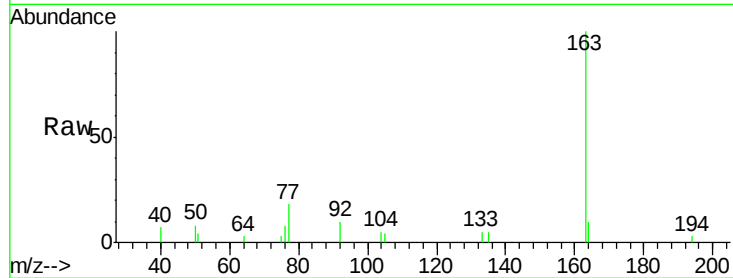
Tot Ion:163 Resp: 19905

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

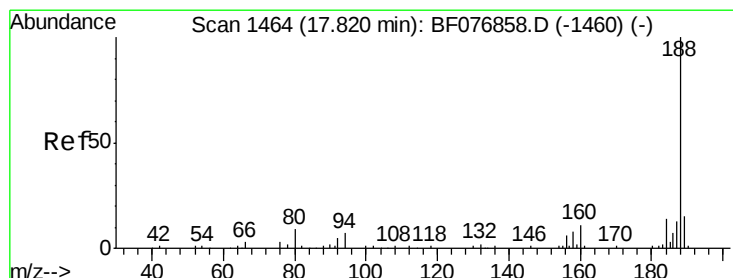
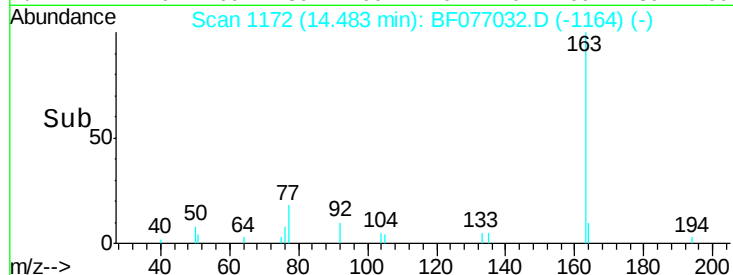
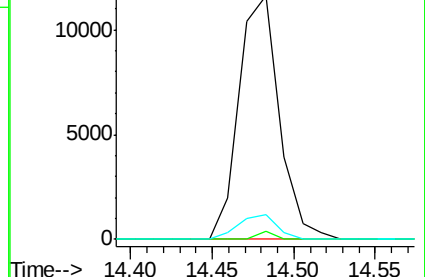
164 10.1 7.5 11.3



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: BF077032.D

Acq: 23 Jan 2015 5:08

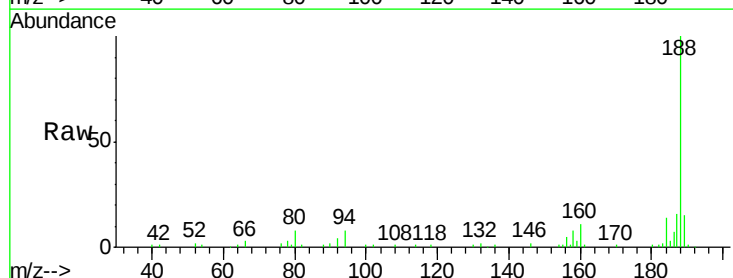
Tgt Ion:188 Resp: 87142

Ion Ratio Lower Upper

188 100

94 7.7 6.0 9.0

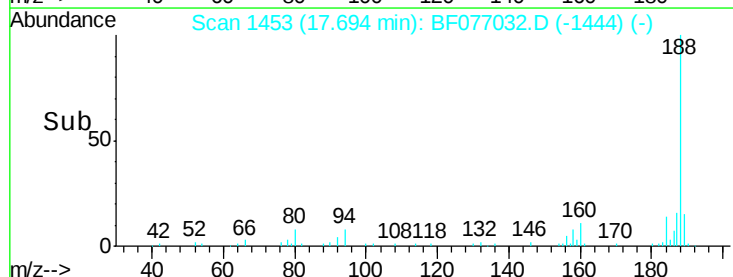
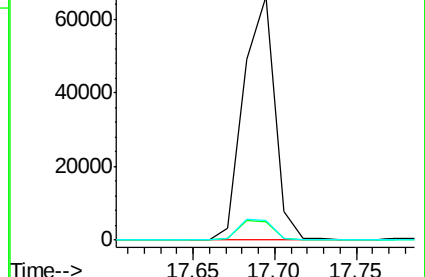
80 8.3 6.9 10.3

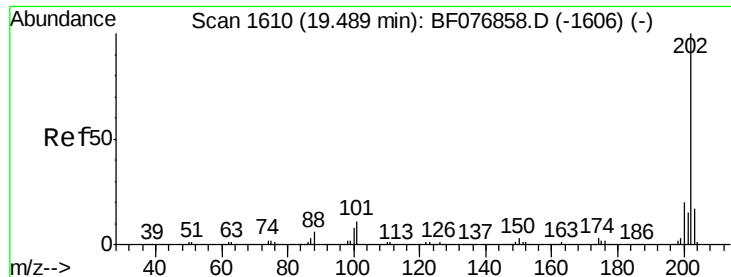


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

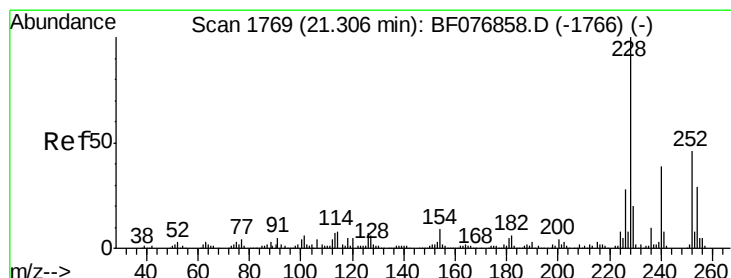
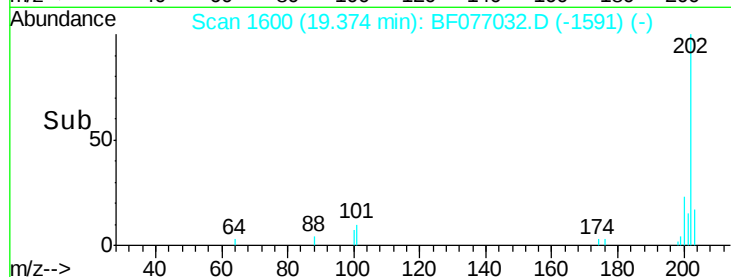
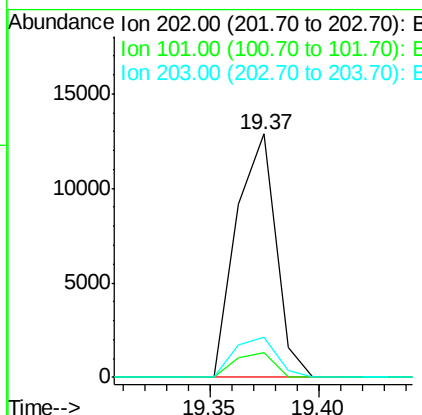
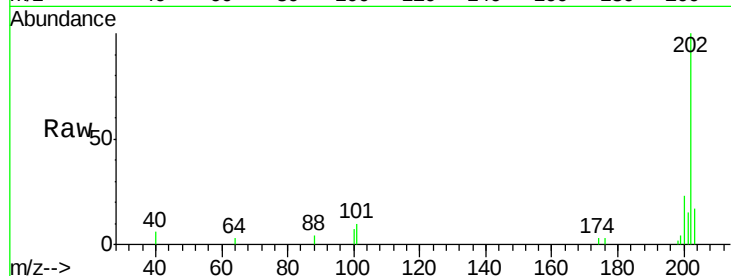




#74
 Fluoranthene
 Concen: 2.90 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

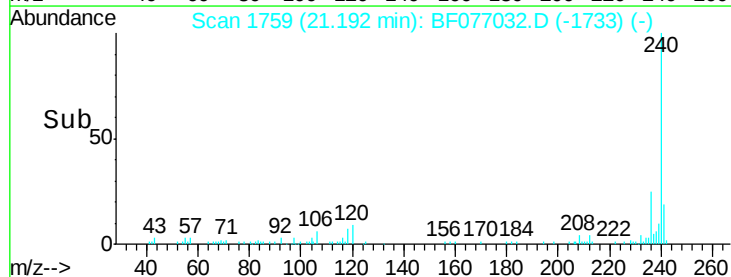
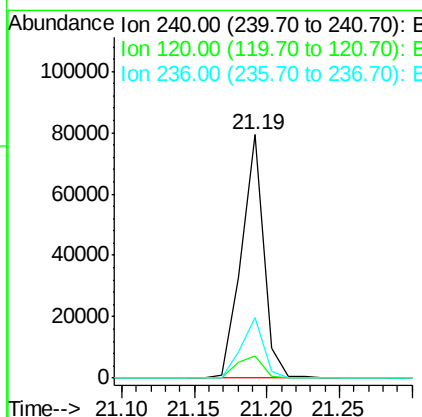
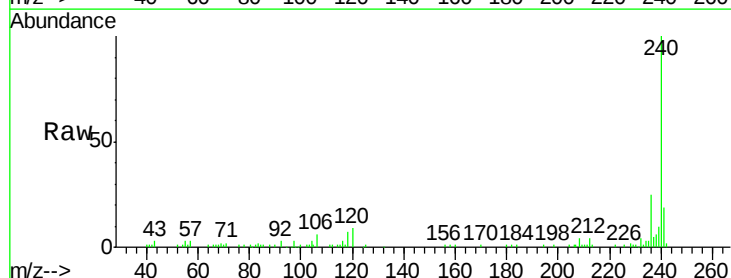
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-B

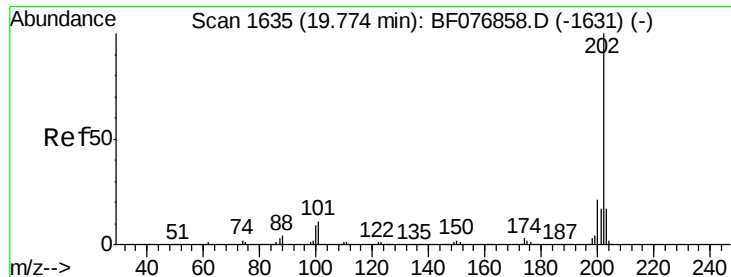
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.7
203	16.7	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.4	15.6#
236	25.1	20.2	30.2





#77

Pvrene

Concen: 2.60 ng

RT: 19.65 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-004-B

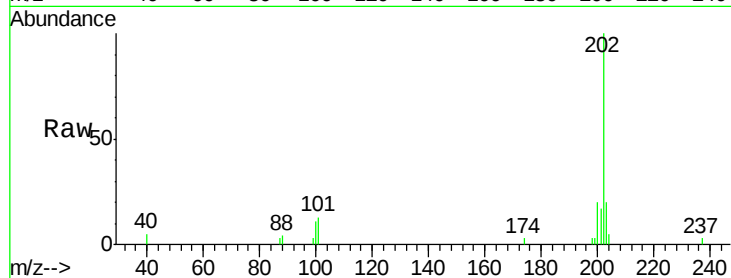
Tot Ion:202 Resp: 15150

Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

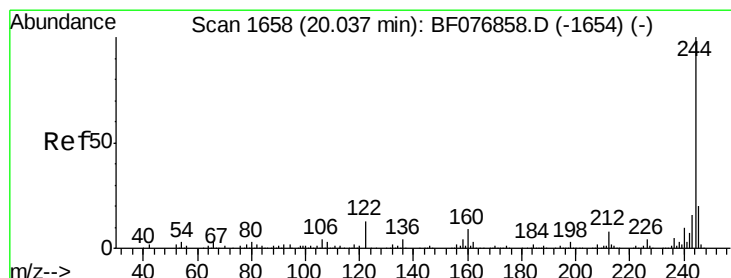
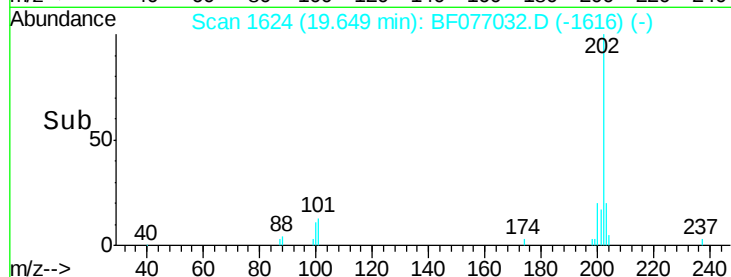
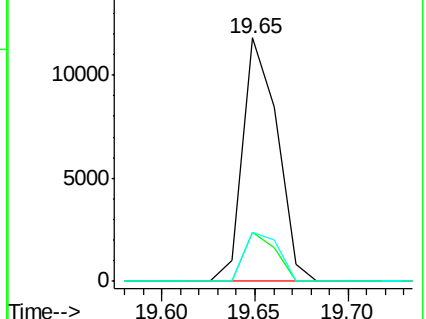
203 20.2 14.0 21.0



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: 41.35 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF077032.D

Acq: 23 Jan 2015 5:08

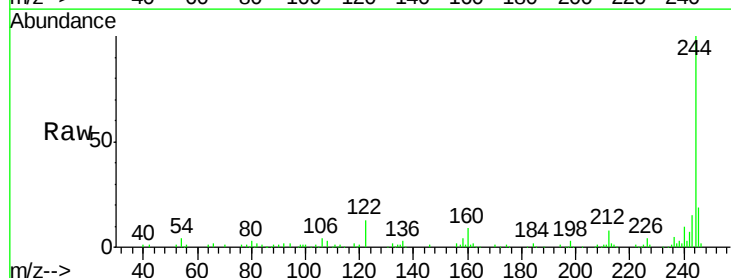
Tgt Ion:244 Resp: 152689

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

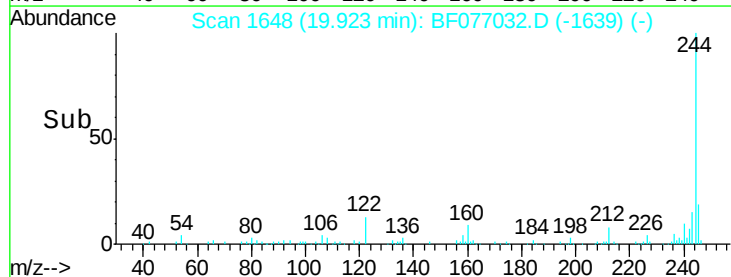
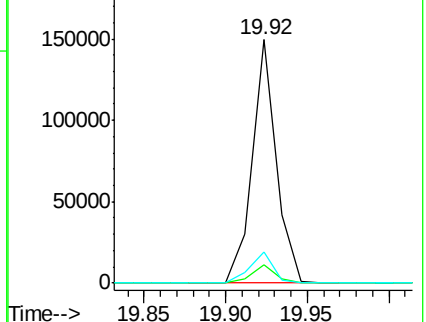
122 12.6 10.1 15.1

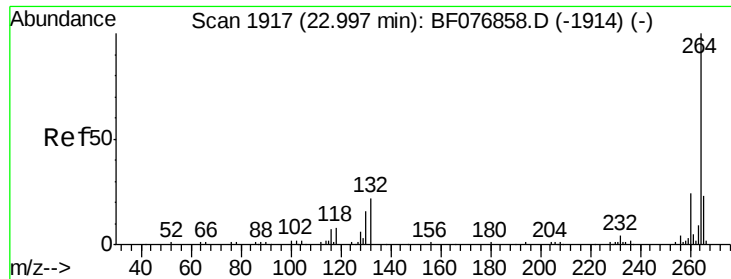


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

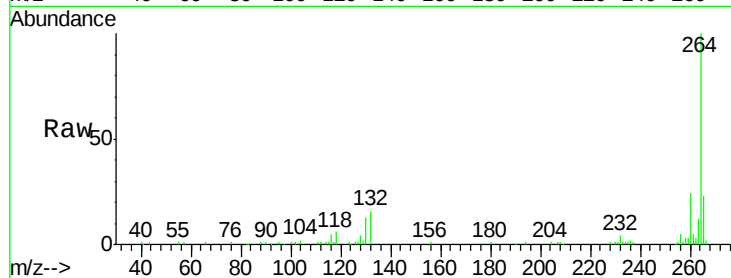




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.84 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BF077032.D
 Acq: 23 Jan 2015 5:08

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	23.2	18.1	27.1



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

