

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076879.D
 Acq On : 15 Jan 2015 12:11
 Operator : IZ / TP
 Sample : G1071-03
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-004-B

Quant Time: Jan 15 13:13:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

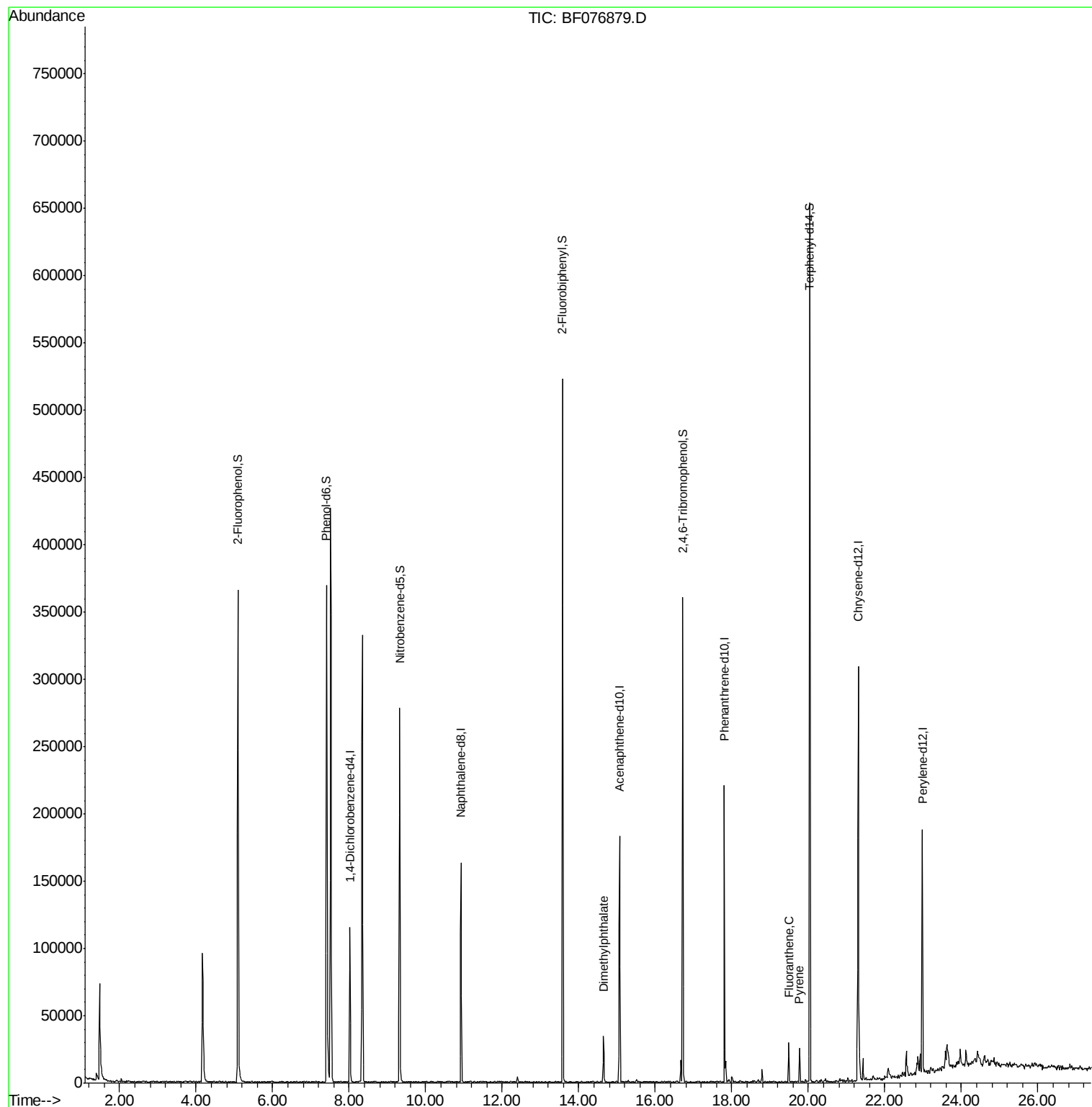
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31867	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	127038	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	70636	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	113531	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	111275	20.00	ng	0.00
86) Perylene-d12	22.99	264	103711	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	182180	93.99	ng	0.00
7) Phenol-d6	7.41	99	236772	96.84	ng	-0.01
23) Nitrobenzene-d5	9.32	82	145183	63.31	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	52234	91.10	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	277265	59.73	ng	-0.01
78) Terphenyl-d14	20.04	244	270611	55.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.64	163	26227	5.24	ng	98
74) Fluoranthene	19.49	202	18284	2.52	ng	94
77) Pyrene	19.76	202	16041	2.10	ng	# 95

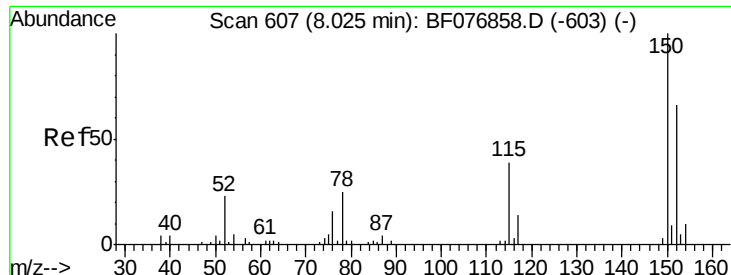
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.02 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF076879.D

Acq: 15 Jan 2015 12:11

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-B

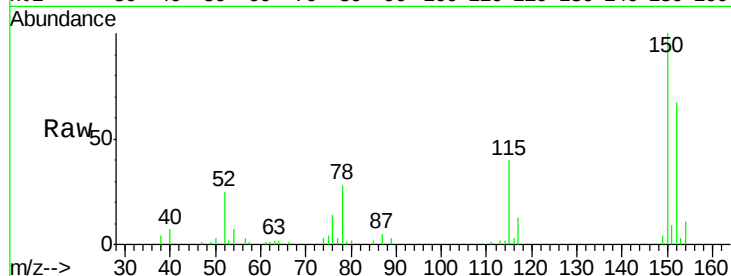
Tot Ion:152 Resp: 31867

Ion Ratio Lower Upper

152 100

150 149.7 121.7 182.5

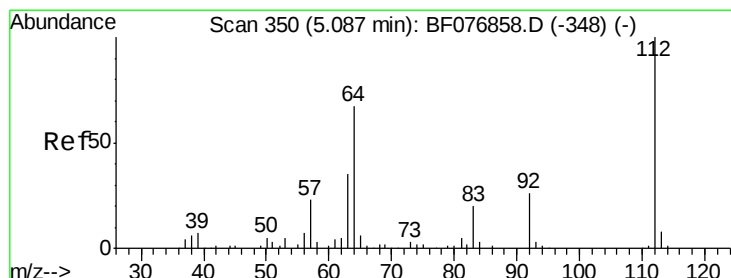
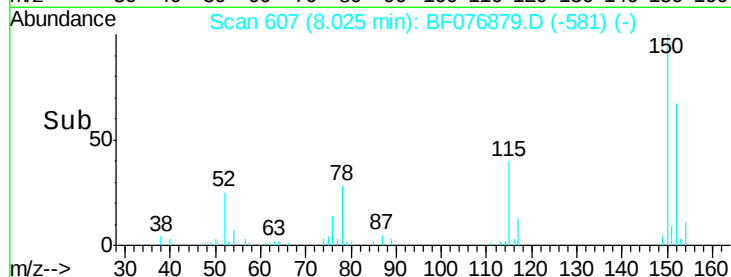
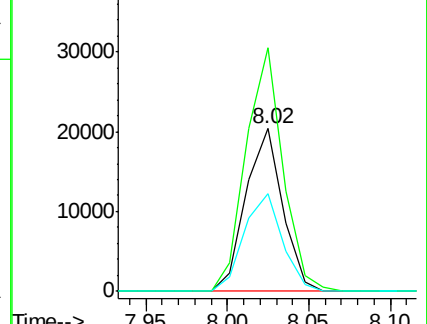
115 60.0 47.0 70.6



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: 93.99 ng

RT: 5.09 min Scan# 350

Delta R.T. -0.00 min

Lab File: BF076879.D

Acq: 15 Jan 2015 12:11

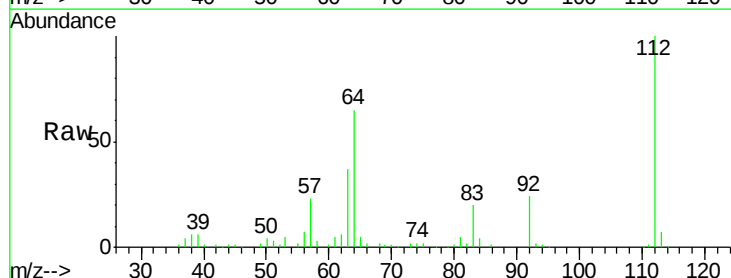
Tgt Ion:112 Resp: 182180

Ion Ratio Lower Upper

112 100

64 65.3 54.2 81.4

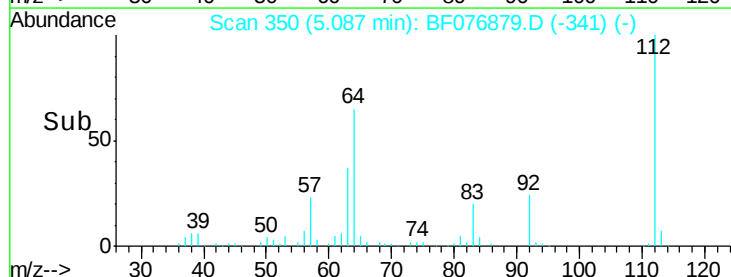
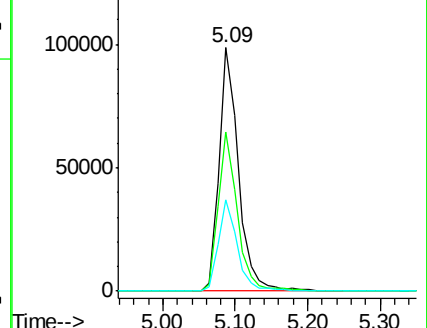
63 37.3 28.4 42.6



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: 96.84 ng

RT: 7.41 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF076879.D

Acq: 15 Jan 2015 12:11

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-B

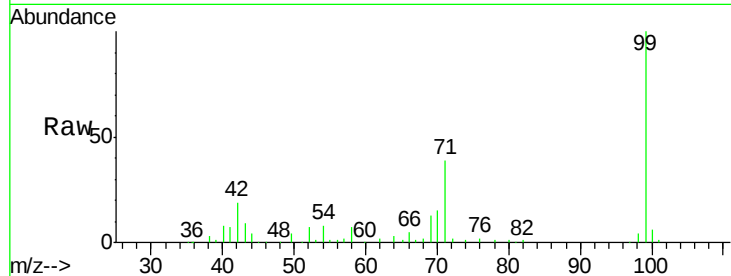
Tot Ion: 99 Resp: 236772

Ion Ratio Lower Upper

99 100

42 19.2 15.0 22.4

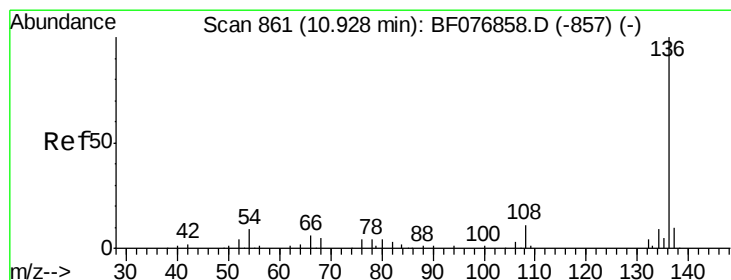
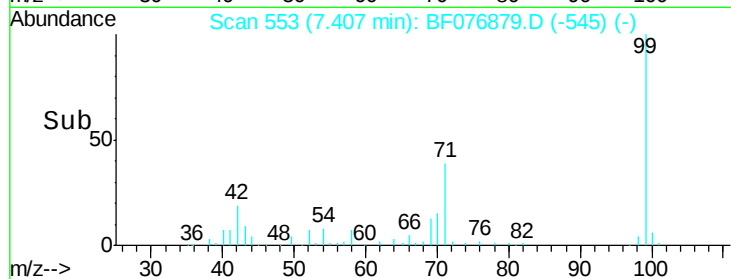
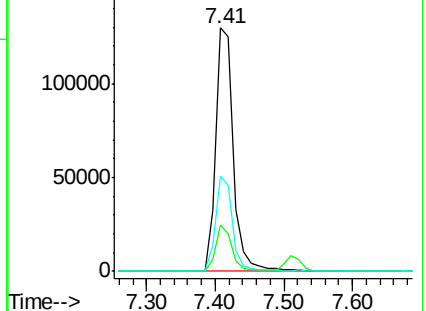
71 39.2 30.5 45.7



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: 10.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF076879.D

Acq: 15 Jan 2015 12:11

Tgt Ion: 136 Resp: 127038

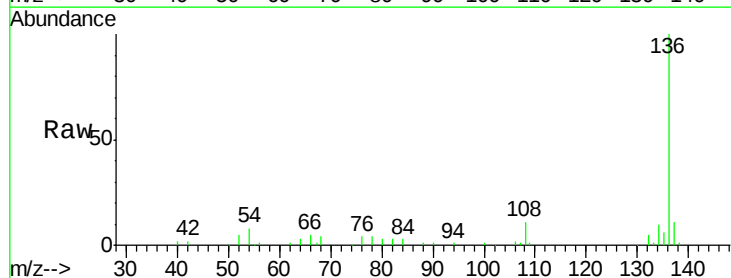
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.1 7.0 10.4

68 4.4 3.7 5.5

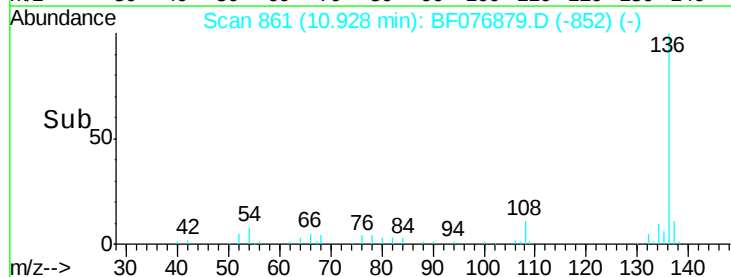
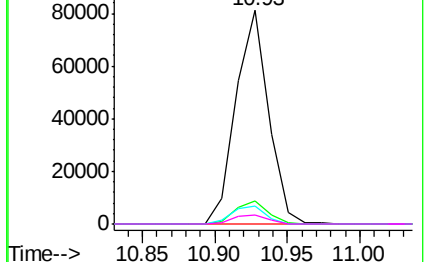


Abundance Ion 136.00 (135.70 to 136.70): E

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

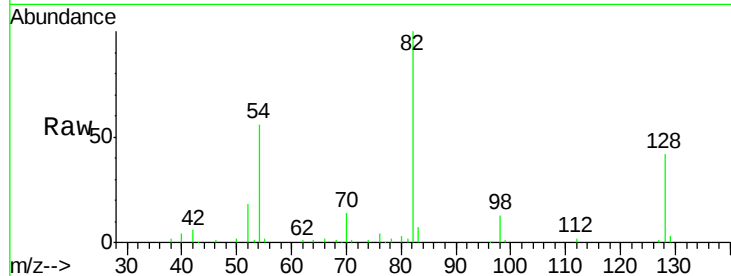




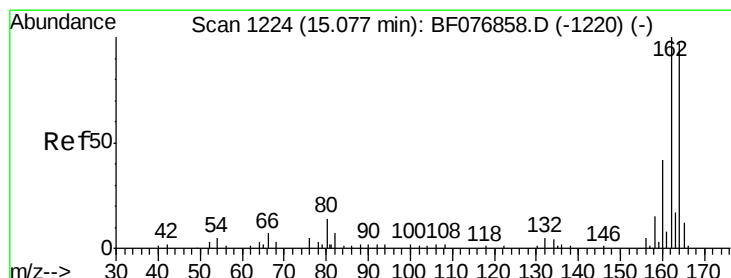
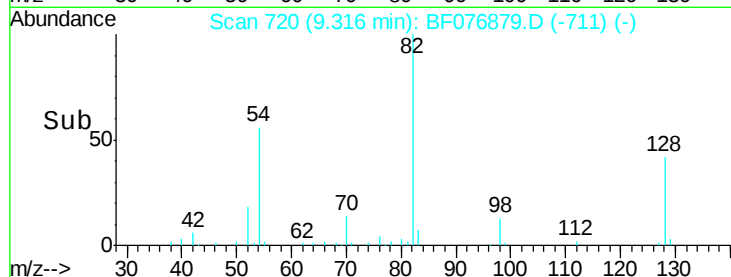
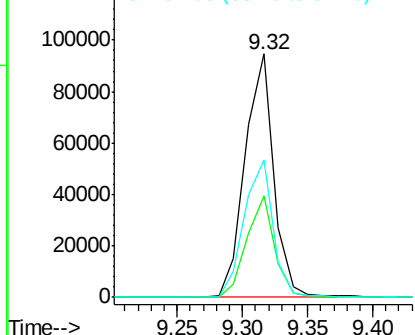
#23
 Nitrobenzene-d5
 Concen: 63.31 ng
 RT: 9.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-004-B

Tot Ion: 82 Resp: 145183
 Ion Ratio Lower Upper
 82 100
 128 41.8 33.1 49.7
 54 56.2 48.3 72.5

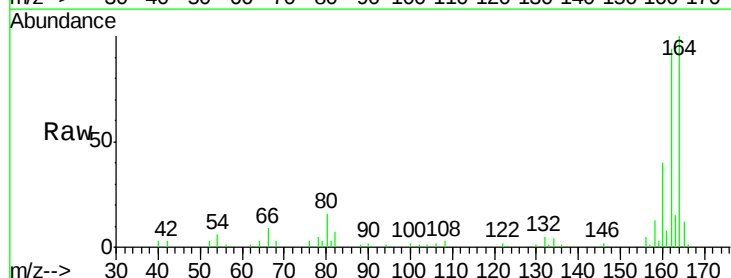


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

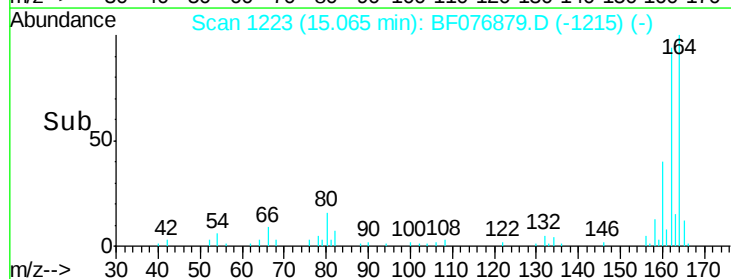
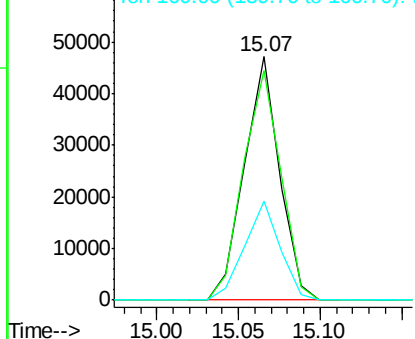


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

Tgt Ion:164 Resp: 70636
 Ion Ratio Lower Upper
 164 100
 162 94.3 82.4 123.6
 160 40.5 34.8 52.2



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

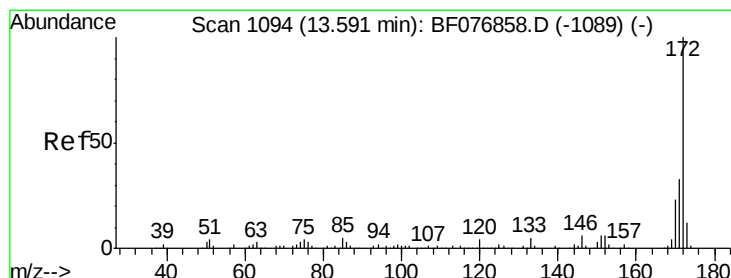
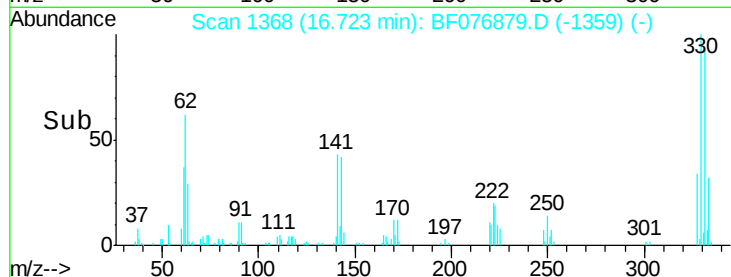
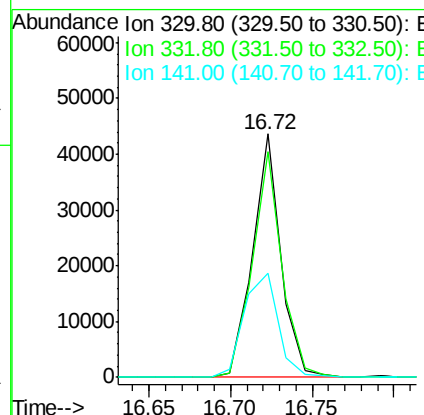
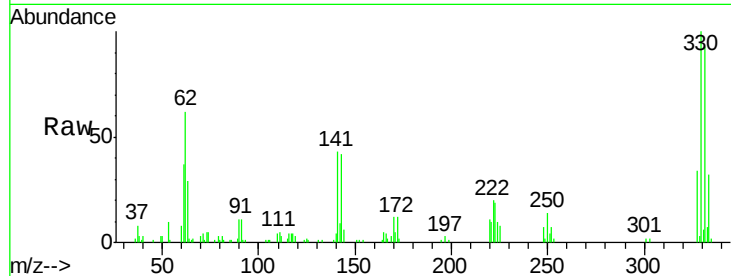




#41
 2,4,6-Tribromophenol
 Concen: 91.10 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

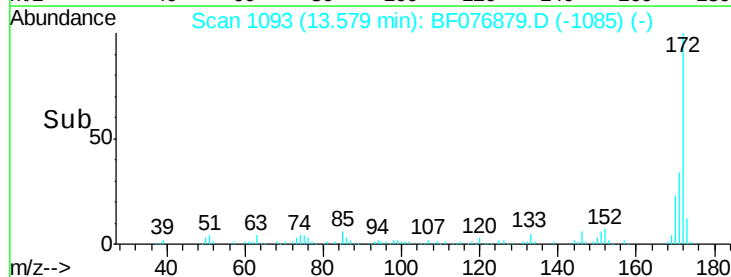
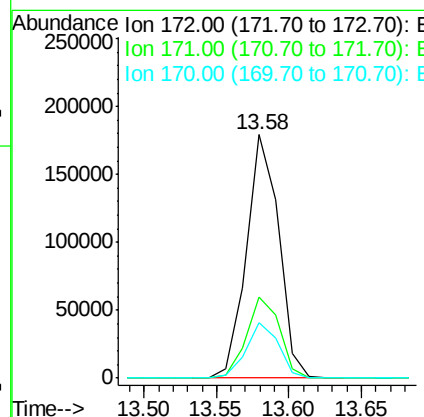
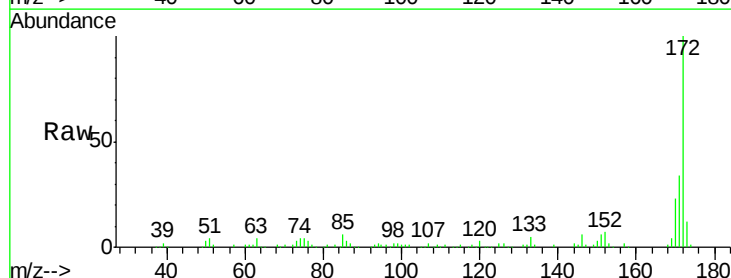
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-004-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	51.8	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 59.73 ng
 RT: 13.58 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.6	40.0
170	22.6	18.0	27.0





#49

Dimethylphthalate

Concen: 5.24 ng

RT: 14.64 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF076879.D

Acq: 15 Jan 2015 12:11

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-B

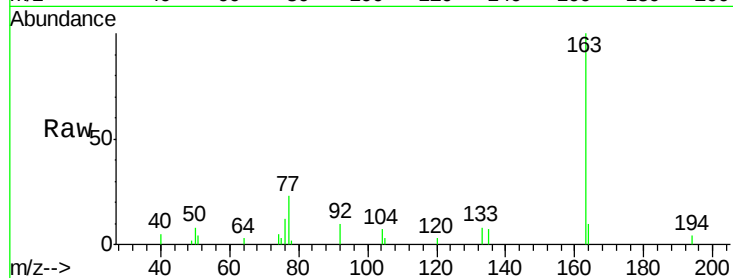
Tot Ion:163 Resp: 26227

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

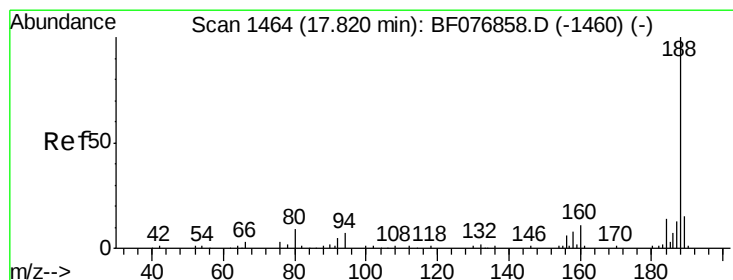
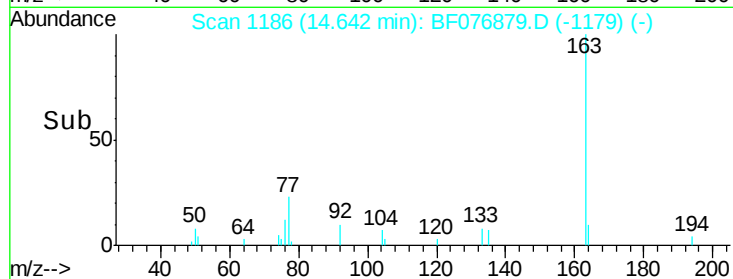
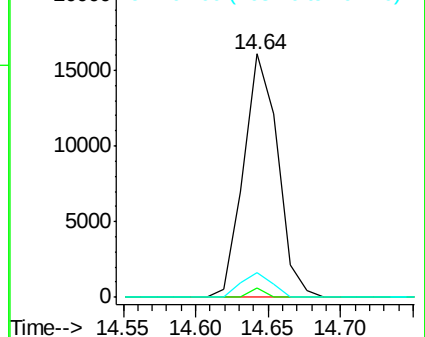
164 10.0 7.5 11.3



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: 17.81 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF076879.D

Acq: 15 Jan 2015 12:11

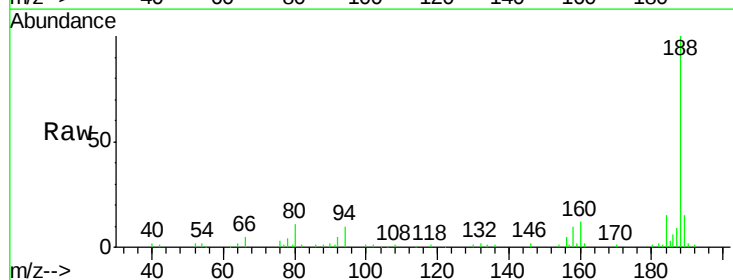
Tgt Ion:188 Resp: 113531

Ion Ratio Lower Upper

188 100

94 9.6 6.0 9.0#

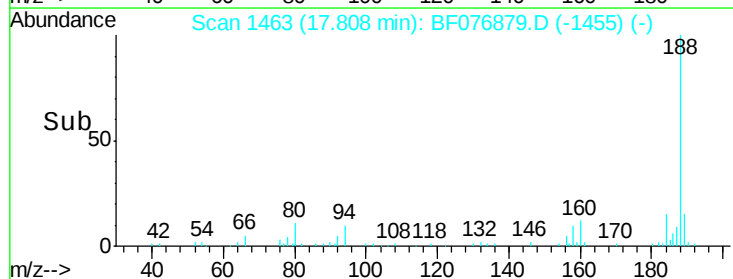
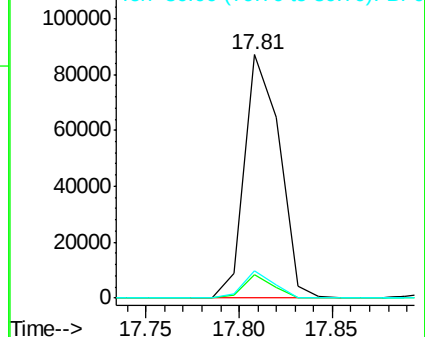
80 11.4 6.9 10.3#

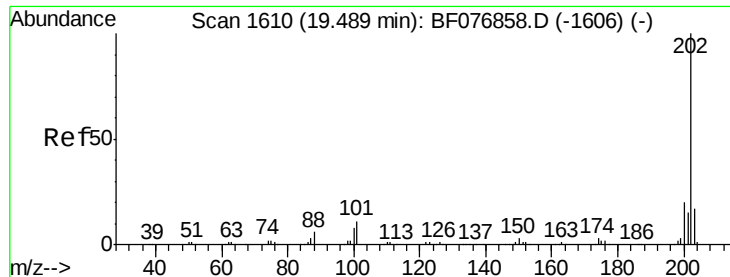


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

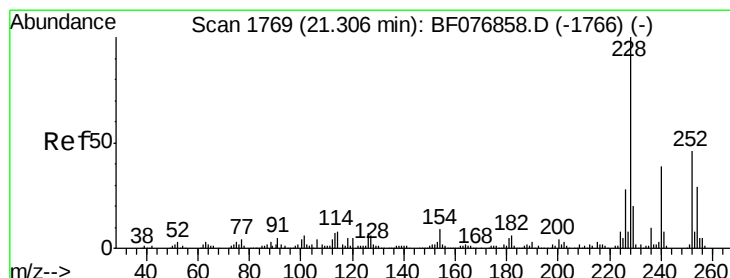
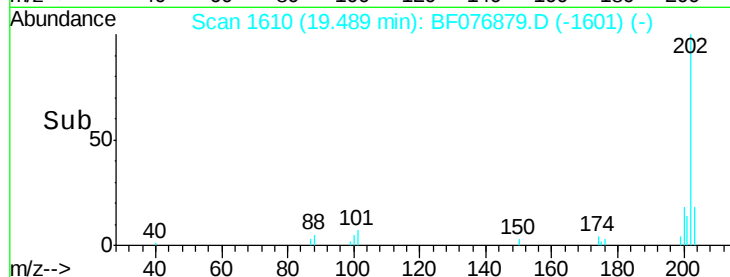
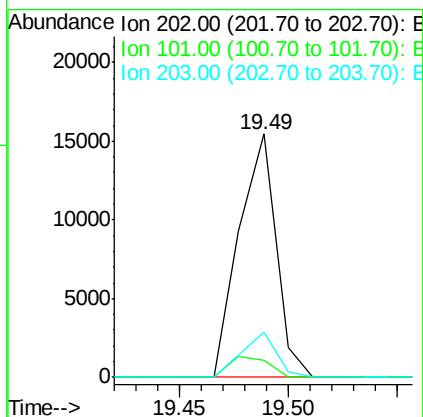
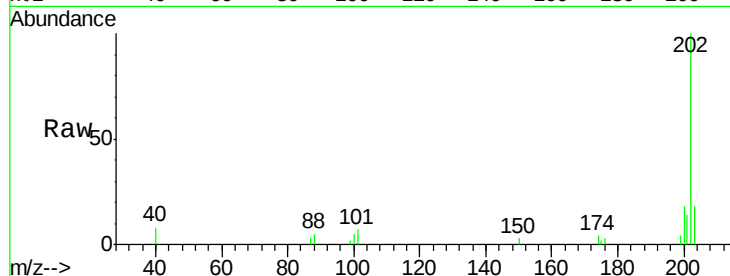




#74
 Fluoranthene
 Concen: 2.52 ng
 RT: 19.49 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

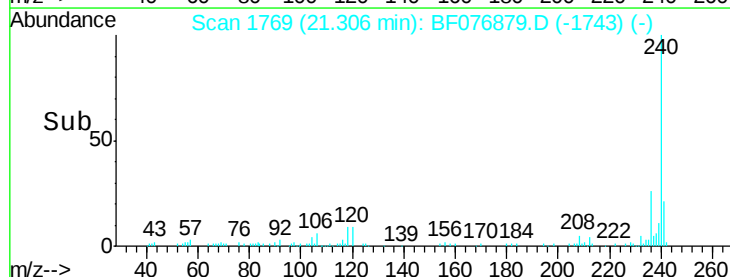
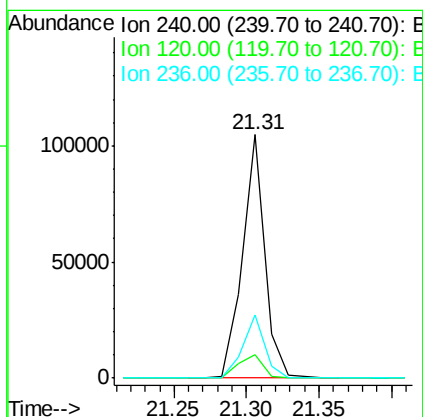
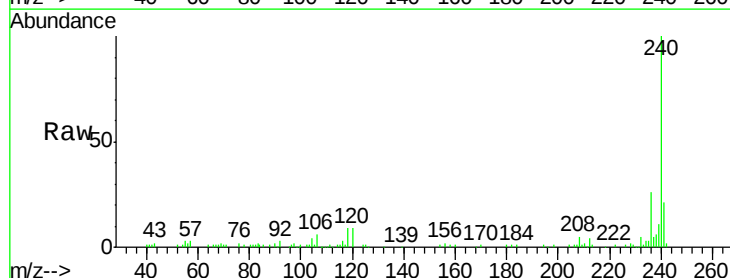
Instrument :
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 FK-GF-04-004-B

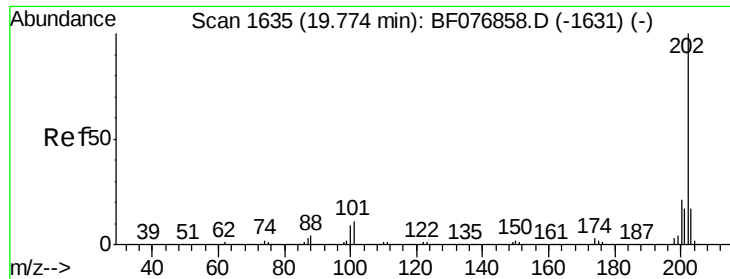
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	30.7
203	18.5	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.4	15.6#
236	25.7	20.2	30.2

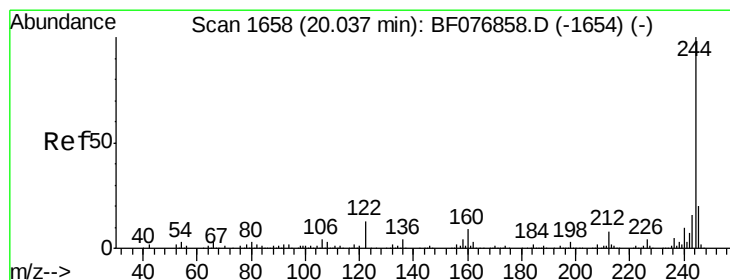
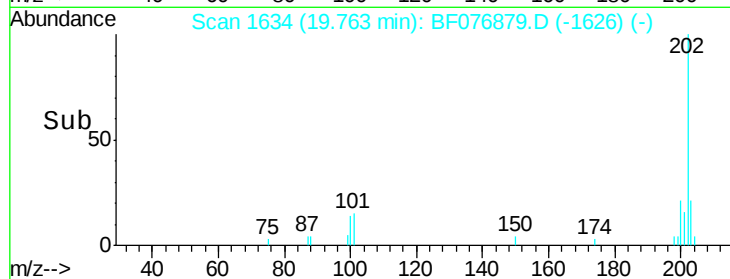
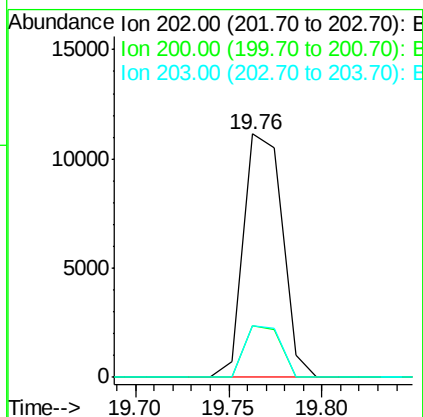
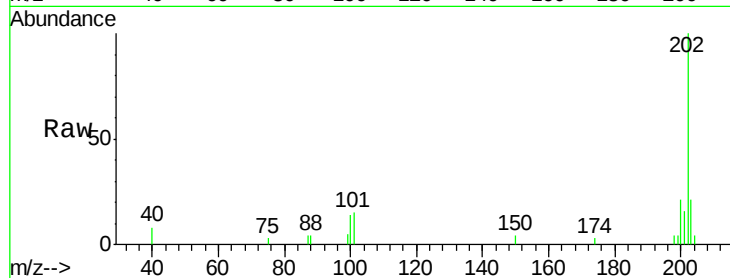




#77
 Pvrene
 Concen: 2.10 ng
 RT: 19.76 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

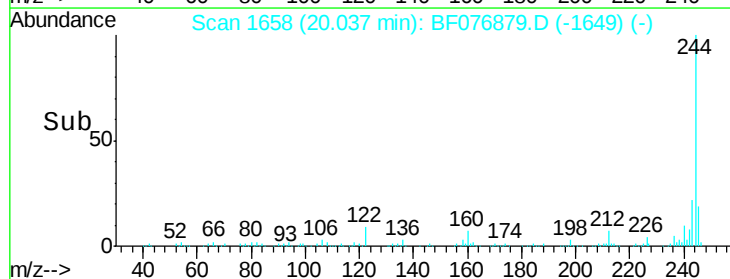
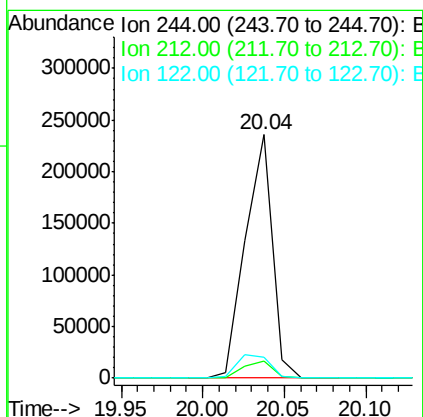
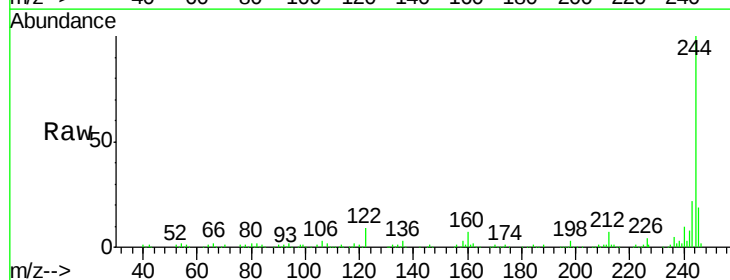
Instrument :
 BNA_F
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 FK-GF-04-004-B

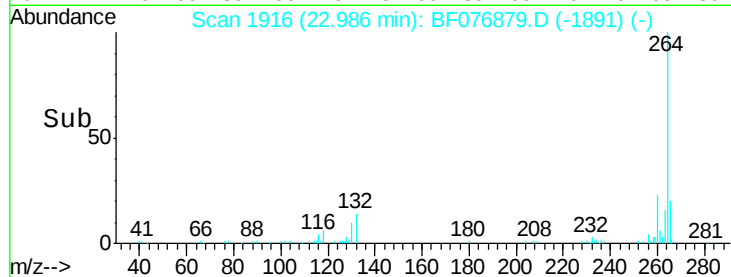
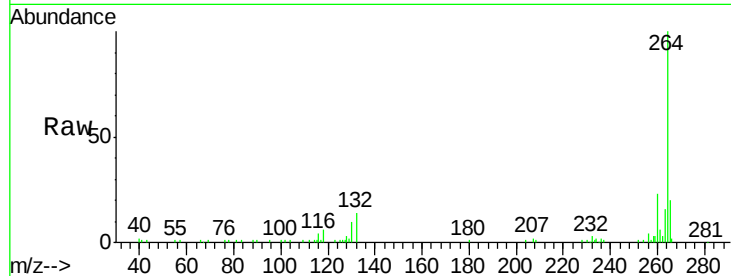
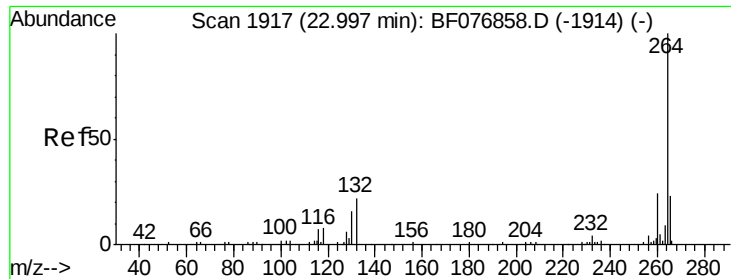
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	21.3	14.0	21.0



#78
 Terphenyl-d14
 Concen: 55.99 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	8.7	10.1	15.1





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.99 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BF076879.D
 Acq: 15 Jan 2015 12:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-004-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	20.5	18.1	27.1

