

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076876.D
 Acq On : 15 Jan 2015 10:28
 Operator : IZ / TP
 Sample : G1071-01
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jan 15 13:06:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

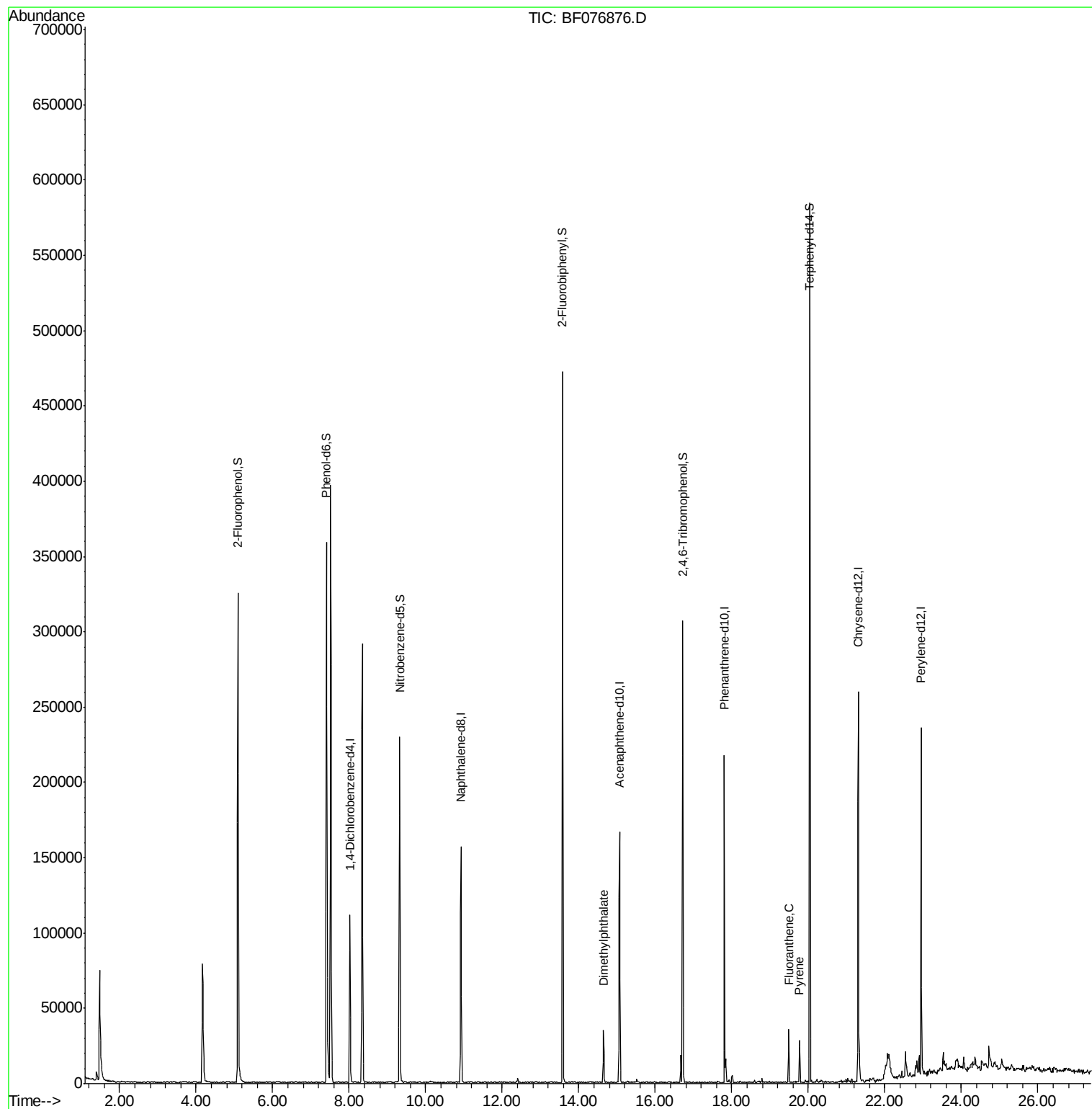
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31700	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	122970	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	66511	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	110516	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	115152	20.00	ng	0.00
86) Perylene-d12	22.95	264	101049	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	163437	84.77	ng	0.00
7) Phenol-d6	7.41	99	206211	84.78	ng	-0.01
23) Nitrobenzene-d5	9.32	82	124451	56.07	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	44340	82.13	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	248990	56.97	ng	-0.01
78) Terphenyl-d14	20.04	244	242356	48.45	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.64	163	25838	5.48	ng	99
74) Fluoranthene	19.49	202	20383	2.89	ng	97
77) Pyrene	19.76	202	17525	2.22	ng	# 95

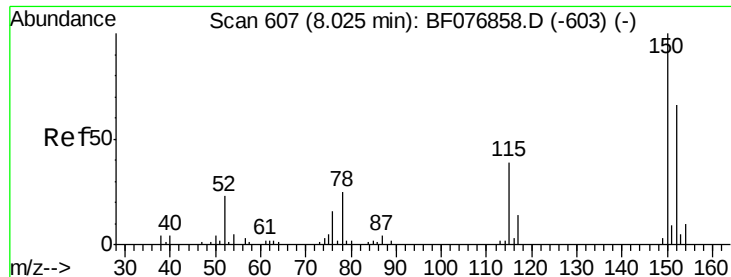
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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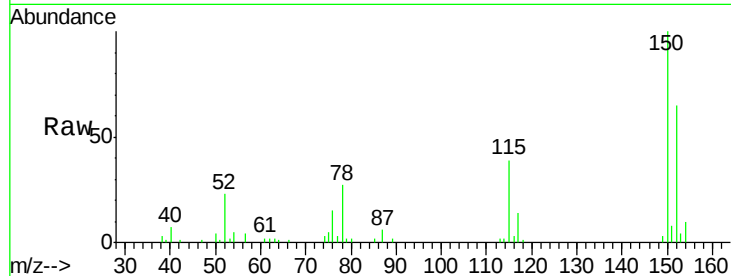


#1

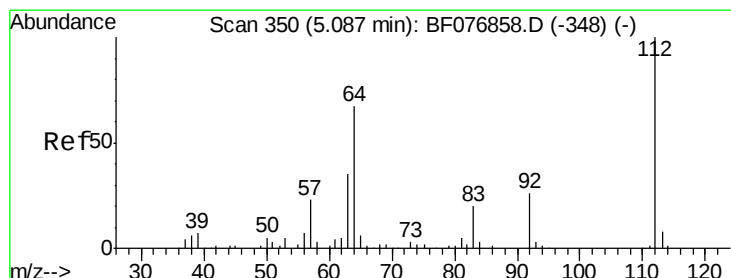
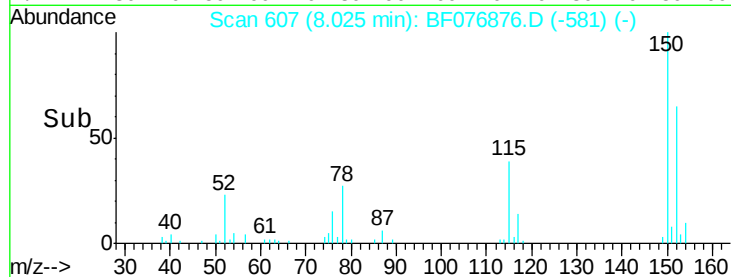
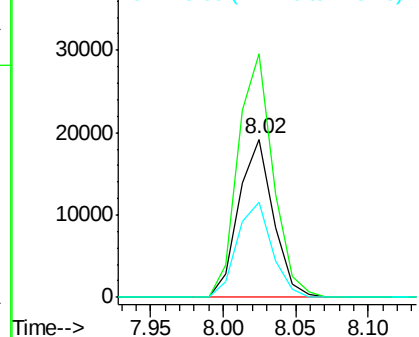
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076876.D
Acq: 15 Jan 2015 10:28

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

Tot Ion:152 Resp: 31700
Ion Ratio Lower Upper
152 100
150 154.1 121.7 182.5
115 60.5 47.0 70.6



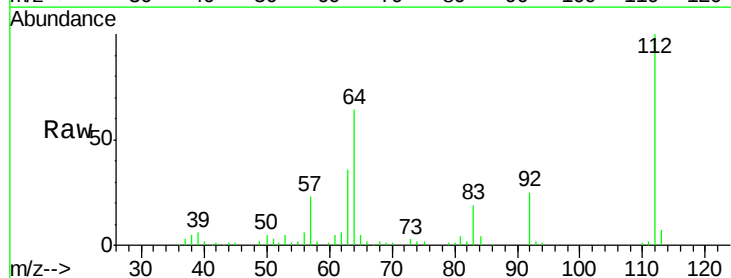
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



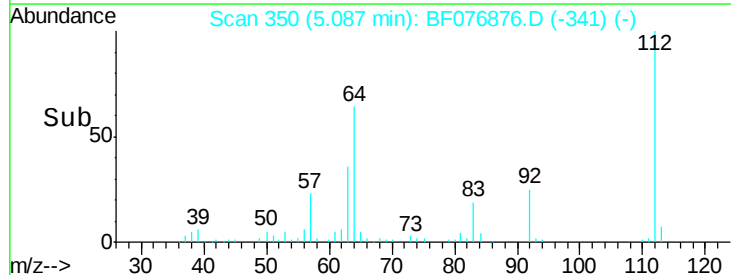
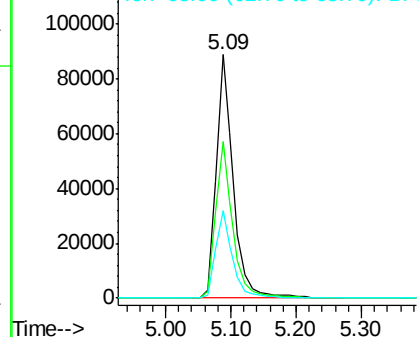
#5

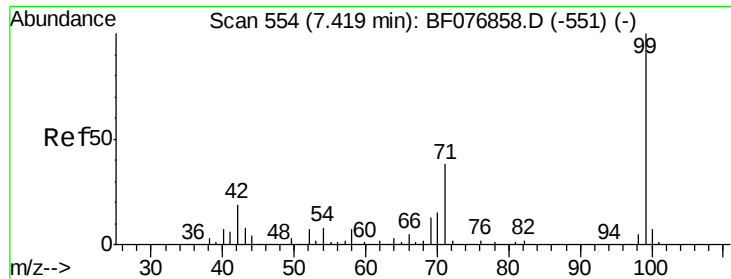
2-Fluorophenol
Concen: 84.77 ng
RT: 5.09 min Scan# 350
Delta R.T. 0.00 min
Lab File: BF076876.D
Acq: 15 Jan 2015 10:28

Tgt Ion:112 Resp: 163437
Ion Ratio Lower Upper
112 100
64 64.1 54.2 81.4
63 36.1 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: 84.78 ng

RT: 7.41 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-A

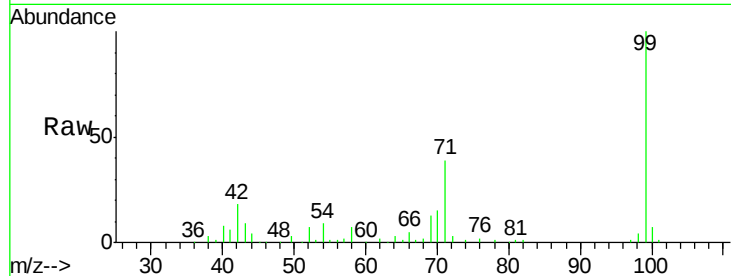
Tot Ion: 99 Resp: 206211

Ion Ratio Lower Upper

99 100

42 18.4 15.0 22.4

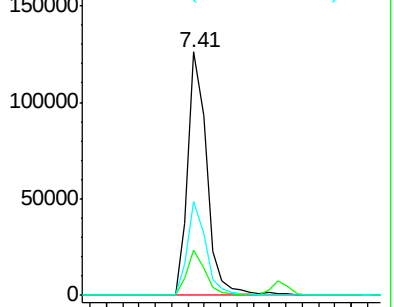
71 38.6 30.5 45.7



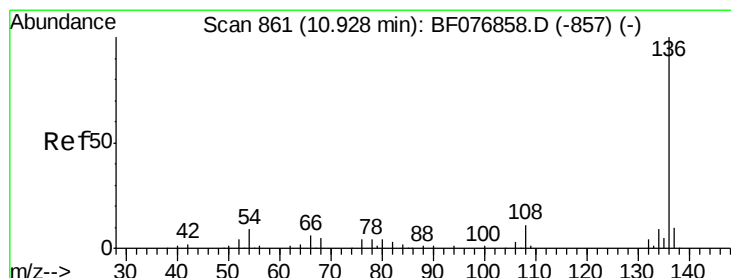
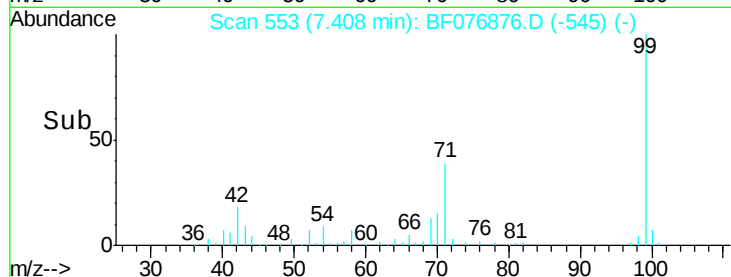
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

Tgt Ion: 136 Resp: 122970

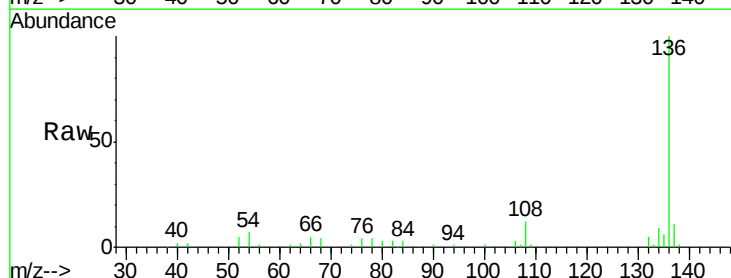
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 7.5 7.0 10.4

68 4.3 3.7 5.5

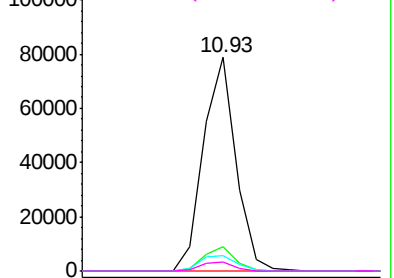


Abundance Ion 136.00 (135.70 to 136.70): E

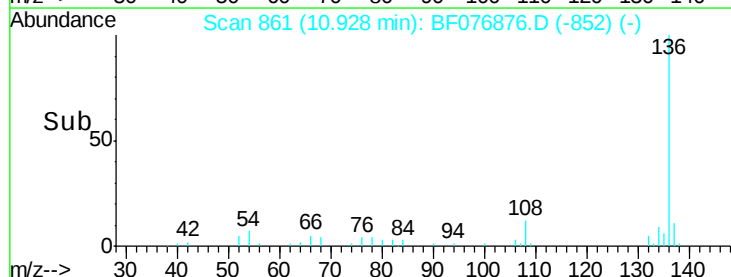
Ion 137.00 (136.70 to 137.70): E

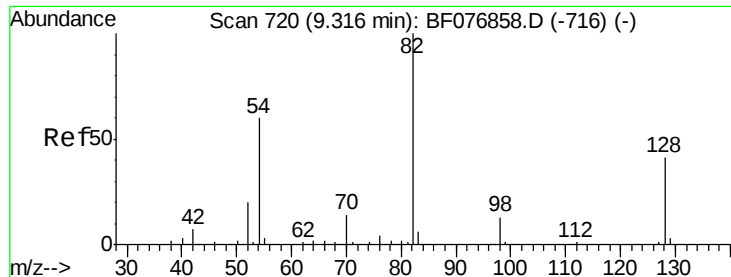
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

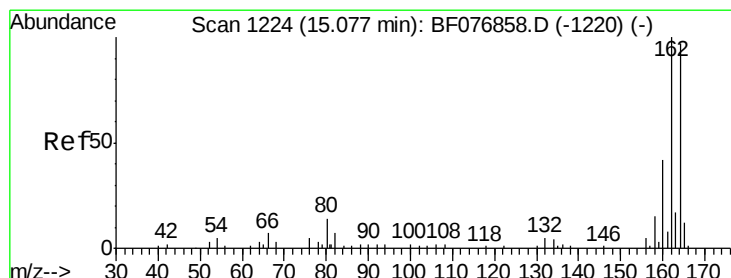
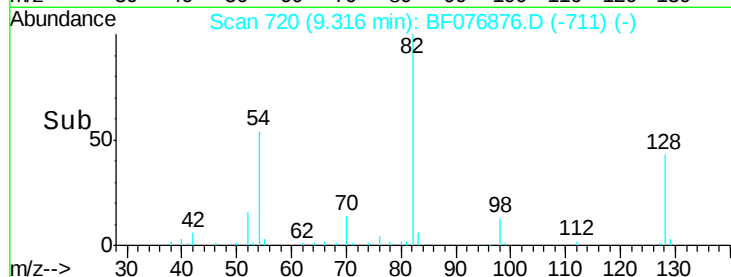
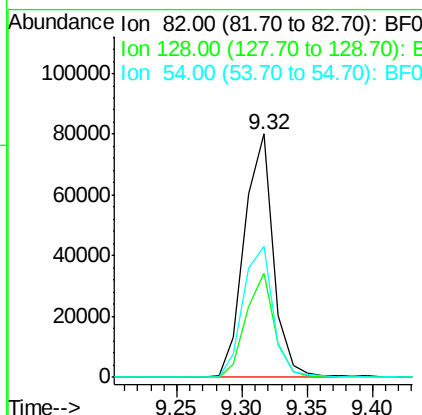
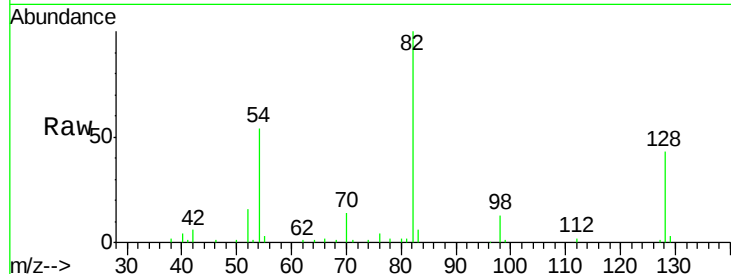




#23
 Nitrobenzene-d5
 Concen: 56.07 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076876.D
 Acq: 15 Jan 2015 10:28

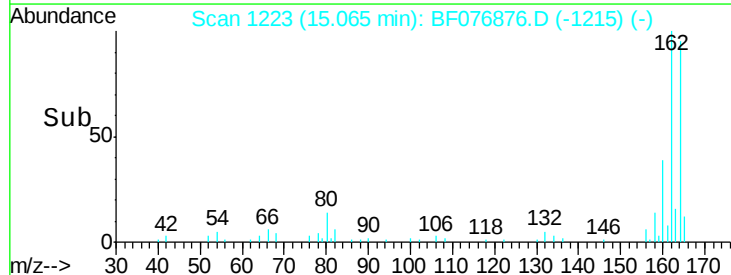
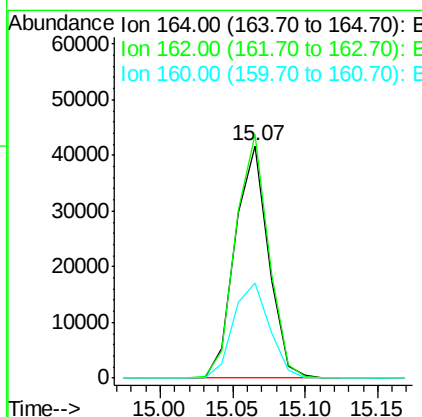
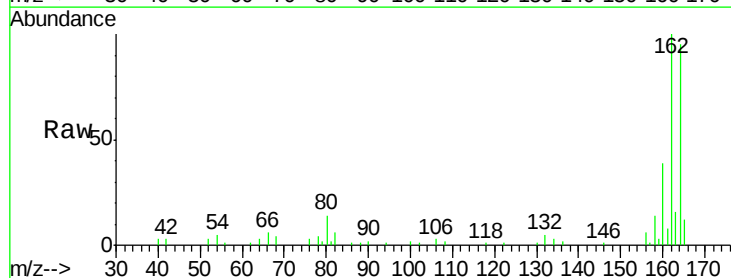
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-004-A

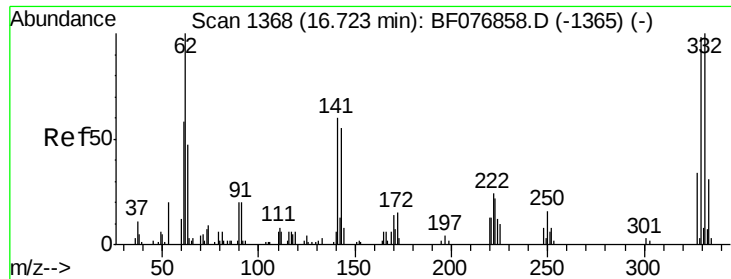
Tot Ion	82	Resp	124451
Ion Ratio	100	Lower	Upper
128	42.6	33.1	49.7
54	53.8	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076876.D
 Acq: 15 Jan 2015 10:28

Tgt Ion	164	Resp	66511
Ion Ratio	100	Lower	Upper
162	104.9	82.4	123.6
160	41.2	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 82.13 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-A

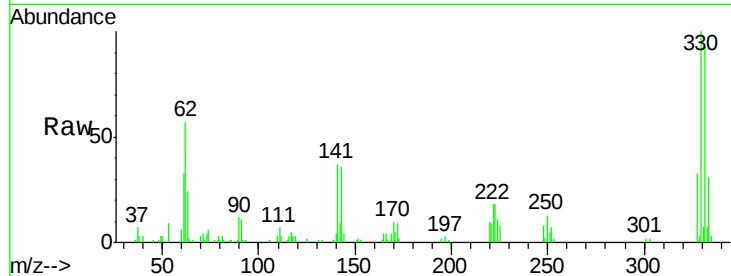
Tot Ion:330 Resp: 44340

Ion Ratio Lower Upper

330 100

332 93.8 77.8 116.6

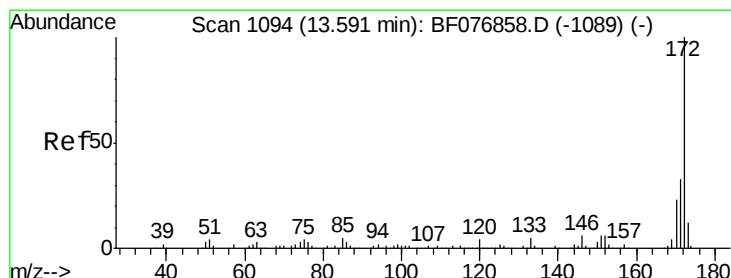
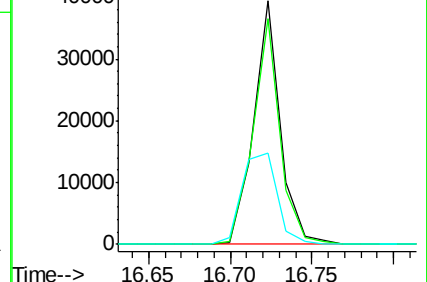
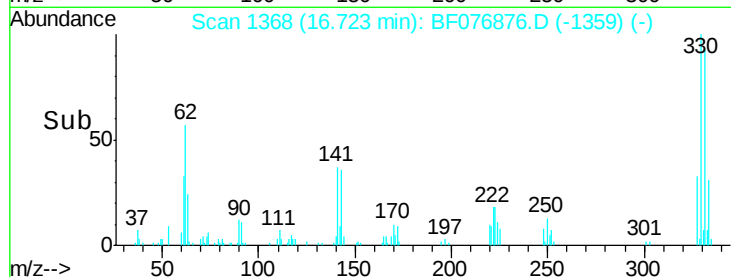
141 49.8 38.5 57.7



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: 56.97 ng

RT: 13.58 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

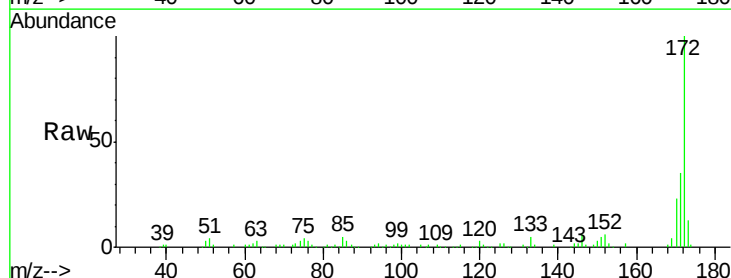
Tgt Ion:172 Resp: 248990

Ion Ratio Lower Upper

172 100

171 35.0 26.6 40.0

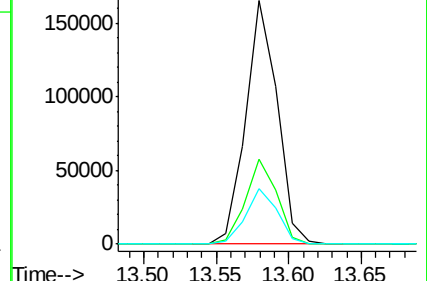
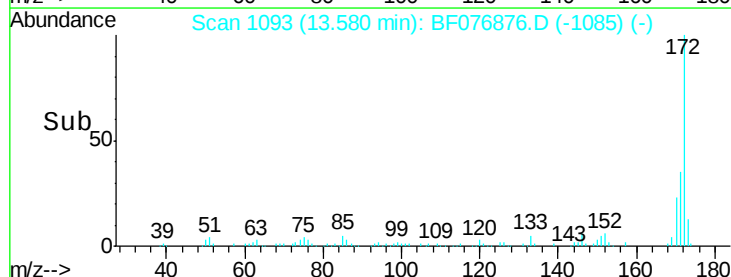
170 22.6 18.0 27.0

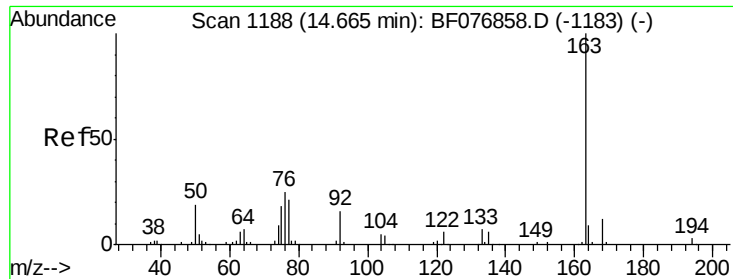


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.48 ng

RT: 14.64 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-A

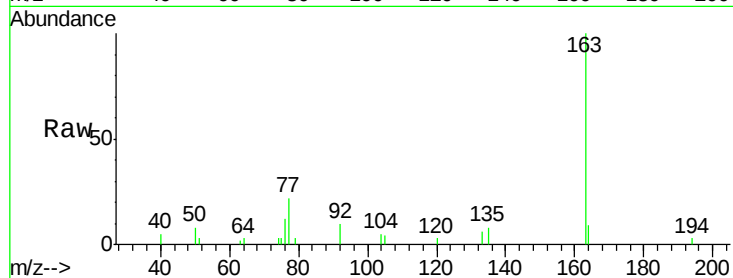
Tot Ion:163 Resp: 25838

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

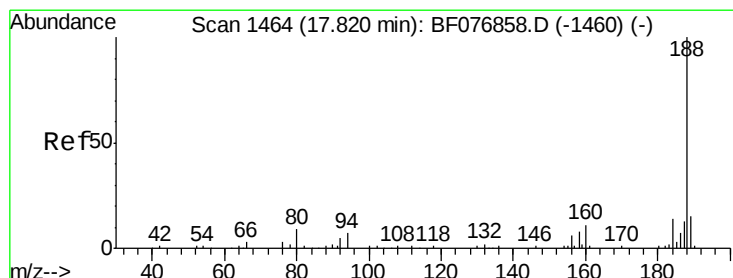
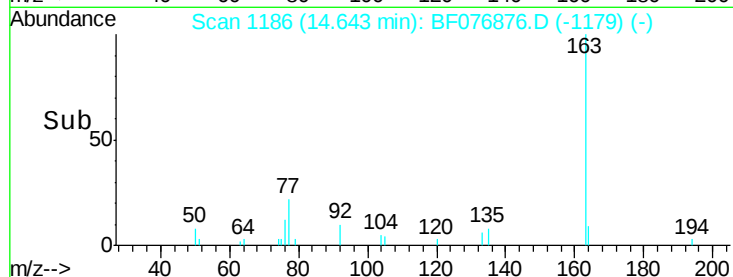
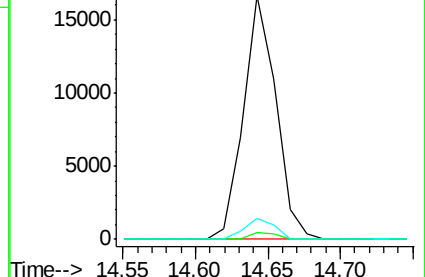
164 8.8 7.5 11.3



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: BF076876.D

Acq: 15 Jan 2015 10:28

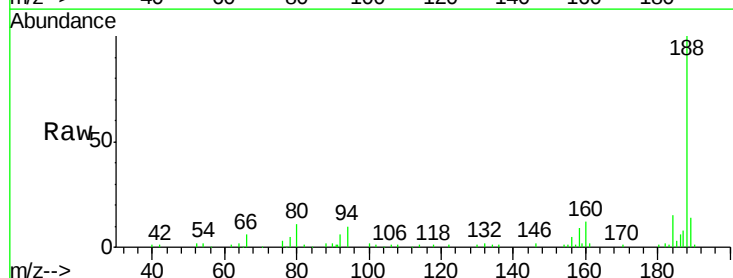
Tgt Ion:188 Resp: 110516

Ion Ratio Lower Upper

188 100

94 10.0 6.0 9.0#

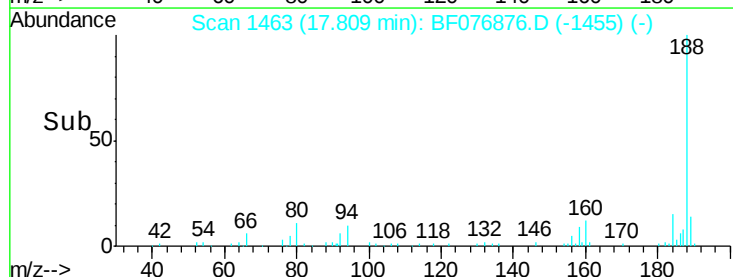
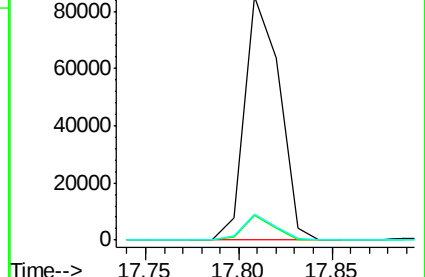
80 10.6 6.9 10.3#

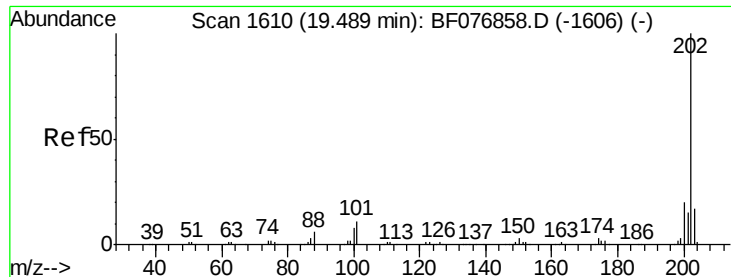


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

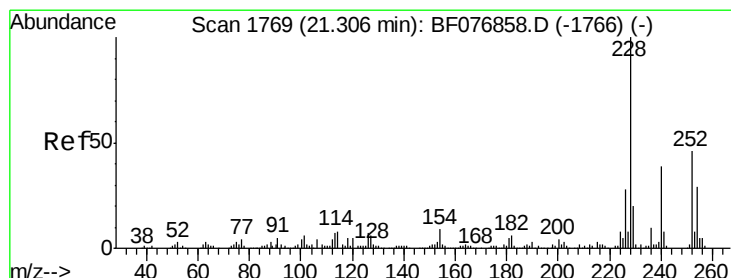
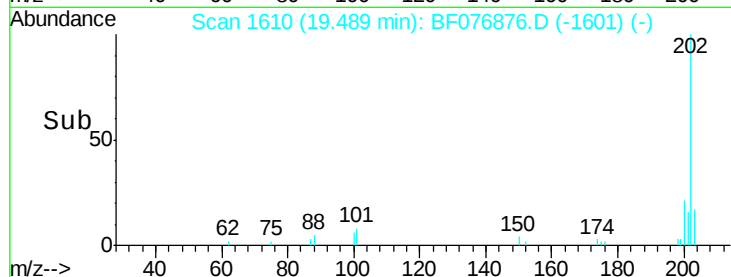
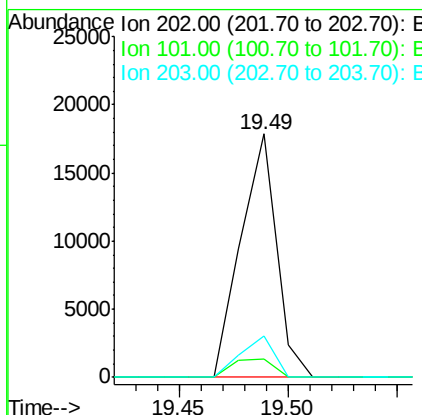
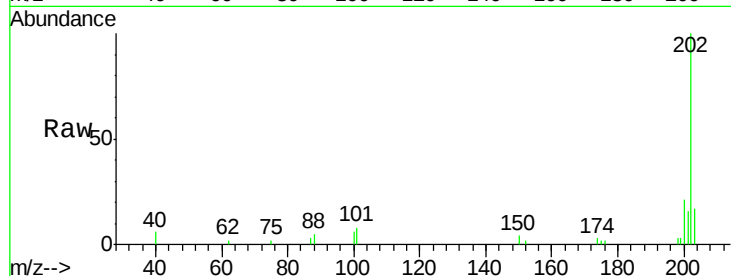




#74
 Fluoranthene
 Concen: 2.89 ng
 RT: 19.49 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF076876.D
 Acq: 15 Jan 2015 10:28

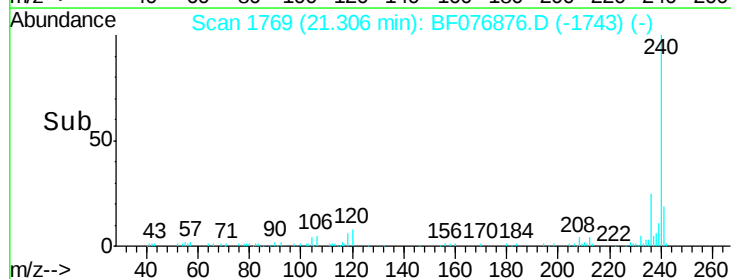
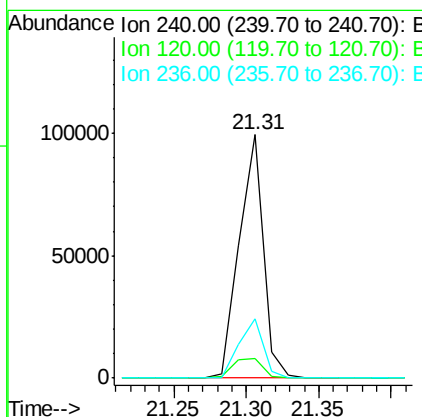
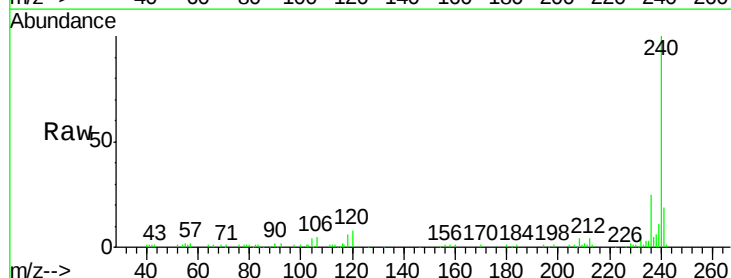
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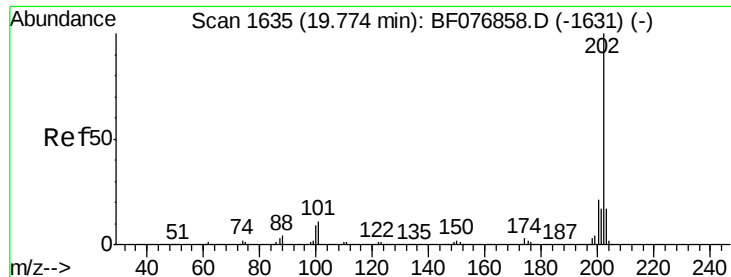
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.7
203	17.1	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076876.D
 Acq: 15 Jan 2015 10:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	10.4	15.6#
236	24.5	20.2	30.2





#77

Pvrene

Concen: 2.22 ng

RT: 19.76 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-04-004-A

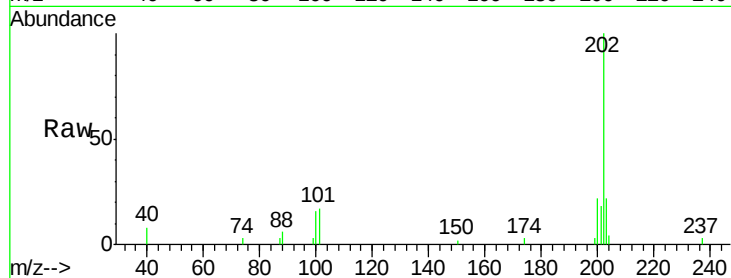
Tot Ion:202 Resp: 17525

Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

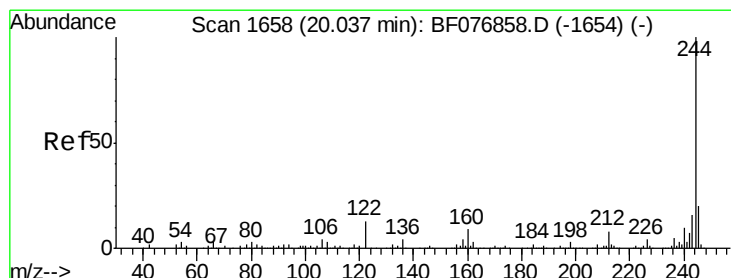
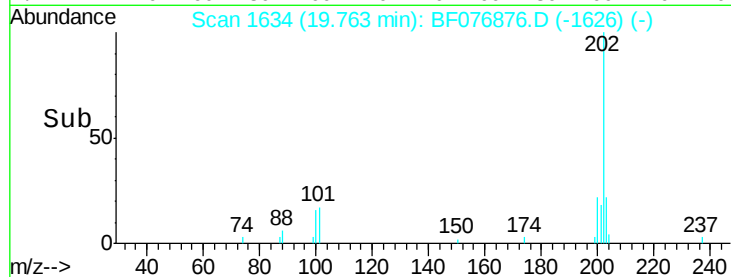
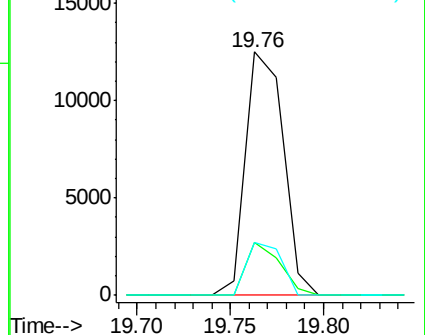
203 21.6 14.0 21.0#



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: 48.45 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076876.D

Acq: 15 Jan 2015 10:28

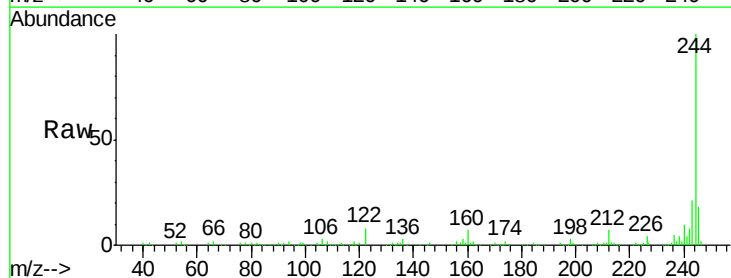
Tgt Ion:244 Resp: 242356

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

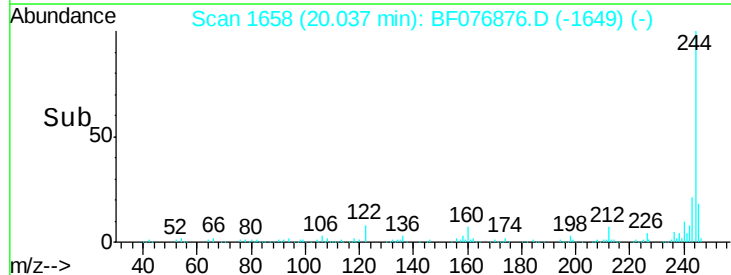
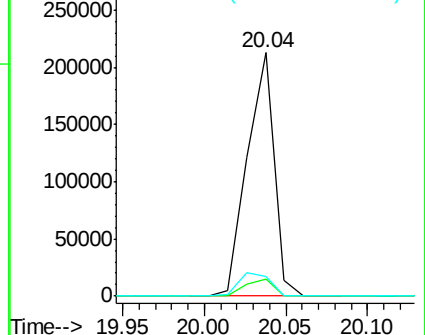
122 8.0 10.1 15.1#

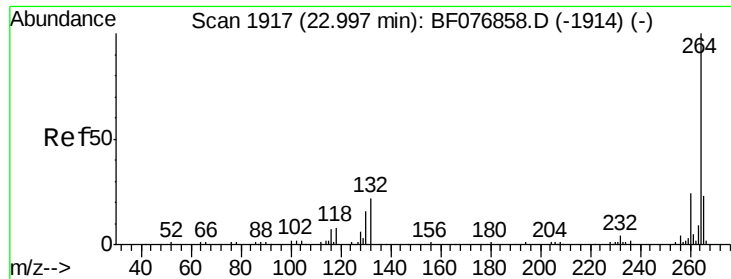


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

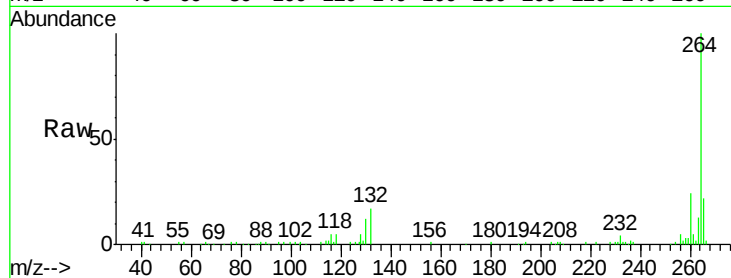




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.95 min Scan# 1913
 Delta R.T. -0.05 min
 Lab File: BF076876.D
 Acq: 15 Jan 2015 10:28

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

Tot Ion: 264 Resp: 101049
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.1 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

