

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106965.D
 Acq On : 29 Jun 2018 11:46
 Operator : JU/SJ
 Sample : J3746-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

Quant Time: Jun 29 13:25:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 11:40:02 2018
 Response via : Initial Calibration

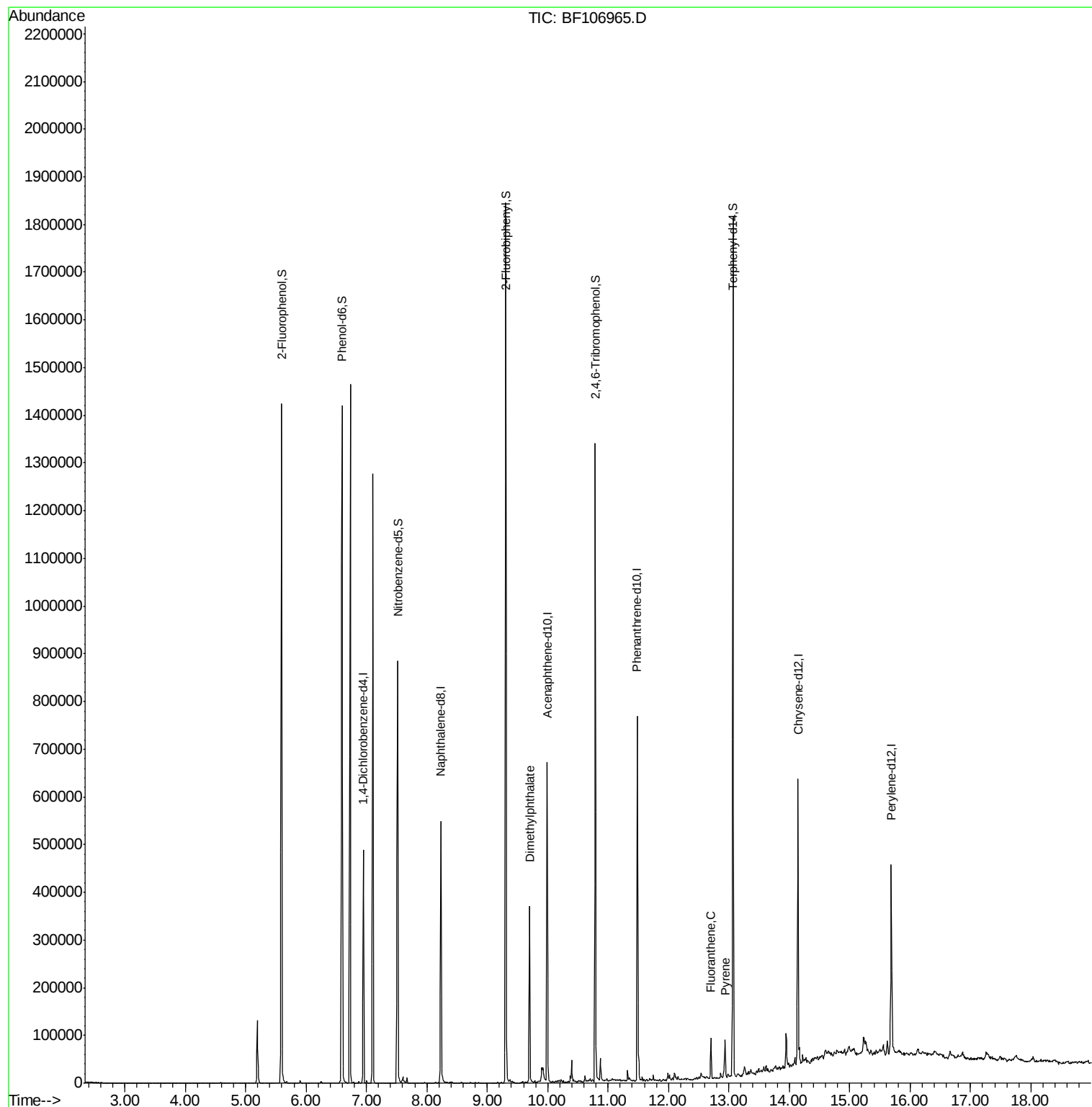
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70036	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	278912	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	149477	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	303951	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	206968	20.00	ng	-0.02
86) Perylene-d12	15.69	264	210279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	403343	97.52	ng	0.00
7) Phenol-d6	6.60	99	516513	100.00	ng	-0.02
23) Nitrobenzene-d5	7.52	82	326745	65.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	198869	114.79	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	593788	63.51	ng	-0.02
78) Terphenyl-d14	13.07	244	677250	79.26	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	156628	13.971	ng	Qvalue # 99
74) Fluoranthene	12.70	202	32871	2.034	ng	96
77) Pyrene	12.94	202	32162	2.357	ng	98

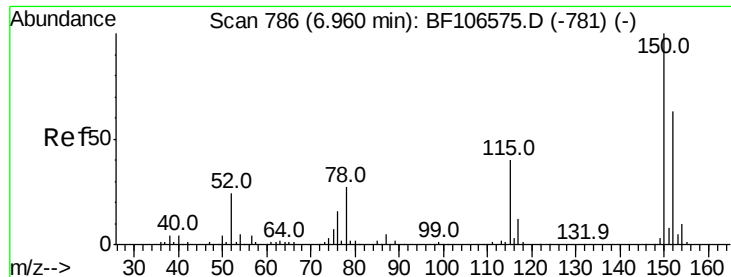
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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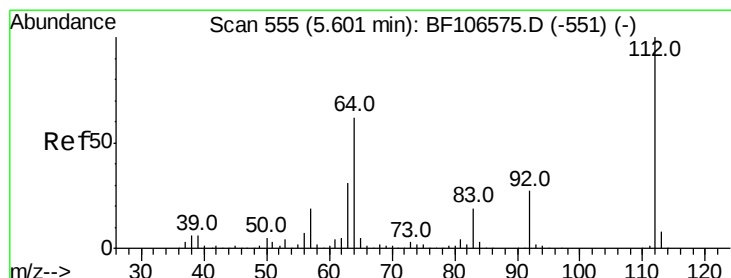
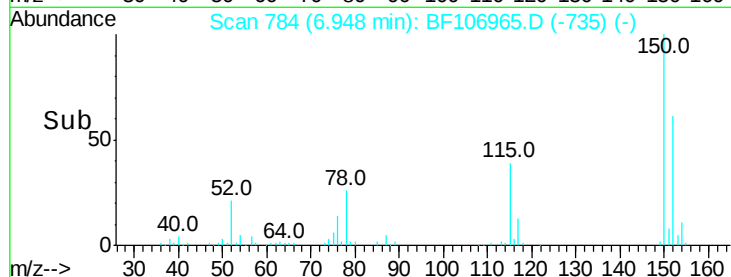
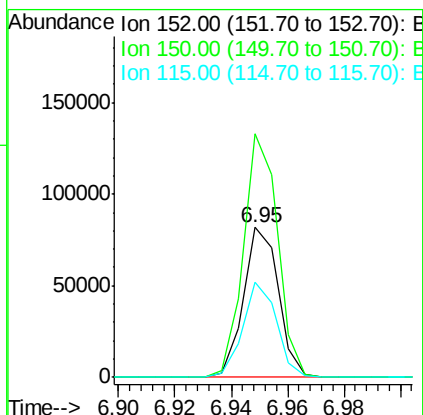
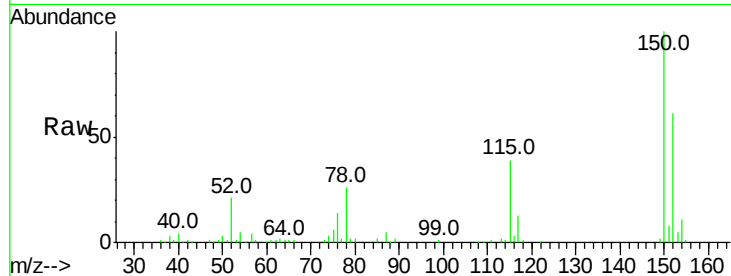


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF106965.D
 Acq: 29 Jun 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

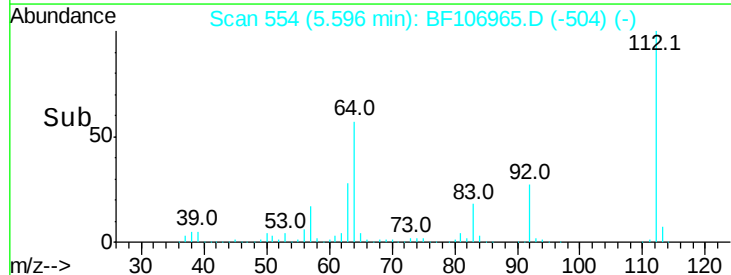
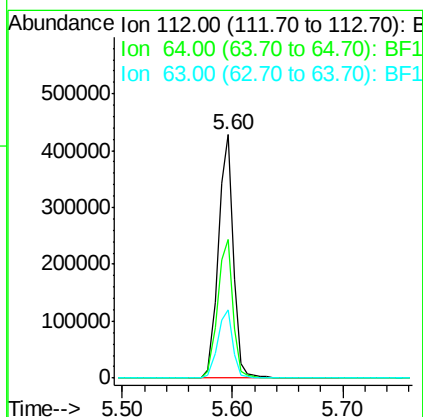
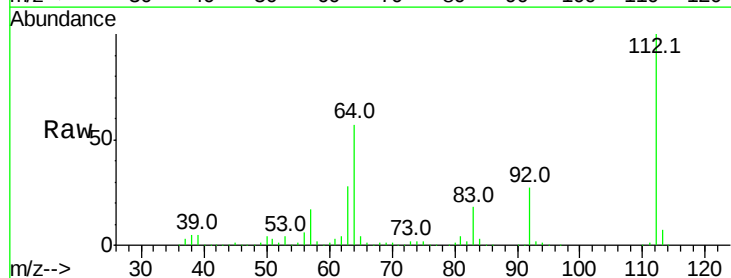
Tot Ion:152 Resp: 70036
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.6 186.8
 115 63.6 50.1 75.1



#5

2-Fluorophenol
 Concen: 97.520 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106965.D
 Acq: 29 Jun 2018 11:46

Tgt Ion:112 Resp: 403343
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 100.001 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106965.D

Acq: 29 Jun 2018 11:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A

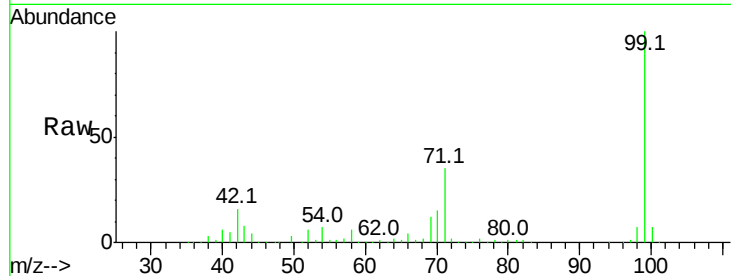
Tot Ion: 99 Resp: 516513

Ion Ratio Lower Upper

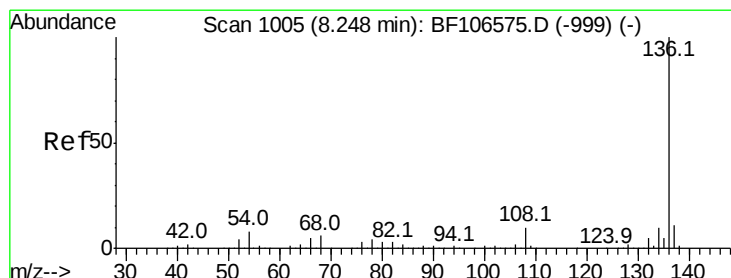
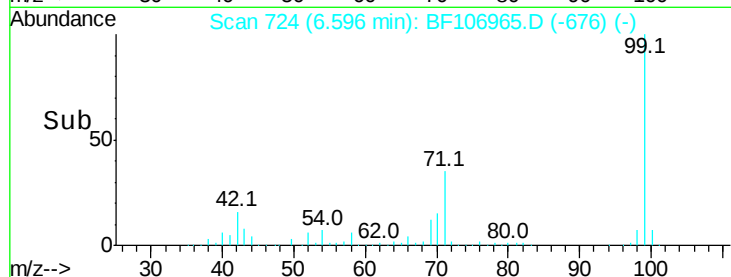
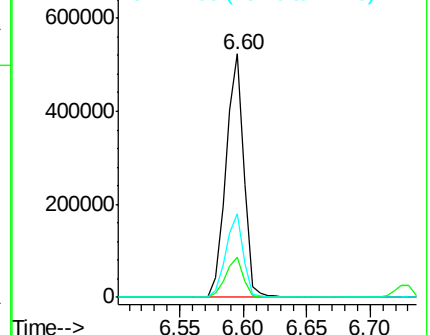
99 100

42 16.4 14.5 21.7

71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF106965.D

Acq: 29 Jun 2018 11:46

Tgt Ion: 136 Resp: 278912

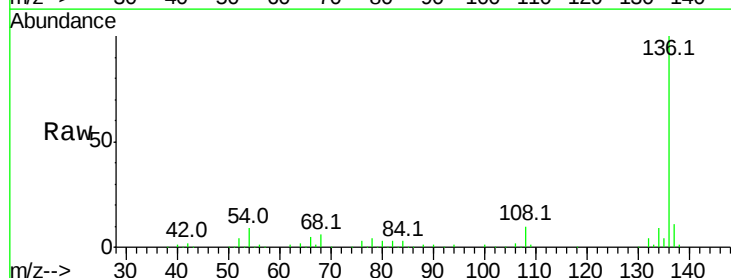
Ion Ratio Lower Upper

136 100

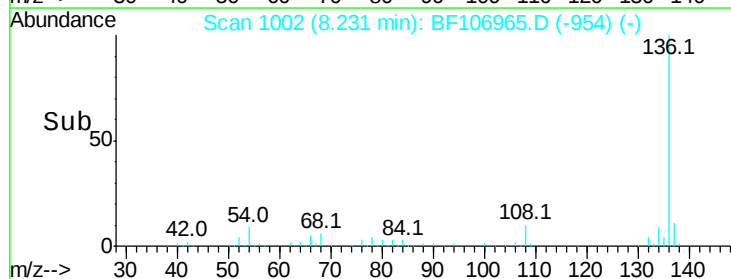
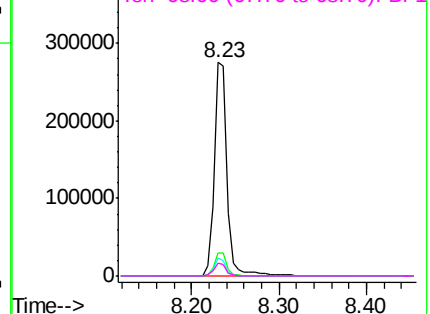
137 10.7 8.9 13.3

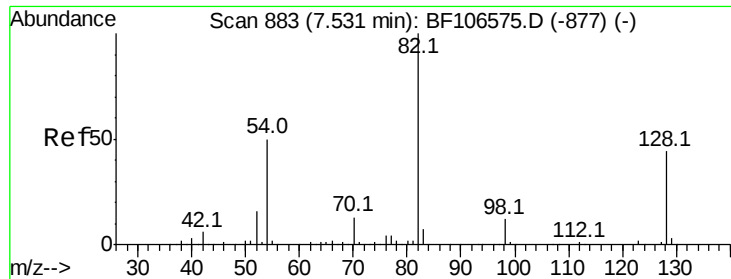
54 8.6 6.6 9.8

68 6.2 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

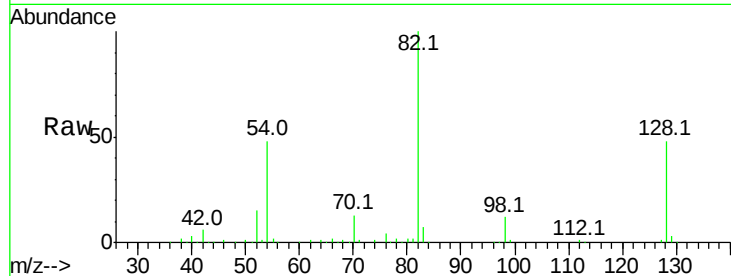




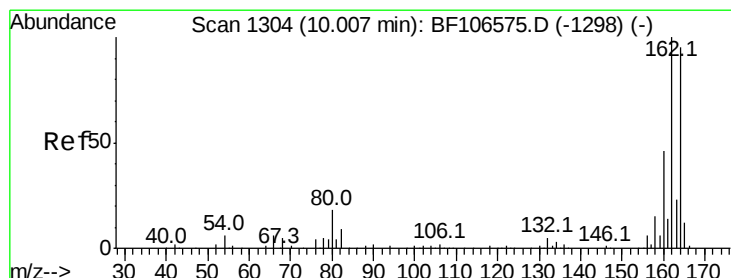
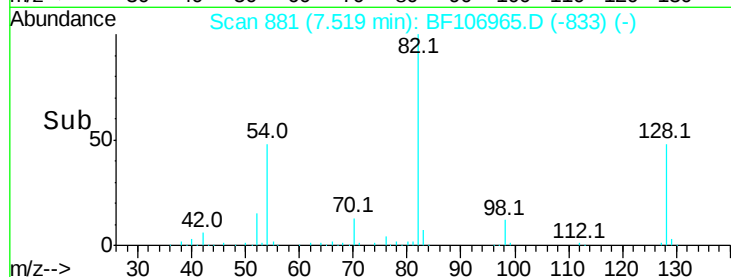
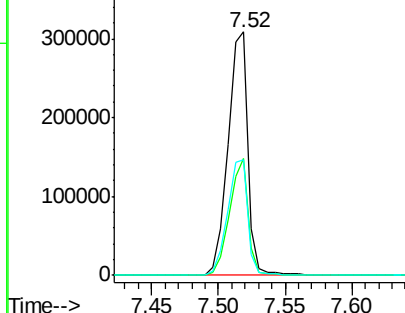
#23
Nitrobenzene-d5
Concen: 65.104 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106965.D
Acq: 29 Jun 2018 11:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

Tot Ion: 82 Resp: 326745
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 47.7 41.4 62.2

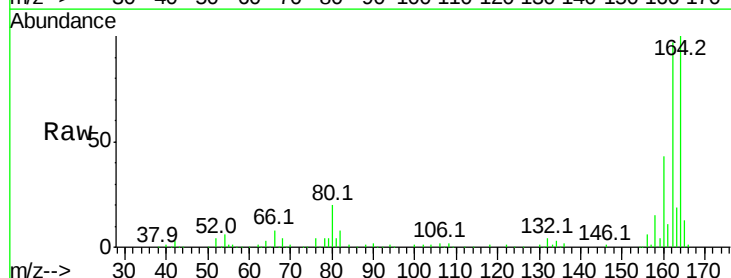


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

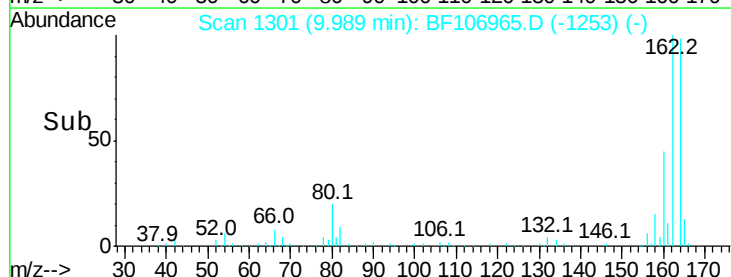
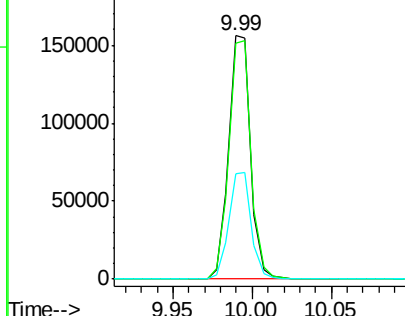


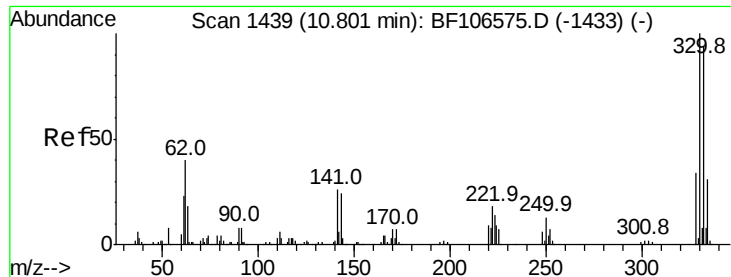
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106965.D
Acq: 29 Jun 2018 11:46

Tgt Ion: 164 Resp: 149477
Ion Ratio Lower Upper
164 100
162 97.0 86.1 129.1
160 43.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

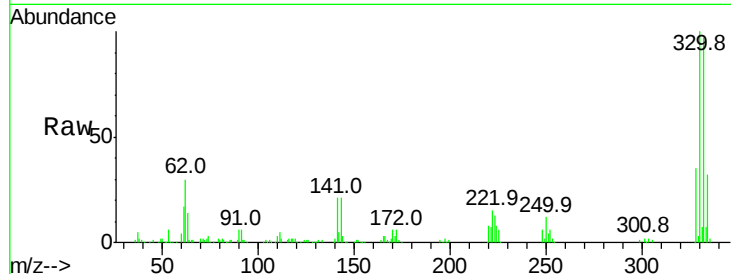




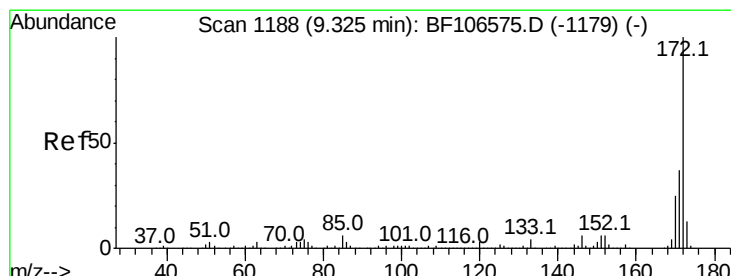
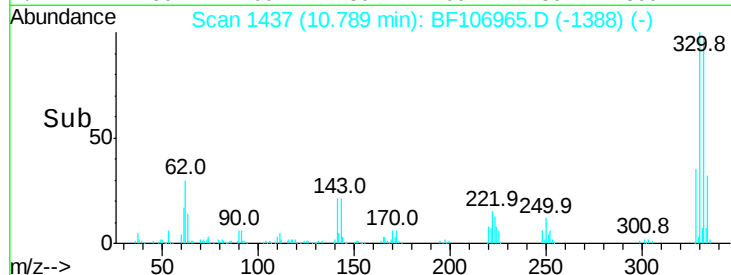
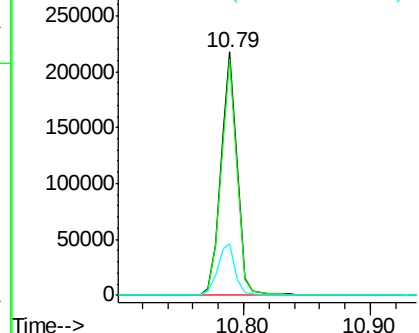
#41
 2,4,6-Tribromophenol
 Concen: 114.789 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106965.D
 Acq: 29 Jun 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	22.7	29.9	44.9#

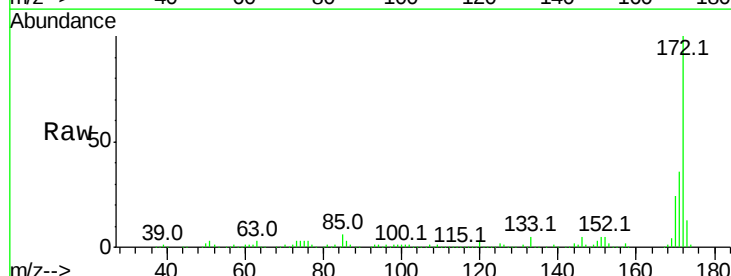


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

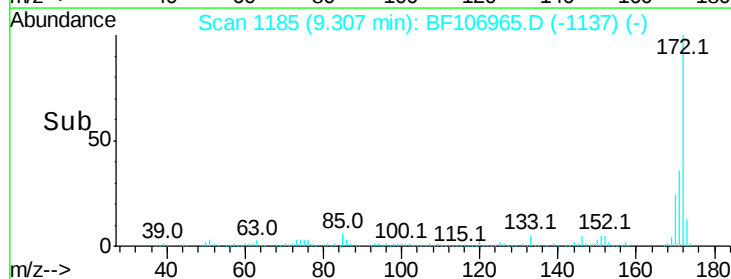
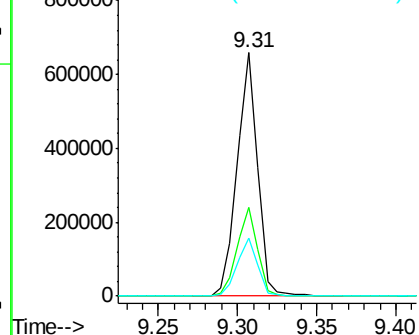


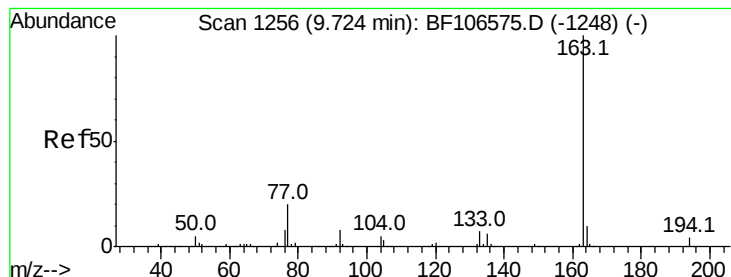
#44
 2-Fluorobiphenyl
 Concen: 63.509 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106965.D
 Acq: 29 Jun 2018 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4



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: 13.971 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106965.D

Acq: 29 Jun 2018 11:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A

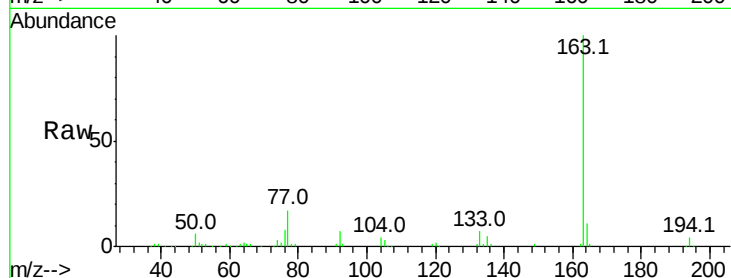
Tot Ion:163 Resp: 156628

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

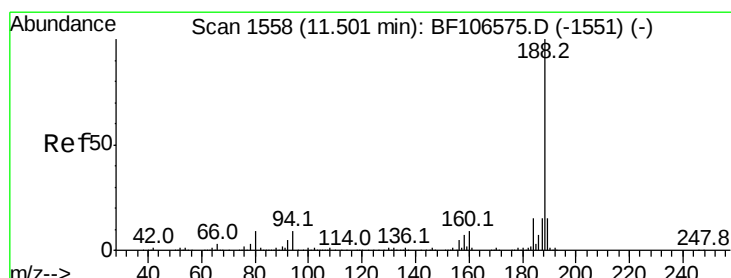
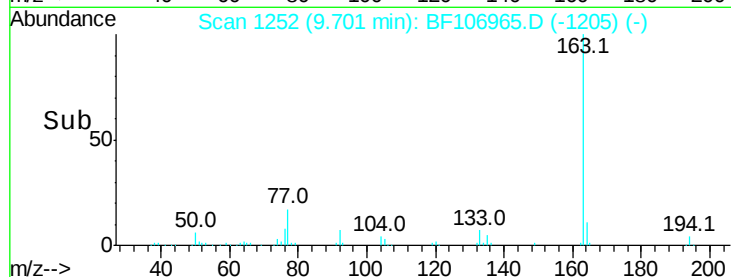
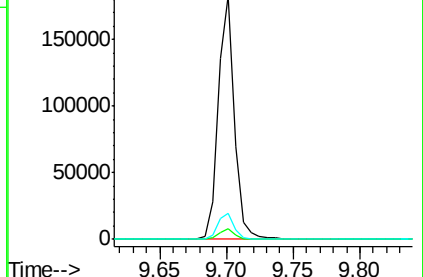
164 10.5 8.2 12.2



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: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106965.D

Acq: 29 Jun 2018 11:46

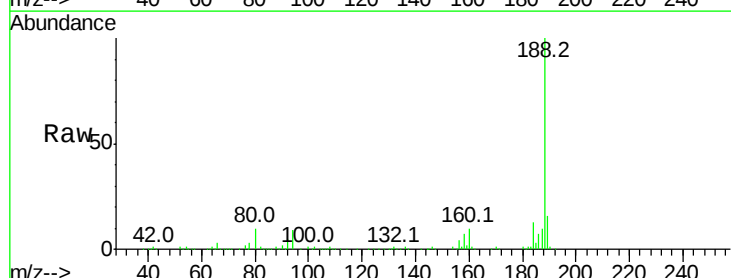
Tgt Ion:188 Resp: 303951

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

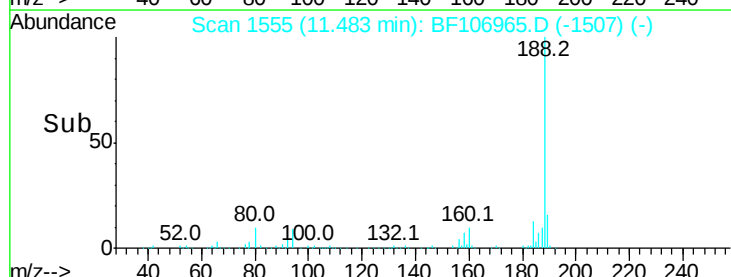
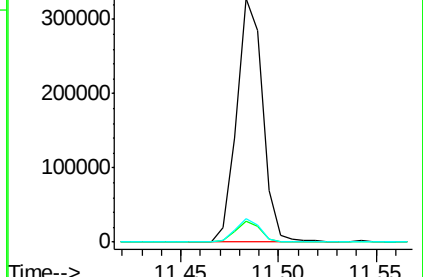
80 9.9 9.2 13.8

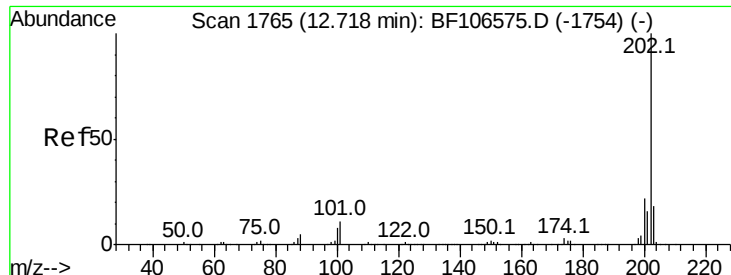


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.034 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF106965.D

Acq: 29 Jun 2018 11:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-A

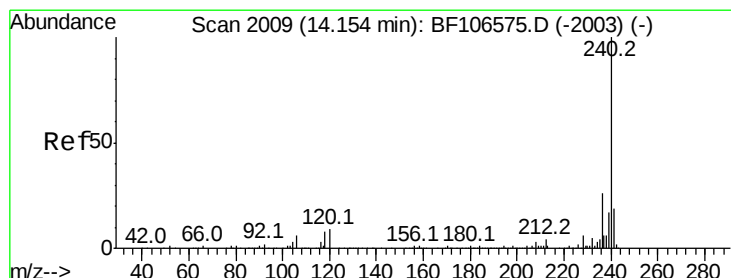
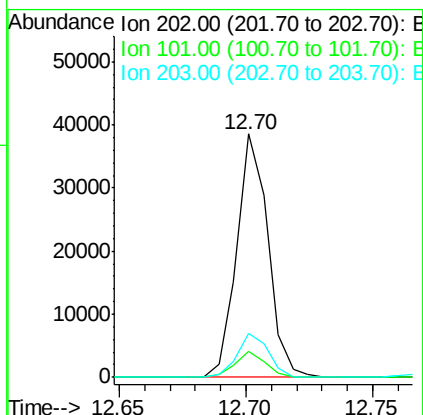
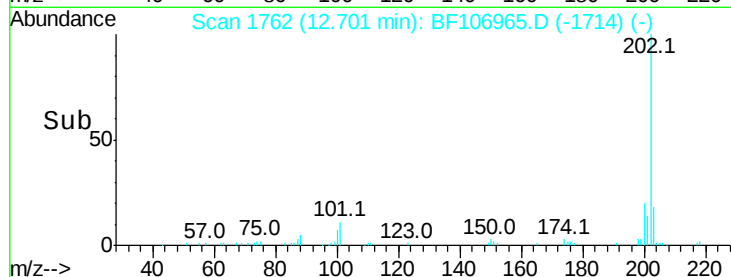
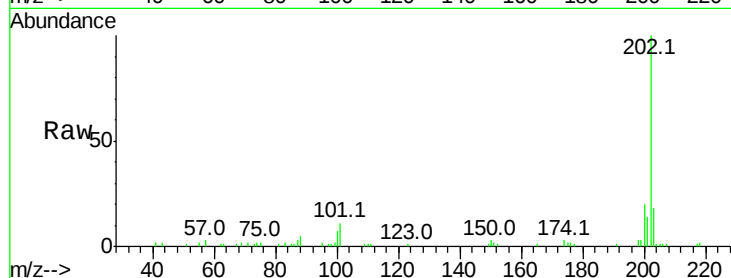
Tot Ion:202 Resp: 32871

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

203 17.9 0.0 38.1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106965.D

Acq: 29 Jun 2018 11:46

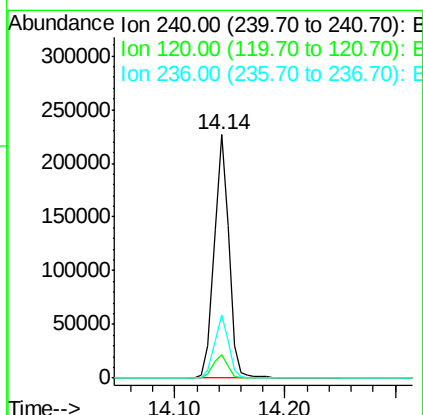
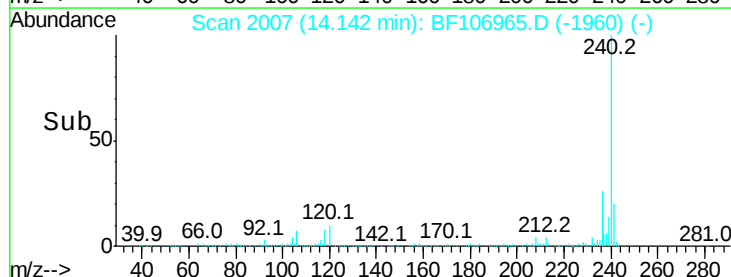
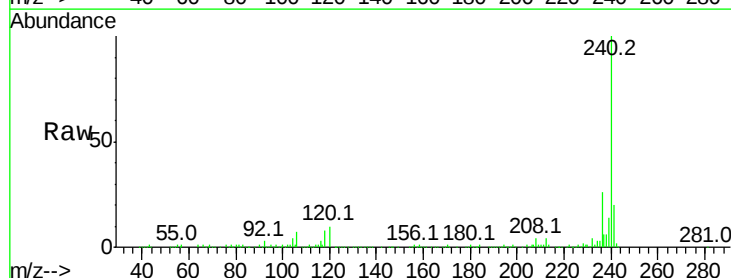
Tgt Ion:240 Resp: 206968

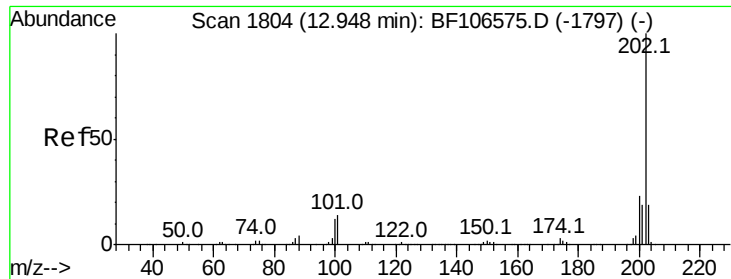
Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

236 25.9 20.7 31.1

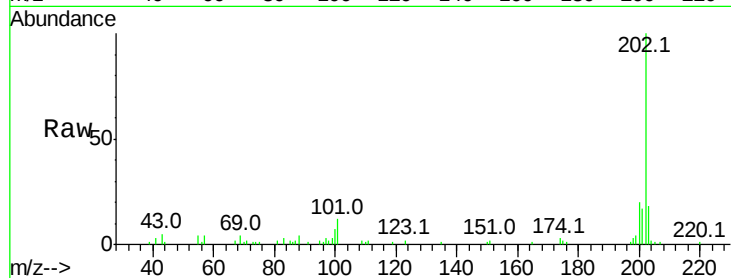




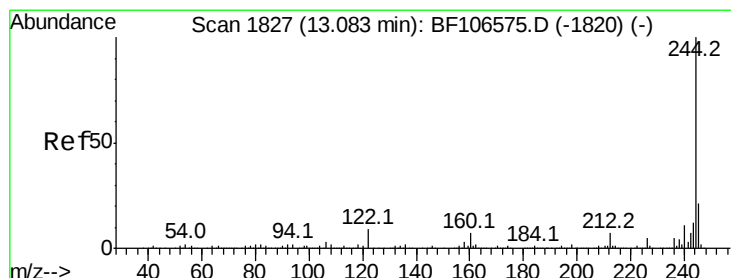
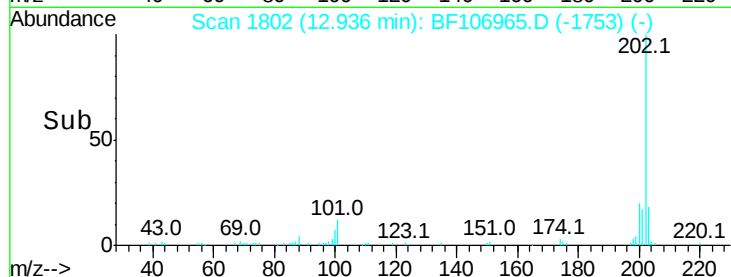
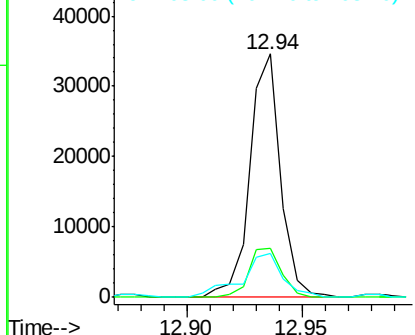
#77
Pvrene
Concen: 2.357 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106965.D
Acq: 29 Jun 2018 11:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-A

Tot Ion:202 Resp: 32162
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 17.9 14.3 21.5

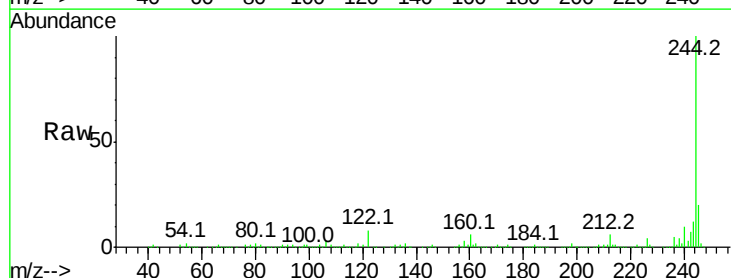


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

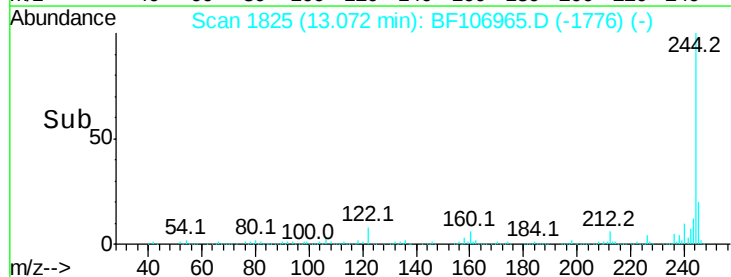
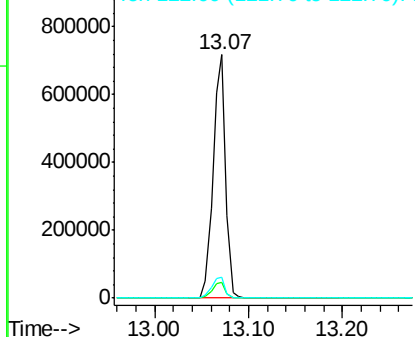


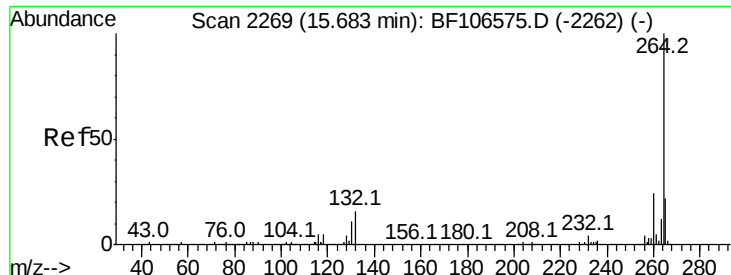
#78
Terphenyl-d14
Concen: 79.264 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106965.D
Acq: 29 Jun 2018 11:46

Tgt Ion:244 Resp: 677250
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 8.5 11.0 16.4#



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: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106965.D
 Acq: 29 Jun 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

