

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106949.D
 Acq On : 29 Jun 2018 4:02
 Operator : JU/SJ
 Sample : J3746-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 29 07:02:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

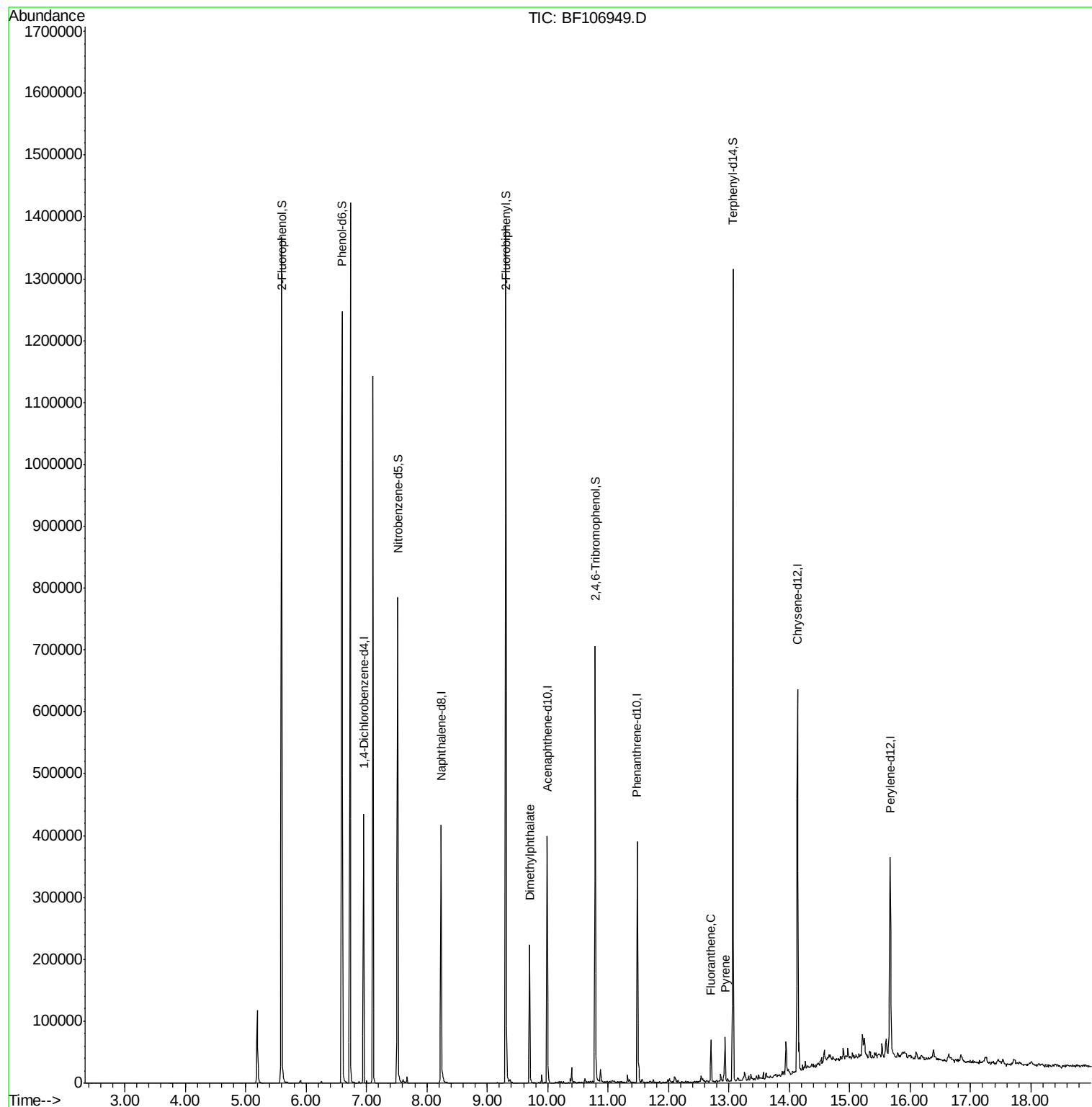
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62665	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	215392	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	87728	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	158338	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	205826	20.00	ng	-0.03
86) Perylene-d12	15.67	264	172151	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	380075	102.70	ng	0.00
7) Phenol-d6	6.60	99	448742	97.10	ng	-0.02
23) Nitrobenzene-d5	7.52	82	273066	70.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	107530	105.75	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	435919	83.92	ng	-0.02
78) Terphenyl-d14	13.07	244	500403	58.89	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	96289	14.634	ng	99
74) Fluoranthene	12.70	202	28804	3.422	ng	96
77) Pyrene	12.94	202	30095	2.217	ng	97

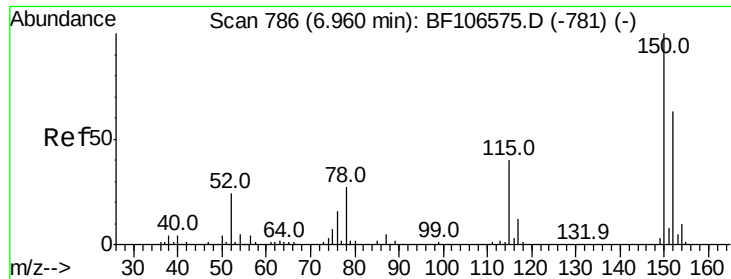
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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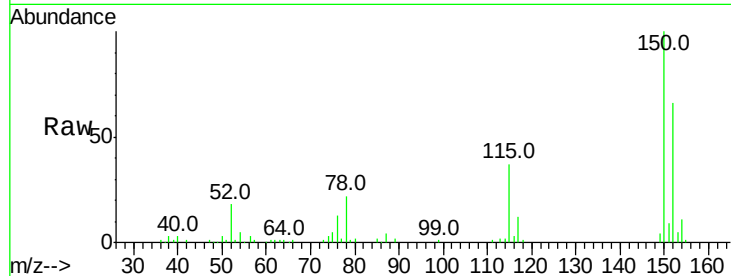


#1

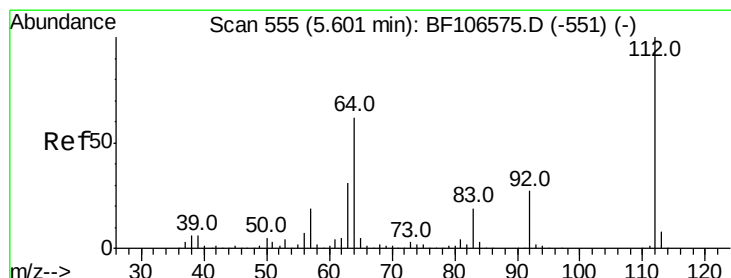
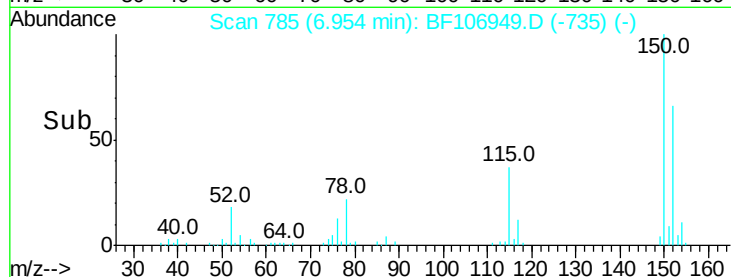
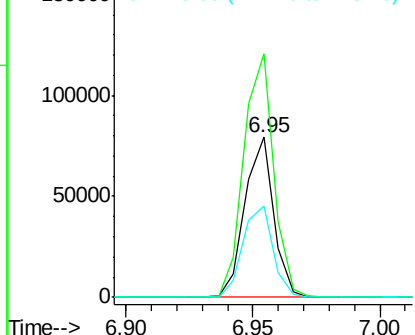
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

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

Tot Ion:152 Resp: 62665
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 56.6 50.1 75.1



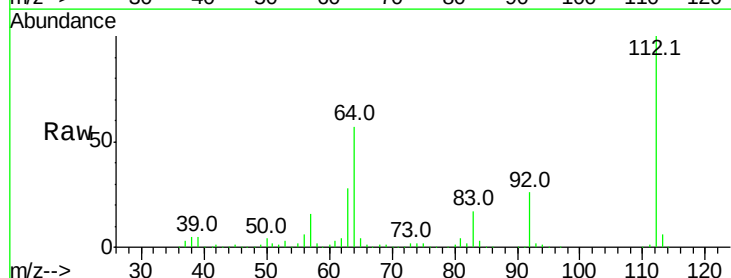
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



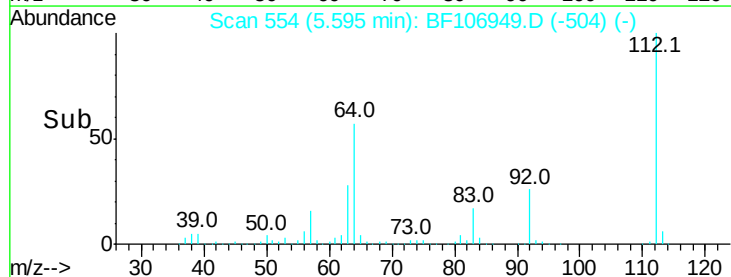
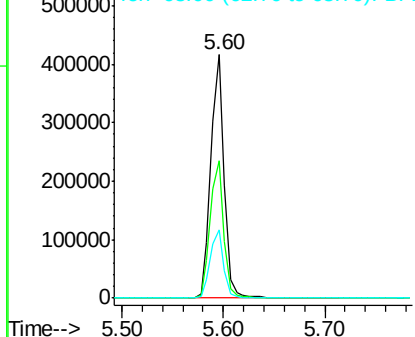
#5

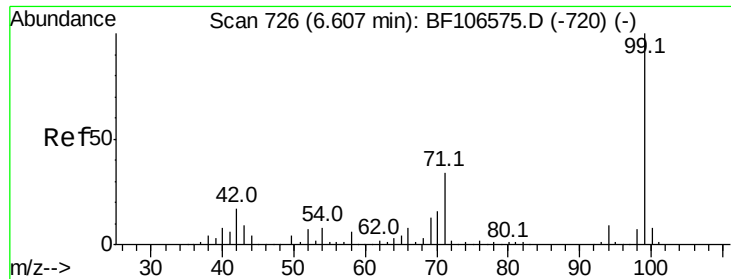
2-Fluorophenol
Concen: 102.703 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:112 Resp: 380075
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.099 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-B

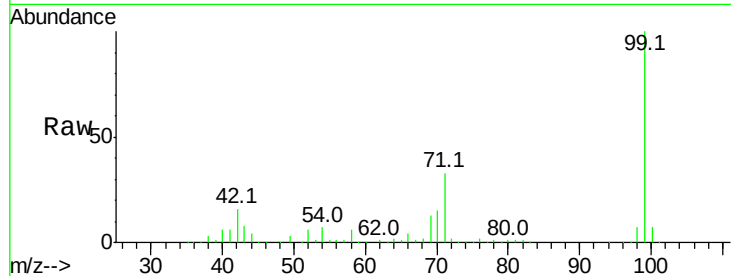
Tot Ion: 99 Resp: 448742

Ion Ratio Lower Upper

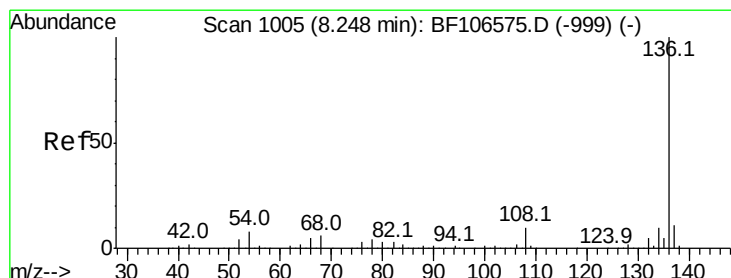
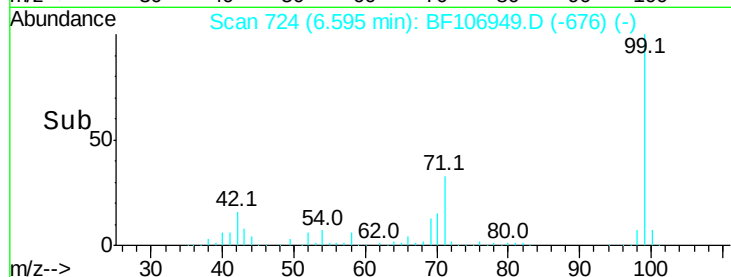
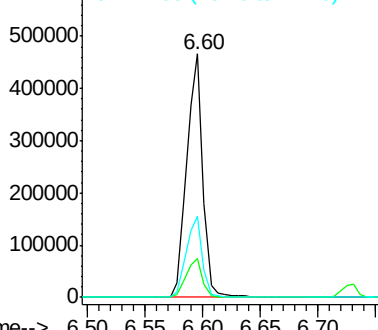
99 100

42 15.9 14.5 21.7

71 33.3 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Tgt Ion: 136 Resp: 215392

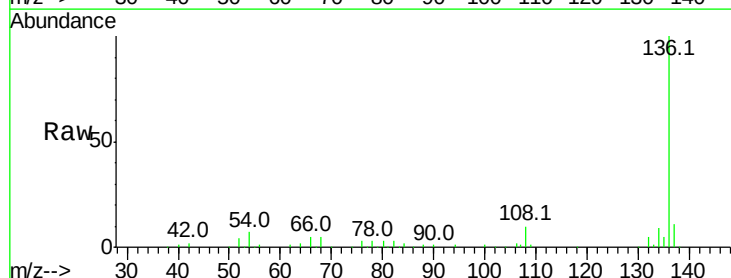
Ion Ratio Lower Upper

136 100

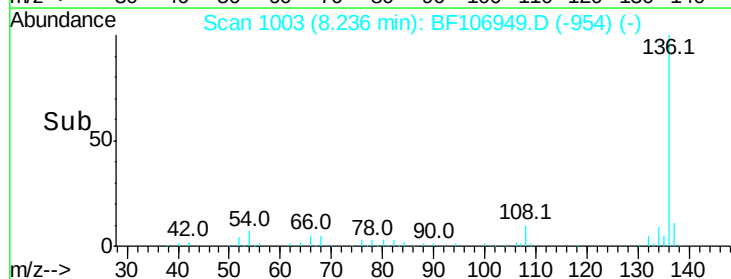
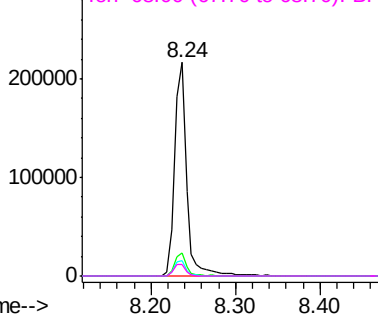
137 10.5 8.9 13.3

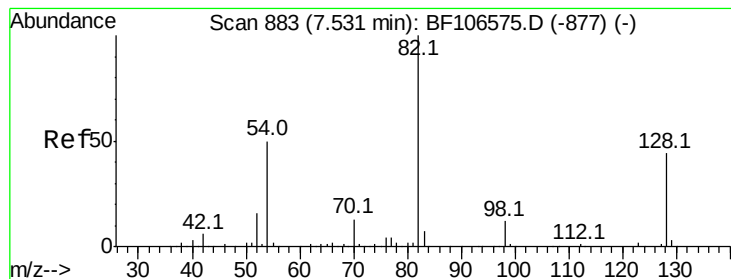
54 7.1 6.6 9.8

68 5.3 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: 70.454 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-B

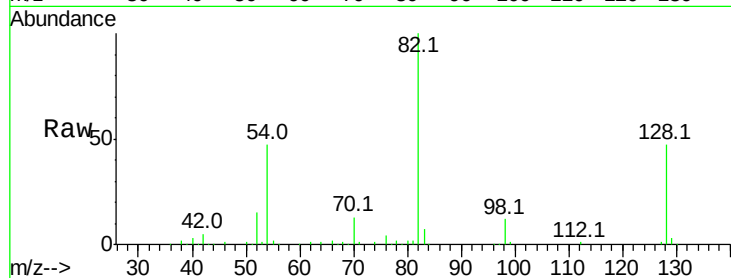
Tot Ion: 82 Resp: 273066

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

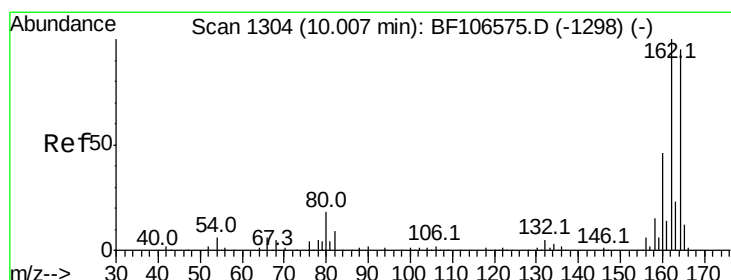
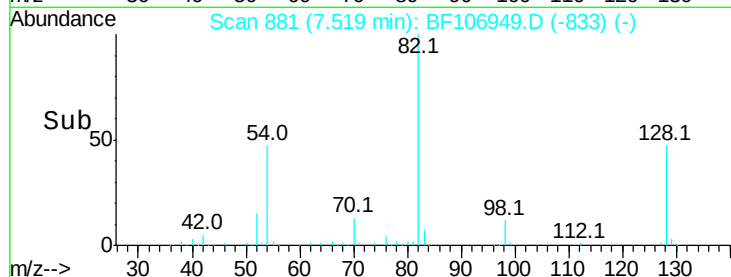
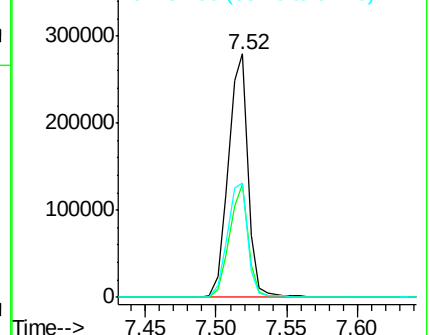
54 47.0 41.4 62.2



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

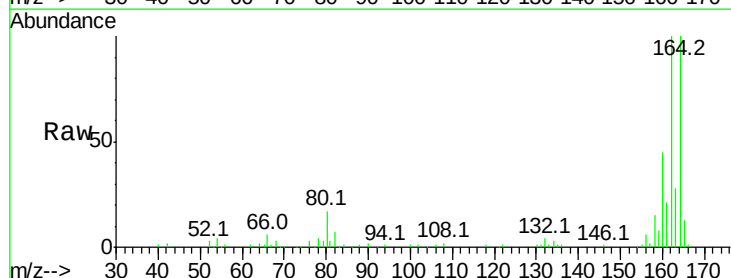
Tgt Ion: 164 Resp: 87728

Ion Ratio Lower Upper

164 100

162 99.8 86.1 129.1

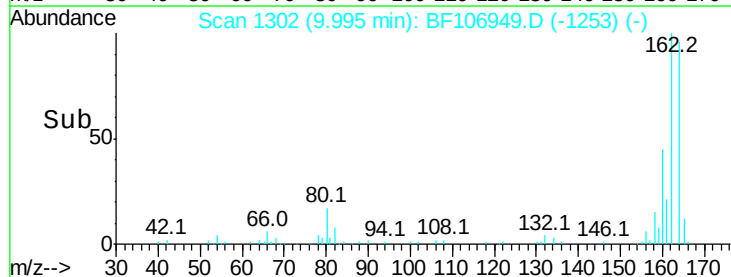
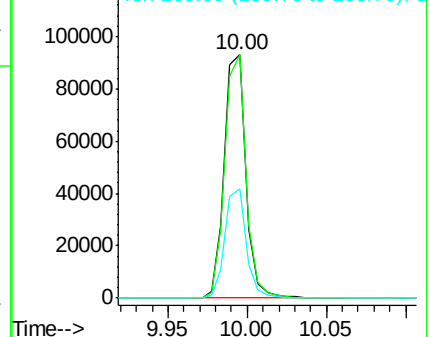
160 45.0 38.3 57.5

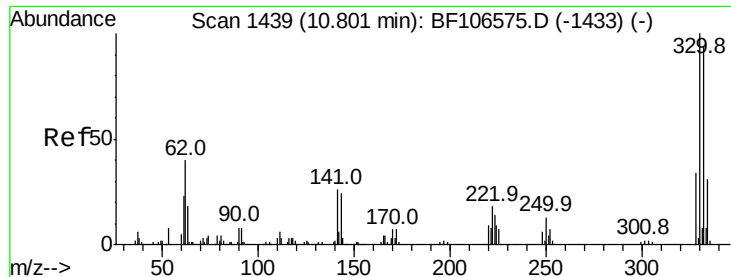


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

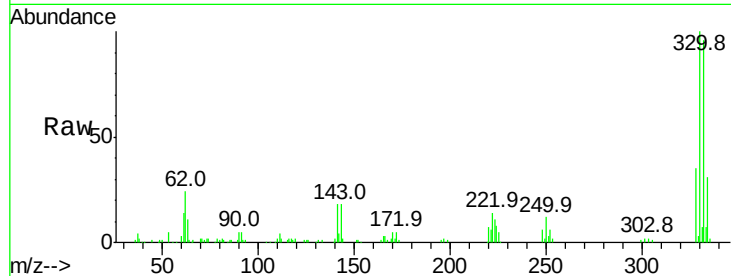




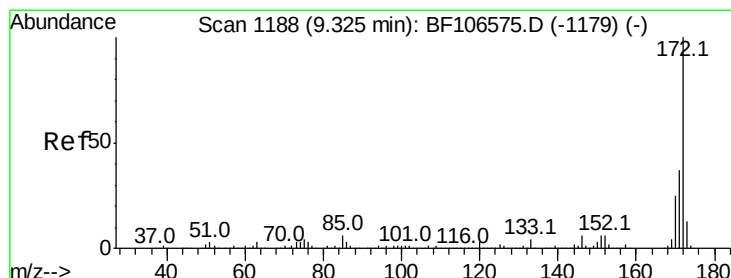
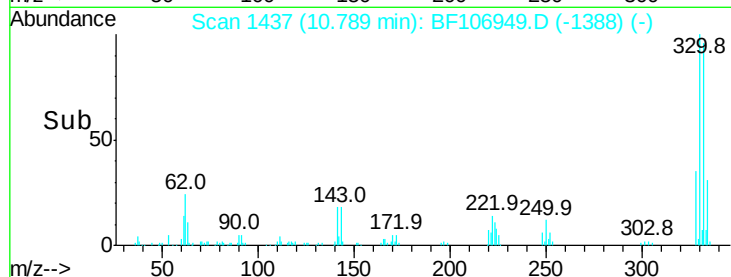
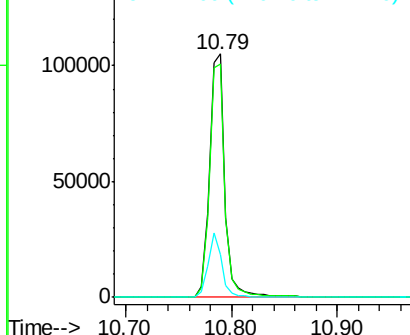
#41
 2,4,6-Tribromophenol
 Concen: 105.754 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	23.6	29.9	44.9

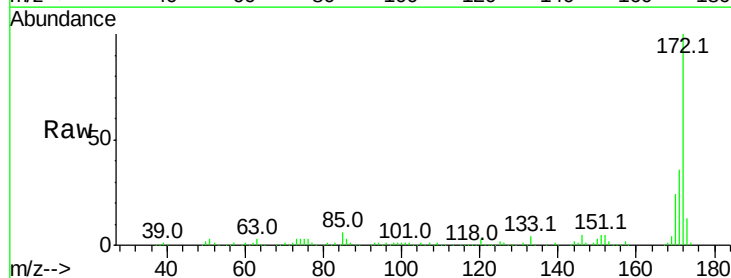


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

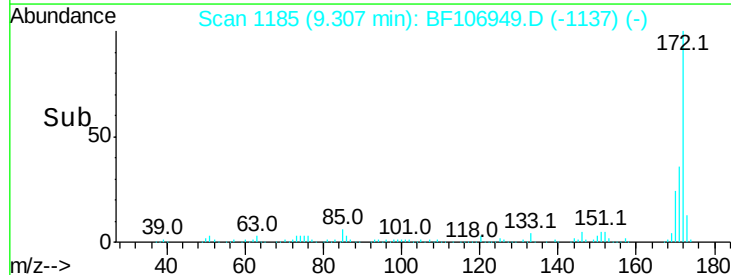
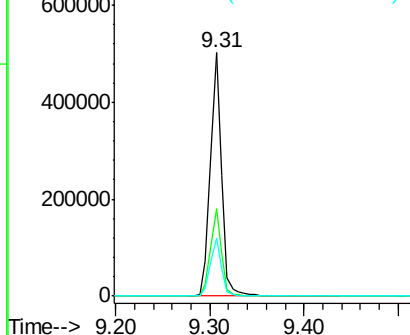


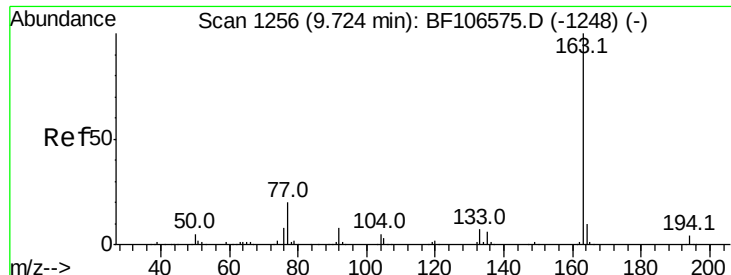
#44
 2-Fluorobiphenyl
 Concen: 83.919 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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

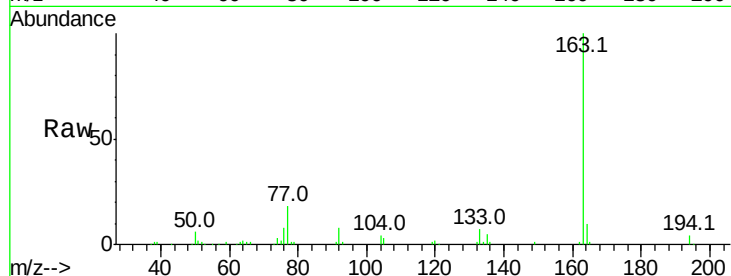




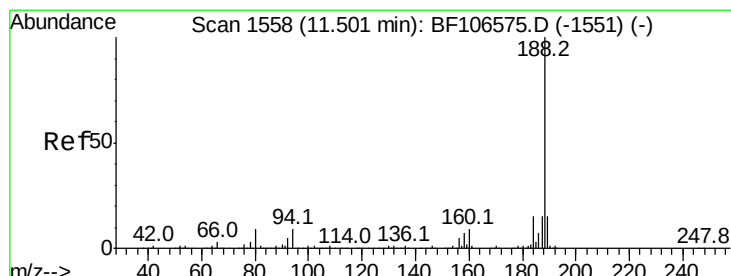
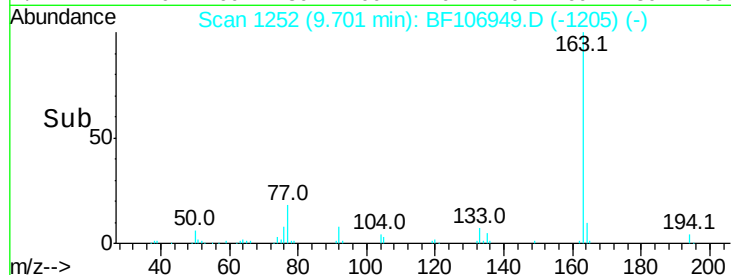
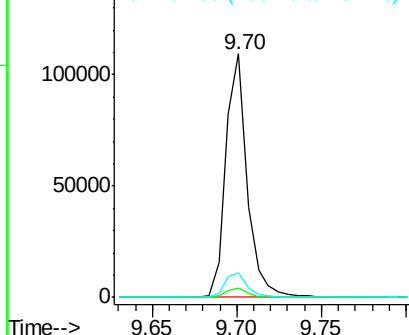
#49
Dimethylphthalate
Concen: 14.634 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

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

Tot Ion:163 Resp: 96289
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.4 8.2 12.2

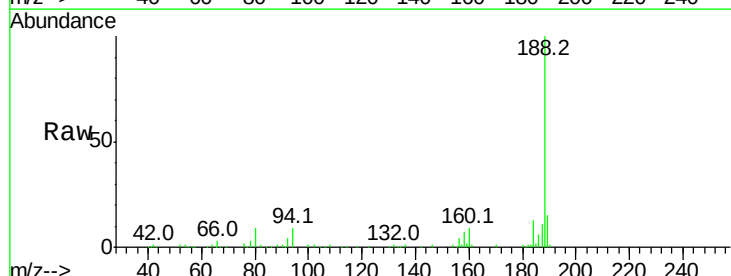


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

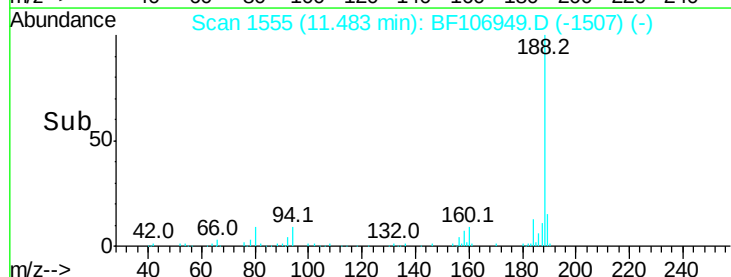
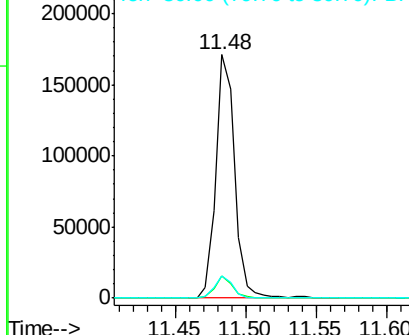


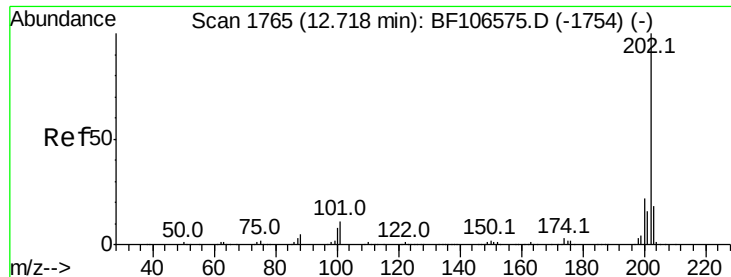
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:188 Resp: 158338
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.1 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: 3.422 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-B

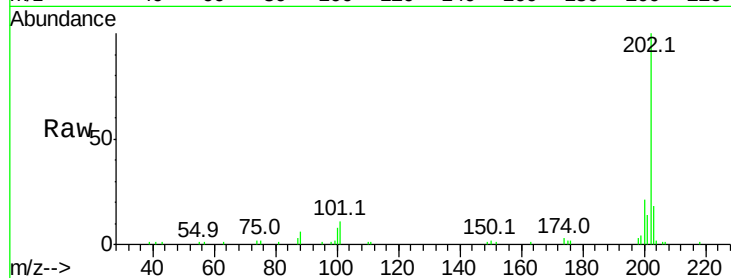
Tot Ion:202 Resp: 28804

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

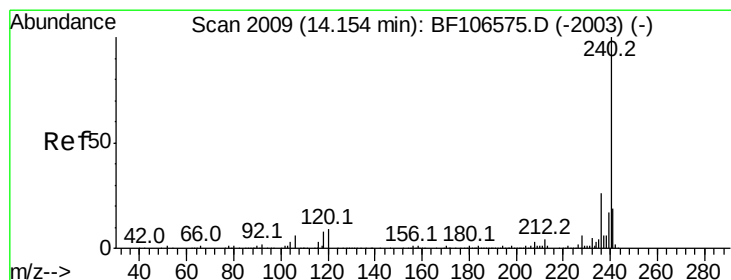
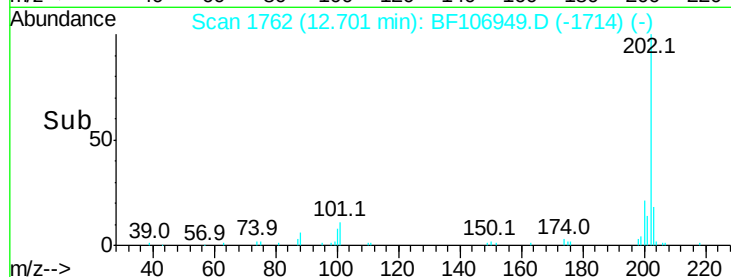
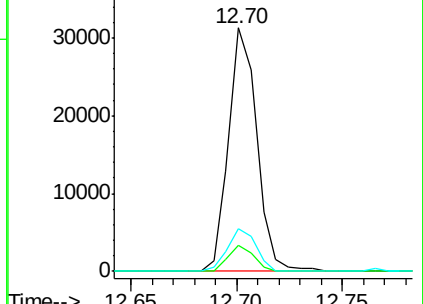
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

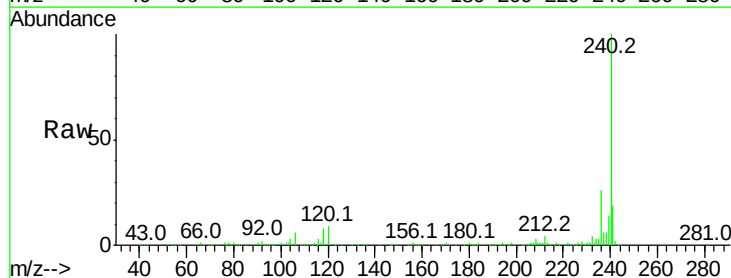
Tgt Ion:240 Resp: 205826

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

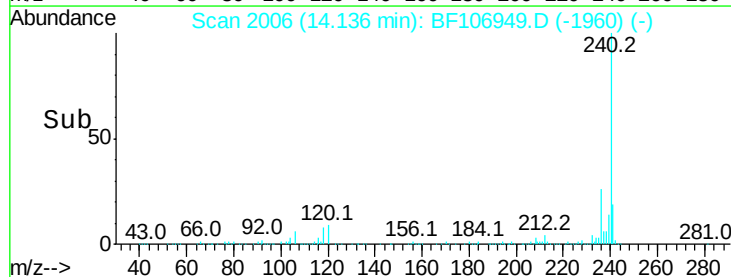
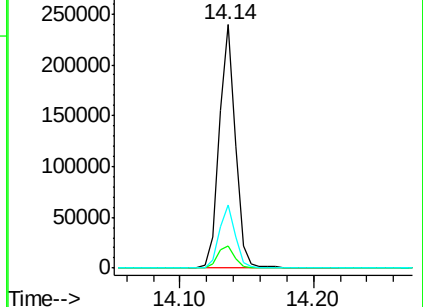
236 25.9 20.7 31.1

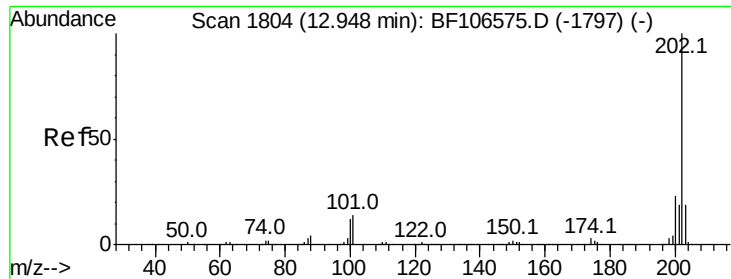


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

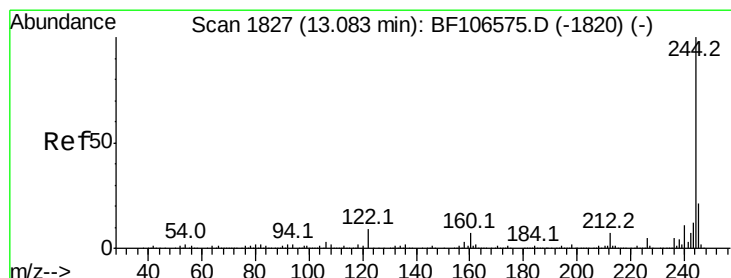
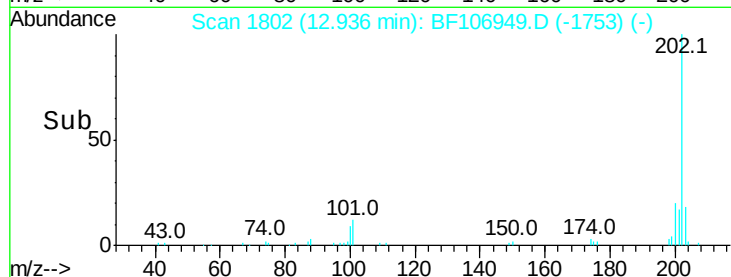
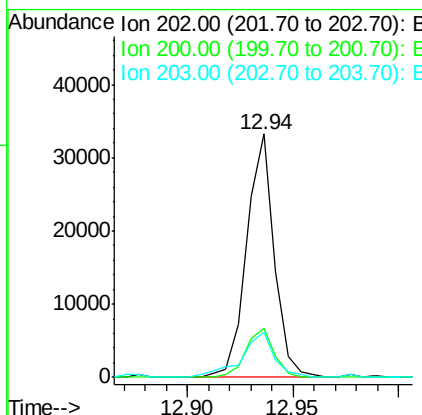
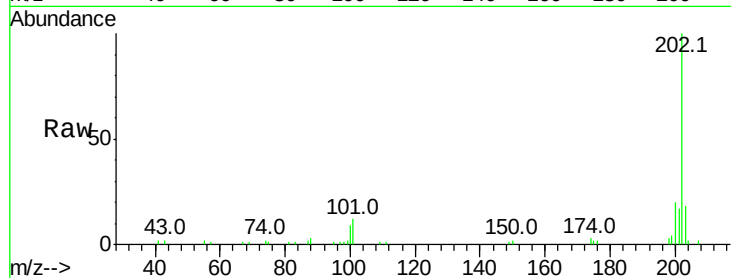




#77
Pvrene
Concen: 2.217 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

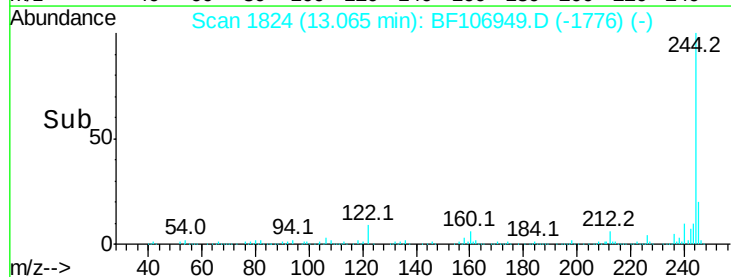
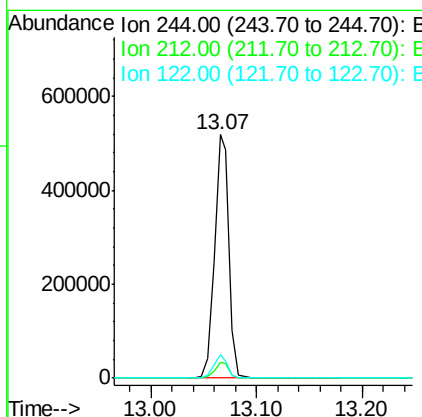
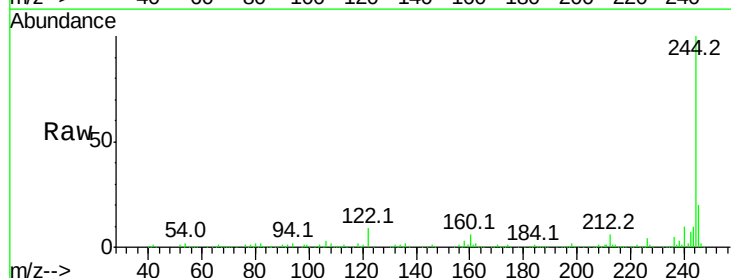
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

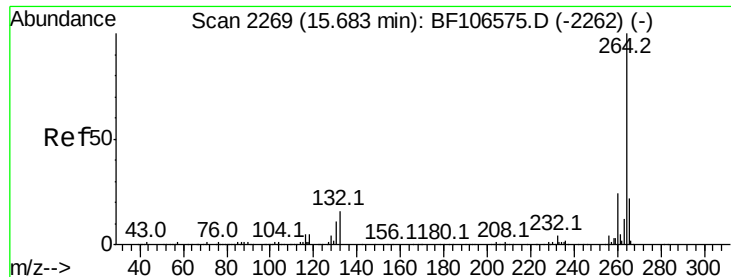
Tot Ion:202 Resp: 30095
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 18.4 14.3 21.5



#78
Terphenyl-d14
Concen: 58.891 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:244 Resp: 500403
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.5 11.0 16.4#

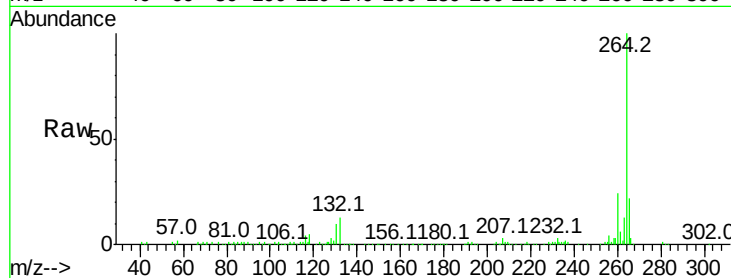




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3



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

