

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109713.D
 Acq On : 9 Oct 2018 23:43
 Operator : JU/SJ
 Sample : J5326-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Quant Time: Oct 10 10:20:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

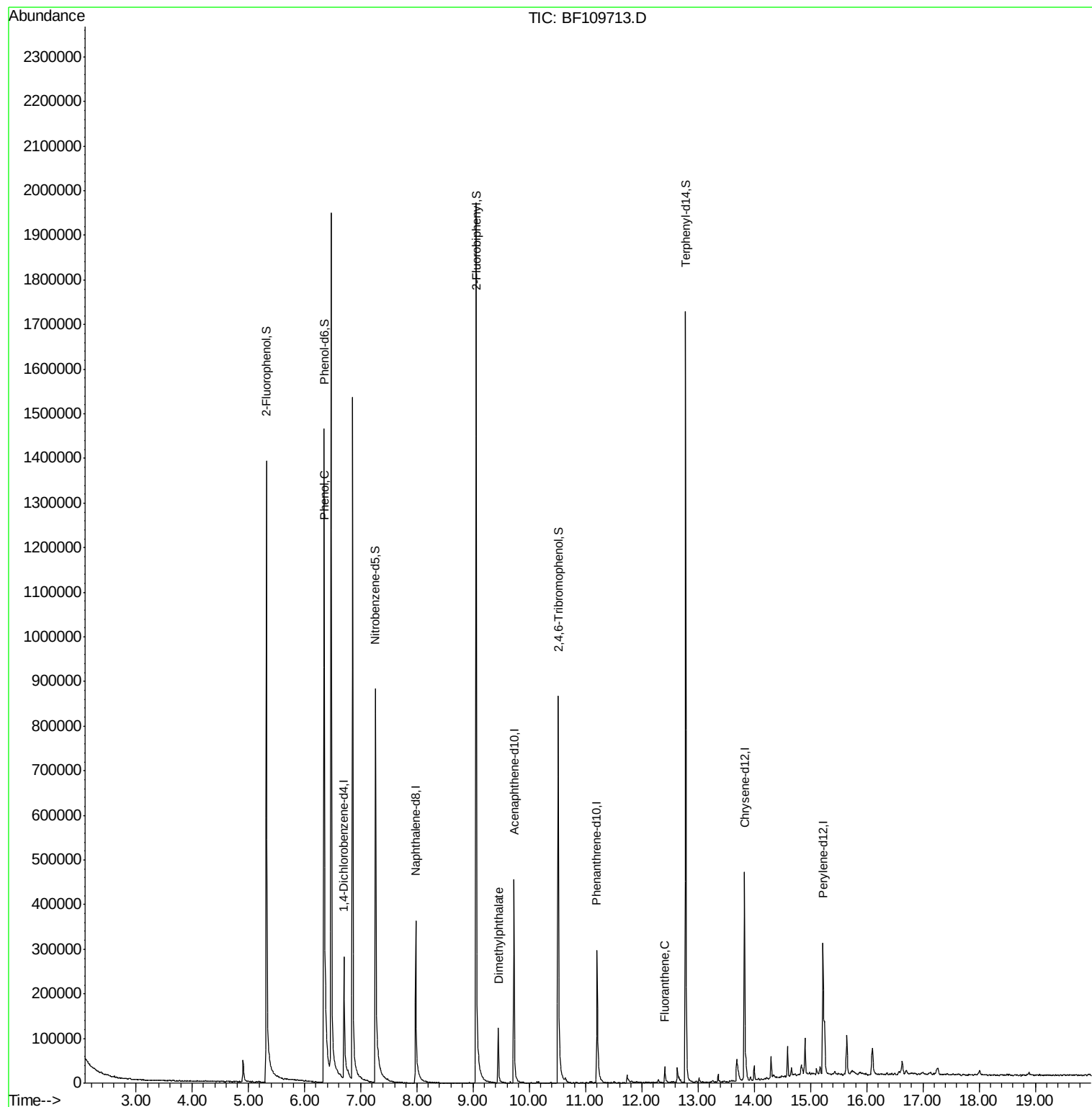
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	67633	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	266343	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	106369	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	181608	20.00	ng	0.00
75) Chrysene-d12	13.83	240	192106	20.00	ng	0.00
86) Perylene-d12	15.22	264	170578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	548661	144.00	ng	0.00
7) Phenol-d6	6.35	99	759309	149.18	ng	-0.01
23) Nitrobenzene-d5	7.26	82	487152	100.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	145540	125.57	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	762184	98.69	ng	0.00
78) Terphenyl-d14	12.78	244	640700	64.56	ng	0.00
Target Compounds						
10) Phenol	6.36	94	24298	4.163	ng	87
49) Dimethylphthalate	9.45	163	71976	9.226	ng	99
74) Fluoranthene	12.41	202	24330	2.563	ng	99

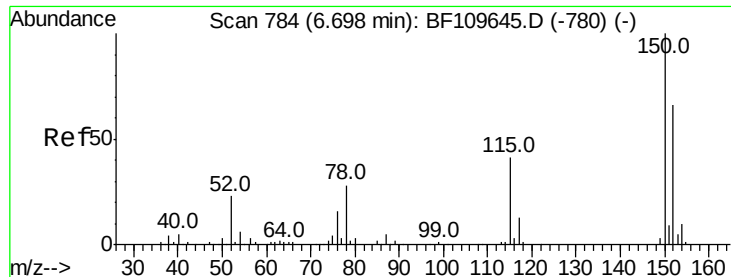
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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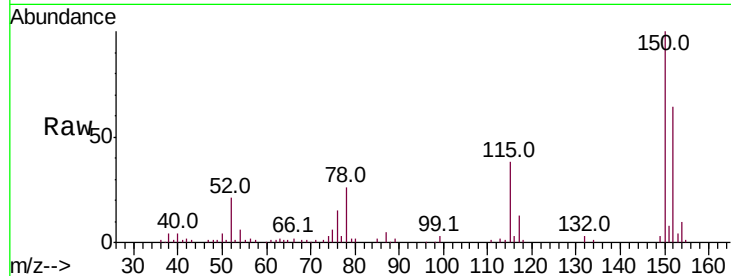


#1

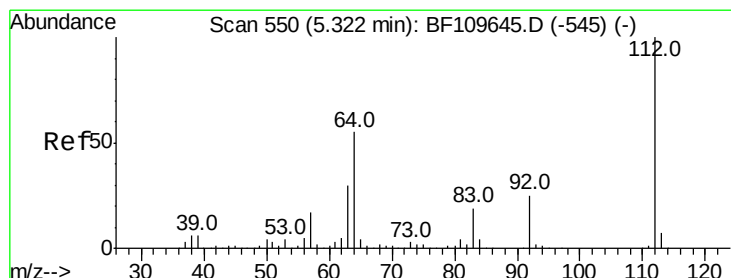
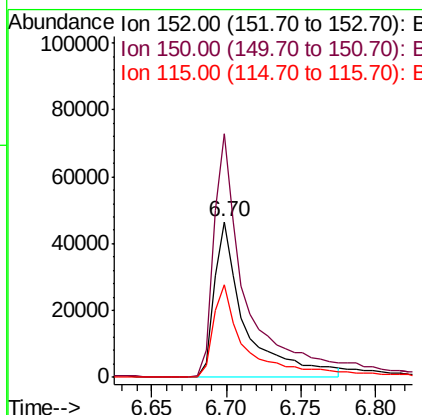
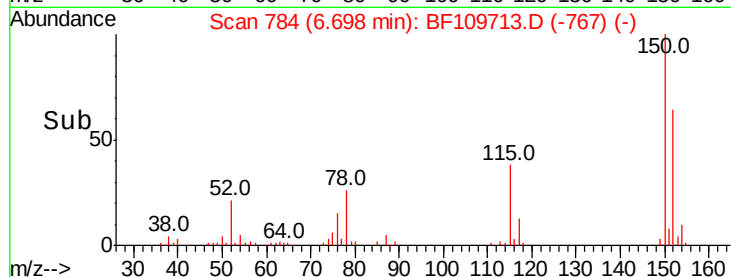
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109713.D
 Acq: 9 Oct 2018 23:43

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion:152 Resp: 67633
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 59.1 49.1 73.7



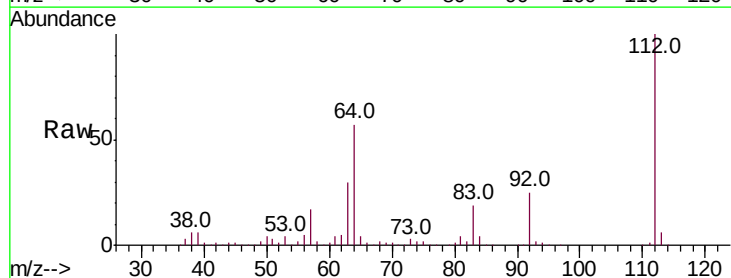
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



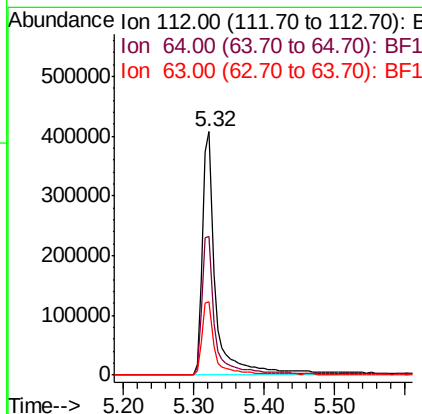
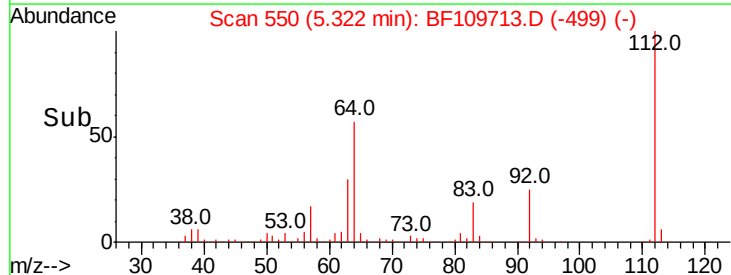
#5

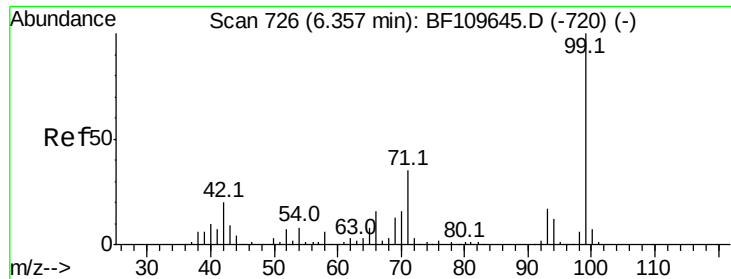
2-Fluorophenol
 Concen: 143.996 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109713.D
 Acq: 9 Oct 2018 23:43

Tgt Ion:112 Resp: 548661
 Ion Ratio Lower Upper
 112 100
 64 56.9 44.1 66.1
 63 30.3 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: 149.175 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109713.D

Acq: 9 Oct 2018 23:43

Instrument :

BNA_F

ClientSampleId :

FL-PIT-5

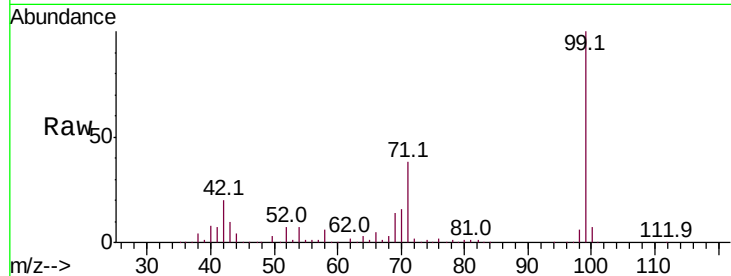
Tot Ion: 99 Resp: 759309

Ion Ratio Lower Upper

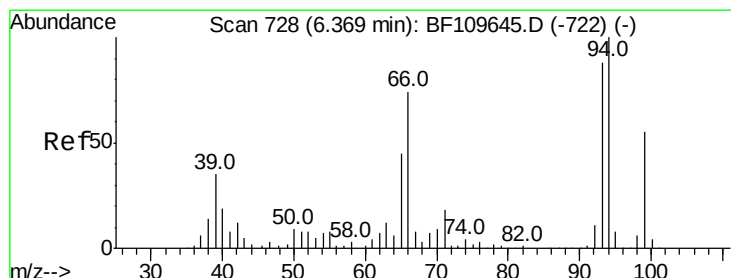
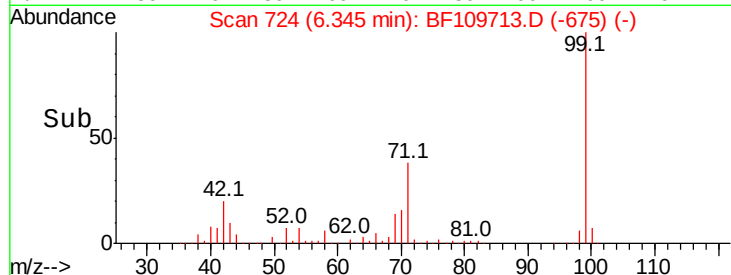
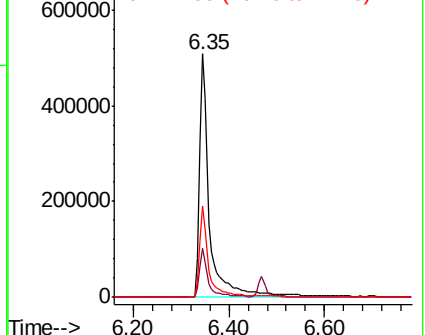
99 100

42 20.3 15.8 23.6

71 37.5 28.0 42.0



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



#10

Phenol

Concen: 4.163 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109713.D

Acq: 9 Oct 2018 23:43

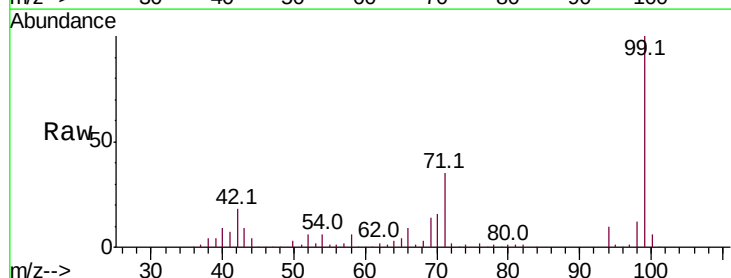
Tgt Ion: 94 Resp: 24298

Ion Ratio Lower Upper

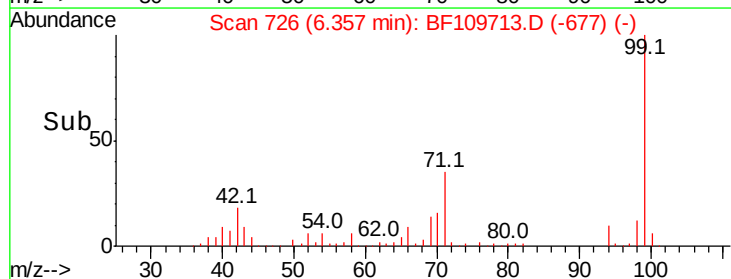
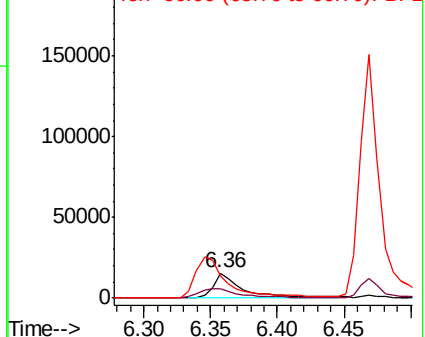
94 100

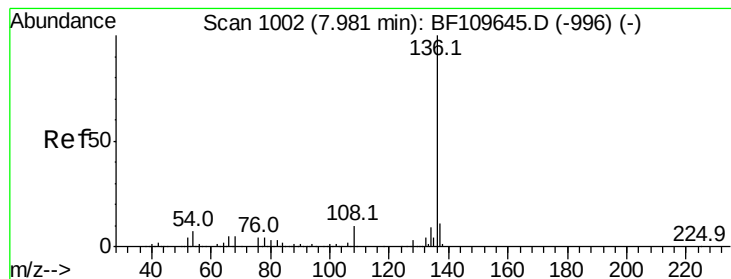
65 39.3 25.3 65.3

66 88.1 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109713.D

Acq: 9 Oct 2018 23:43

Instrument :

BNA_F

ClientSampleId :

FL-PIT-5

Tot Ion:136 Resp: 266343

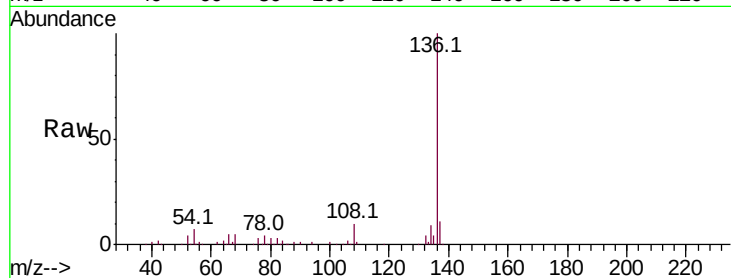
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 5.4 8.2

68 5.1 4.2 6.2

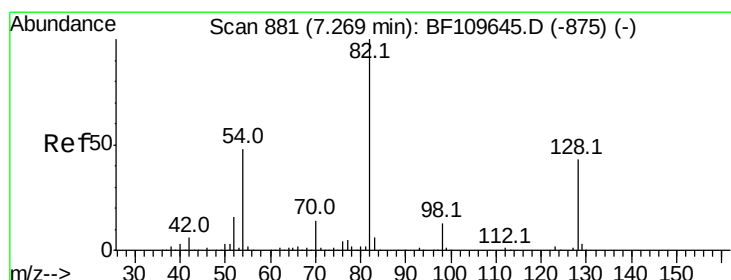
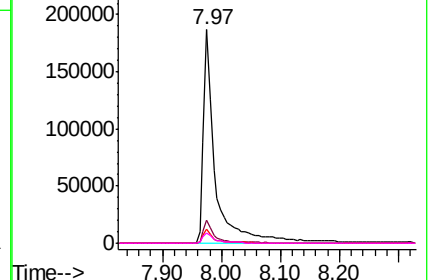
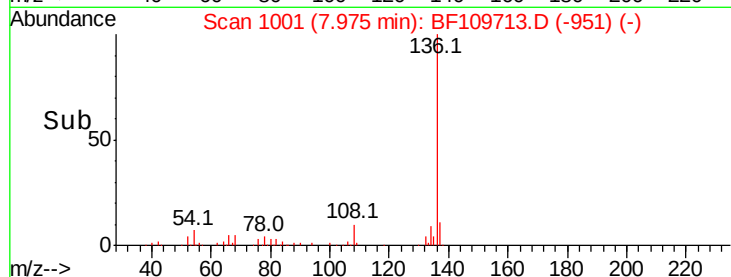


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.823 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109713.D

Acq: 9 Oct 2018 23:43

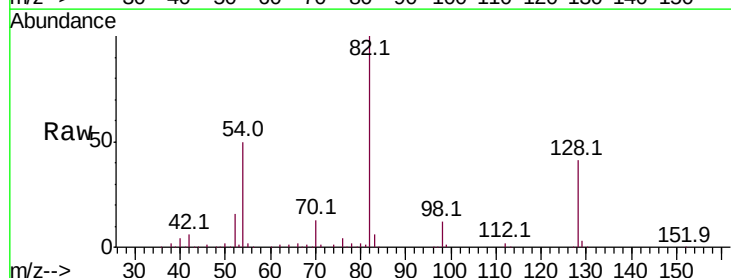
Tgt Ion: 82 Resp: 487152

Ion Ratio Lower Upper

82 100

128 40.5 34.2 51.2

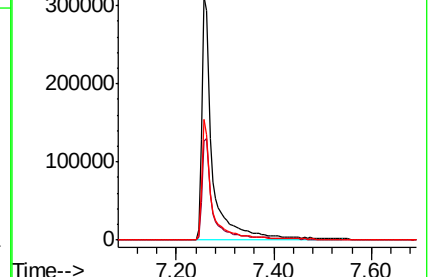
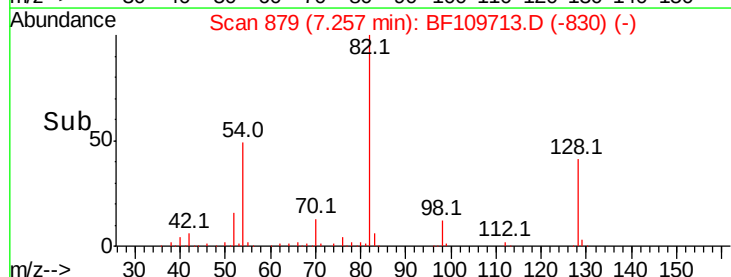
54 49.5 38.6 58.0

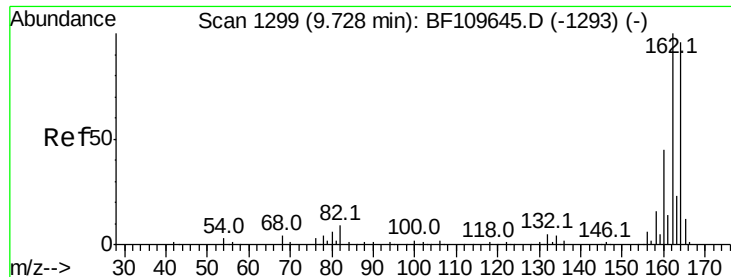


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

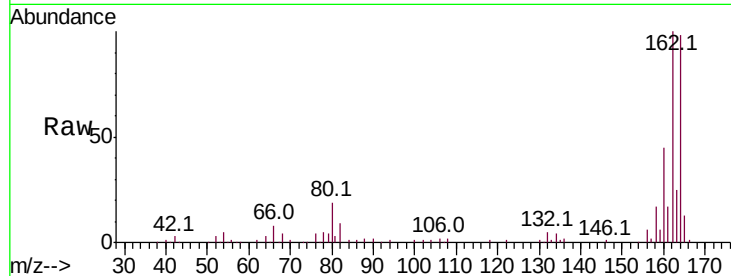




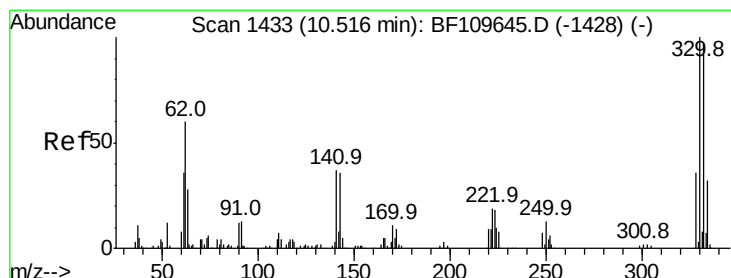
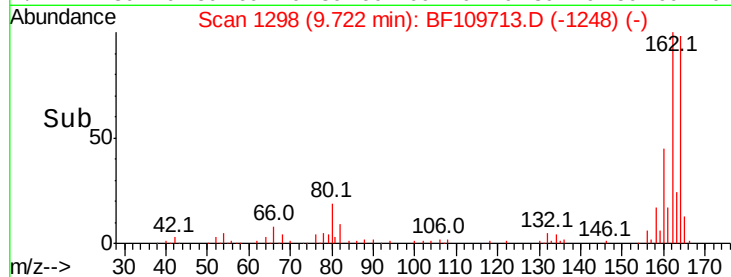
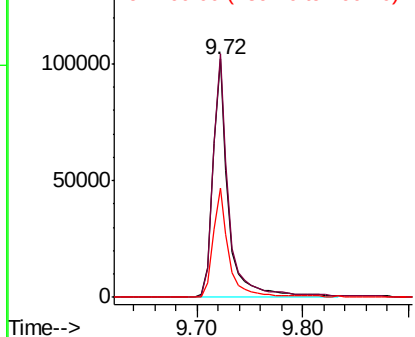
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109713.D
Acq: 9 Oct 2018 23:43

Instrument :
BNA_F
ClientSampleId :
FL-PIT-5

Tot Ion:164 Resp: 106369
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 46.1 37.0 55.6

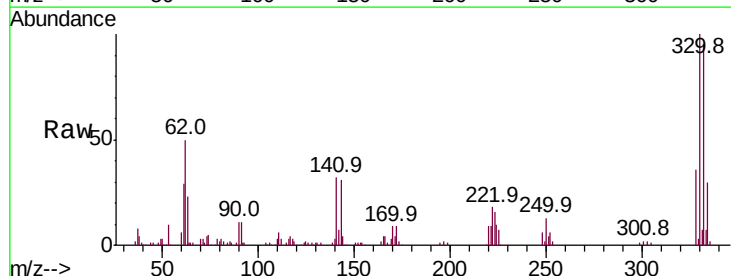


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

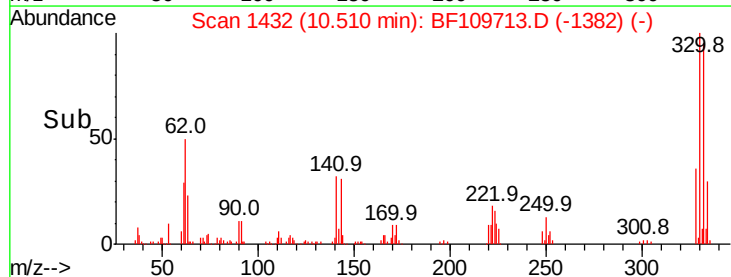
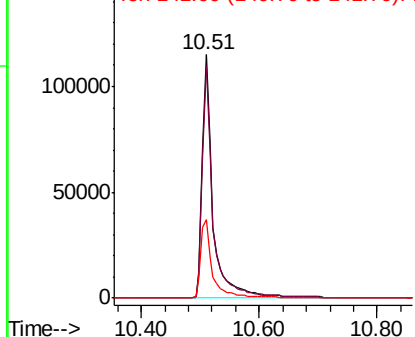


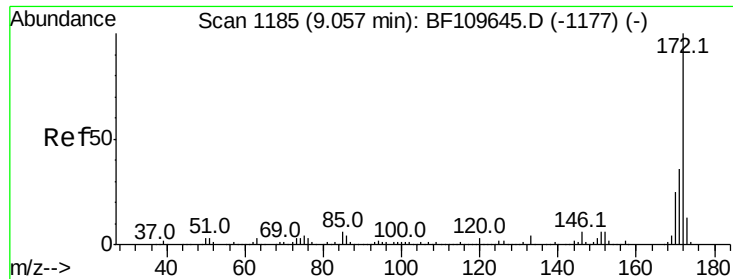
#41
2,4,6-Tribromophenol
Concen: 125.573 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109713.D
Acq: 9 Oct 2018 23:43

Tgt Ion:330 Resp: 145540
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 34.7 27.0 40.4



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

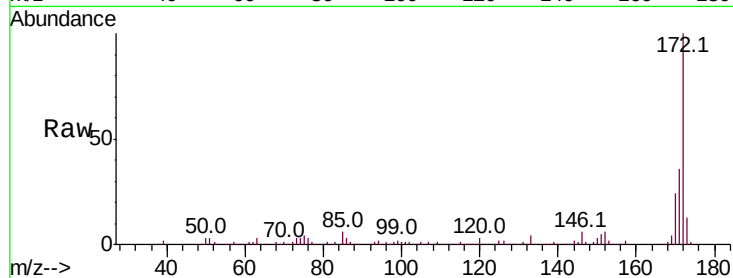




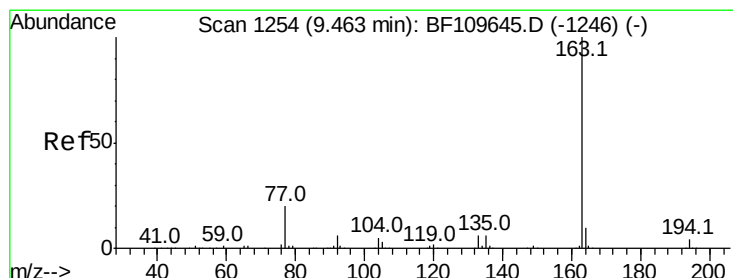
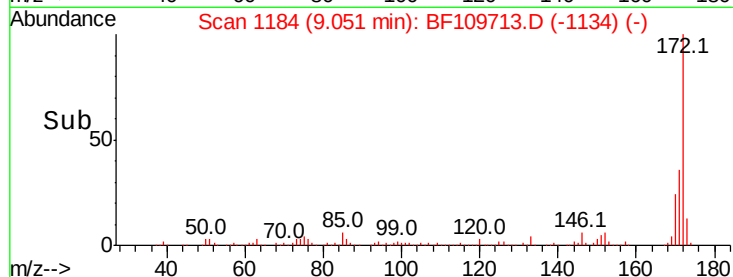
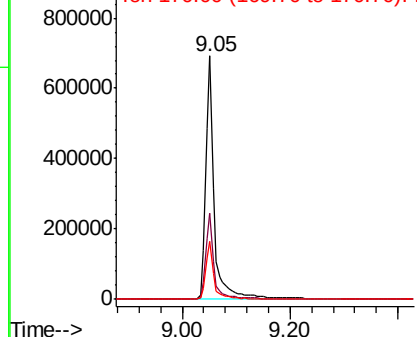
#44
 2-Fluorobiphenyl
 Concen: 98.687 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109713.D
 Acq: 9 Oct 2018 23:43

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion:172 Resp: 762184
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.7 19.7 29.5

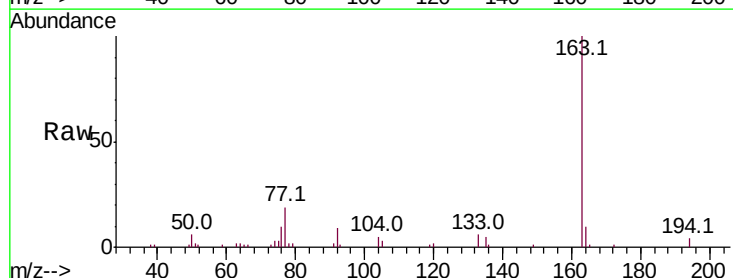


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

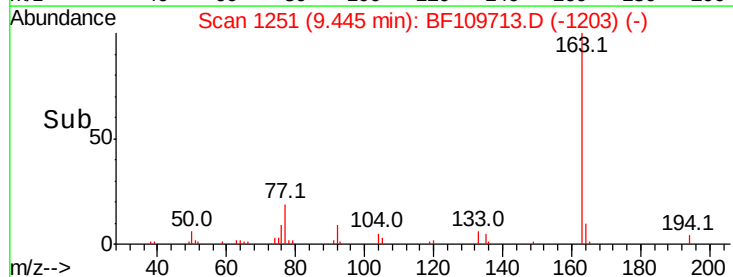
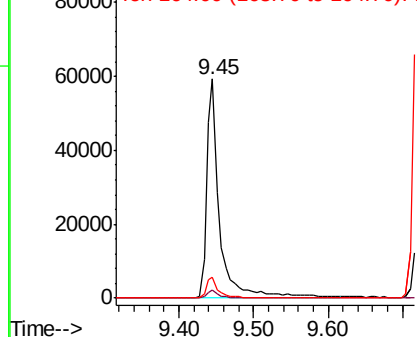


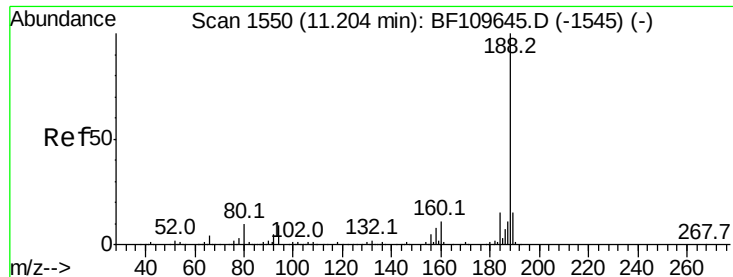
#49
 Dimethylphthalate
 Concen: 9.226 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109713.D
 Acq: 9 Oct 2018 23:43

Tgt Ion:163 Resp: 71976
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 9.7 8.1 12.1



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

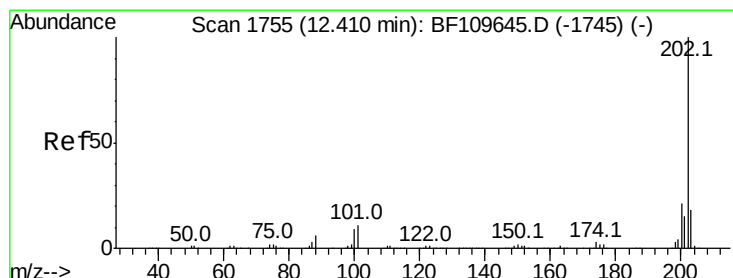
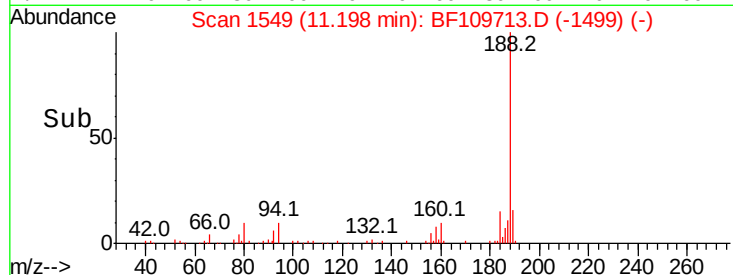
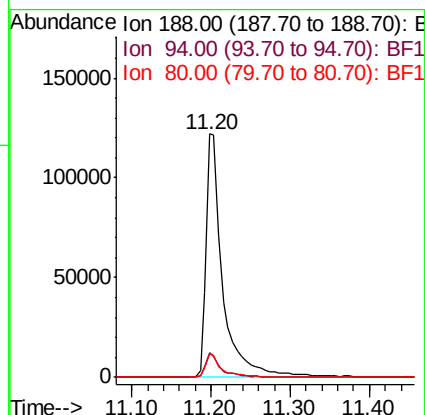
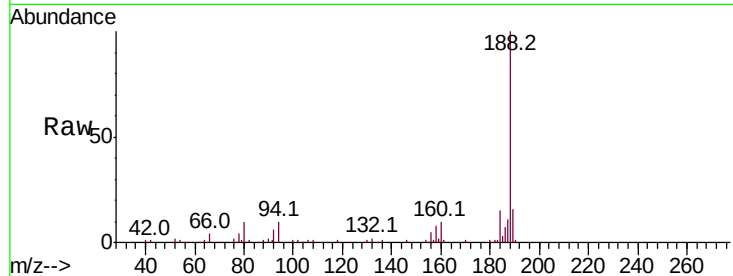




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109713.D
Acq: 9 Oct 2018 23:43

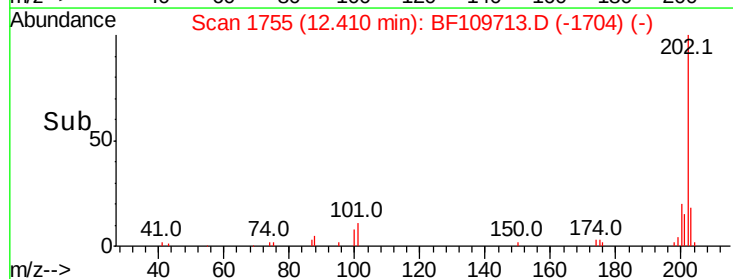
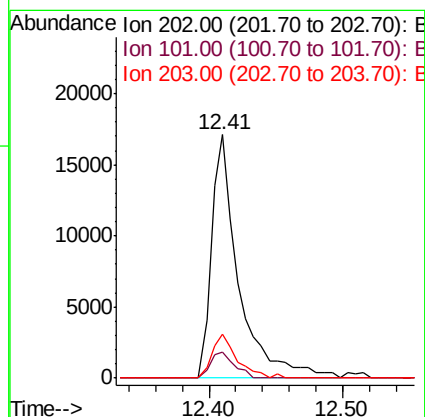
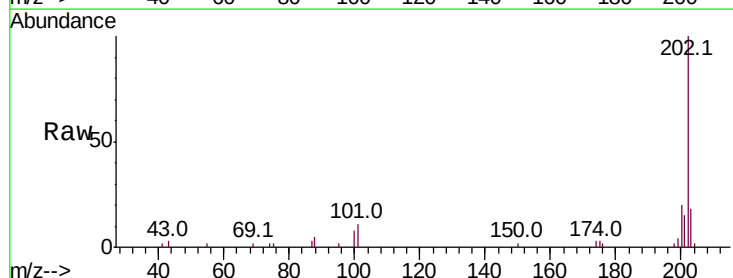
Instrument :
BNA_F
ClientSampleId :
FL-PIT-5

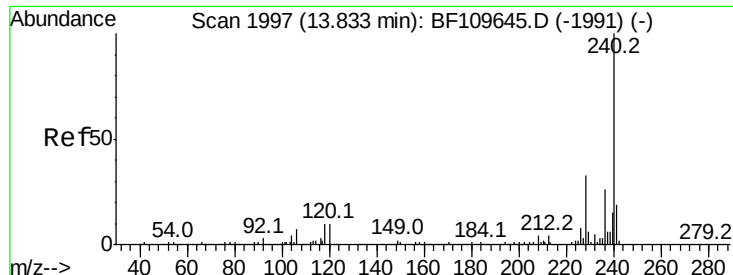
Tot Ion:188 Resp: 181608
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 9.7 7.9 11.9



#74
Fluoranthene
Concen: 2.563 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109713.D
Acq: 9 Oct 2018 23:43

Tgt Ion:202 Resp: 24330
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 18.2 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109713.D

Acq: 9 Oct 2018 23:43

Instrument :

BNA_F

ClientSampleId :

FL-PIT-5

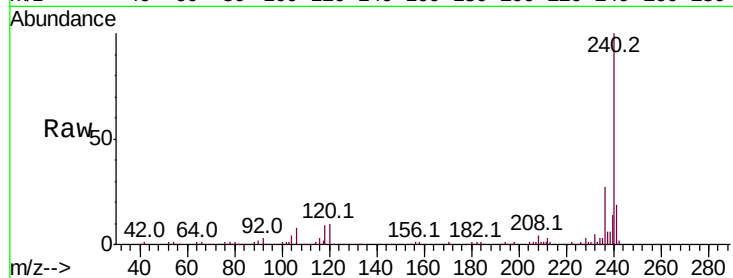
Tot Ion:240 Resp: 192106

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

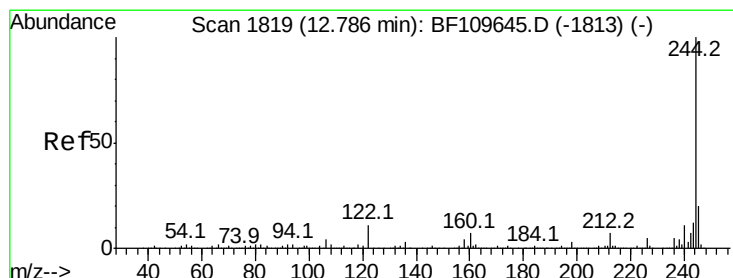
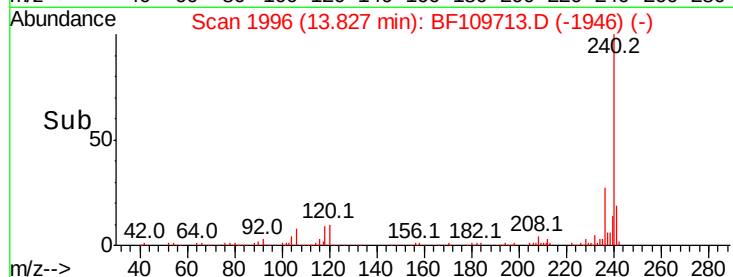
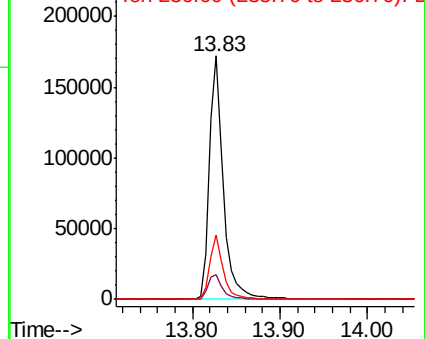
236 26.6 21.2 31.8



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



#78

Terphenyl-d14

Concen: 64.563 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109713.D

Acq: 9 Oct 2018 23:43

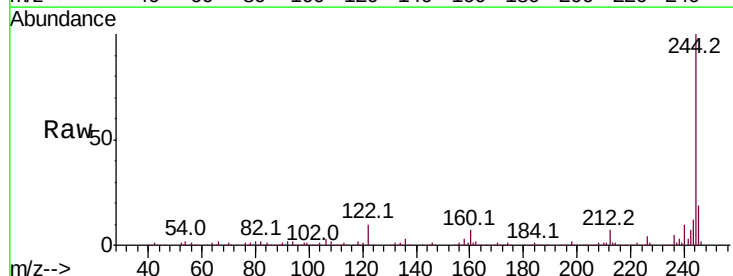
Tgt Ion:244 Resp: 640700

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

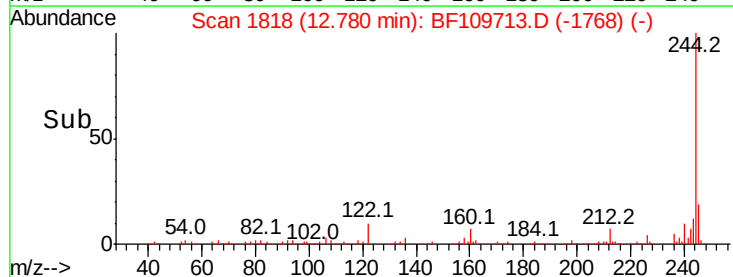
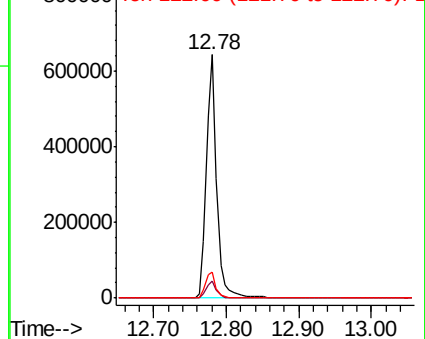
122 10.4 8.7 13.1

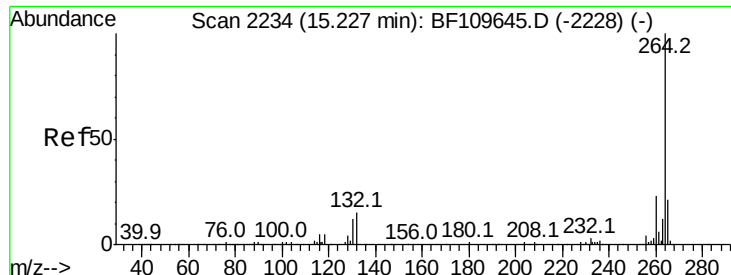


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109713.D
 Acq: 9 Oct 2018 23:43

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	16.7	25.1

