

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109718.D
 Acq On : 10 Oct 2018 2:04
 Operator : JU/SJ
 Sample : J5326-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Quant Time: Oct 10 05:12:10 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

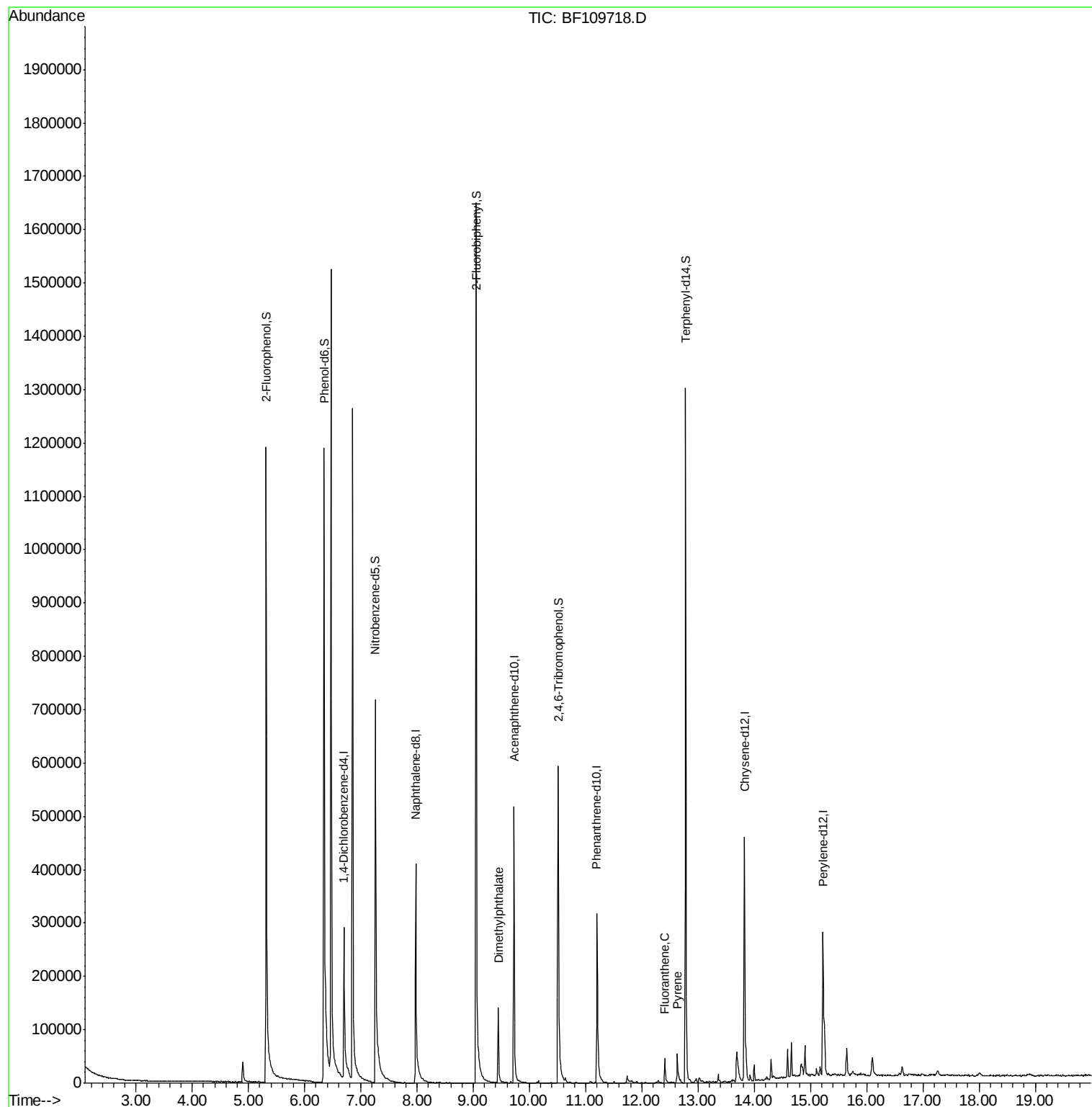
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	73604	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	294405	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	118606	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	197780	20.00	ng	0.00
75) Chrysene-d12	13.83	240	197646	20.00	ng	0.00
86) Perylene-d12	15.22	264	158810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	437799	105.58	ng	0.00
7) Phenol-d6	6.35	99	609693	110.06	ng	-0.01
23) Nitrobenzene-d5	7.26	82	397212	74.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	112874	87.34	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	656348	76.22	ng	0.00
78) Terphenyl-d14	12.78	244	499133	48.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	77854	8.950	ng	100
74) Fluoranthene	12.41	202	31557	3.052	ng	97
77) Pyrene	12.63	202	33502	2.314	ng	94

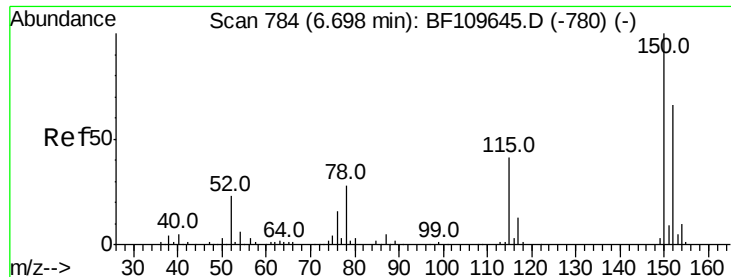
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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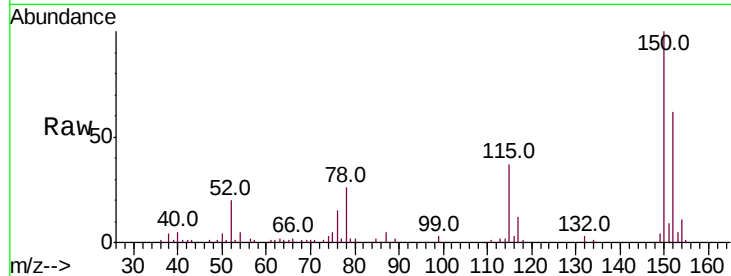


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	122.7	184.1
115	60.2	49.1	73.7

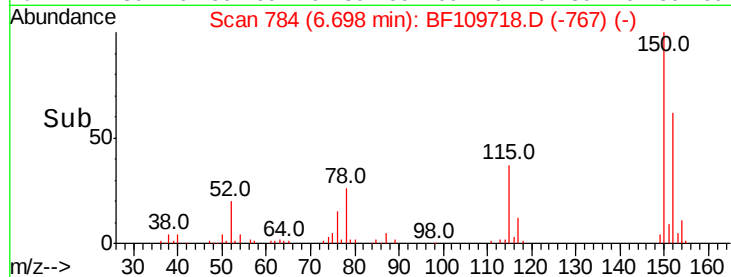
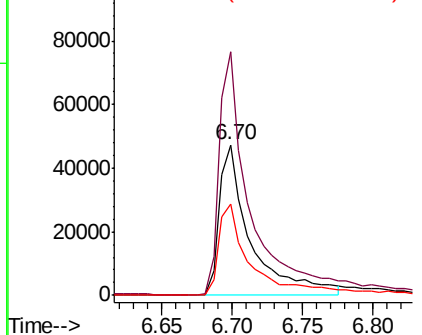


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

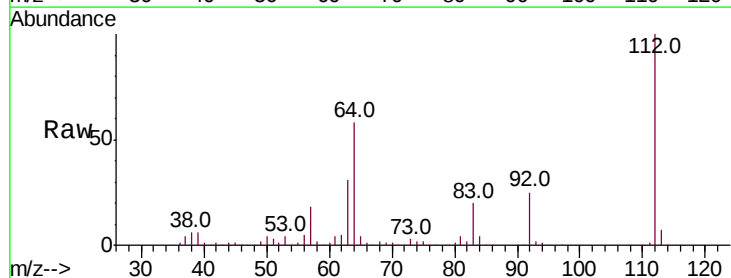
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.579 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	30.6	23.7	35.5

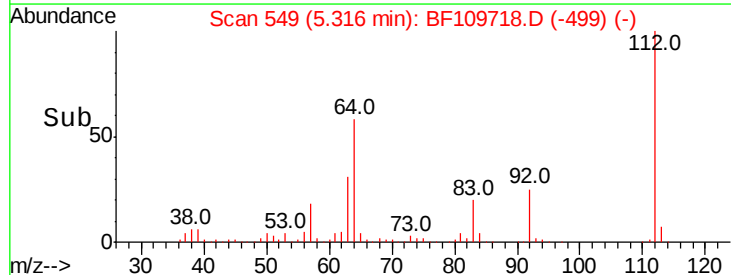
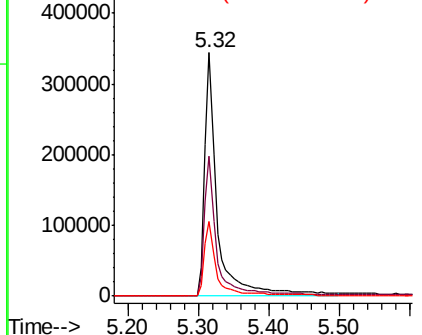


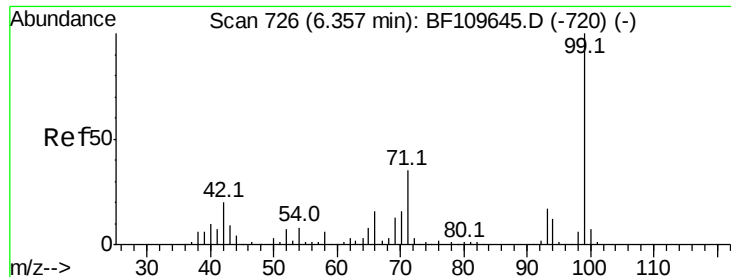
Abundance

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: 110.064 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

Instrument :

BNA_F

ClientSampled :

FL-PIT-1

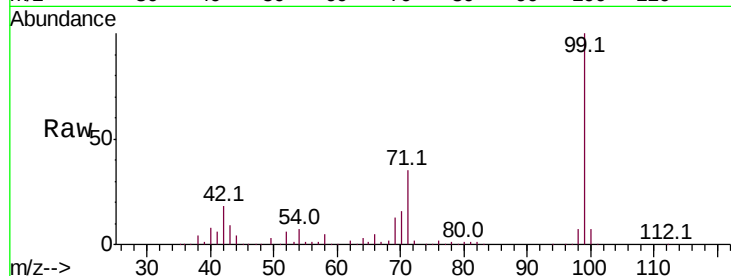
Tot Ion: 99 Resp: 609693

Ion Ratio Lower Upper

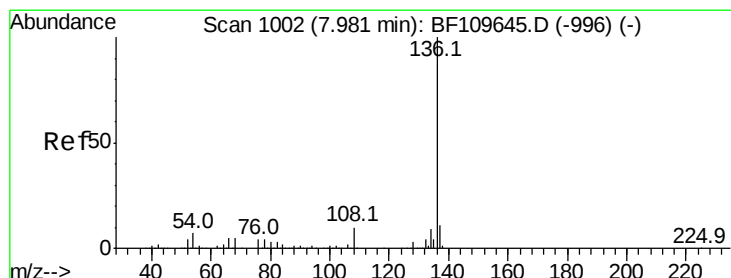
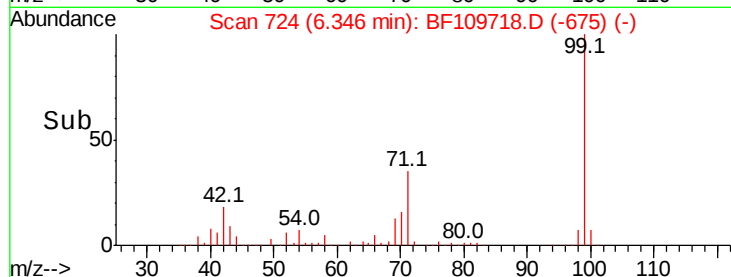
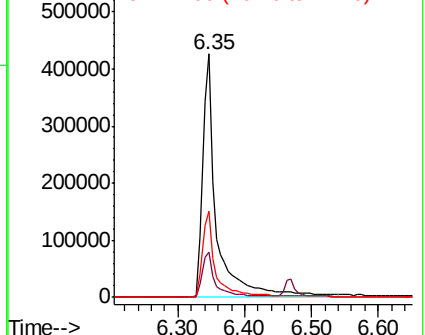
99 100

42 18.4 15.8 23.6

71 35.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

Tgt Ion: 136 Resp: 294405

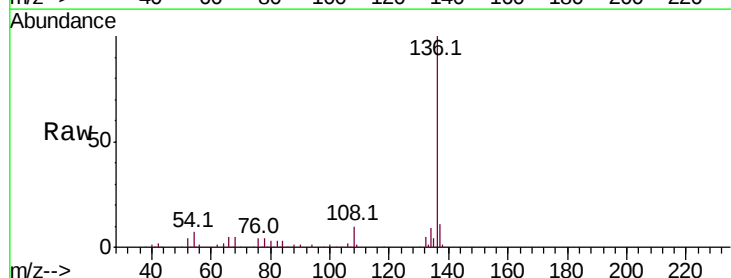
Ion Ratio Lower Upper

136 100

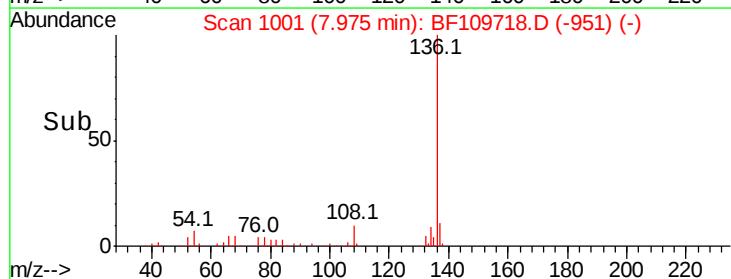
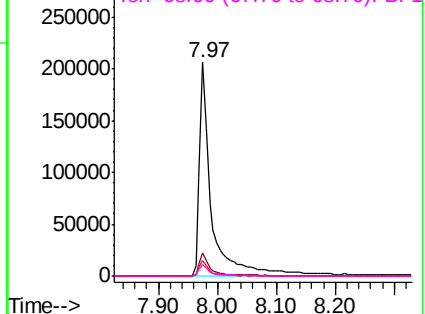
137 10.7 8.8 13.2

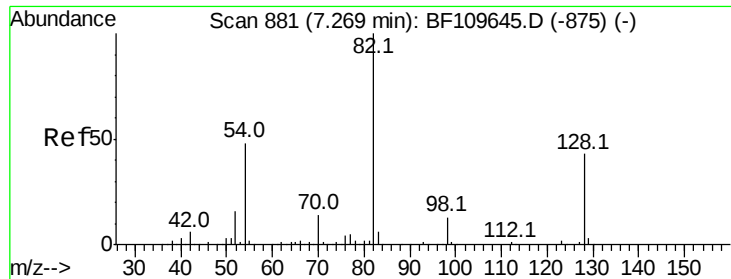
54 7.2 5.4 8.2

68 5.4 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

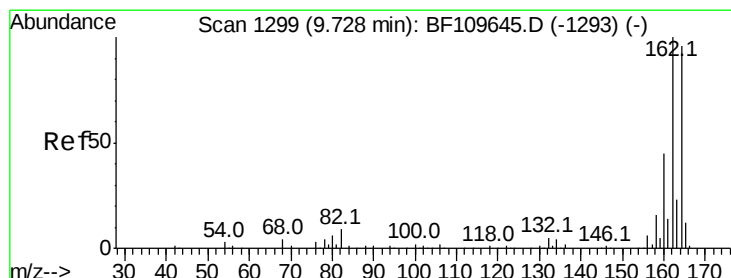
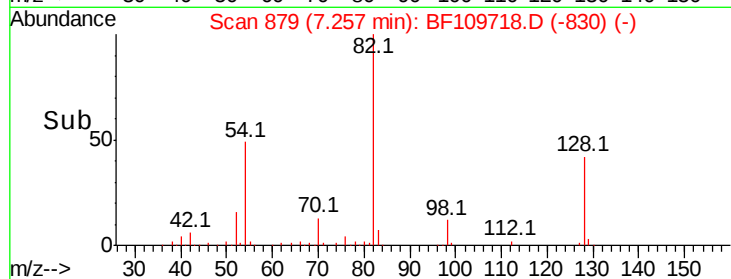
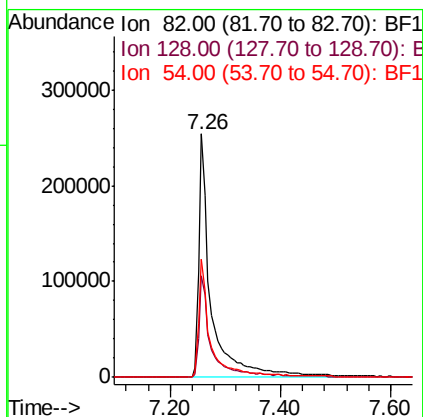
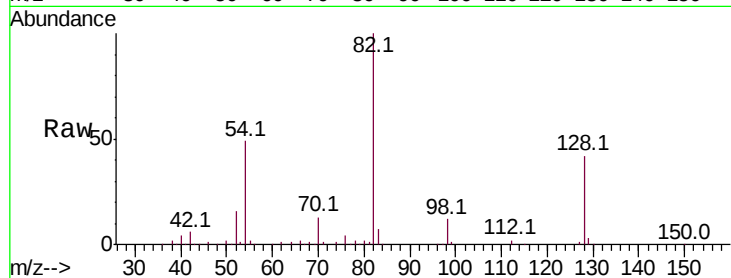




#23
Nitrobenzene-d5
Concen: 74.373 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

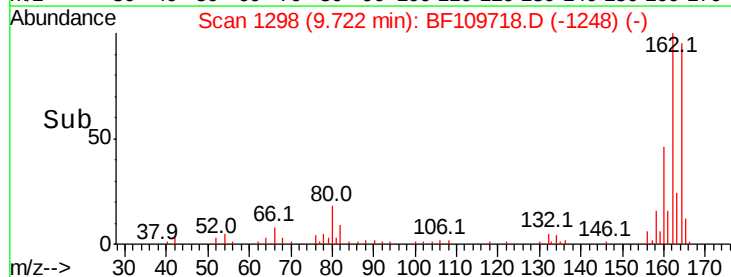
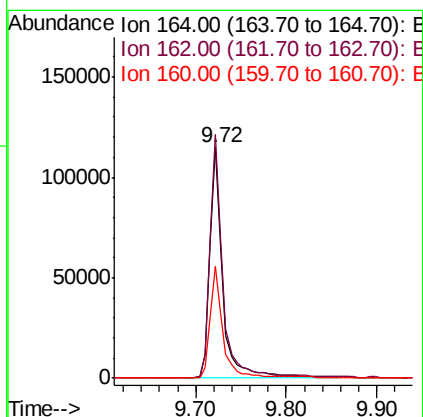
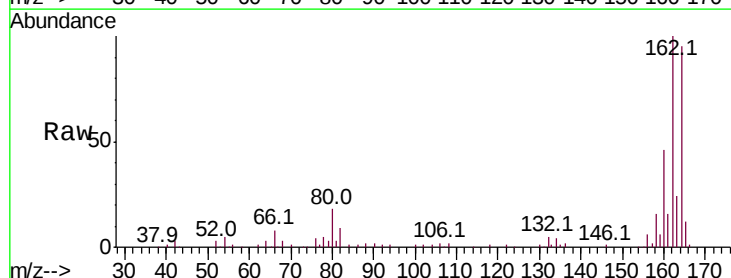
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

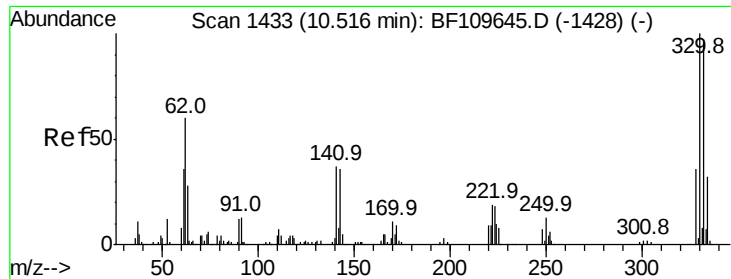
Tot Ion: 82 Resp: 397212
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.2
54 48.8 38.6 58.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

Tgt Ion: 164 Resp: 118606
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 48.5 37.0 55.6

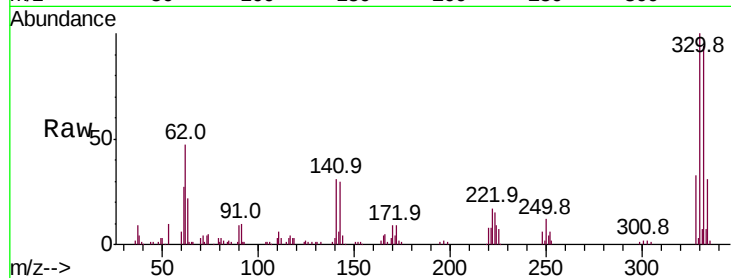




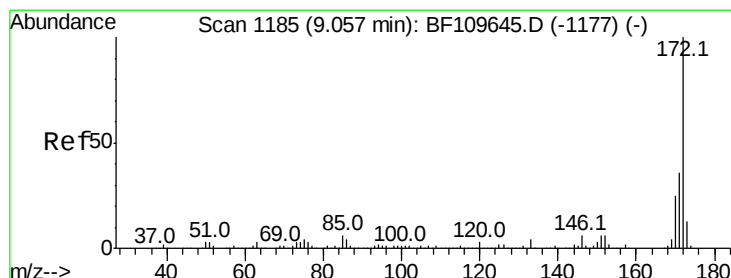
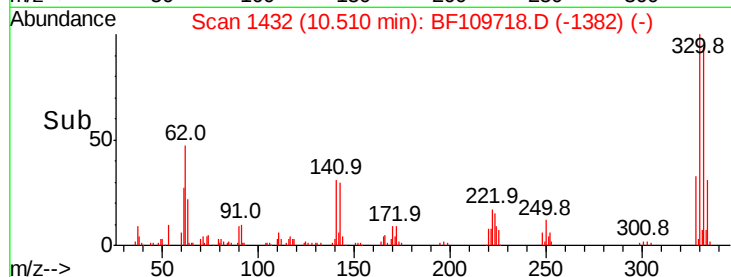
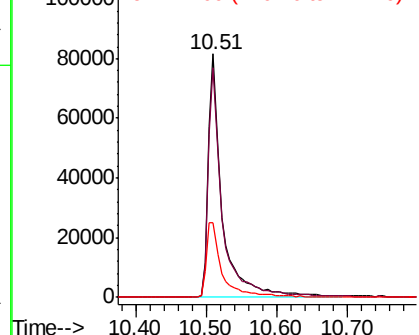
#41
 2,4,6-Tribromophenol
 Concen: 87.341 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	34.4	27.0	40.4

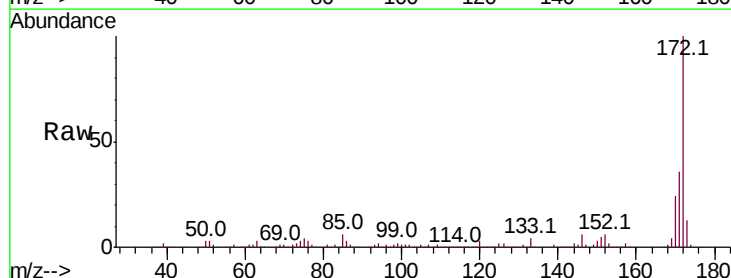


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

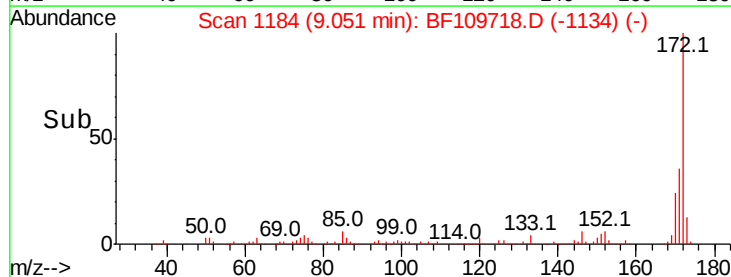
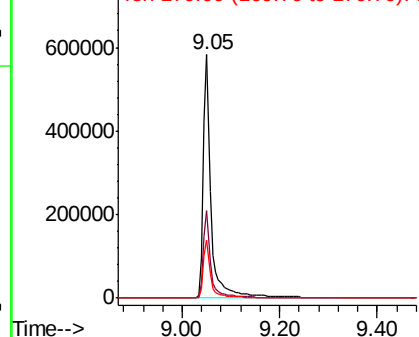


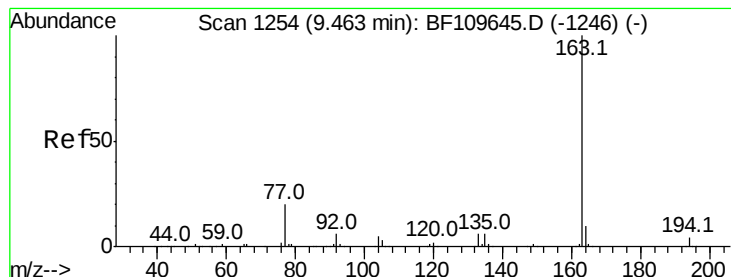
#44
 2-Fluorobiphenyl
 Concen: 76.215 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	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: 8.950 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

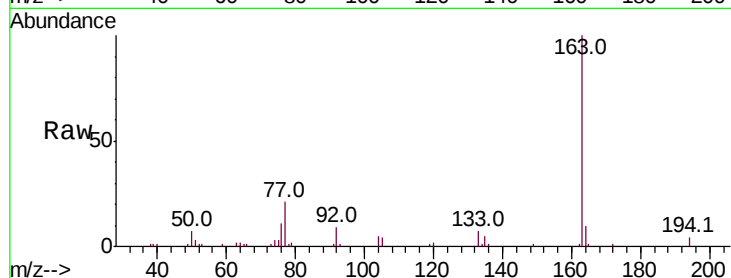
Tot Ion:163 Resp: 77854

Ion Ratio Lower Upper

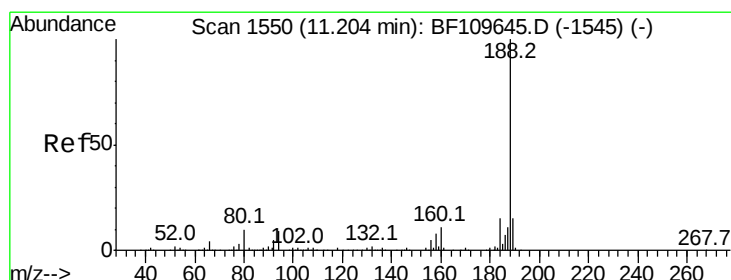
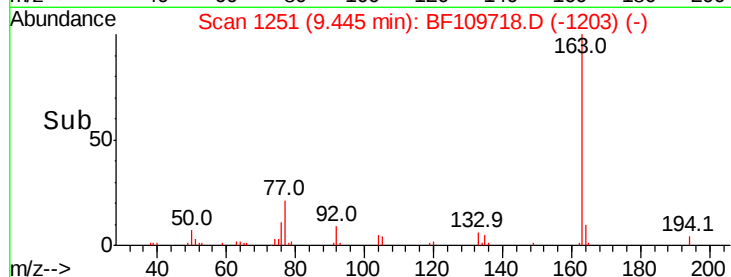
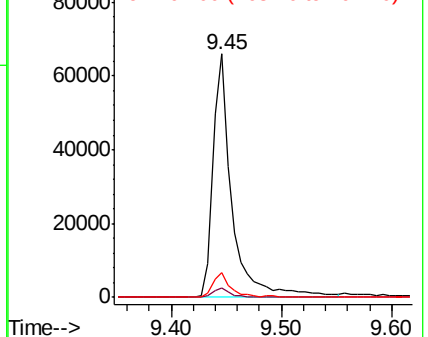
163 100

194 3.8 3.2 4.8

164 10.1 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# 1550

Delta R.T. 0.00 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

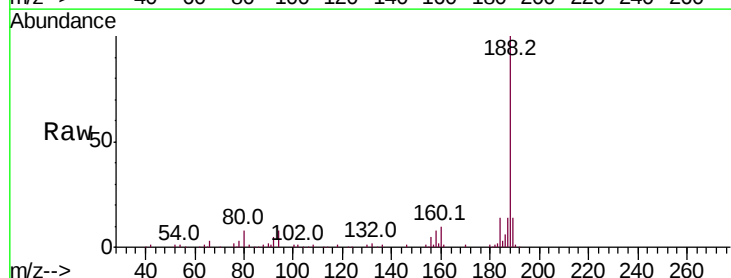
Tgt Ion:188 Resp: 197780

Ion Ratio Lower Upper

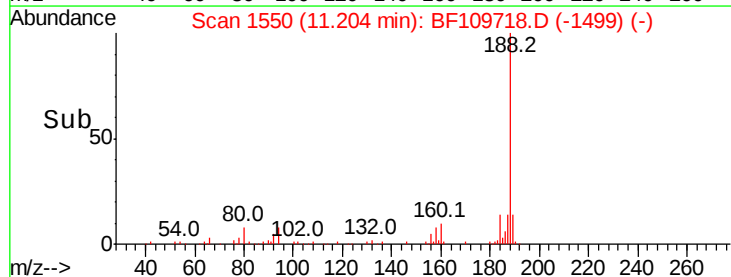
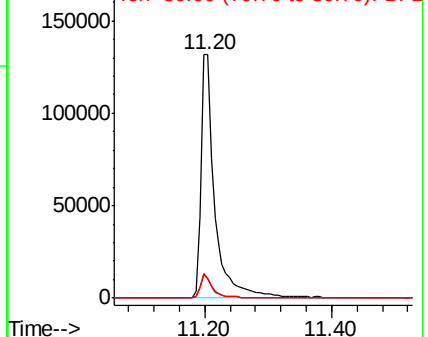
188 100

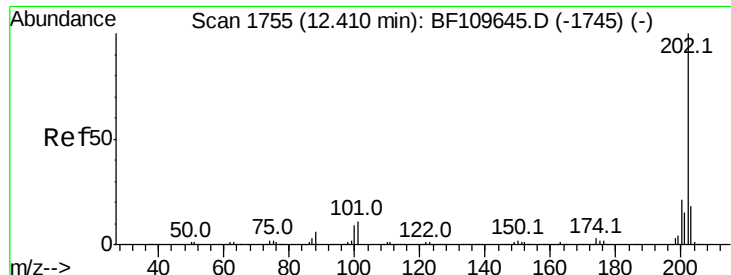
94 8.0 7.2 10.8

80 8.2 7.9 11.9



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

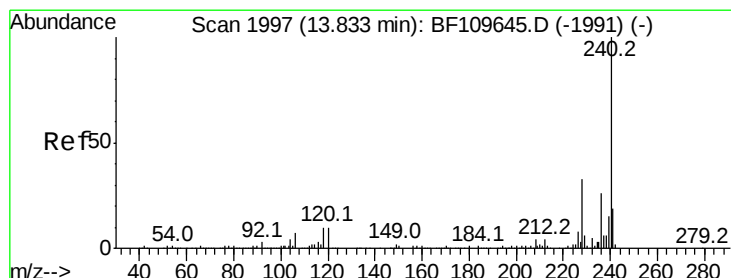
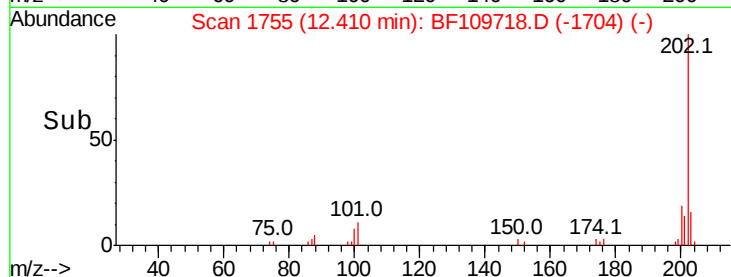
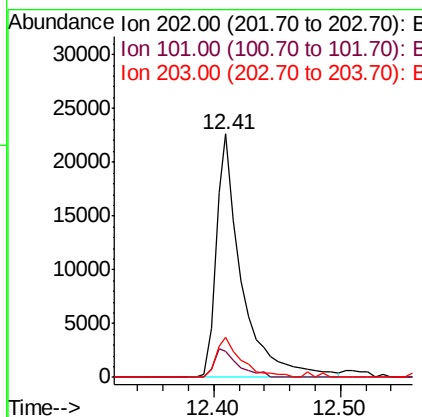
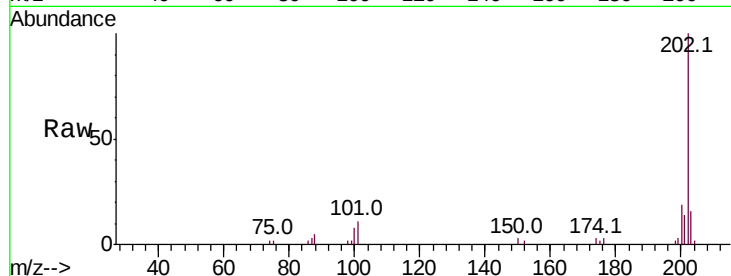




#74
Fluoranthene
 Concen: 3.052 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

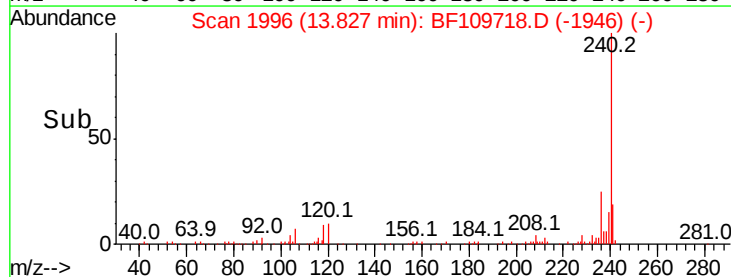
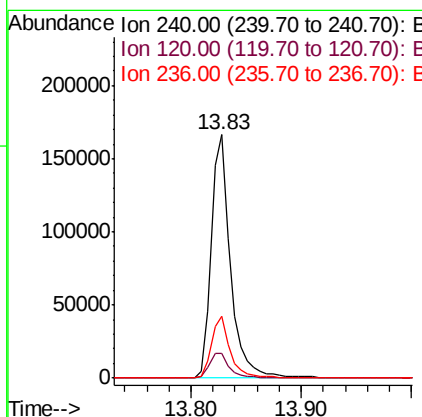
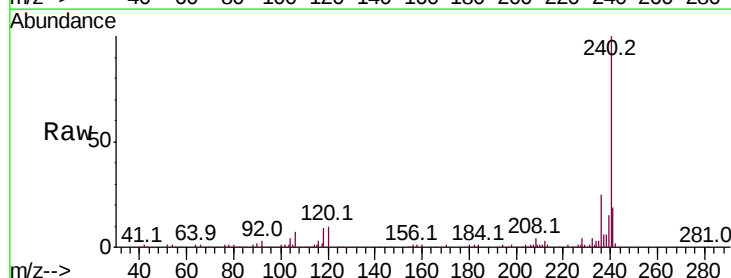
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

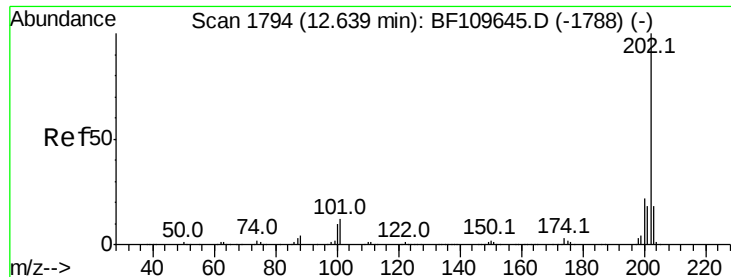
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	16.3	0.0	37.7



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.4	21.2	31.8





#77

Pvrene

Concen: 2.314 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

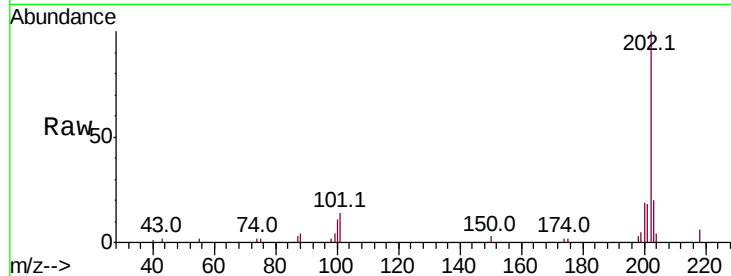
Tot Ion:202 Resp: 33502

Ion Ratio Lower Upper

202 100

200 19.2 17.8 26.6

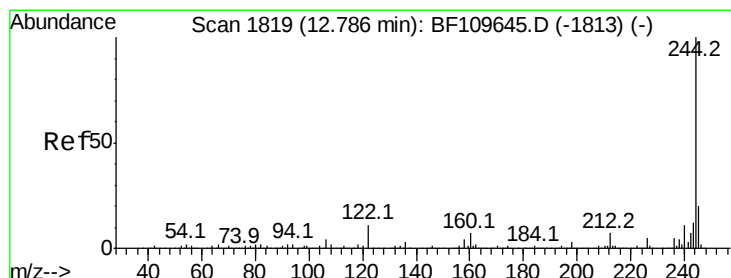
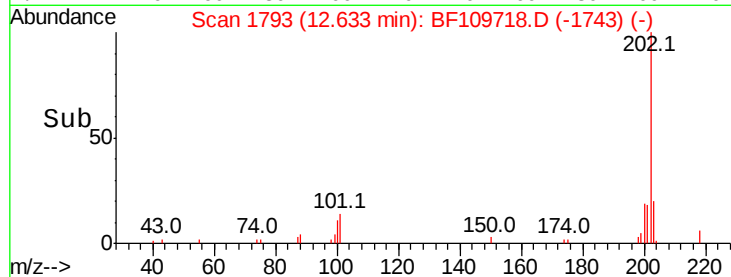
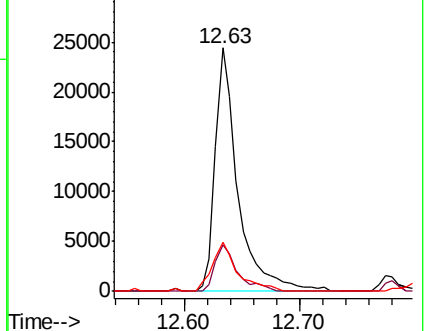
203 19.9 14.2 21.4



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: 48.887 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

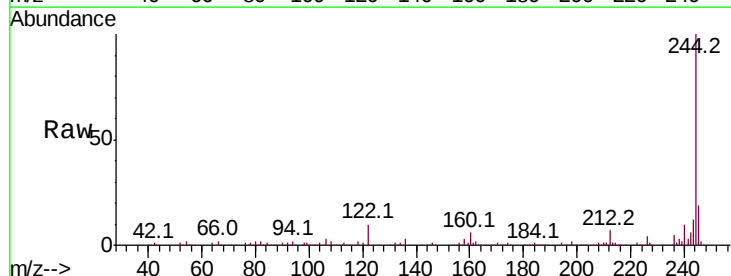
Tgt Ion:244 Resp: 499133

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

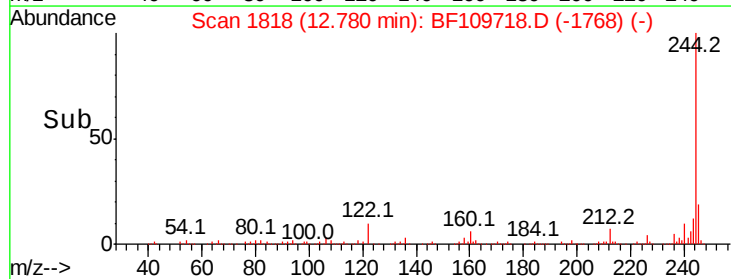
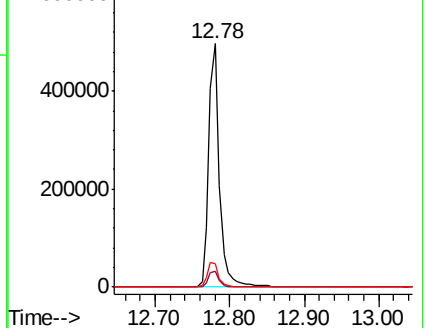
122 9.6 8.7 13.1

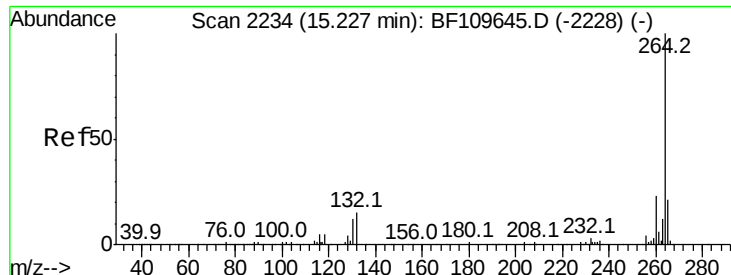


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

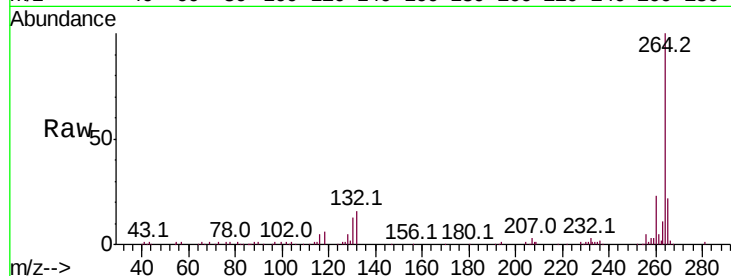




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.5	16.7	25.1



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

