

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109741.D
 Acq On : 10 Oct 2018 14:41
 Operator : JU/SJ
 Sample : J5326-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Quant Time: Oct 10 15:46:14 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

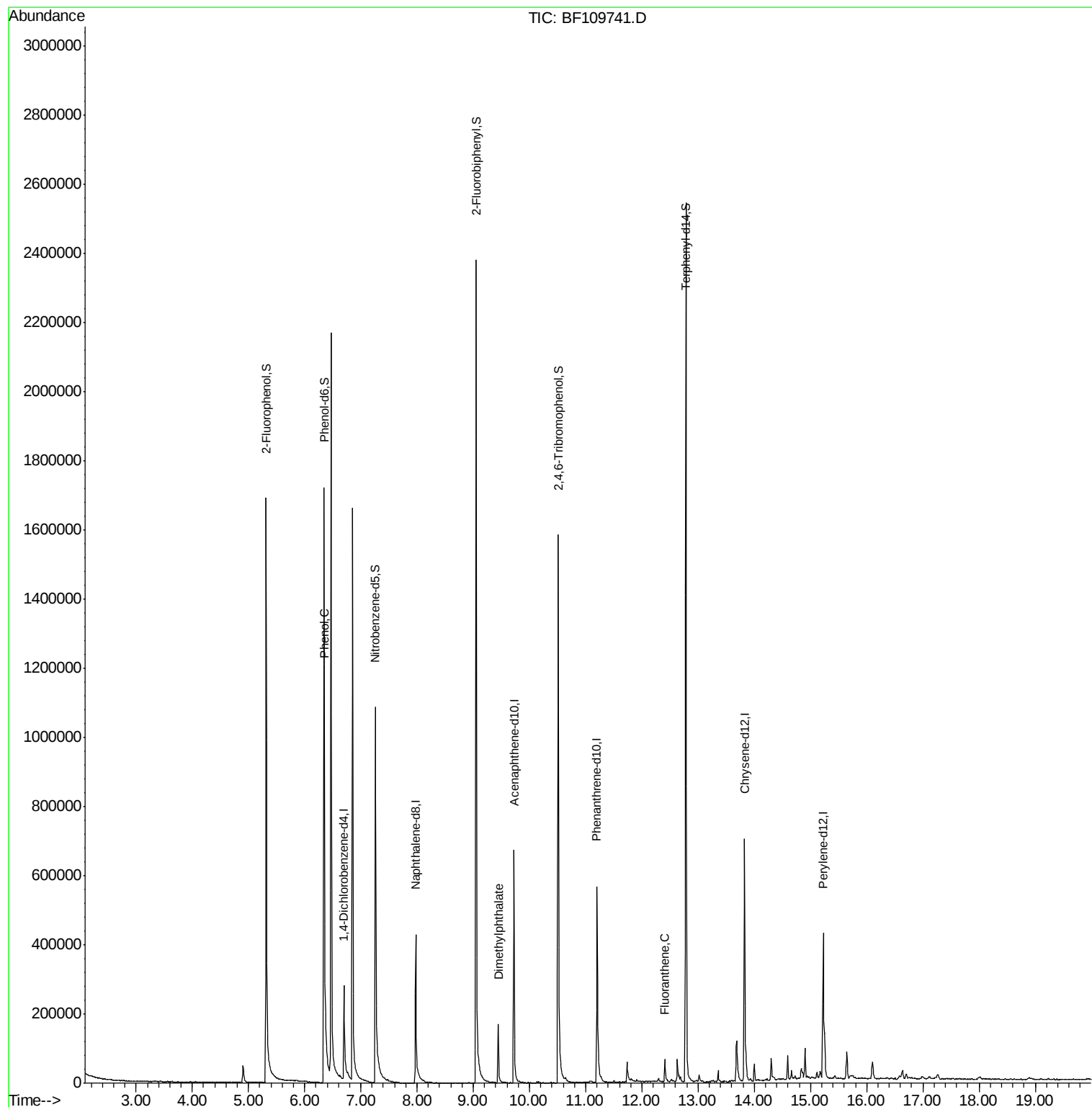
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	73293	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	305918	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	152255	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	323080	20.00	ng	0.00
75) Chrysene-d12	13.83	240	288797	20.00	ng	0.00
86) Perylene-d12	15.23	264	243139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	590045	142.90	ng	0.00
7) Phenol-d6	6.35	99	815316	147.81	ng	-0.01
23) Nitrobenzene-d5	7.26	82	550814	99.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	243393	146.71	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	952546	86.16	ng	0.00
78) Terphenyl-d14	12.79	244	1077621	72.23	ng	0.00
Target Compounds						
10) Phenol	6.36	94	28110	4.444	ng	93
49) Dimethylphthalate	9.45	163	94835	8.493	ng	98
74) Fluoranthene	12.41	202	44400	2.629	ng	99

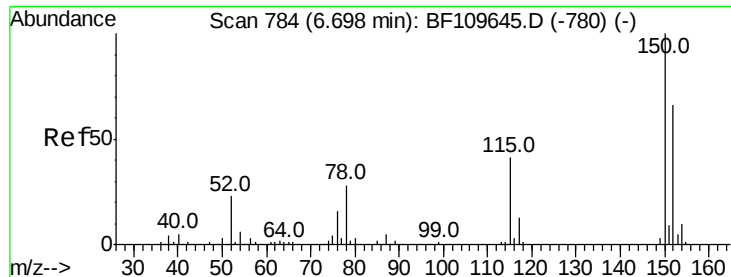
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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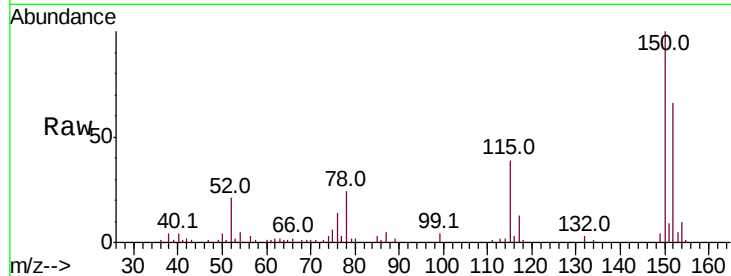


#1

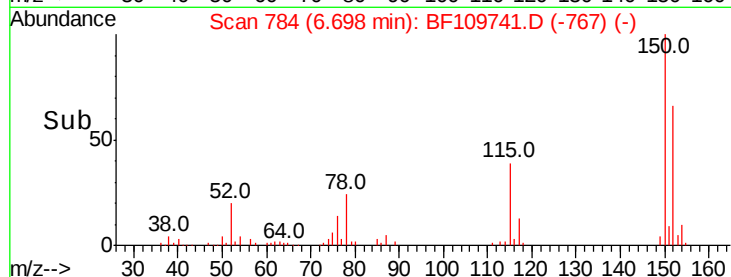
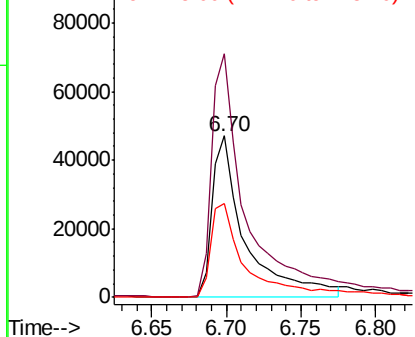
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion:152 Resp: 73293
 Ion Ratio Lower Upper
 152 100
 150 151.0 122.7 184.1
 115 58.6 49.1 73.7



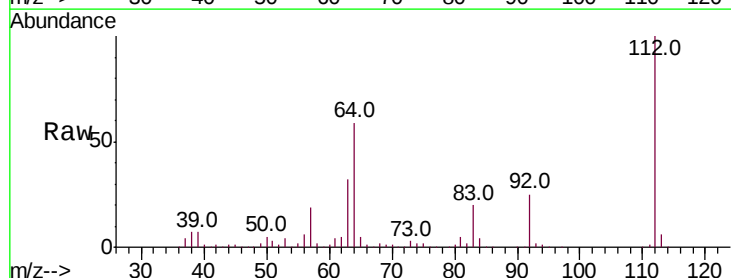
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



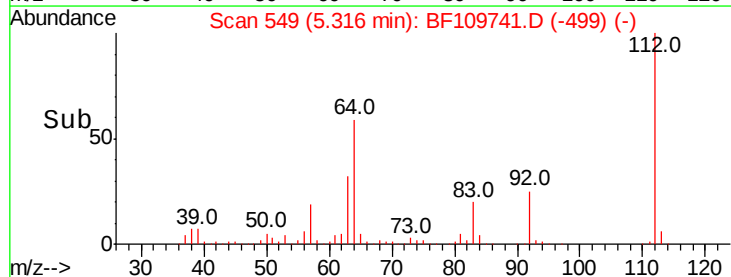
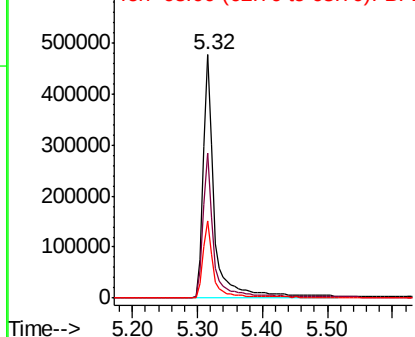
#5

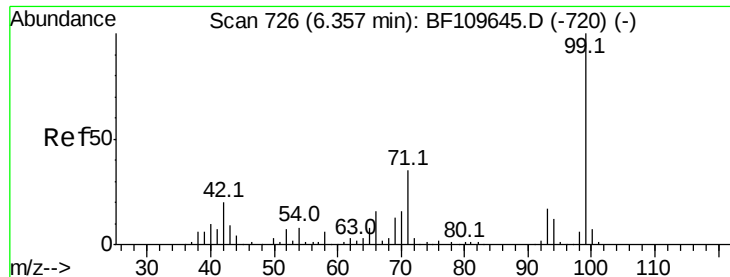
2-Fluorophenol
 Concen: 142.899 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Tgt Ion:112 Resp: 590045
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 31.9 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: 147.809 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

FL-PIT-5

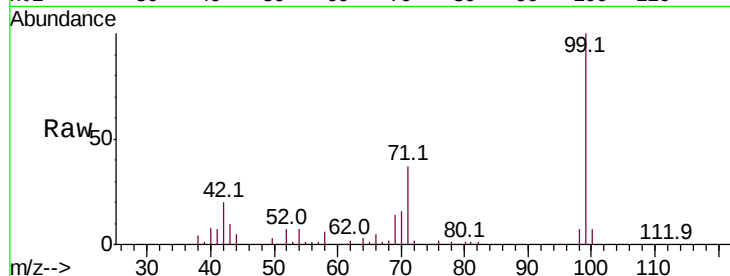
Tot Ion: 99 Resp: 815316

Ion Ratio Lower Upper

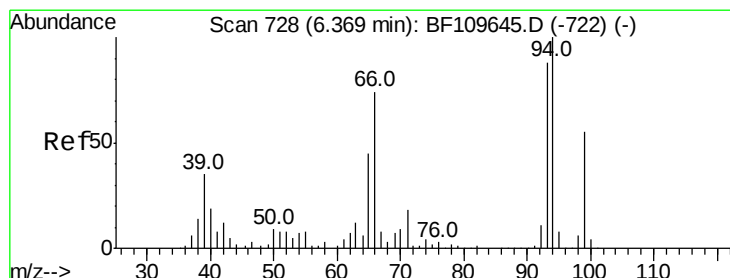
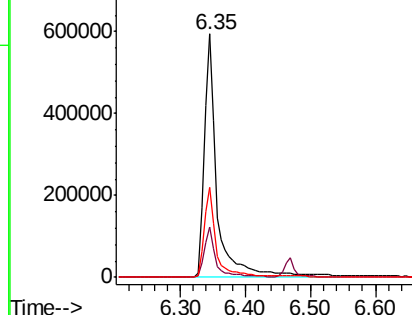
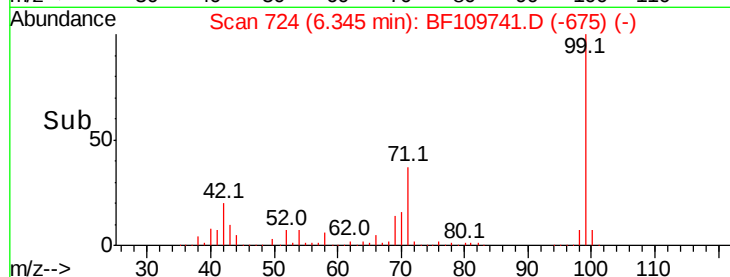
99 100

42 20.4 15.8 23.6

71 36.9 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: 4.444 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

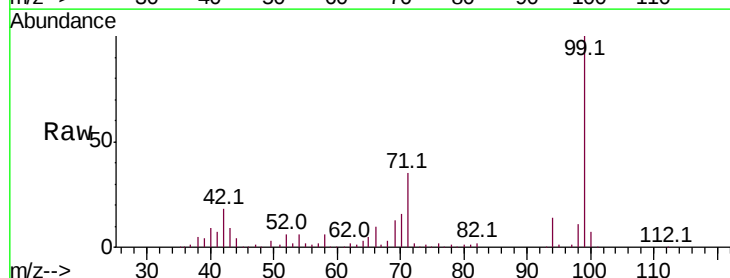
Tgt Ion: 94 Resp: 28110

Ion Ratio Lower Upper

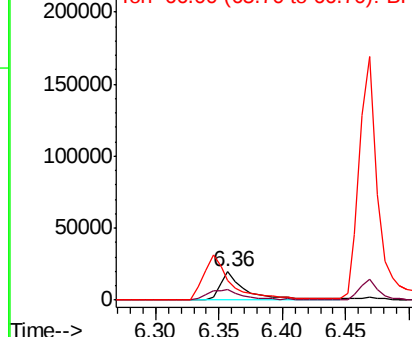
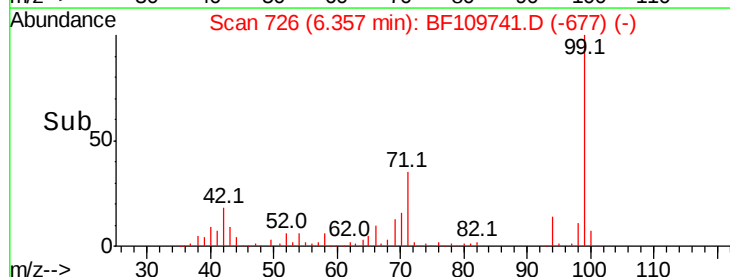
94 100

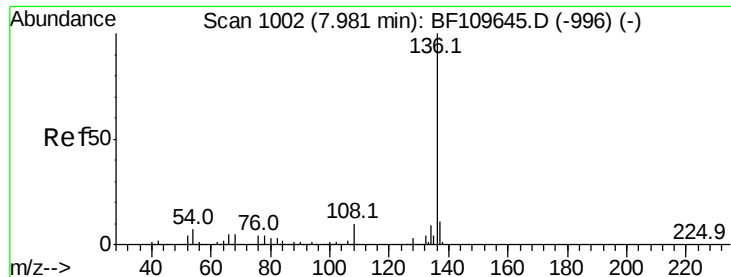
65 37.8 25.3 65.3

66 71.0 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

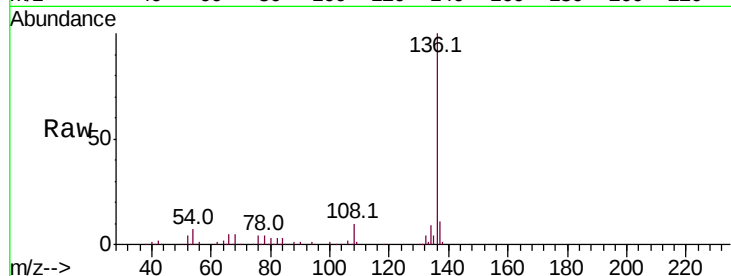




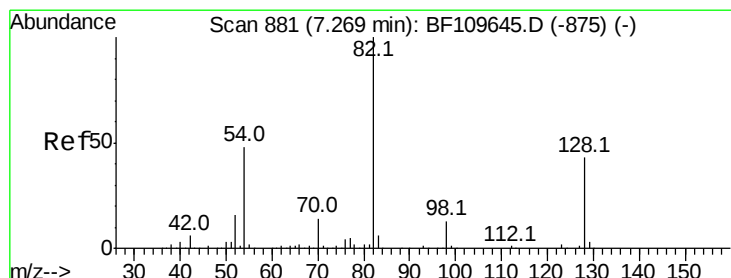
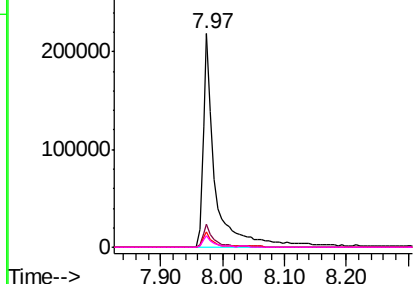
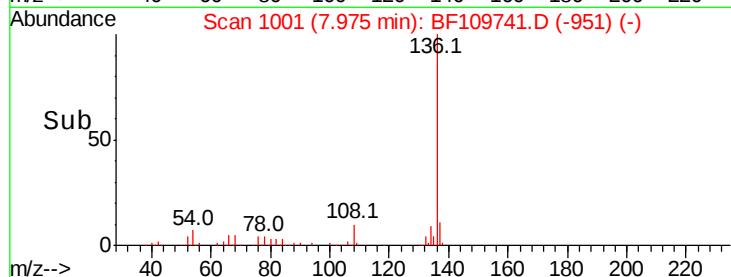
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Instrument :
BNA_F
ClientSampleId :
FL-PIT-5

Tot Ion:	136	Resp:	305918
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.4	8.2
68	5.2	4.2	6.2

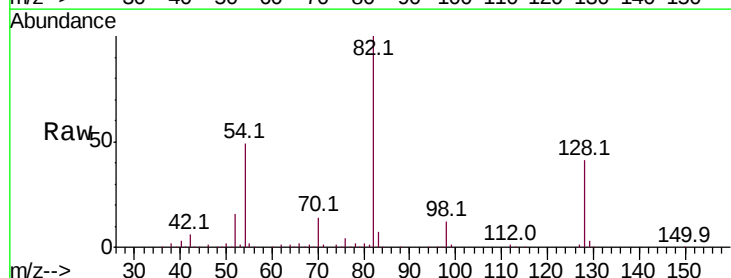


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

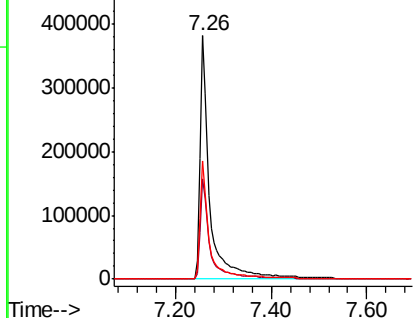
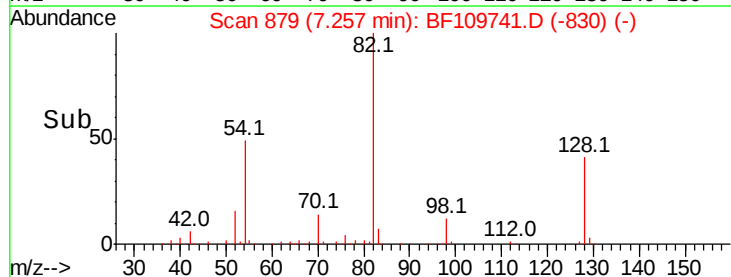


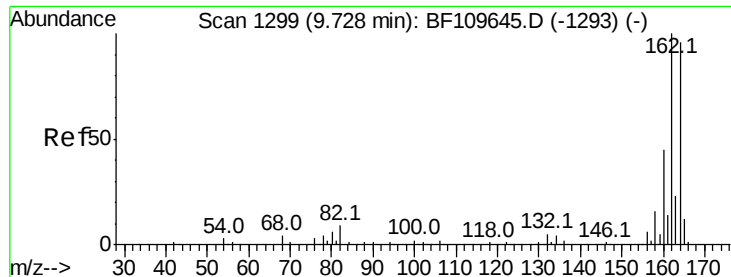
#23
Nitrobenzene-d5
Concen: 99.251 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion:	82	Resp:	550814
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.2	51.2
54	48.6	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

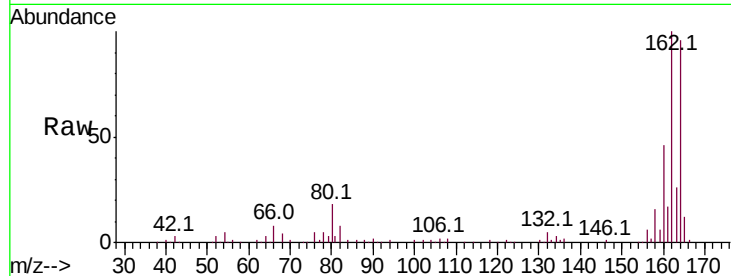




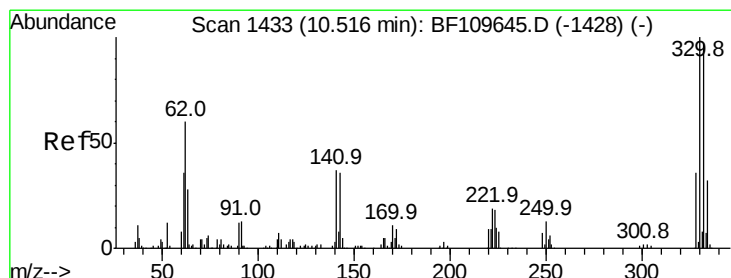
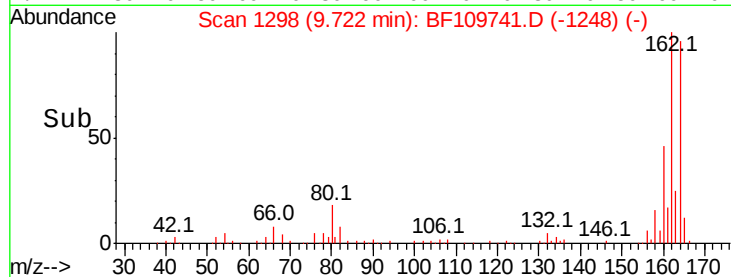
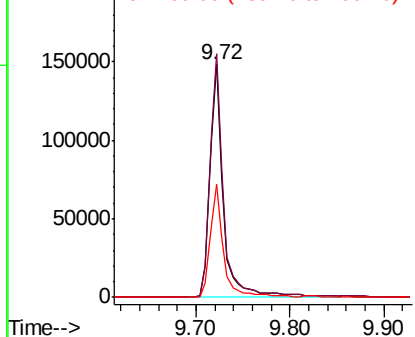
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion:164 Resp: 152255
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.0 124.6
 160 48.2 37.0 55.6

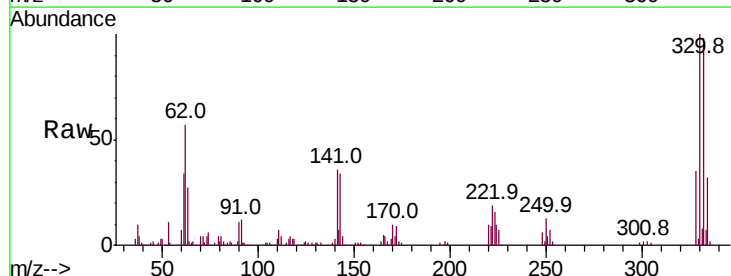


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

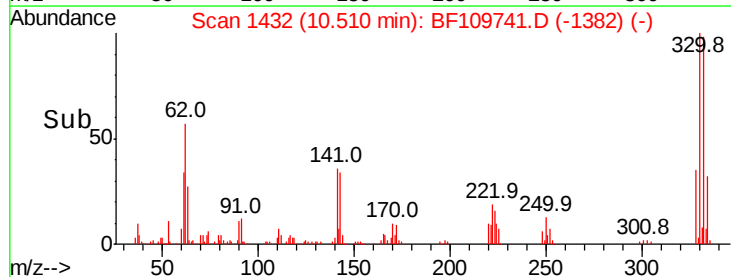
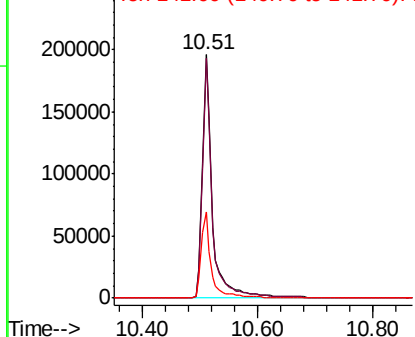


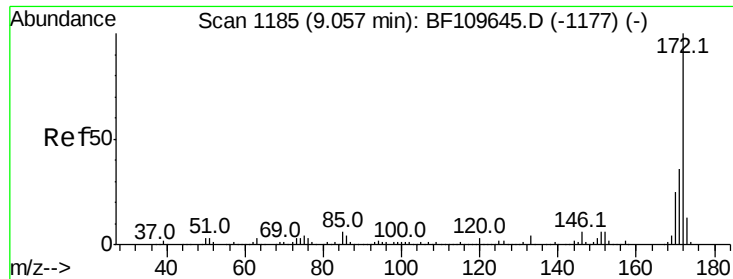
#41
 2,4,6-Tribromophenol
 Concen: 146.712 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Tgt Ion:330 Resp: 243393
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 35.1 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



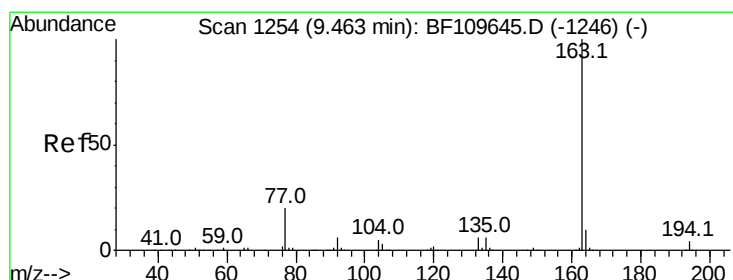
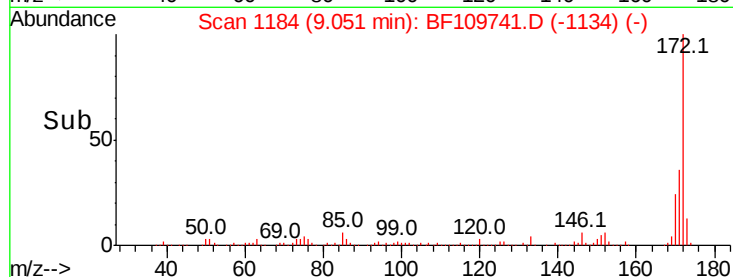
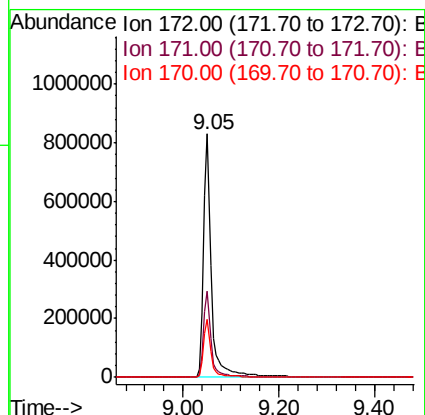
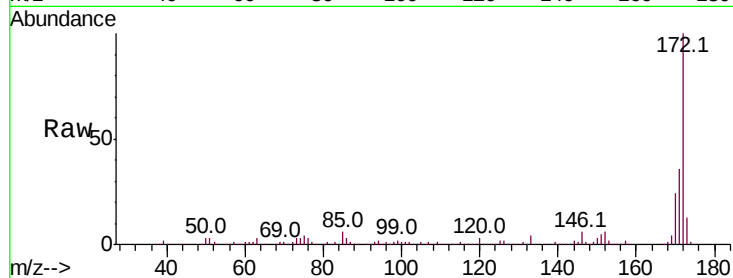


#44
 2-Fluorobiphenyl
 Concen: 86.164 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion:172 Resp: 952546

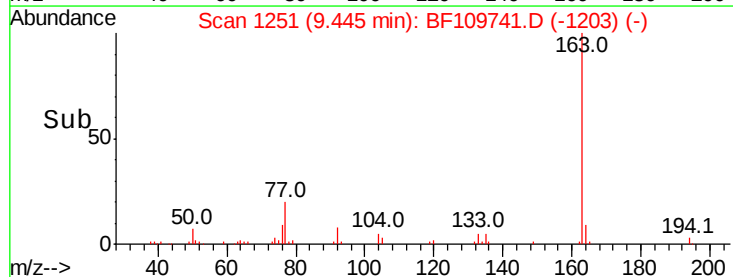
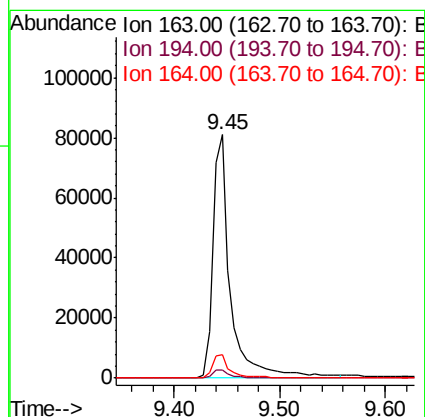
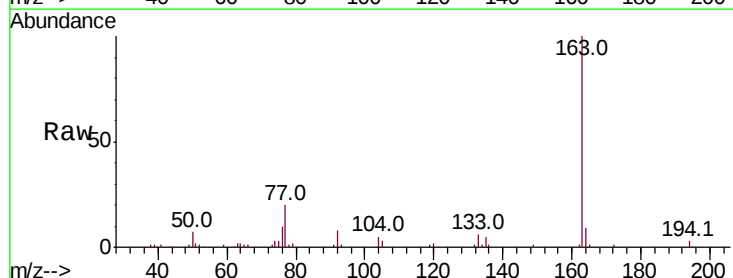
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.7	29.5

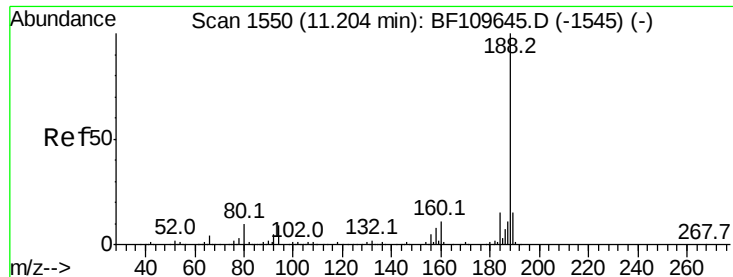


#49
 Dimethylphthalate
 Concen: 8.493 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Tgt Ion:163 Resp: 94835

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1

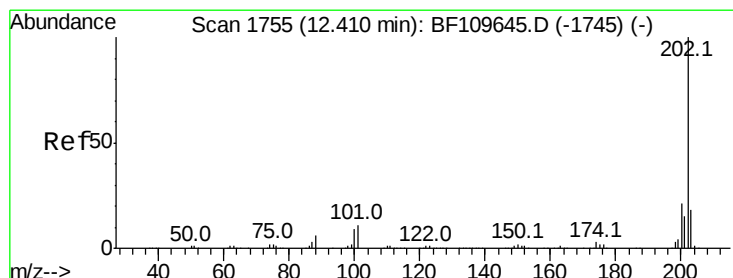
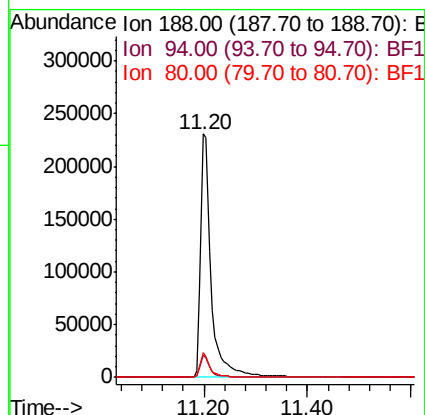
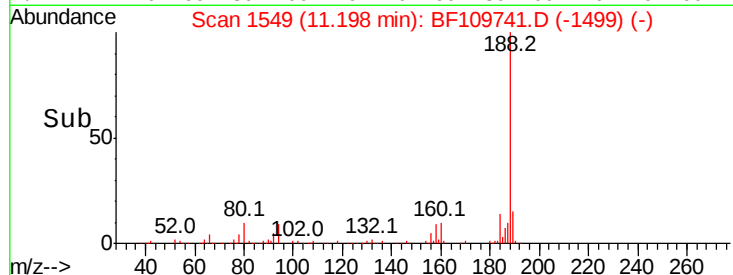
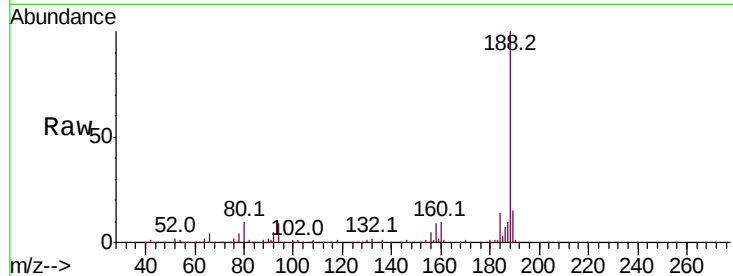




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

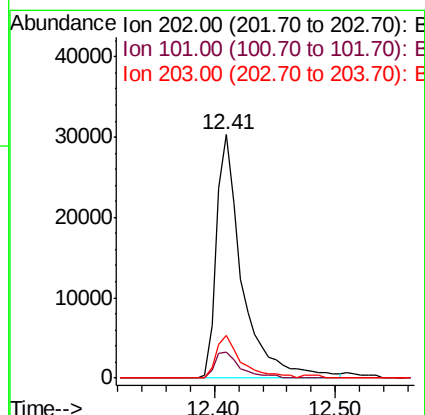
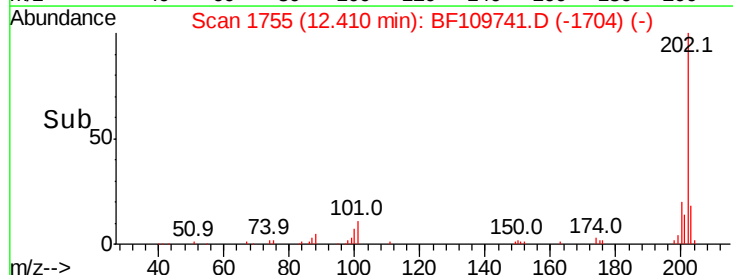
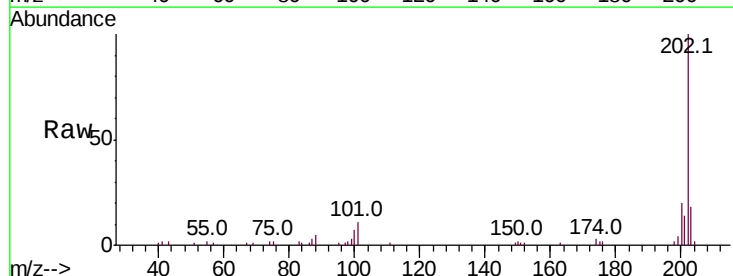
Instrument :
BNA_F
ClientSampleId :
FL-PIT-5

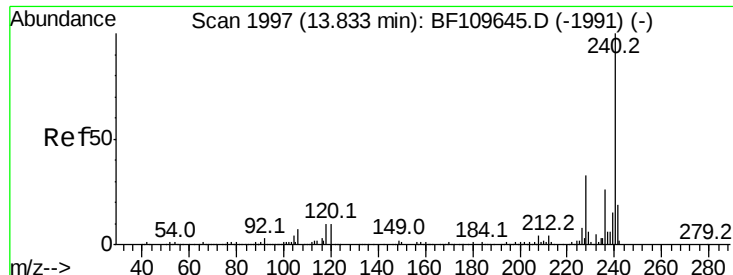
Tot Ion:188 Resp: 323080
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.3 7.9 11.9



#74
Fluoranthene
Concen: 2.629 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion:202 Resp: 44400
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.8 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: BF109741.D

Acq: 10 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

FL-PIT-5

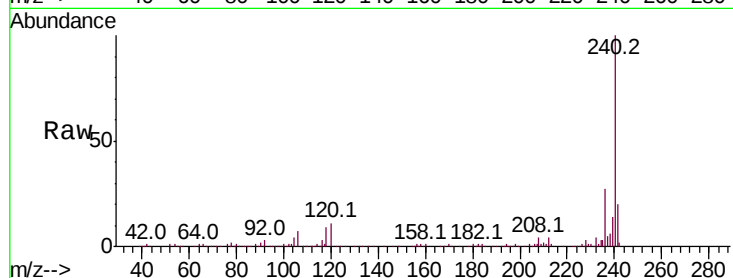
Tot Ion:240 Resp: 288797

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

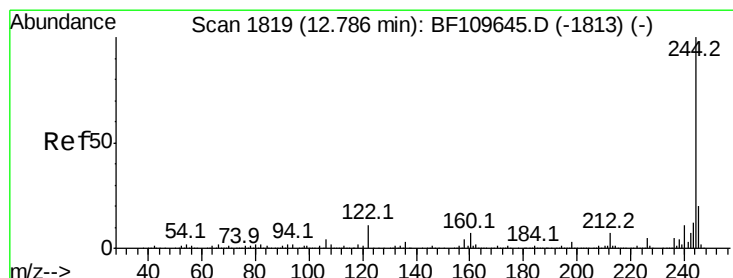
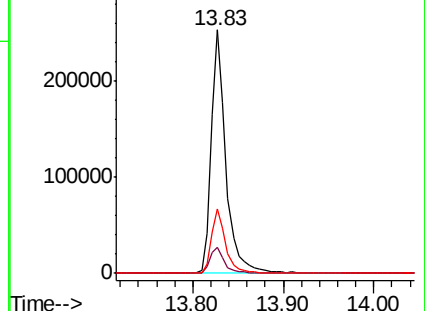
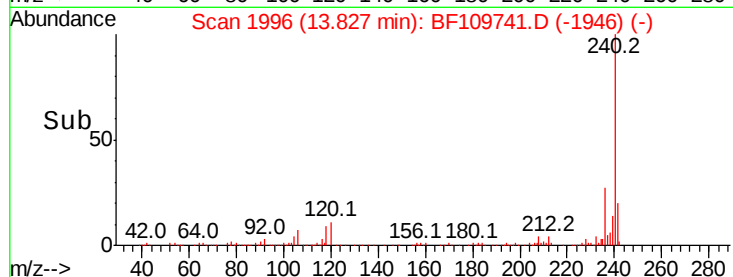
236 26.7 21.2 31.8



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: 72.234 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

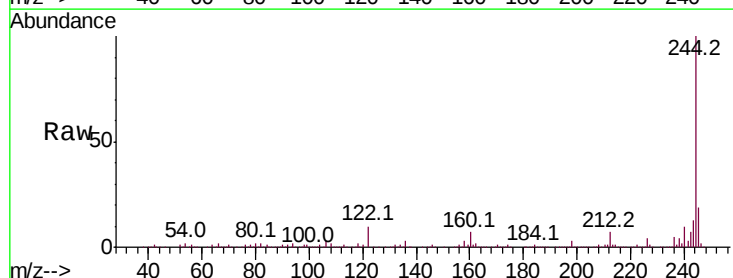
Tgt Ion:244 Resp: 1077621

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

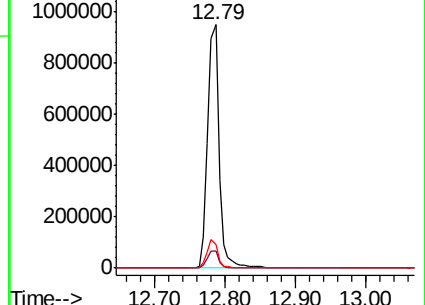
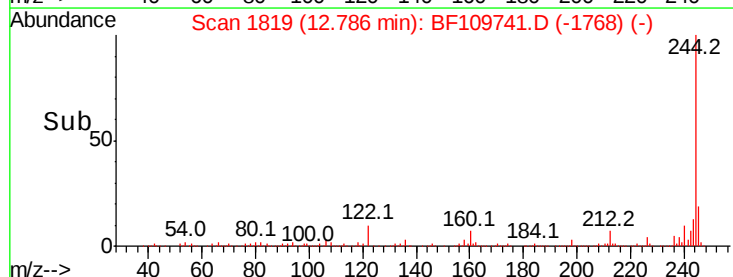
122 9.8 8.7 13.1

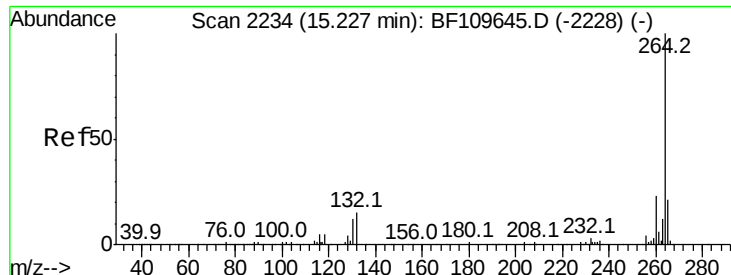


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.2	16.7	25.1

