

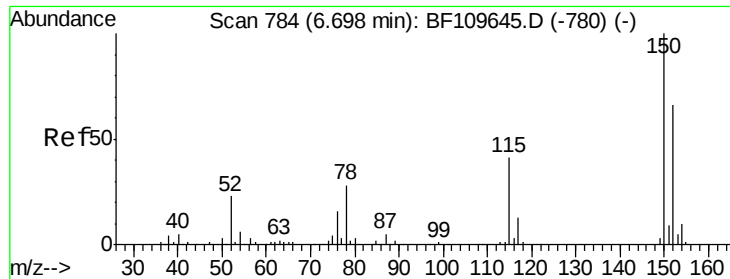
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109718.D
 Acq On : 10 Oct 2018 2:04
 Operator : JU/SJ
 Sample : J5326-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Quant Time: Oct 10 03:09:54 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						
19) n-Nitroso-di-n-propylamine	7.26	70	50291	12.946	ng	# 78
25) Isophorone	7.26	82	397212	44.788	ng	# 67
49) Dimethylphthalate	9.45	163	77854	8.950	ng	100
56) 2,4-Dinitrotoluene	9.72	165	14415	6.126	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6472	2.848	ng	# 1
74) Fluoranthene	12.41	202	31557	3.052	ng	97
77) Pyrene	12.63	202	33502	2.314	ng	94
87) Benzo(b)fluoranthene	14.83	252	23687	2.699	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	23687	2.686	ng	# 95

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

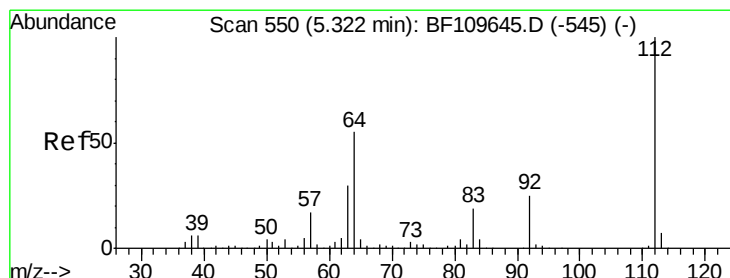
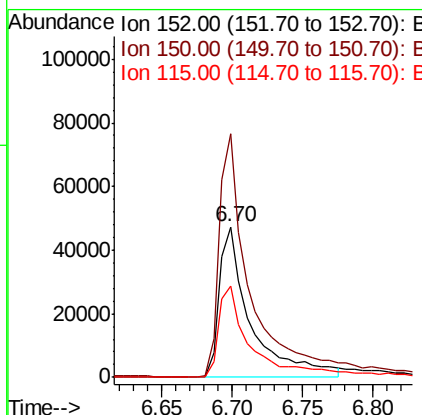
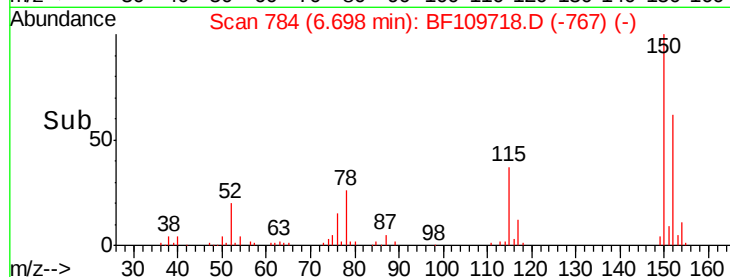
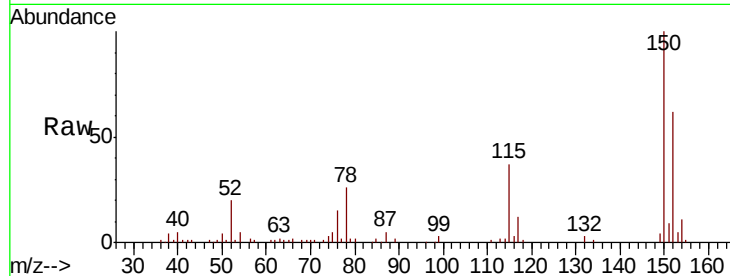


#1

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

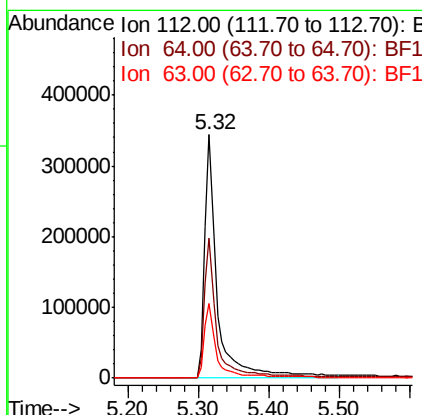
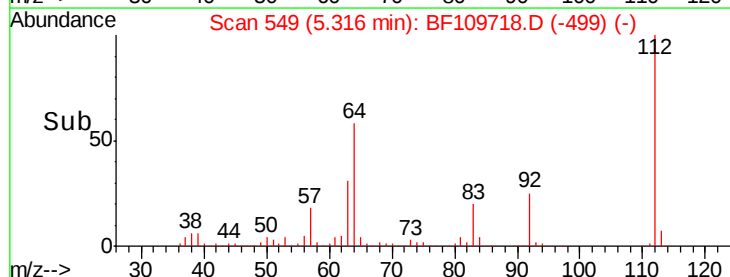
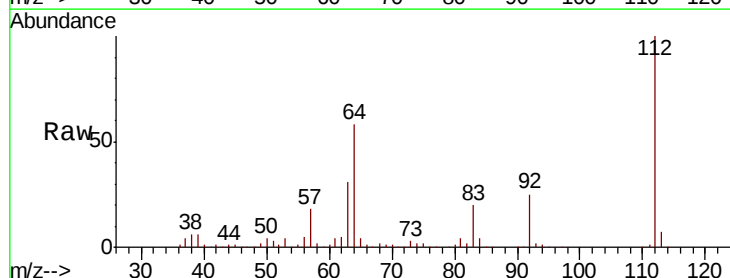
Tgt Ion:152 Resp: 73604
Ion Ratio Lower Upper
152 100
150 161.4 122.7 184.1
115 60.2 49.1 73.7

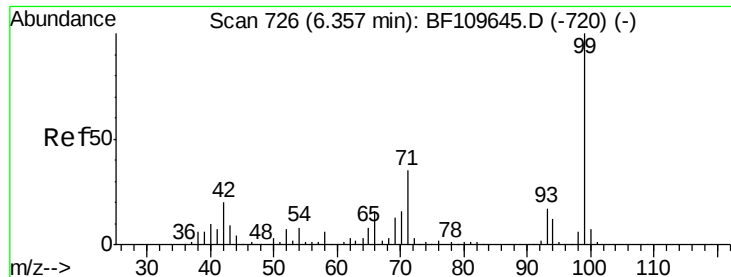


#5

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:112 Resp: 437799
Ion Ratio Lower Upper
112 100
64 57.6 44.1 66.1
63 30.6 23.7 35.5





#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

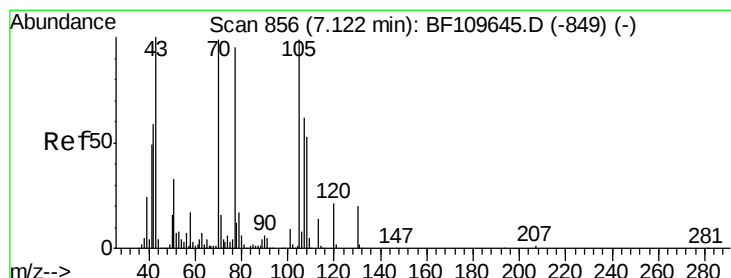
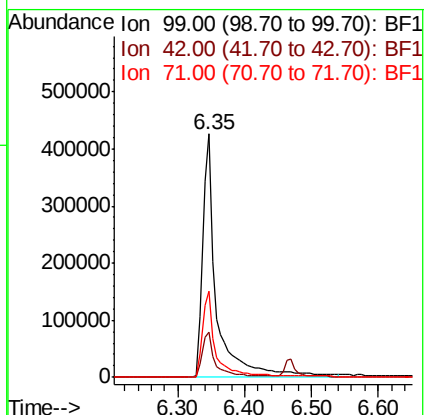
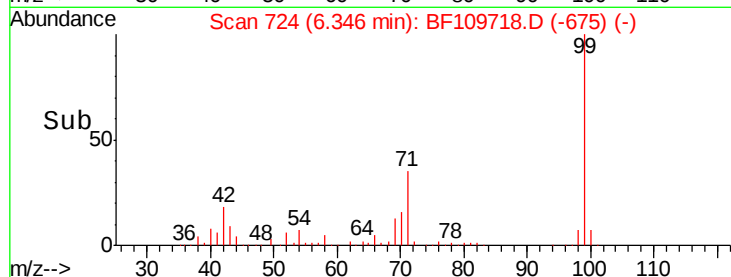
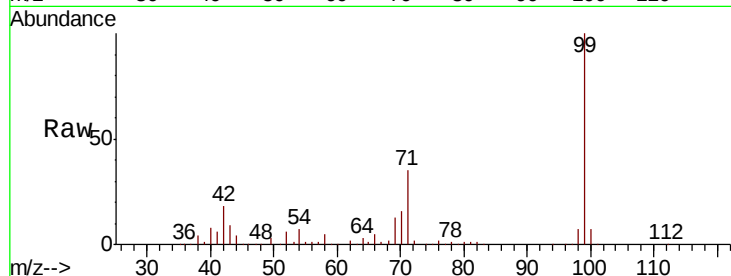
Tgt Ion: 99 Resp: 609693

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

71 35.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.946 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

Tgt Ion: 70 Resp: 50291

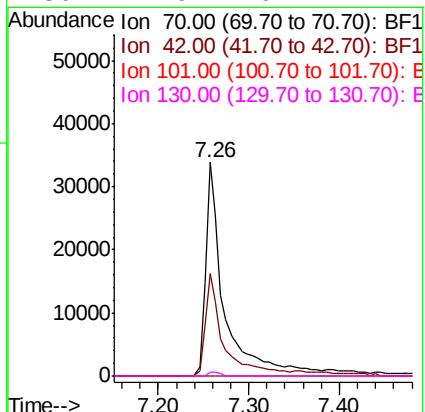
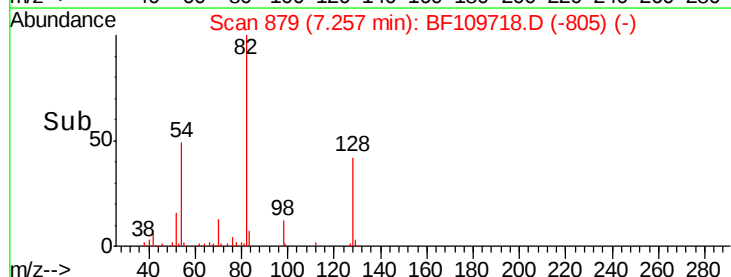
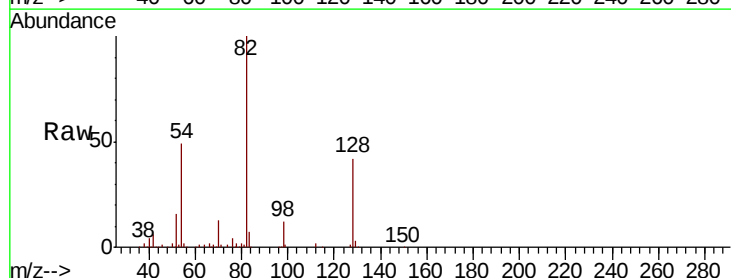
Ion Ratio Lower Upper

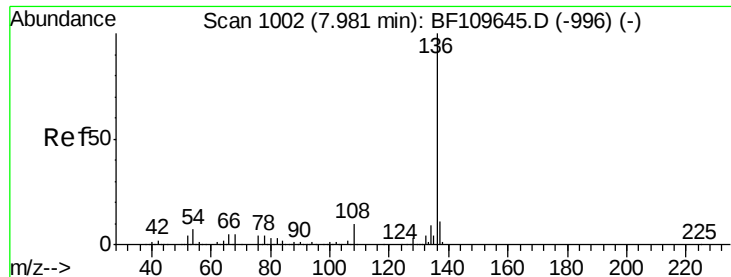
70 100

42 48.1 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

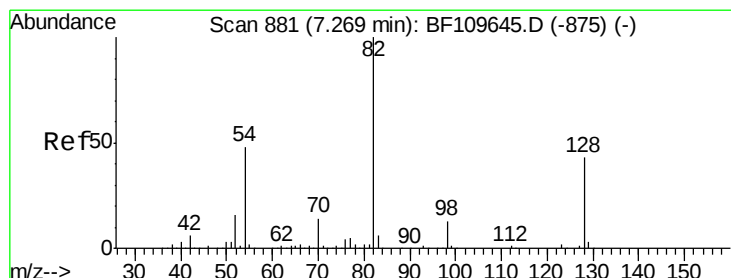
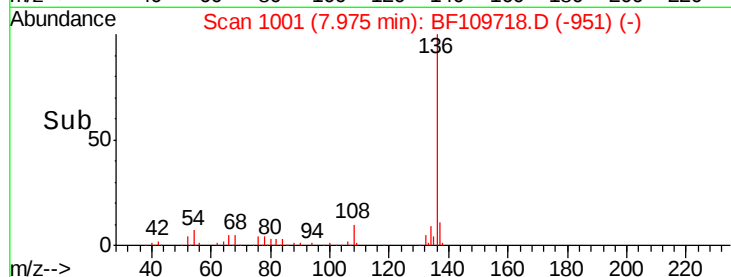
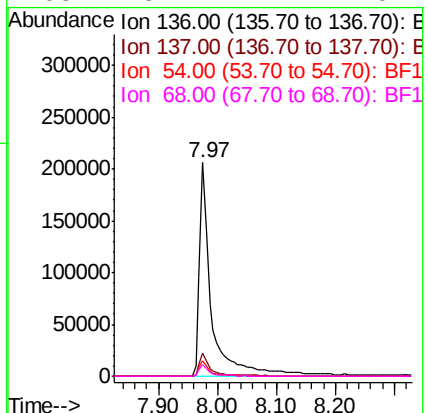
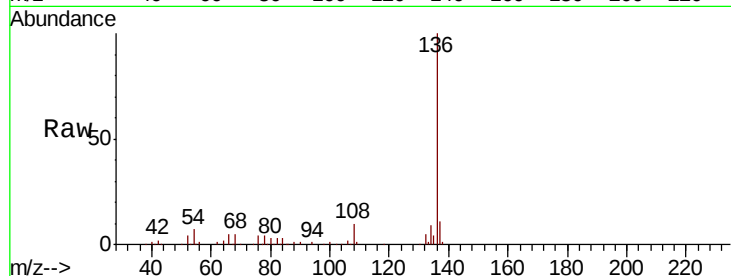




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

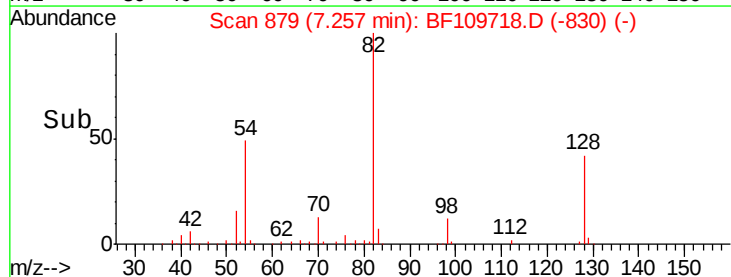
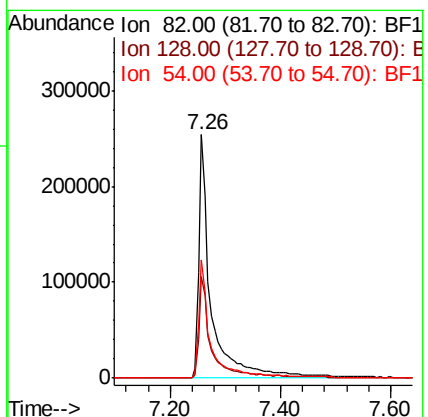
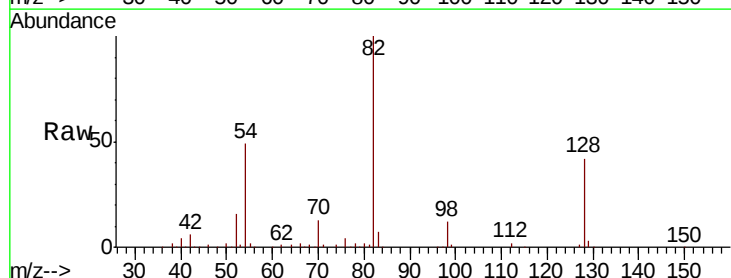
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ClientSampleId :
FL-PIT-1

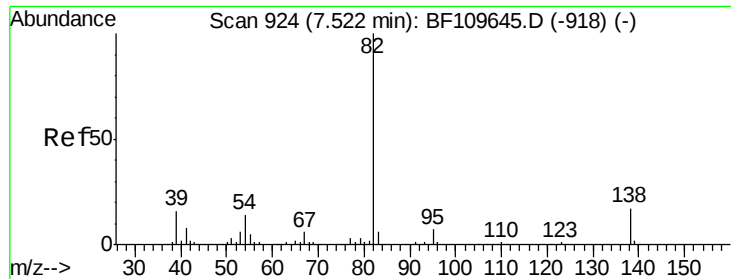
Tgt Ion:	136	Resp:	294405
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.2	5.4	8.2
68	5.4	4.2	6.2



#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

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

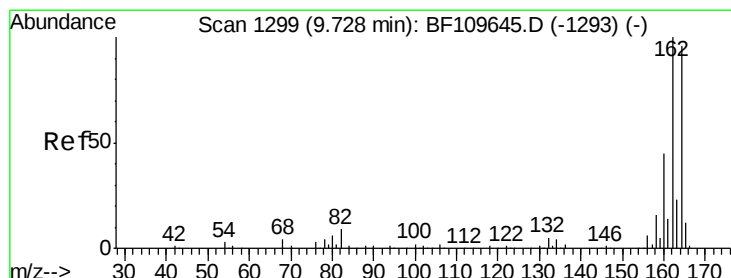
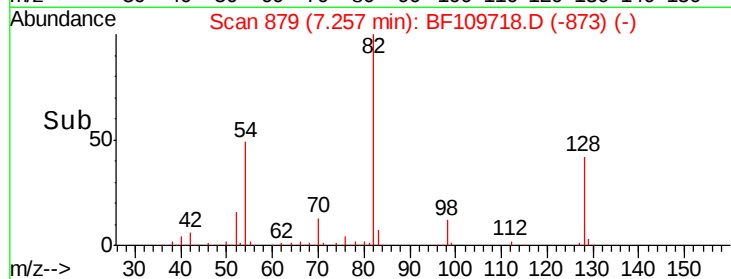
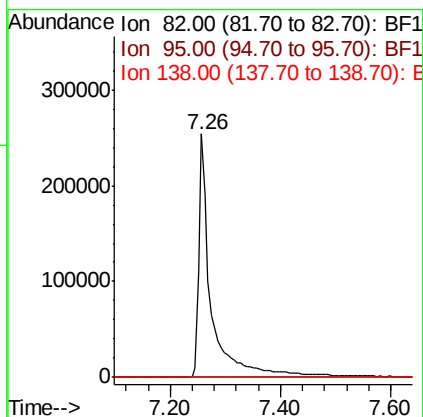
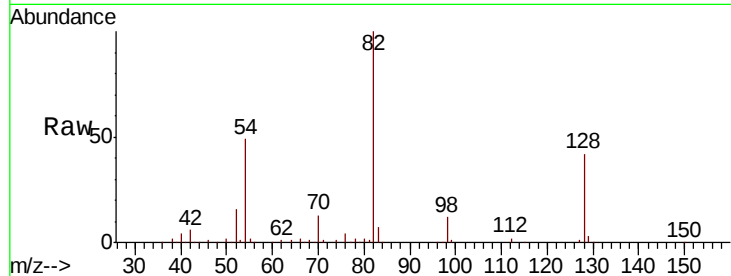




#25
Isophorone
Concen: 44.788 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

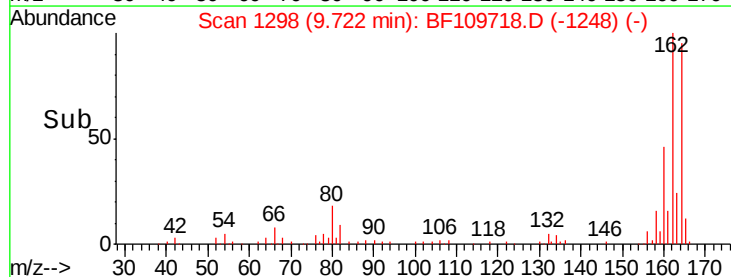
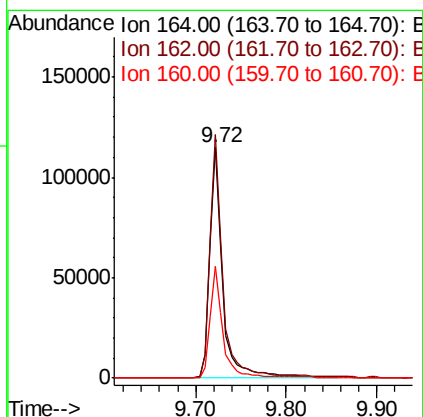
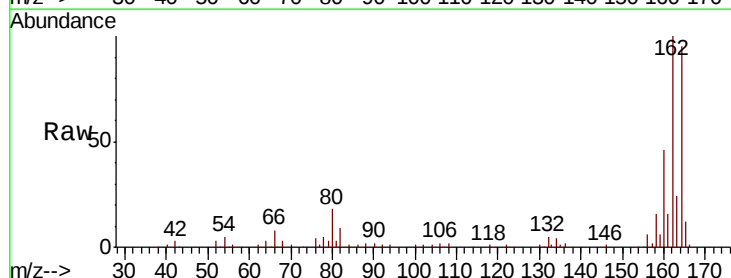
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BNA_F
ClientSampleId :
FL-PIT-1

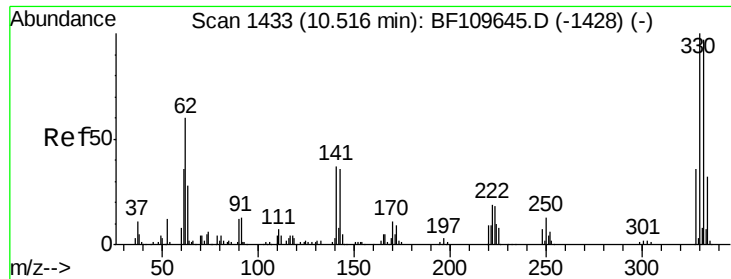
Tgt Ion: 82 Resp: 397212
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#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

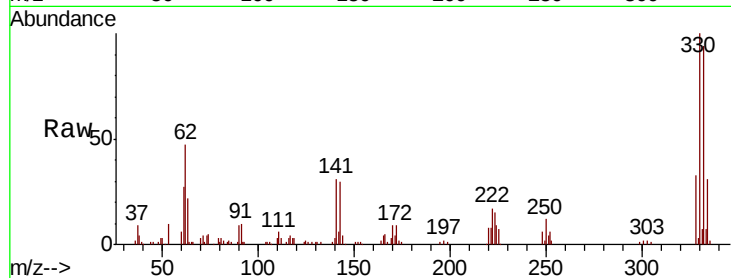




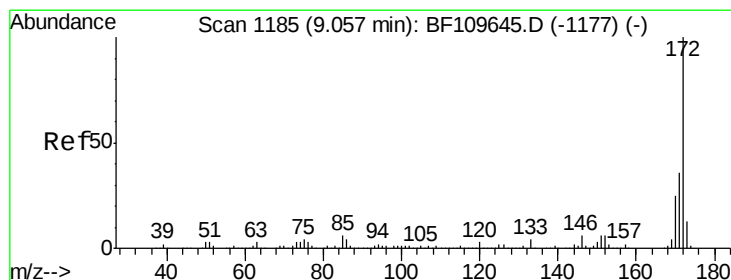
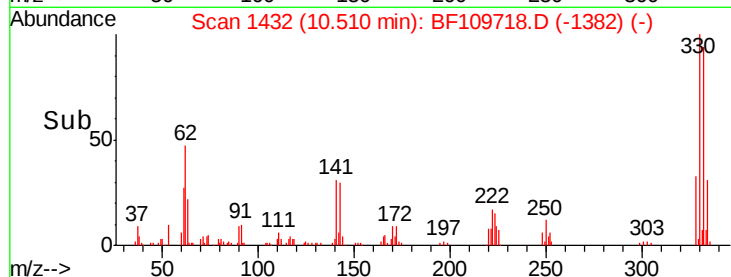
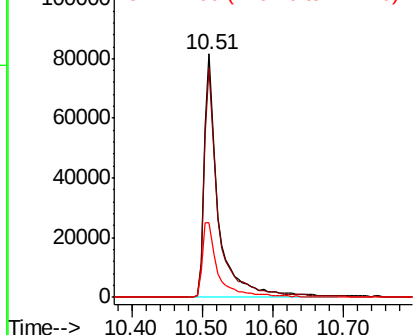
#41
 2,4,6-Tribromophenol
 Concen: 87.341 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-1

Tgt Ion:330 Resp: 112874
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 34.4 27.0 40.4

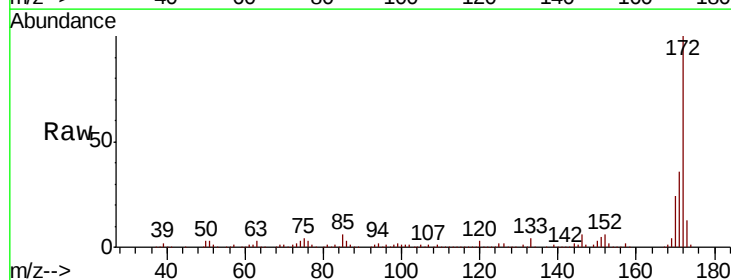


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

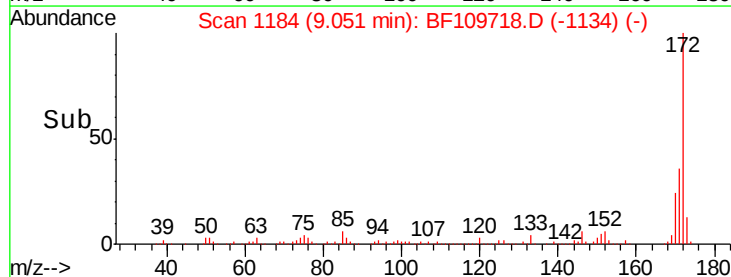
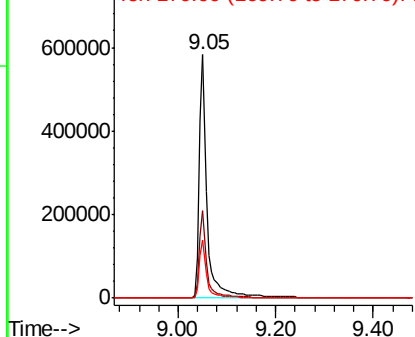


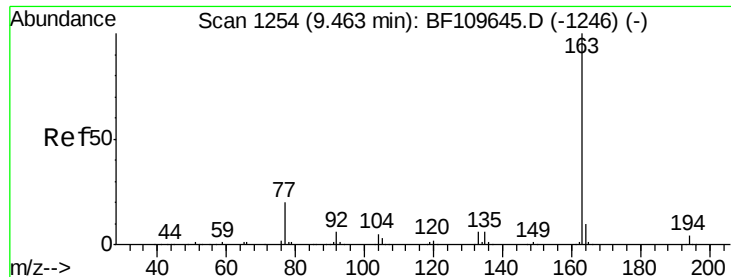
#44
 2-Fluorobiphenyl
 Concen: 76.215 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

Tgt Ion:172 Resp: 656348
 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

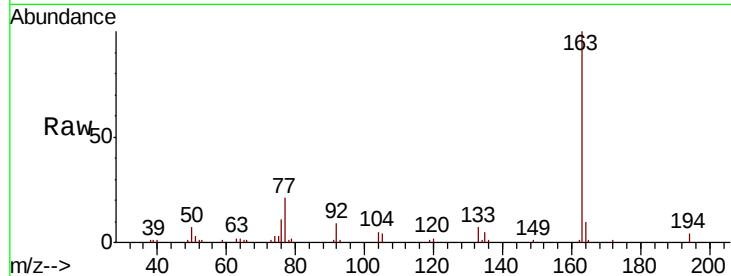




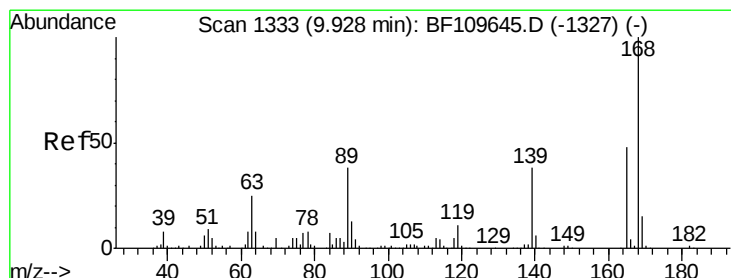
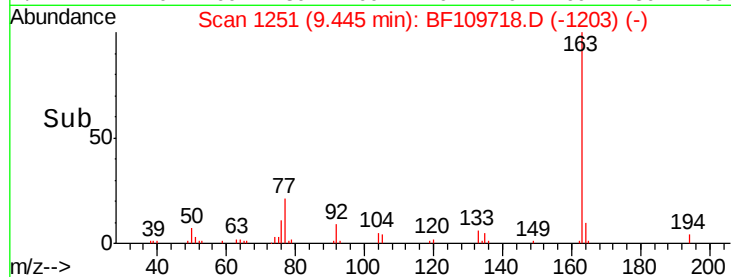
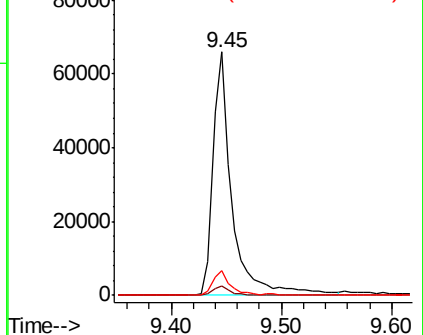
#49
Dimethylphthalate
Concen: 8.950 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

Tgt Ion:163 Resp: 77854
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.1 12.1

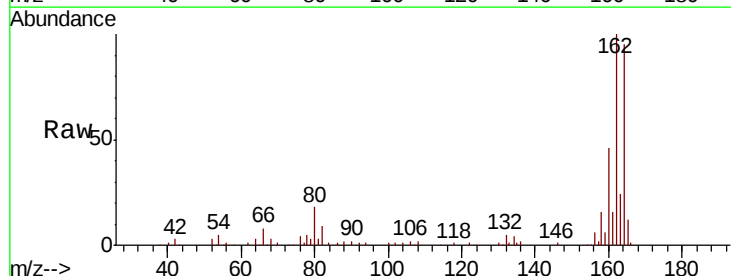


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

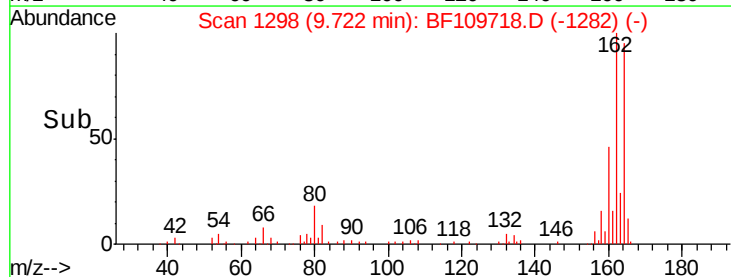
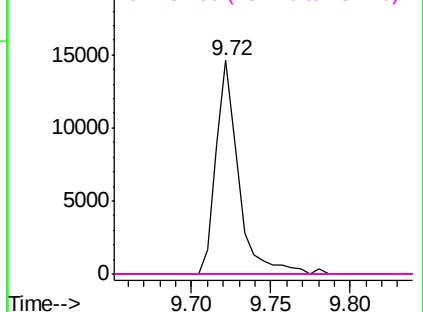


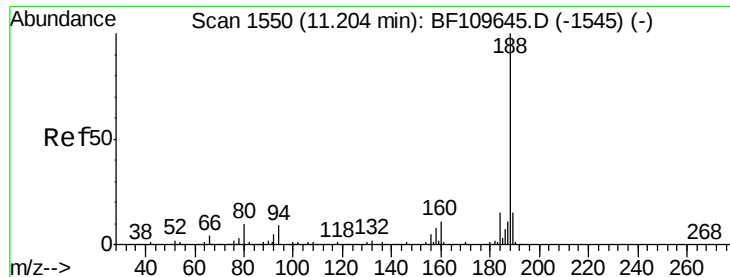
#56
2,4-Dinitrotoluene
Concen: 6.126 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

Tgt Ion:165 Resp: 14415
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

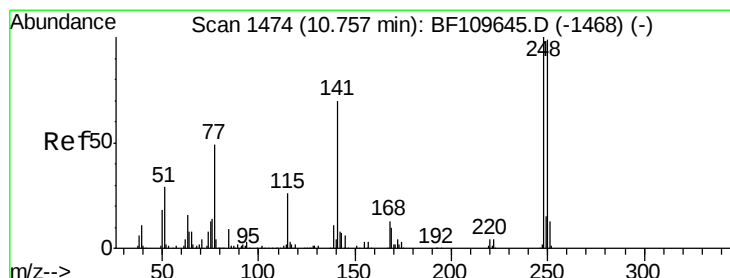
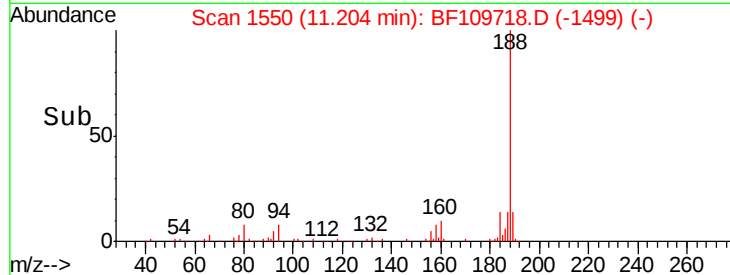
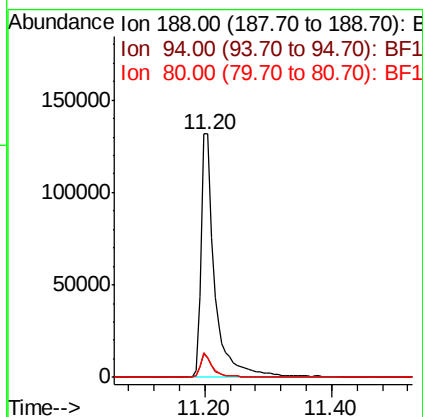
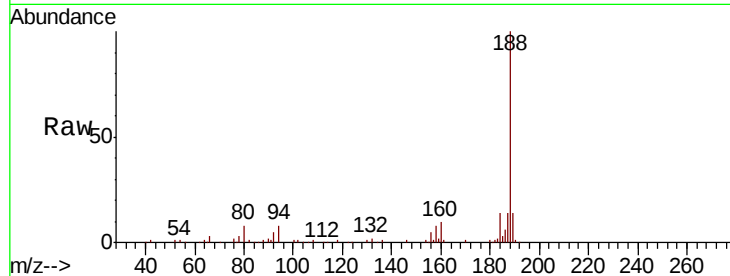




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

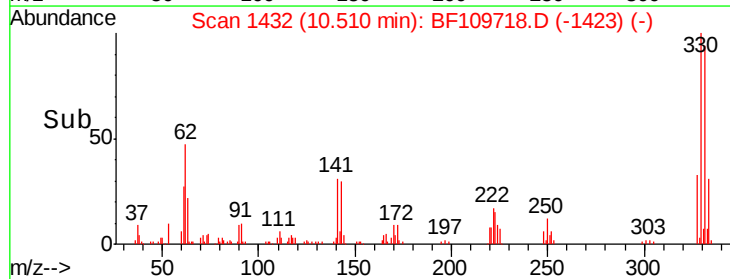
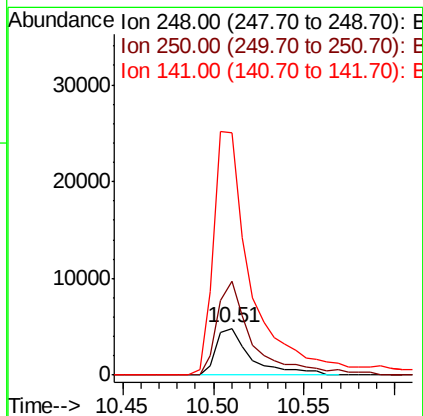
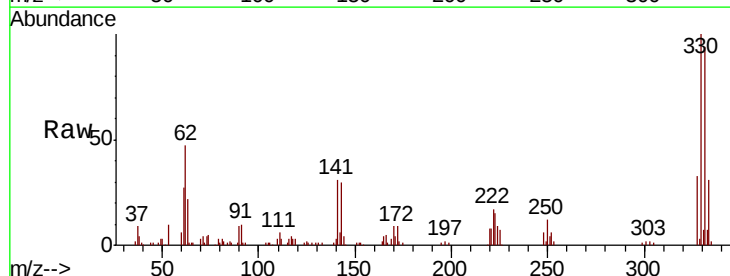
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

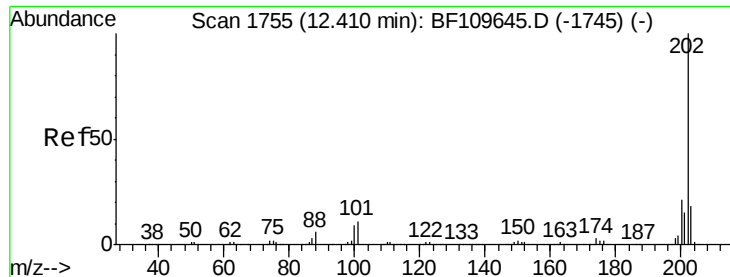
Tgt Ion:188 Resp: 197780
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.2 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.848 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

Tgt Ion:248 Resp: 6472
Ion Ratio Lower Upper
248 100
250 199.3 79.4 119.2#
141 515.6 55.9 83.9#

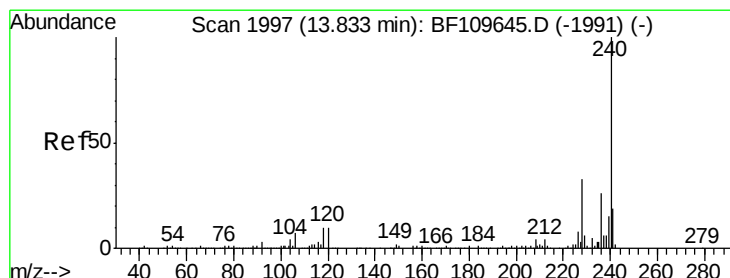
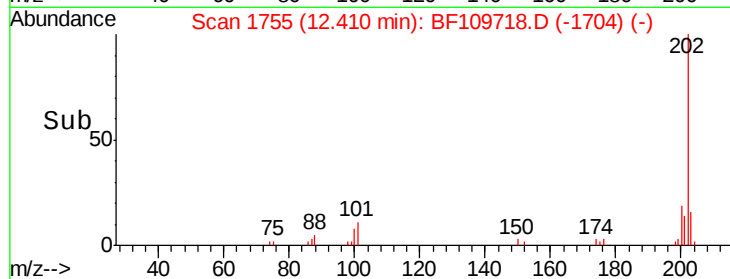
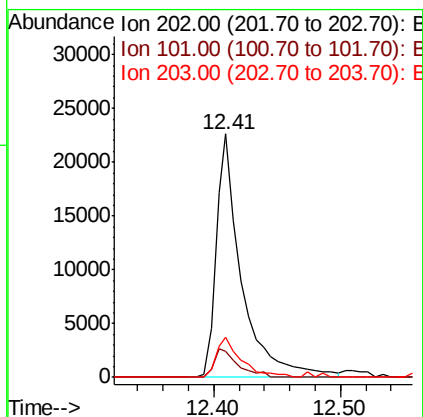
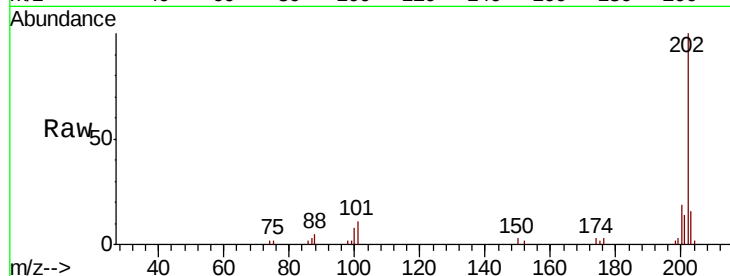




#74
 Fluoranthene
 Concen: 3.052 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF109718.D
 Acq: 10 Oct 2018 2:04

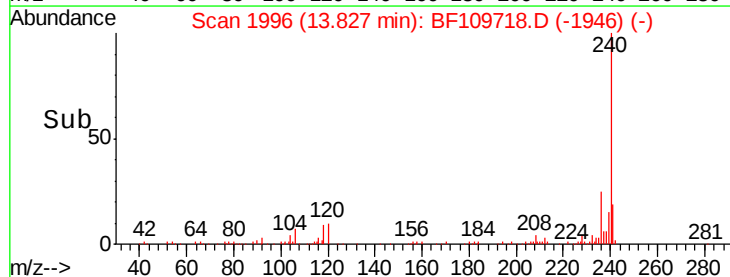
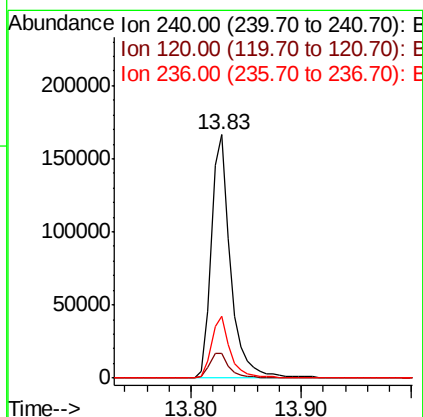
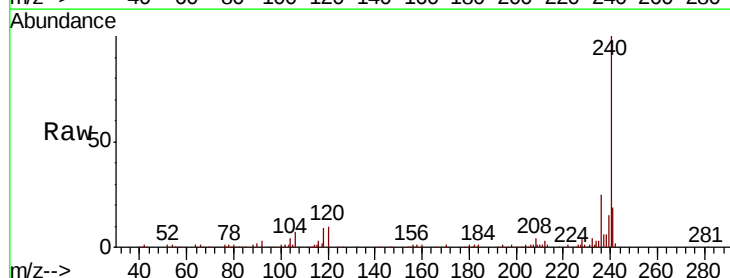
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

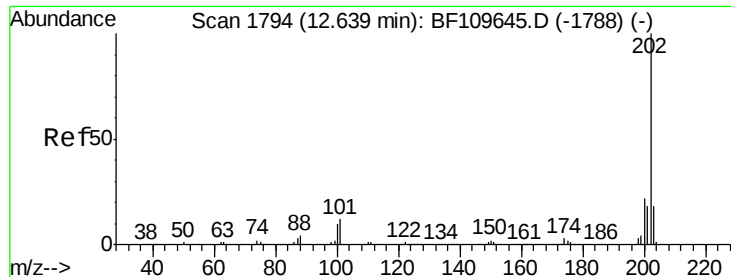
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	16.3	0.0	37.7



#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

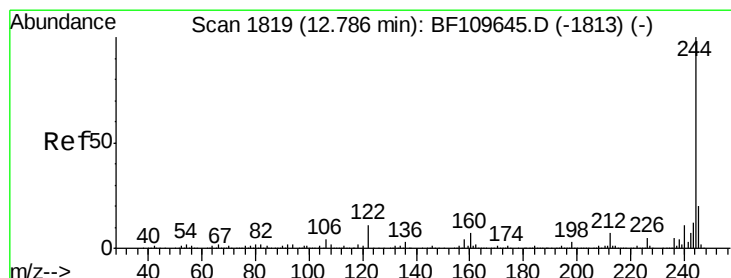
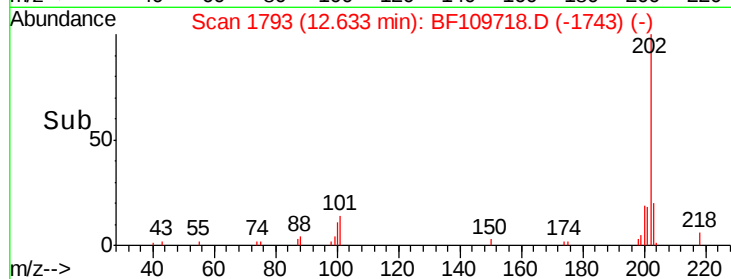
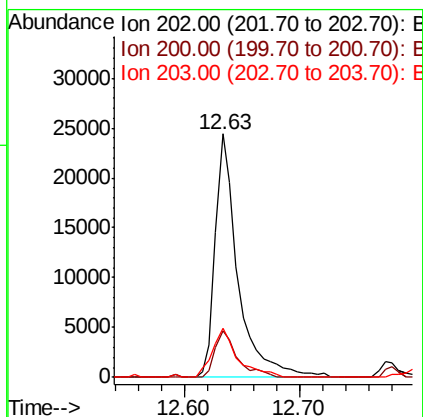
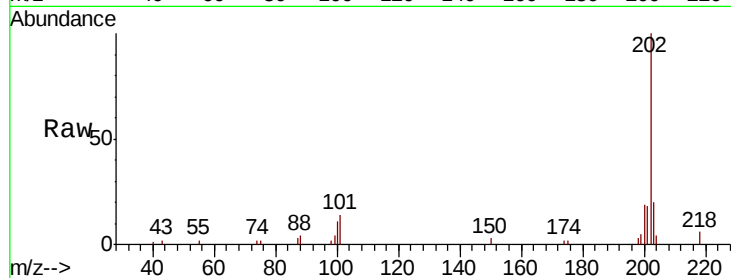




#77
Pyrene
Concen: 2.314 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

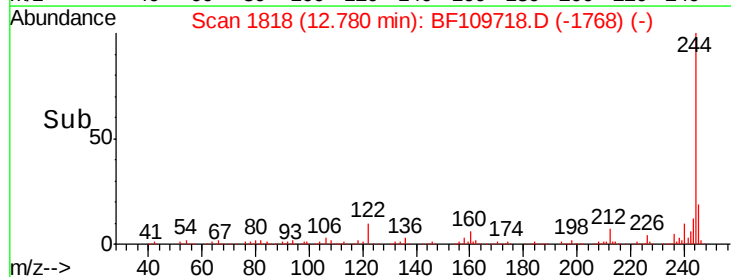
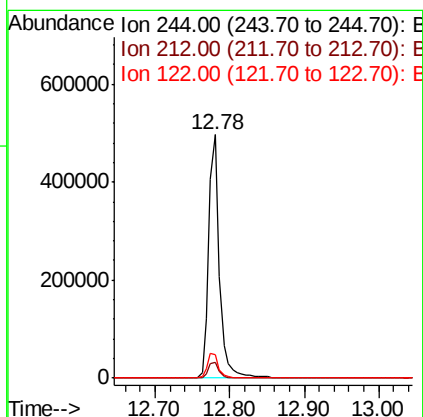
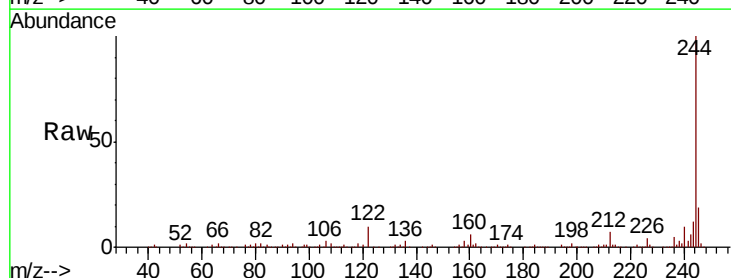
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

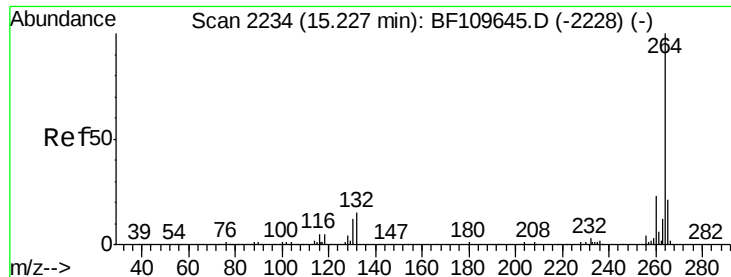
Tgt Ion: 202 Resp: 33502
Ion Ratio Lower Upper
202 100
200 19.2 17.8 26.6
203 19.9 14.2 21.4



#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

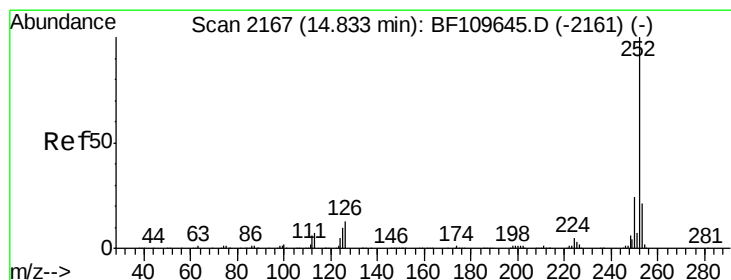
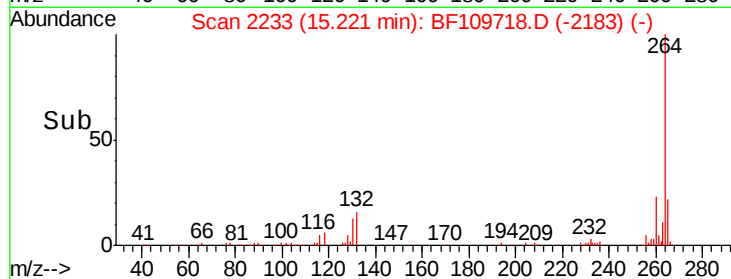
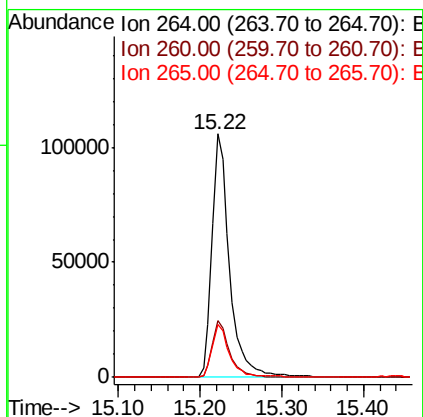
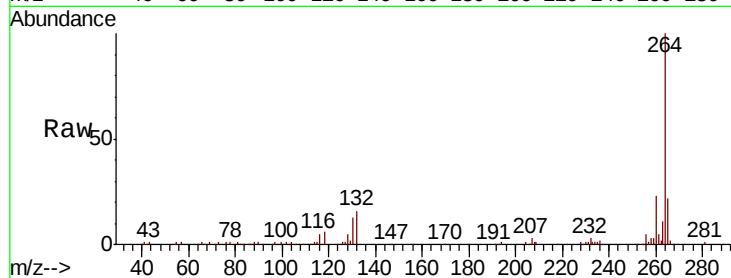




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

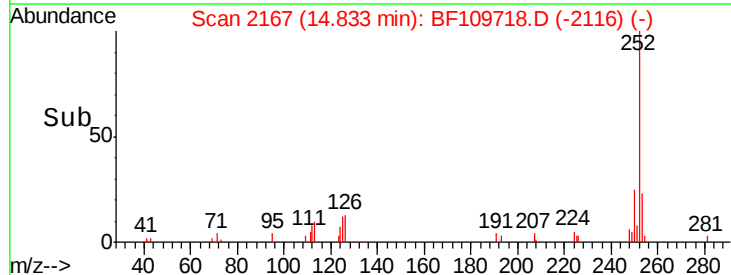
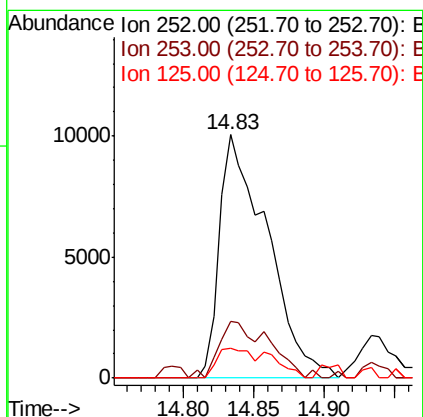
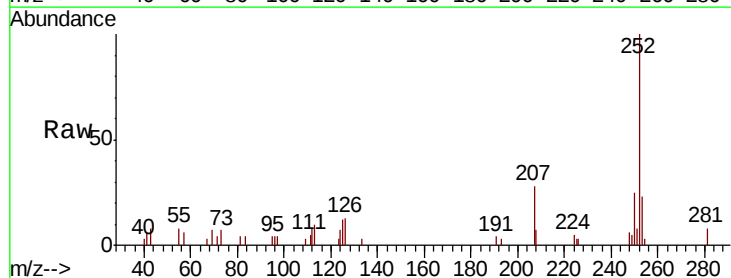
Instrument :
BNA_F
ClientSampled :
FL-PIT-1

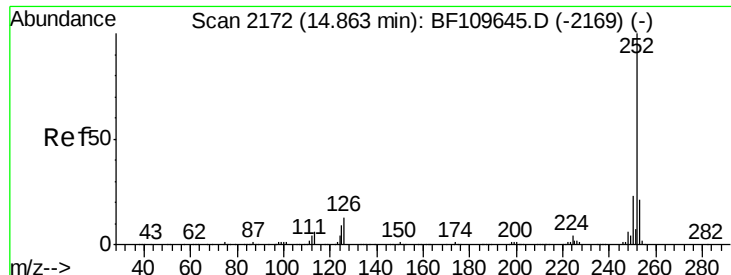
Tgt Ion:264 Resp: 158810
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.5 16.7 25.1



#87
Benzo(b)fluoranthene
Concen: 2.699 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109718.D
Acq: 10 Oct 2018 2:04

Tgt Ion:252 Resp: 23687
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 12.4 8.2 12.4#





#88

Benzo(k)fluoranthene

Concen: 2.686 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BF109718.D

Acq: 10 Oct 2018 2:04

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

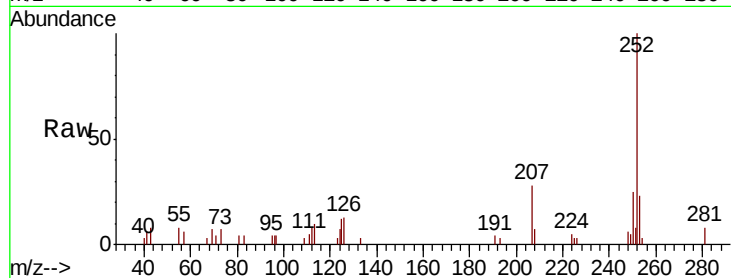
Tgt Ion:252 Resp: 23687

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 12.4 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

