

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109765.D
 Acq On : 11 Oct 2018 2:29
 Operator : JU/SJ
 Sample : J5326-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Quant Time: Oct 11 05:50:17 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

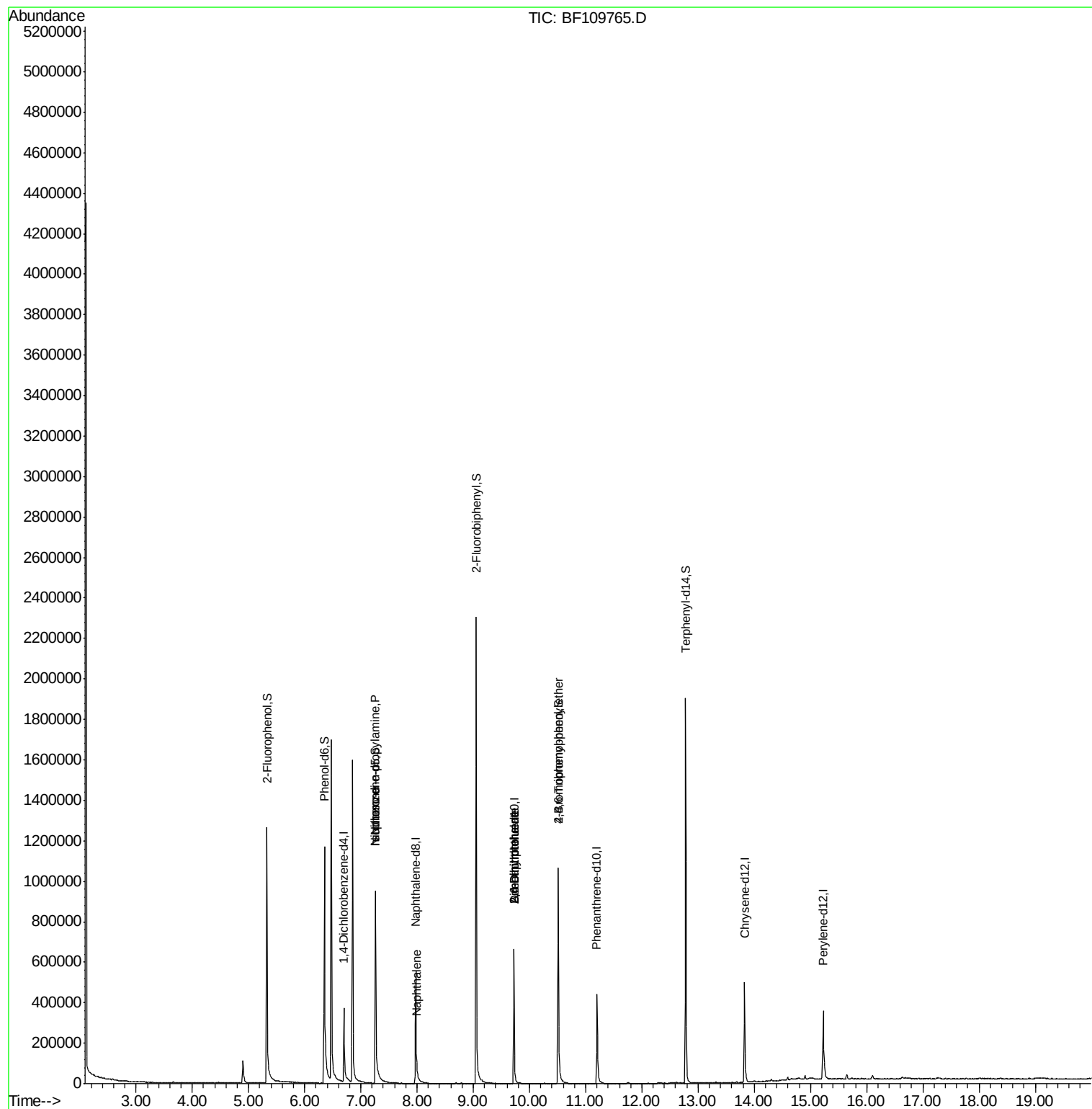
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81386	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	328093	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	146426	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	249190	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204559	20.00	ng	0.00
86) Perylene-d12	15.23	264	189611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	456604	99.59	ng	0.00
7) Phenol-d6	6.35	99	588436	96.07	ng	0.00
23) Nitrobenzene-d5	7.26	82	471016	79.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	162694	101.97	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	840852	79.09	ng	0.00
78) Terphenyl-d14	12.78	244	692766	65.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	60810	14.157	ng	# 77
25) Isophorone	7.26	82	474255	47.984	ng	# 67
31) Naphthalene	8.00	128	35395	2.333	ng	# 99
49) Dimethylphthalate	9.72	163	37250	3.469	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	17708	7.607	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	17708	6.096	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	9512	3.322	ng	# 1

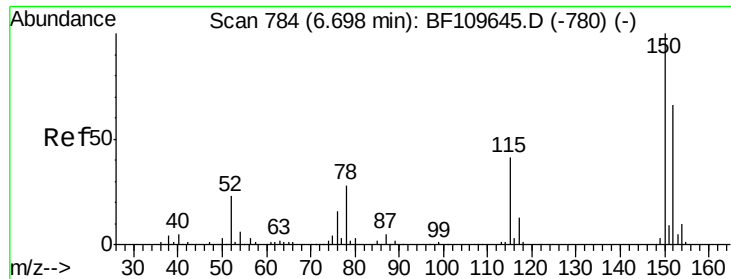
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
Data File : BF109765.D
Acq On : 11 Oct 2018 2:29
Operator : JU/SJ
Sample : J5326-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

Quant Time: Oct 11 05:50:17 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



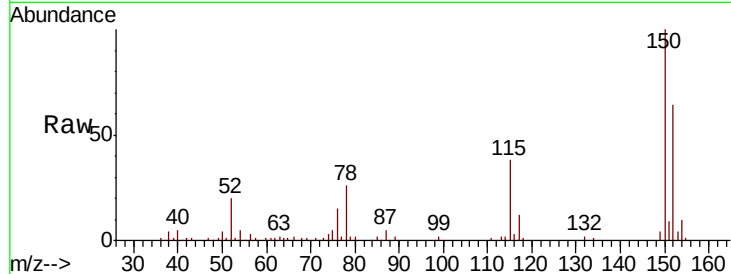


#1

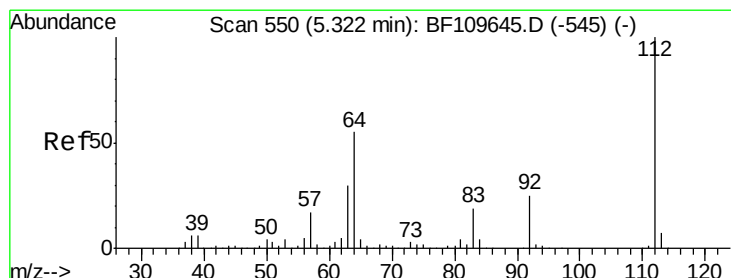
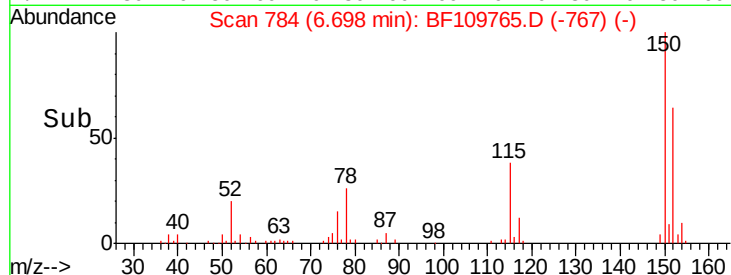
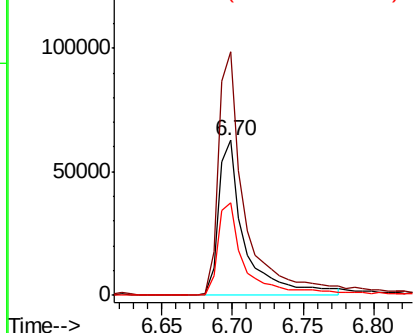
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Instrument :
BNA_F
ClientSampled :
FL-PIT-1

Tgt Ion:152 Resp: 81386
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 60.0 49.1 73.7



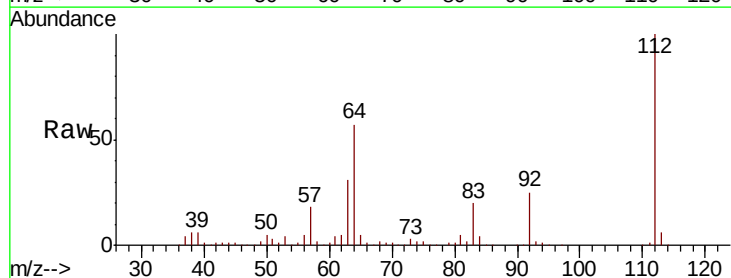
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



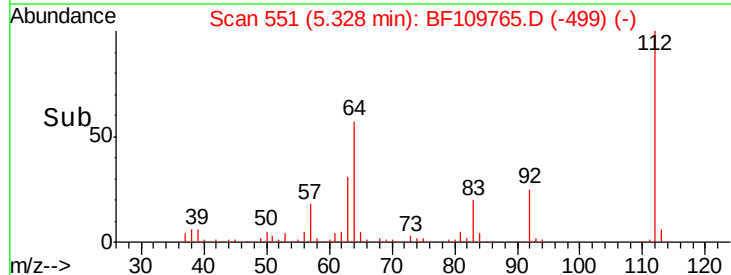
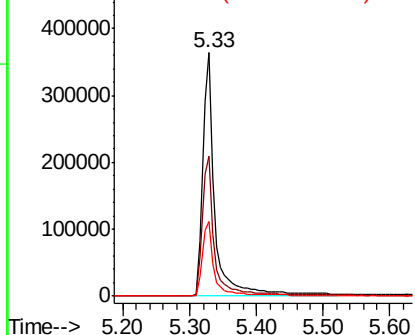
#5

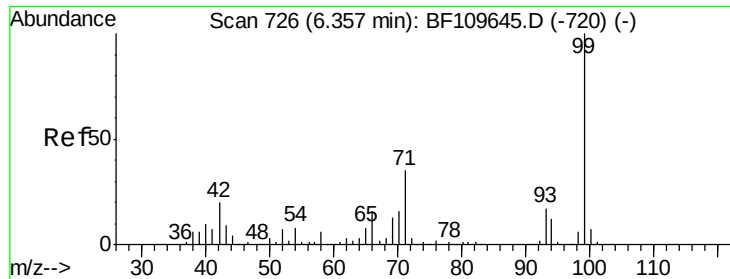
2-Fluorophenol
Concen: 99.585 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Tgt Ion:112 Resp: 456604
Ion Ratio Lower Upper
112 100
64 57.5 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: 96.070 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampled :

FL-PIT-1

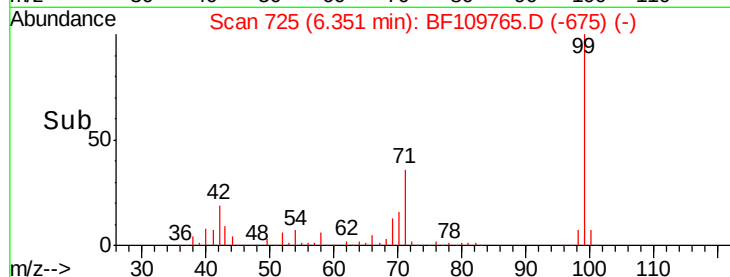
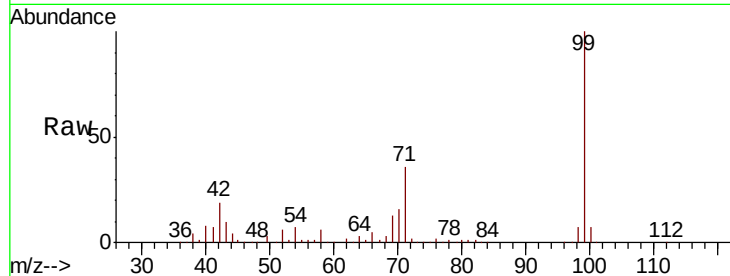
Tgt Ion: 99 Resp: 588436

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

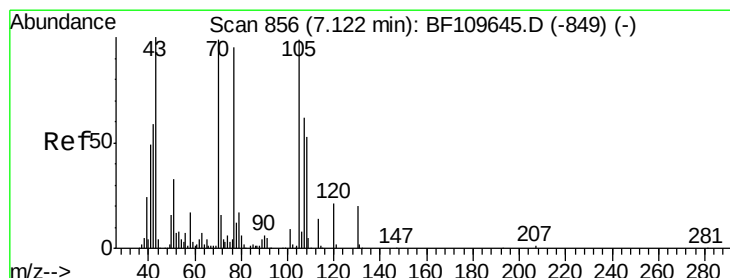
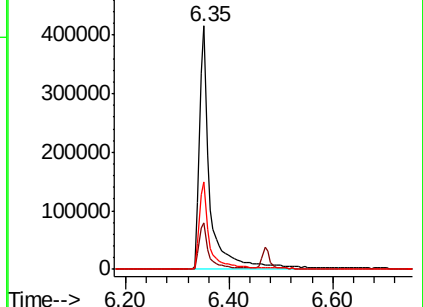
71 35.8 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.157 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Tgt Ion: 70 Resp: 60810

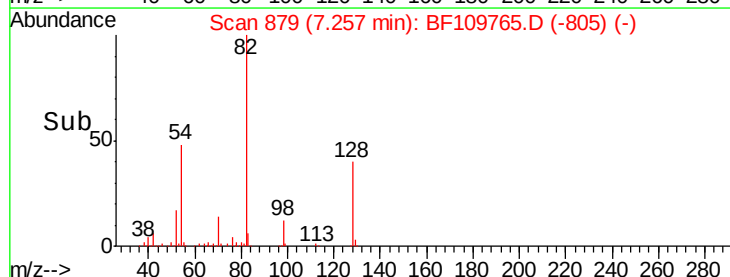
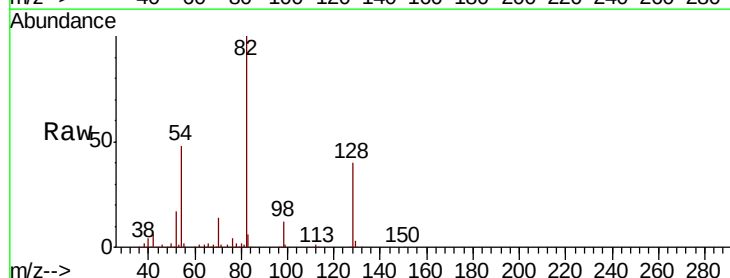
Ion Ratio Lower Upper

70 100

42 46.0 47.4 71.2#

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

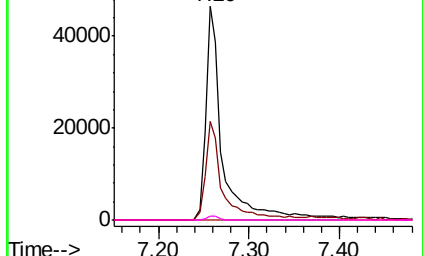


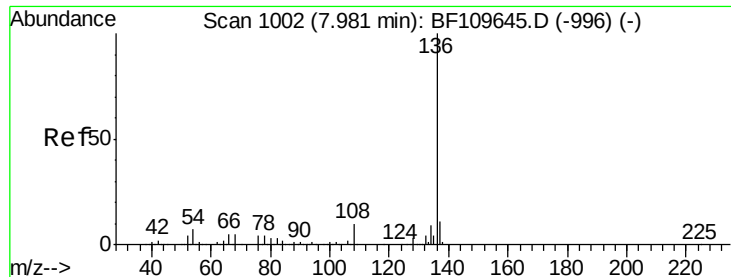
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

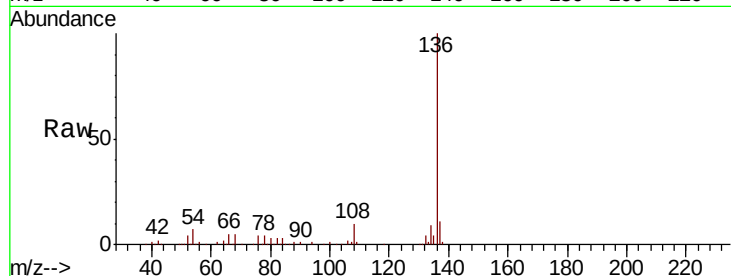




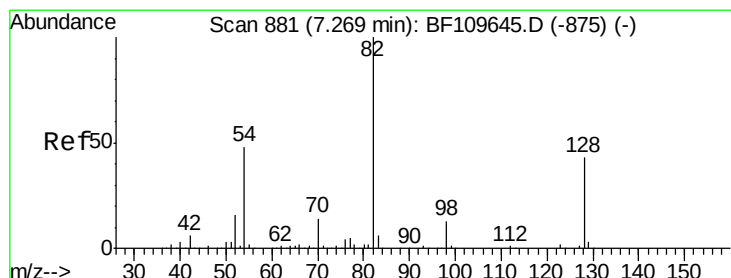
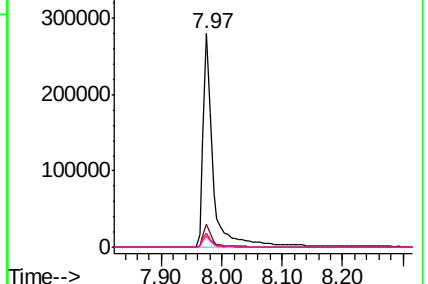
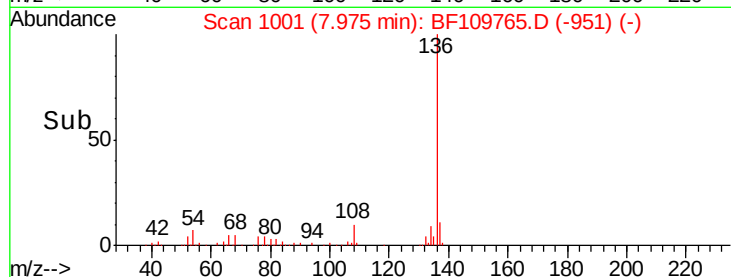
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

Tgt Ion:	136	Resp:	328093
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.4	8.2
68	5.5	4.2	6.2

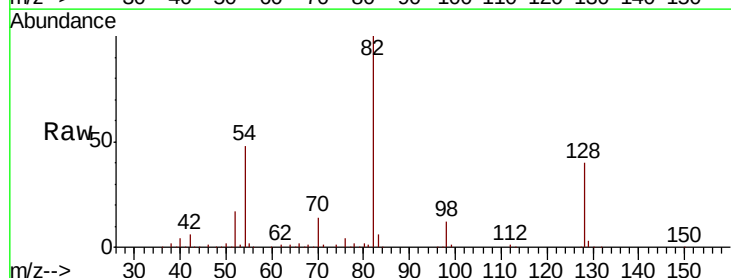


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

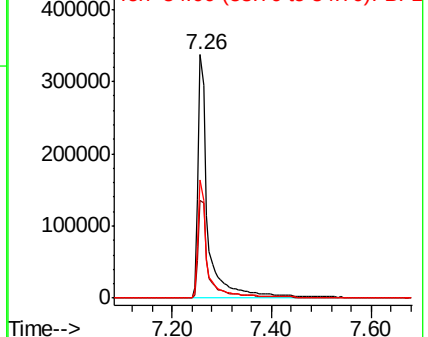
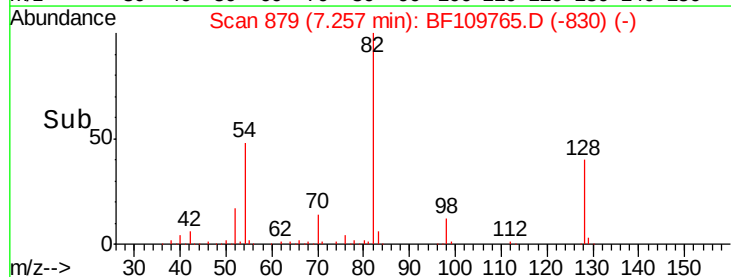


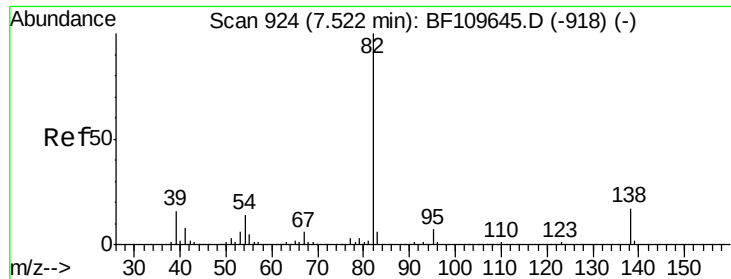
#23
Nitrobenzene-d5
Concen: 79.136 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Tgt Ion:	82	Resp:	471016
Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.2	51.2
54	48.3	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





#25

Isophorone

Concen: 47.984 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

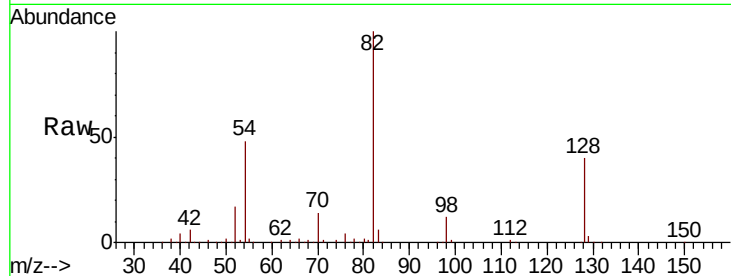
Tgt Ion: 82 Resp: 474255

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

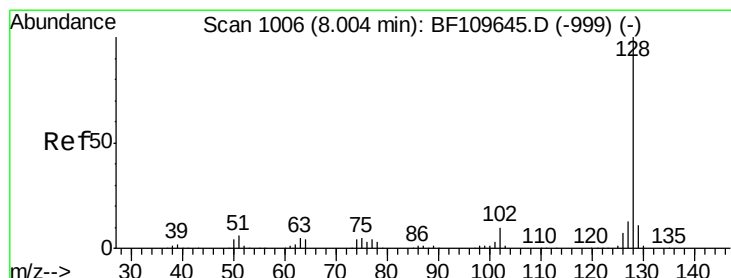
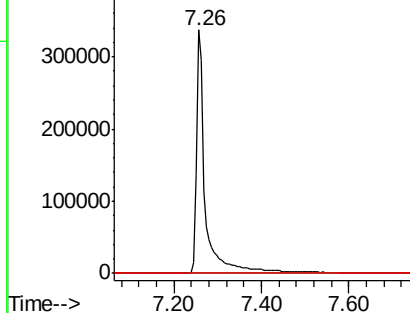
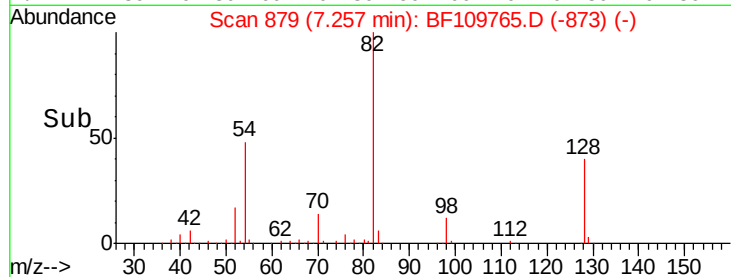
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.333 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

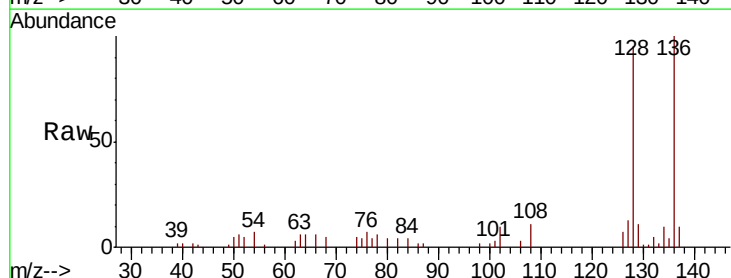
Tgt Ion: 128 Resp: 35395

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

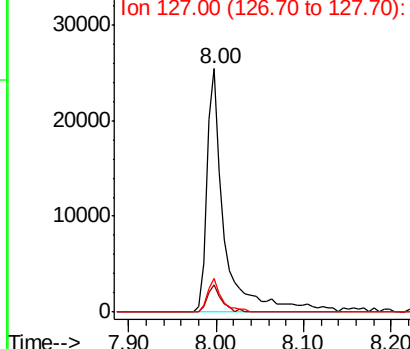
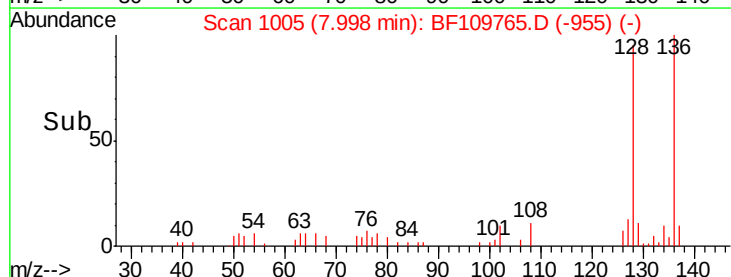
127 13.8 10.8 16.2

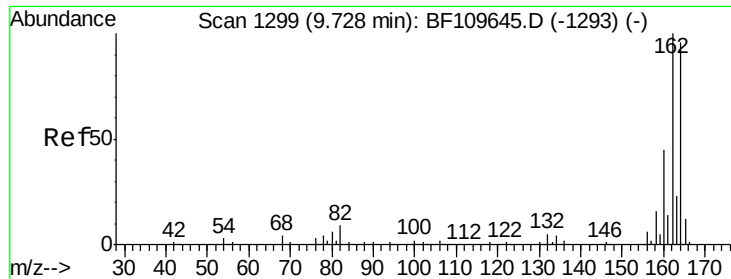


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

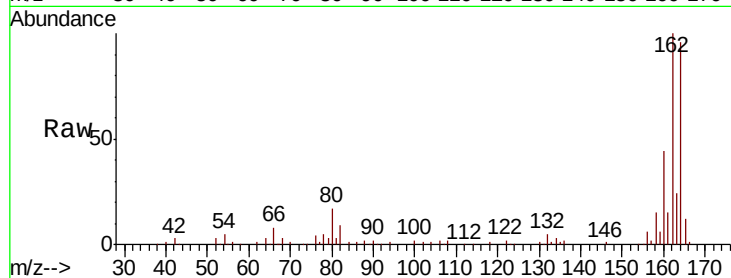
Tgt Ion:164 Resp: 146426

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

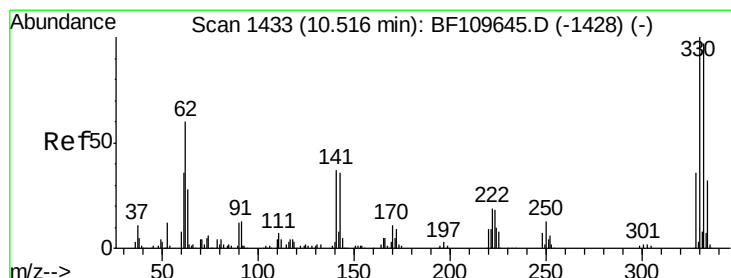
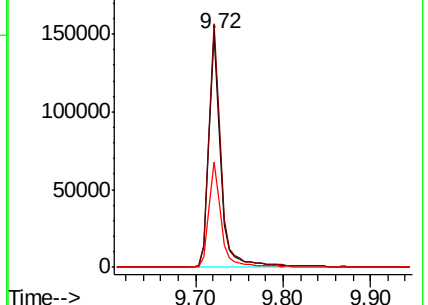
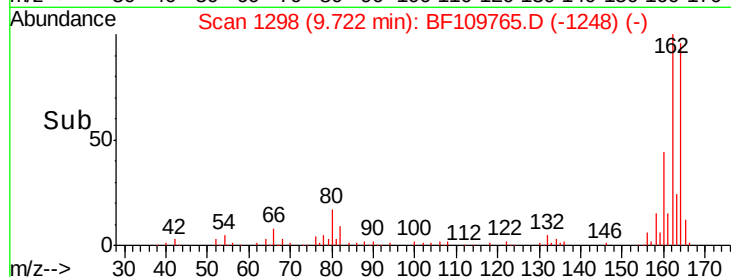
160 45.3 37.0 55.6



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: 101.972 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

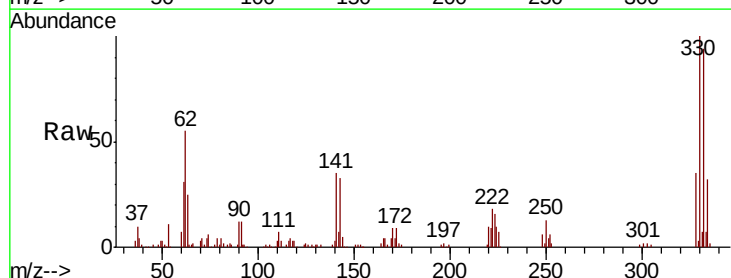
Tgt Ion:330 Resp: 162694

Ion Ratio Lower Upper

330 100

332 94.5 77.1 115.7

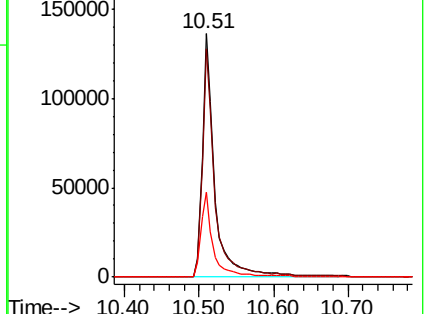
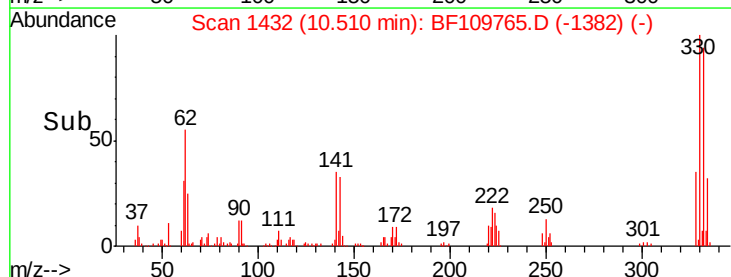
141 35.3 27.0 40.4

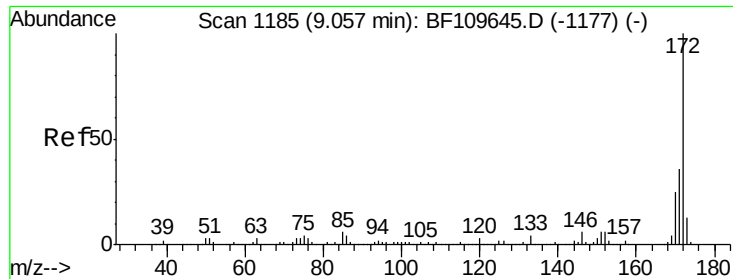


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

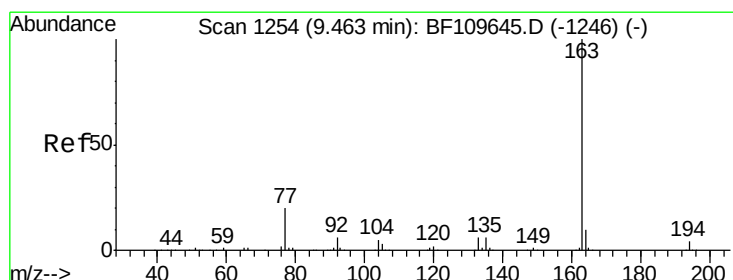
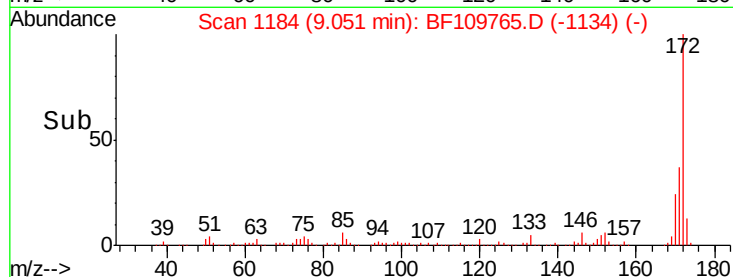
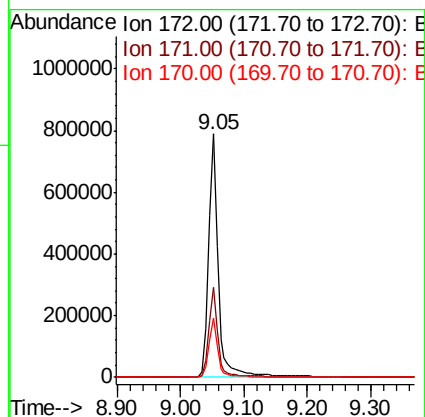
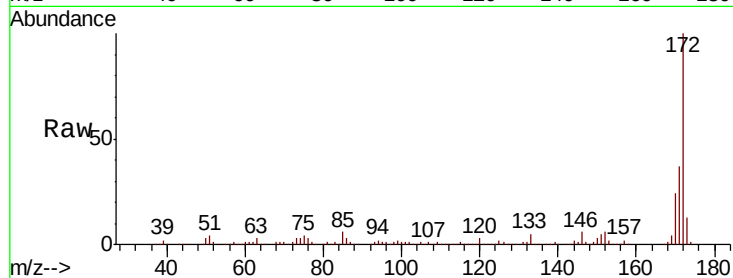




#44
2-Fluorobiphenyl
Concen: 79.089 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

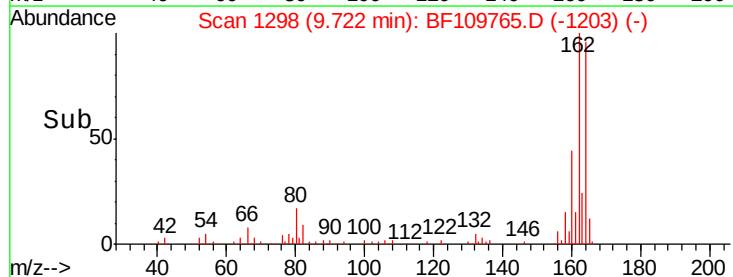
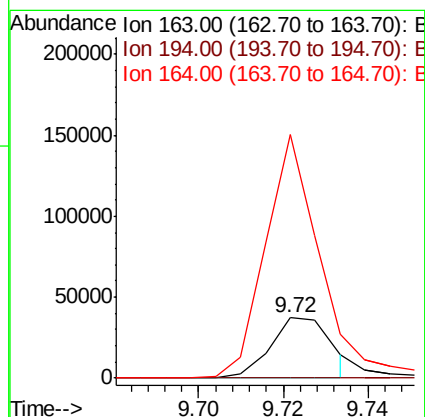
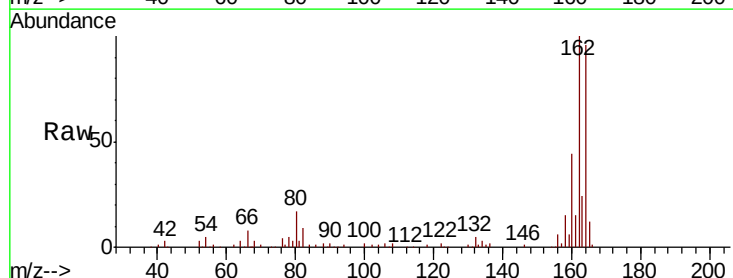
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

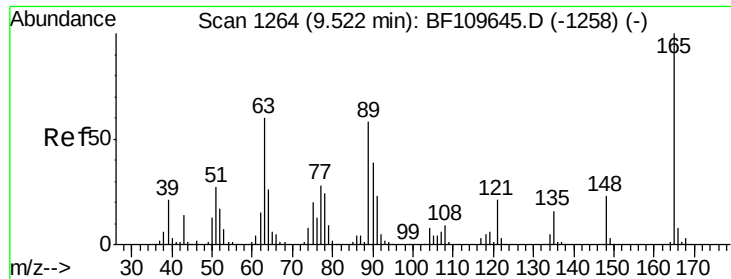
Tgt Ion:172 Resp: 840852
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.2 19.7 29.5



#49
Dimethylphthalate
Concen: 3.469 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Tgt Ion:163 Resp: 37250
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 405.4 8.1 12.1#

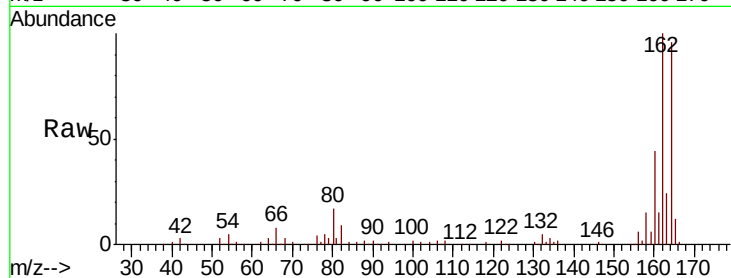




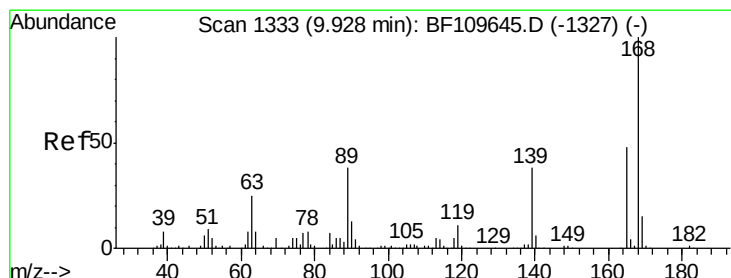
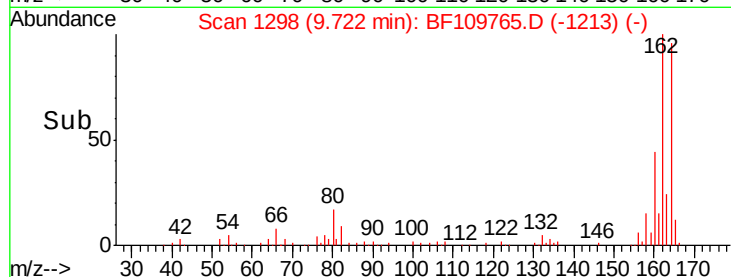
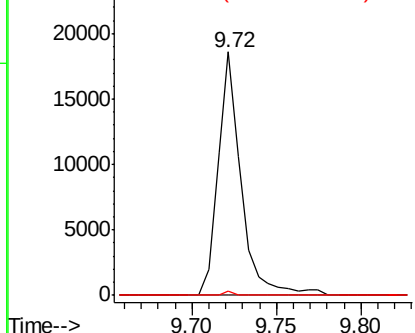
#50
 2,6-Dinitrotoluene
 Concen: 7.607 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109765.D
 Acq: 11 Oct 2018 2:29

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.6	46.6	69.8#

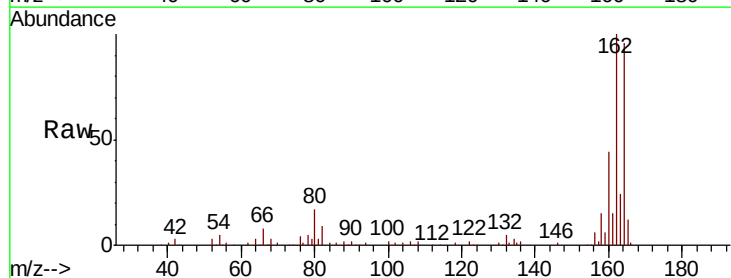


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

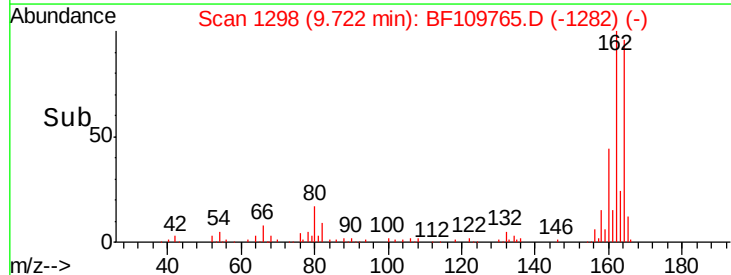
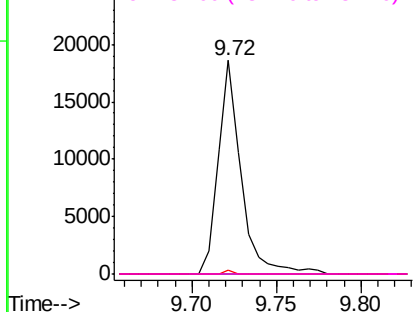


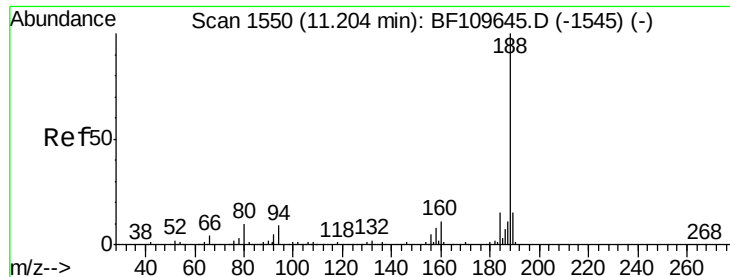
#56
 2,4-Dinitrotoluene
 Concen: 6.096 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109765.D
 Acq: 11 Oct 2018 2:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	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

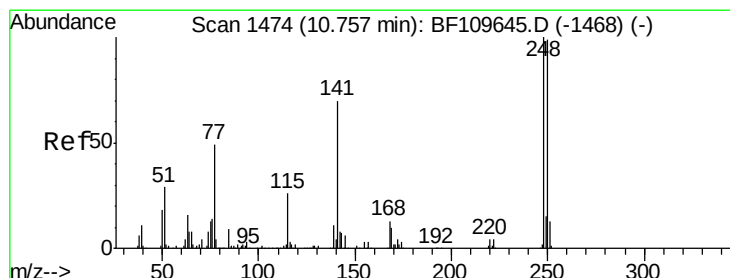
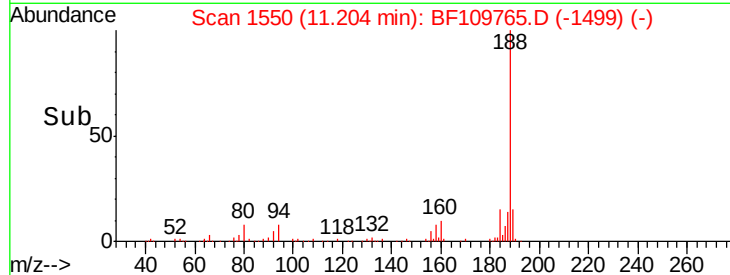
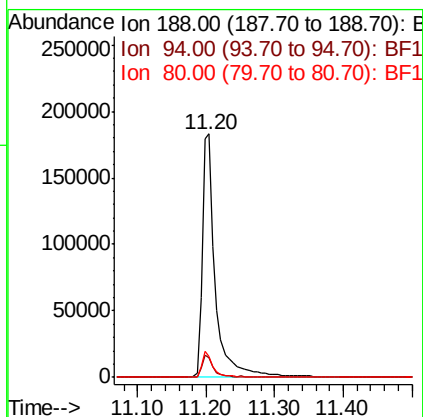
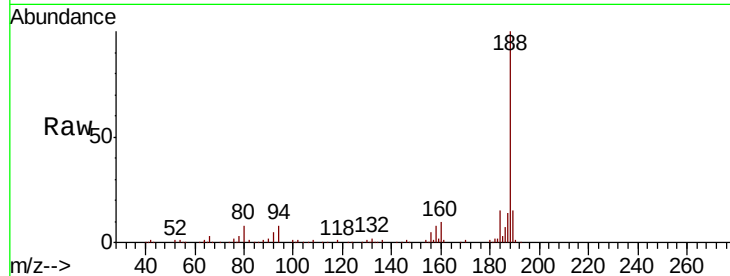




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

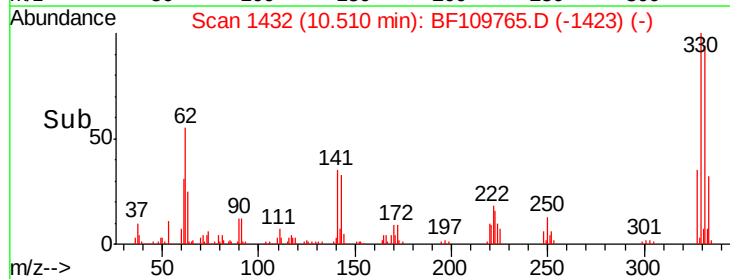
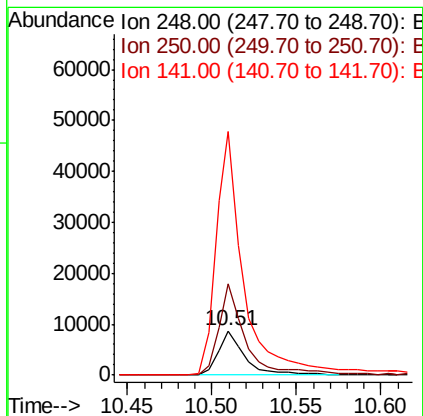
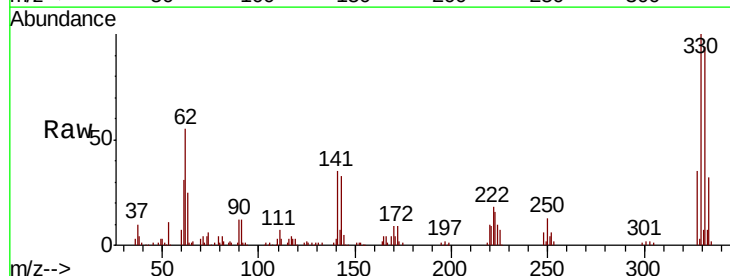
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

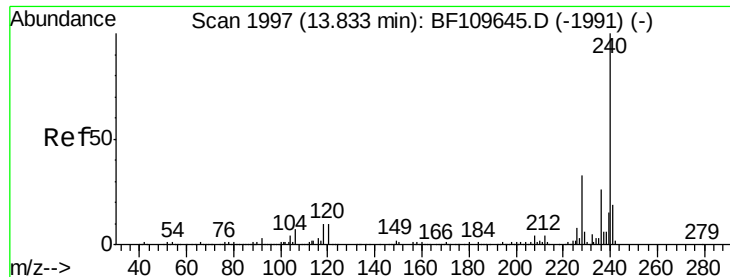
Tgt Ion:188 Resp: 249190
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.4 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 3.322 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Tgt Ion:248 Resp: 9512
Ion Ratio Lower Upper
248 100
250 204.8 79.4 119.2#
141 548.5 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

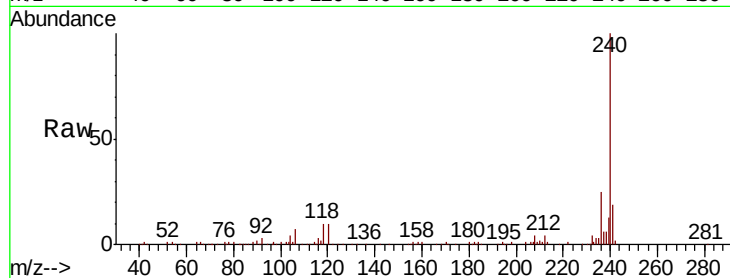
Tgt Ion:240 Resp: 204559

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

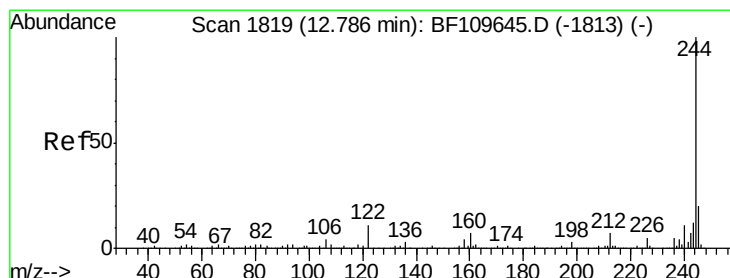
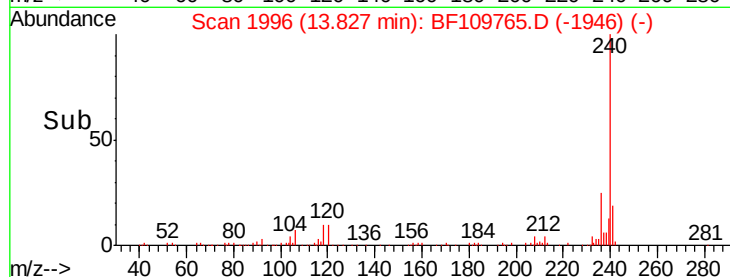
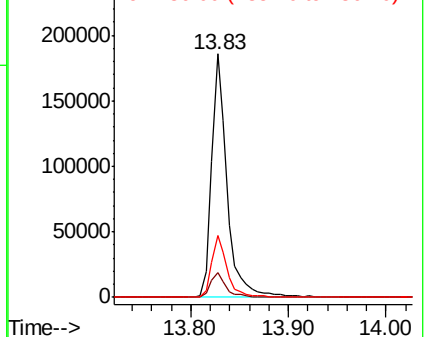
236 25.4 21.2 31.8



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: 65.560 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

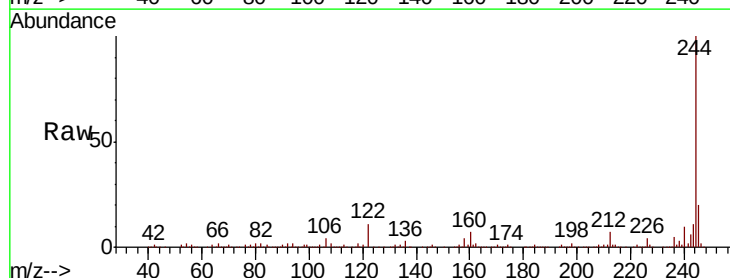
Tgt Ion:244 Resp: 692766

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

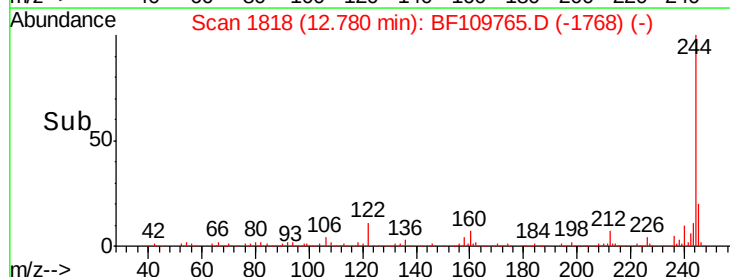
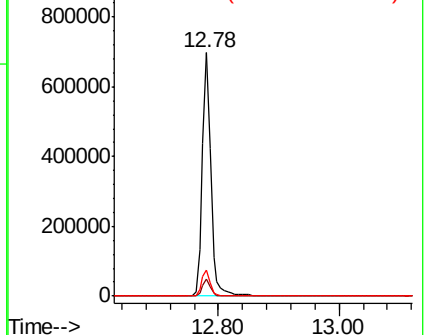
122 10.7 8.7 13.1

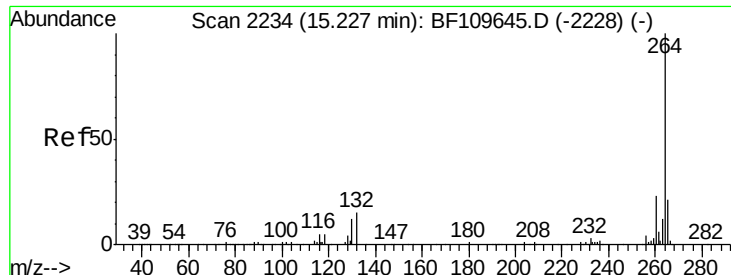


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

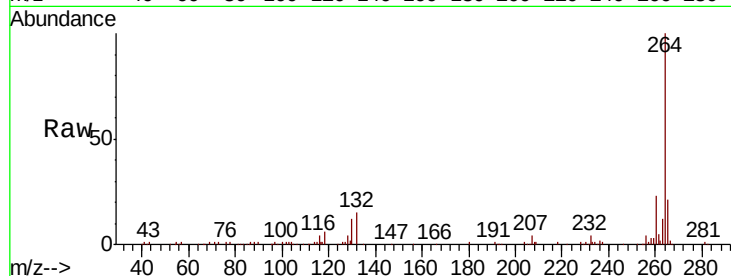




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.1	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

