

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109770.D
 Acq On : 11 Oct 2018 4:50
 Operator : JU/SJ
 Sample : J5326-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

Quant Time: Oct 11 05:51:54 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

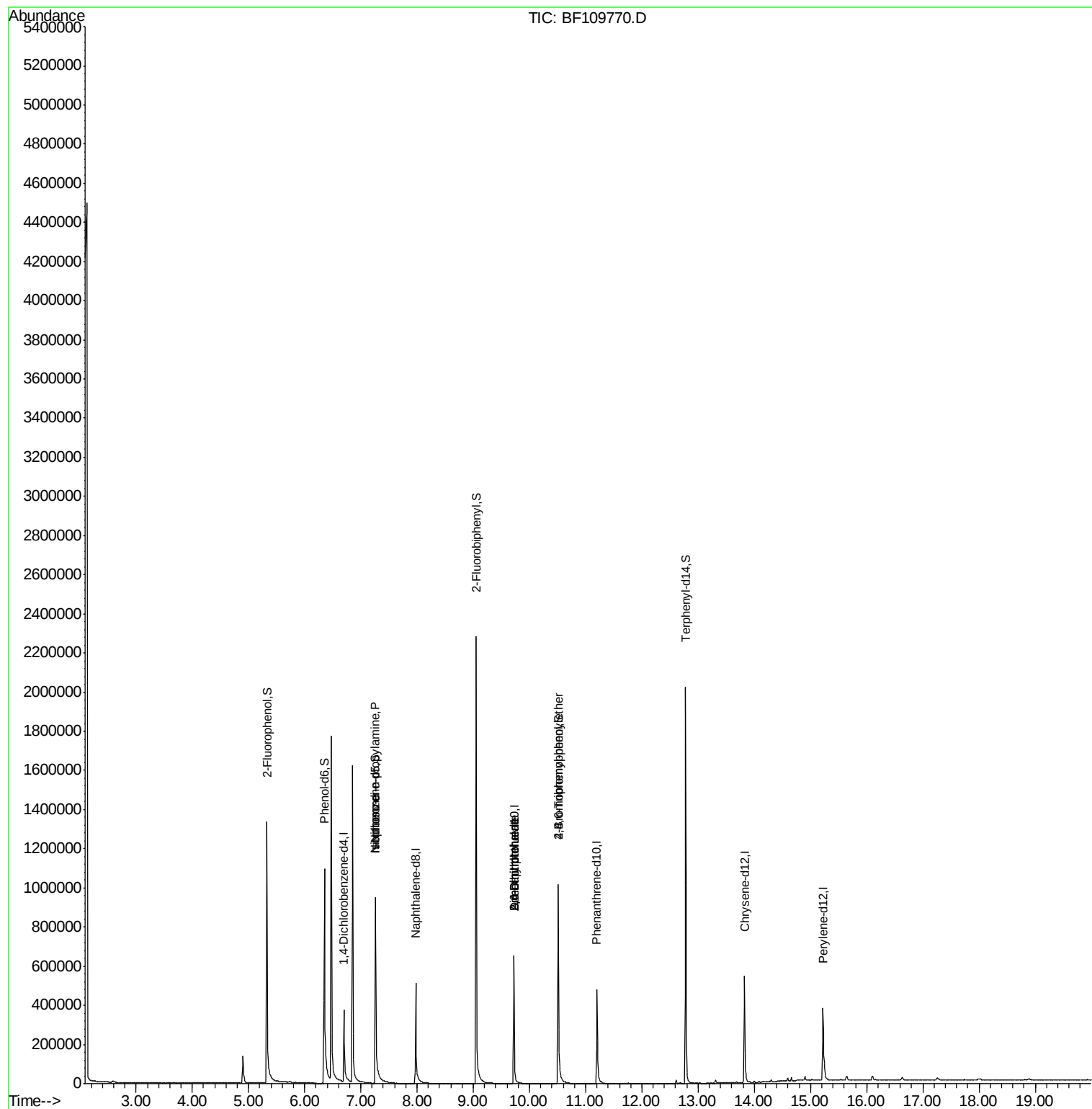
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84927	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	339195	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	157757	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	263986	20.00	ng	0.00
75) Chrysene-d12	13.83	240	235611	20.00	ng	0.00
86) Perylene-d12	15.22	264	219580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	469874	98.21	ng	0.00
7) Phenol-d6	6.35	99	584445	91.44	ng	0.00
23) Nitrobenzene-d5	7.26	82	483740	78.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	165696	96.39	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	869731	75.93	ng	0.00
78) Terphenyl-d14	12.78	244	729717	59.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	63071	14.071	ng	# 82
25) Isophorone	7.26	82	487126	47.673	ng	# 67
49) Dimethylphthalate	9.72	163	37925	3.278	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	19258	7.679	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	19258	6.153	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	9675	3.190	ng	# 1

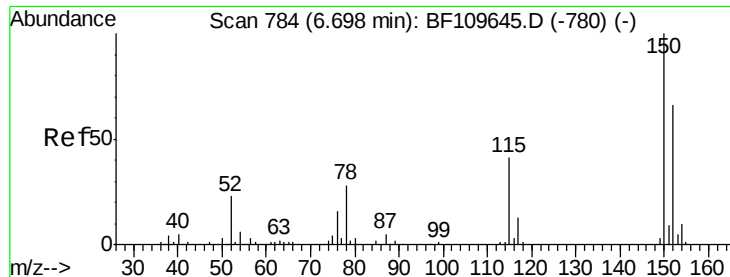
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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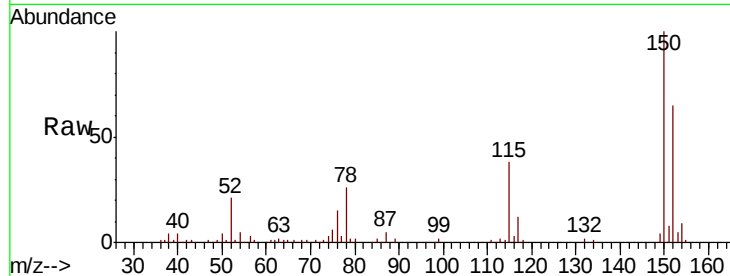


#1

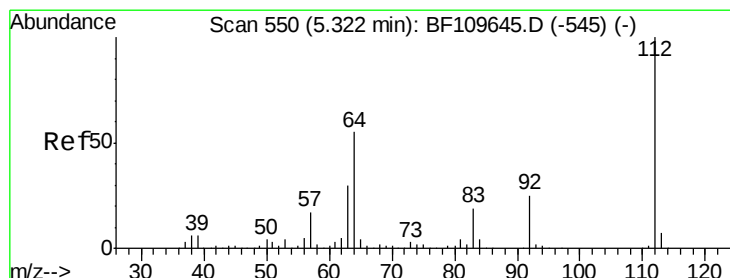
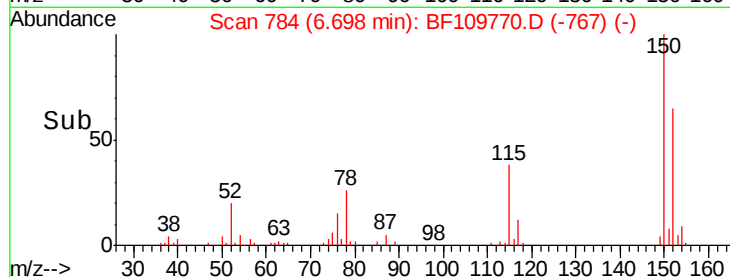
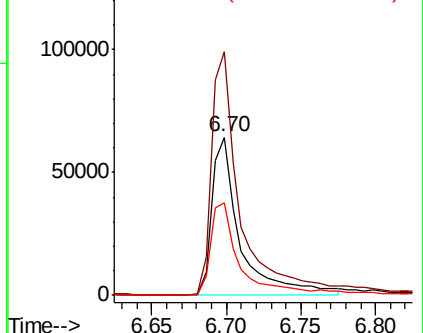
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109770.D
Acq: 11 Oct 2018 4:50

Instrument :
BNA_F
ClientSampled :
FL-PIT-4

Tgt Ion:152 Resp: 84927
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 58.5 49.1 73.7



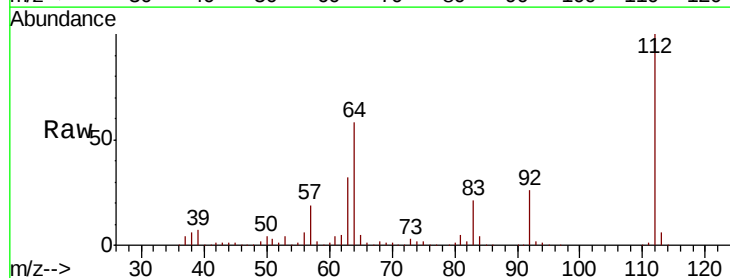
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



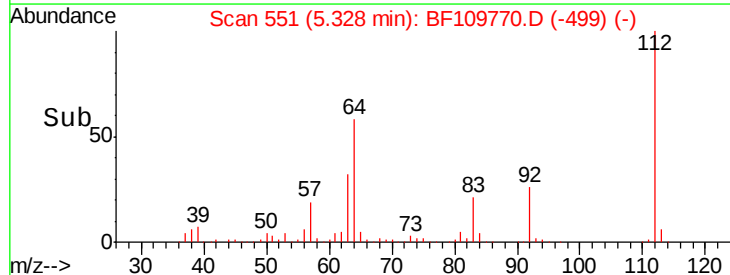
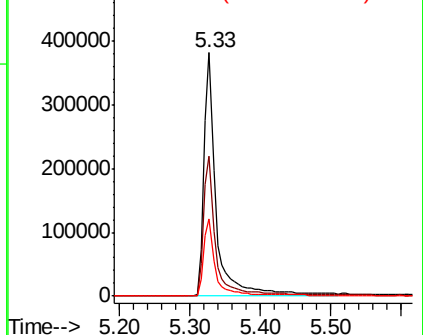
#5

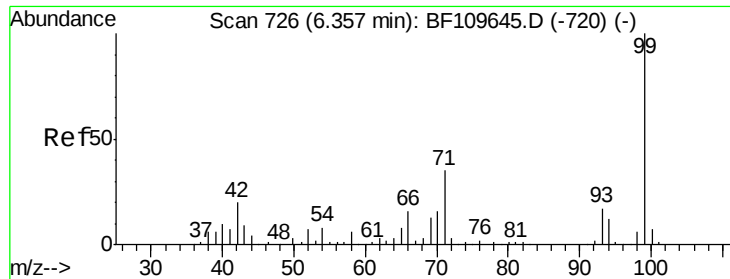
2-Fluorophenol
Concen: 98.207 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109770.D
Acq: 11 Oct 2018 4:50

Tgt Ion:112 Resp: 469874
Ion Ratio Lower Upper
112 100
64 57.7 44.1 66.1
63 31.6 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: 91.440 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

Instrument :

BNA_F

ClientSampleId :

FL-PIT-4

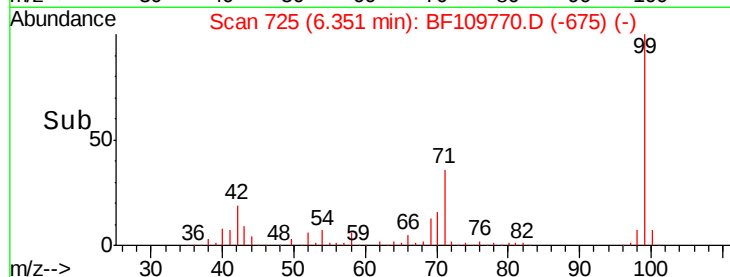
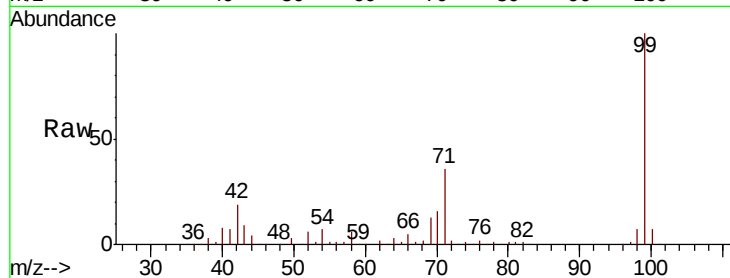
Tgt Ion: 99 Resp: 584445

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

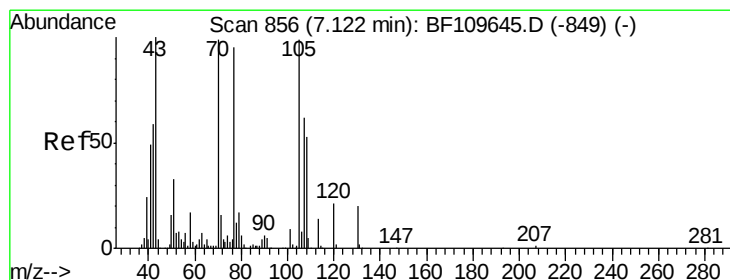
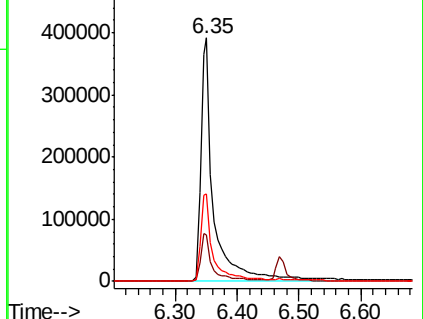
71 36.1 28.0 42.0



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: 14.071 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

Tgt Ion: 70 Resp: 63071

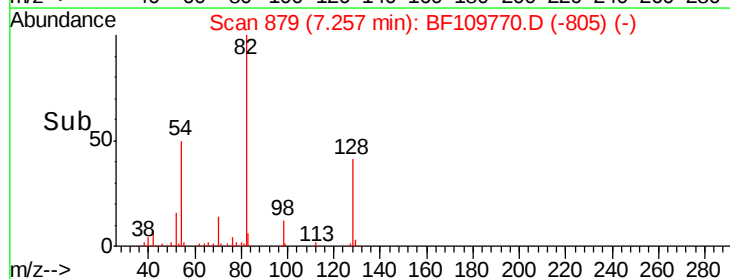
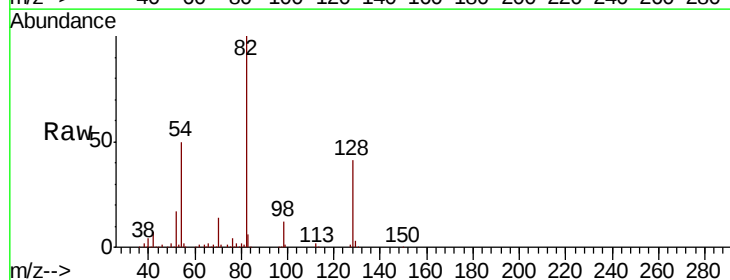
Ion Ratio Lower Upper

70 100

42 51.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

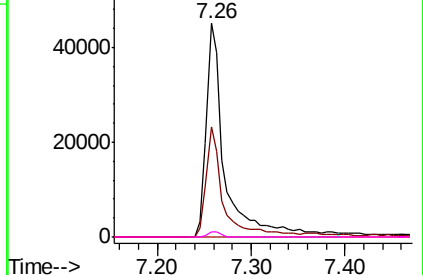


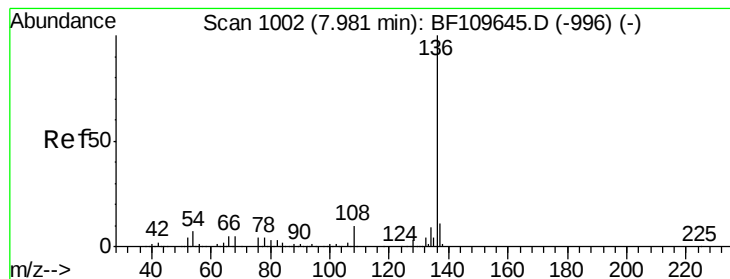
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109770.D

Acq: 11 Oct 2018 4:50

Instrument :

BNA_F

ClientSampleId :

FL-PIT-4

Tgt Ion: 136 Resp: 339195

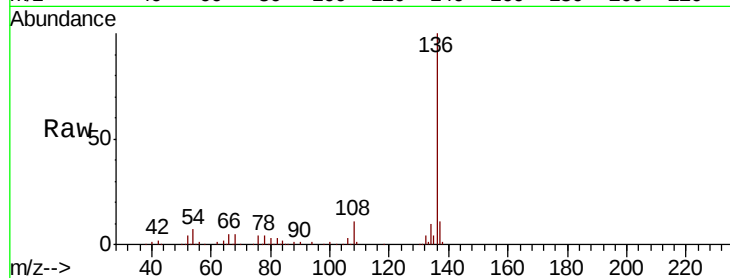
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.6 5.4 8.2

68 4.9 4.2 6.2

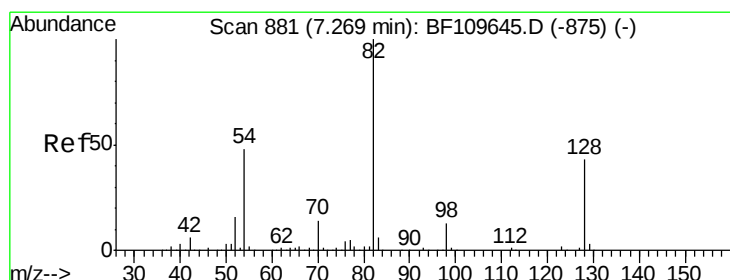
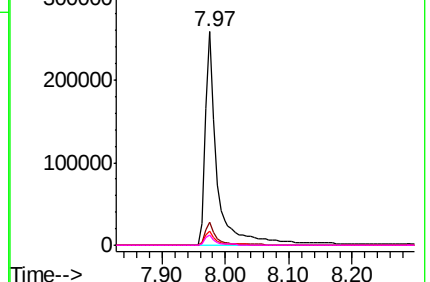
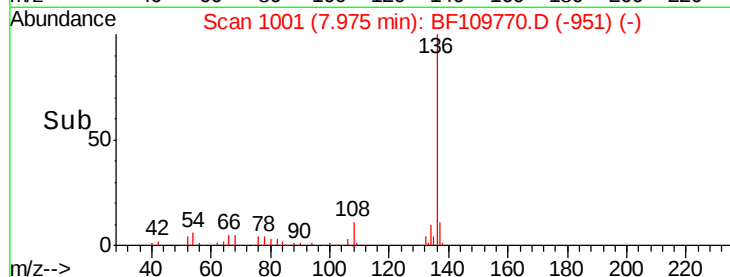


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.614 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

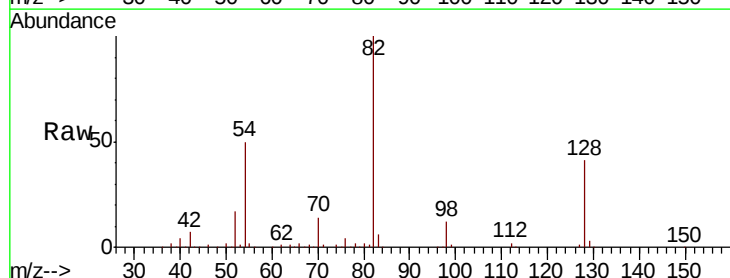
Tgt Ion: 82 Resp: 483740

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.2

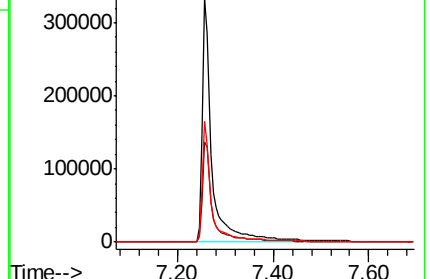
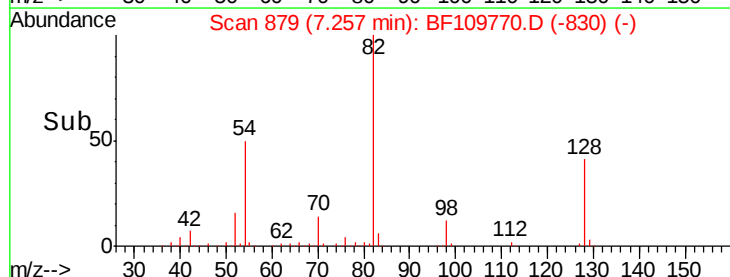
54 49.7 38.6 58.0

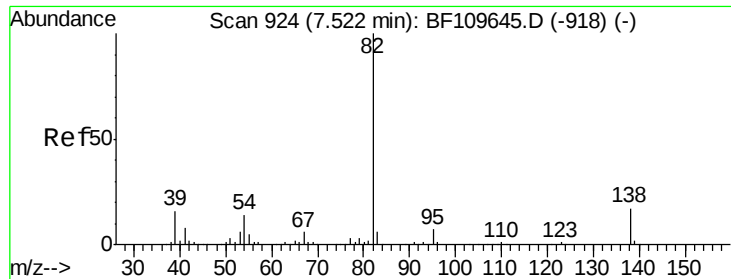


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

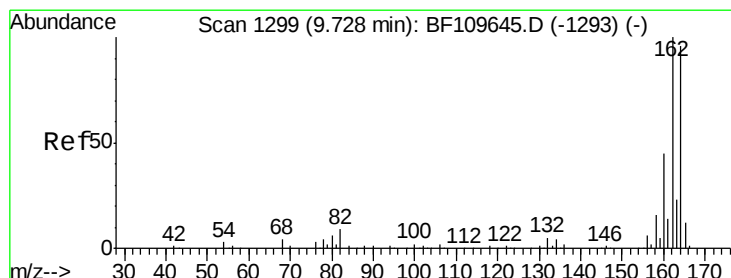
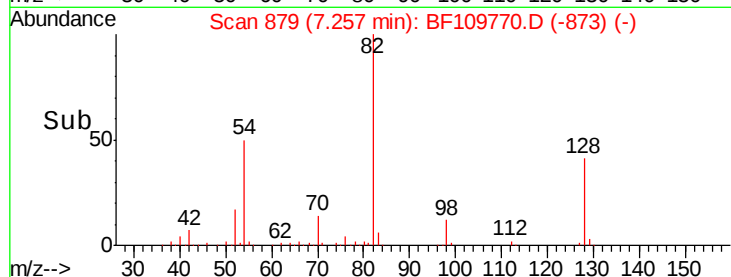
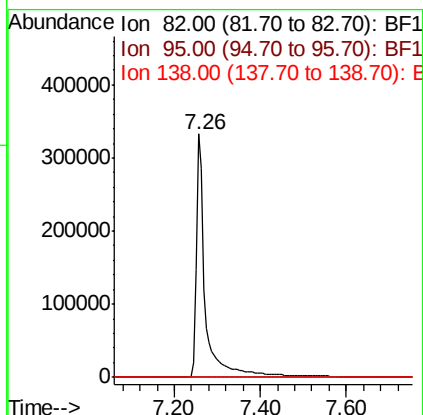
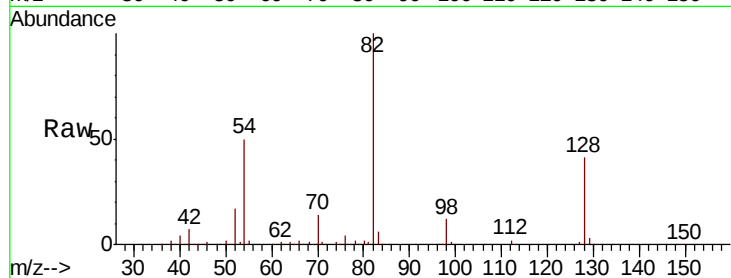




#25
Isophorone
Concen: 47.673 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109770.D
Acq: 11 Oct 2018 4:50

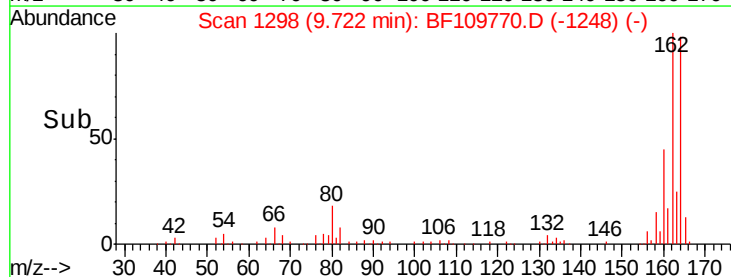
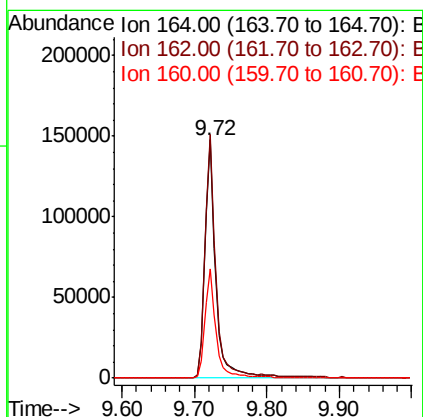
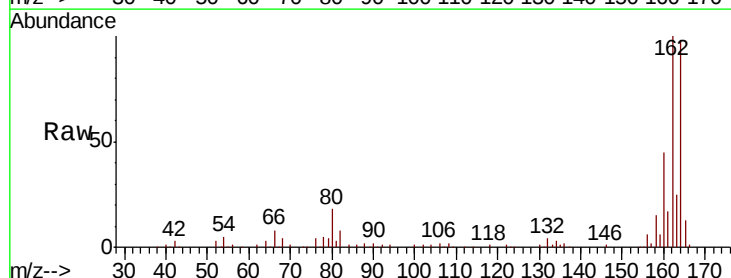
Instrument :
BNA_F
ClientSampleId :
FL-PIT-4

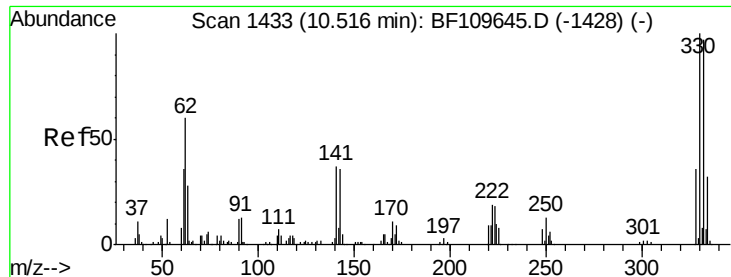
Tgt Ion: 82 Resp: 487126
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109770.D
Acq: 11 Oct 2018 4:50

Tgt Ion: 164 Resp: 157757
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 46.0 37.0 55.6

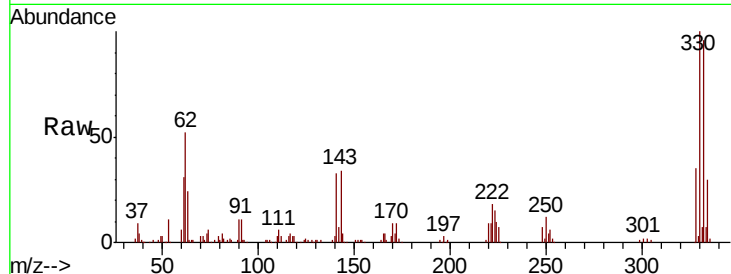




#41
 2,4,6-Tribromophenol
 Concen: 96.395 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109770.D
 Acq: 11 Oct 2018 4:50

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.1	115.7
141	33.4	27.0	40.4

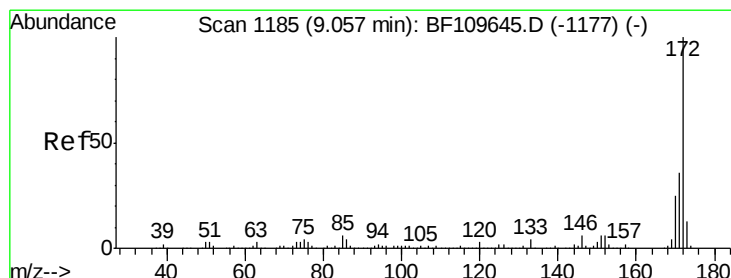
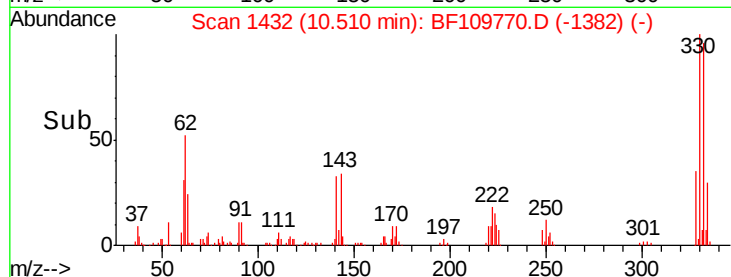
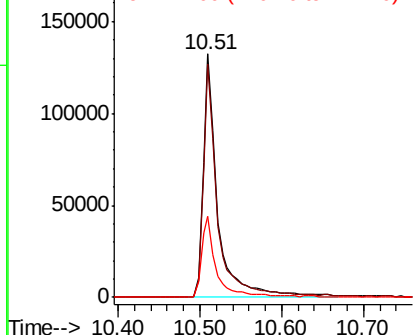


Abundance

Ion 329.80 (329.50 to 330.50): E

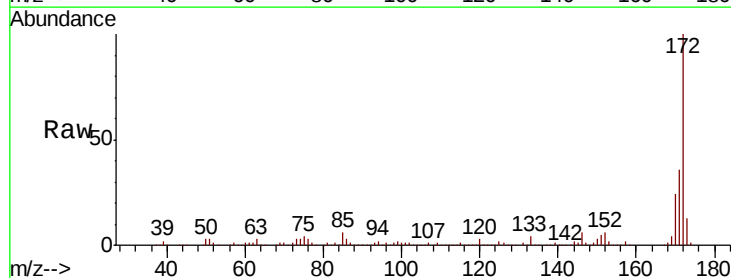
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.929 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109770.D
 Acq: 11 Oct 2018 4:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.7	29.5

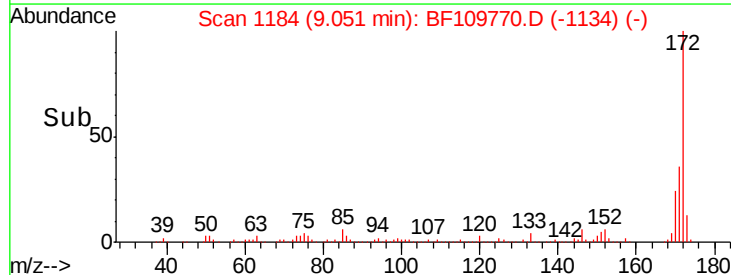
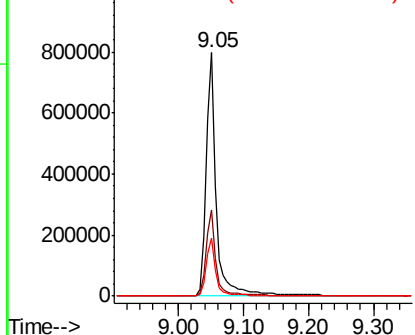


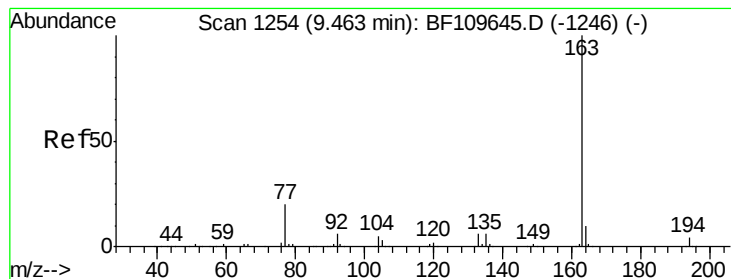
Abundance

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: 3.278 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

Instrument :

BNA_F

ClientSampleId :

FL-PIT-4

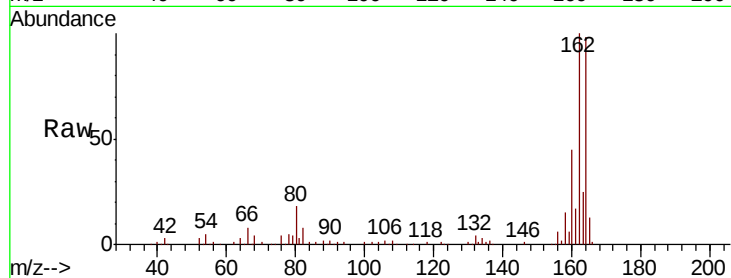
Tgt Ion:163 Resp: 37925

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

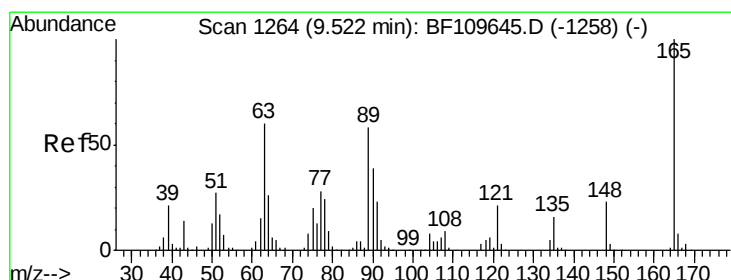
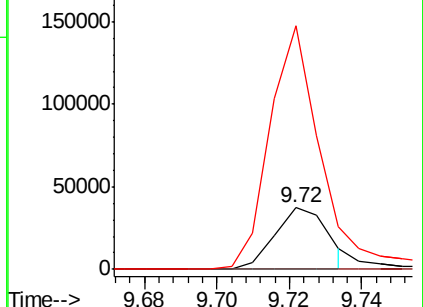
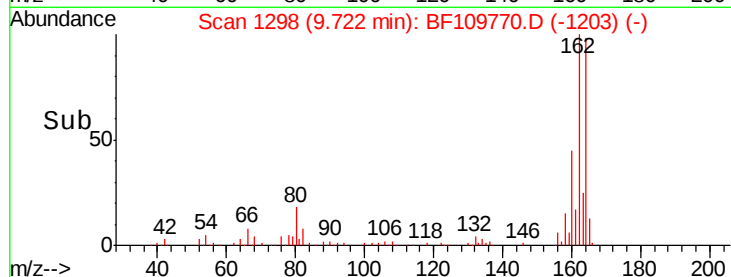
164 396.6 8.1 12.1#



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



#50

2,6-Dinitrotoluene

Concen: 7.679 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

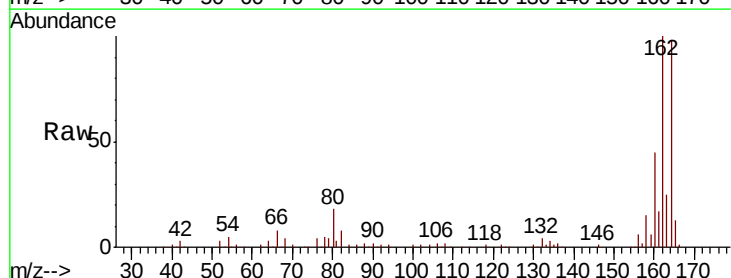
Tgt Ion:165 Resp: 19258

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

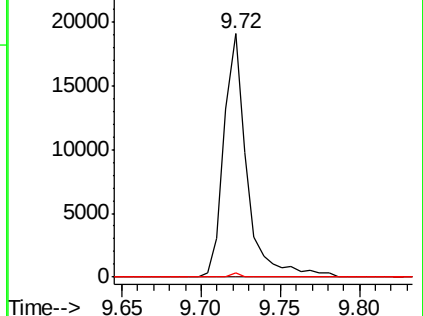
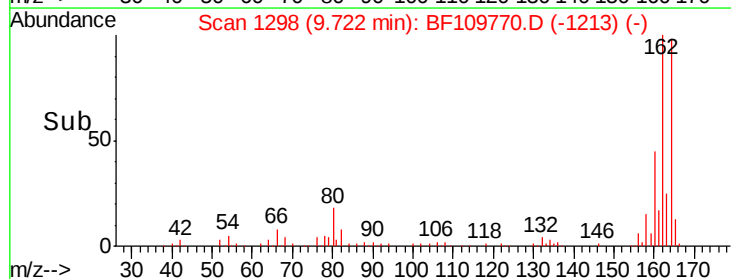
89 1.7 46.6 69.8#



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

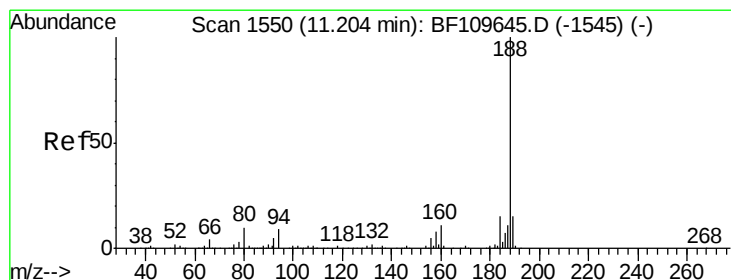
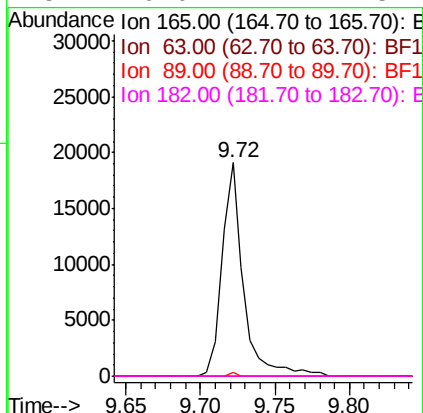
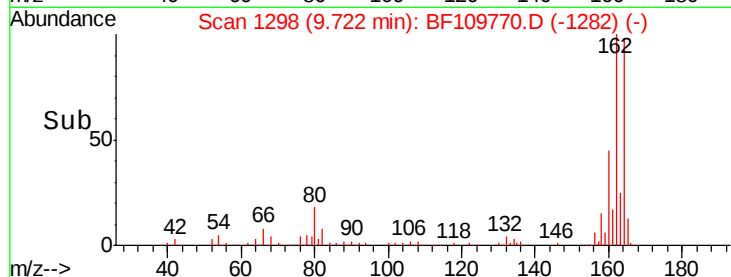
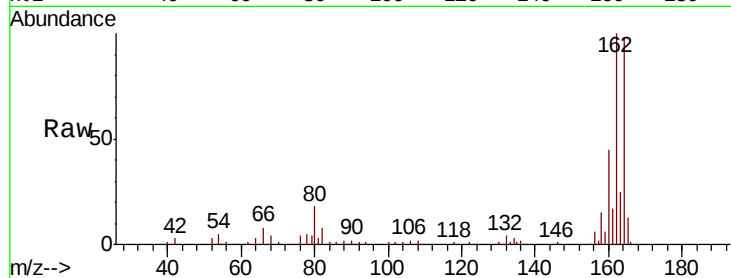




#56
 2,4-Dinitrotoluene
 Concen: 6.153 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109770.D
 Acq: 11 Oct 2018 4:50

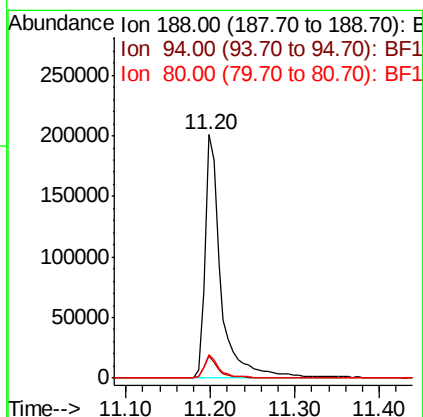
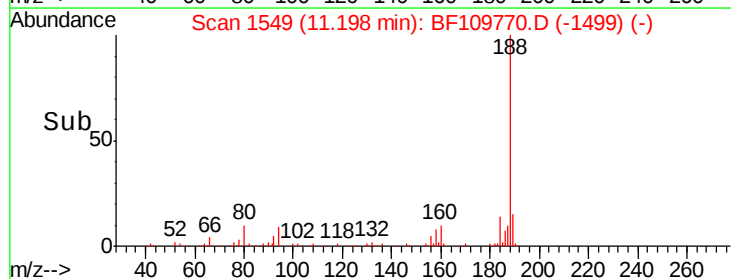
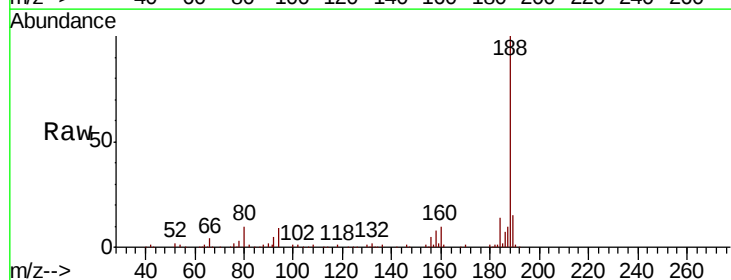
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-4

Tgt Ion:	165	Resp:	19258
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109770.D
 Acq: 11 Oct 2018 4:50

Tgt Ion:	188	Resp:	263986
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.2	10.8
80	9.6	7.9	11.9

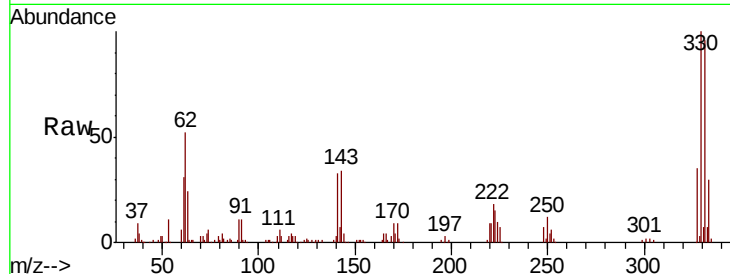




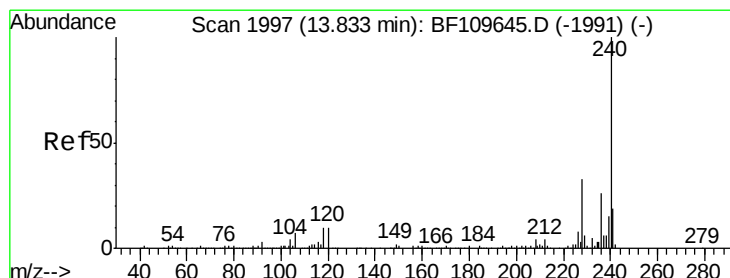
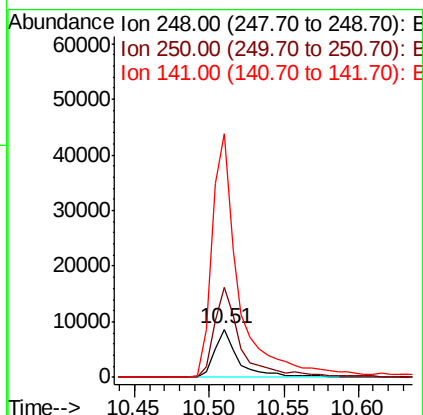
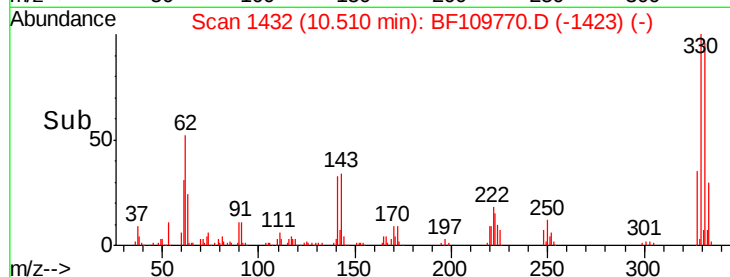
#66
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109770.D
Acq: 11 Oct 2018 4:50

Instrument :
BNA_F
ClientSampleId :
FL-PIT-4

Tgt Ion: 248 Resp: 9675
Ion Ratio Lower Upper
248 100
250 187.6 79.4 119.2#
141 506.6 55.9 83.9#

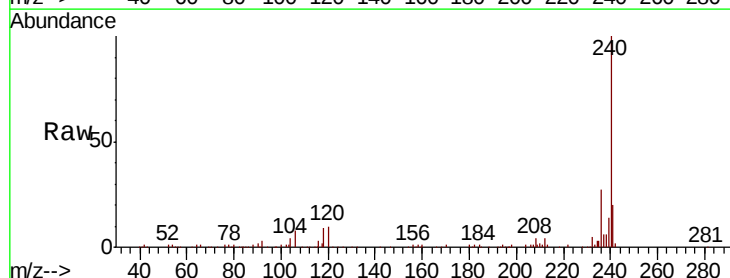


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

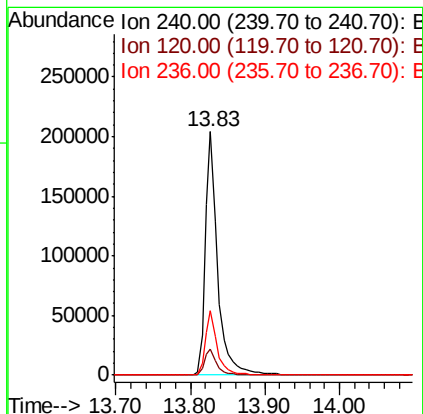
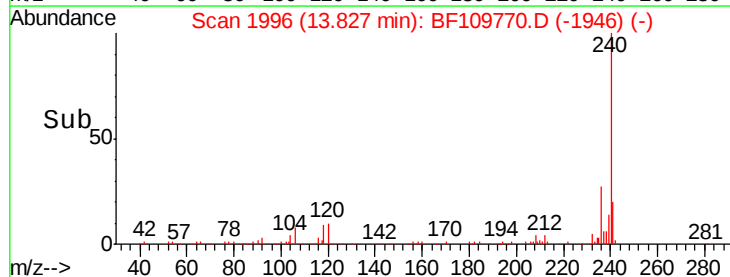


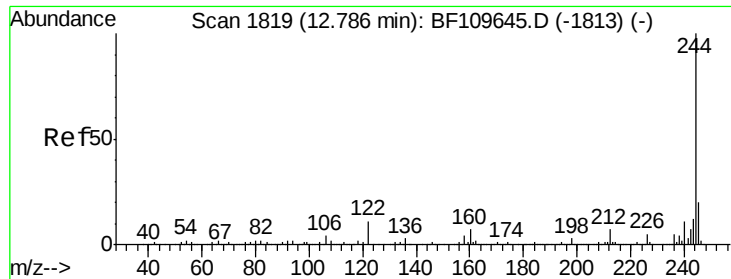
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109770.D
Acq: 11 Oct 2018 4:50

Tgt Ion: 240 Resp: 235611
Ion Ratio Lower Upper
240 100
120 10.5 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: 59.955 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

Instrument :

BNA_F

ClientSampleId :

FL-PIT-4

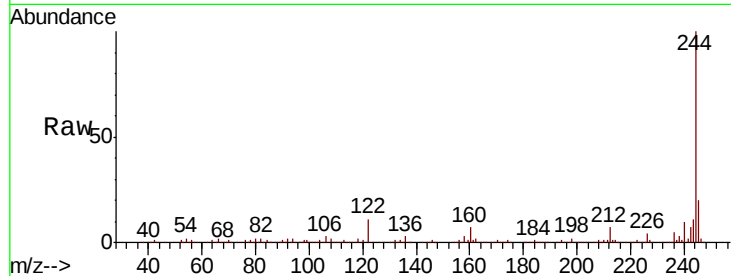
Tgt Ion:244 Resp: 729717

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

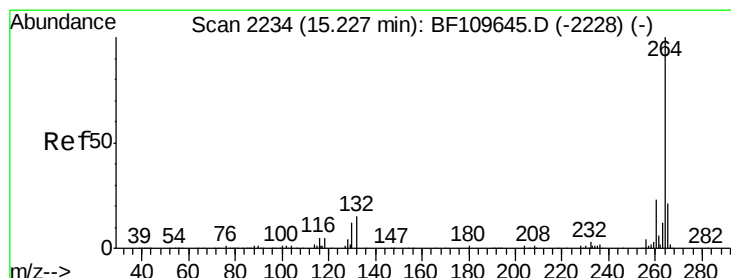
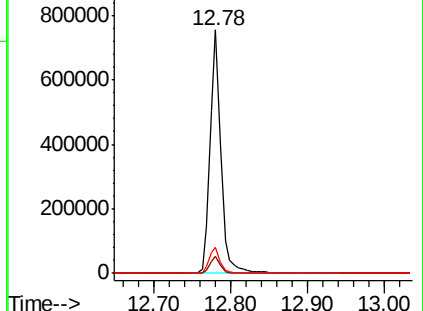
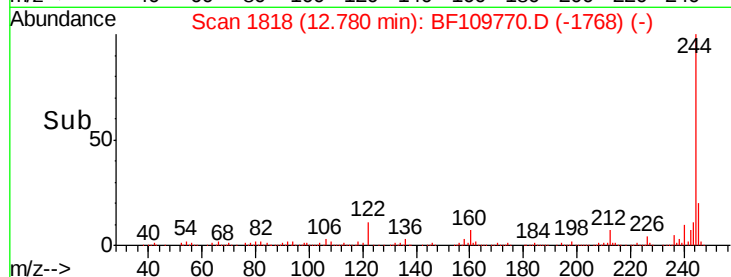
122 10.6 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109770.D

Acq: 11 Oct 2018 4:50

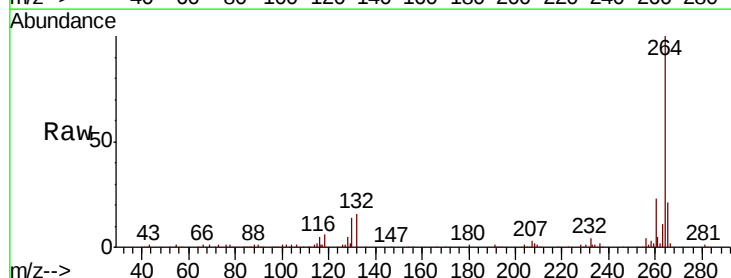
Tgt Ion:264 Resp: 219580

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 20.9 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

