

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109769.D
 Acq On : 11 Oct 2018 4:22
 Operator : JU/SJ
 Sample : J5326-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

Quant Time: Oct 11 05:51:45 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

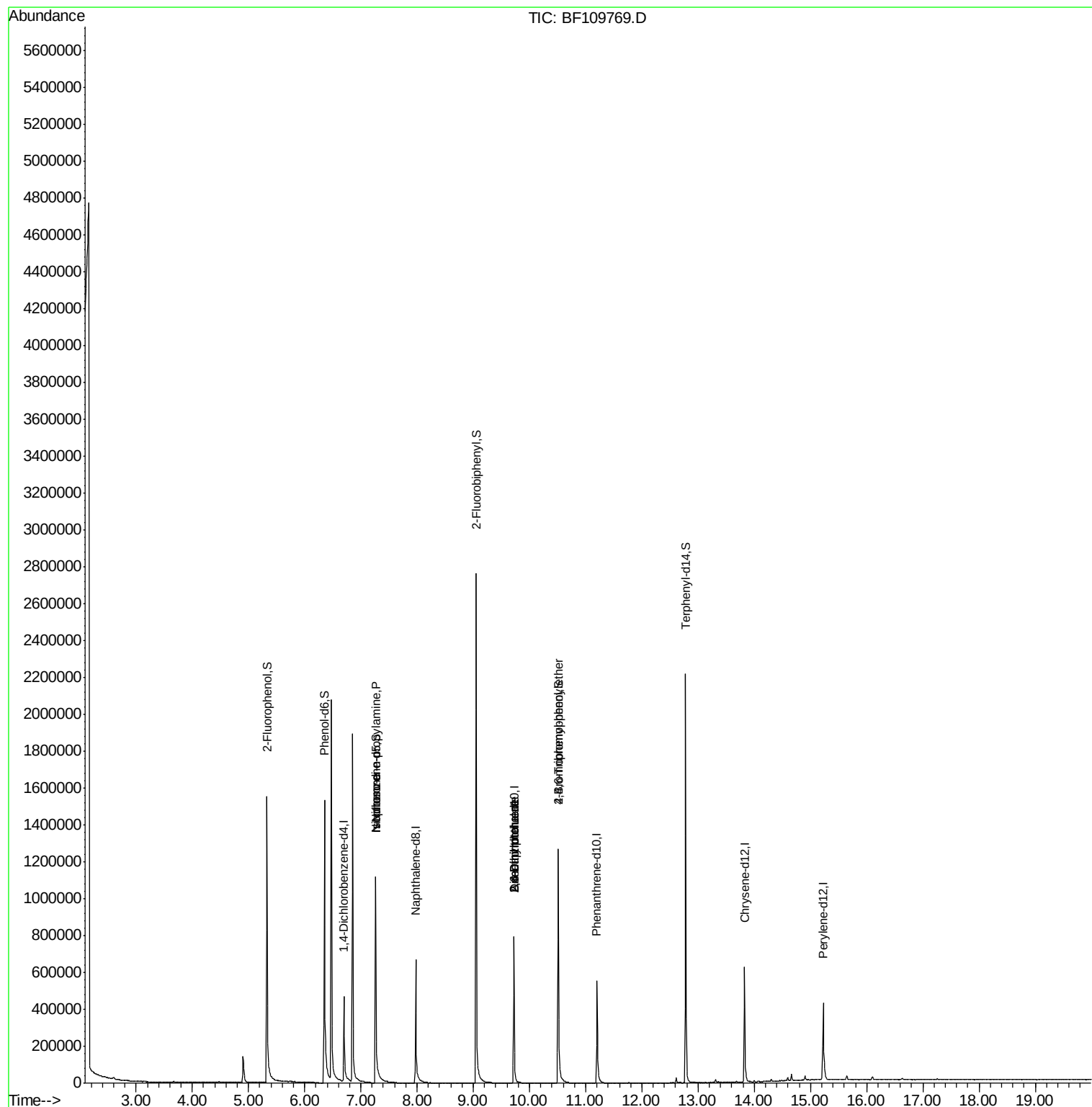
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99511	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	394781	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	177396	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	299363	20.00	ng	0.00
75) Chrysene-d12	13.83	240	259102	20.00	ng	0.00
86) Perylene-d12	15.23	264	238361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	550060	98.12	ng	0.00
7) Phenol-d6	6.35	99	680574	90.87	ng	0.00
23) Nitrobenzene-d5	7.26	82	564923	78.88	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	193940	100.34	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1012859	78.64	ng	0.00
78) Terphenyl-d14	12.78	244	803280	60.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	74565	14.198	ng	# 77
25) Isophorone	7.26	82	568361	47.791	ng	# 67
49) Dimethylphthalate	9.72	163	44967	3.456	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	22040	7.815	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	22040	6.262	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	11868	3.450	ng	# 1

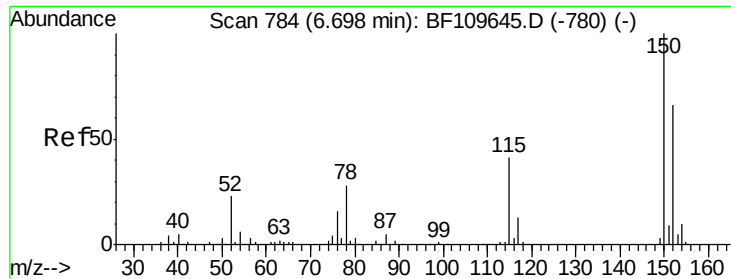
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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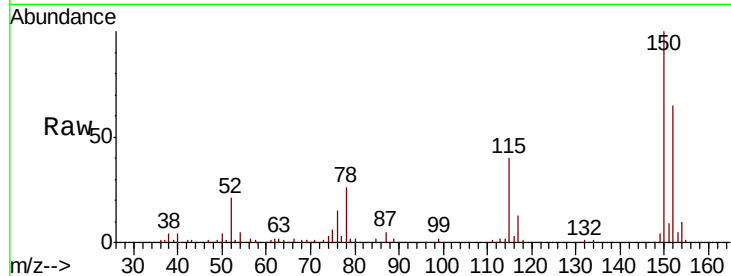


#1

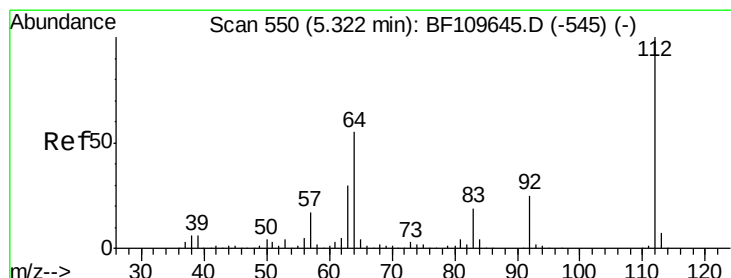
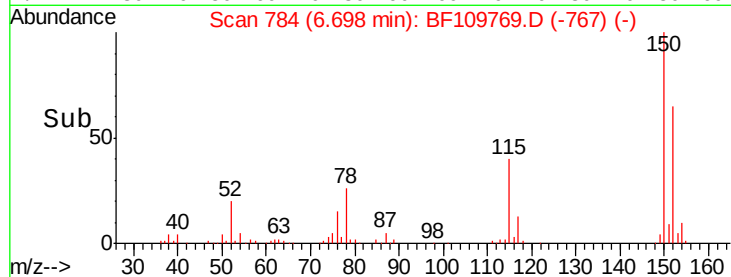
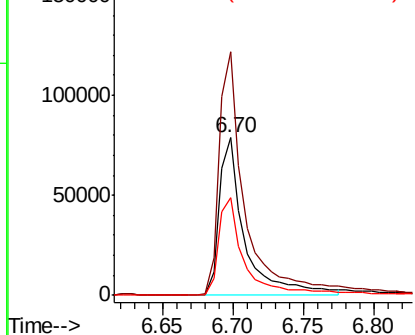
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

Tgt Ion:152 Resp: 99511
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 61.8 49.1 73.7



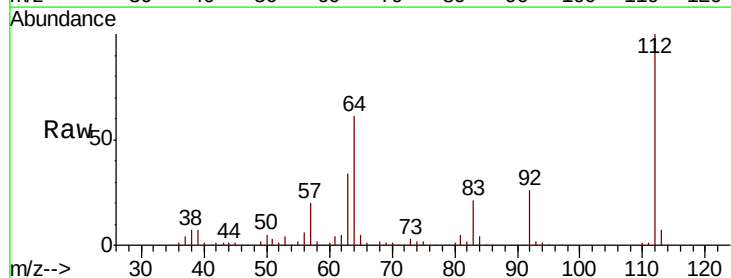
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



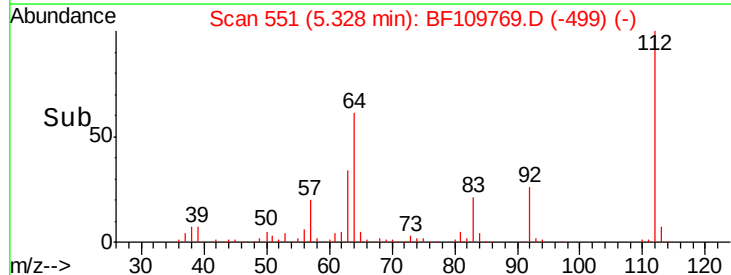
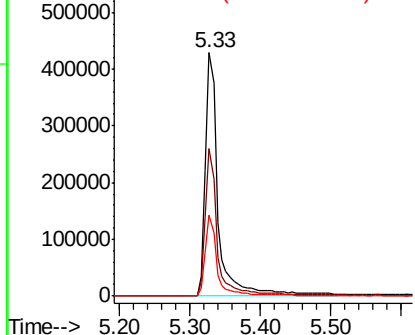
#5

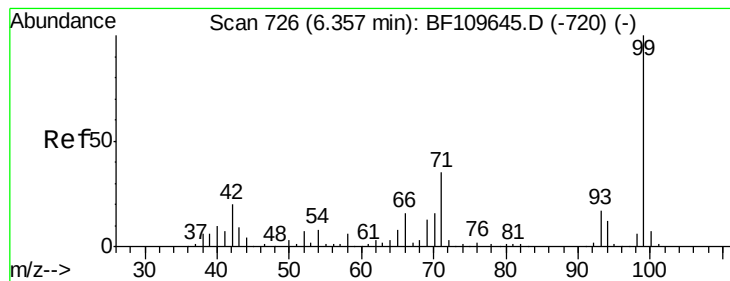
2-Fluorophenol
Concen: 98.117 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Tgt Ion:112 Resp: 550060
Ion Ratio Lower Upper
112 100
64 60.7 44.1 66.1
63 33.5 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: 90.874 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Instrument :

BNA_F

ClientSampleId :

FL-PIT-3

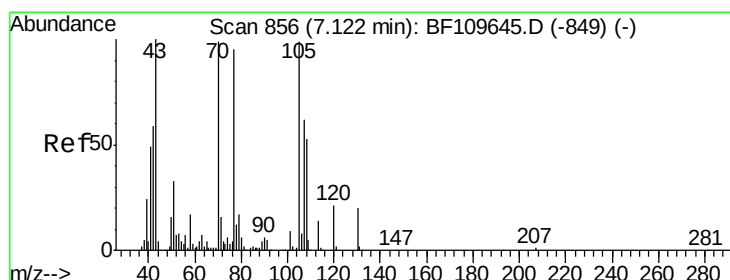
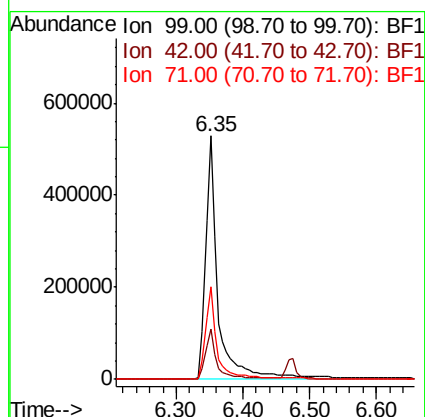
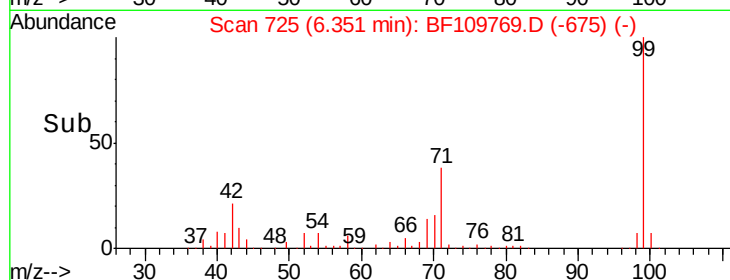
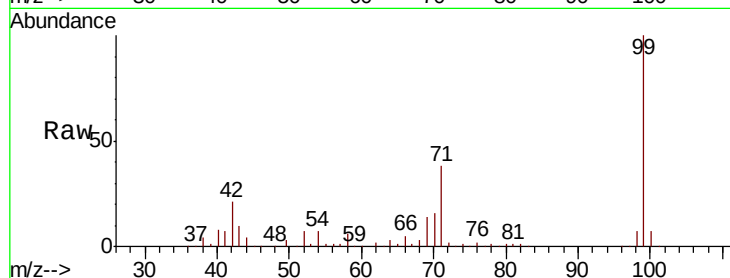
Tgt Ion: 99 Resp: 680574

Ion Ratio Lower Upper

99 100

42 20.9 15.8 23.6

71 38.1 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.198 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Tgt Ion: 70 Resp: 74565

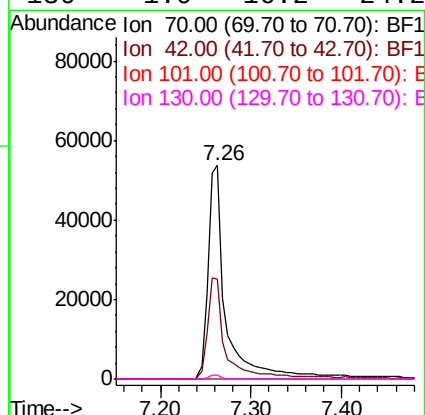
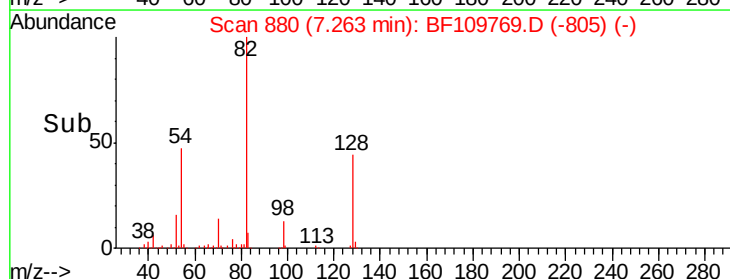
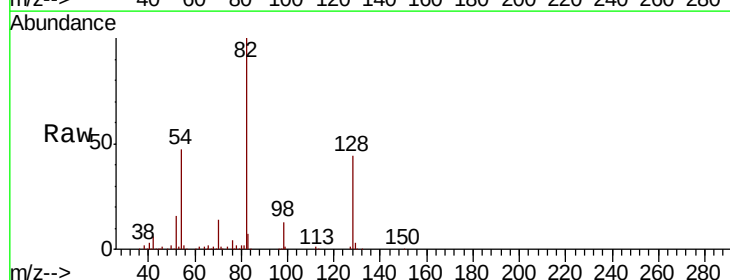
Ion Ratio Lower Upper

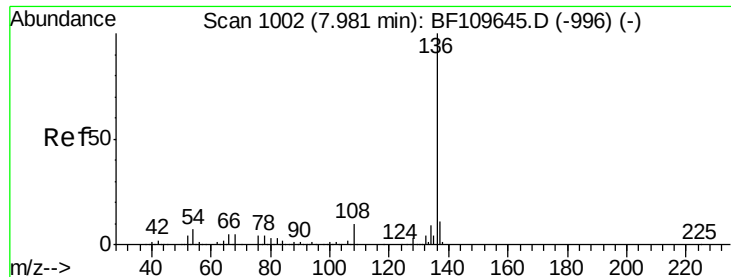
70 100

42 46.9 47.4 71.2#

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

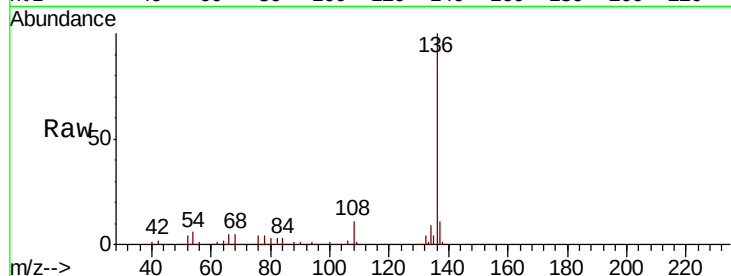




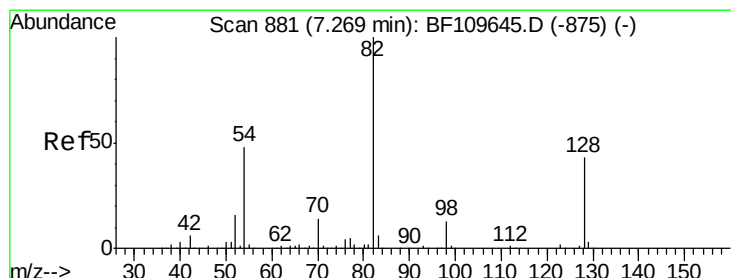
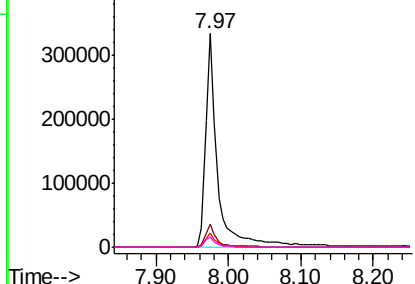
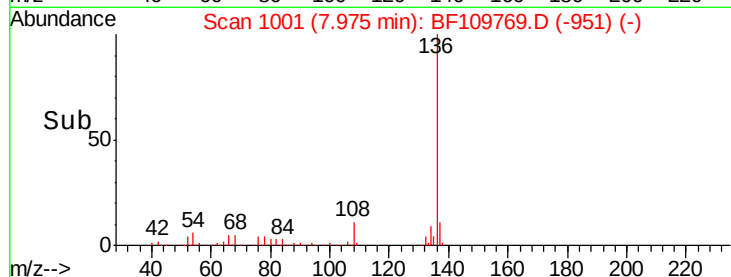
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

Tgt Ion:	136	Resp:	394781
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.4	5.4	8.2
68	5.0	4.2	6.2

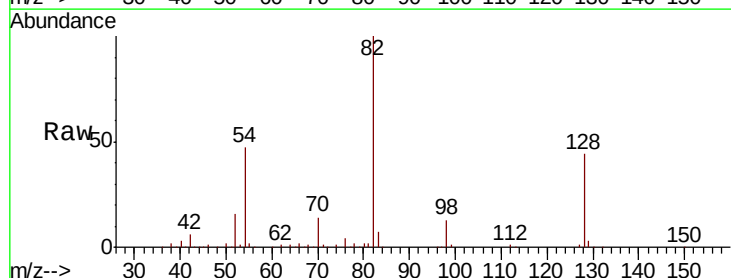


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

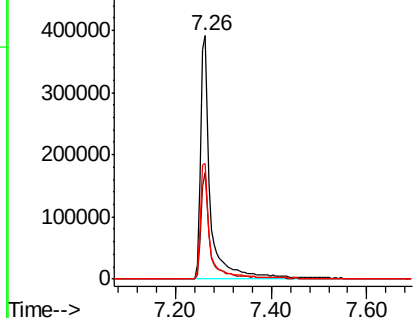
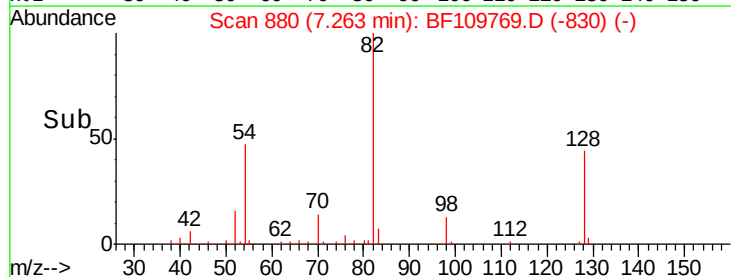


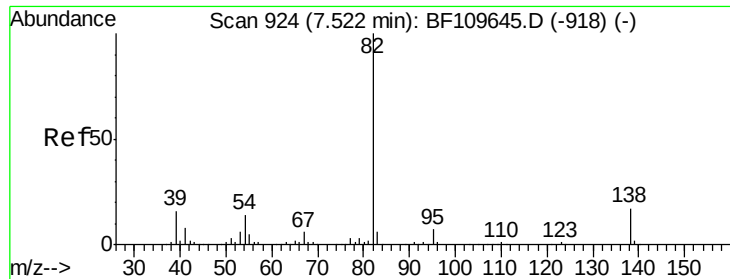
#23
Nitrobenzene-d5
Concen: 78.880 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Tgt Ion:	82	Resp:	564923
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	47.4	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

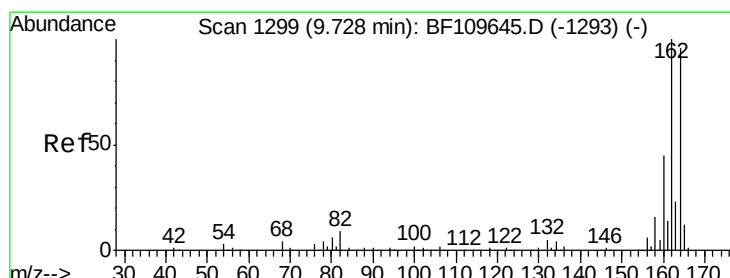
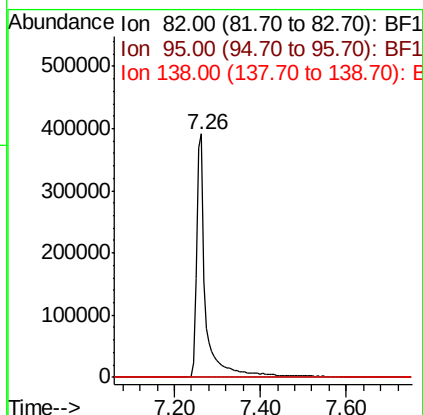
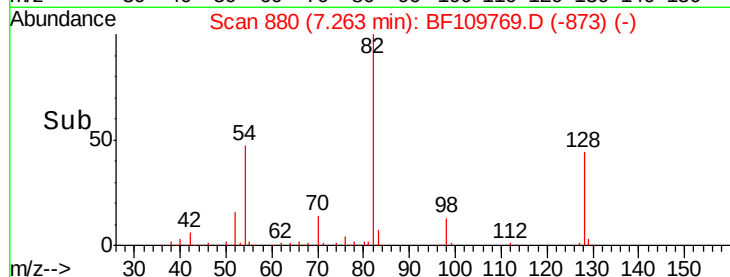
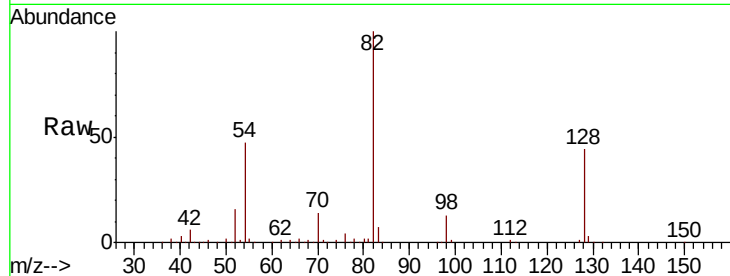




#25
Isophorone
Concen: 47.791 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

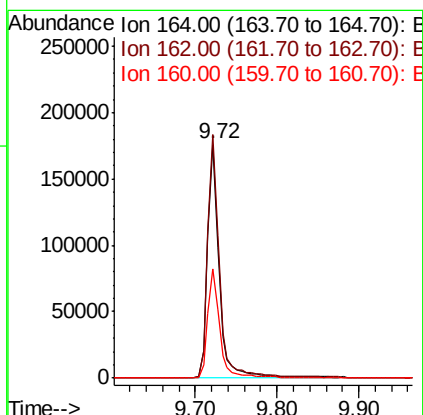
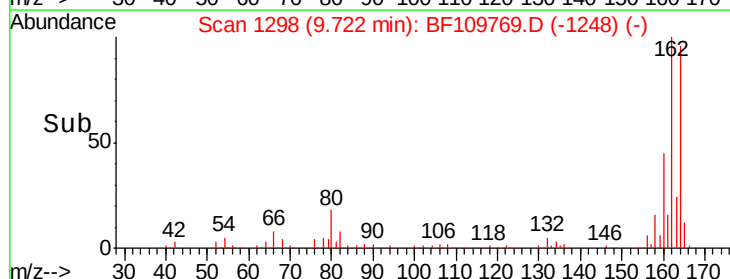
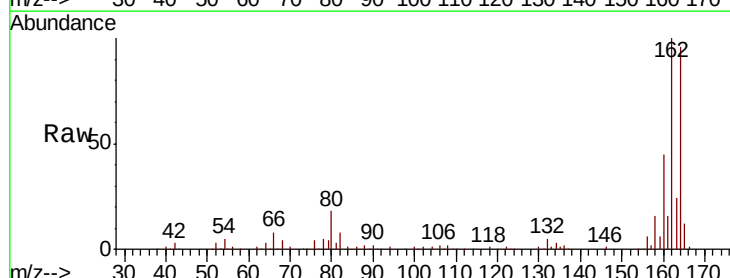
Instrument :
BNA_F
ClientSampled :
FL-PIT-3

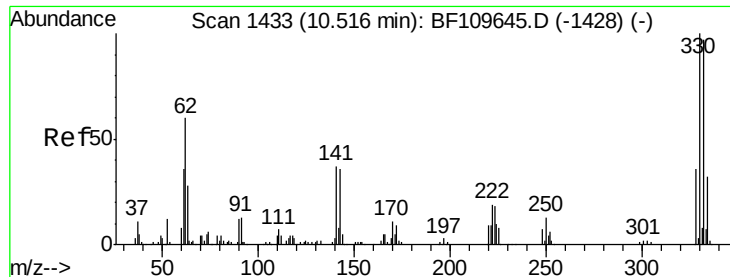
Tgt Ion: 82 Resp: 568361
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Tgt Ion: 164 Resp: 177396
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 46.7 37.0 55.6

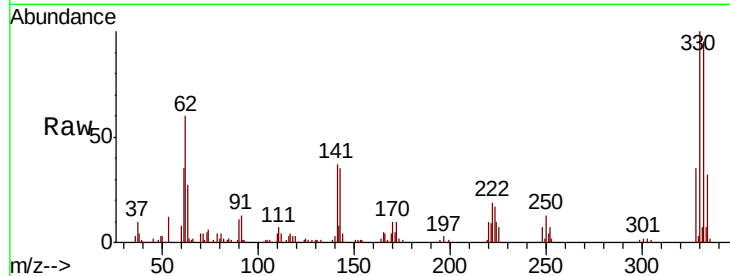




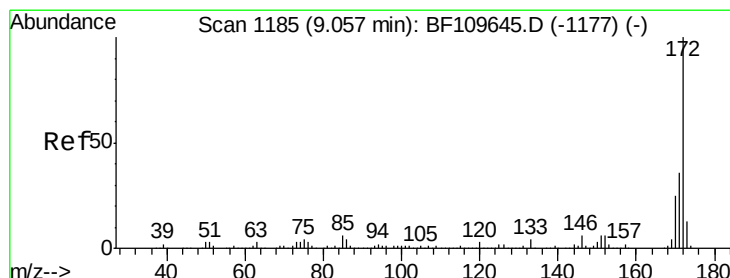
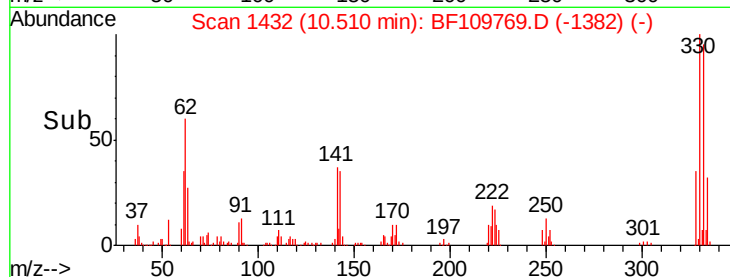
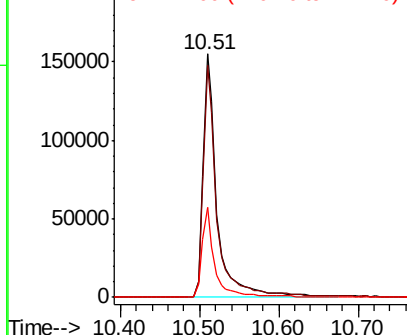
#41
 2,4,6-Tribromophenol
 Concen: 100.335 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-3

Tgt Ion:330 Resp: 193940
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 34.6 27.0 40.4

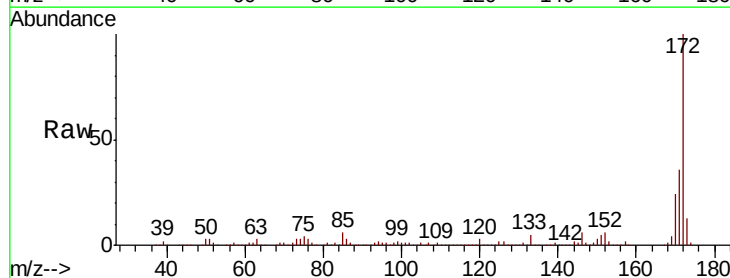


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

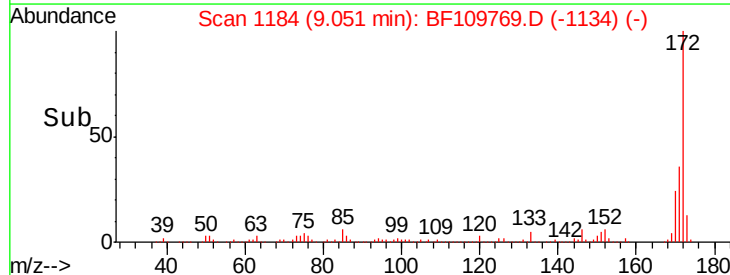
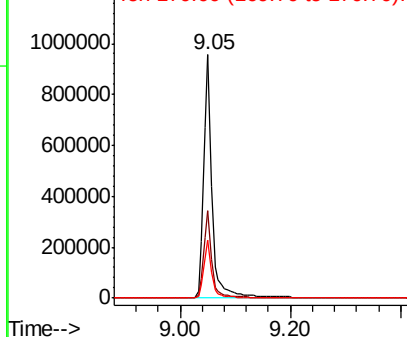


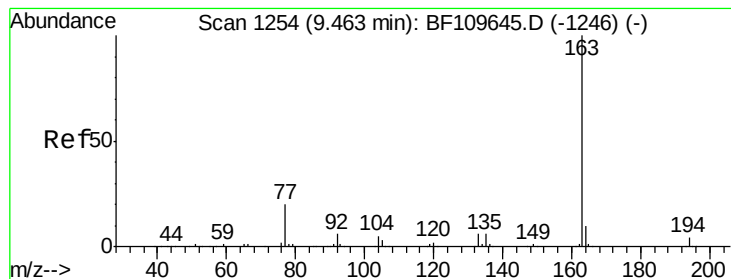
#44
 2-Fluorobiphenyl
 Concen: 78.636 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Tgt Ion:172 Resp: 1012859
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 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: 3.456 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Instrument :

BNA_F

ClientSampleId :

FL-PIT-3

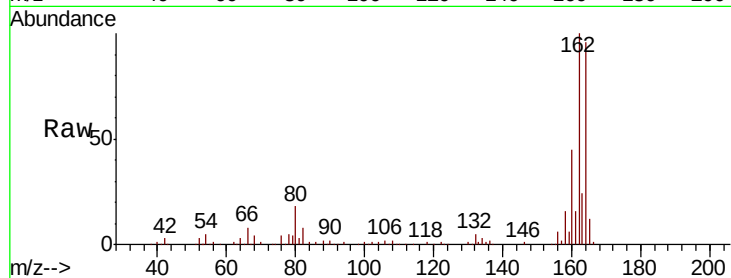
Tgt Ion:163 Resp: 44967

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

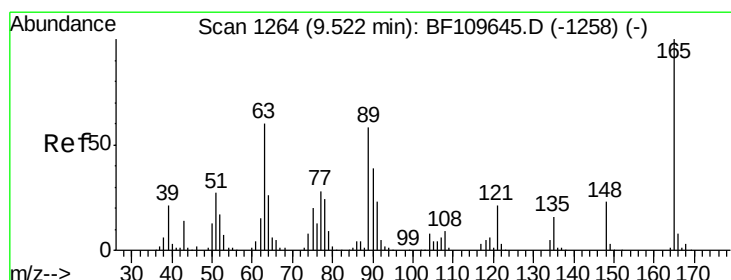
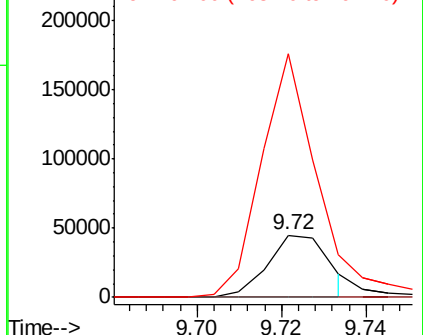
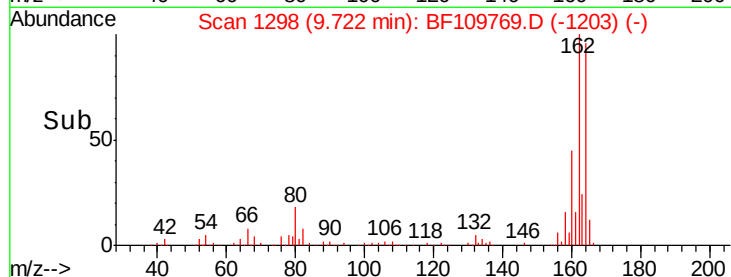
164 392.9 8.1 12.1#



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: 7.815 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

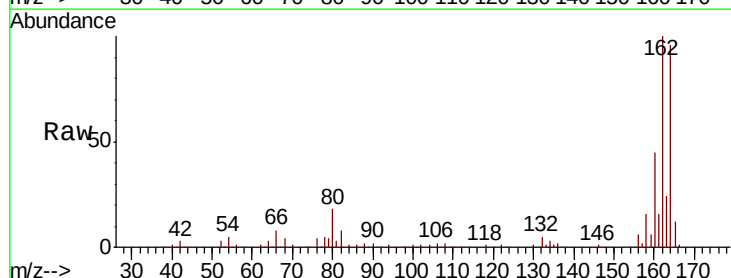
Tgt Ion:165 Resp: 22040

Ion Ratio Lower Upper

165 100

63 1.5 48.9 73.3#

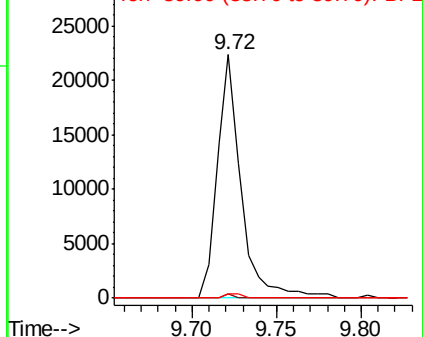
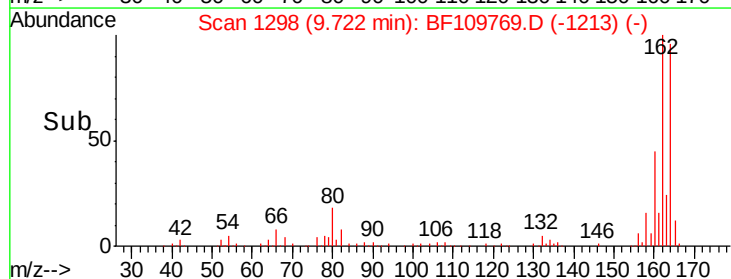
89 1.6 46.6 69.8#

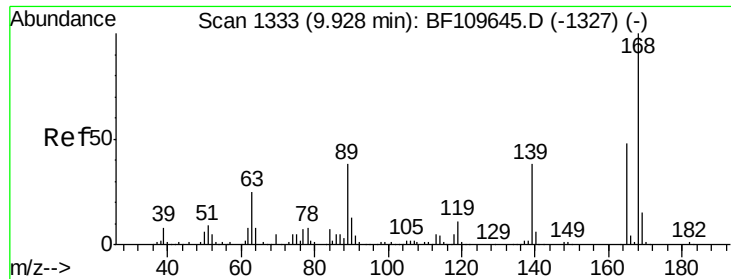


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

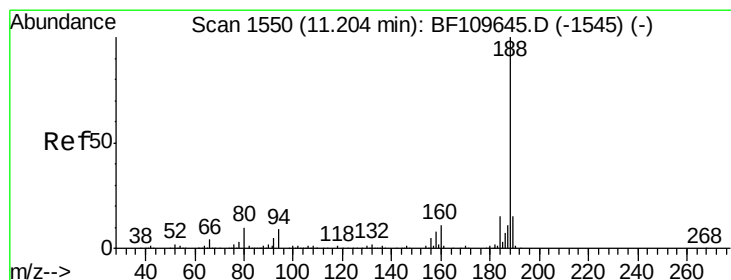
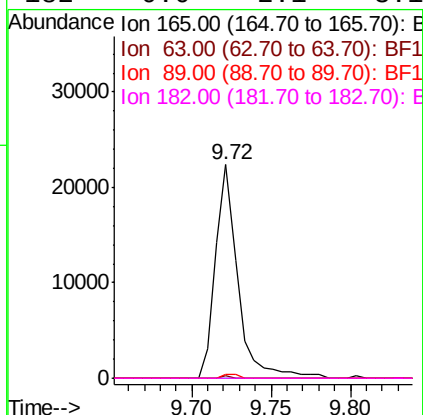
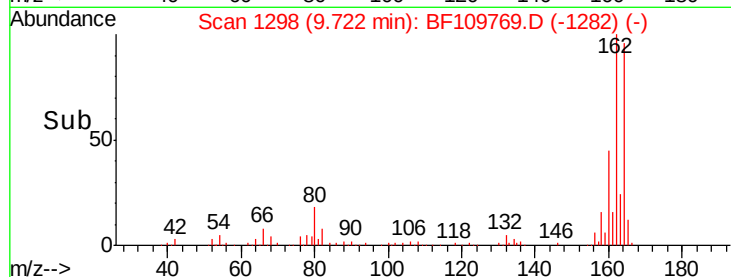
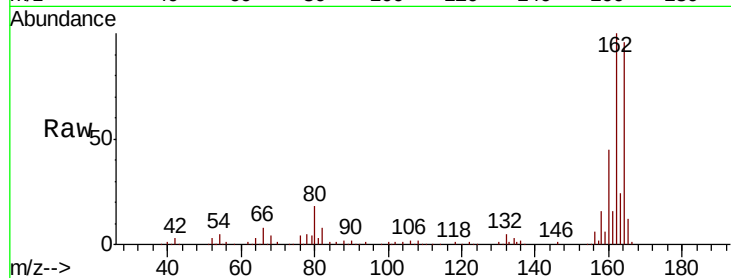




#56
2,4-Dinitrotoluene
Concen: 6.262 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

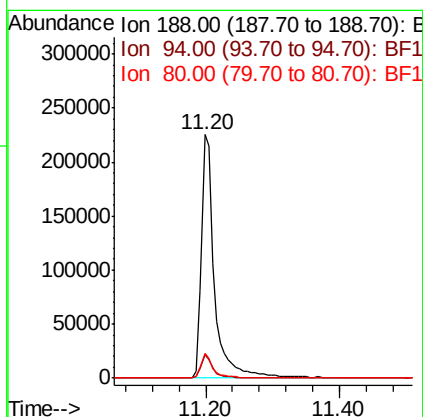
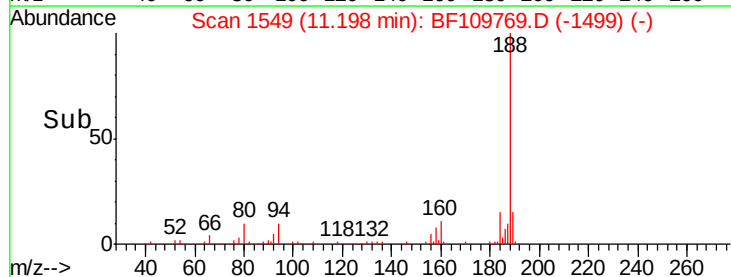
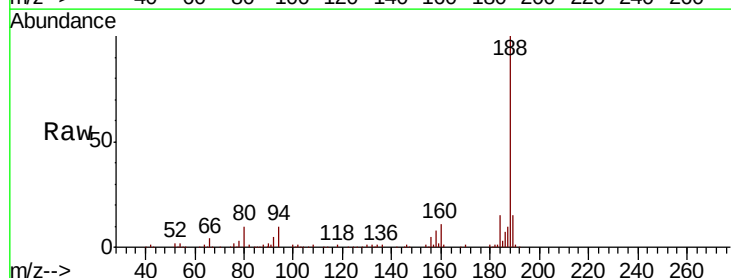
Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

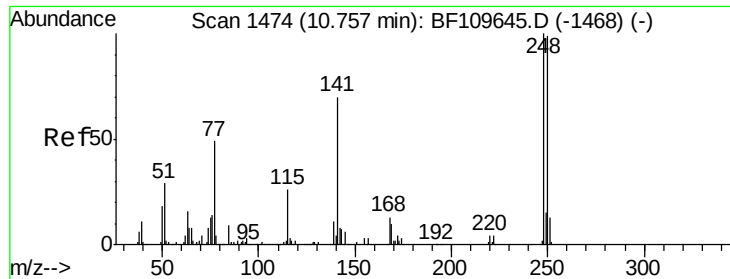
Tgt Ion:165 Resp: 22040
Ion Ratio Lower Upper
165 100
63 1.5 44.8 67.2#
89 1.6 62.2 93.4#
182 0.0 2.1 3.1#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Tgt Ion:188 Resp: 299363
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.0 7.9 11.9

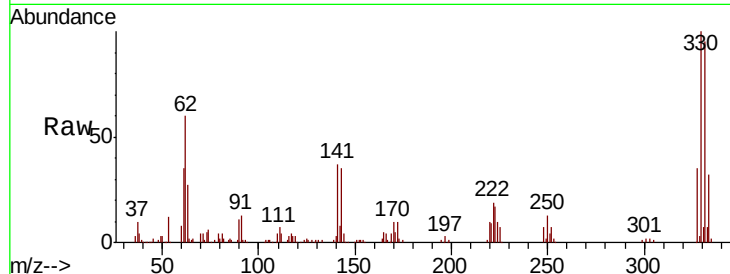




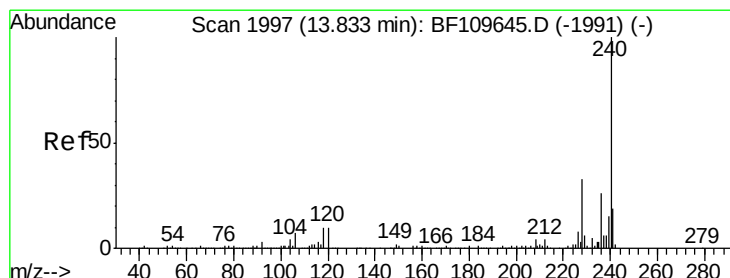
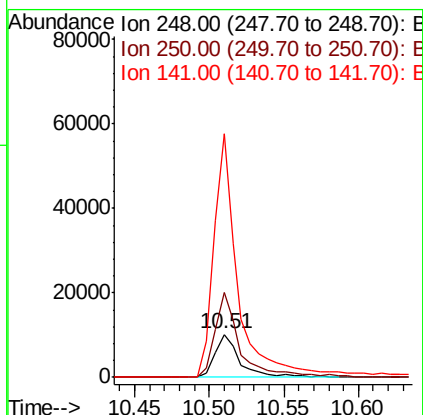
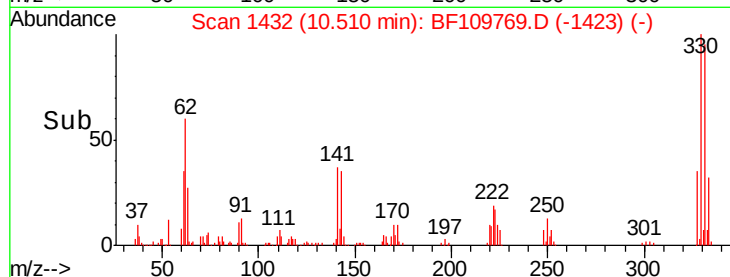
#66
 4-Bromophenyl-phenylether
 Concen: 3.450 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

Tgt Ion:248 Resp: 11868
 Ion Ratio Lower Upper
 248 100
 250 197.1 79.4 119.2#
 141 562.5 55.9 83.9#

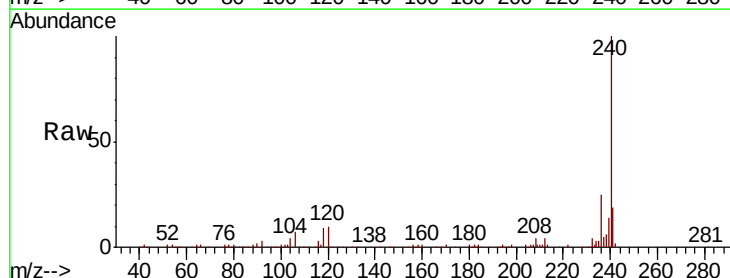


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

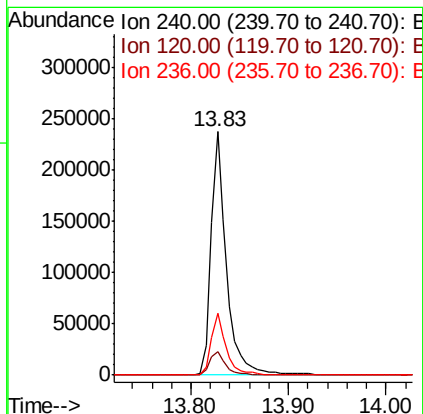
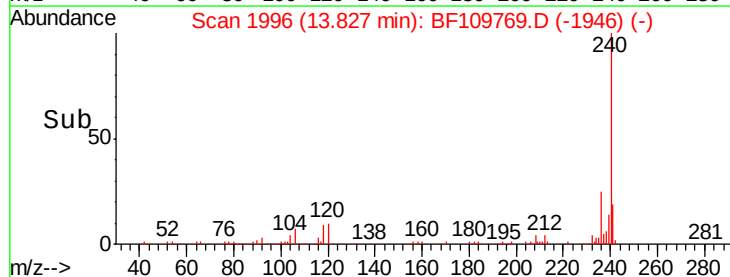


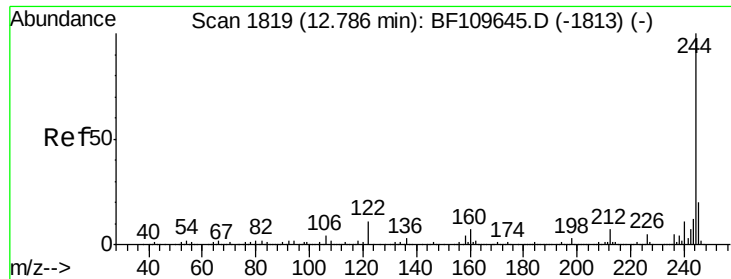
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Tgt Ion:240 Resp: 259102
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.3 12.5
 236 25.3 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: 60.016 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Instrument :

BNA_F

ClientSampleId :

FL-PIT-3

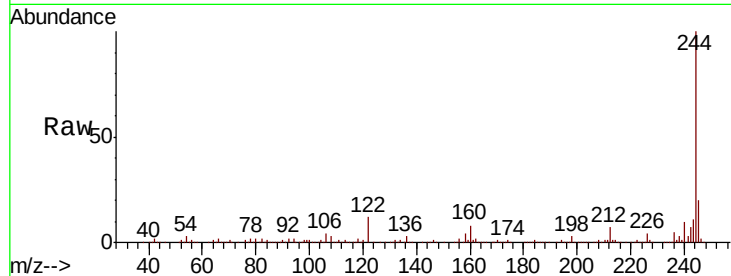
Tgt Ion:244 Resp: 803280

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

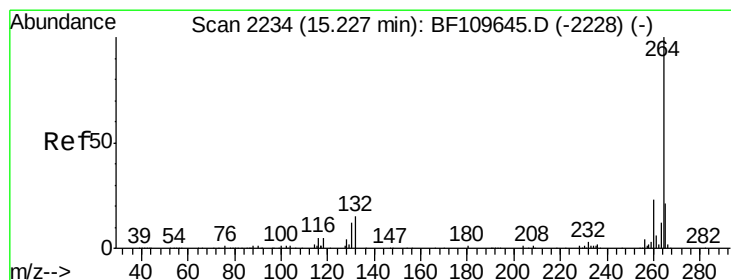
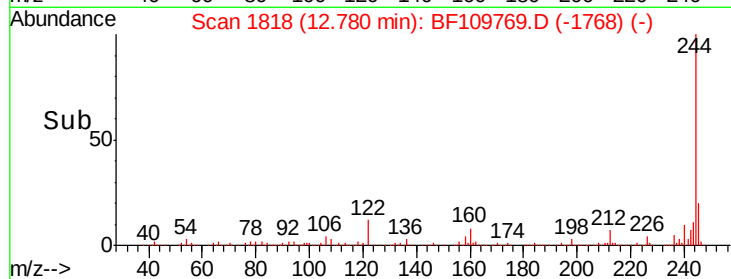
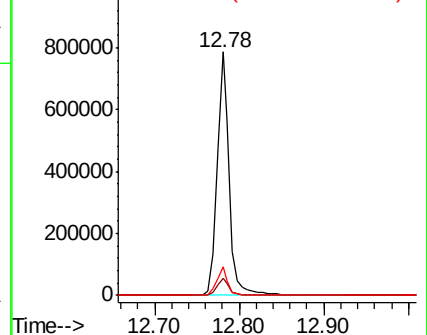
122 11.8 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

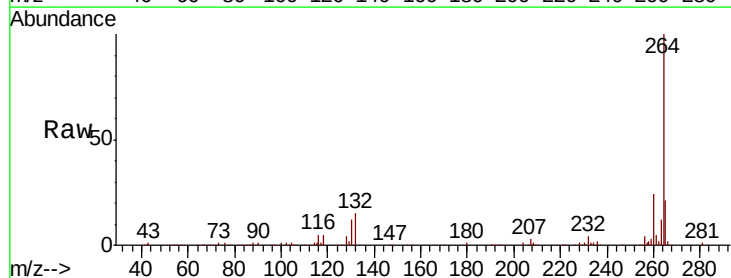
Tgt Ion:264 Resp: 238361

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 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

