

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101657.D
 Acq On : 22 Dec 2017 16:59
 Operator : SJ/JU
 Sample : I7007-01 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV21854L

Quant Time: Dec 22 22:33:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

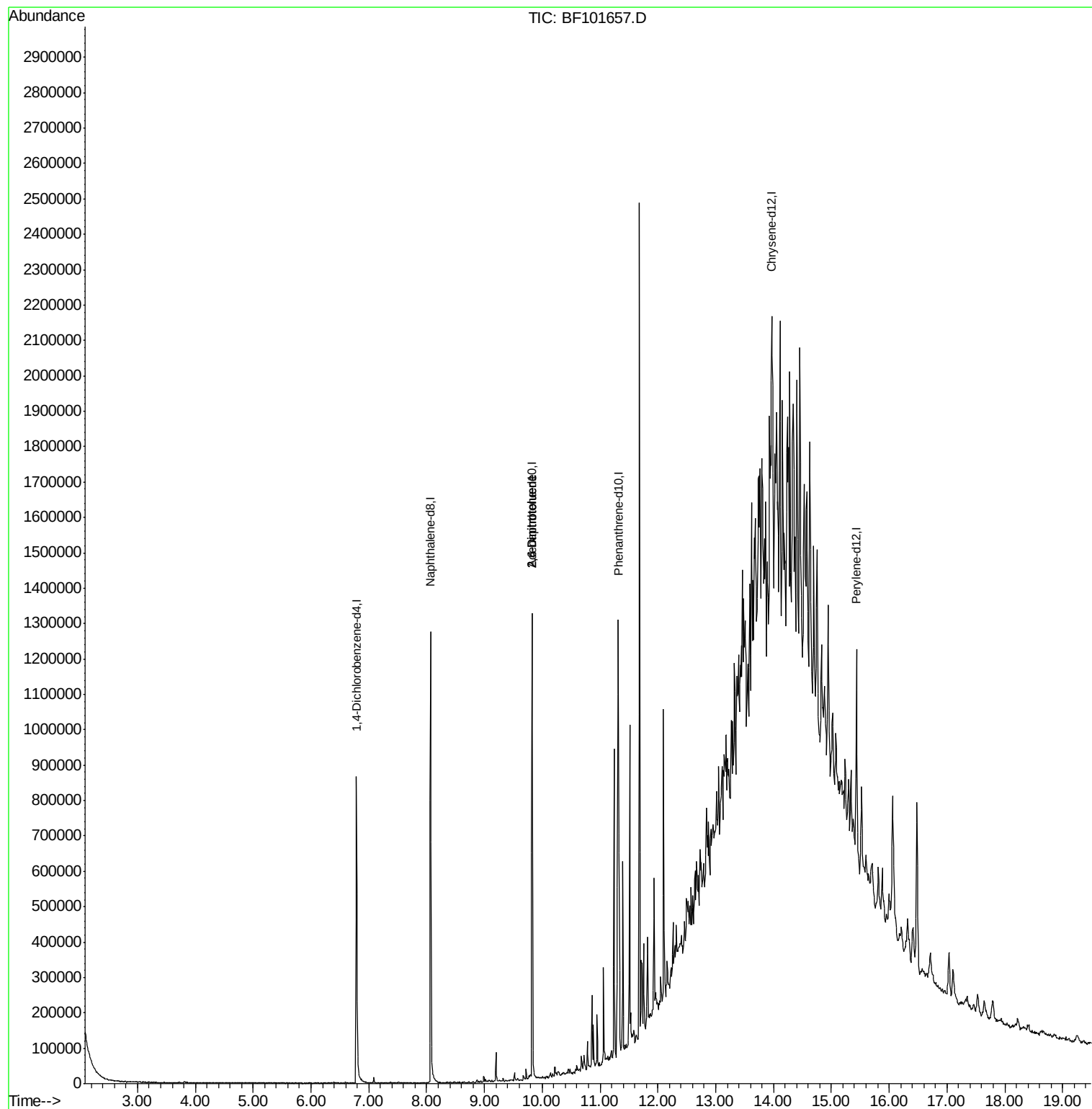
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150797	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	604807	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253923	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	424898	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261215	20.00	ng	0.00
86) Perylene-d12	15.43	264	305983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	286	0.02	ng	0.00
78) Terphenyl-d14	12.90	244	2149	0.20	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.82	165	32878	7.920	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	32878	7.030	ng	# 23

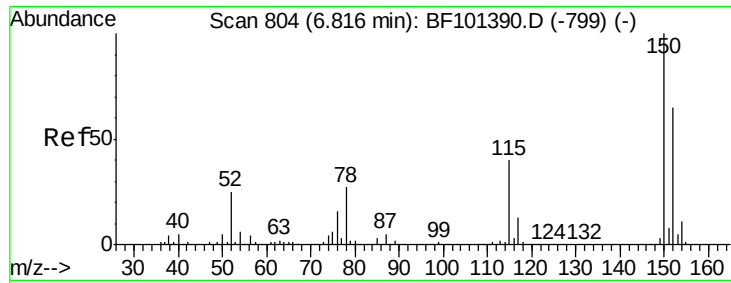
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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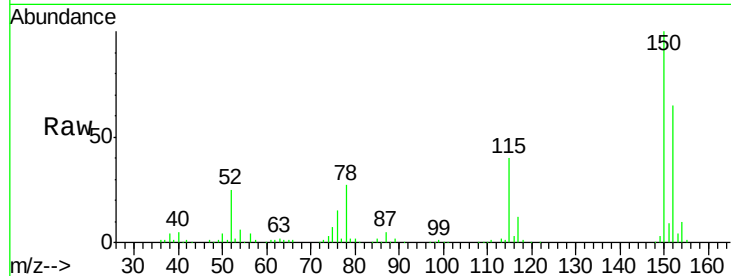


#1

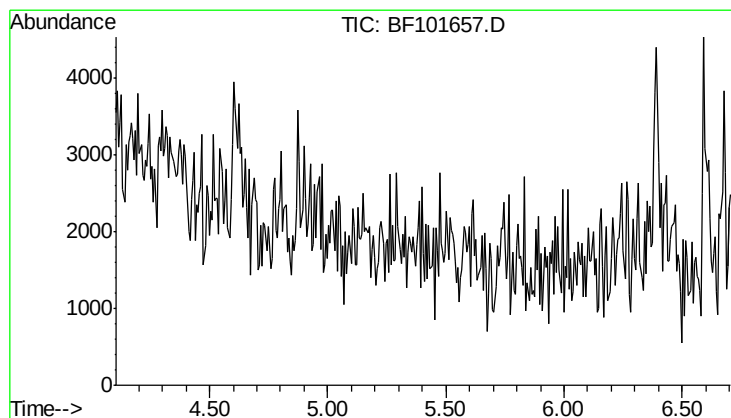
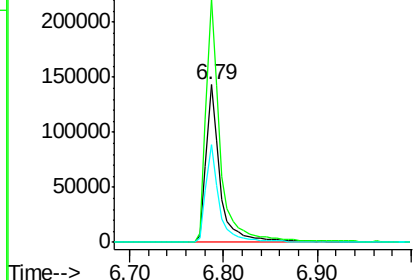
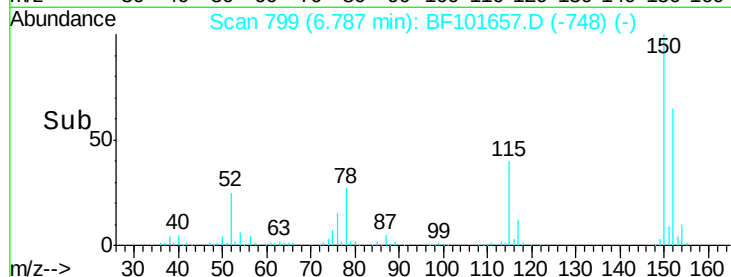
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SV21854L

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	154.5	124.6	186.8	
115	61.6	50.1	75.1	



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

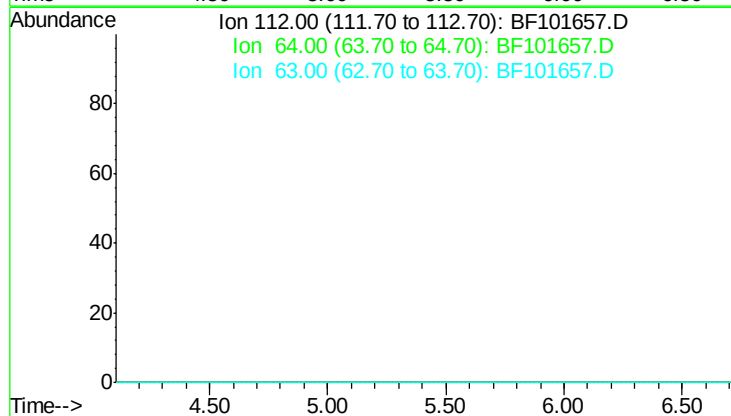


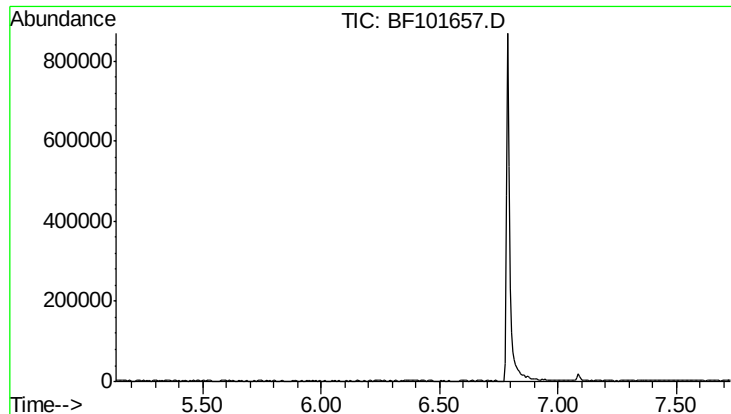
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min

Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

Tgt Ion	Sig	Exp Ratio
112	100	
64	59.9	
63	29.6	

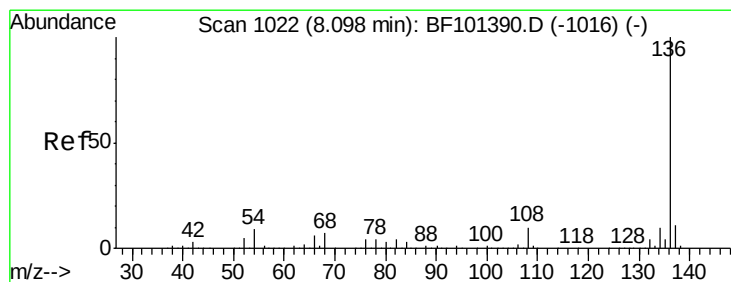
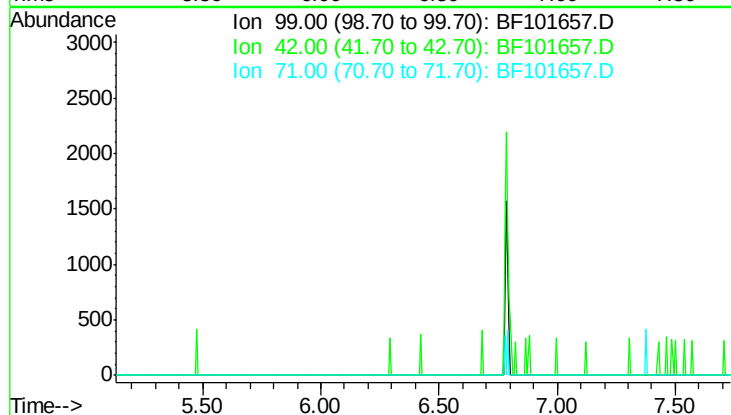




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.43 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

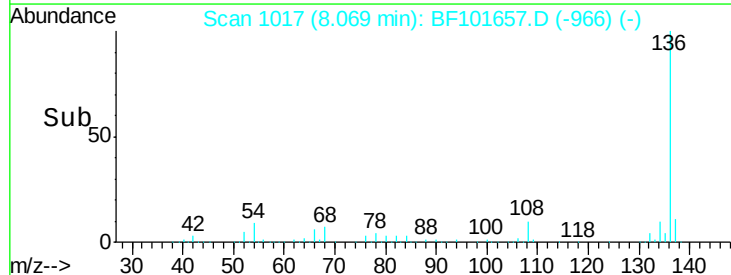
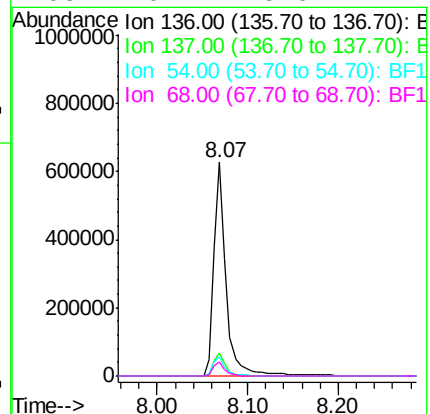
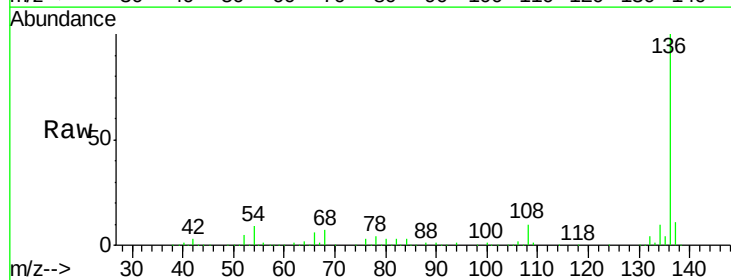
Instrument :
 BNA_F
 ClientSampleId :
 SV21854L

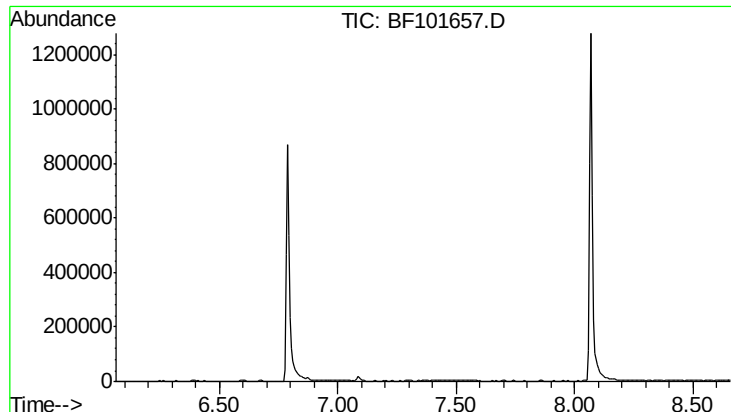
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

Tgt Ion: 136 Resp: 604807
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.9 13.3
 54 9.2 6.6 9.8
 68 6.7 5.0 7.4

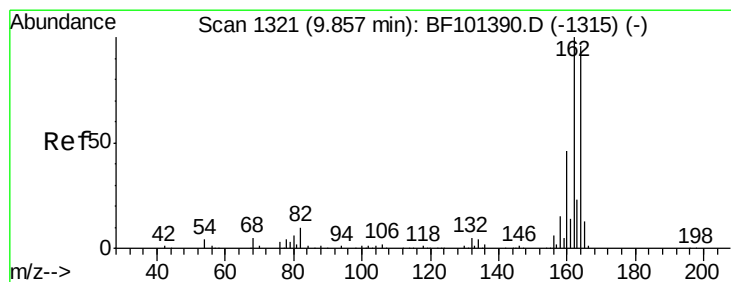
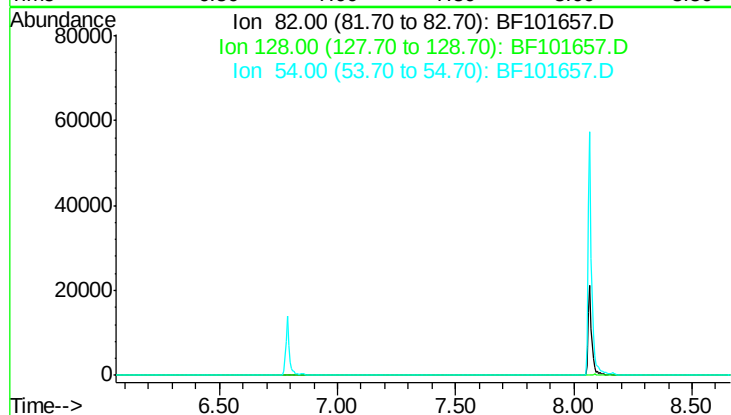




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.36 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

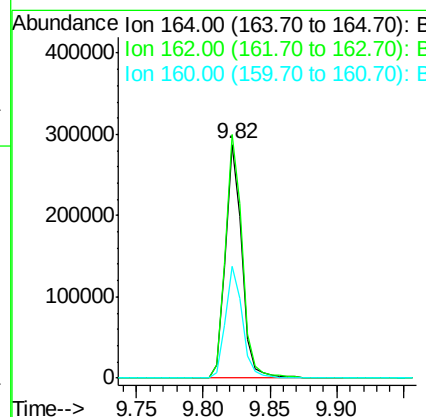
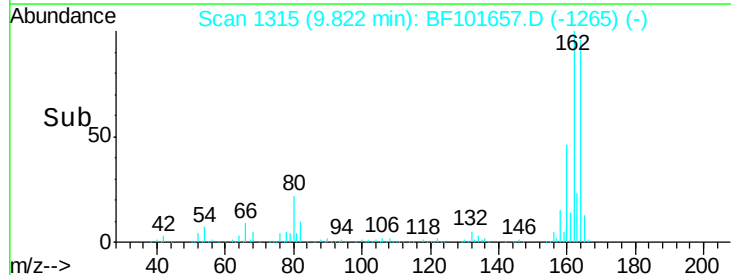
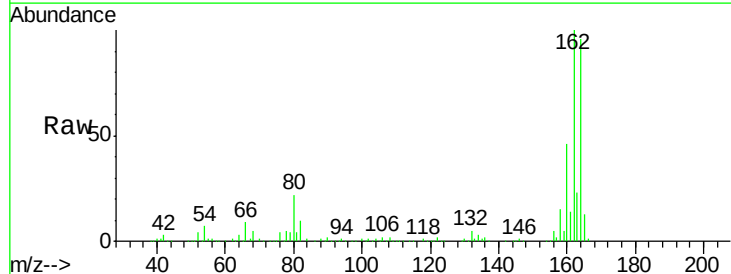
Instrument :
 BNA_F
 ClientSampleId :
 SV21854L

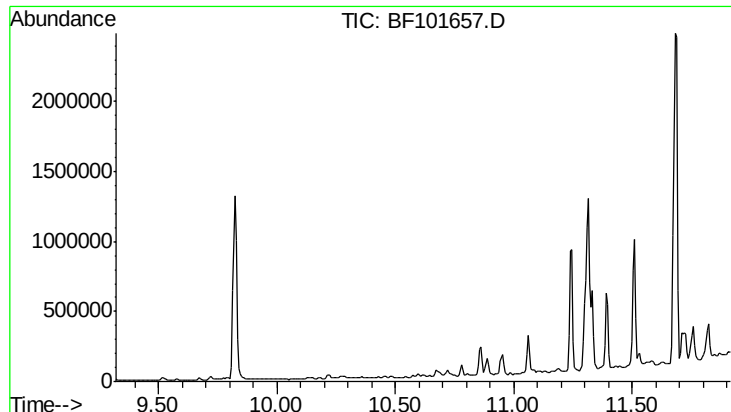
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

Tgt Ion	164	Resp	253923
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	47.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.62 min

Lab File: BF101657.D

Acq: 22 Dec 2017 16:59

Instrument :

BNA_F

ClientSampleId :

SV21854L

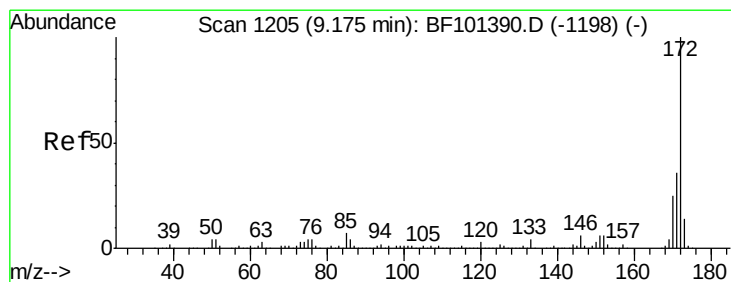
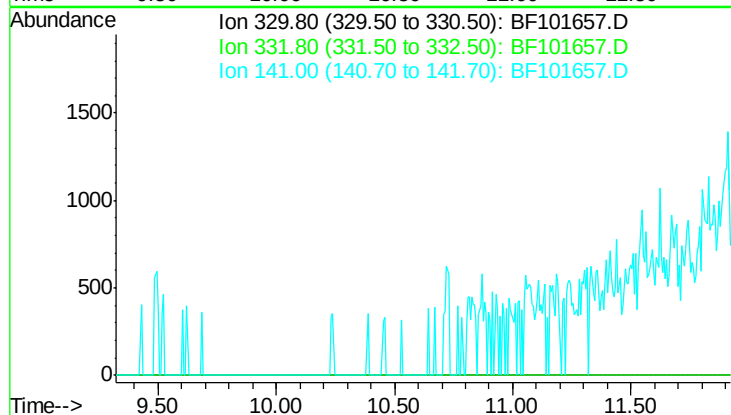
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 37.4



#44

2-Fluorobiphenyl

Concen: 0.017 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF101657.D

Acq: 22 Dec 2017 16:59

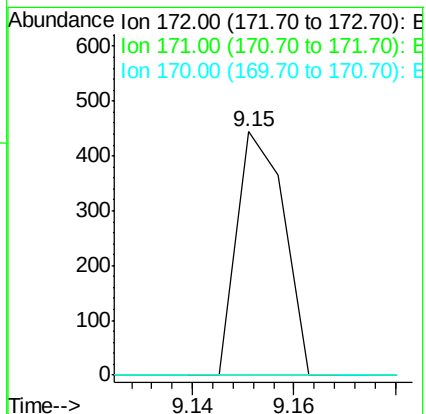
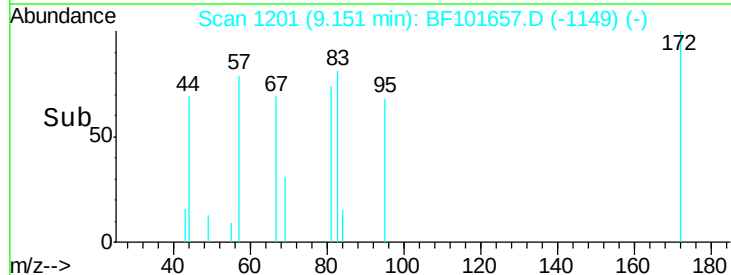
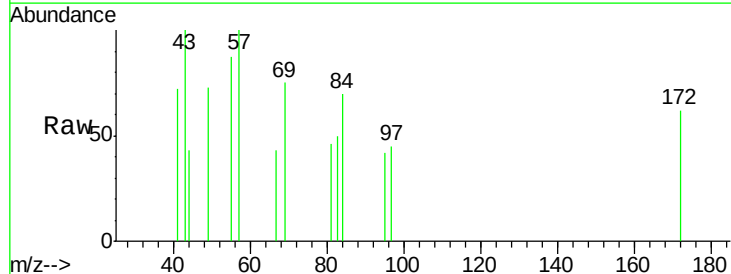
Tgt Ion:172 Resp: 286

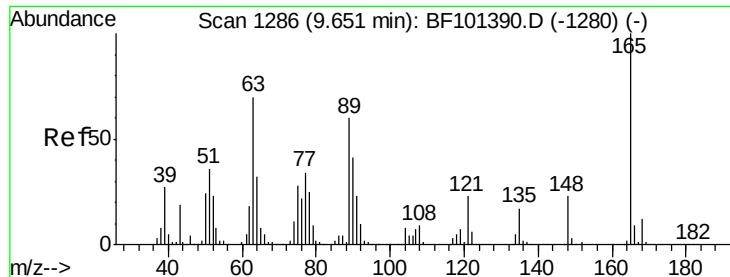
Ion Ratio Lower Upper

172 100

171 0.0 29.7 44.5#

170 0.0 19.6 29.4#

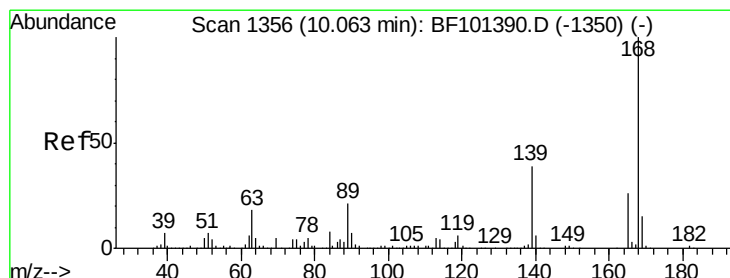
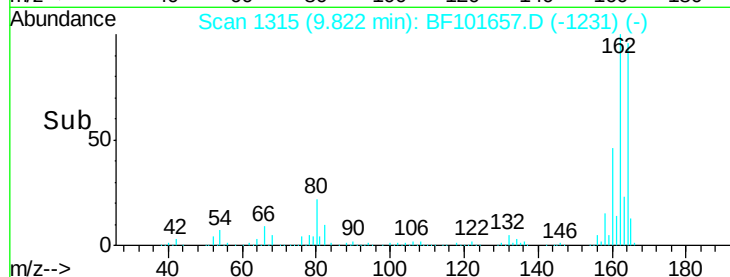
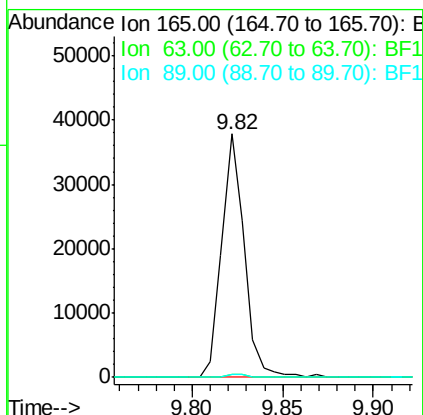
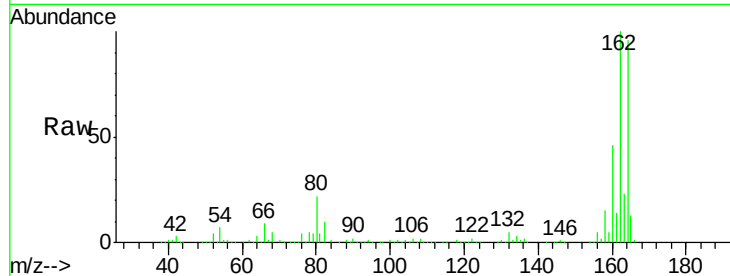




#50
 2,6-Dinitrotoluene
 Concen: 7.920 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

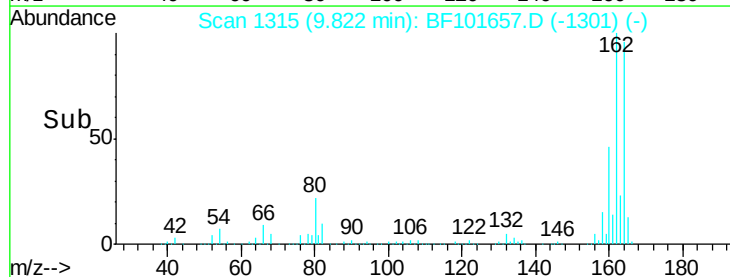
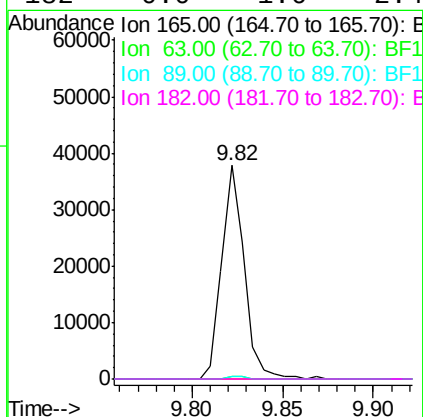
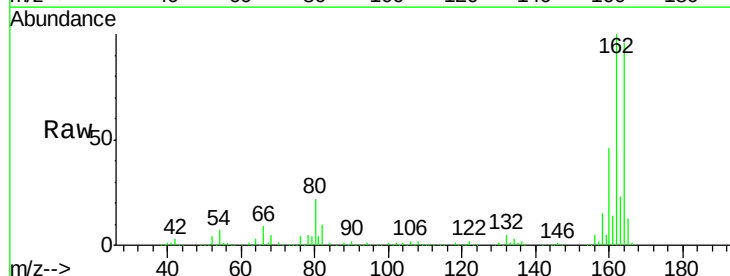
Instrument :
 BNA_F
 ClientSampleId :
 SV21854L

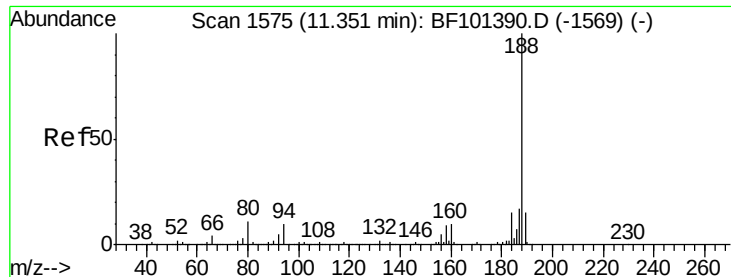
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.030 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101657.D
 Acq: 22 Dec 2017 16:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101657.D

Acq: 22 Dec 2017 16:59

Instrument :

BNA_F

ClientSampleId :

SV21854L

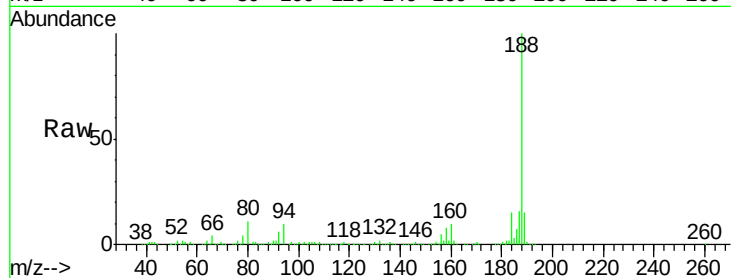
Tot Ion:188 Resp: 424898

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

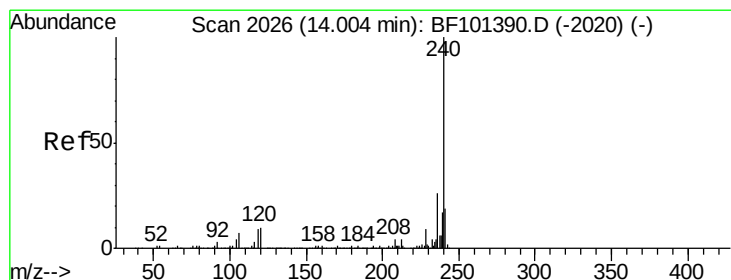
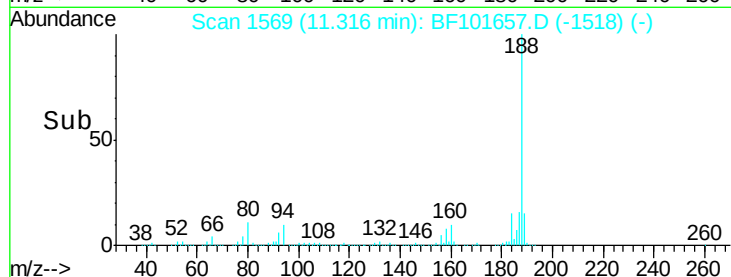
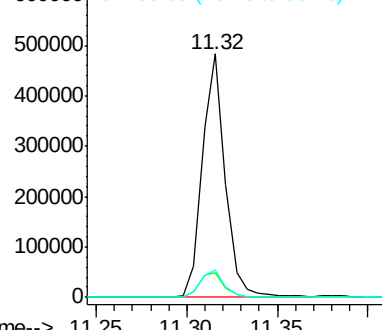
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101657.D

Acq: 22 Dec 2017 16:59

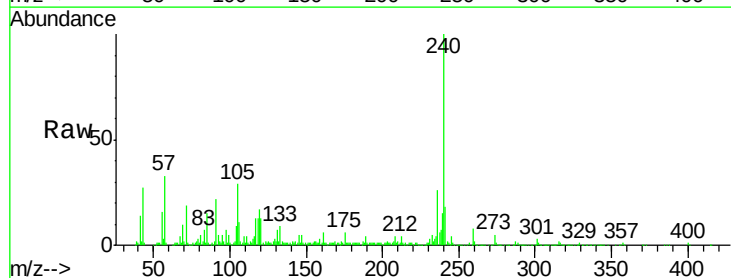
Tgt Ion:240 Resp: 261215

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

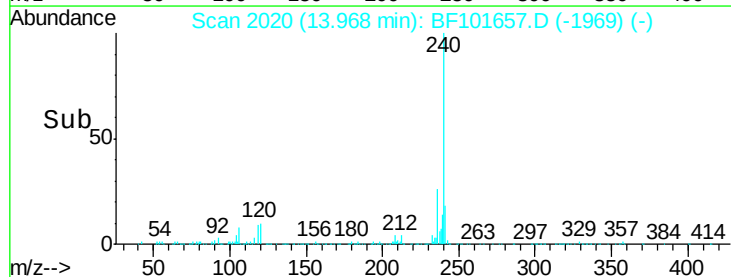
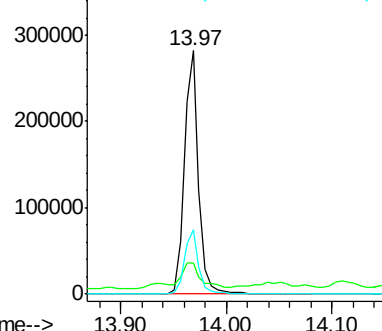
236 26.4 20.7 31.1

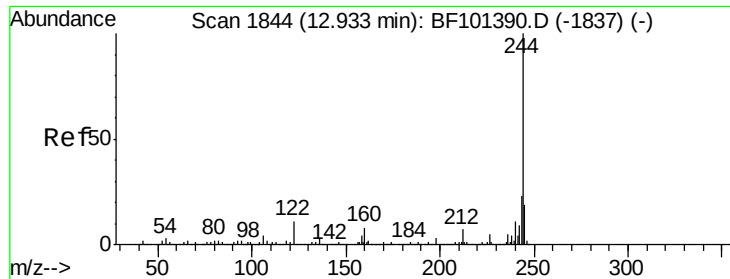


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.198 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101657.D

Acq: 22 Dec 2017 16:59

Instrument :

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SV21854L

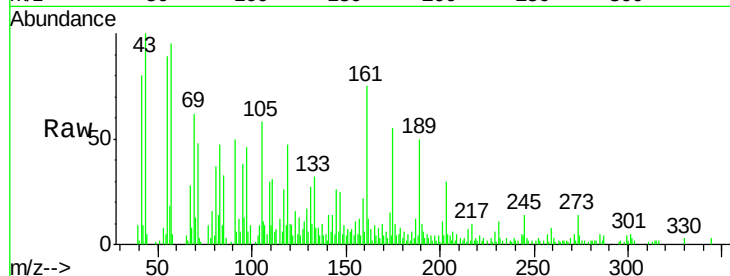
Tot Ion:244 Resp: 2149

Ion Ratio Lower Upper

244 100

212 36.6 5.4 8.0#

122 87.4 11.0 16.4#

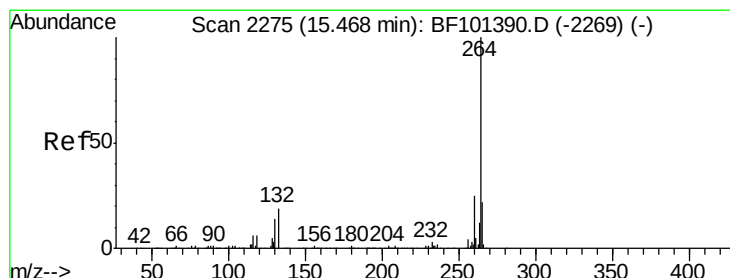
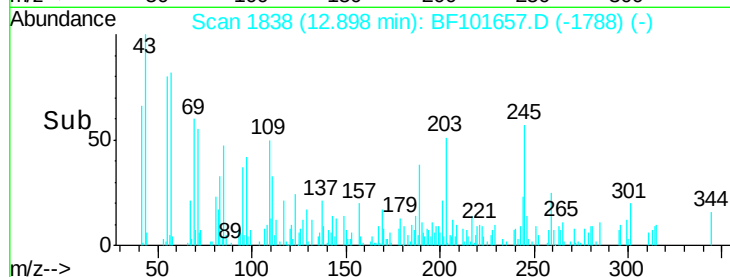


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.85 12.90 12.95



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF101657.D

Acq: 22 Dec 2017 16:59

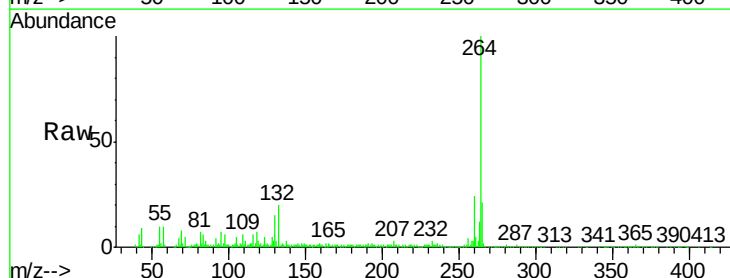
Tgt Ion:264 Resp: 305983

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.8 17.5 26.3



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

Time--> 15.30 15.40 15.50 15.60

