

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101759.D
 Acq On : 27 Dec 2017 12:44
 Operator : SJ/JU
 Sample : I7010-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 13:53:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

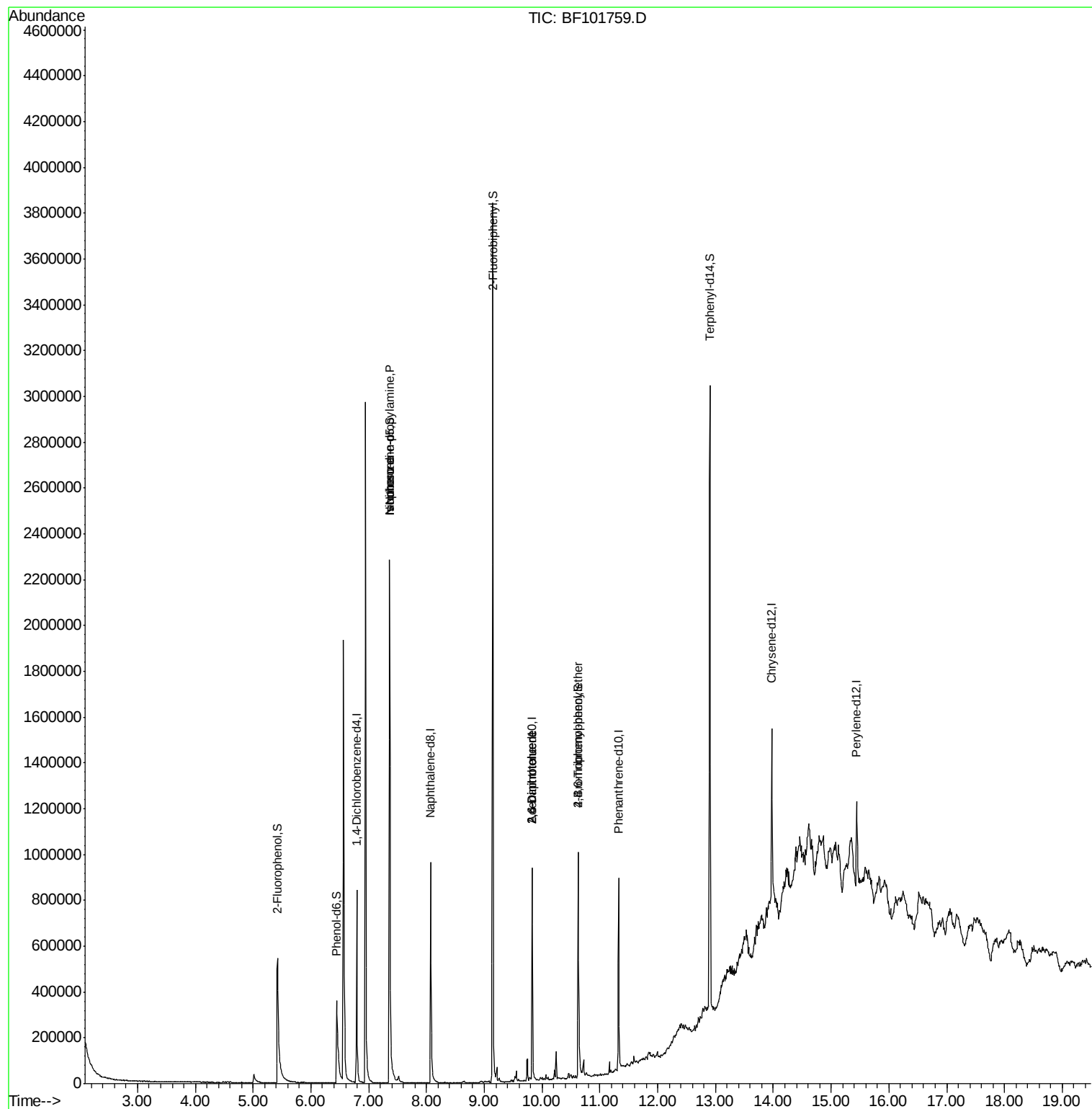
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140037	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	509910	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	191822	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	312201	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287575	20.00	ng	0.00
86) Perylene-d12	15.44	264	228036	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	343376	36.53	ng	0.02
7) Phenol-d6	6.45	99	255477	21.84	ng	0.01
23) Nitrobenzene-d5	7.36	82	845831	92.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150255	81.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1300084	105.14	ng	0.00
78) Terphenyl-d14	12.90	244	1015339	85.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	111283	14.483	ng	# 81
25) Isophorone	7.36	82	845915	46.034	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	24459	7.800	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	24460	6.923	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	9215	2.627	ng	# 1

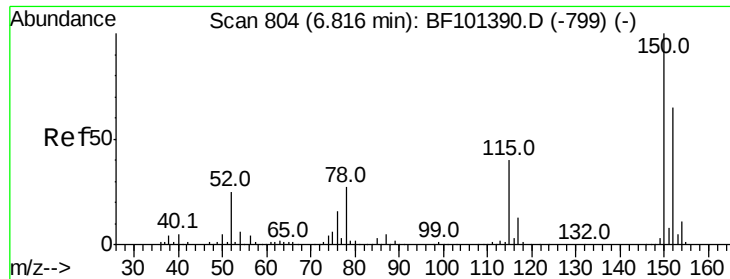
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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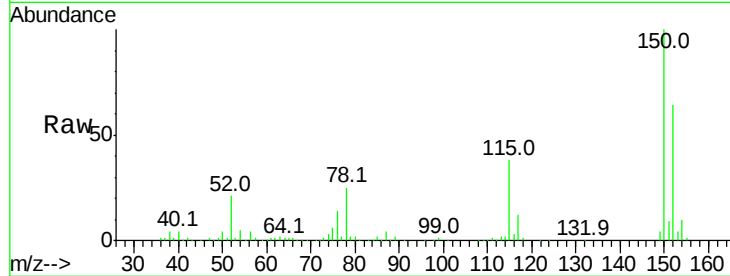


#1

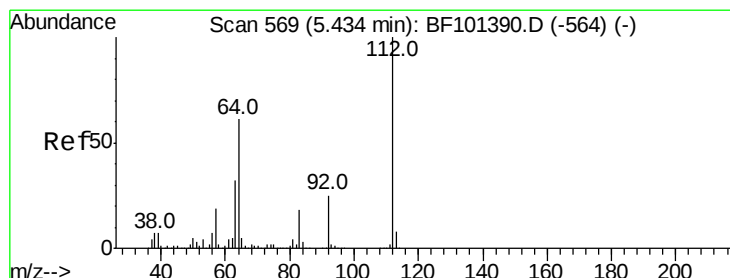
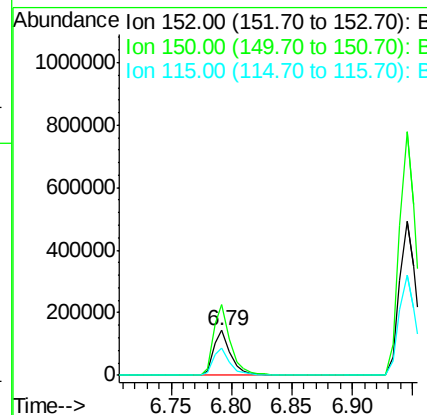
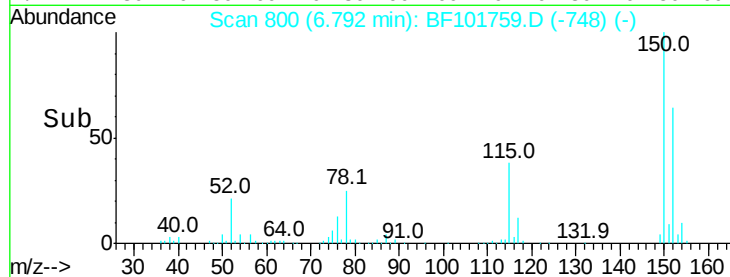
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 140037
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.6 50.1 75.1



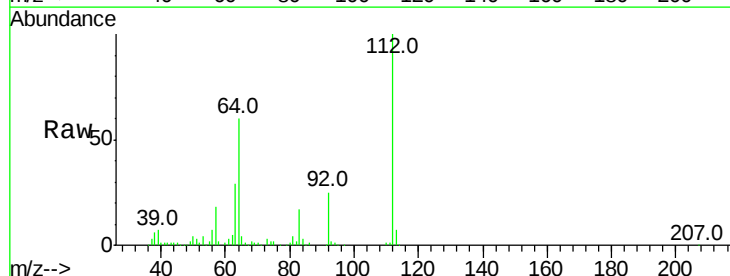
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



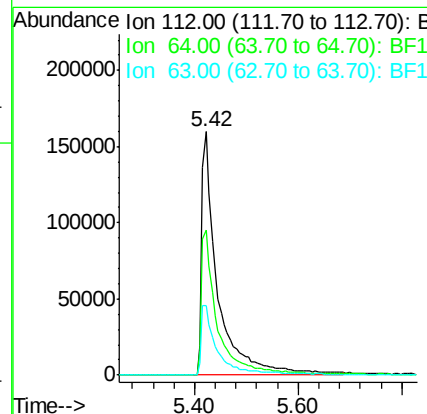
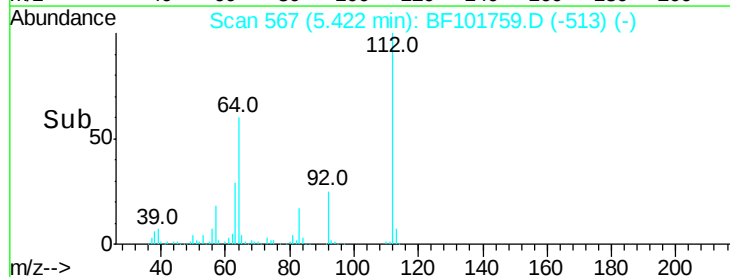
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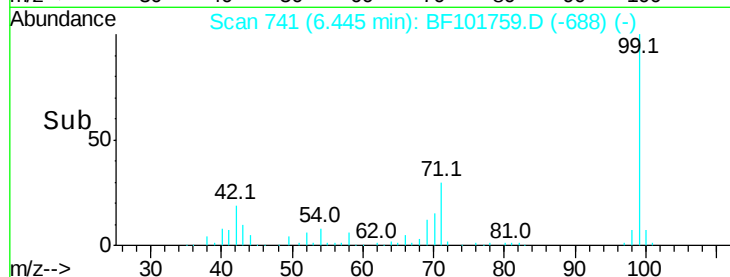
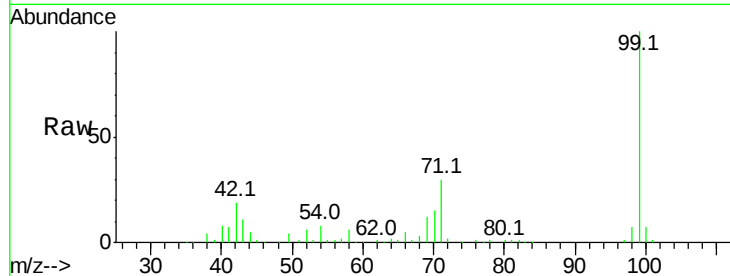
2-Fluorophenol
Concen: 36.525 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

Tgt Ion:112 Resp: 343376
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 28.8 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: 21.836 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

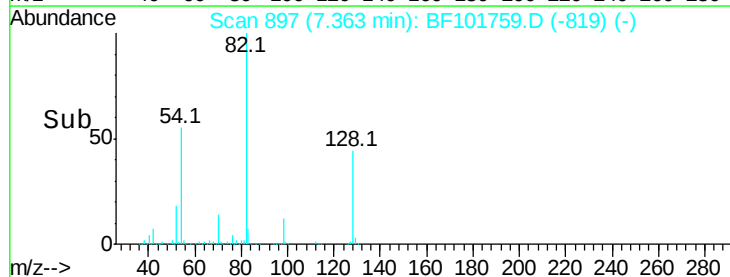
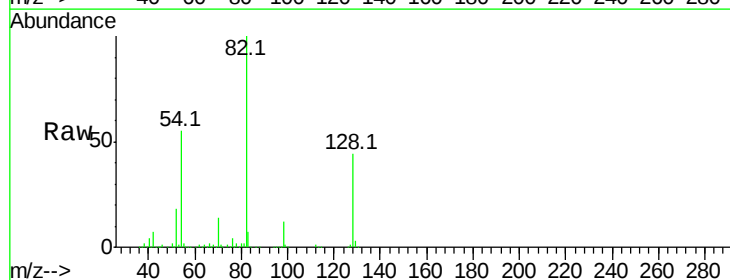
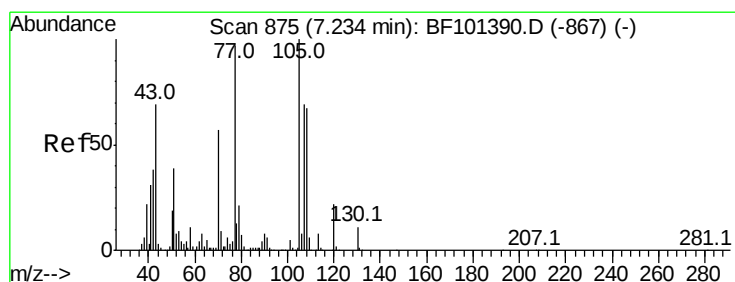
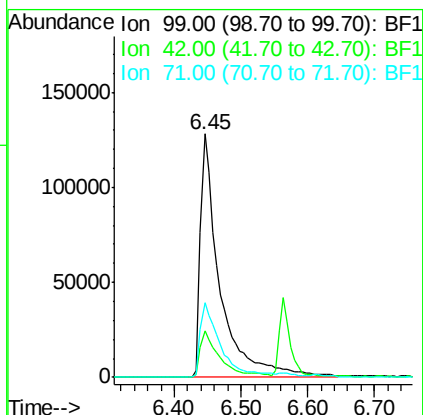
Tot Ion: 99 Resp: 255477

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 30.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.483 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Tgt Ion: 70 Resp: 111283

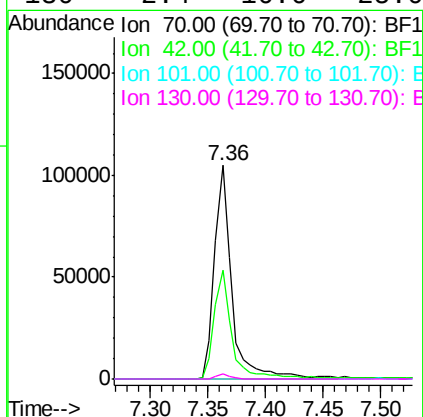
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

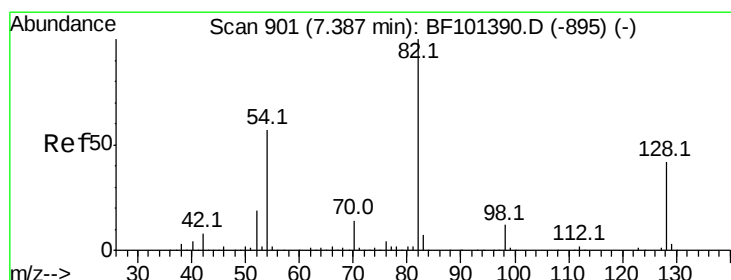
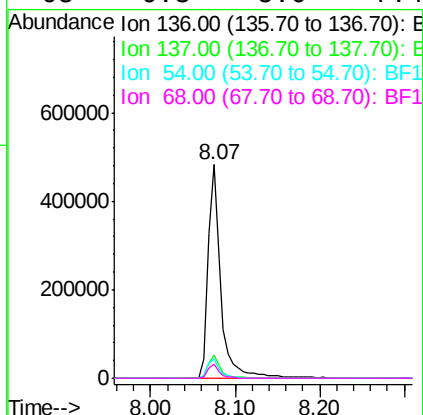
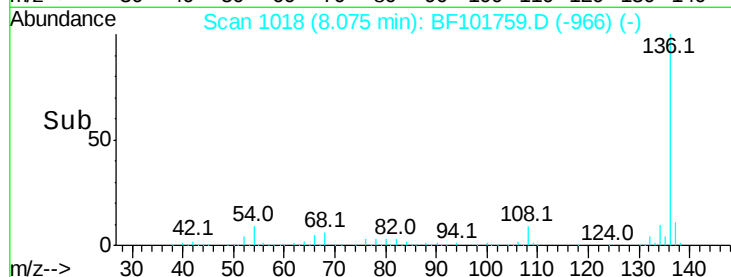
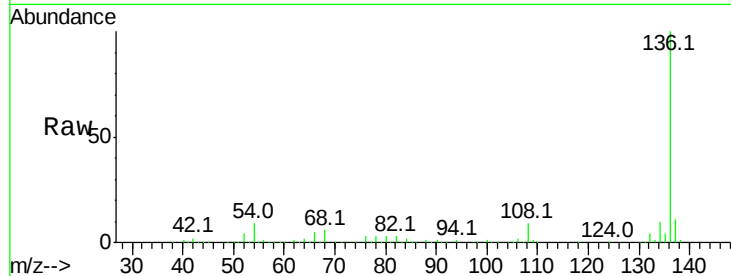




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

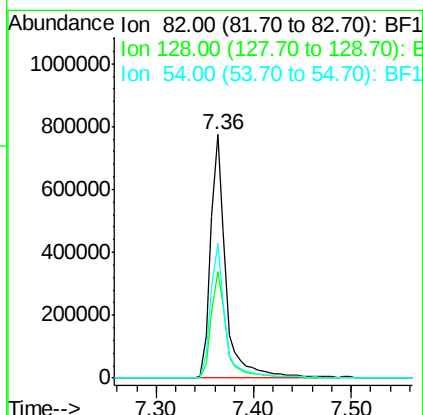
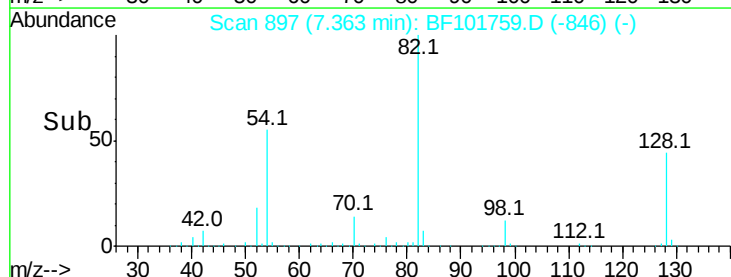
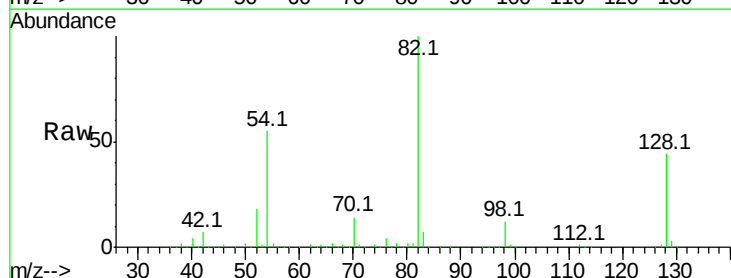
Instrument :
BNA_F
ClientSampleId :

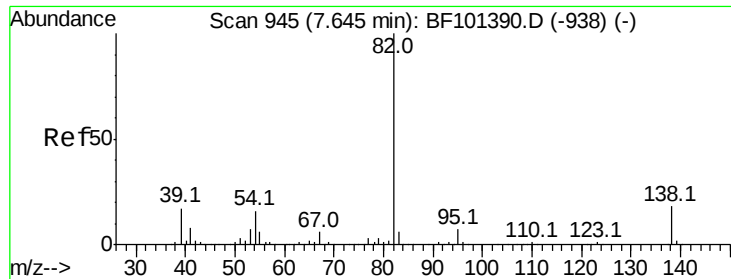
Tot Ion:	136	Resp:	509910
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.338 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

Tgt Ion:	82	Resp:	845831
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	55.2	41.4	62.2





#25

Isophorone

Concen: 46.034 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

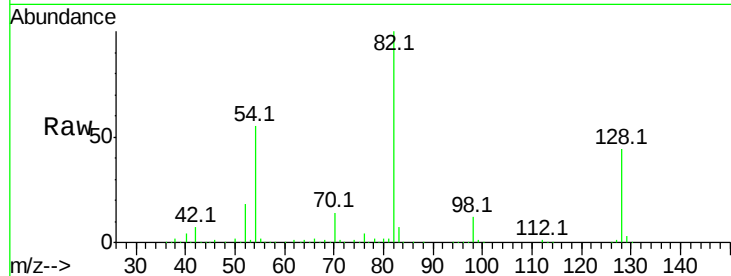
Tot Ion: 82 Resp: 845915

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

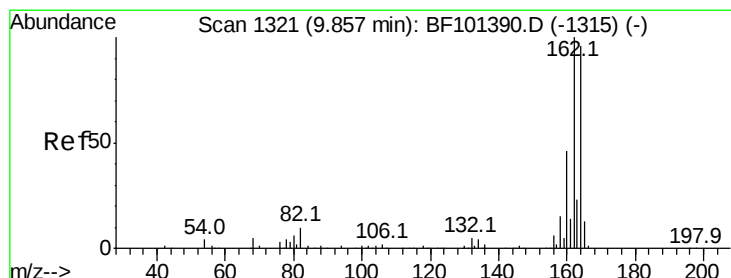
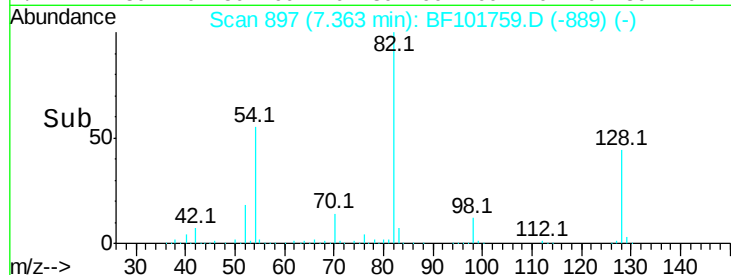
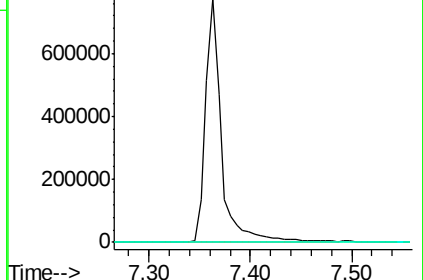
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

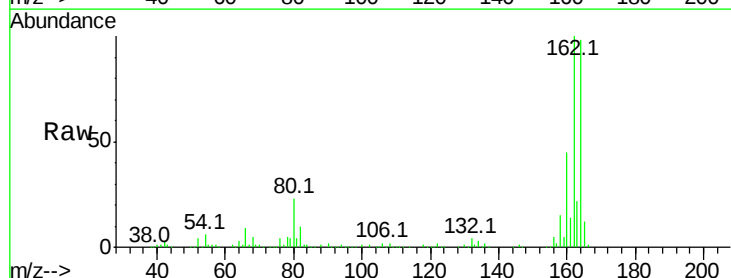
Tgt Ion: 164 Resp: 191822

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

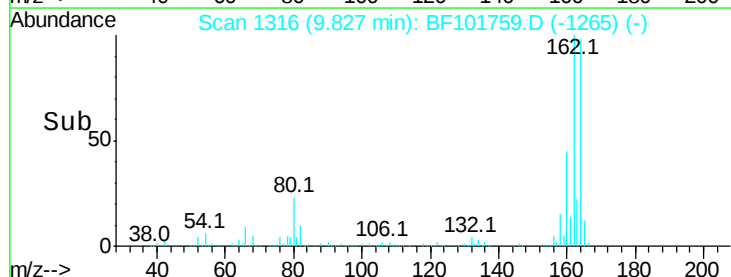
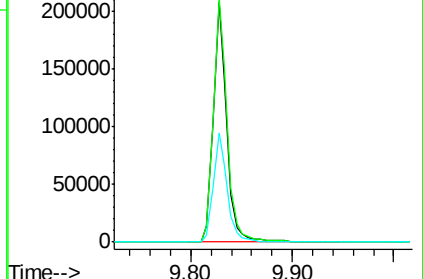
160 45.8 38.3 57.5



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

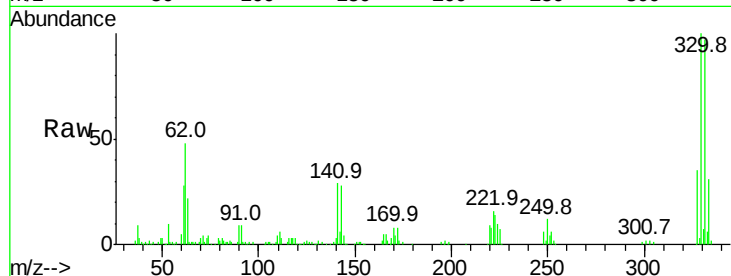




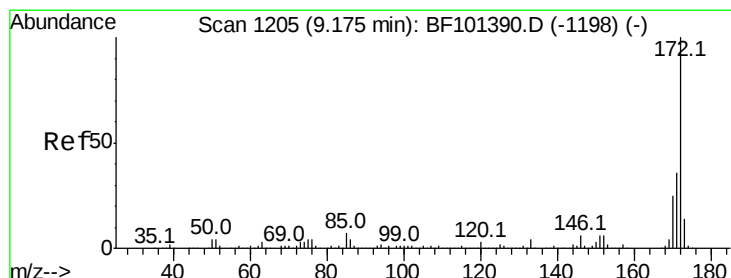
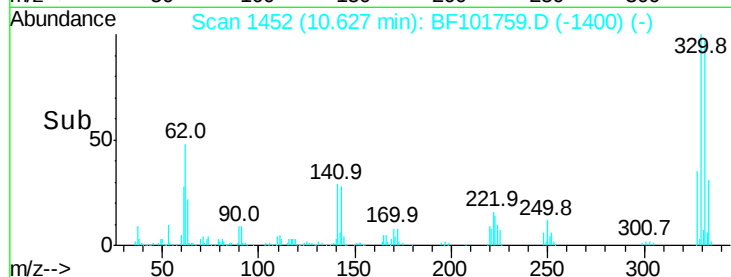
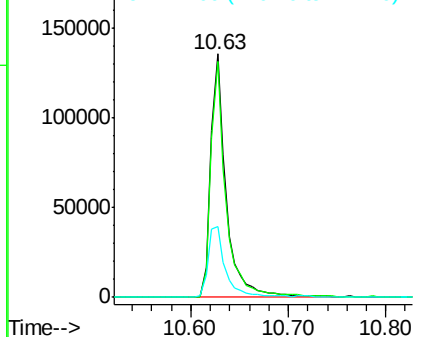
#41
 2,4,6-Tribromophenol
 Concen: 81.291 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.7	29.9	44.9

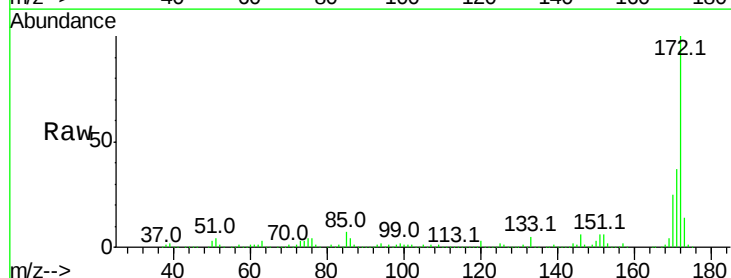


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

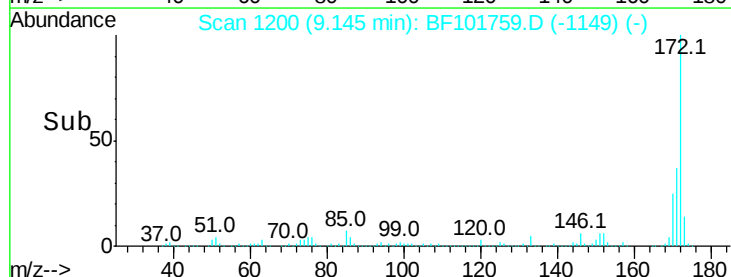
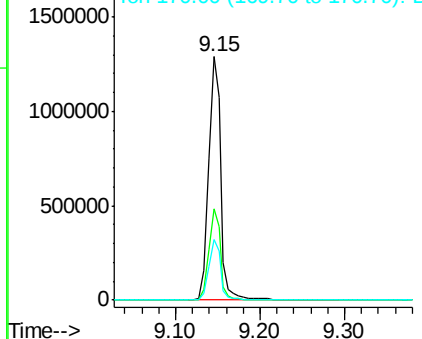


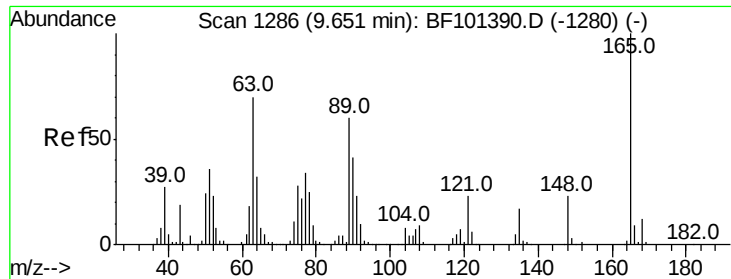
#44
 2-Fluorobiphenyl
 Concen: 105.136 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.6	29.4



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

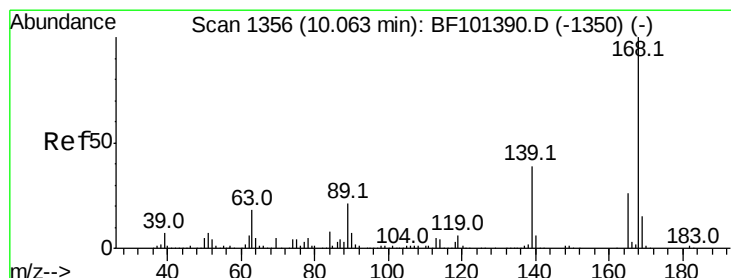
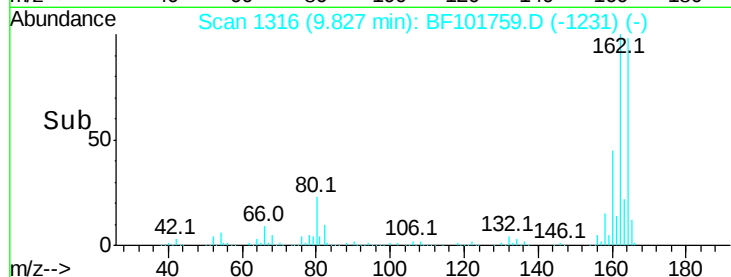
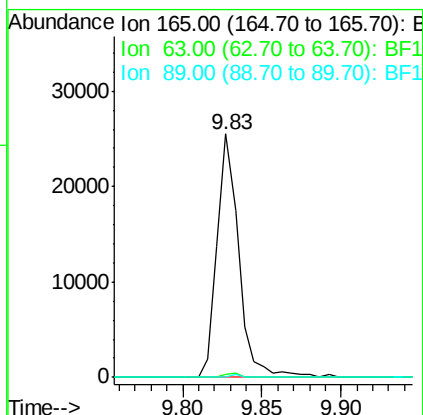
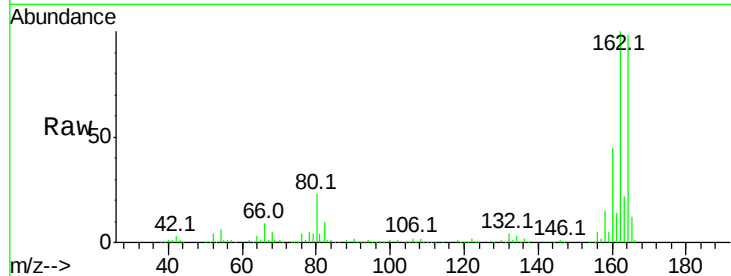




#50
 2,6-Dinitrotoluene
 Concen: 7.800 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

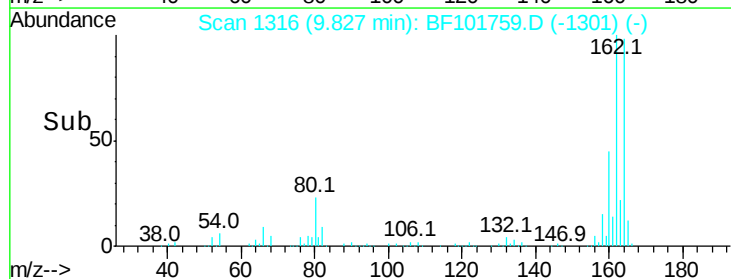
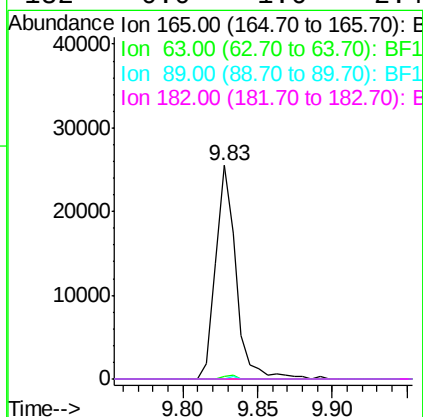
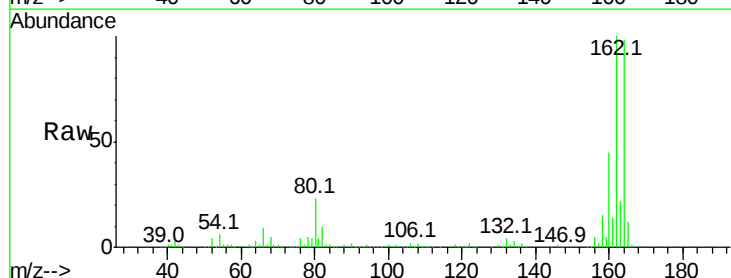
Instrument :
 BNA_F
 ClientSampleId :

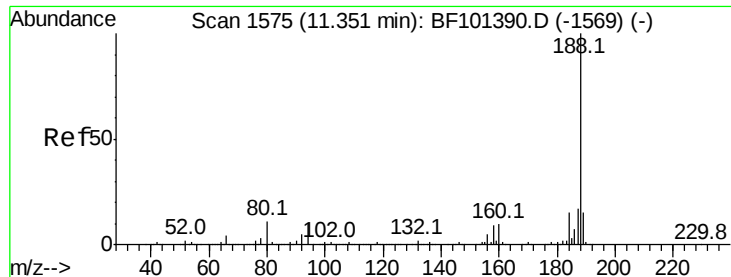
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.923 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF101759.D
 Acq: 27 Dec 2017 12:44

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

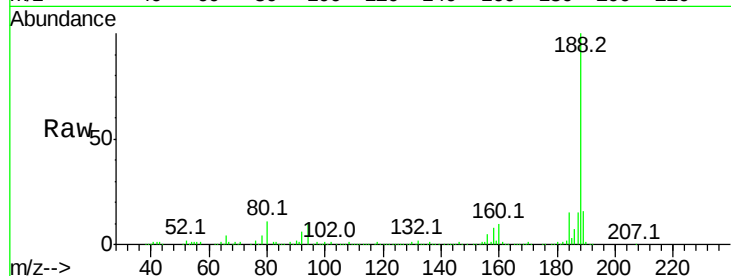
Tot Ion:188 Resp: 312201

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

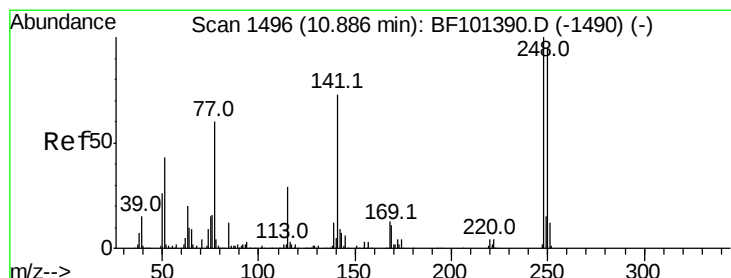
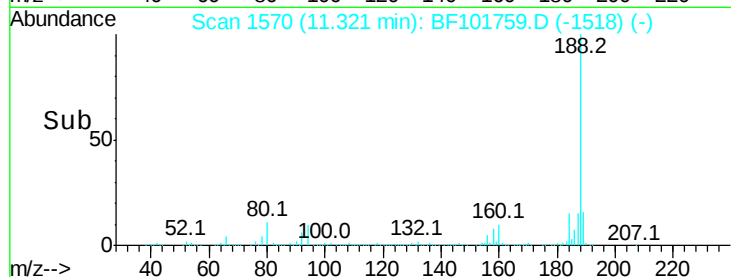
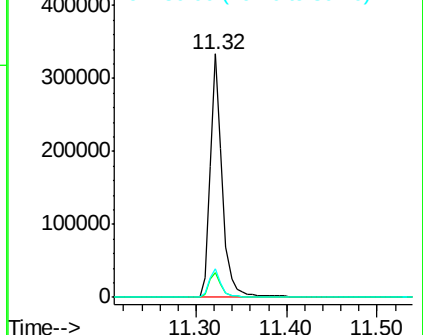
80 11.5 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 2.627 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.22 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

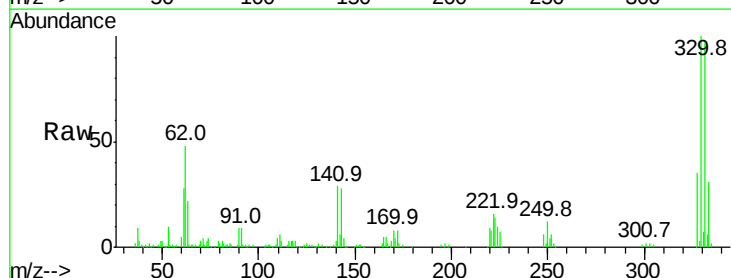
Tgt Ion:248 Resp: 9215

Ion Ratio Lower Upper

248 100

250 202.3 76.9 115.3#

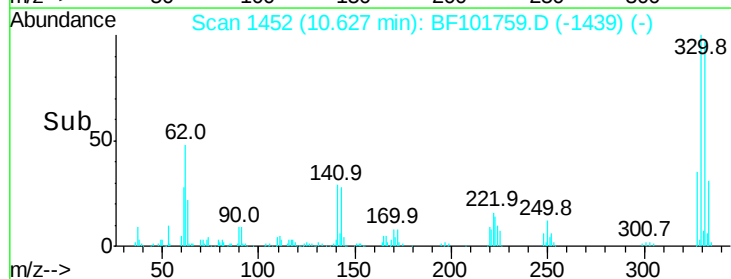
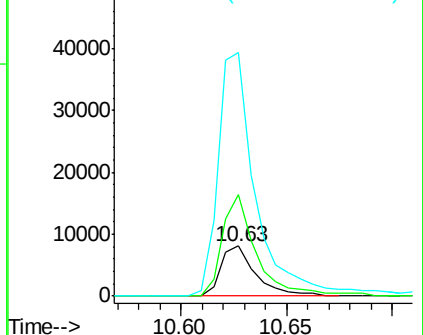
141 486.8 74.4 111.6#

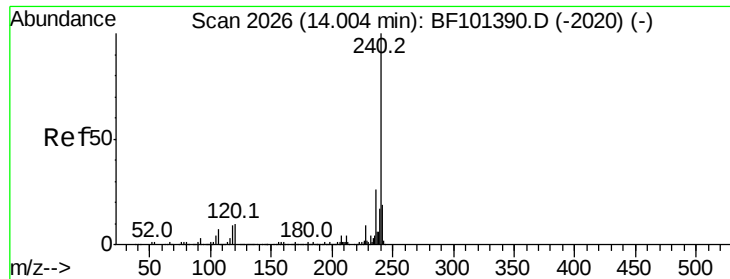


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

Instrument :

BNA_F

ClientSampleId :

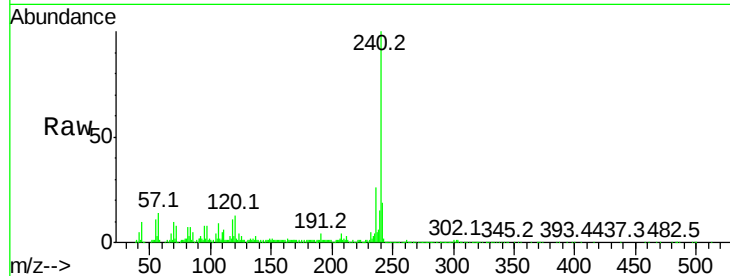
Tot Ion:240 Resp: 287575

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

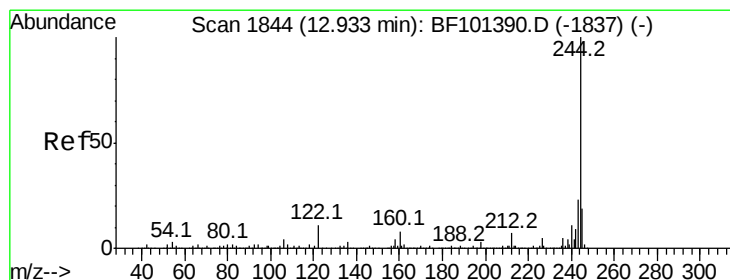
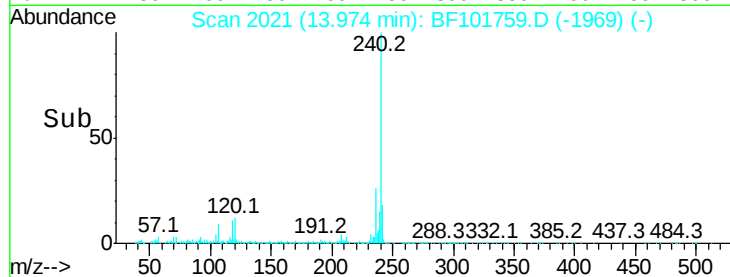
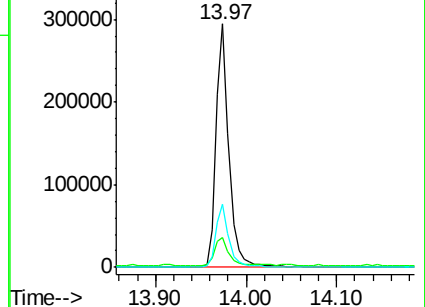
236 26.0 20.7 31.1



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: 85.117 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101759.D

Acq: 27 Dec 2017 12:44

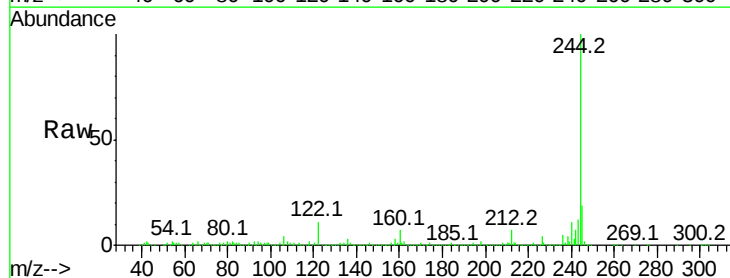
Tgt Ion:244 Resp: 1015339

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

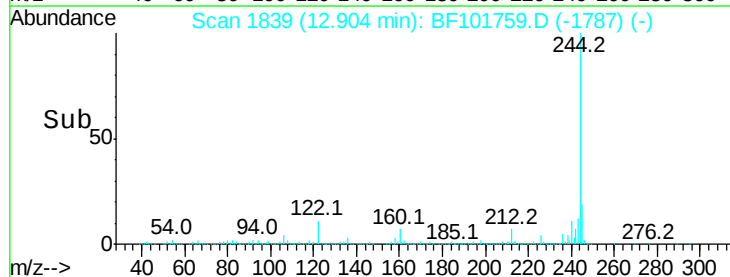
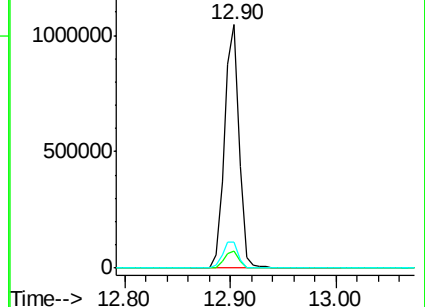
122 10.8 11.0 16.4#

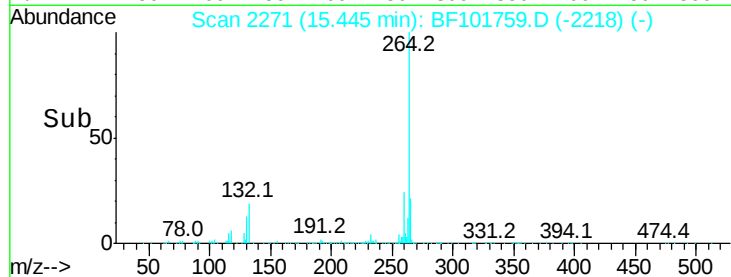
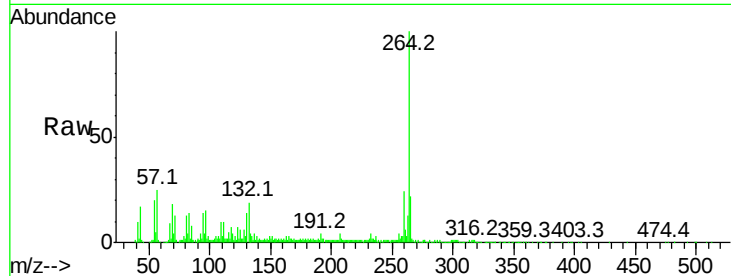
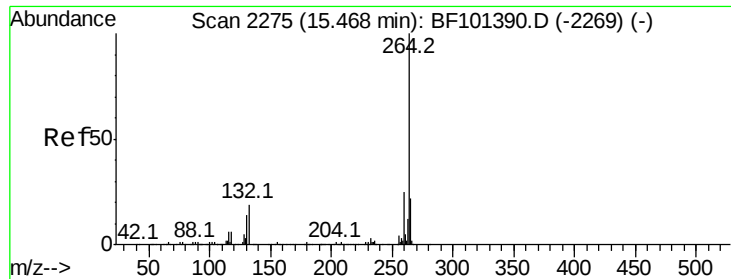


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101759.D
Acq: 27 Dec 2017 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

