

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036572.D
 Acq On : 6 Sep 2018 16:51
 Operator : JU/SJ
 Sample : J4801-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 17:27:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

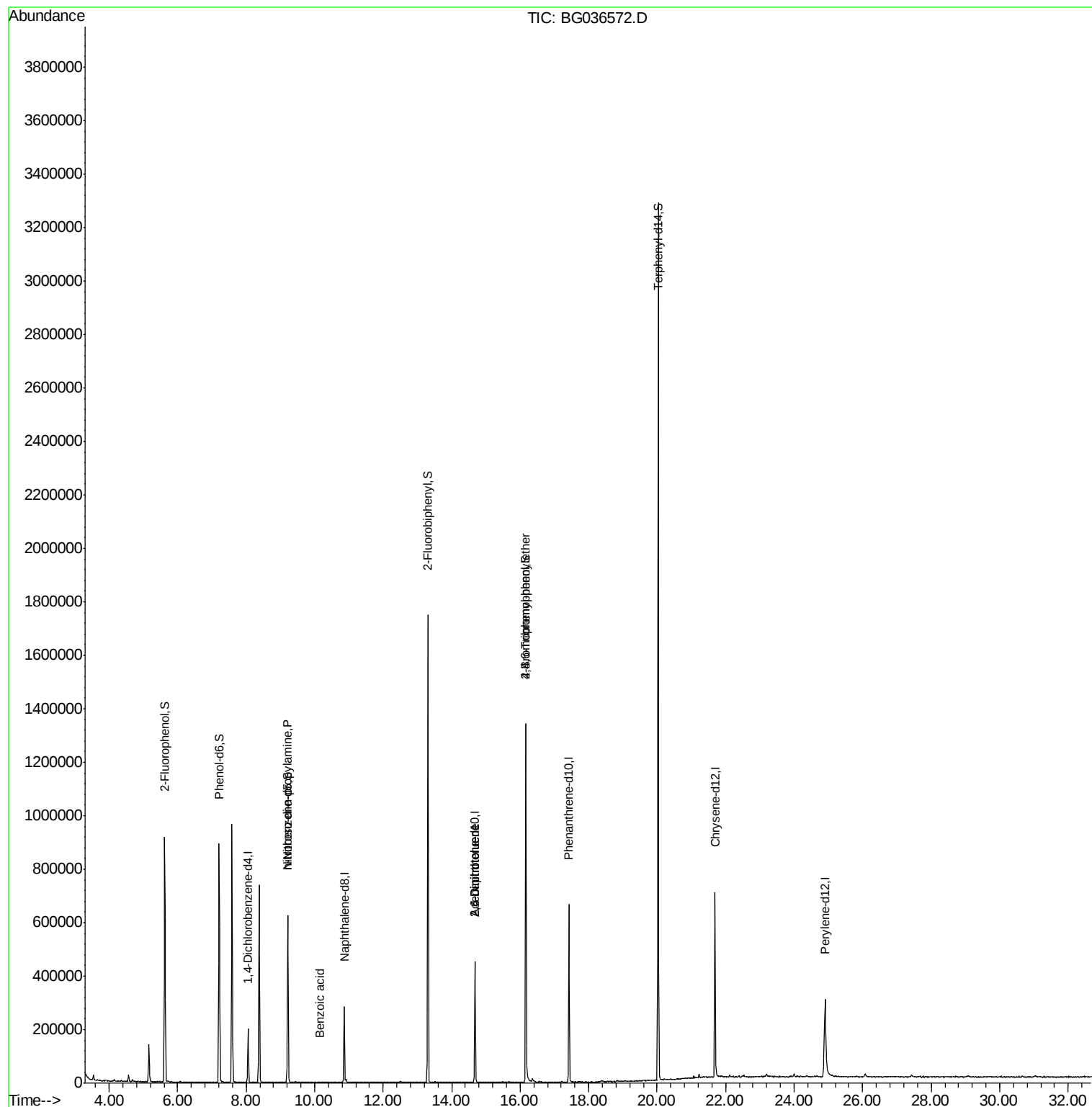
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58724	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240447	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162845	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	416417	20.00	ng	0.00
75) Chrysene-d12	21.69	240	438475	20.00	ng	0.00
86) Perylene-d12	24.90	264	395690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	388823	105.03	ng	0.00
7) Phenol-d6	7.21	99	510092	96.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	384057	86.66	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	253595	130.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	928152	81.38	ng	0.00
78) Terphenyl-d14	20.03	244	1563367	83.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	51751	13.064	ng	# 67
32) Benzoic acid	10.17	122	54	4.498	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	21416	7.827	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	21416	6.005	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	18149	3.723	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036572.D
Acq On : 6 Sep 2018 16:51
Operator : JU/SJ
Sample : J4801-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 06 17:27:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



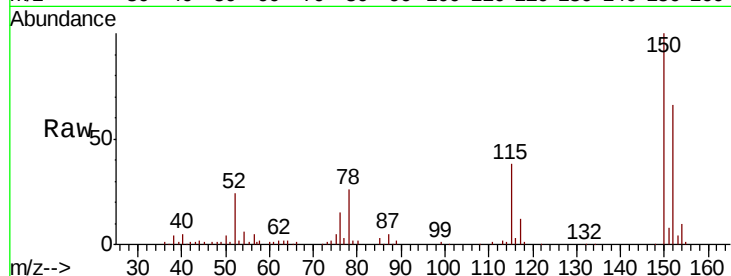


#1

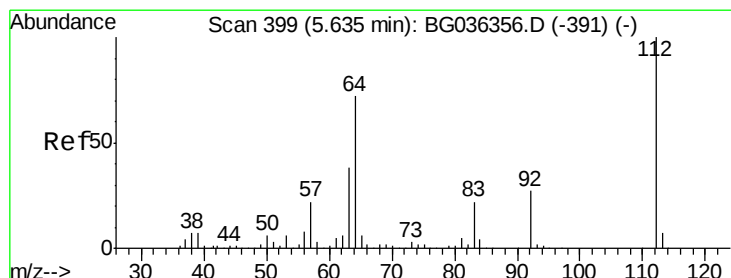
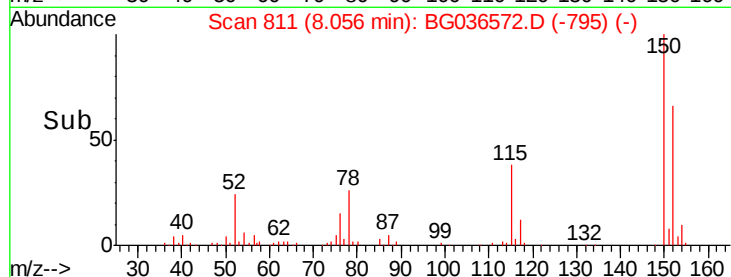
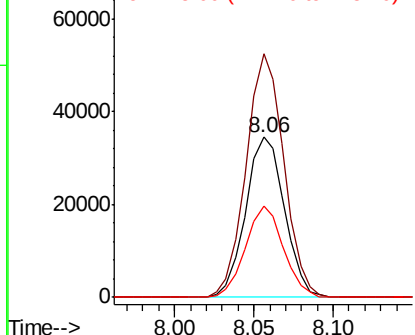
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58724
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 57.1 44.5 66.7



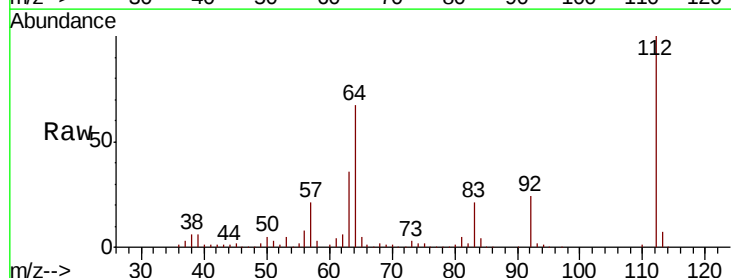
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



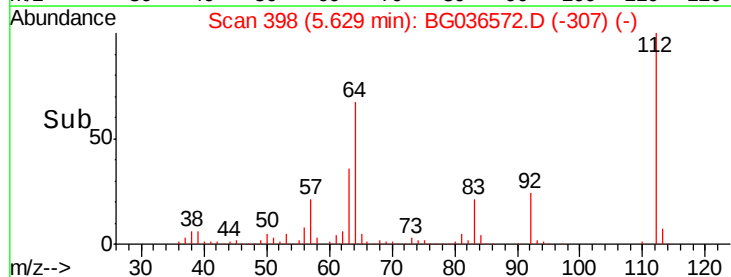
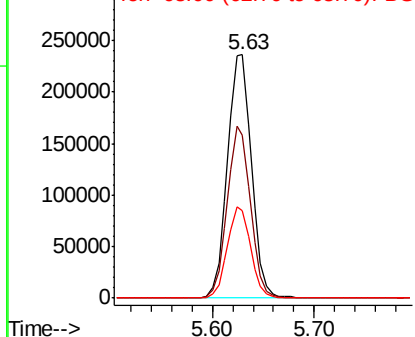
#5

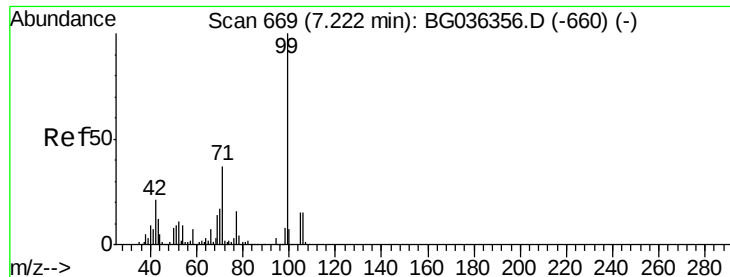
2-Fluorophenol
Concen: 105.032 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Tgt Ion:112 Resp: 388823
Ion Ratio Lower Upper
112 100
64 67.0 57.2 85.8
63 35.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.238 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036572.D

Acq: 6 Sep 2018 16:51

Instrument :

BNA_F

ClientSampleId :

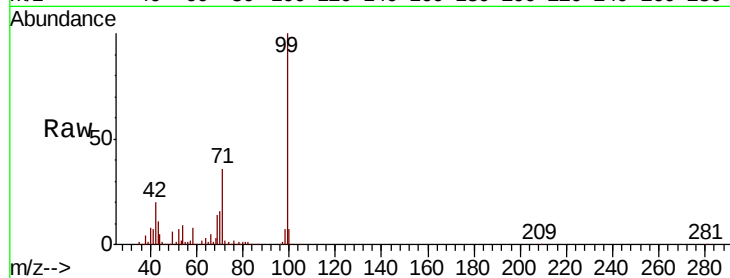
Tot Ion: 99 Resp: 510092

Ion Ratio Lower Upper

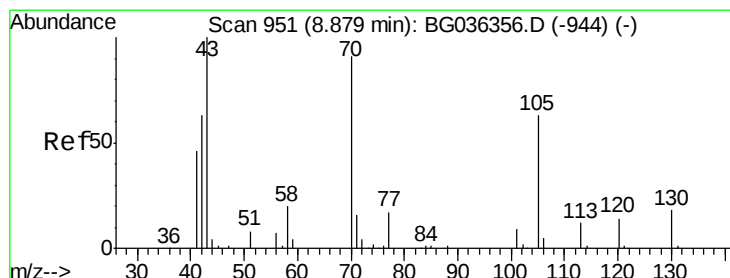
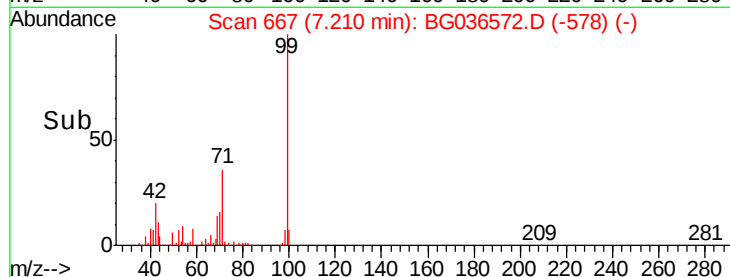
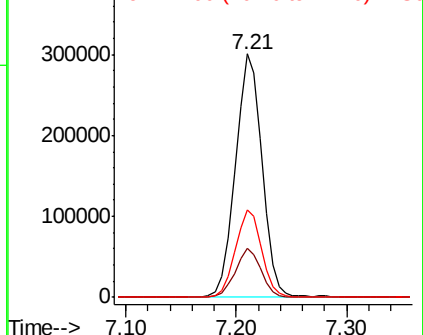
99 100

42 19.9 16.5 24.7

71 35.9 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.064 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036572.D

Acq: 6 Sep 2018 16:51

Tgt Ion: 70 Resp: 51751

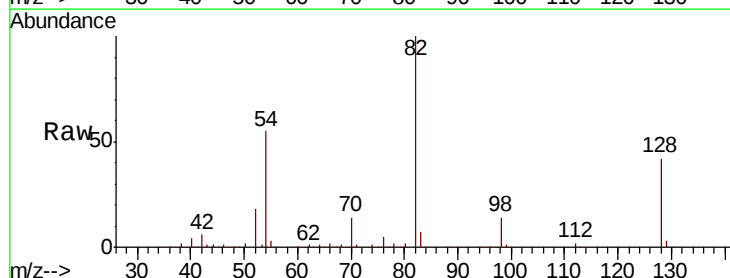
Ion Ratio Lower Upper

70 100

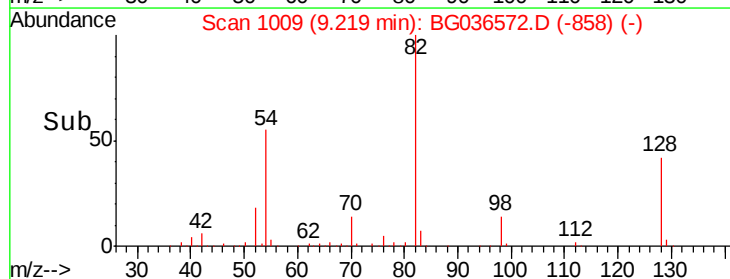
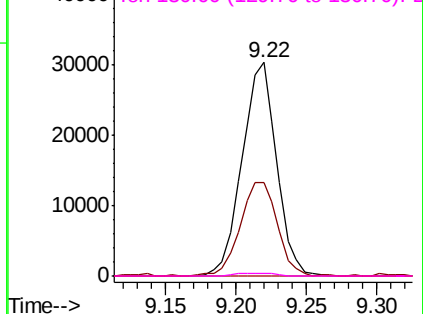
42 44.0 56.2 84.4#

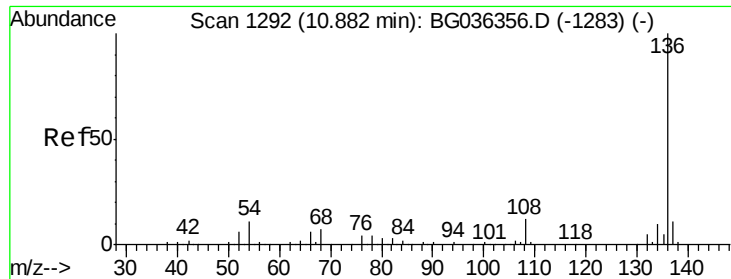
101 0.0 7.8 11.6#

130 1.2 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

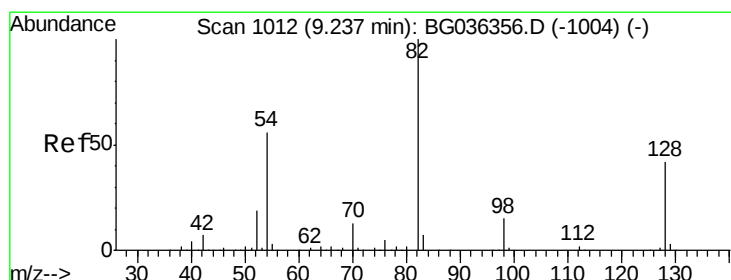
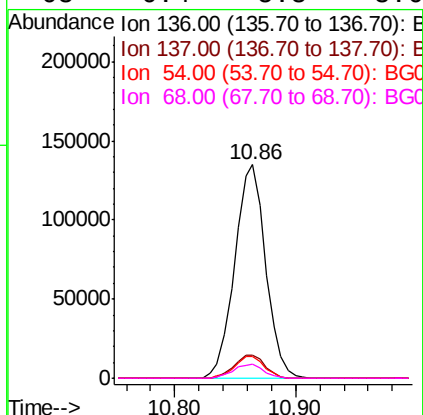
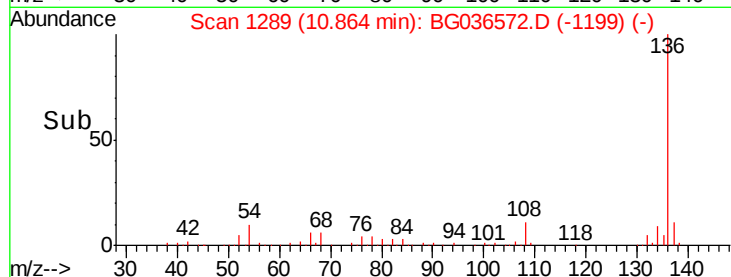
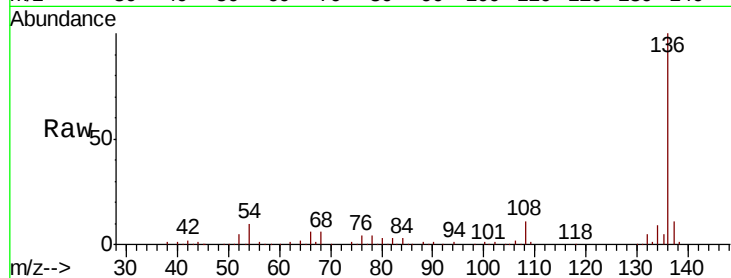




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

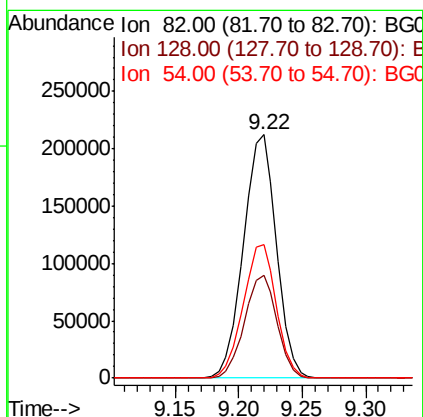
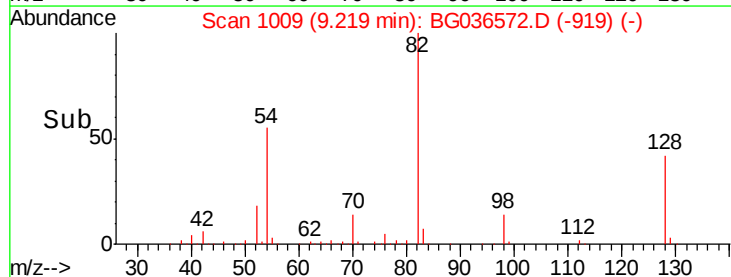
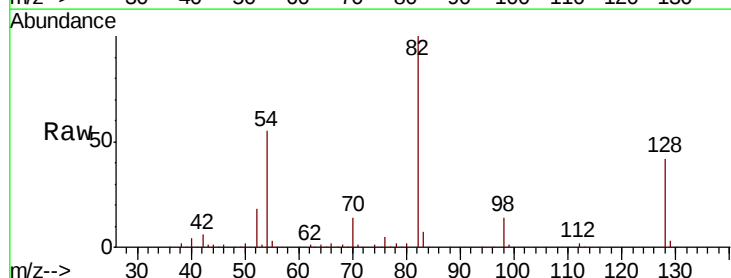
Instrument :
BNA_F
ClientSampleId :

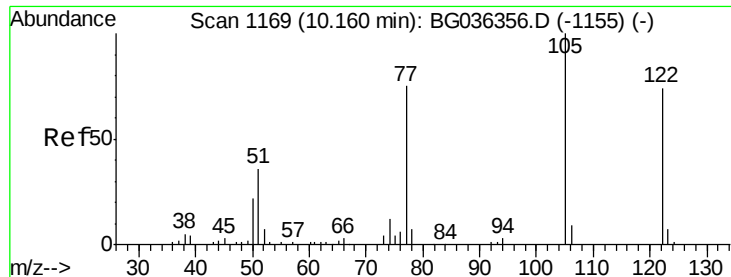
Tot Ion:136	Resp:	240447
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	10.5	9.2 13.8
68	6.4	5.8 8.6



#23
Nitrobenzene-d5
Concen: 86.662 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Tgt Ion: 82	Resp:	384057
Ion	Ratio	Lower Upper
82	100	
128	42.5	33.3 49.9
54	54.8	45.1 67.7

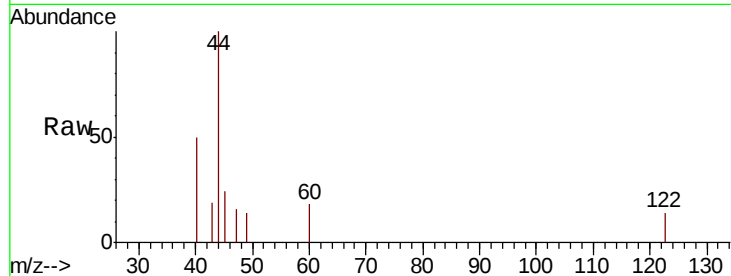




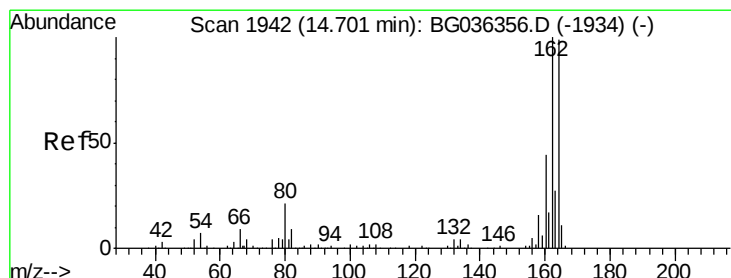
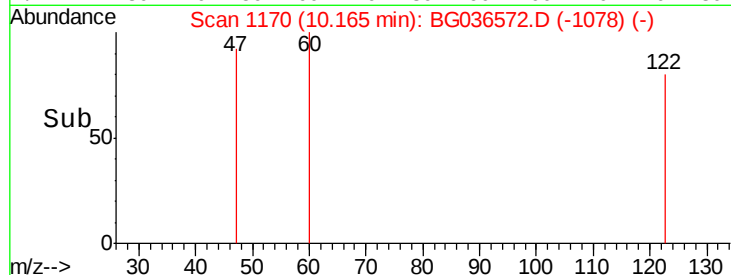
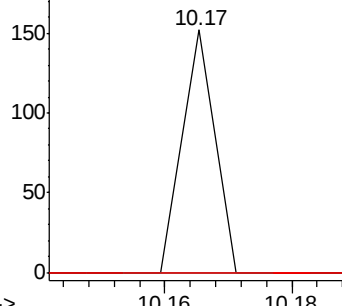
#32
Benzoic acid
Concen: 4.498 ng
RT: 10.17 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#

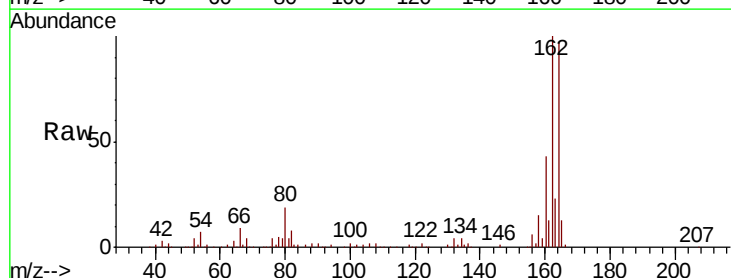


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

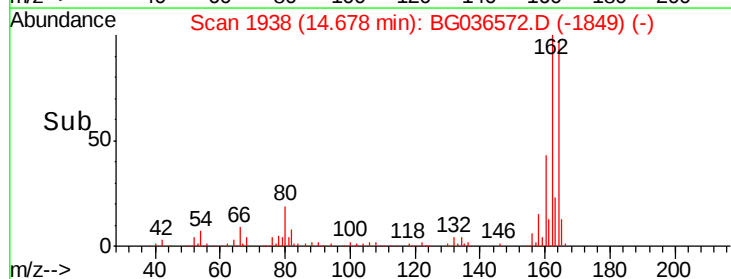
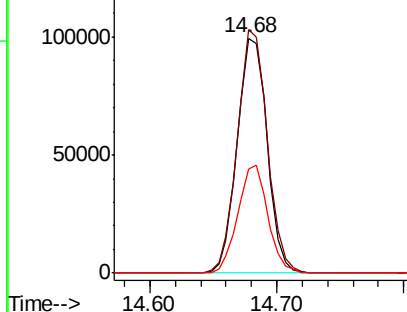


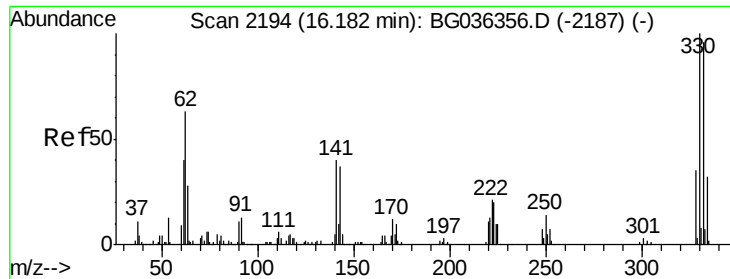
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Tgt Ion:164 Resp: 162845
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 44.3 35.3 52.9



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

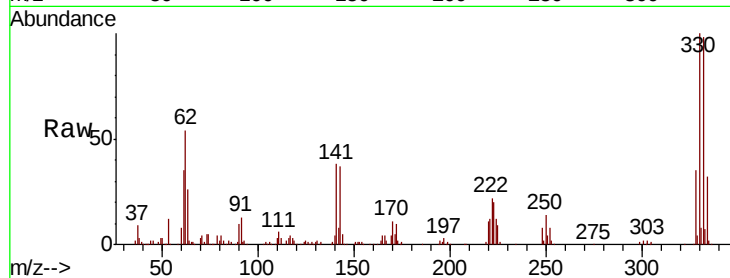




#41
 2,4,6-Tribromophenol
 Concen: 130.510 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	35.7	30.7	46.1

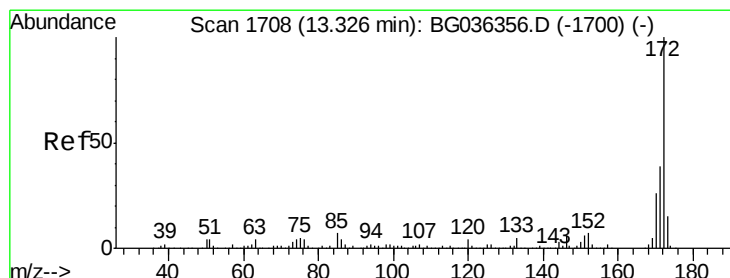
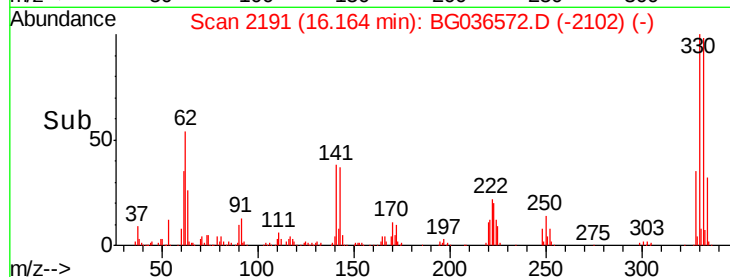
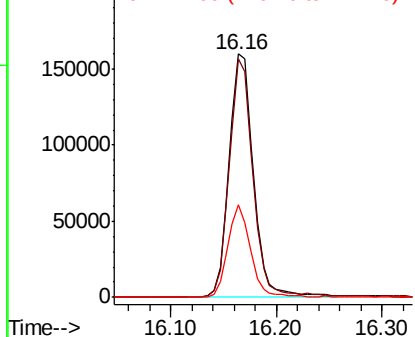


Abundance

Ion 329.80 (329.50 to 330.50): E

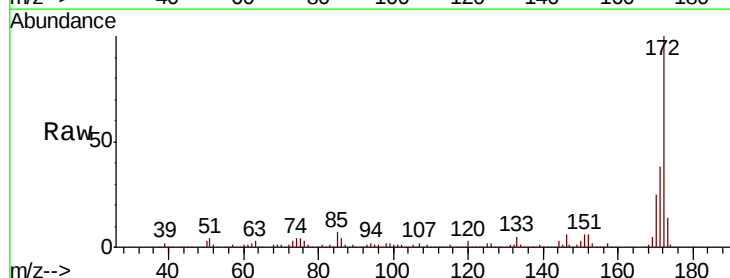
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.380 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.5	21.0	31.6

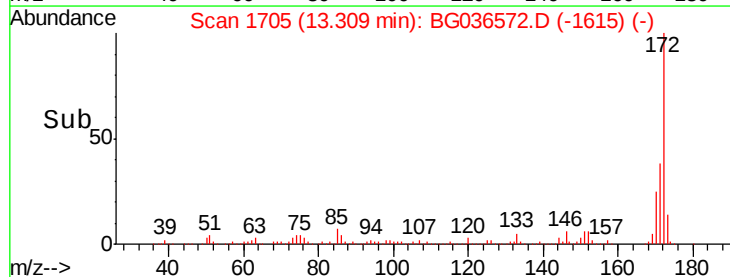
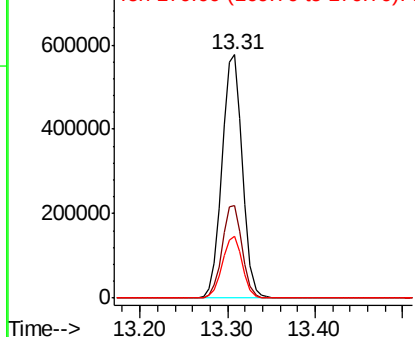


Abundance

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

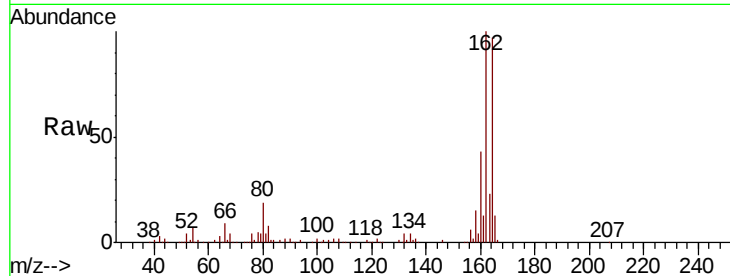




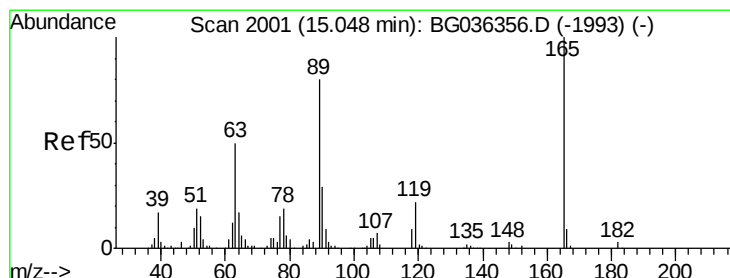
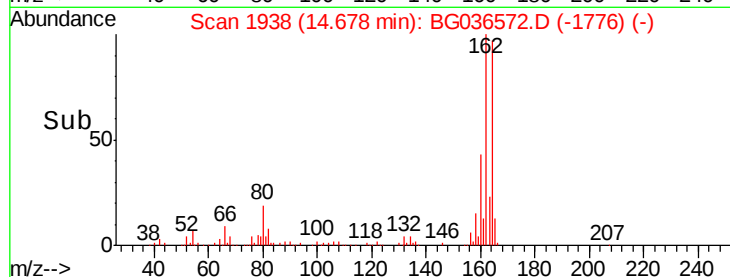
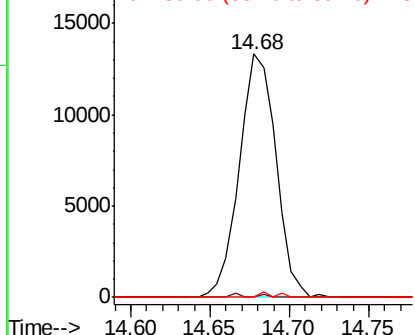
#50
2,6-Dinitrotoluene
Concen: 7.827 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21416
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 47.8 71.6#

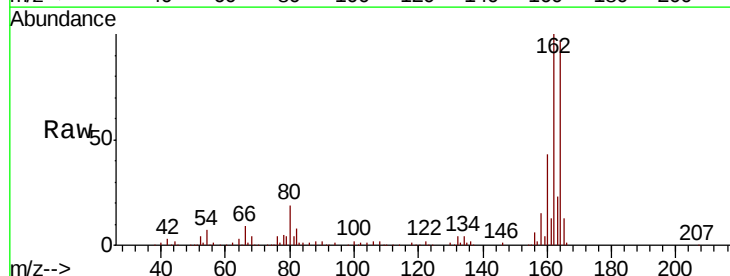


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

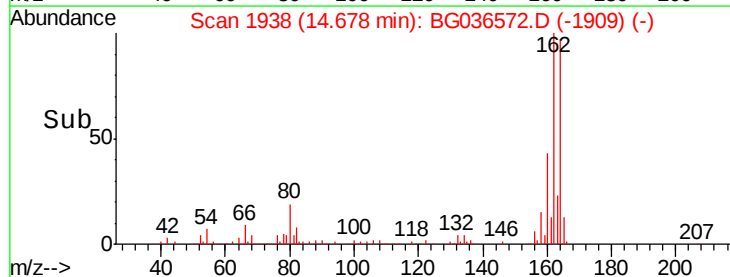
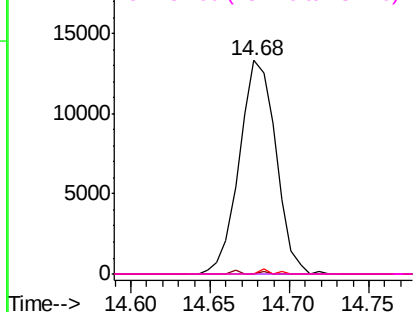


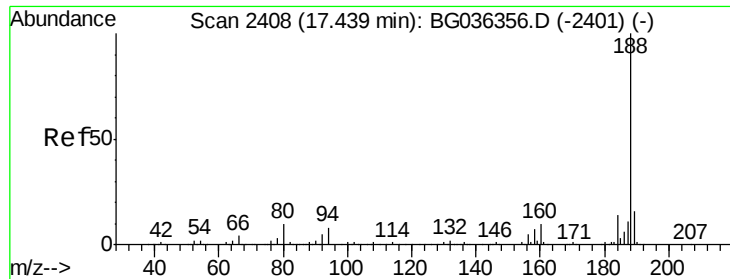
#56
2,4-Dinitrotoluene
Concen: 6.005 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Tgt Ion:165 Resp: 21416
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

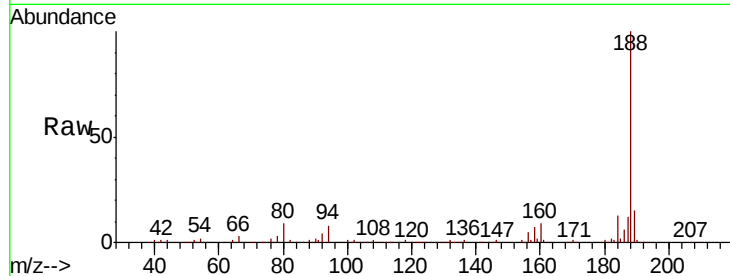




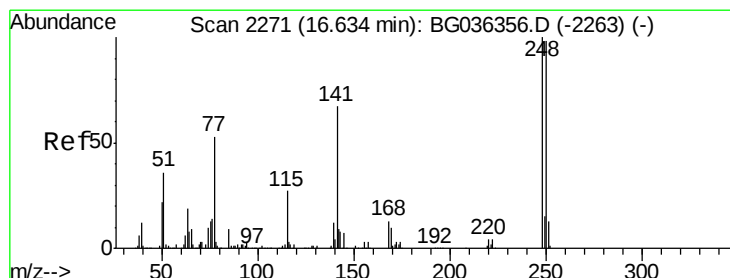
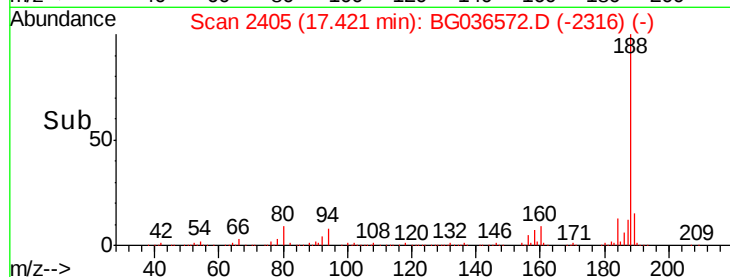
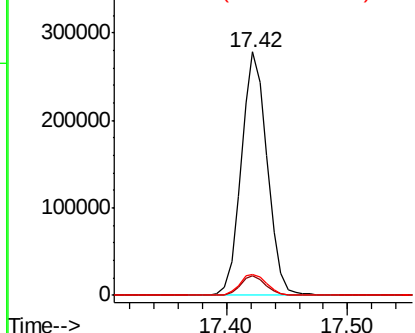
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 416417
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 8.6 8.1 12.1

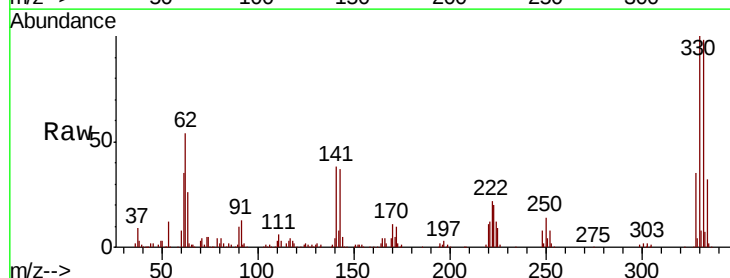


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

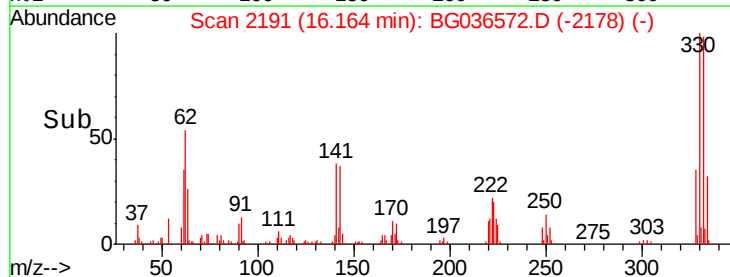
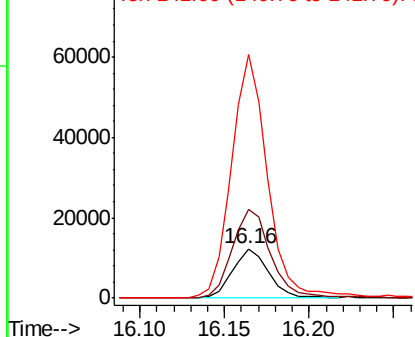


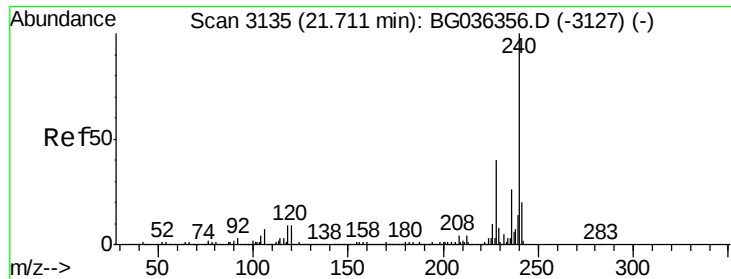
#66
 4-Bromophenyl-phenylether
 Concen: 3.723 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Tgt Ion:248 Resp: 18149
 Ion Ratio Lower Upper
 248 100
 250 179.4 78.1 117.1#
 141 493.5 53.7 80.5#



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: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036572.D

Acq: 6 Sep 2018 16:51

Instrument :

BNA_F

ClientSampleId :

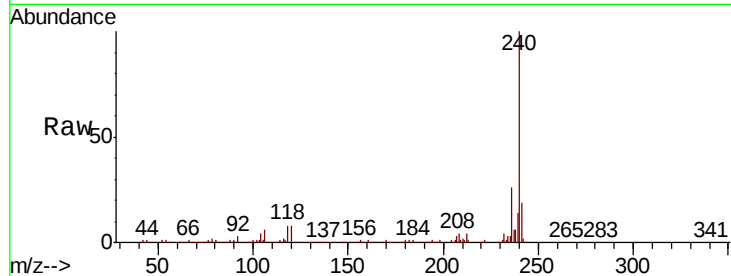
Tot Ion:240 Resp: 438475

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

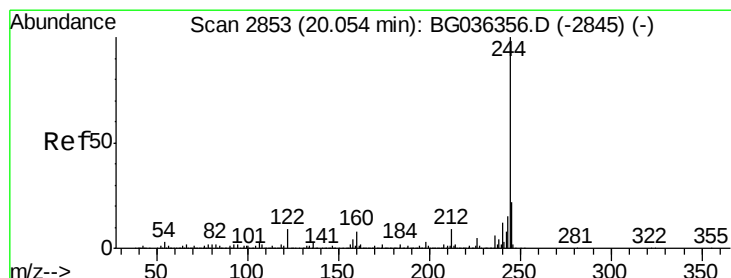
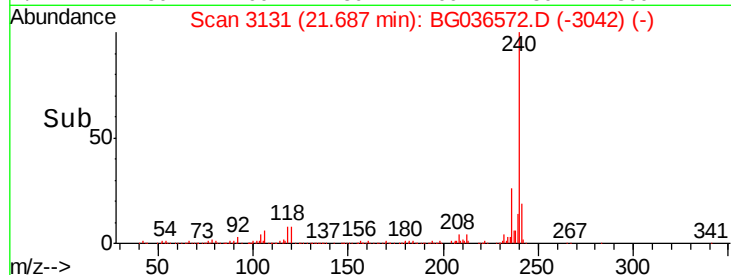
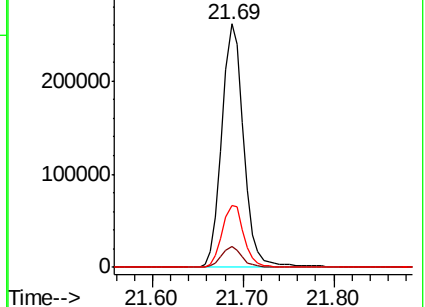
236 25.6 21.2 31.8



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: 83.337 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036572.D

Acq: 6 Sep 2018 16:51

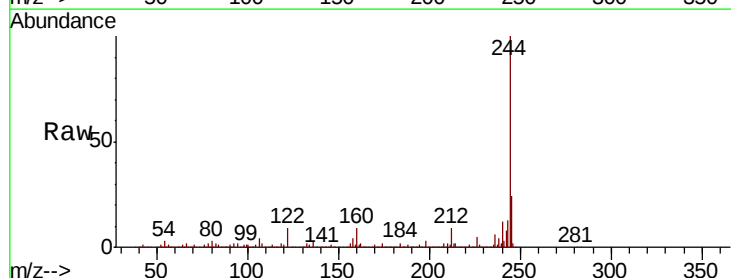
Tgt Ion:244 Resp: 1563367

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

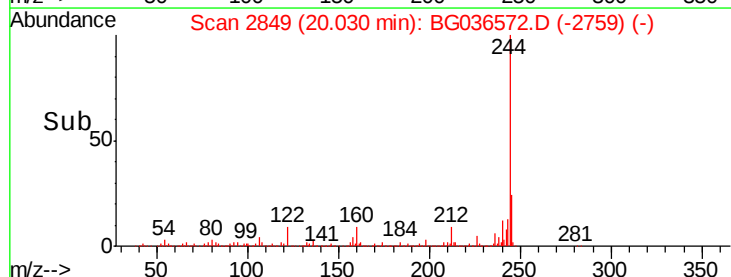
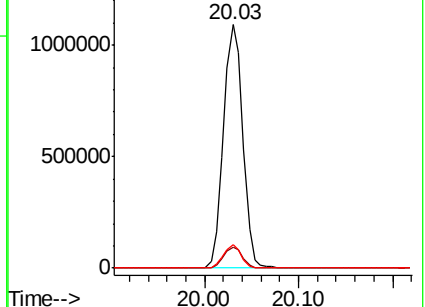
122 9.4 7.1 10.7

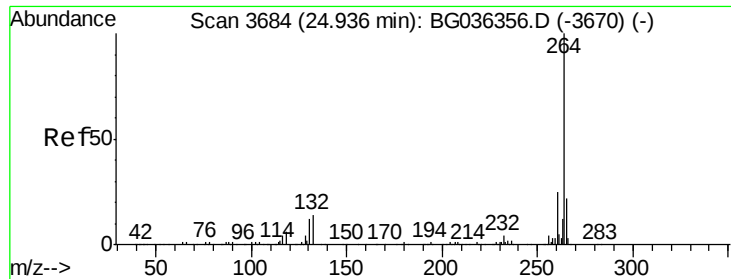


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

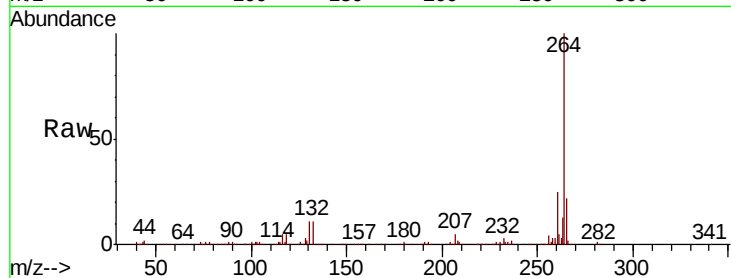




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	22.2	17.4	26.0



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

