

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036138.D
 Acq On : 6 Aug 2018 22:03
 Operator : JU/SJ
 Sample : J4323-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276

Quant Time: Aug 07 01:02:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

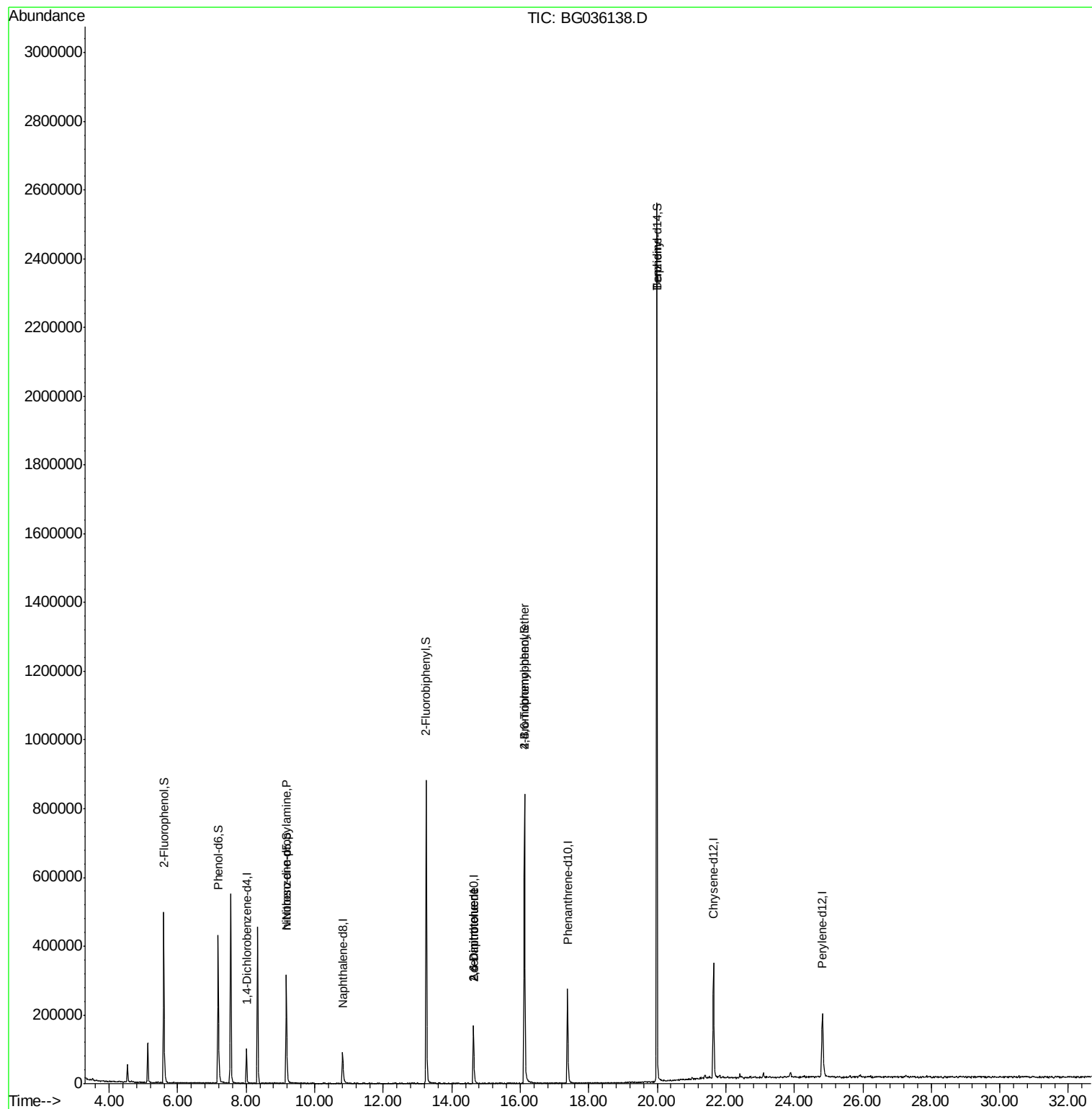
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27880	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	98908	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67136	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	205646	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	248979	20.00	ng	-0.02
86) Perylene-d12	24.83	264	224833	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	229181	136.48	ng	-0.01
7) Phenol-d6	7.18	99	278716	111.24	ng	-0.02
23) Nitrobenzene-d5	9.17	82	234006	98.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	176818	199.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	541756	108.11	ng	-0.02
78) Terphenyl-d14	19.99	244	1248752	110.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	33214	15.743	ng	# 63
50) 2,6-Dinitrotoluene	14.63	165	8500	7.096	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8500	4.946	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	14322	6.003	ng	# 1
76) Benzidine	19.99	184	22010	3.363	ng	95

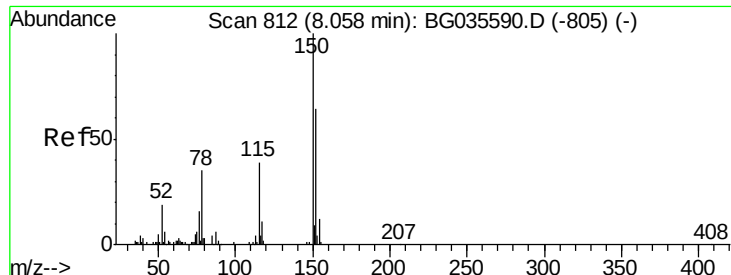
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
Data File : BG036138.D
Acq On : 6 Aug 2018 22:03
Operator : JU/SJ
Sample : J4323-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ES-RO-276

Quant Time: Aug 07 01:02:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



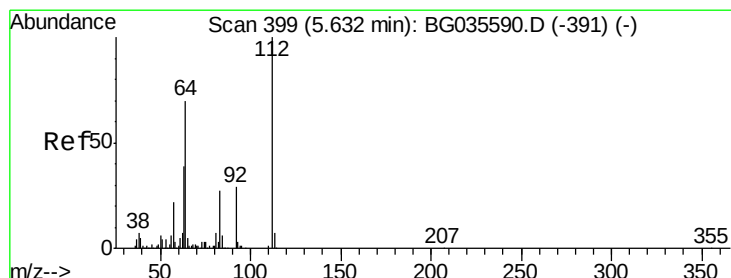
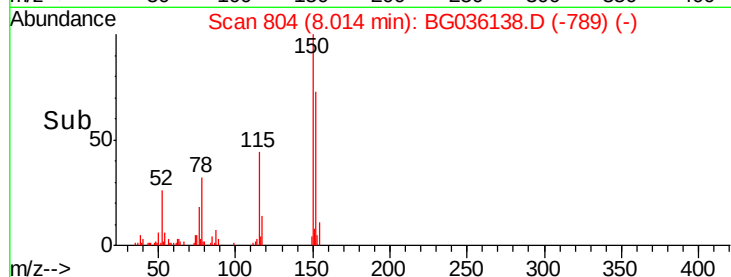
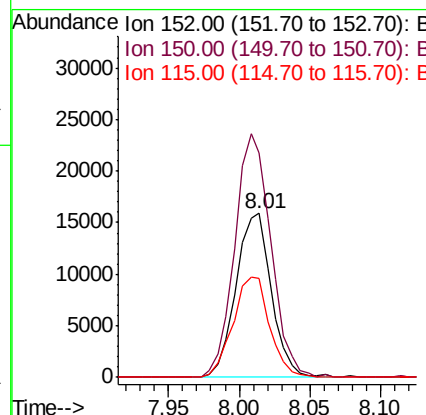
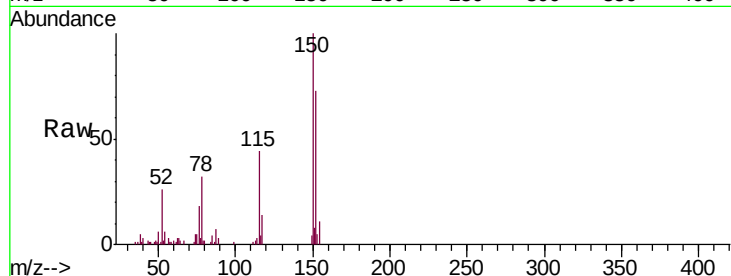


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

Instrument :
BNA_G
ClientSampleId :
ES-RO-276

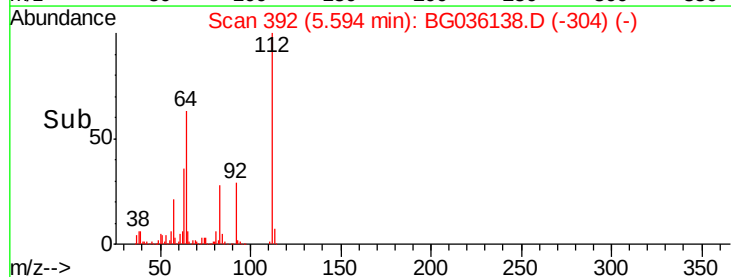
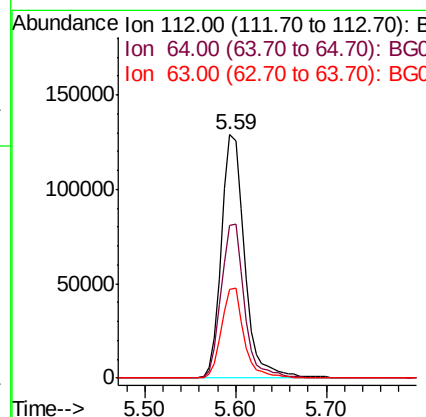
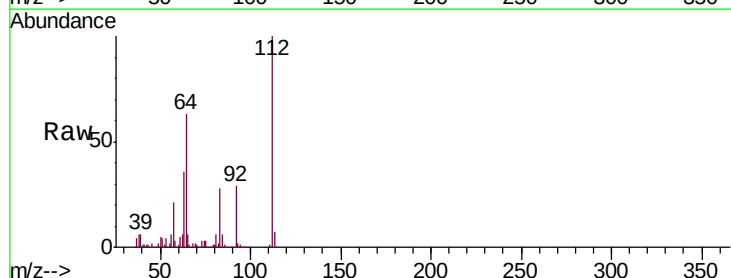
Tgt Ion:152 Resp: 27880
Ion Ratio Lower Upper
152 100
150 136.7 126.6 189.8
115 60.4 53.0 79.4

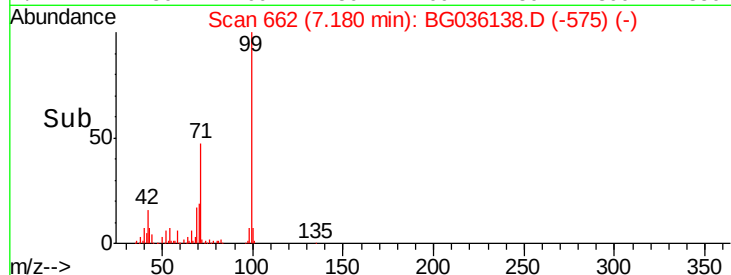
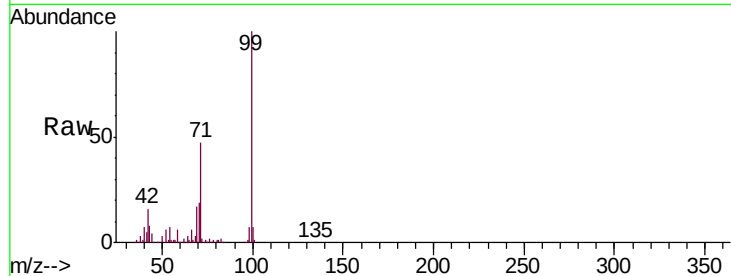
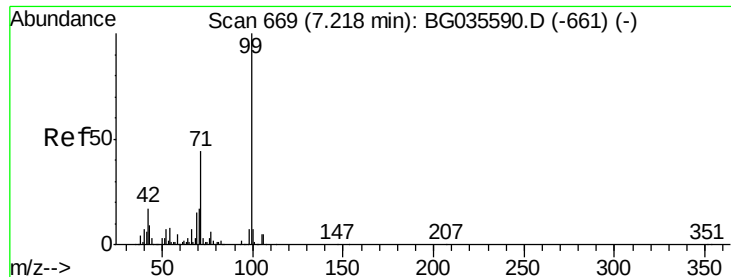


#5

2-Fluorophenol
Concen: 136.476 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

Tgt Ion:112 Resp: 229181
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 111.243 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Instrument :

BNA_G

ClientSampleId :

ES-RO-276

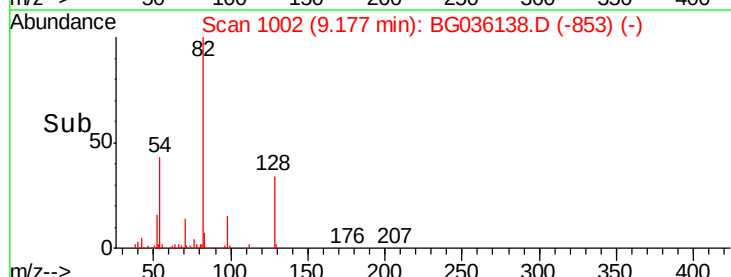
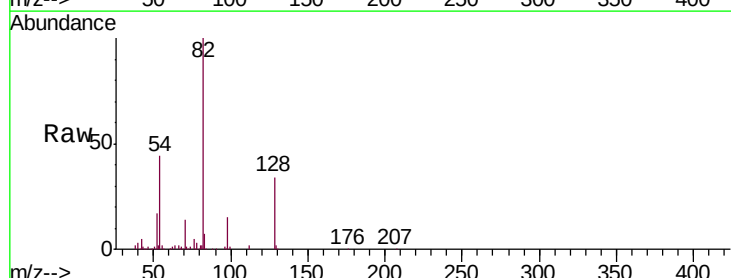
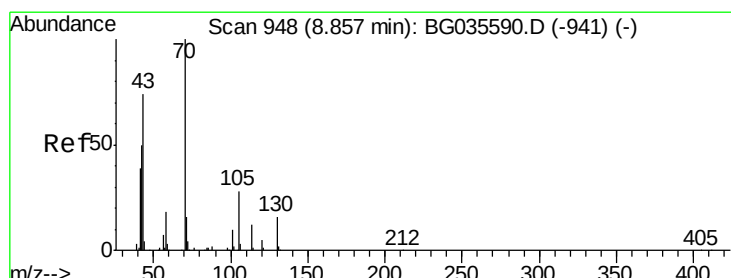
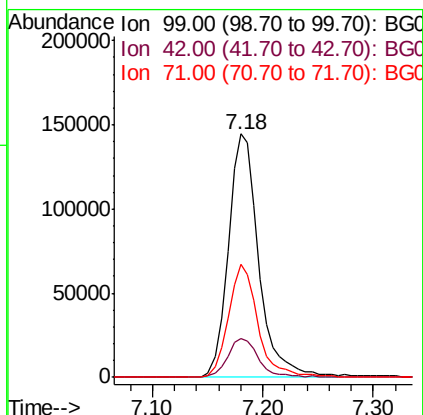
Tgt Ion: 99 Resp: 278716

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 46.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.743 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.35 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Tgt Ion: 70 Resp: 33214

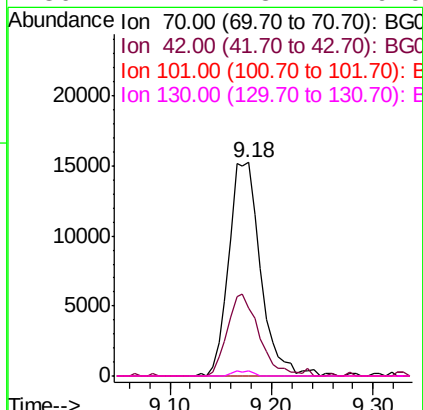
Ion Ratio Lower Upper

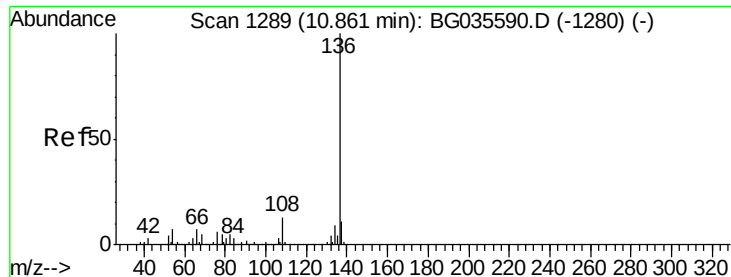
70 100

42 31.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

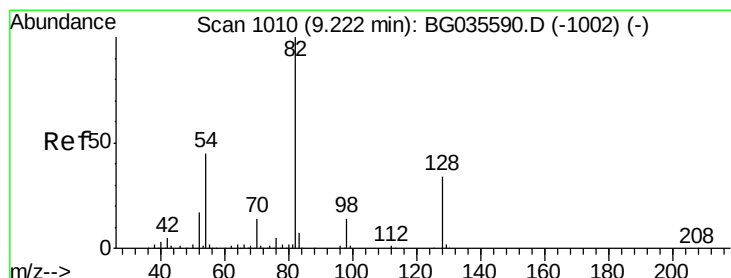
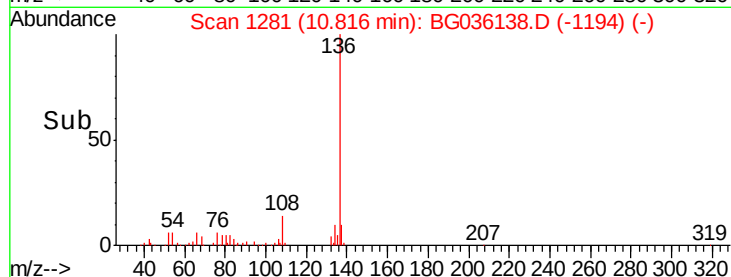
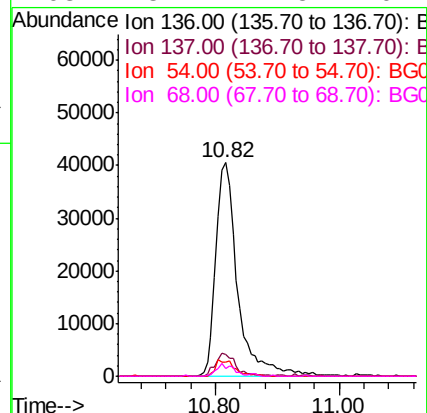
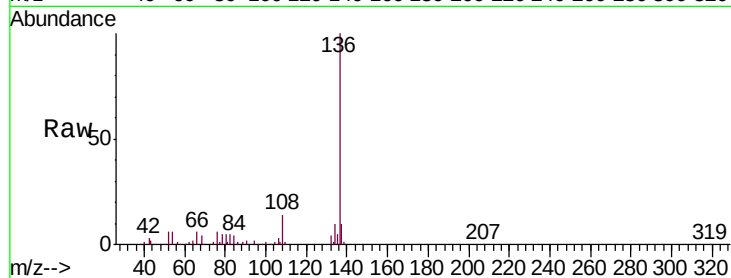




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

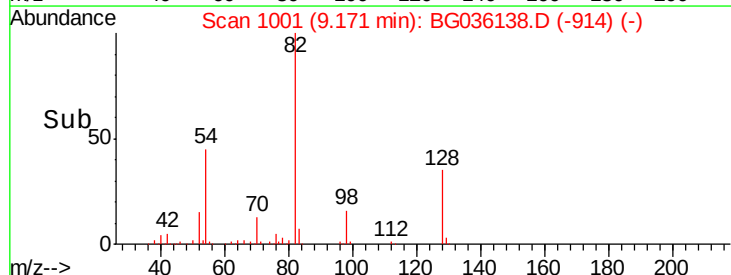
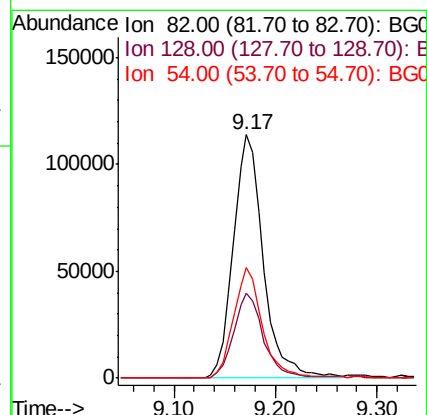
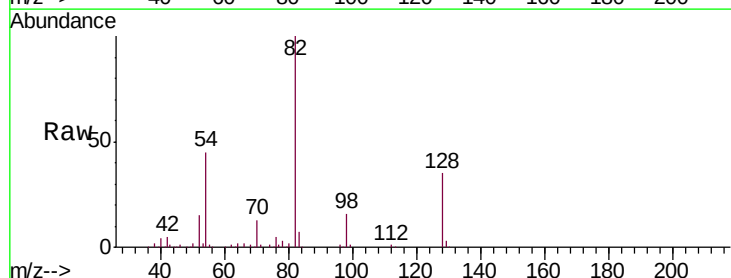
Instrument :
BNA_G
ClientSampleId :
ES-RO-276

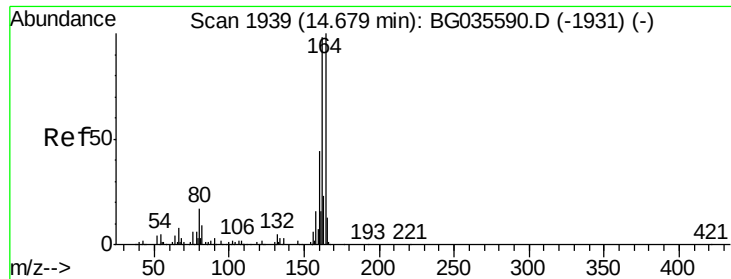
Tgt Ion:	136	Resp:	98908
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.5	10.3	15.5#
68	3.7	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 98.835 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

Tgt Ion:	82	Resp:	234006
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	45.3	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Instrument :

BNA_G

ClientSampleId :

ES-RO-276

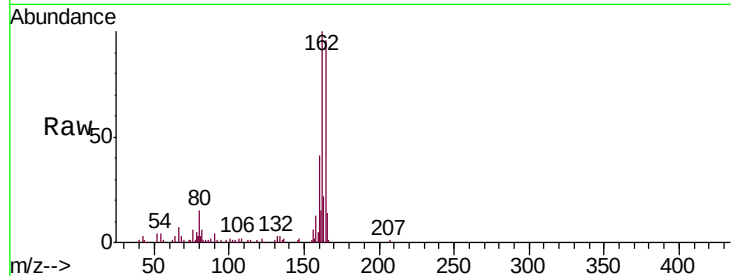
Tgt Ion:164 Resp: 67136

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

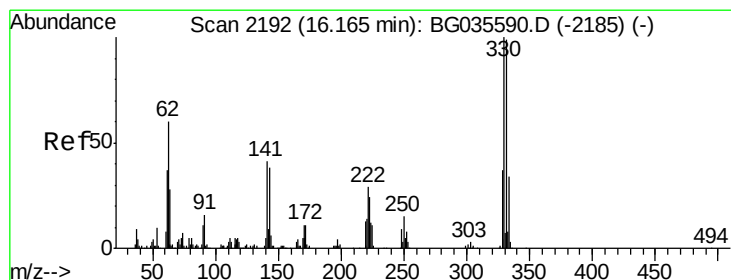
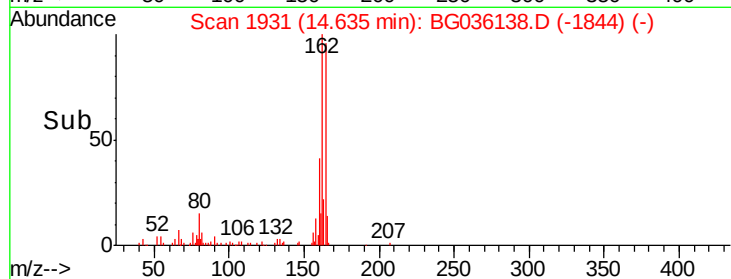
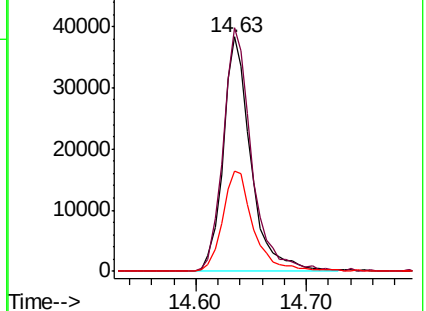
160 42.6 35.4 53.0



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: 199.818 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

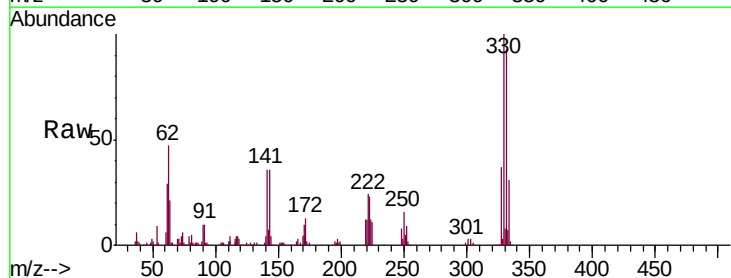
Tgt Ion:330 Resp: 176818

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

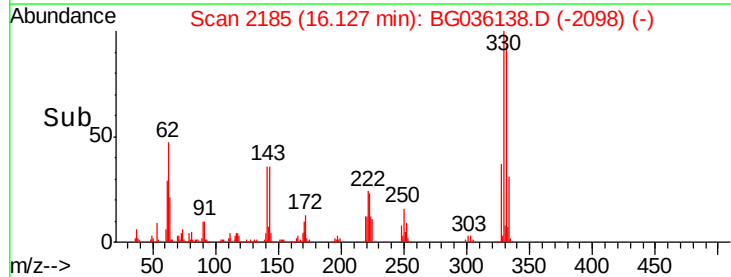
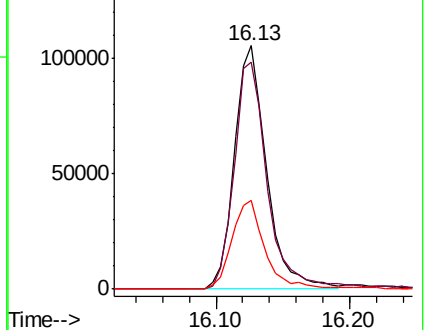
141 37.6 25.2 37.8

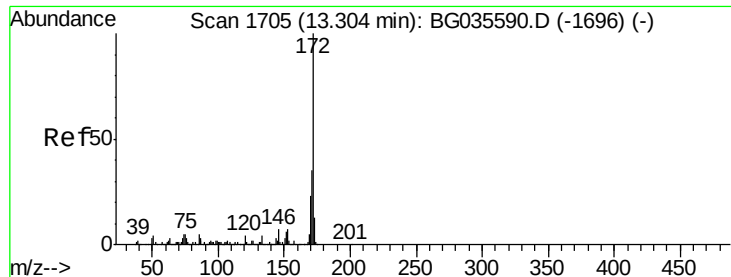


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 108.111 ng

RT: 13.26 min Scan# 1697

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Instrument :

BNA_G

ClientSampleId :

ES-RO-276

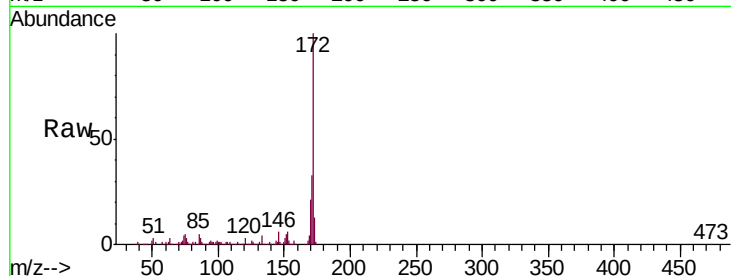
Tgt Ion:172 Resp: 541756

Ion Ratio Lower Upper

172 100

171 32.9 30.0 45.0

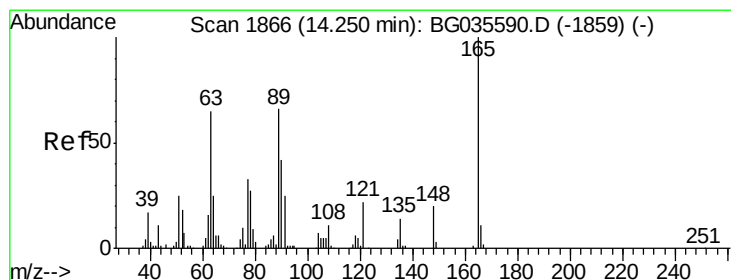
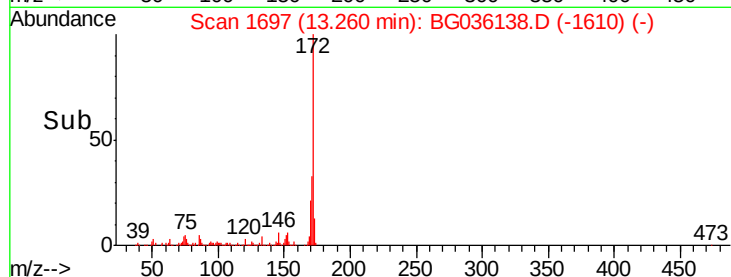
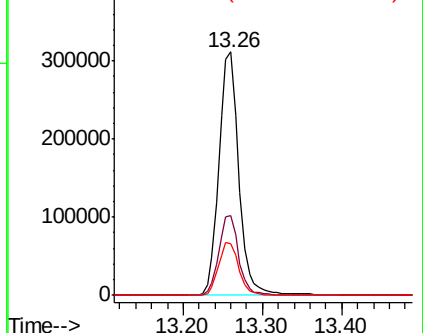
170 21.4 19.5 29.3



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: 7.096 ng

RT: 14.63 min Scan# 1931

Delta R.T. 0.41 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

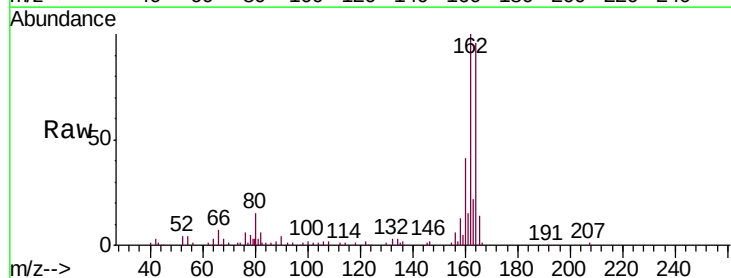
Tgt Ion:165 Resp: 8500

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

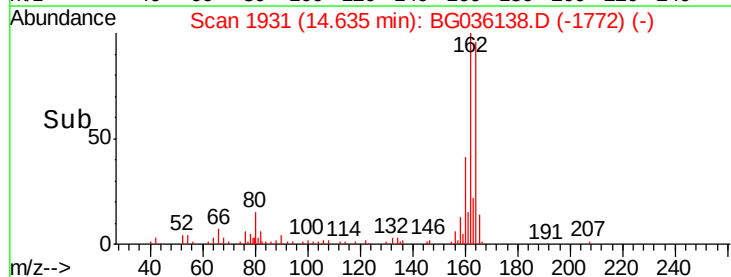
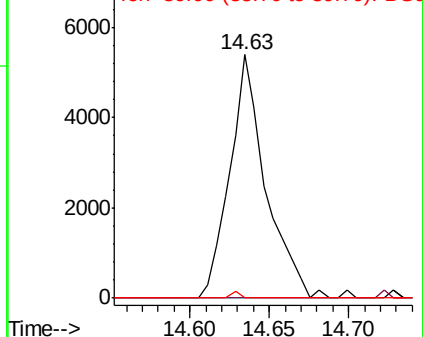
89 0.0 49.2 73.8#

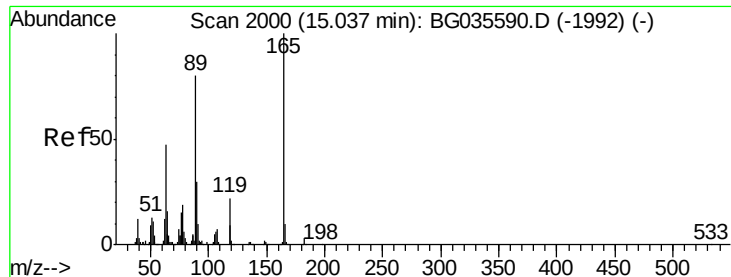


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

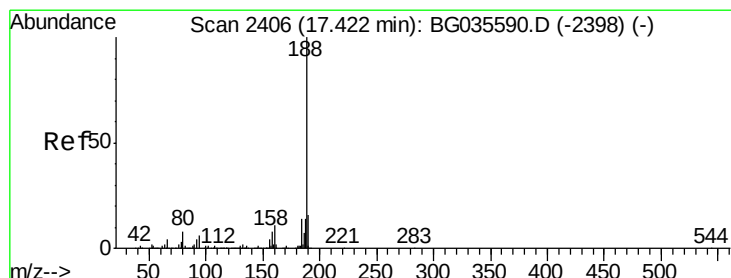
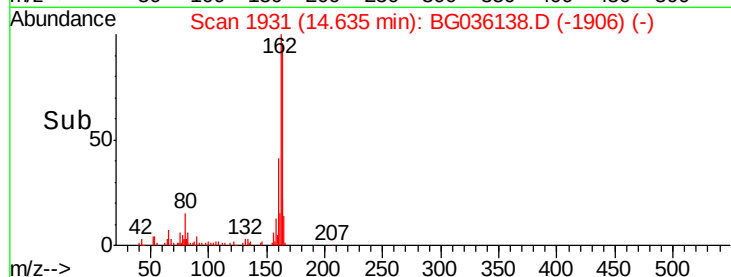
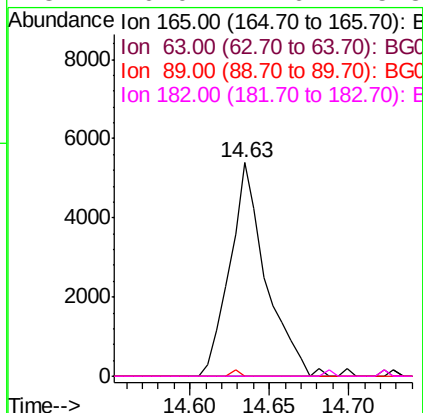
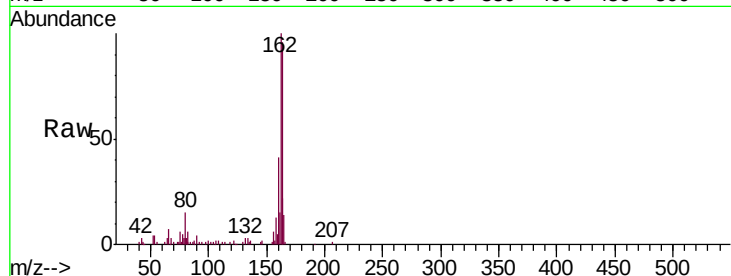




#56
 2,4-Dinitrotoluene
 Concen: 4.946 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

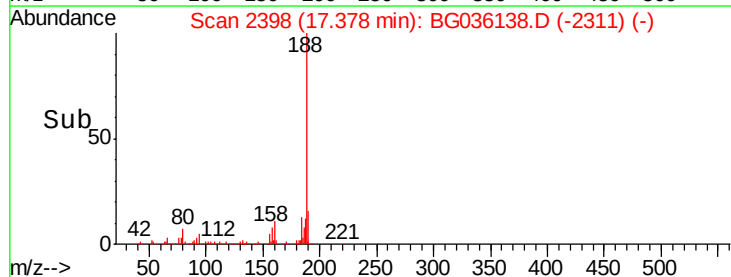
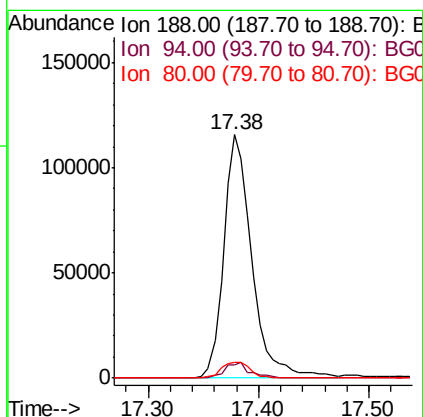
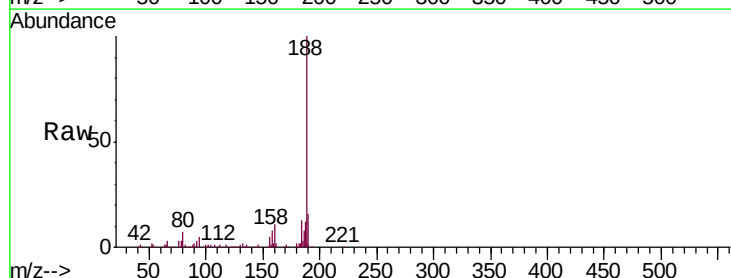
Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276

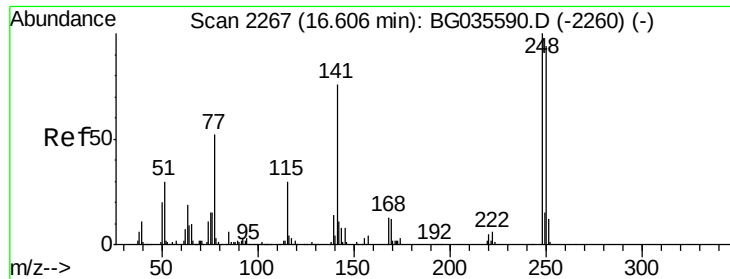
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.6	7.7	11.5#

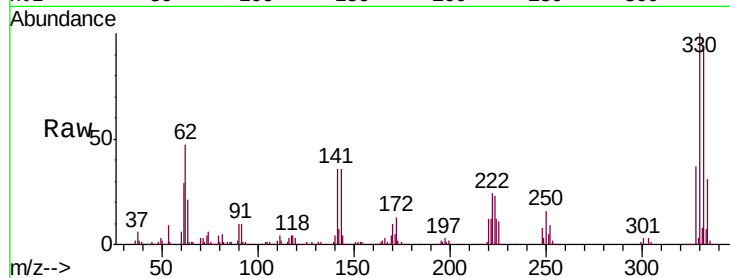




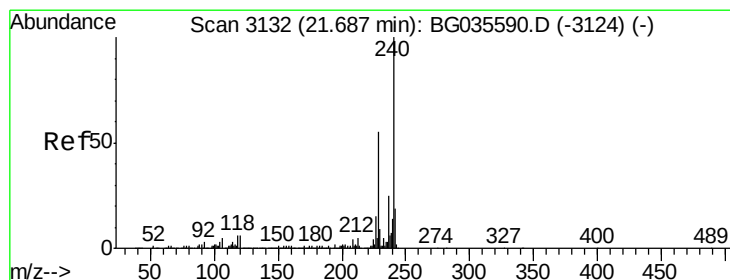
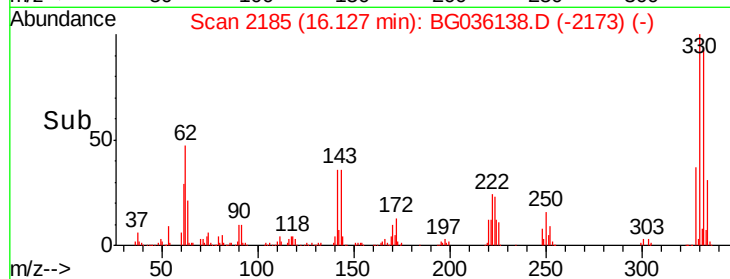
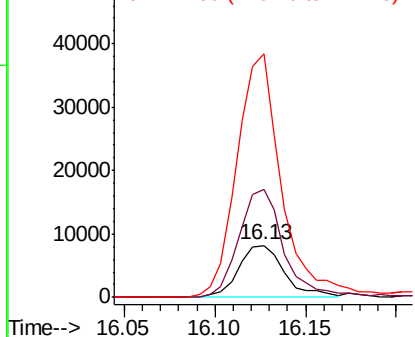
#66
 4-Bromophenyl-phenylether
 Concen: 6.003 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276

Tgt Ion:248 Resp: 14322
 Ion Ratio Lower Upper
 248 100
 250 208.2 77.1 115.7#
 141 467.0 50.8 76.2#

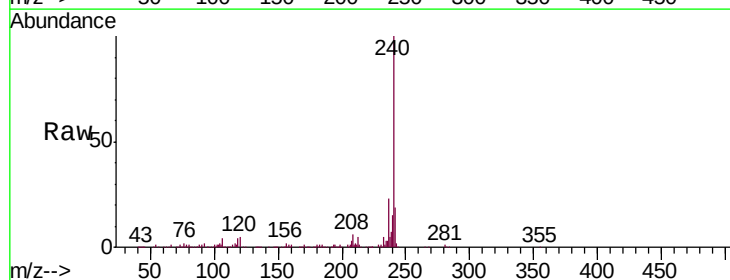


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

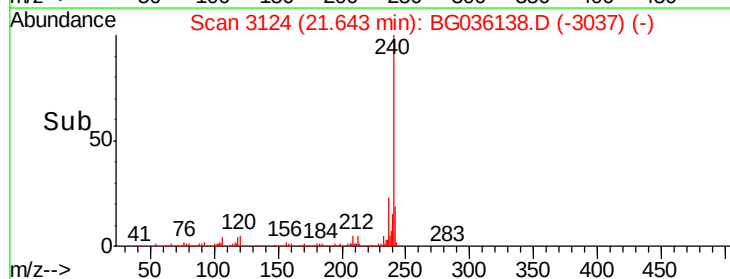
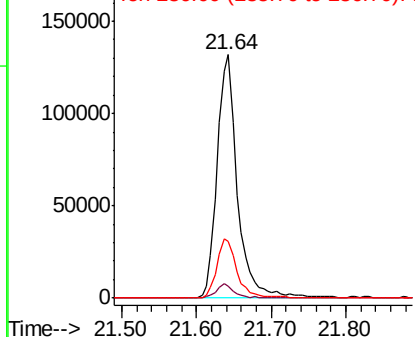


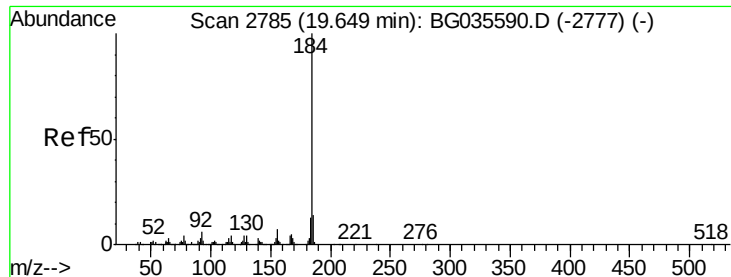
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Tgt Ion:240 Resp: 248979
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 23.2 20.9 31.3



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





#76

Benzidine

Concen: 3.363 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Instrument :

BNA_G

ClientSampleId :

ES-RO-276

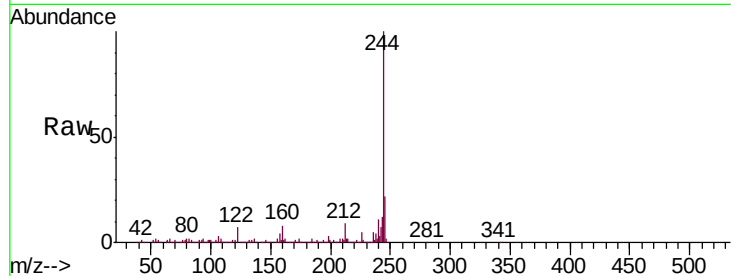
Tgt Ion:184 Resp: 22010

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

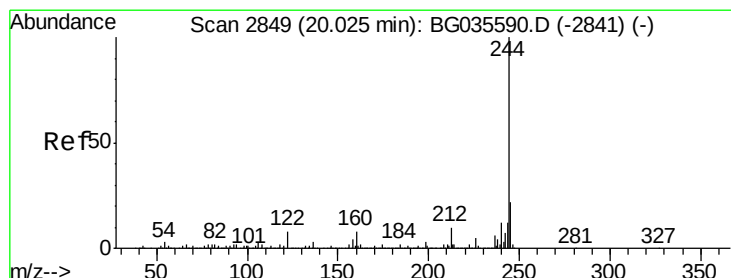
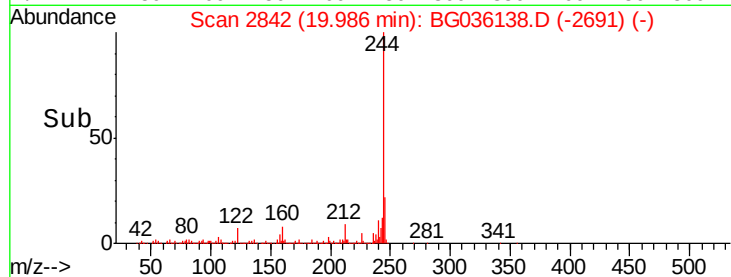
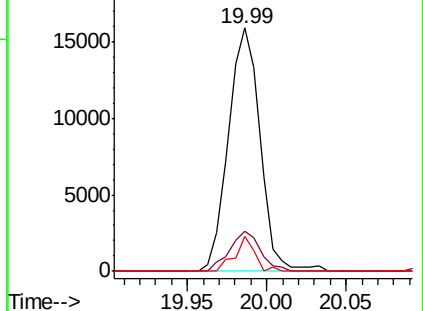
183 14.5 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 110.557 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

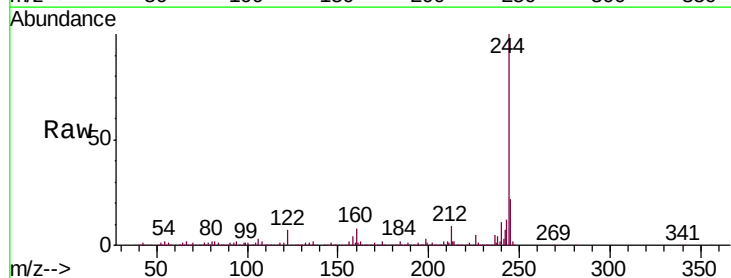
Tgt Ion:244 Resp: 1248752

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

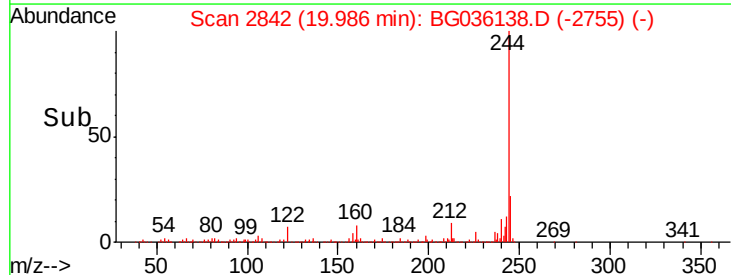
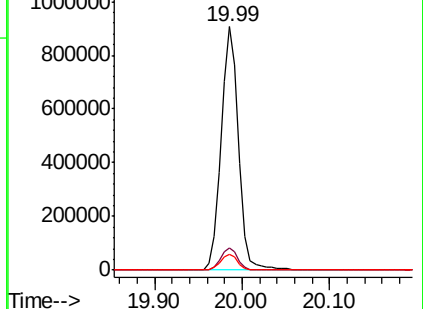
122 6.7 7.0 10.4#

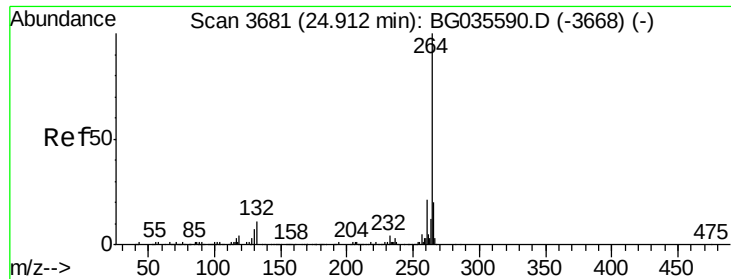


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

Instrument :
BNA_G
ClientSampleId :
ES-RO-276

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	24.7	17.7	26.5

