

Data File : BG036623.D
Acq On : 8 Sep 2018 8:38
Operator : JU/SJ
Sample : J4779-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-A

Quant Time: Sep 10 01:10:17 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	8.05	152	59559	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245952	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167091	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420190	20.00	ng	0.00
75) Chrysene-d12	21.69	240	434555	20.00	ng	0.00
86) Perylene-d12	24.89	264	349973	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	349679	93.13	ng	0.00
7) Phenol-d6	7.21	99	440786	82.00	ng	0.00
23) Nitrobenzene-d5	9.21	82	348611	76.90	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	155096	77.79	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	820175	70.09	ng	0.00
78) Terphenyl-d14	20.03	244	1421647	76.47	ng	0.00

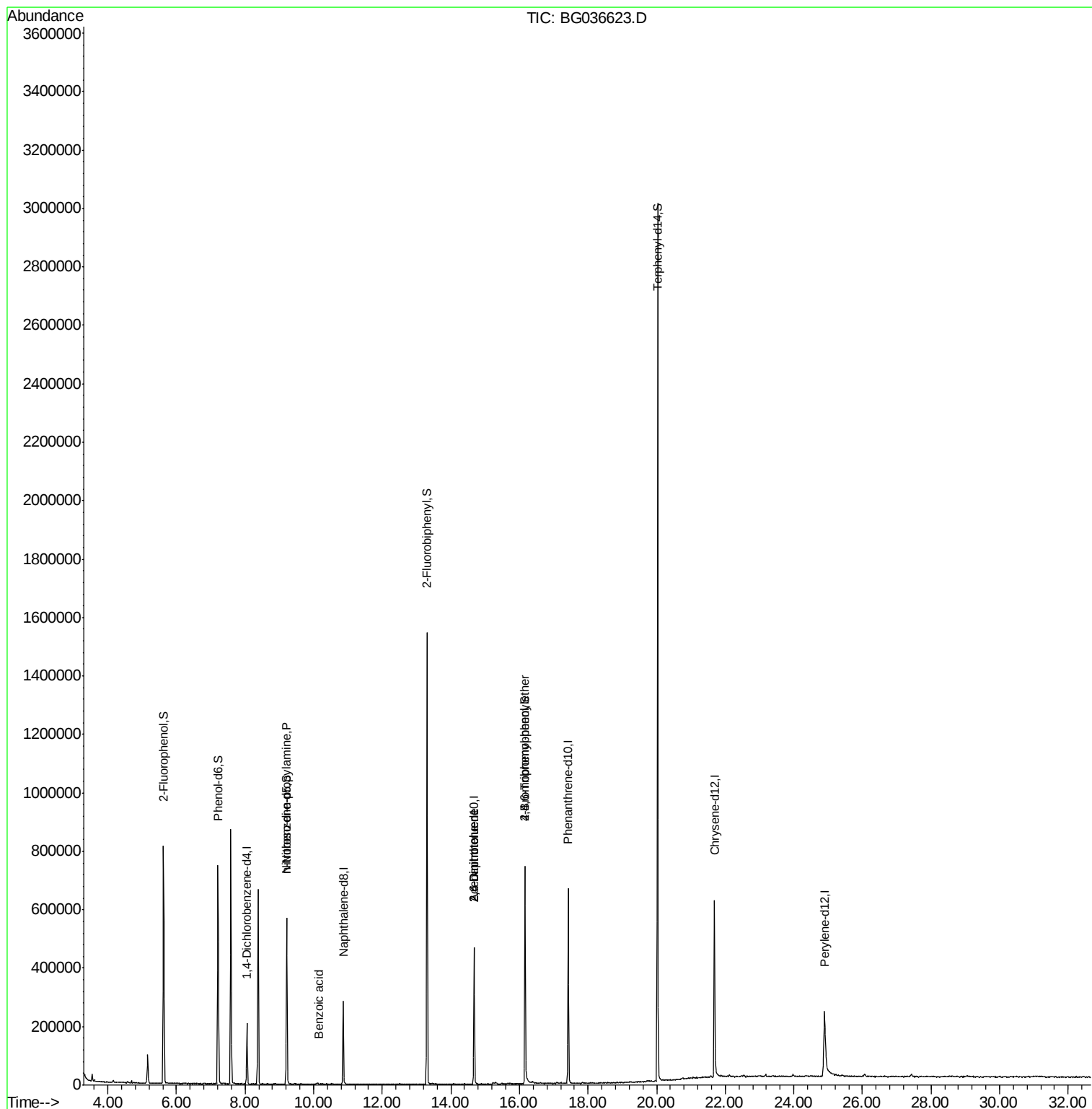
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.22	70	46266	11.516	ng	# 69
32) Benzoic acid	10.15	122	595	4.682	ng	# 93
50) 2,6-Dinitrotoluene	14.68	165	21909	7.804	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	21909	5.988	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	10226	2.079	ng	# 1

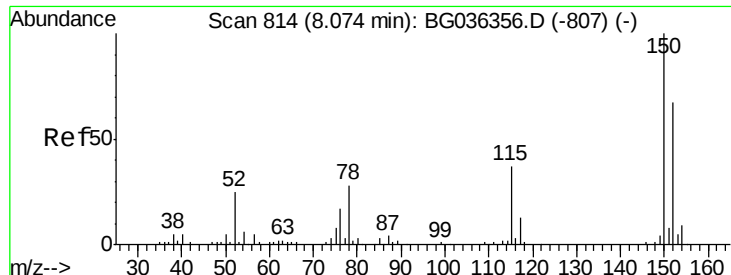
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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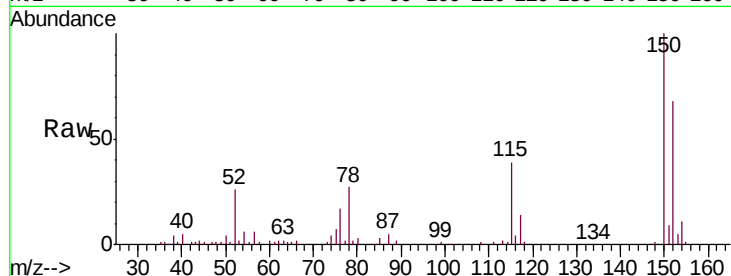


#1

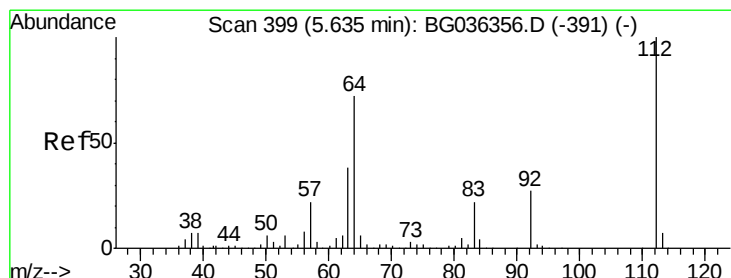
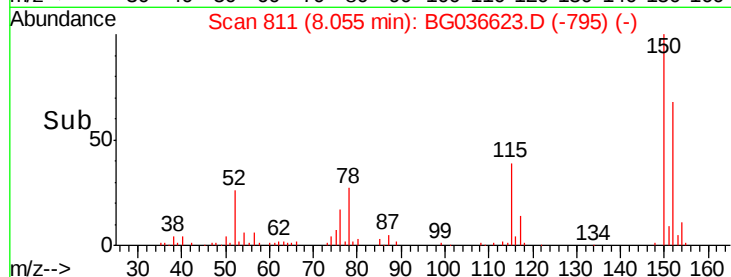
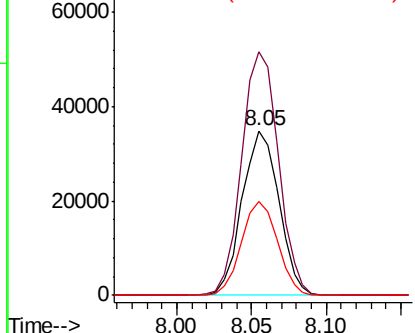
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-A

Tgt Ion:152 Resp: 59559
 Ion Ratio Lower Upper
 152 100
 150 147.8 119.5 179.3
 115 57.3 44.5 66.7



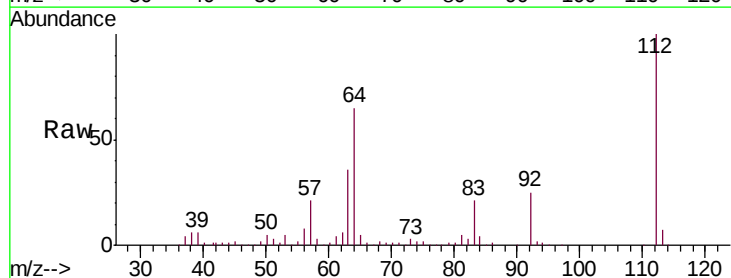
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



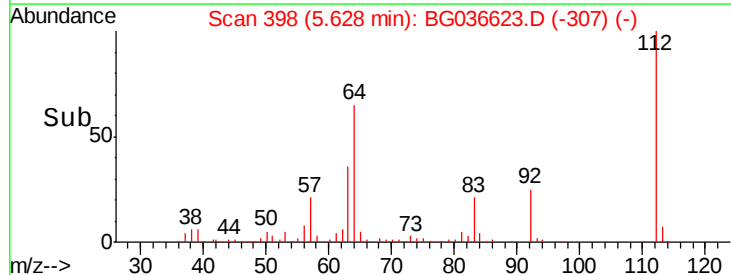
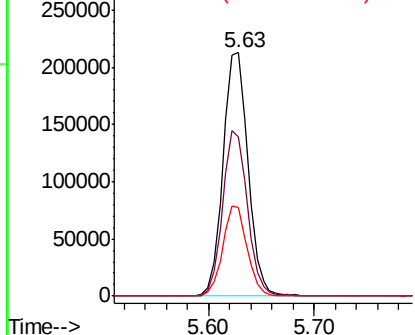
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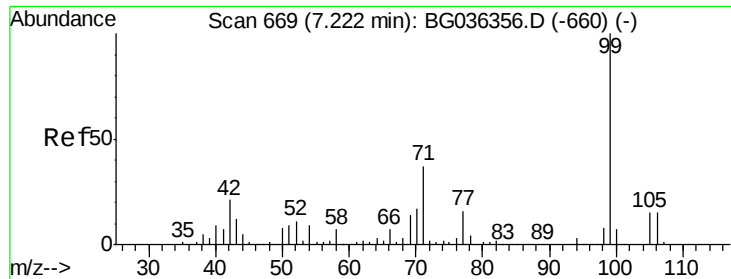
2-Fluorophenol
 Concen: 93.134 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Tgt Ion:112 Resp: 349679
 Ion Ratio Lower Upper
 112 100
 64 65.2 57.2 85.8
 63 36.4 30.8 46.2



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





#7

Phenol-d6

Concen: 81.997 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036623.D

Acq: 8 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-A

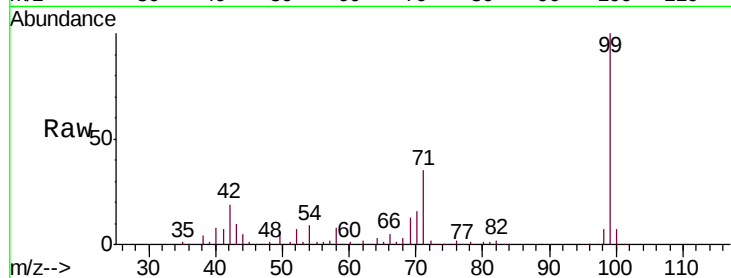
Tgt Ion: 99 Resp: 440786

Ion Ratio Lower Upper

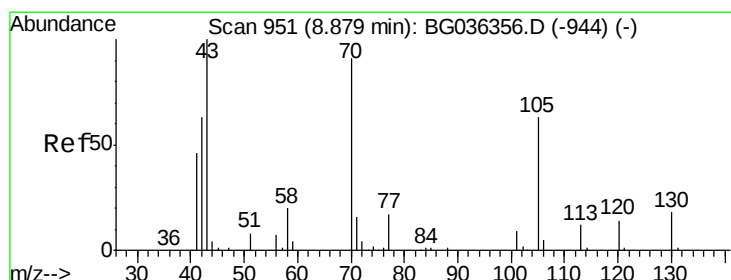
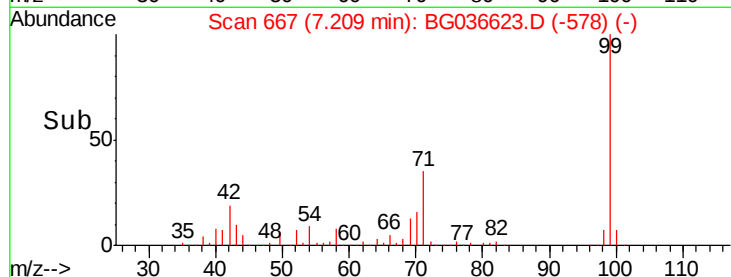
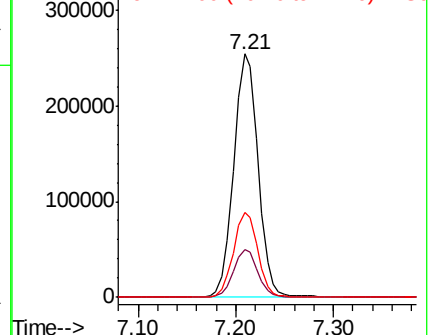
99 100

42 19.4 16.5 24.7

71 34.9 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: 11.516 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036623.D

Acq: 8 Sep 2018 8:38

Tgt Ion: 70 Resp: 46266

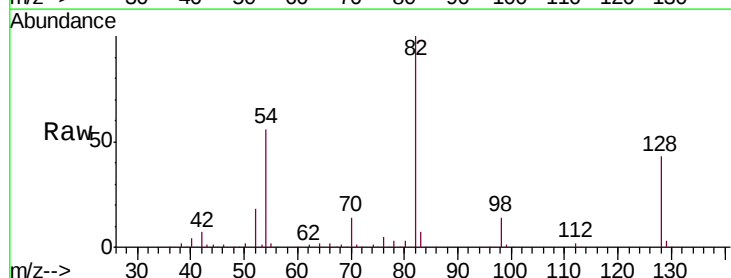
Ion Ratio Lower Upper

70 100

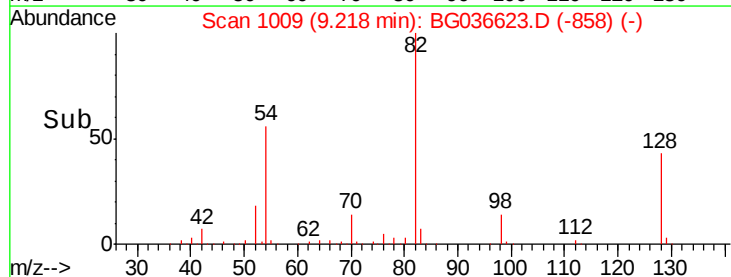
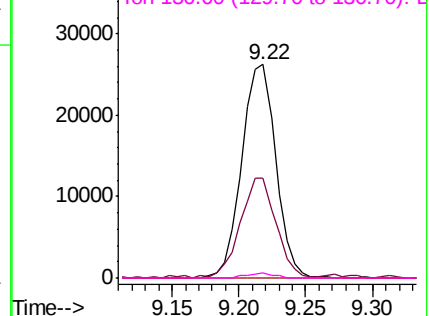
42 46.5 56.2 84.4#

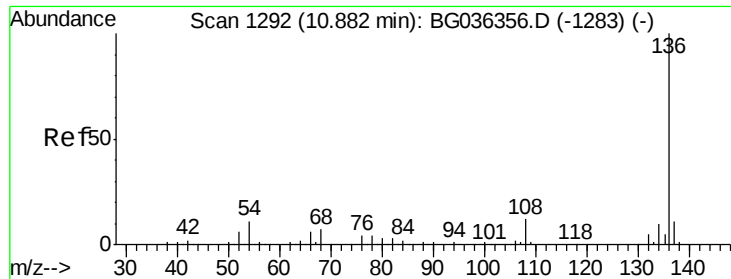
101 0.0 7.8 11.6#

130 2.2 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

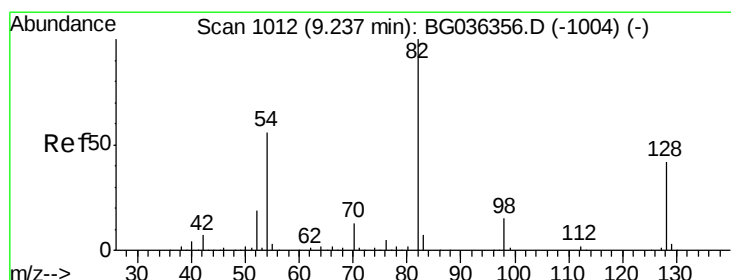
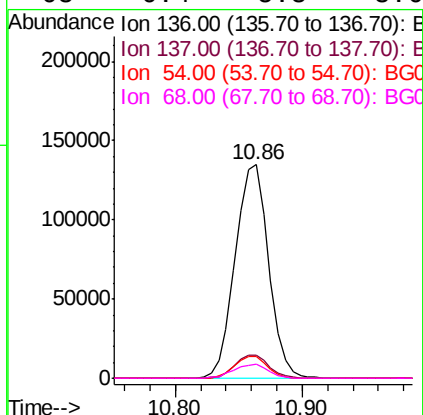
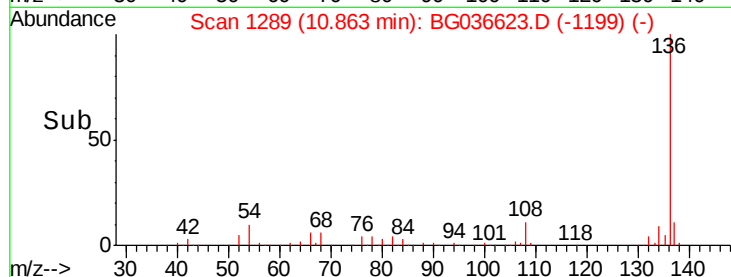
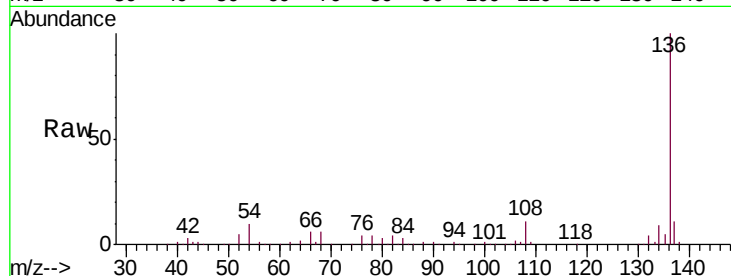




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

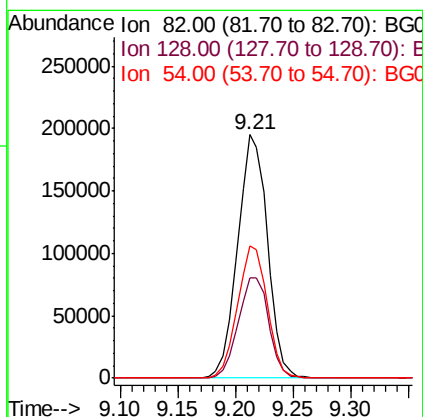
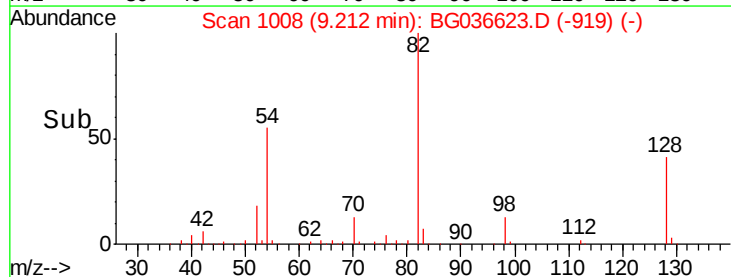
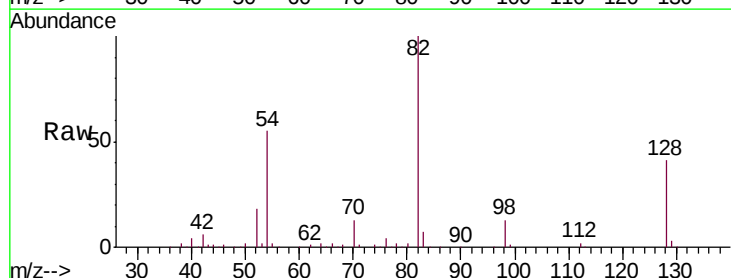
Instrument :
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SU-03-090618-A

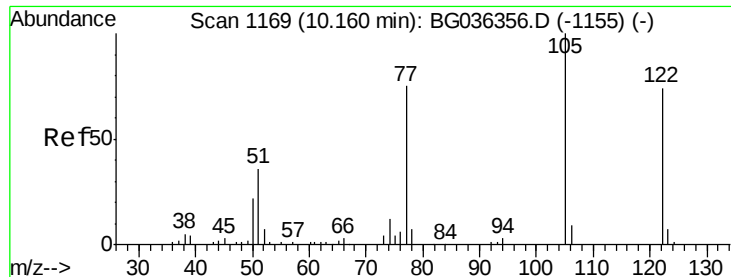
Tgt Ion:	136	Resp:	245952
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	9.2	13.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 76.903 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Tgt Ion:	82	Resp:	348611
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	54.5	45.1	67.7

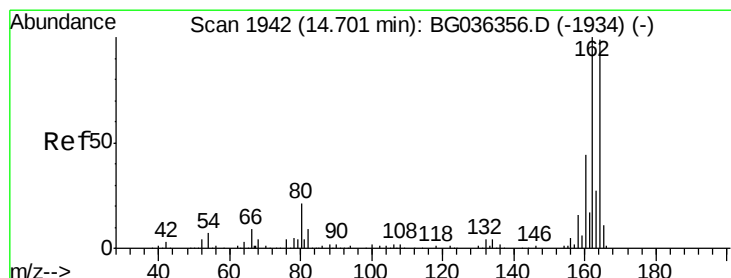
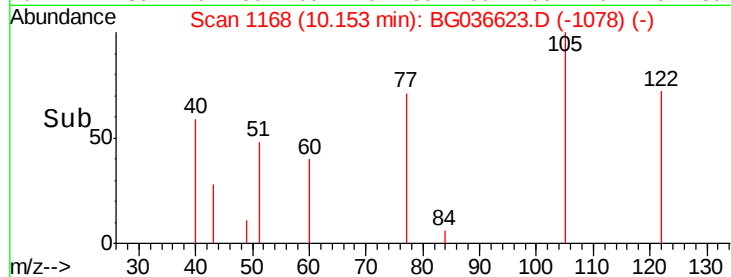
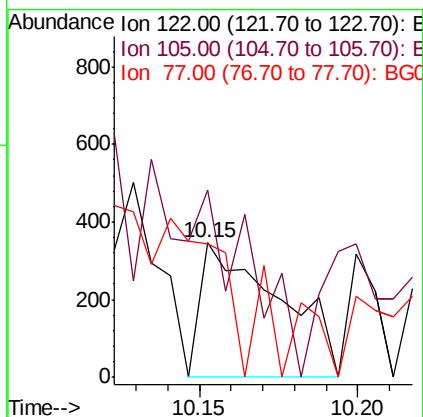
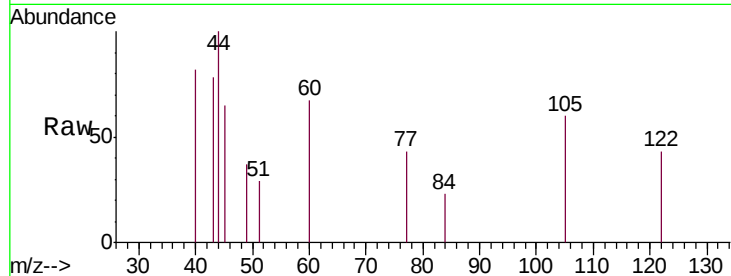




#32
Benzoic acid
Concen: 4.682 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

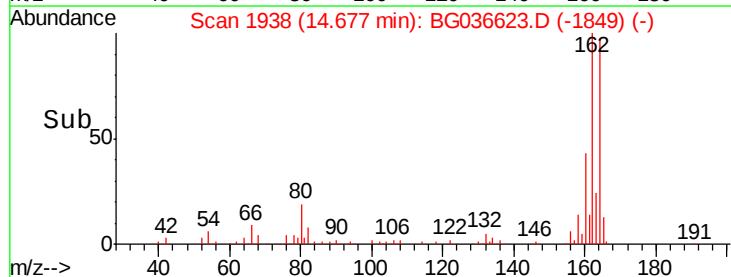
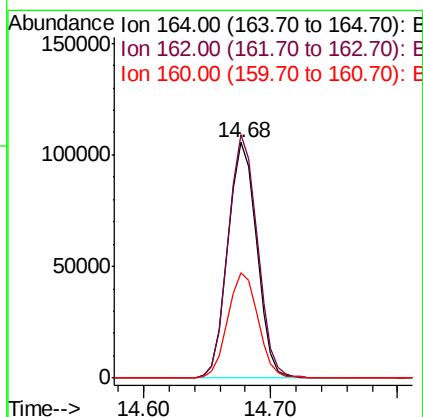
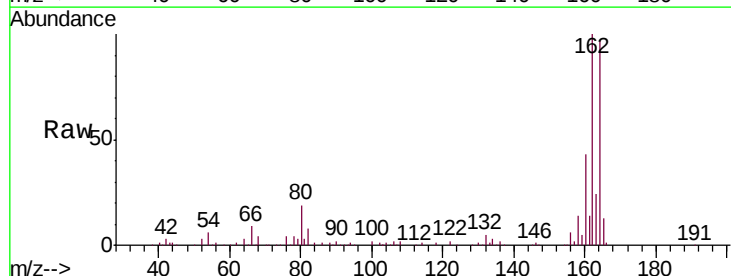
Instrument :
BNA_G
ClientSampleId :
SU-03-090618-A

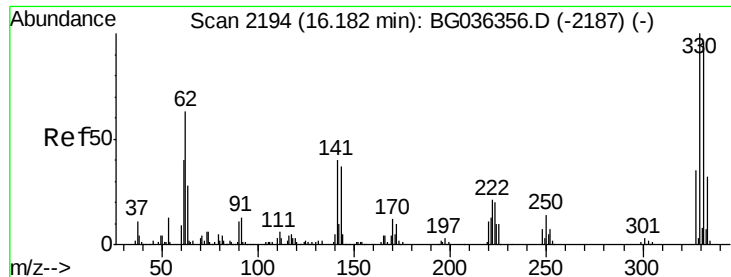
Tgt Ion:122 Resp: 595
Ion Ratio Lower Upper
122 100
105 139.6 108.1 148.1
77 99.1 76.3 116.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Tgt Ion:164 Resp: 167091
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 44.6 35.3 52.9

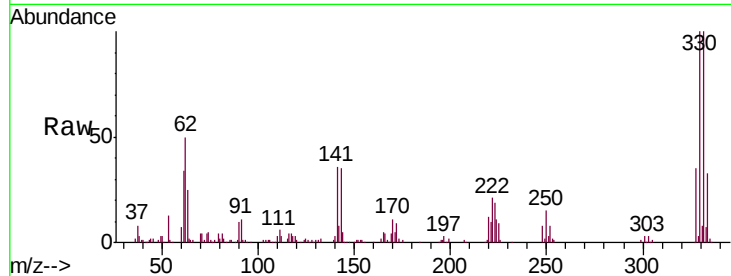




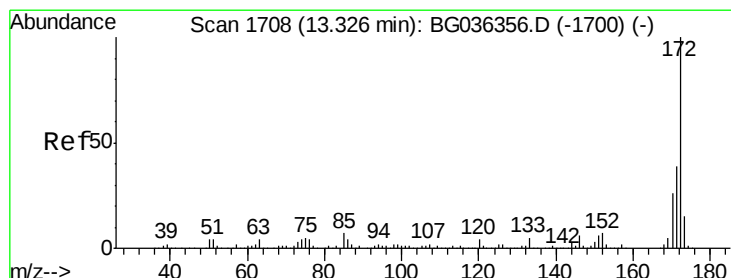
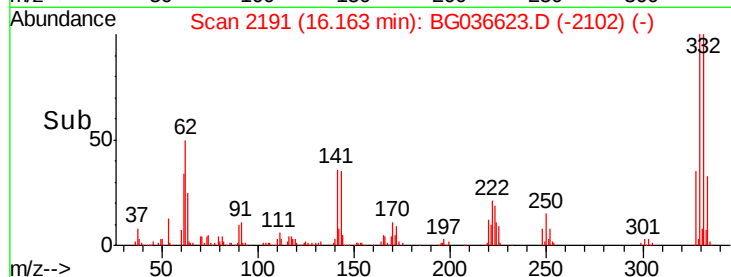
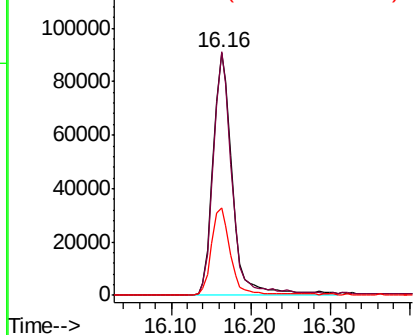
#41
 2,4,6-Tribromophenol
 Concen: 77.790 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-A

Tgt Ion:330 Resp: 155096
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.2
 141 35.4 30.7 46.1

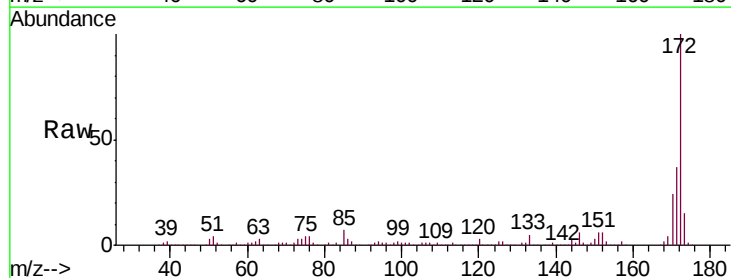


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

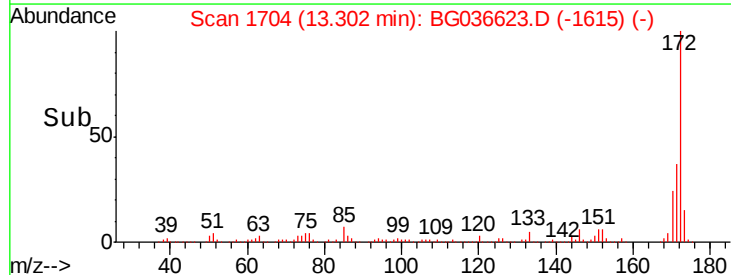
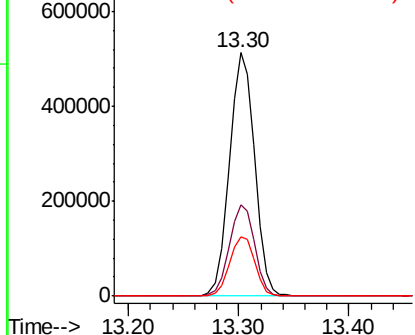


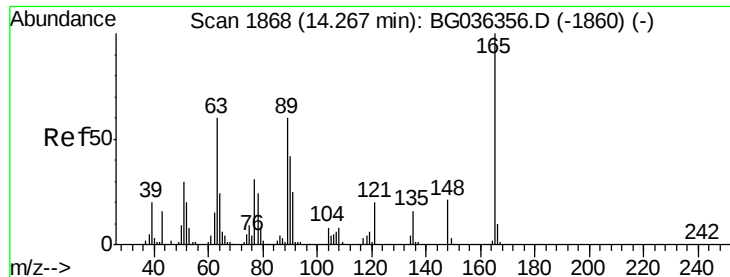
#44
 2-Fluorobiphenyl
 Concen: 70.085 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Tgt Ion:172 Resp: 820175
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 24.3 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

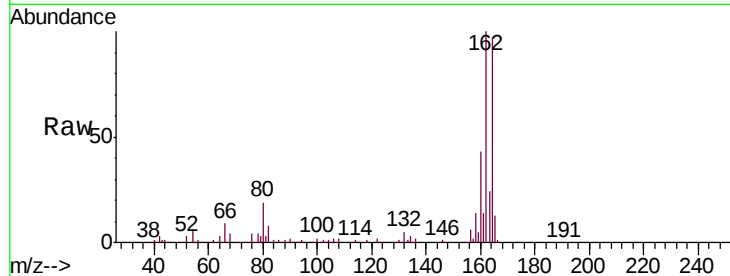




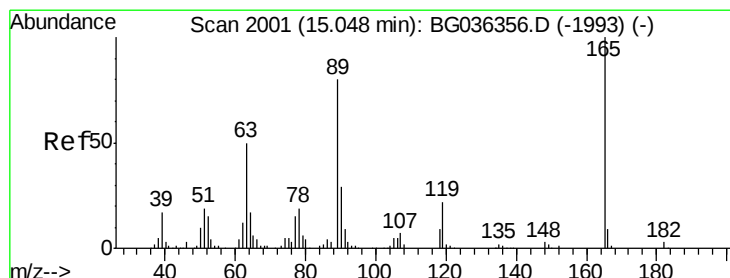
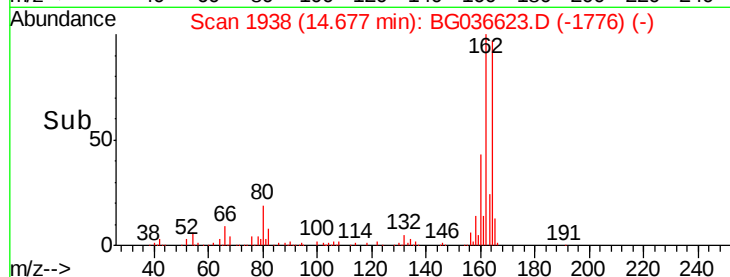
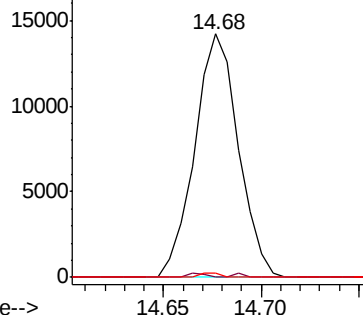
#50
2,6-Dinitrotoluene
Concen: 7.804 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Instrument :
BNA_G
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.8	47.8	71.6#

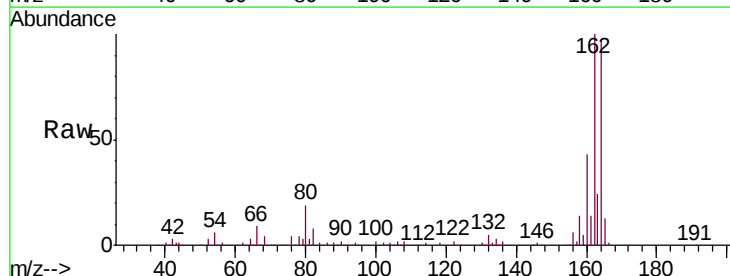


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

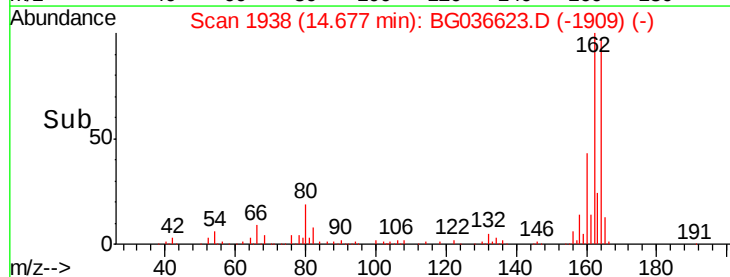
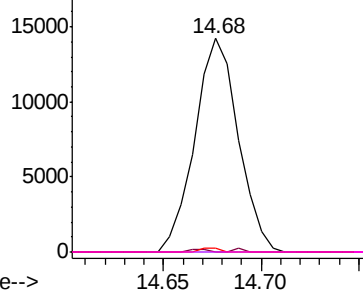


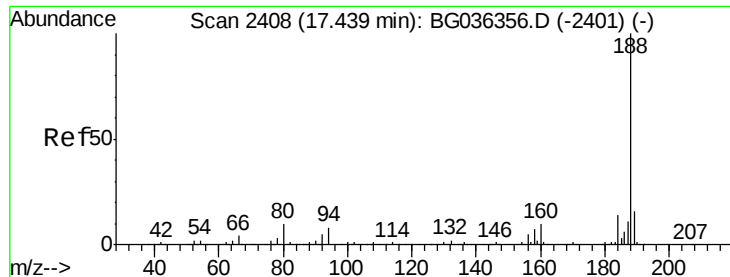
#56
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.8	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

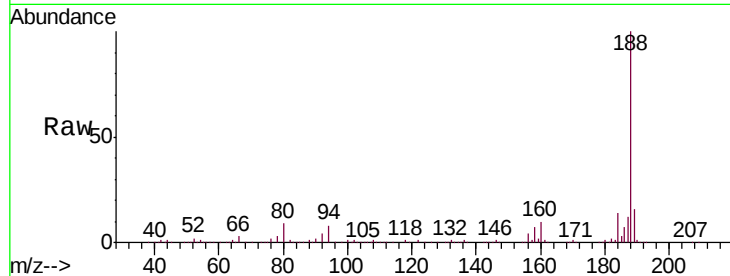




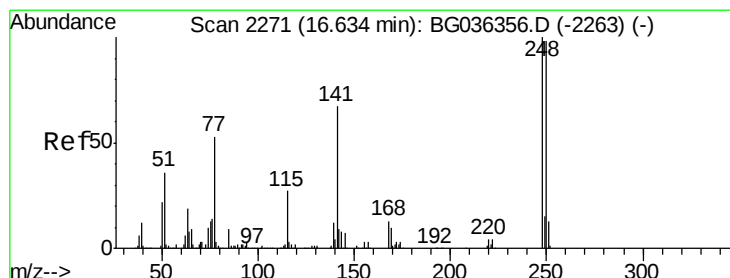
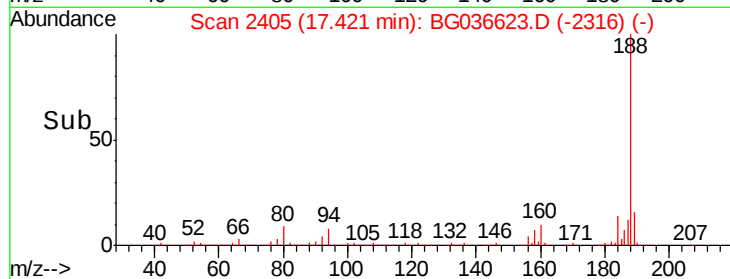
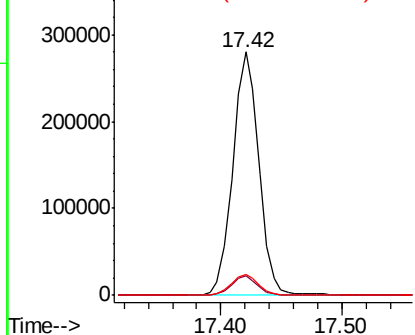
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-A

Tgt Ion:188 Resp: 420190
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 8.1 12.1

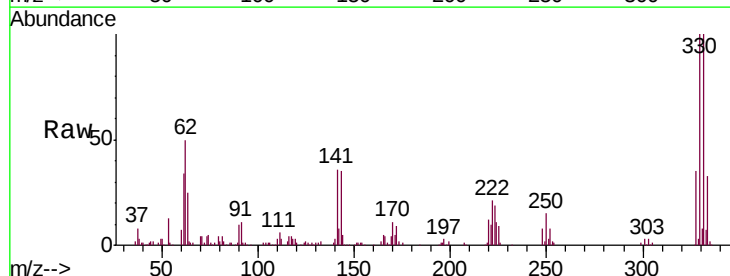


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

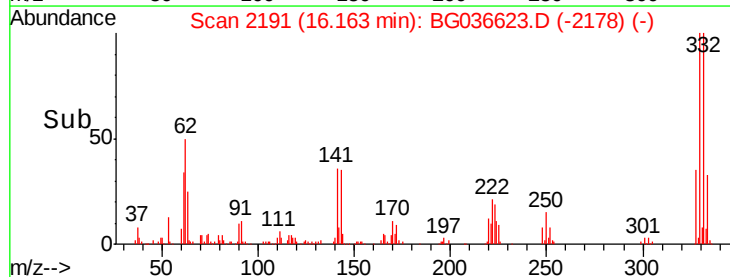
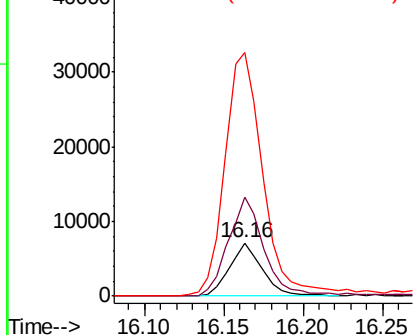


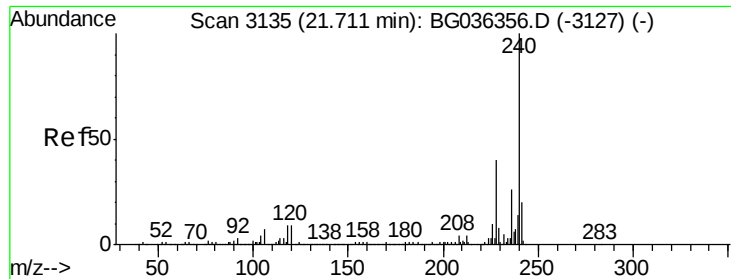
#66
4-Bromophenyl-phenylether
Concen: 2.079 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Tgt Ion:248 Resp: 10226
Ion Ratio Lower Upper
248 100
250 187.2 78.1 117.1#
141 459.9 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: BG036623.D

Acq: 8 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-A

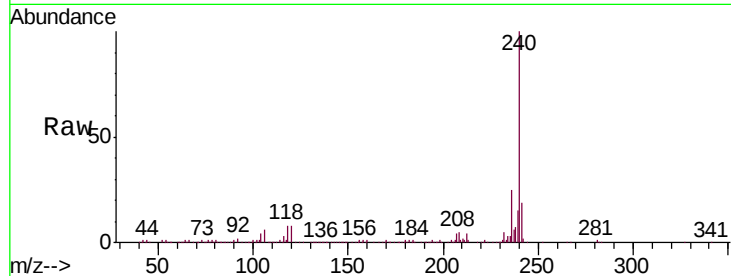
Tgt Ion:240 Resp: 434555

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

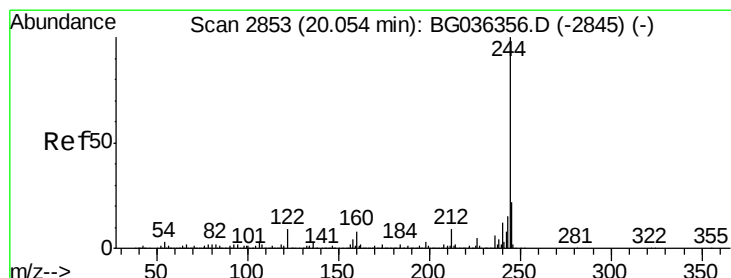
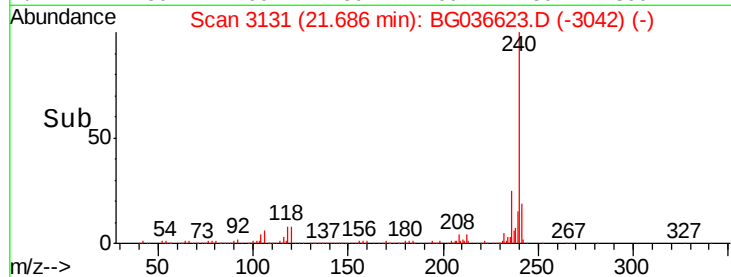
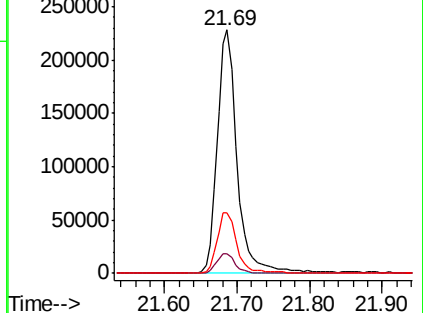
236 24.9 21.2 31.8



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: 76.466 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036623.D

Acq: 8 Sep 2018 8:38

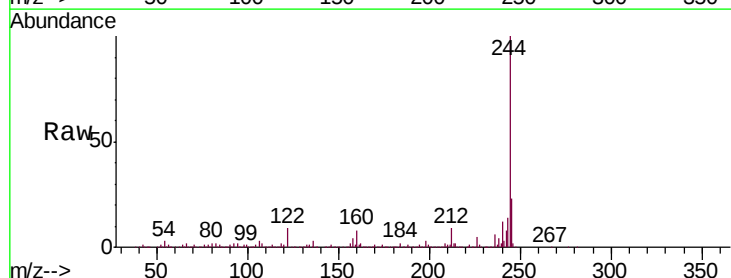
Tgt Ion:244 Resp: 1421647

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

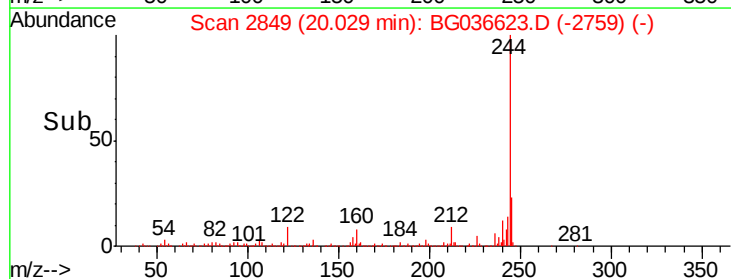
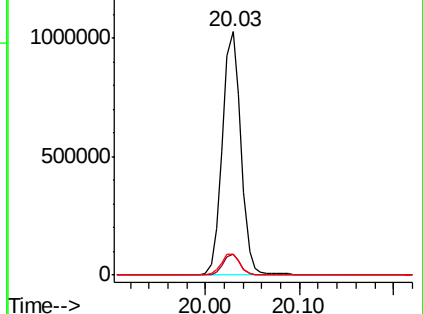
122 8.8 7.1 10.7

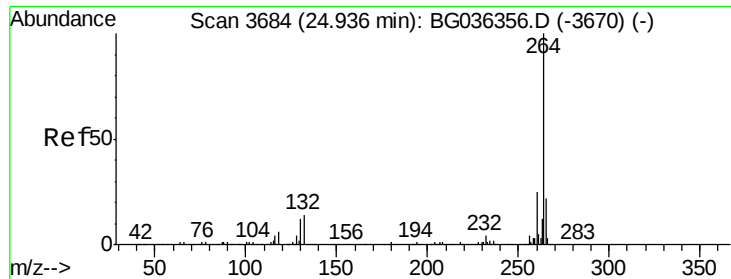


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.2	17.4	26.0

