

Data File : BG036736.D
Acq On : 15 Sep 2018 11:42
Operator : JU/SJ
Sample : J4883-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
292

Quant Time: Sep 17 03:48:56 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	50520	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	211441	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	142685	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	381936	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	395382	20.00	ng	-0.02
86) Perylene-d12	24.89	264	393297	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	326508	102.52	ng	0.00
7) Phenol-d6	7.21	99	418328	91.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	320403	82.22	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	222119	130.46	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	722264	72.28	ng	-0.02
78) Terphenyl-d14	20.02	244	1394438	82.43	ng	0.00

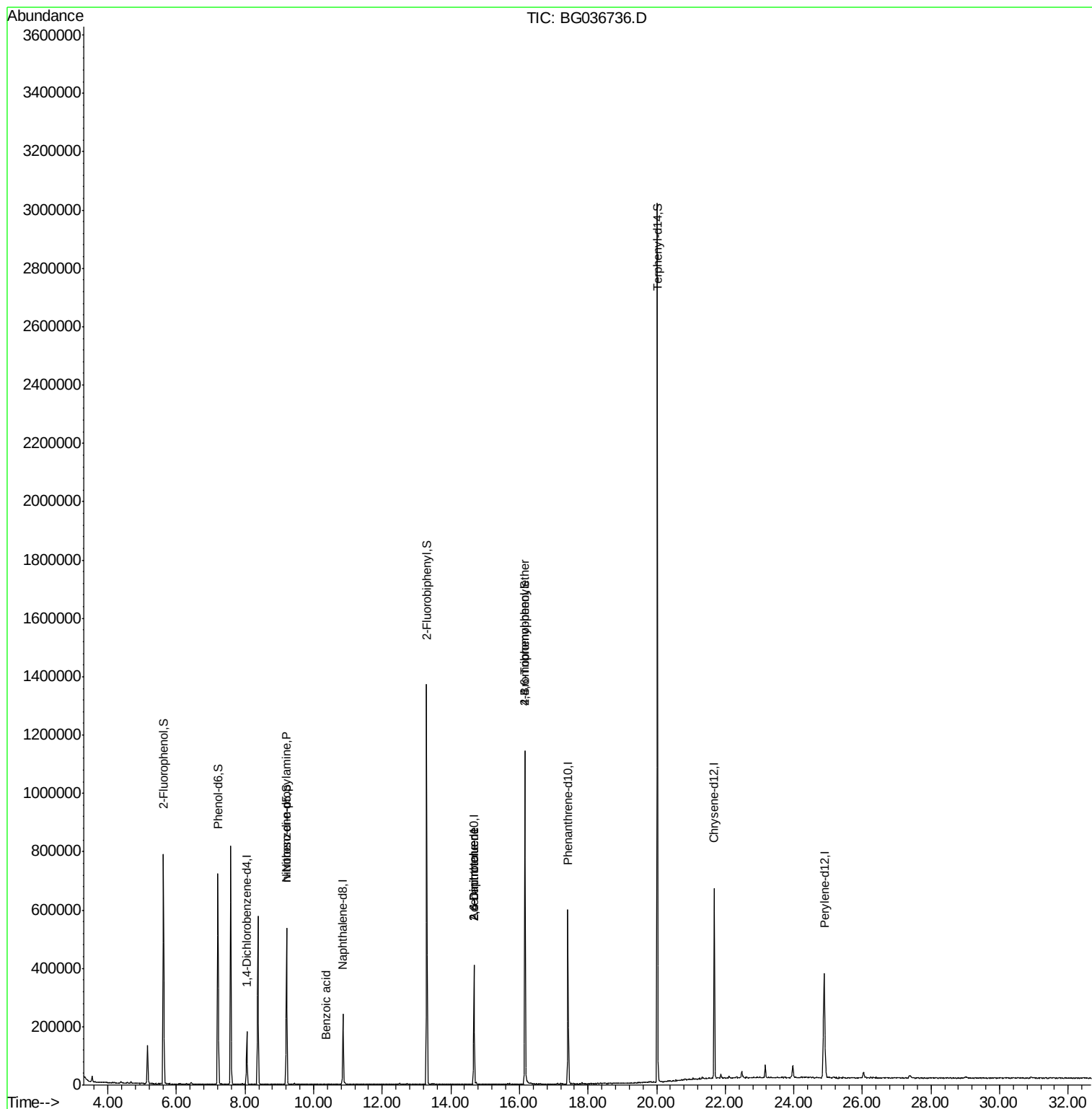
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.21	70	42854	12.575	ng	# 69
32) Benzoic acid	10.35	122	53	4.500	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	19009	7.929	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	19009	6.084	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	15525	3.472	ng	# 1

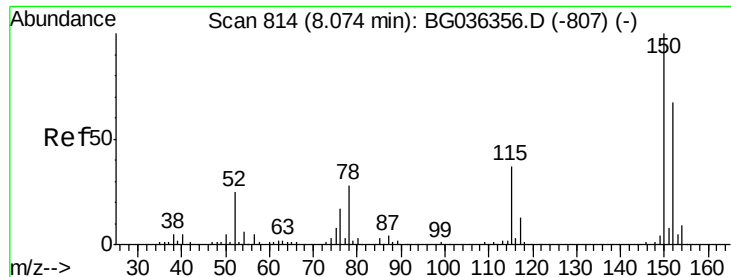
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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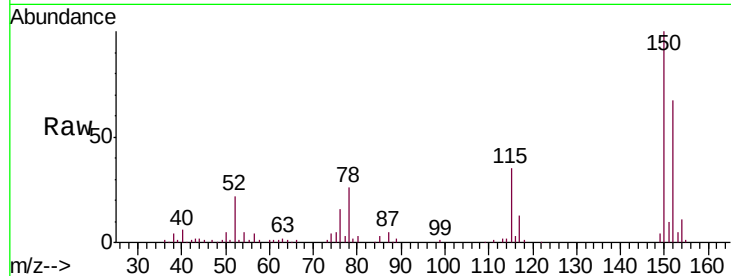


#1

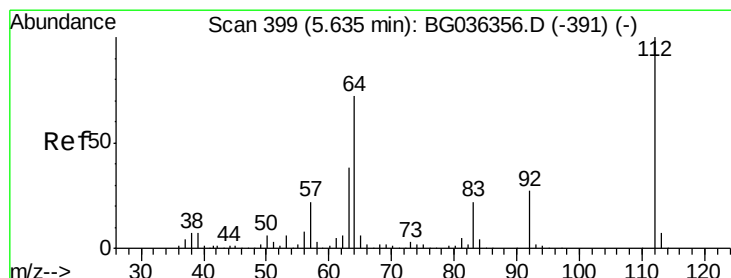
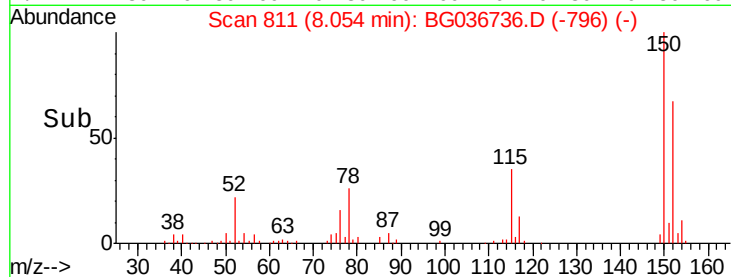
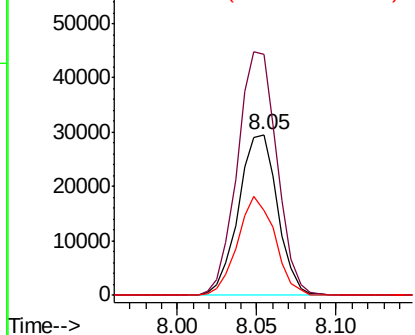
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Instrument :
BNA_G
ClientSampled :
292

Tgt Ion:152 Resp: 50520
Ion Ratio Lower Upper
152 100
150 149.9 119.5 179.3
115 52.5 44.5 66.7



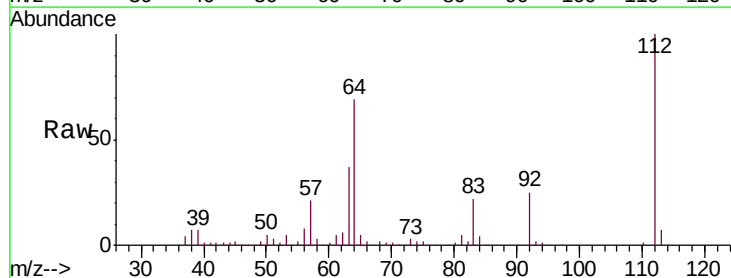
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



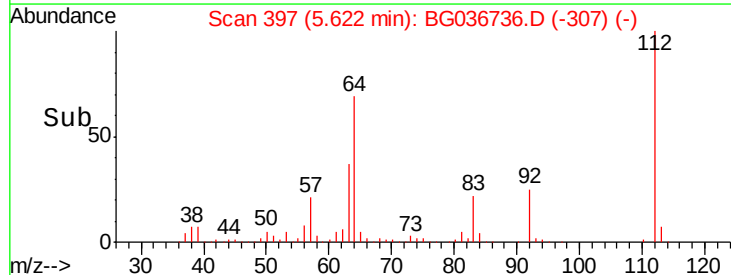
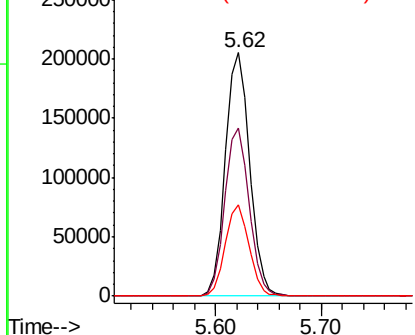
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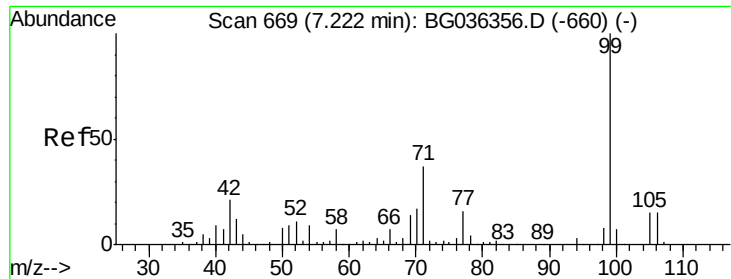
2-Fluorophenol
Concen: 102.521 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Tgt Ion:112 Resp: 326508
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 37.4 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: 91.742 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

Instrument :

BNA_G

ClientSampleId :

292

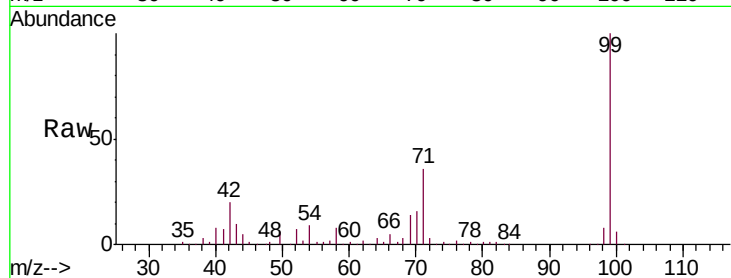
Tgt Ion: 99 Resp: 418328

Ion Ratio Lower Upper

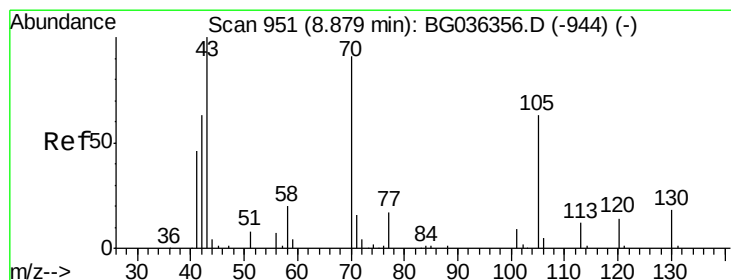
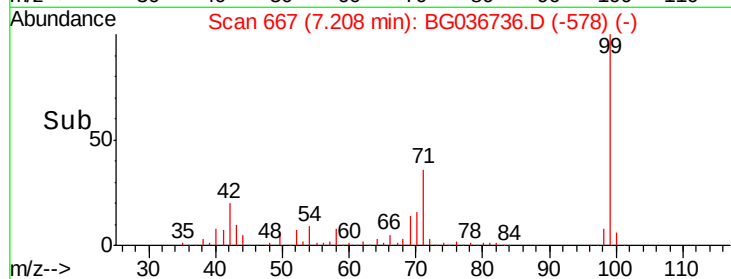
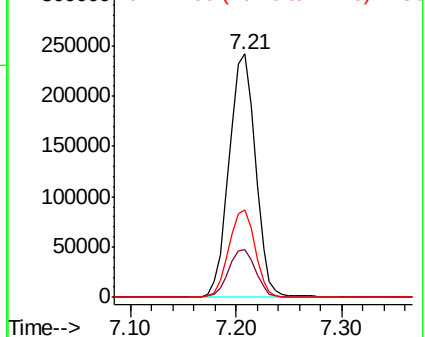
99 100

42 19.7 16.5 24.7

71 35.8 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: 12.575 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

Tgt Ion: 70 Resp: 42854

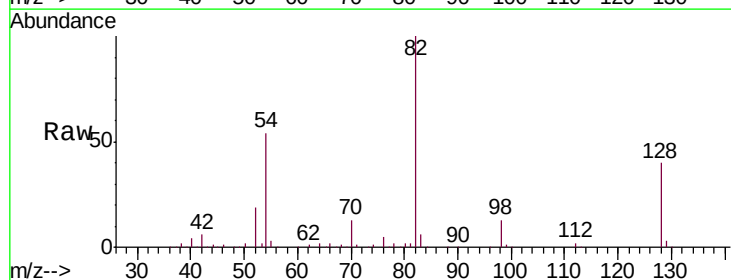
Ion Ratio Lower Upper

70 100

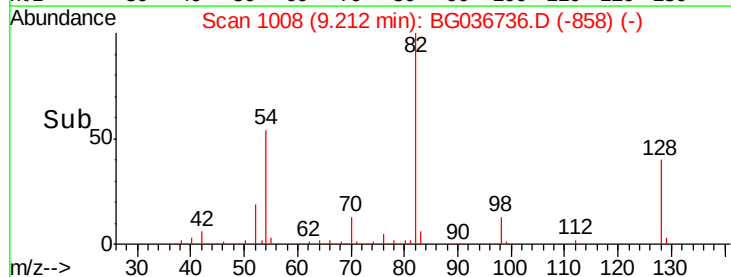
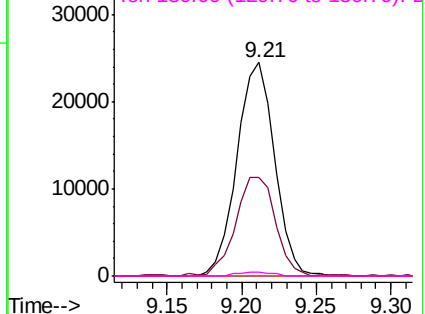
42 46.2 56.2 84.4#

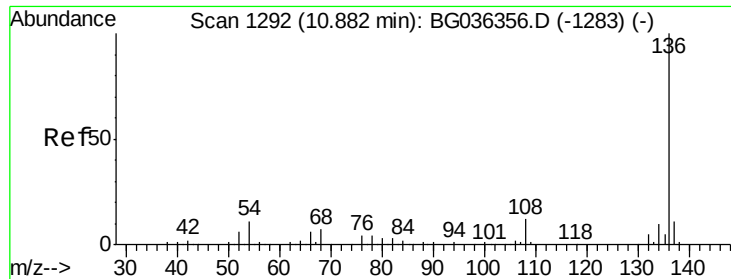
101 0.0 7.8 11.6#

130 2.0 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

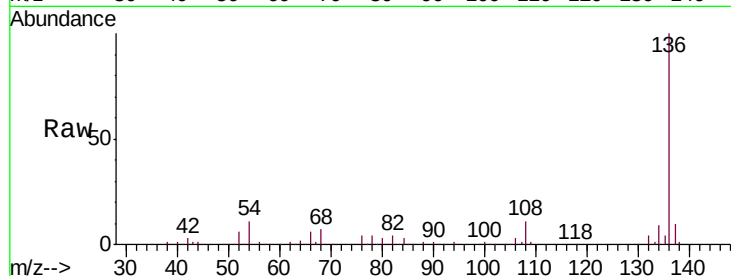




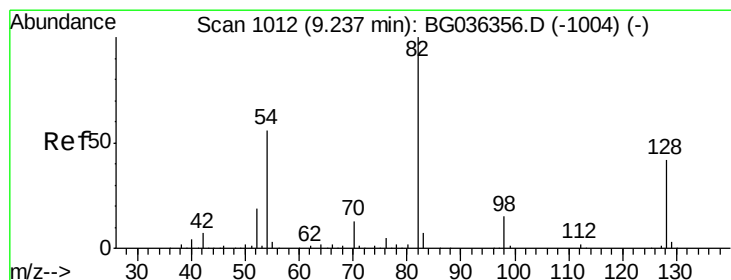
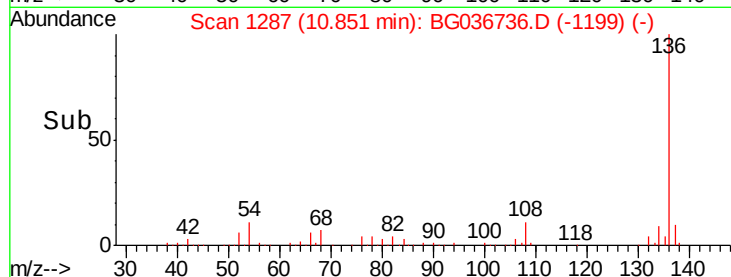
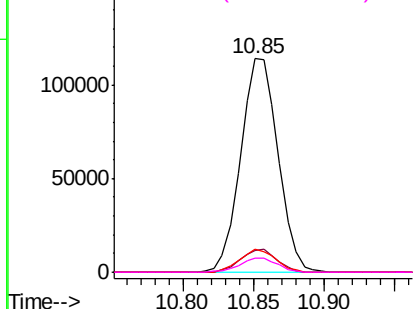
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Instrument :
BNA_G
ClientSampleId :
292

Tgt Ion:	136	Resp:	211441
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	10.6	9.2	13.8
68	6.8	5.8	8.6

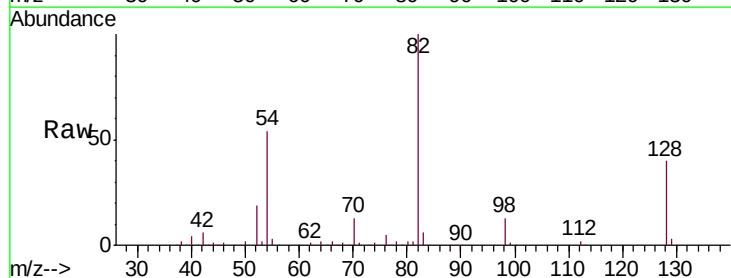


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

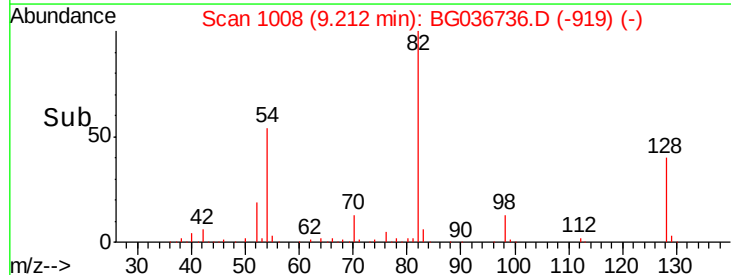
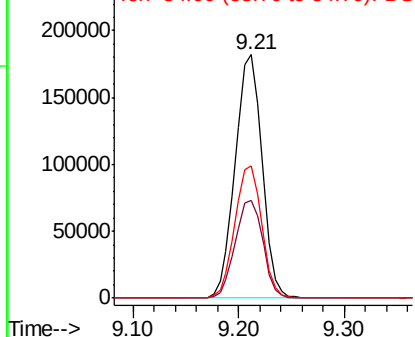


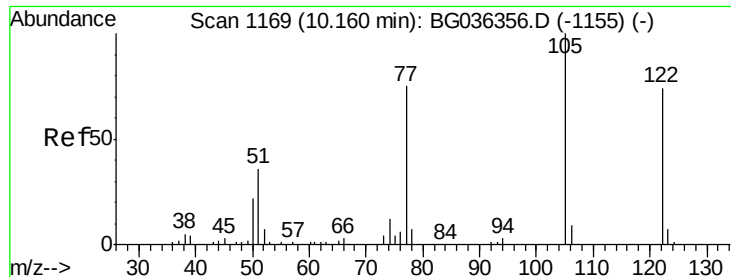
#23
Nitrobenzene-d5
Concen: 82.217 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Tgt Ion:	82	Resp:	320403
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	54.3	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

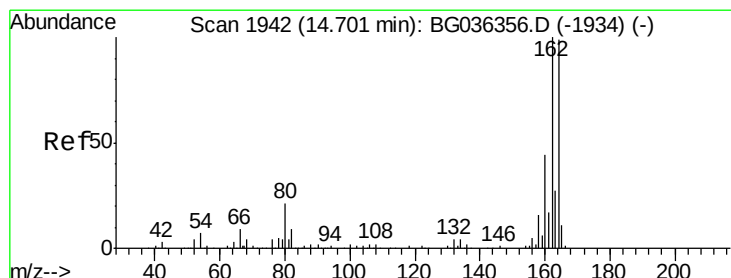
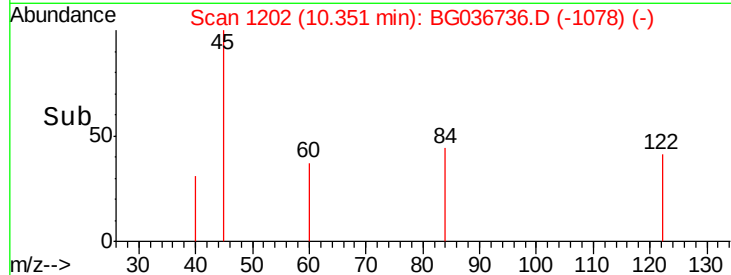
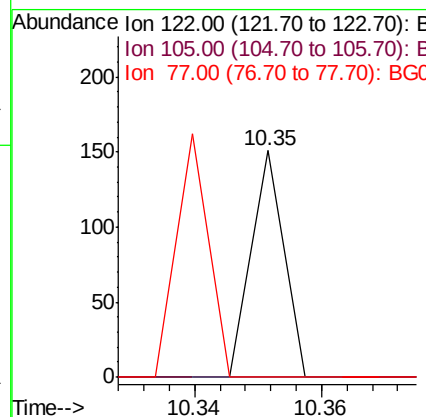
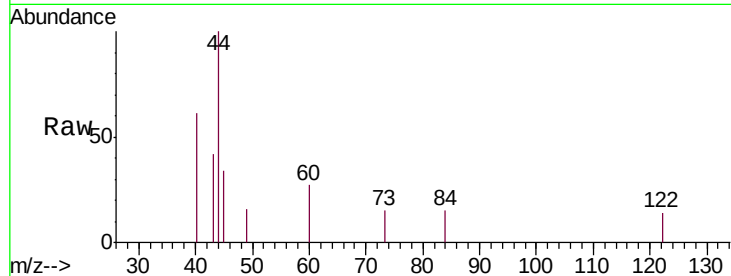




#32
Benzoic acid
Concen: 4.500 ng
RT: 10.35 min Scan# 1202
Delta R.T. 0.20 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

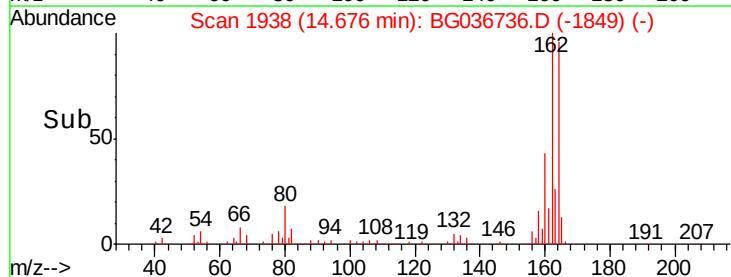
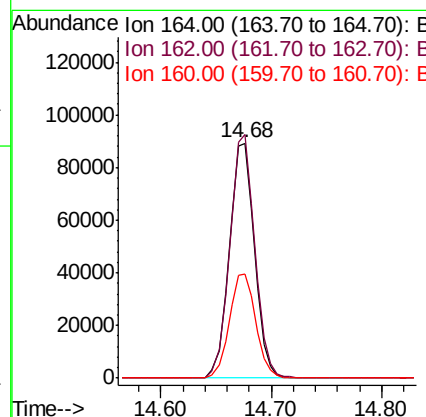
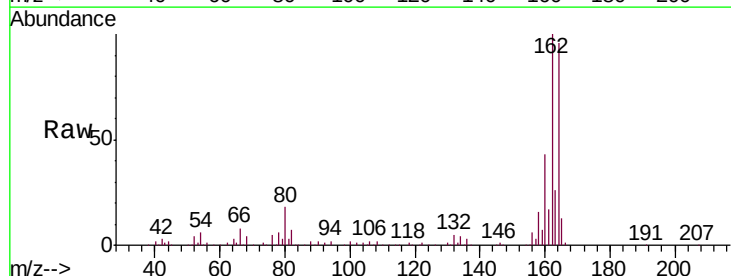
Instrument :
BNA_G
ClientSampleId :
292

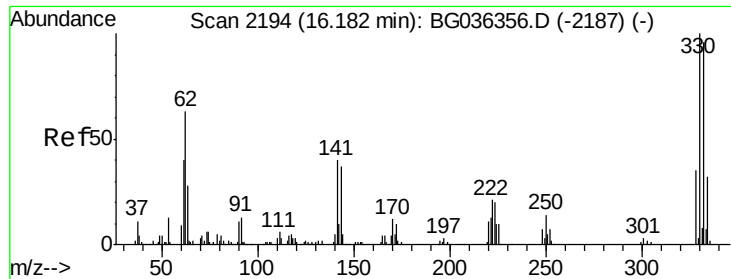
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1
77	0.0	76.3	116.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.7	121.1
160	44.6	35.3	52.9

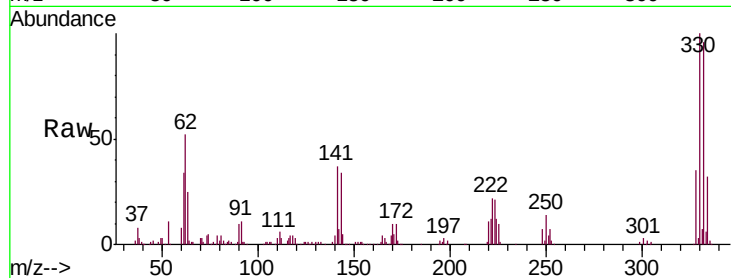




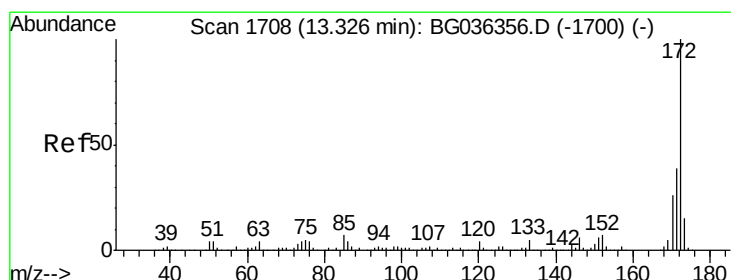
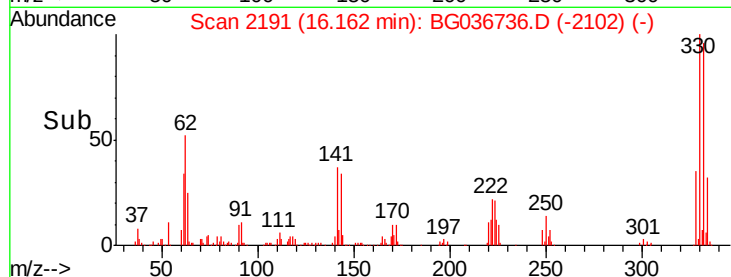
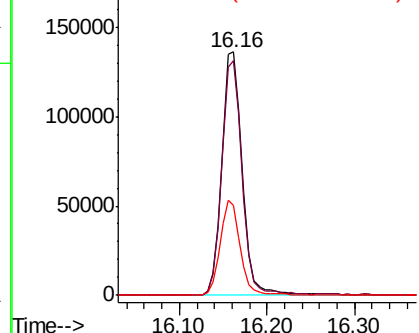
#41
 2,4,6-Tribromophenol
 Concen: 130.462 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Instrument :
 BNA_G
 ClientSampled :
 292

Tgt Ion:330 Resp: 222119
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 37.9 30.7 46.1

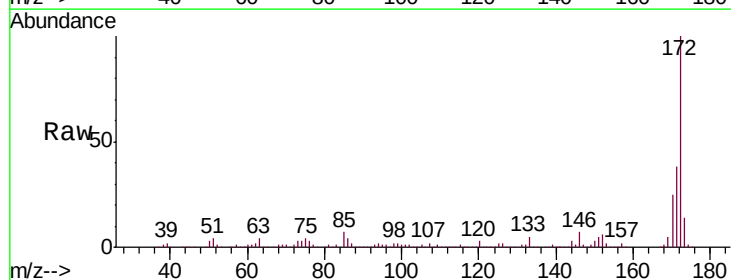


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

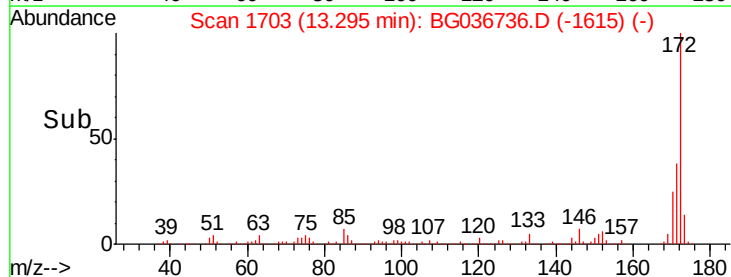
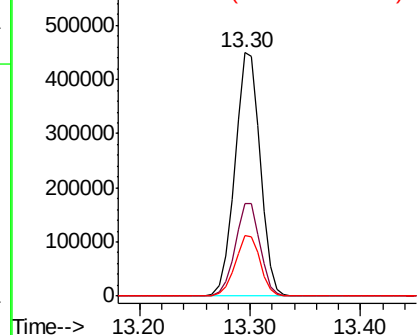


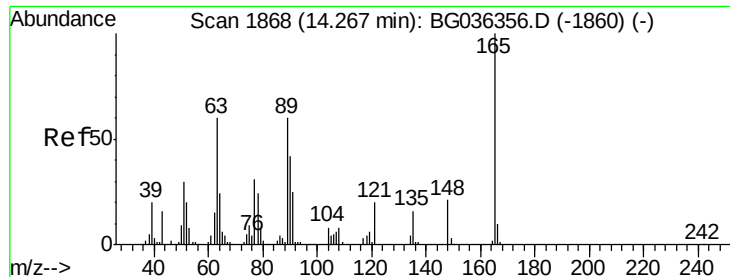
#44
 2-Fluorobiphenyl
 Concen: 72.275 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Tgt Ion:172 Resp: 722264
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 25.1 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

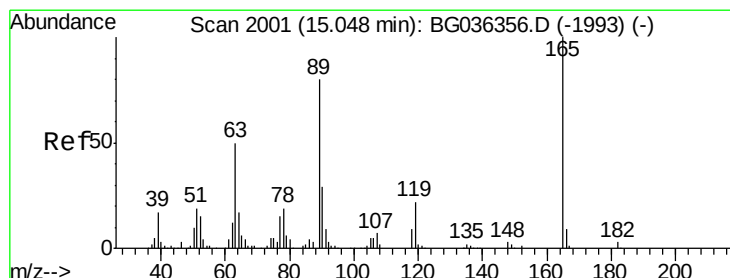
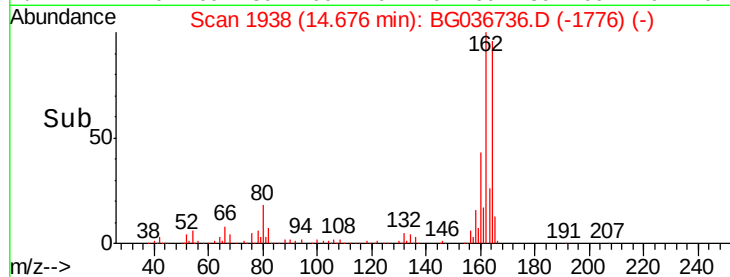
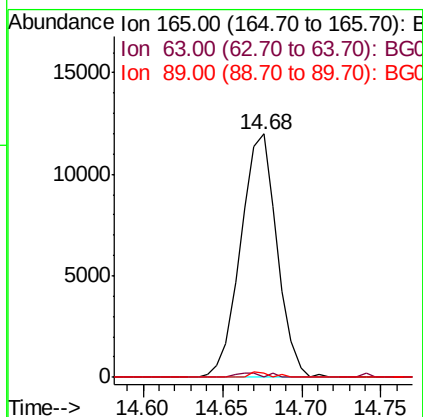
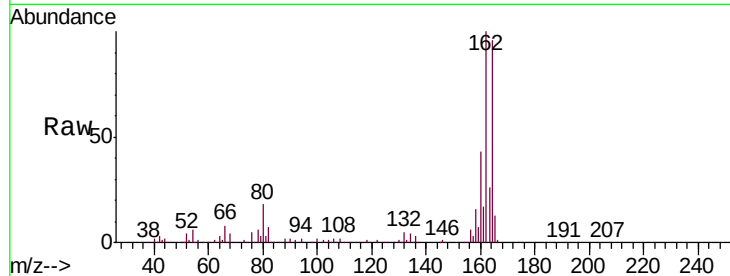




#50
2,6-Dinitrotoluene
Concen: 7.929 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

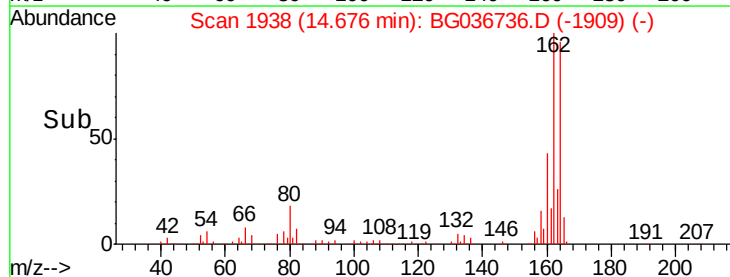
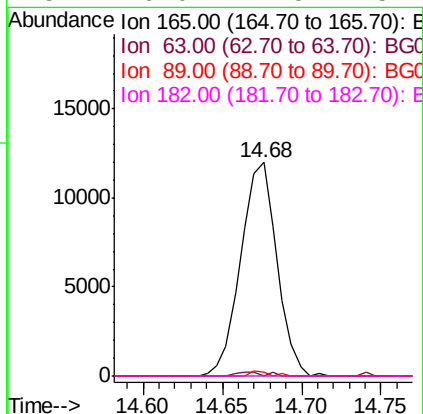
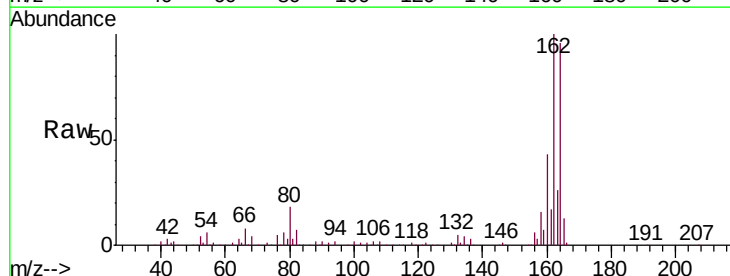
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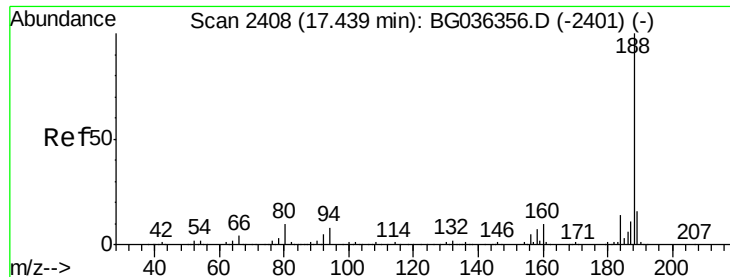
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.9	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 6.084 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

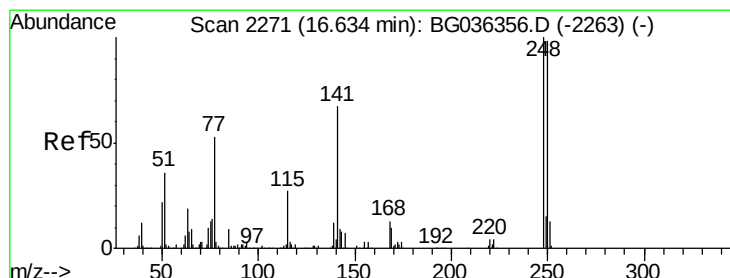
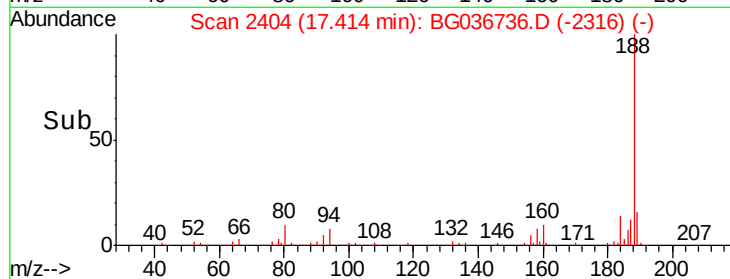
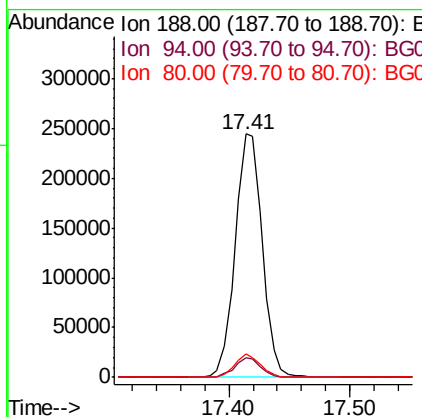
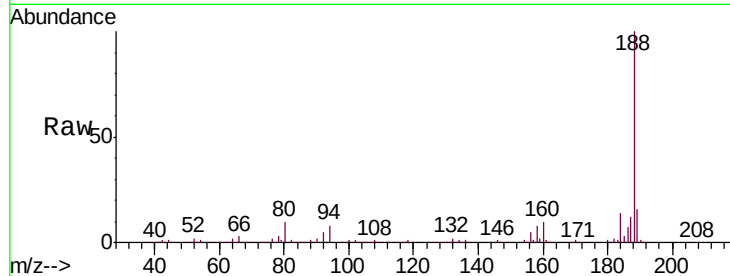




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.02 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

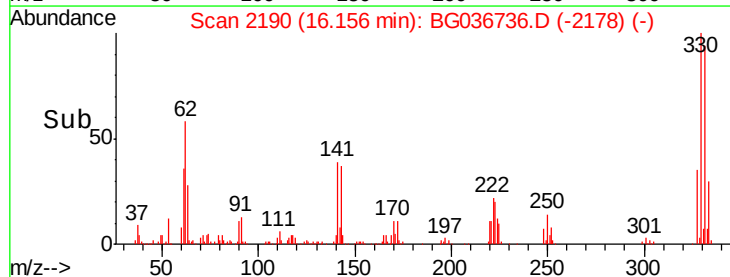
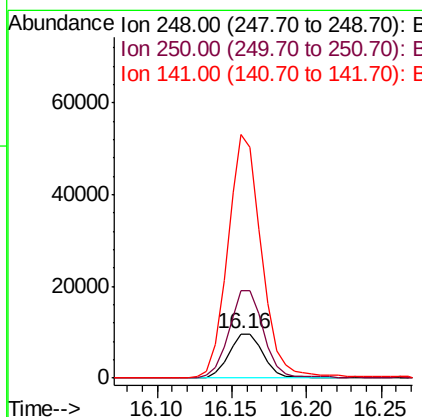
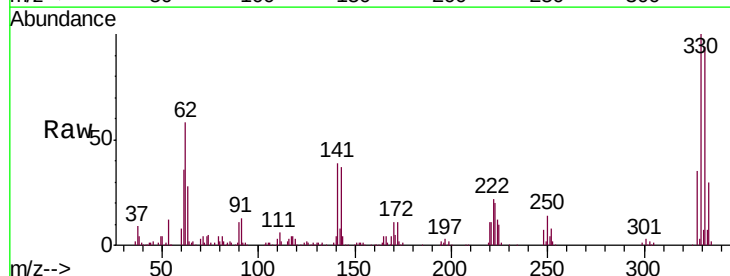
Instrument :
 BNA_G
 ClientSampled :
 292

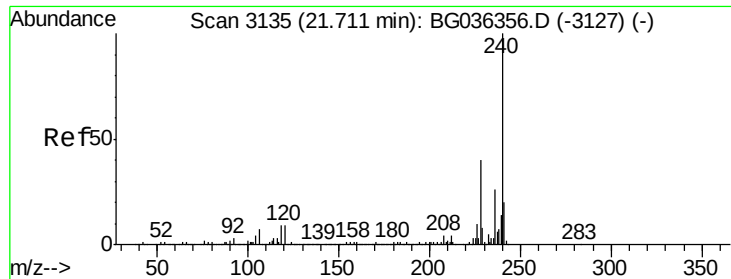
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.5	8.1	12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.472 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.1	78.1	117.1#
141	554.5	53.7	80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

Instrument :

BNA_G

ClientSampleId :

292

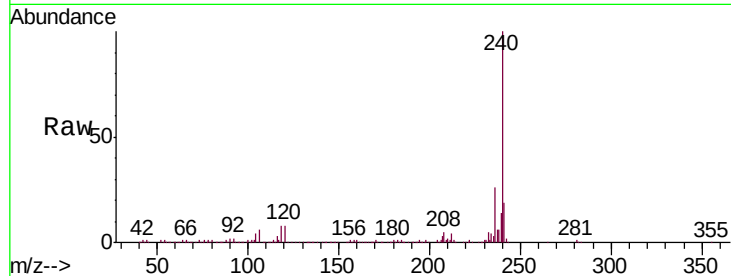
Tgt Ion:240 Resp: 395382

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

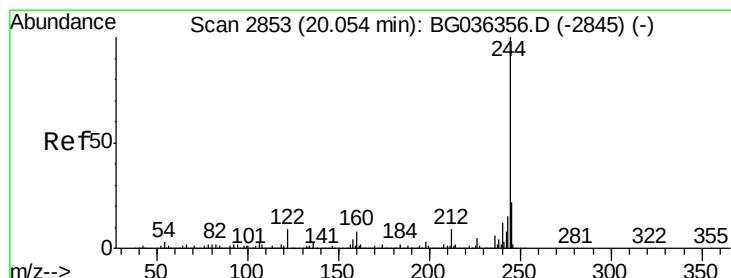
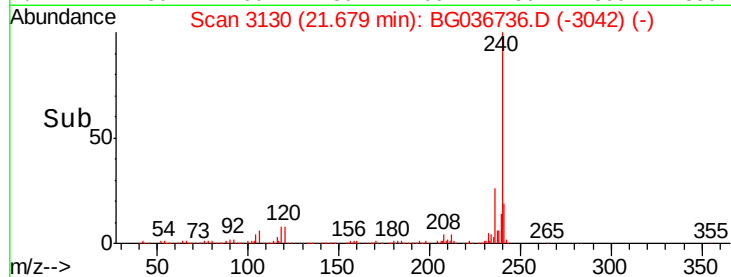
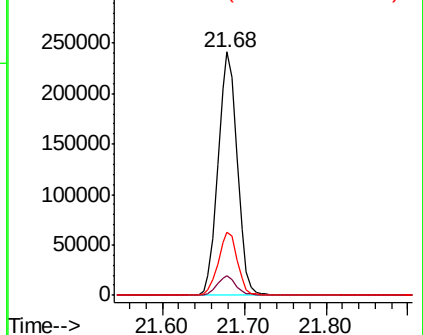
236 26.1 21.2 31.8



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: 82.434 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

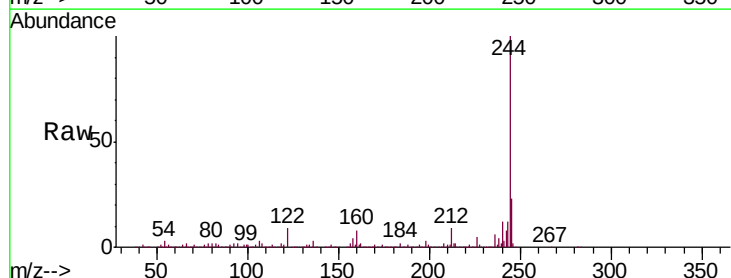
Tgt Ion:244 Resp: 1394438

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

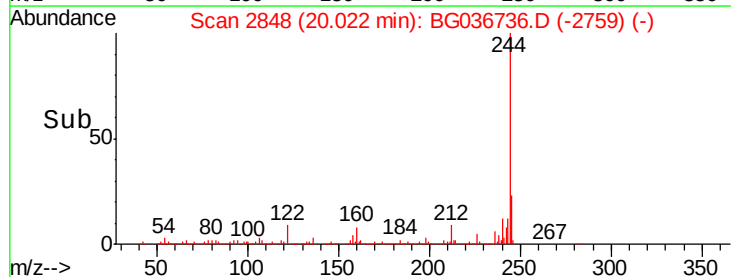
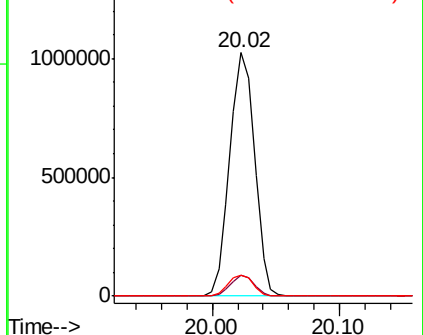
122 8.8 7.1 10.7

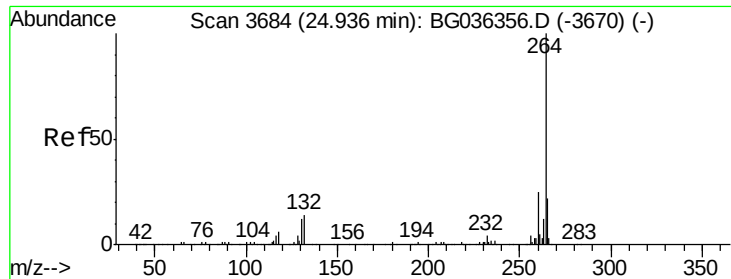


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3676
Delta R.T. -0.02 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Instrument :
BNA_G
ClientSampleId :
292

Tgt Ion:	264	Resp:	393297
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	20.8	17.4	26.0

