

Data File : BG036601.D
Acq On : 7 Sep 2018 17:40
Operator : JU/SJ
Sample : J4798-10RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

Quant Time: Sep 08 00:45:27 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

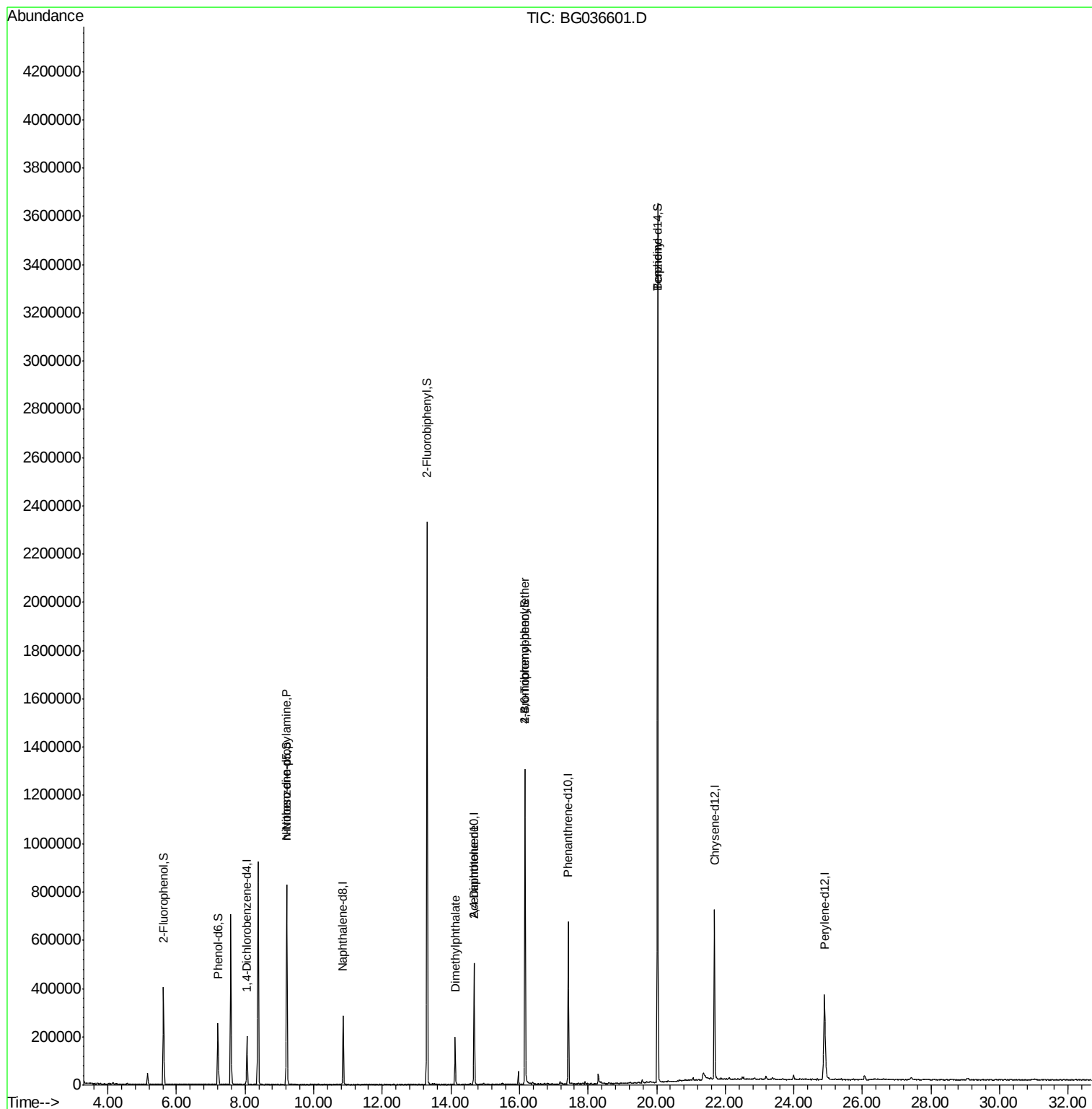
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56020	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	243832	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169590	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420997	20.00	ng	0.00
75) Chrysene-d12	21.69	240	431929	20.00	ng	0.00
86) Perylene-d12	24.89	264	411058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	166030	47.01	ng	0.00
7) Phenol-d6	7.21	99	151253	29.91	ng	0.00
23) Nitrobenzene-d5	9.22	82	507723	112.98	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	239838	118.52	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1208768	101.77	ng	0.00
78) Terphenyl-d14	20.03	244	1734945	93.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	67595	17.888	ng	Qvalue 69
49) Dimethylphthalate	14.12	163	135020	9.750	ng	99
56) 2,4-Dinitrotoluene	14.68	165	21976	5.917	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16733	3.395	ng	# 1
76) Benzidine	20.03	184	31016	2.251	ng	# 93

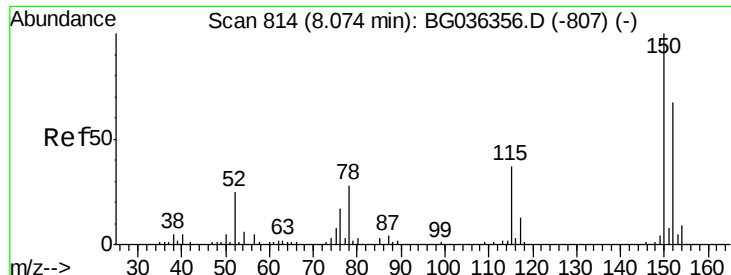
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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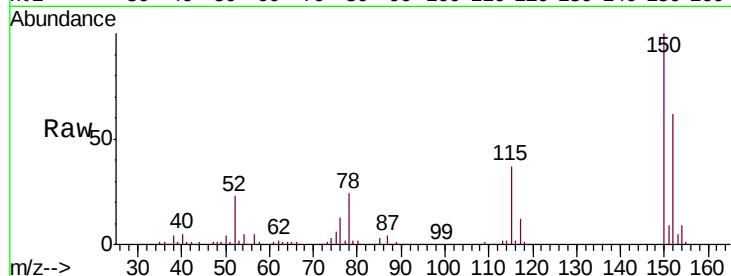


#1

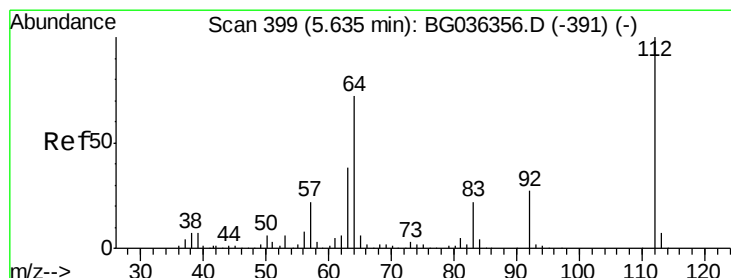
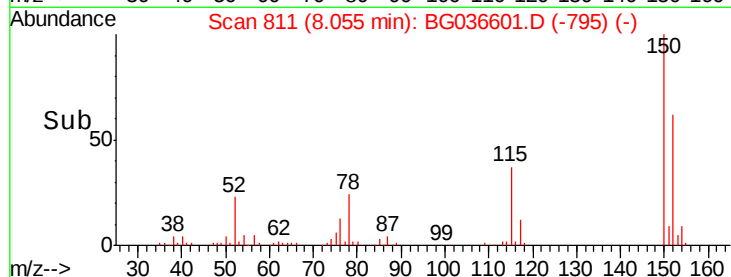
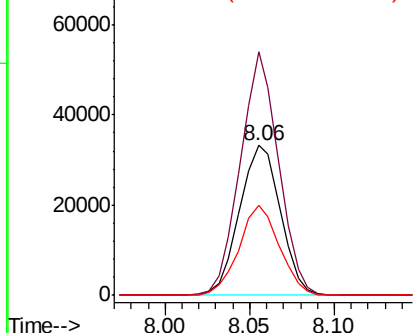
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

Tgt Ion:152 Resp: 56020
Ion Ratio Lower Upper
152 100
150 162.6 119.5 179.3
115 59.8 44.5 66.7



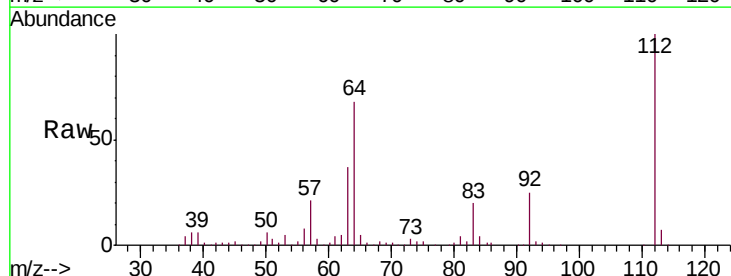
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



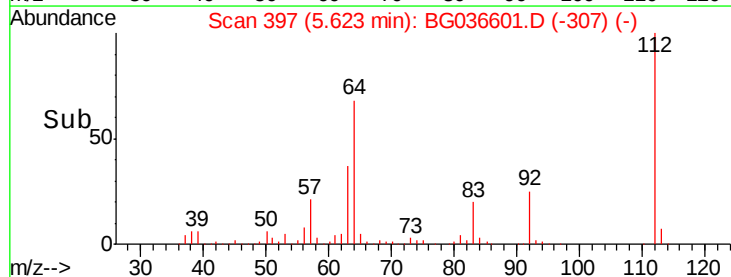
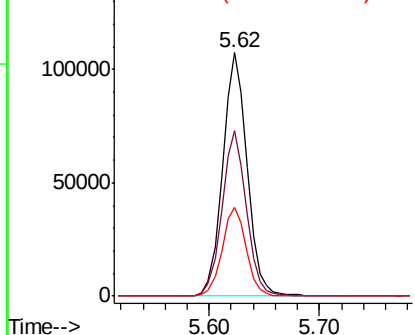
#5

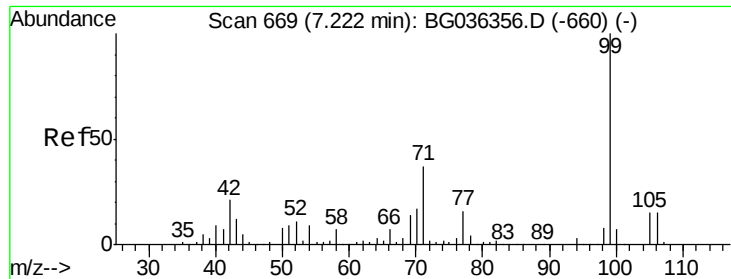
2-Fluorophenol
Concen: 47.014 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Tgt Ion:112 Resp: 166030
Ion Ratio Lower Upper
112 100
64 67.8 57.2 85.8
63 36.6 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: 29.914 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036601.D

Acq: 7 Sep 2018 17:40

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-U-S

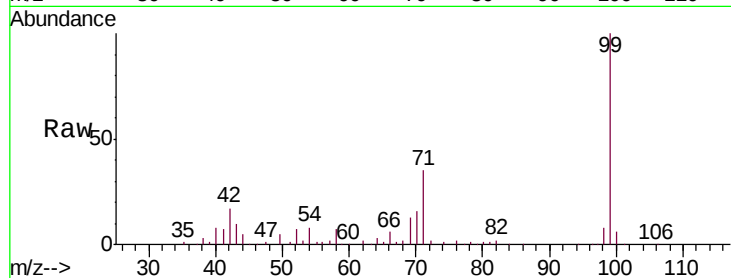
Tgt Ion: 99 Resp: 151253

Ion Ratio Lower Upper

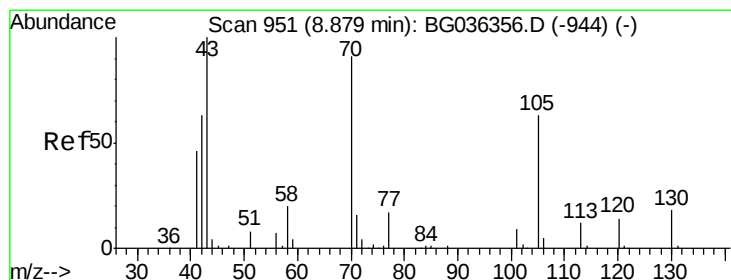
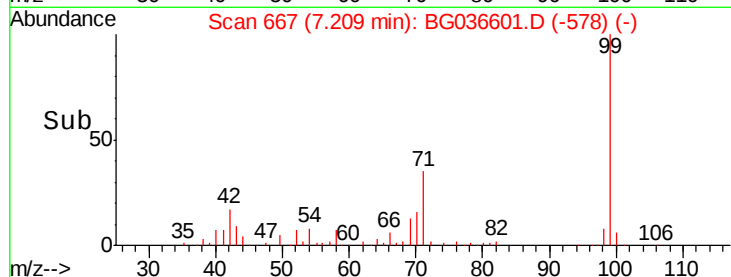
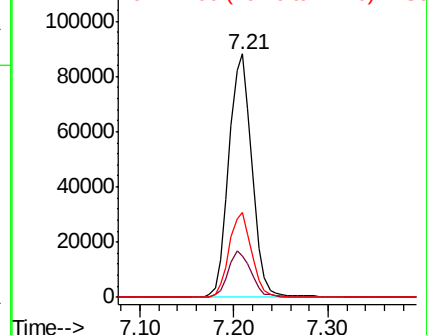
99 100

42 17.1 16.5 24.7

71 35.0 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: 17.888 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036601.D

Acq: 7 Sep 2018 17:40

Tgt Ion: 70 Resp: 67595

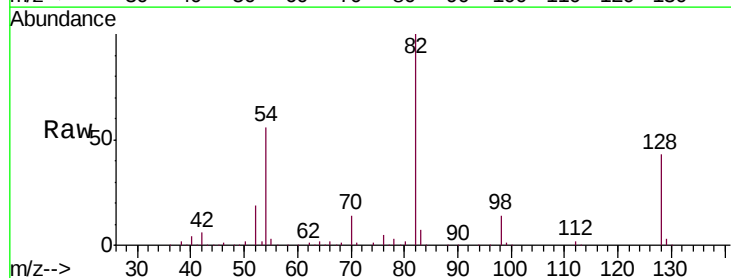
Ion Ratio Lower Upper

70 100

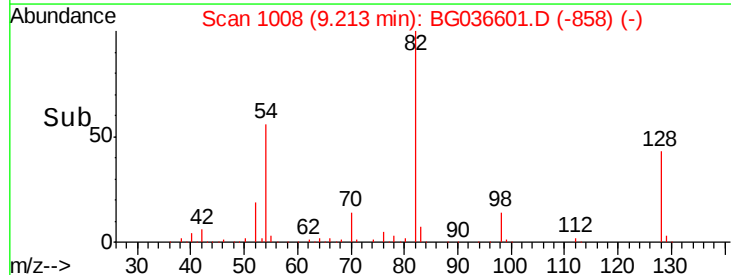
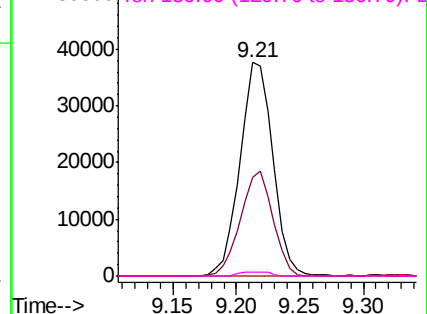
42 46.2 56.2 84.4#

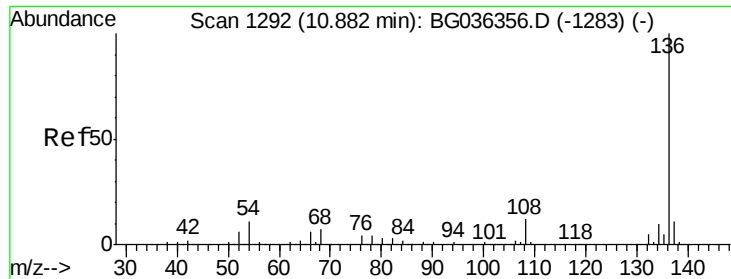
101 0.0 7.8 11.6#

130 1.7 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

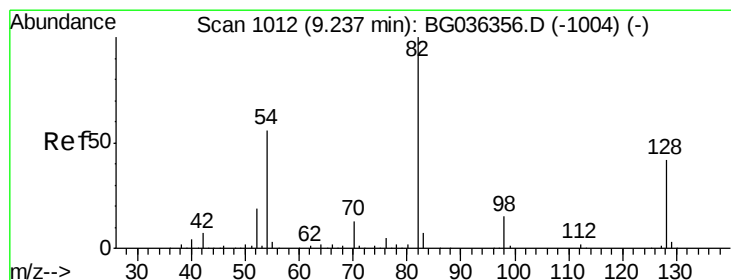
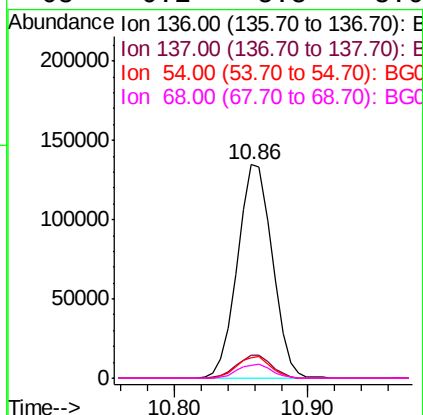
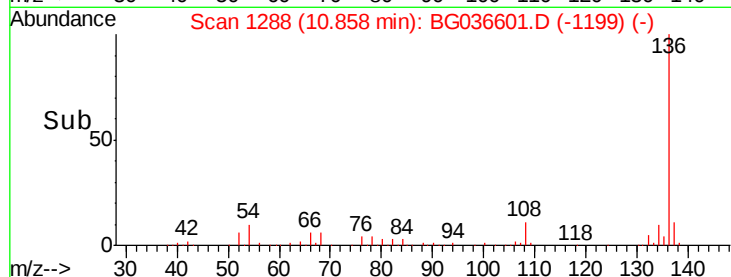
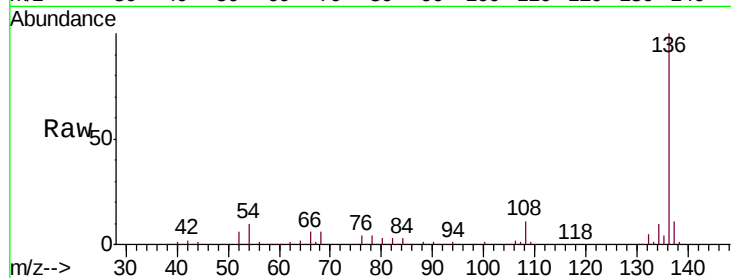




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

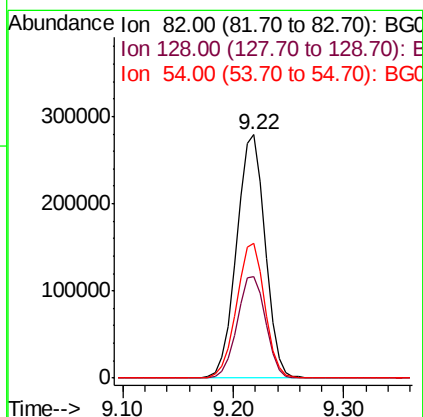
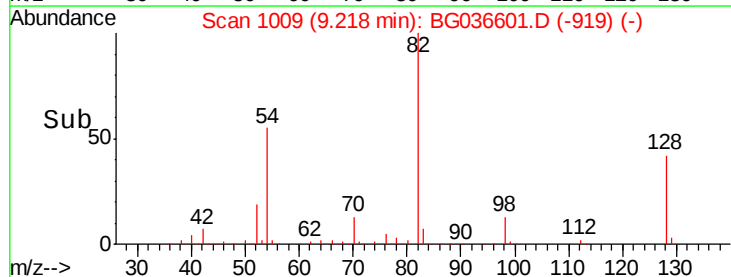
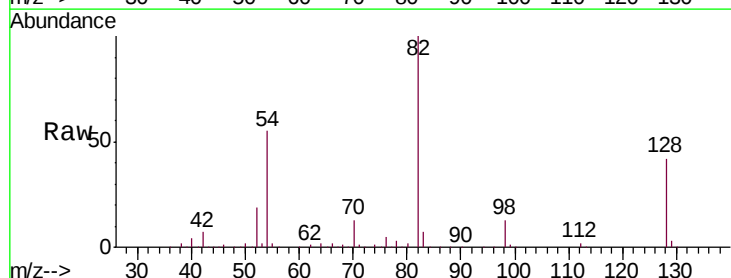
Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

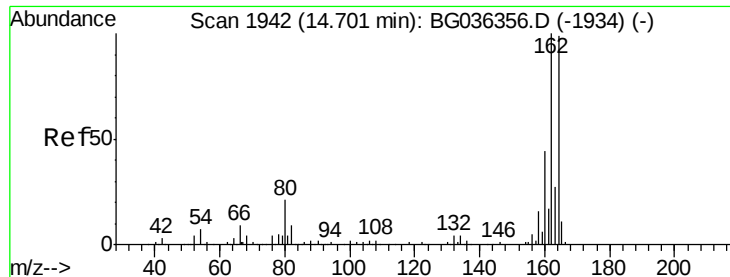
Tgt Ion:	136	Resp:	243832
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	9.2	13.8
68	6.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 112.977 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Tgt Ion:	82	Resp:	507723
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	55.4	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036601.D

Acq: 7 Sep 2018 17:40

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-U-S

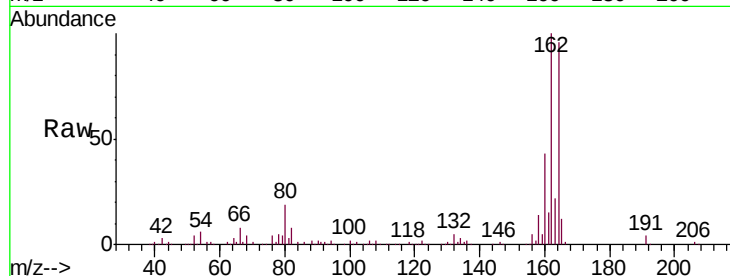
Tgt Ion:164 Resp: 169590

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

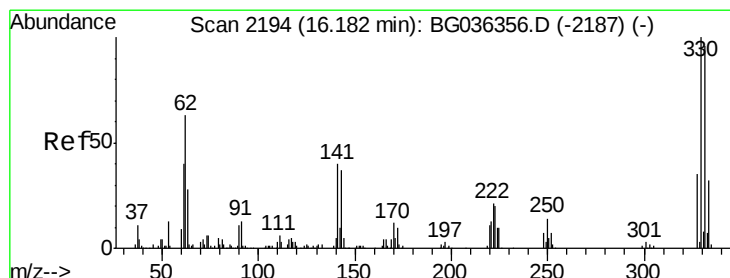
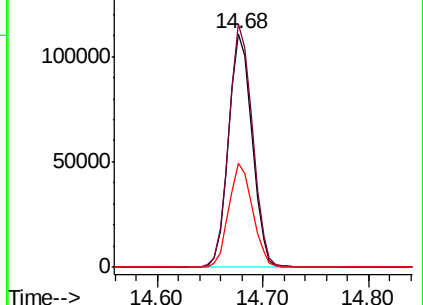
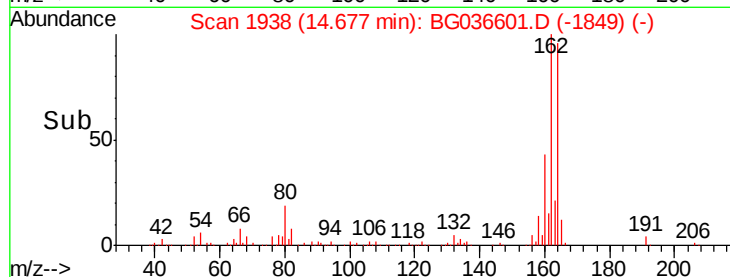
160 44.5 35.3 52.9



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: 118.521 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036601.D

Acq: 7 Sep 2018 17:40

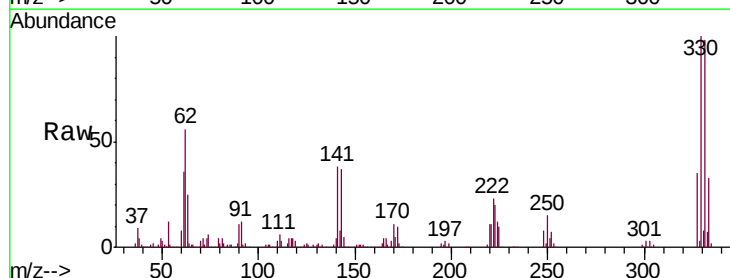
Tgt Ion:330 Resp: 239838

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

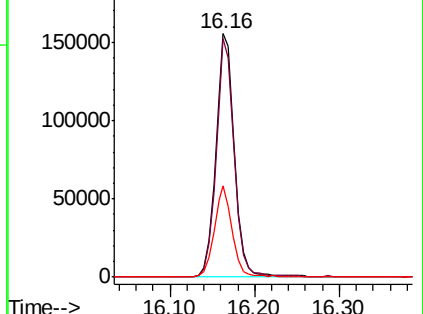
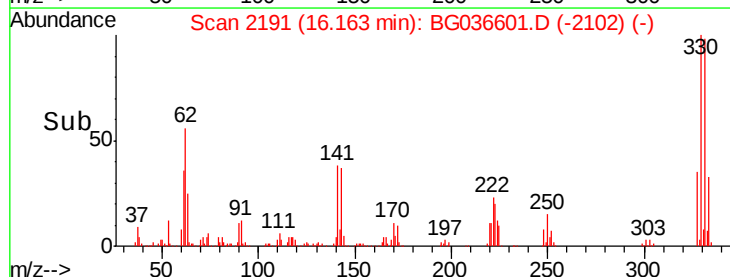
141 35.8 30.7 46.1

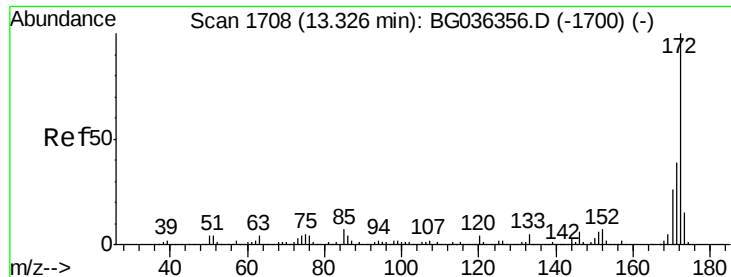


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

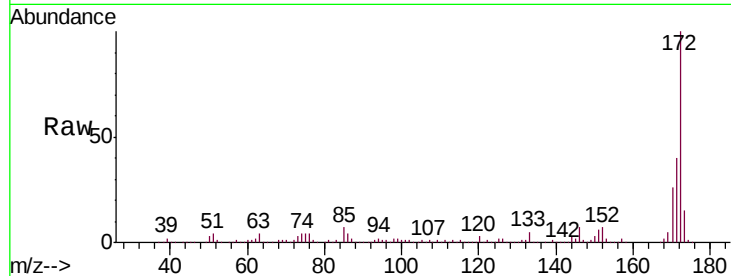




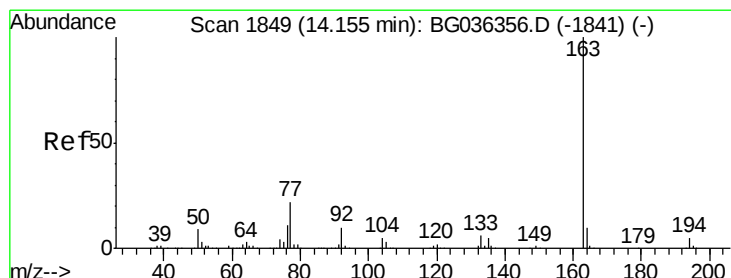
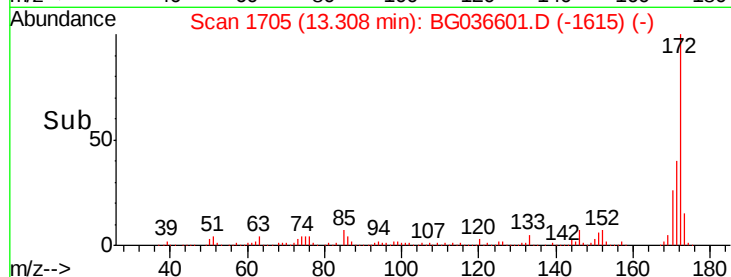
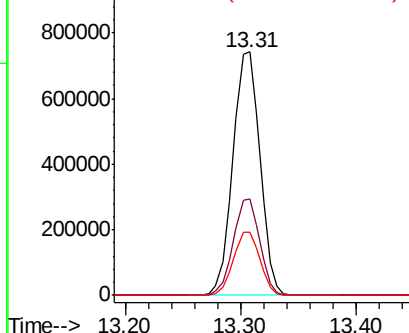
#44
2-Fluorobiphenyl
Concen: 101.769 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

Tgt Ion:172 Resp: 1208768
Ion Ratio Lower Upper
172 100
171 39.7 31.3 46.9
170 25.9 21.0 31.6

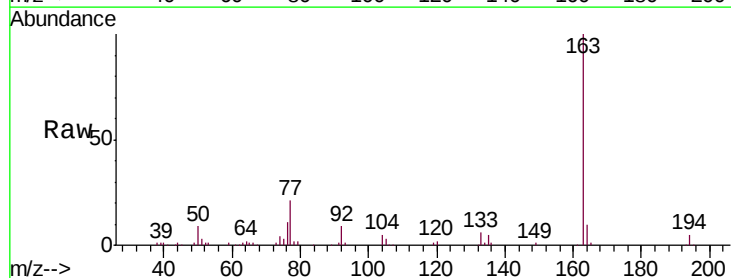


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

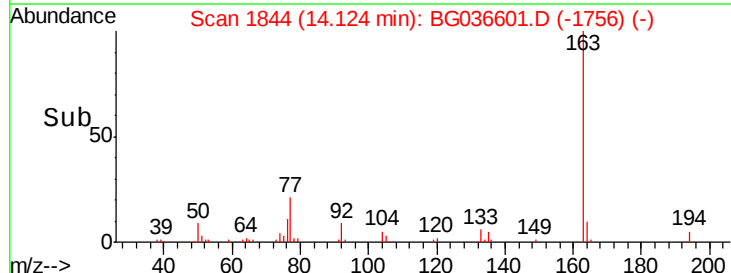
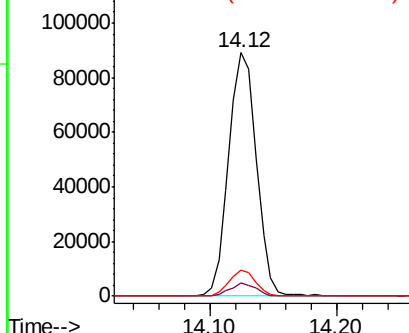


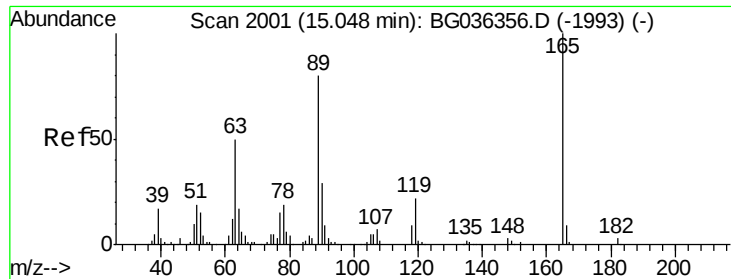
#49
Dimethylphthalate
Concen: 9.750 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Tgt Ion:163 Resp: 135020
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
120000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

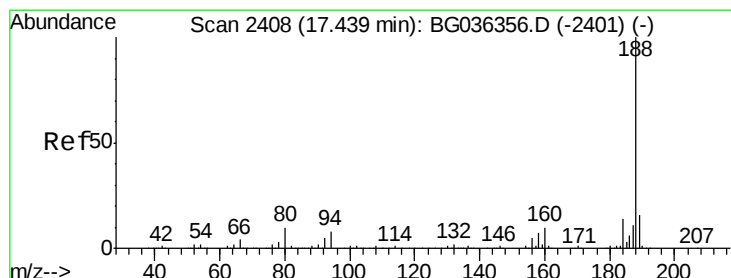
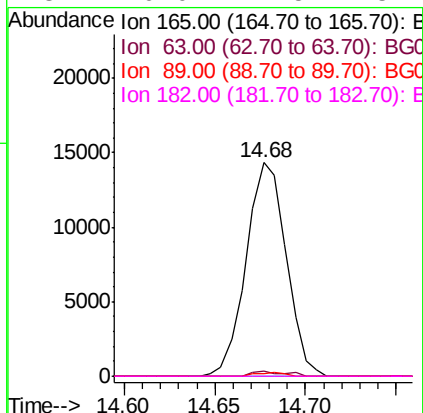
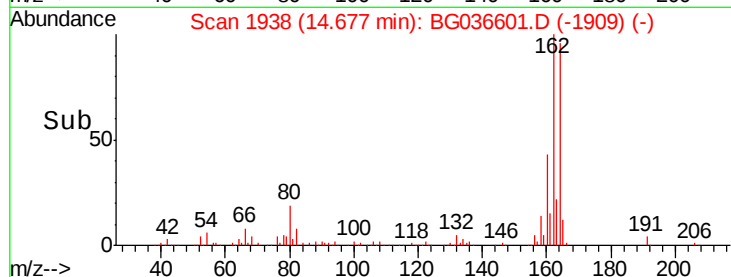
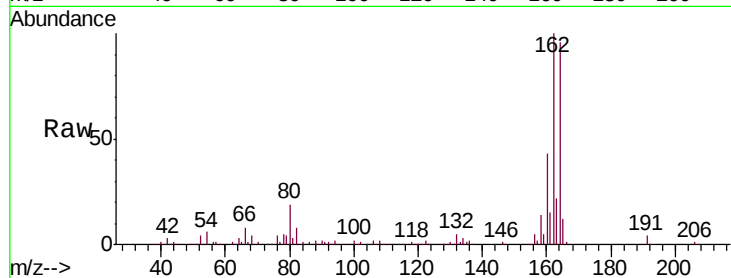




#56
 2,4-Dinitrotoluene
 Concen: 5.917 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036601.D
 Acq: 7 Sep 2018 17:40

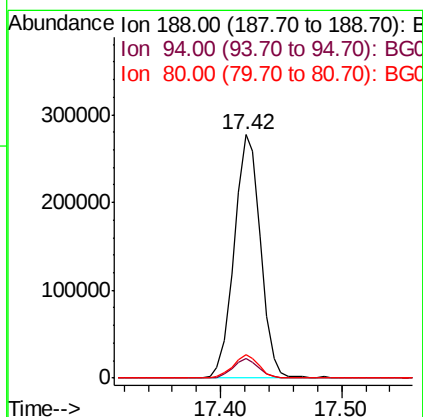
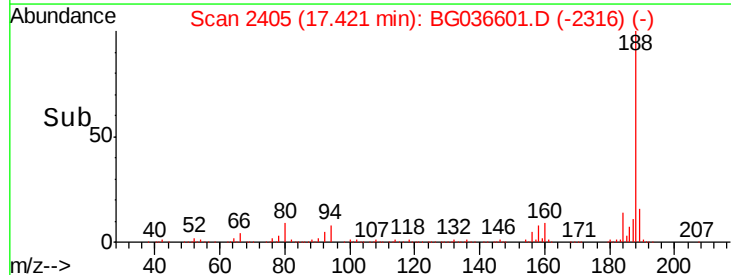
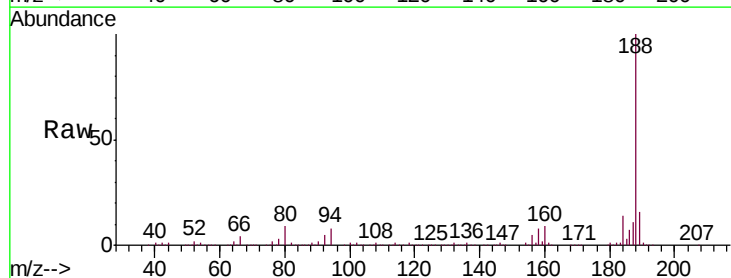
Instrument :
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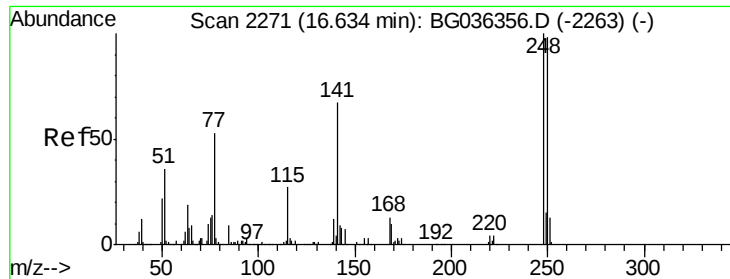
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	1.1	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036601.D
 Acq: 7 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.5	8.1	12.1

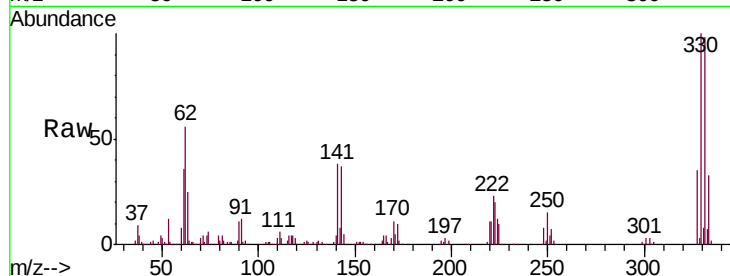




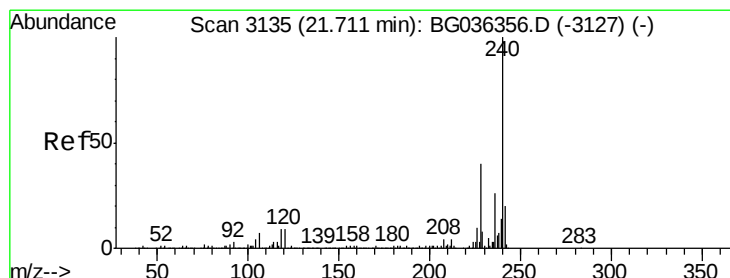
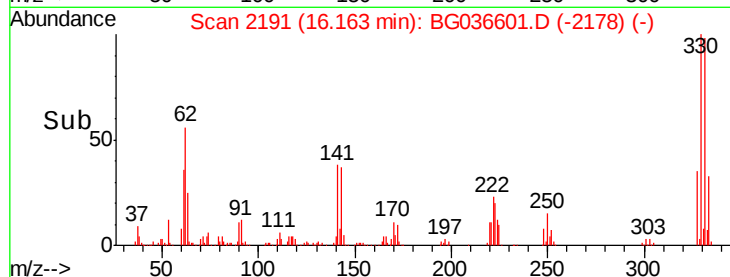
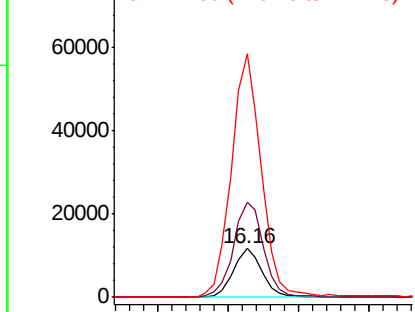
#66
4-Bromophenyl-phenylether
Concen: 3.395 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

Tgt Ion:248 Resp: 16733
Ion Ratio Lower Upper
248 100
250 196.6 78.1 117.1#
141 501.3 53.7 80.5#

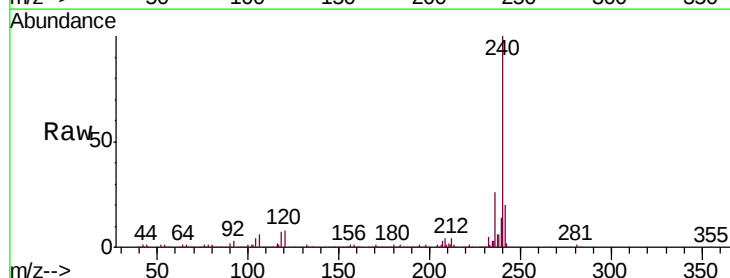


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

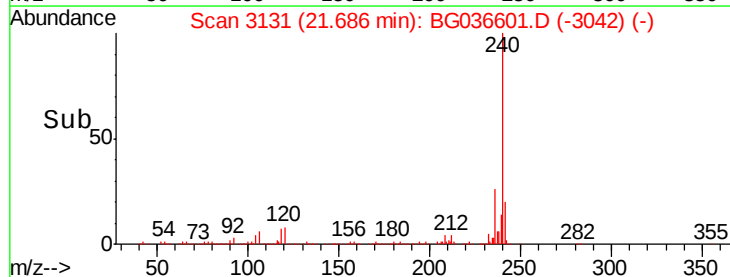
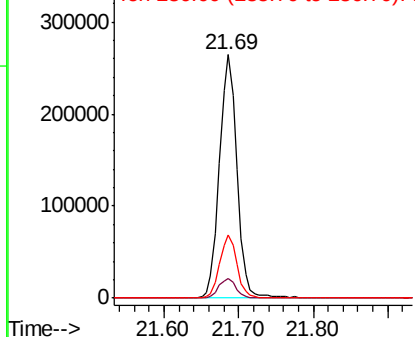


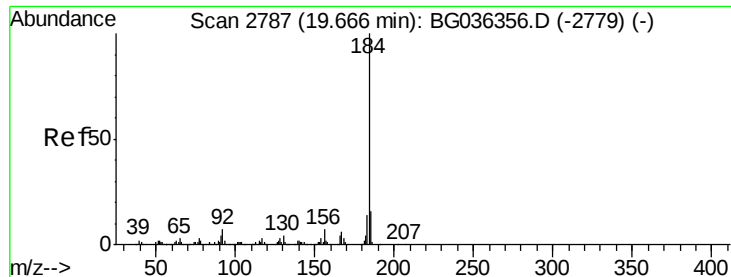
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Tgt Ion:240 Resp: 431929
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.7 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

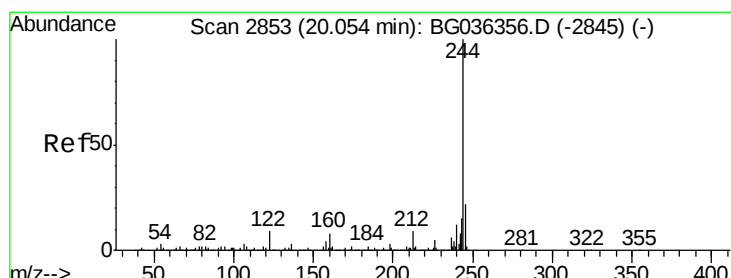
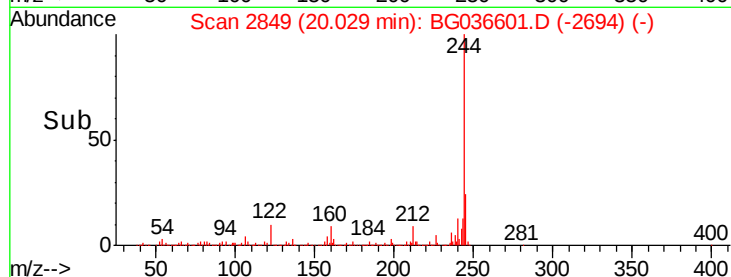
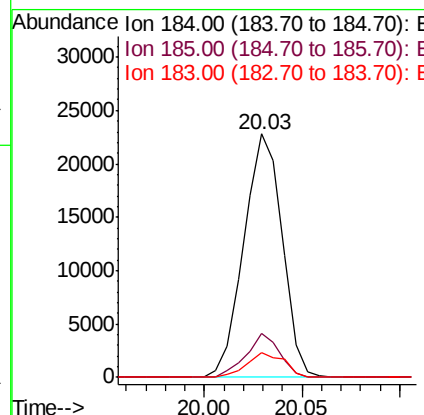
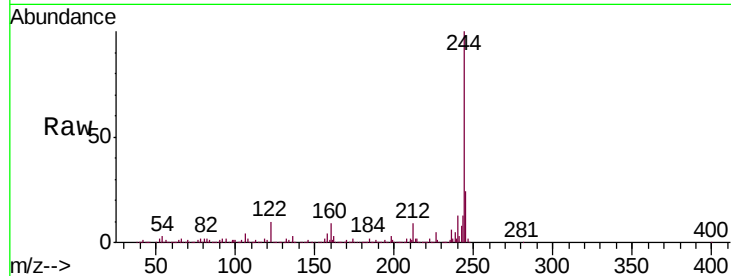




#76
Benzidine
Concen: 2.251 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

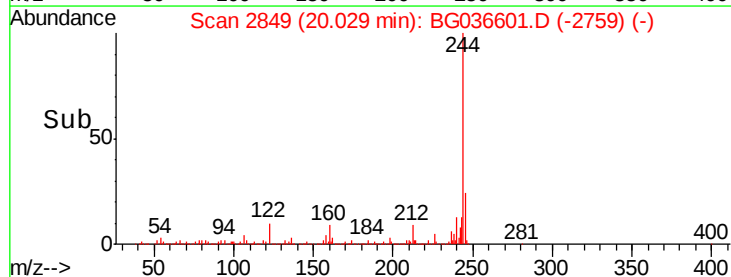
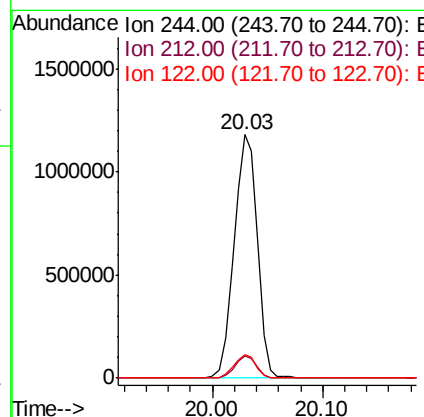
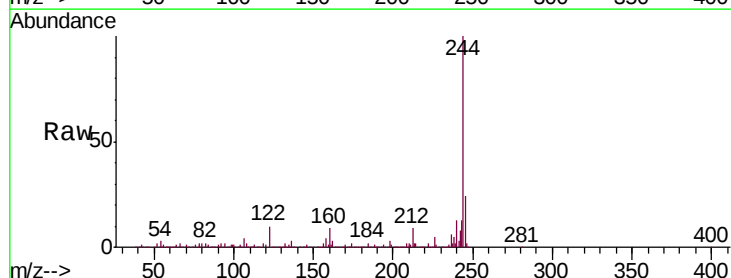
Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

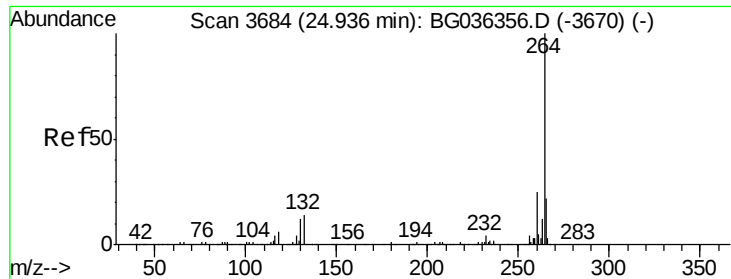
Tgt Ion:184 Resp: 31016
Ion Ratio Lower Upper
184 100
185 18.1 12.6 18.8
183 10.1 10.9 16.3#



#78
Terphenyl-d14
Concen: 93.885 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Tgt Ion:244 Resp: 1734945
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.6
122 9.7 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036601.D
Acq: 7 Sep 2018 17:40

Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.6	17.4	26.0

