

Data File : BG036692.D
Acq On : 13 Sep 2018 21:15
Operator : JU/SJ
Sample : J4875-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-S

Quant Time: Sep 14 01:24:30 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

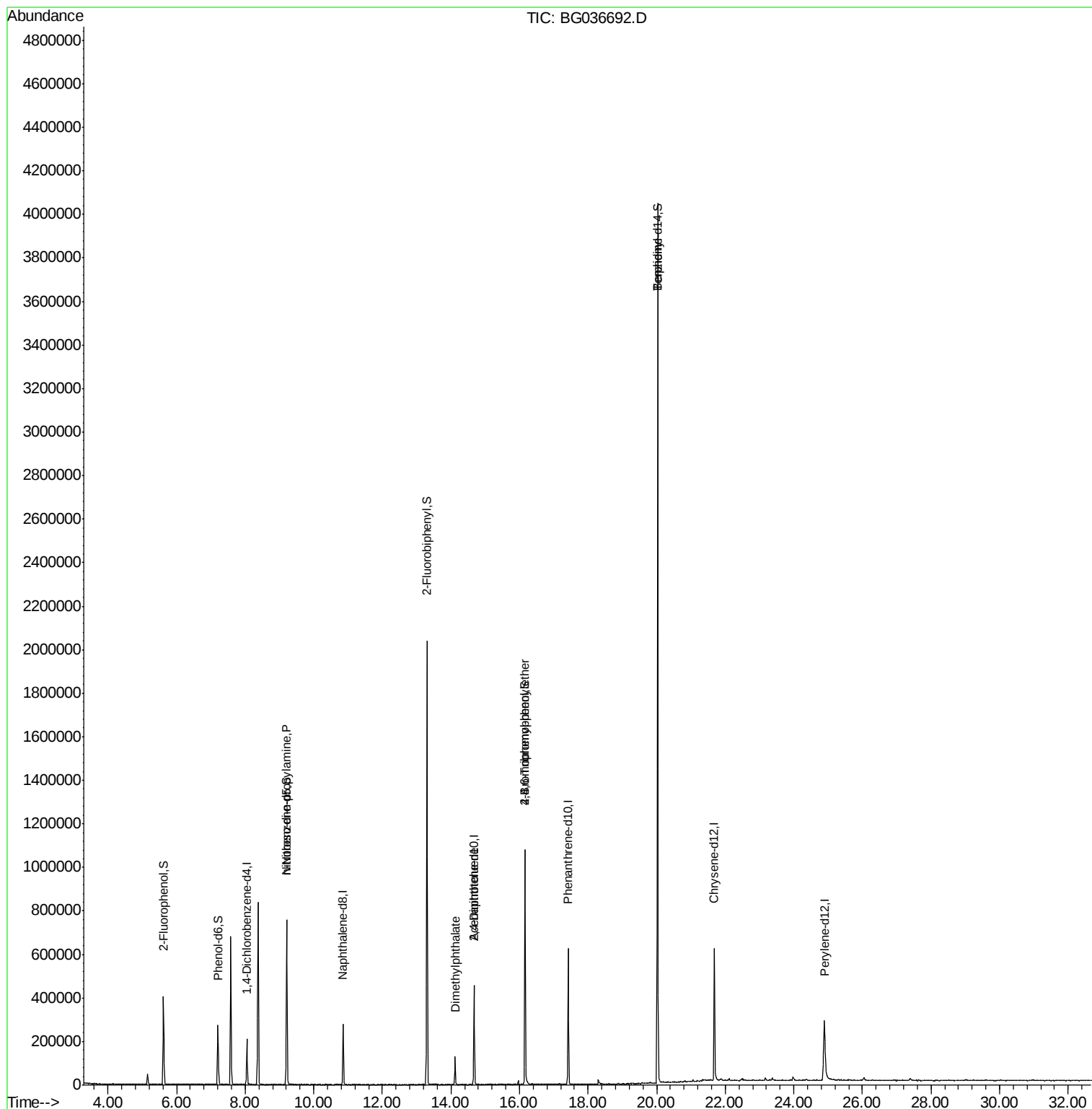
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58324	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	236835	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	155242	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	391638	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	407114	20.00	ng	-0.02
86) Perylene-d12	24.89	264	369843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	167520	45.56	ng	0.00
7) Phenol-d6	7.20	99	160603	30.51	ng	-0.02
23) Nitrobenzene-d5	9.22	82	465961	106.75	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	203094	109.64	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1024559	94.23	ng	-0.01
78) Terphenyl-d14	20.03	244	1819651	104.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62168	15.802	ng	# 71
49) Dimethylphthalate	14.12	163	86757	6.844	ng	# 98
56) 2,4-Dinitrotoluene	14.67	165	21102	6.207	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14046	3.063	ng	# 1
76) Benzidine	20.03	184	34397	2.648	ng	# 92

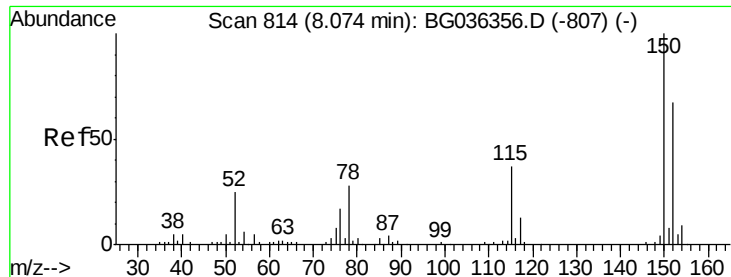
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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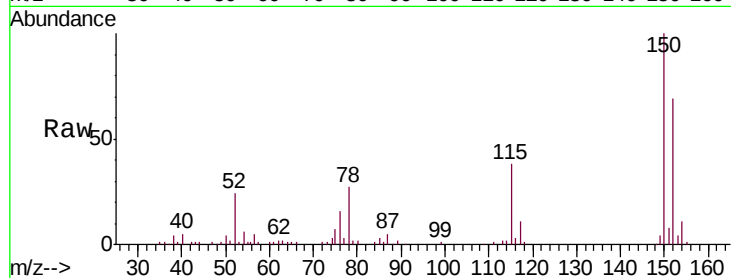


#1

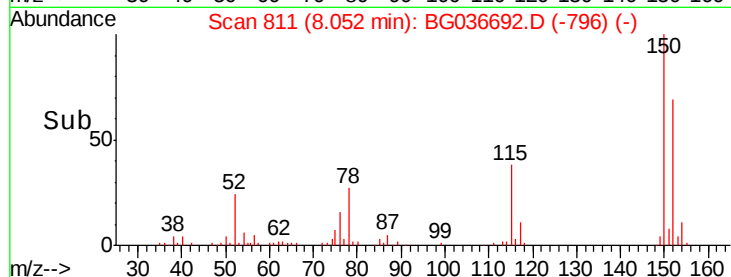
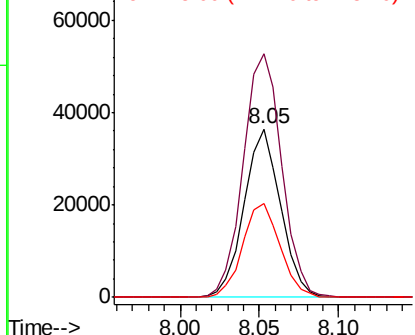
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036692.D
Acq: 13 Sep 2018 21:15

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-S

Tgt Ion:152 Resp: 58324
Ion Ratio Lower Upper
152 100
150 144.5 119.5 179.3
115 55.5 44.5 66.7



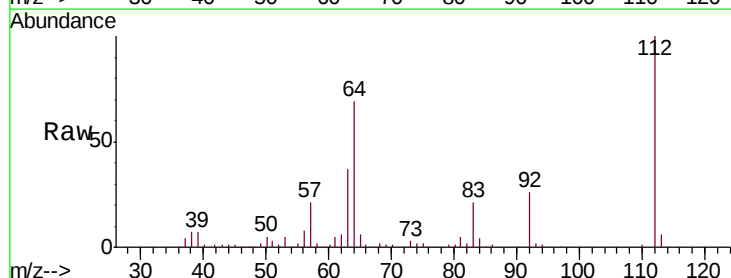
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



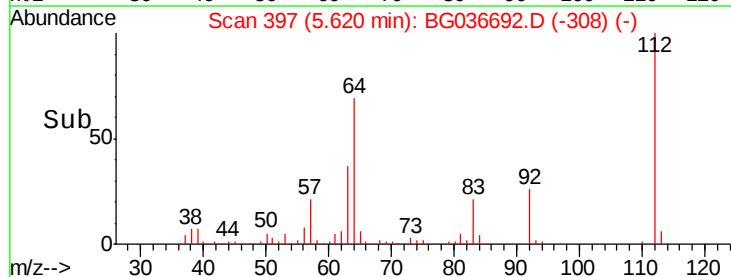
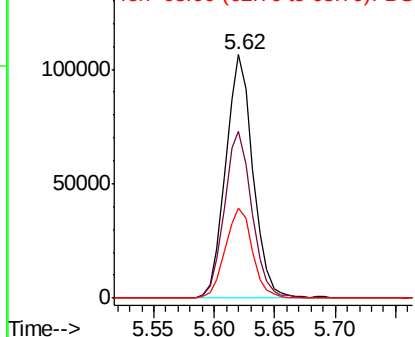
#5

2-Fluorophenol
Concen: 45.562 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036692.D
Acq: 13 Sep 2018 21:15

Tgt Ion:112 Resp: 167520
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 36.8 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: 30.509 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036692.D

Acq: 13 Sep 2018 21:15

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-S

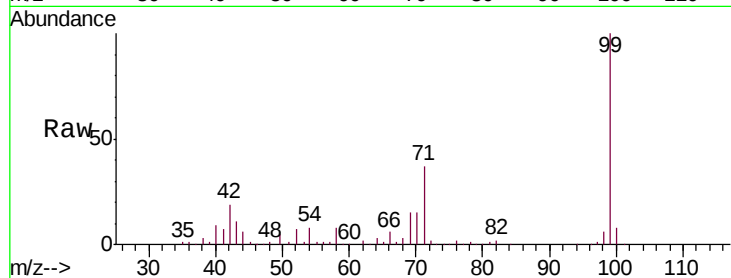
Tgt Ion: 99 Resp: 160603

Ion Ratio Lower Upper

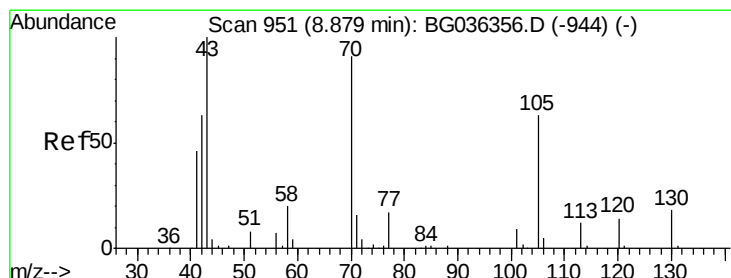
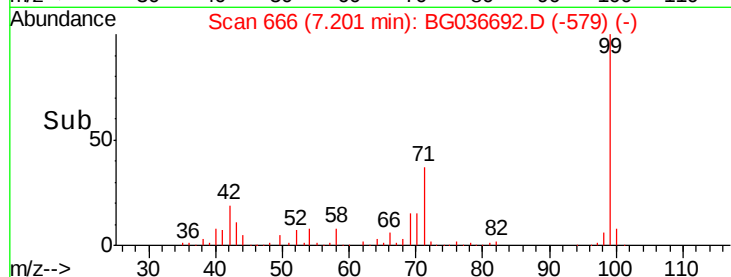
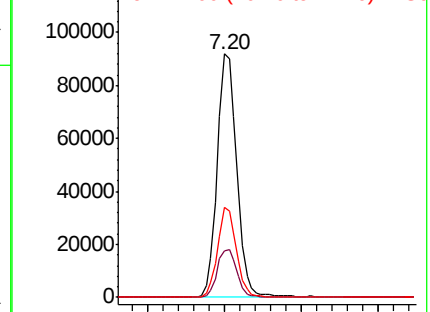
99 100

42 19.1 16.5 24.7

71 36.9 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: 15.802 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036692.D

Acq: 13 Sep 2018 21:15

Tgt Ion: 70 Resp: 62168

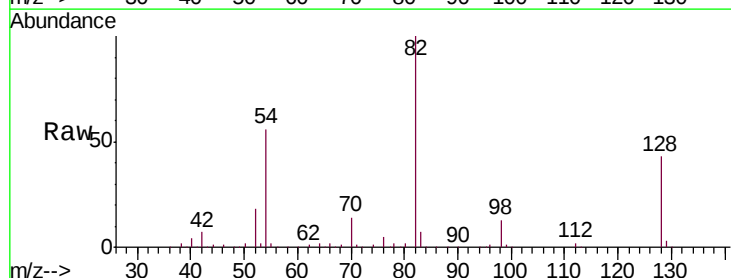
Ion Ratio Lower Upper

70 100

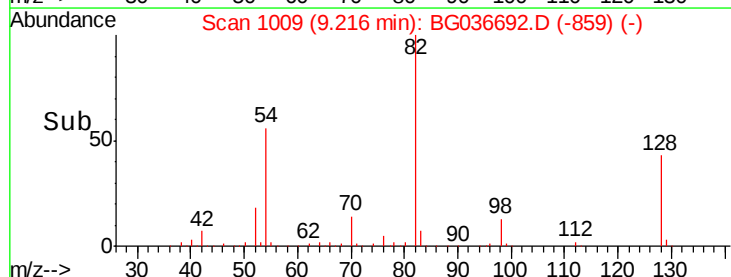
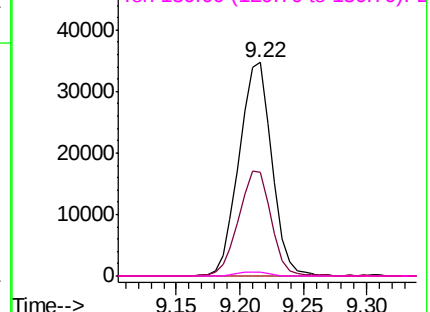
42 48.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 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

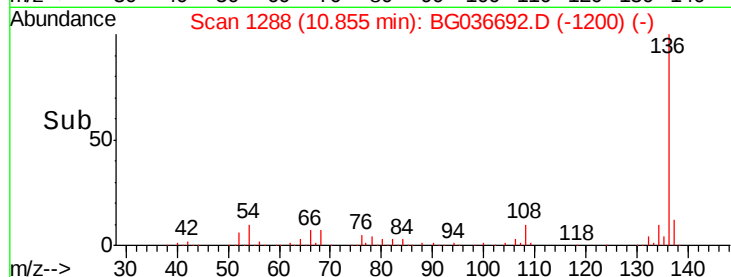
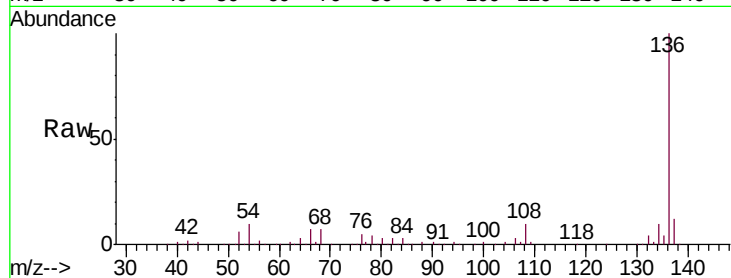




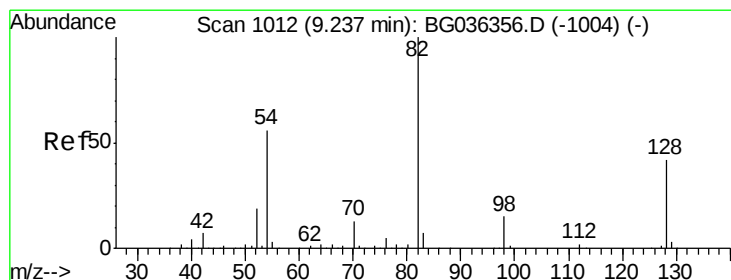
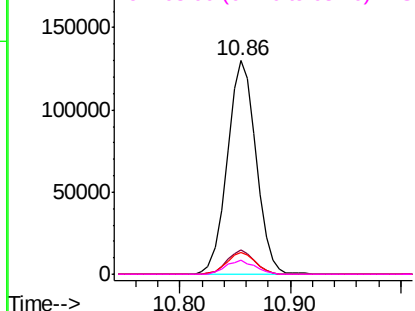
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036692.D
Acq: 13 Sep 2018 21:15

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-S

Tgt Ion:	136	Resp:	236835
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.0	9.2	13.8
68	6.7	5.8	8.6

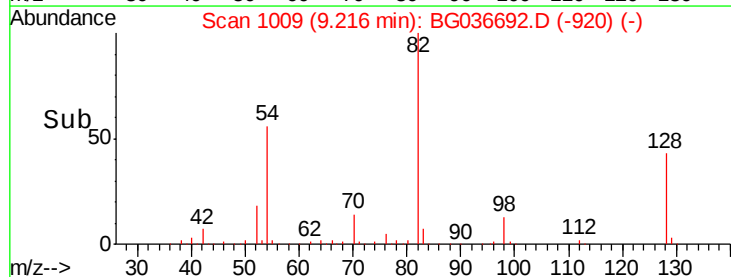
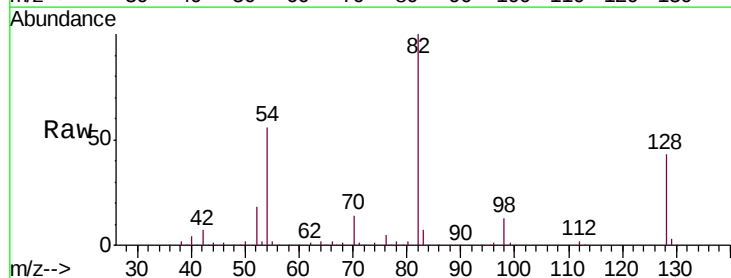


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

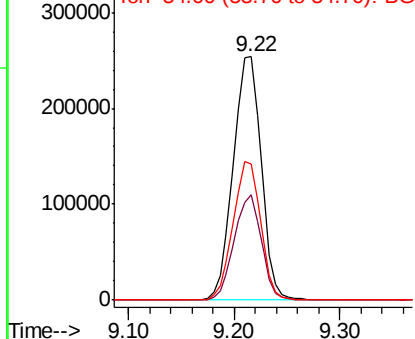


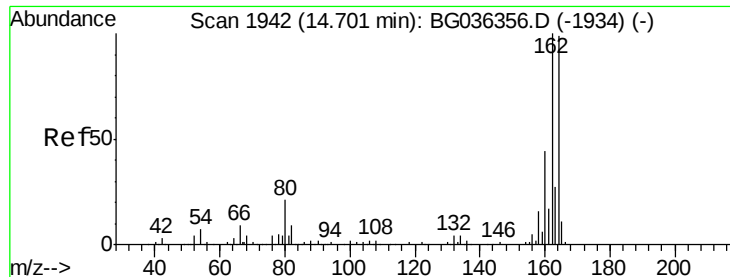
#23
Nitrobenzene-d5
Concen: 106.747 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036692.D
Acq: 13 Sep 2018 21:15

Tgt Ion:	82	Resp:	465961
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.3	49.9
54	55.9	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036692.D

Acq: 13 Sep 2018 21:15

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-S

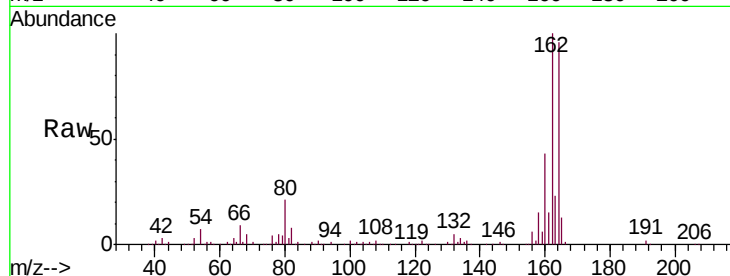
Tgt Ion:164 Resp: 155242

Ion Ratio Lower Upper

164 100

162 104.4 80.7 121.1

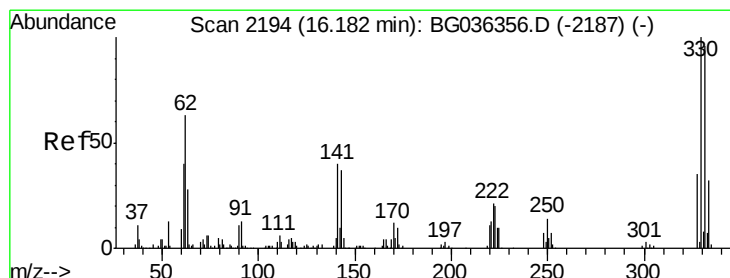
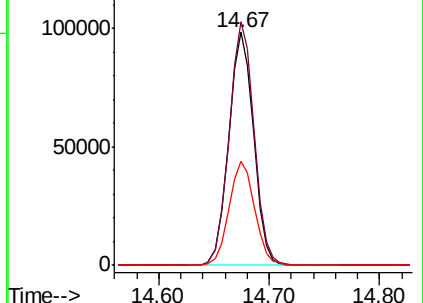
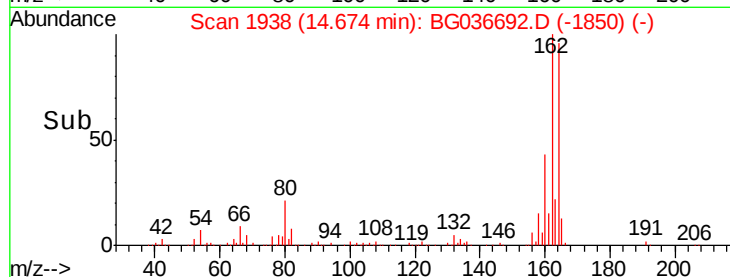
160 44.9 35.3 52.9



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: 109.639 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036692.D

Acq: 13 Sep 2018 21:15

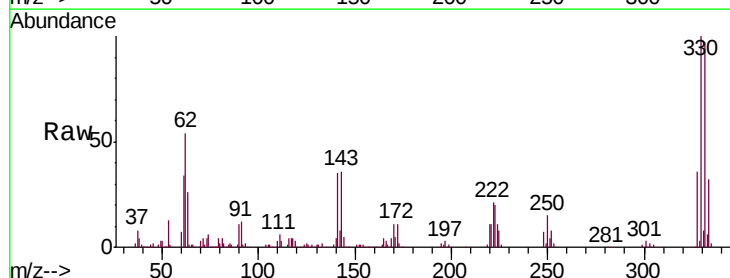
Tgt Ion:330 Resp: 203094

Ion Ratio Lower Upper

330 100

332 95.6 75.4 113.2

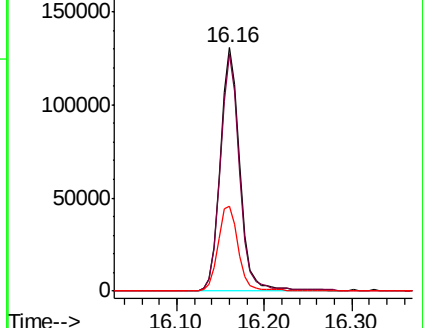
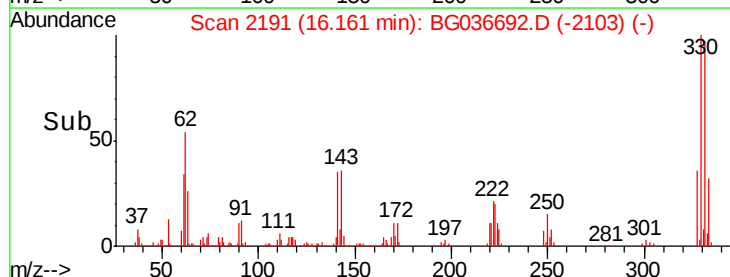
141 36.4 30.7 46.1



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

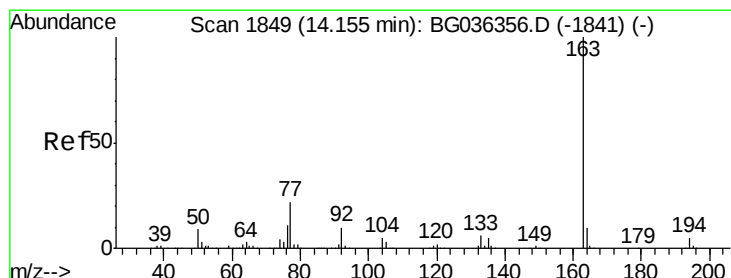
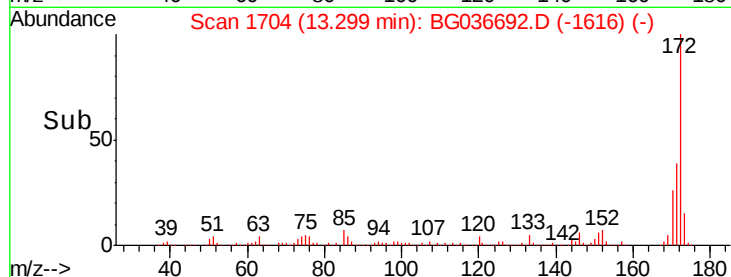
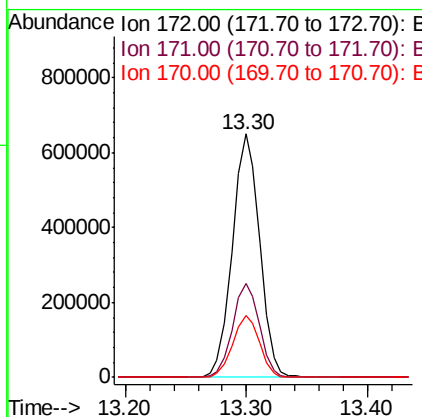
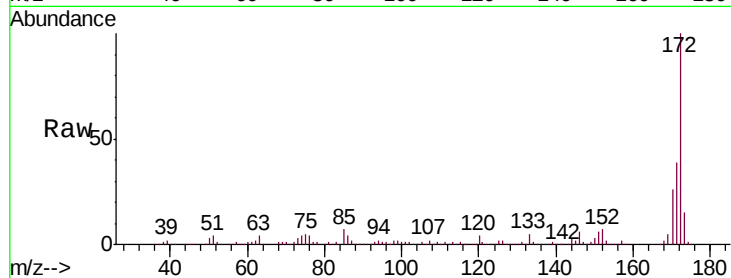




#44
 2-Fluorobiphenyl
 Concen: 94.233 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036692.D
 Acq: 13 Sep 2018 21:15

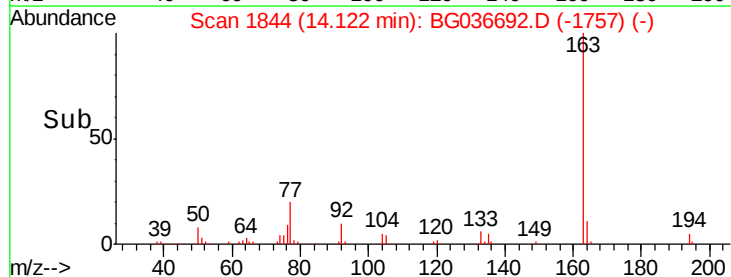
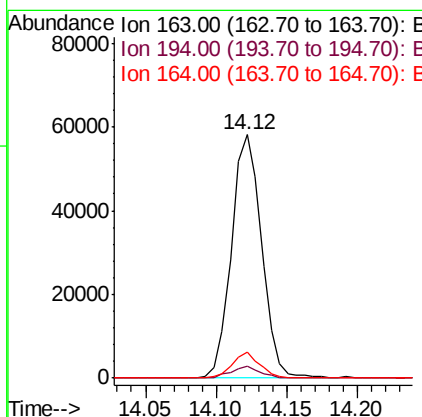
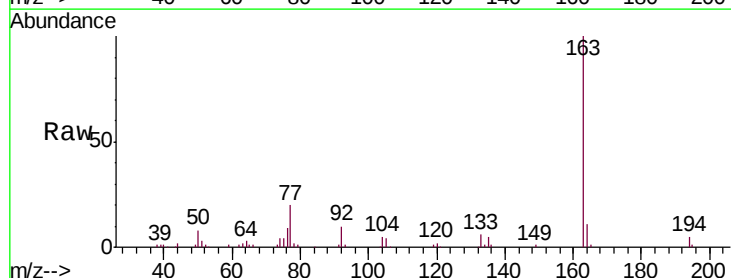
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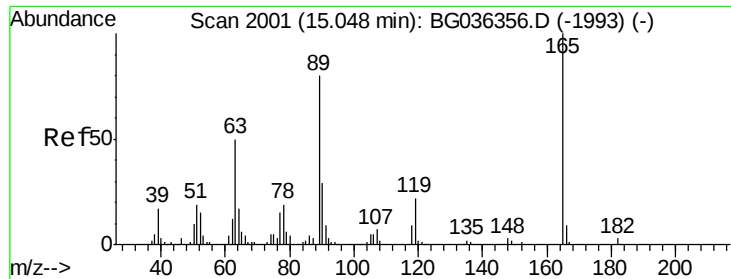
Tgt Ion:172 Resp: 1024559
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 25.6 21.0 31.6



#49
 Dimethylphthalate
 Concen: 6.844 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BG036692.D
 Acq: 13 Sep 2018 21:15

Tgt Ion:163 Resp: 86757
 Ion Ratio Lower Upper
 163 100
 194 4.9 4.0 6.0
 164 10.9 8.1 12.1

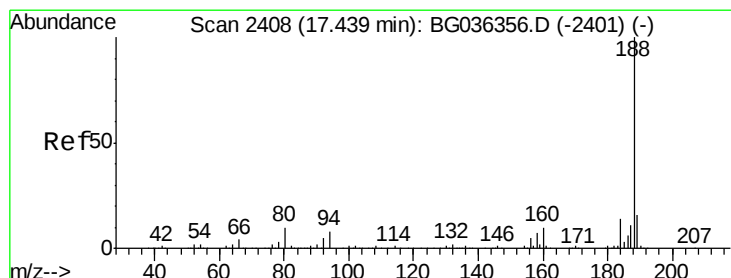
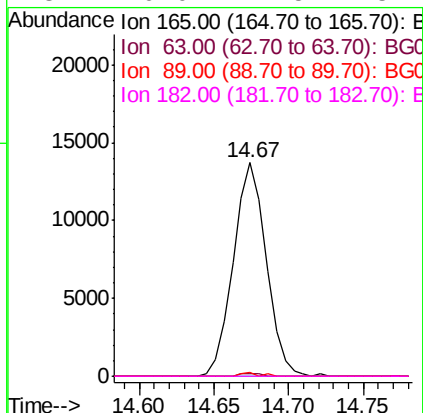
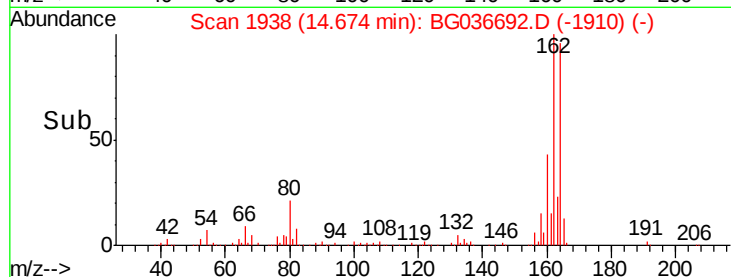
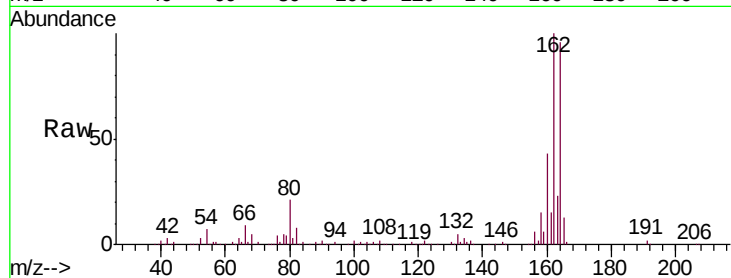




#56
 2,4-Dinitrotoluene
 Concen: 6.207 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036692.D
 Acq: 13 Sep 2018 21:15

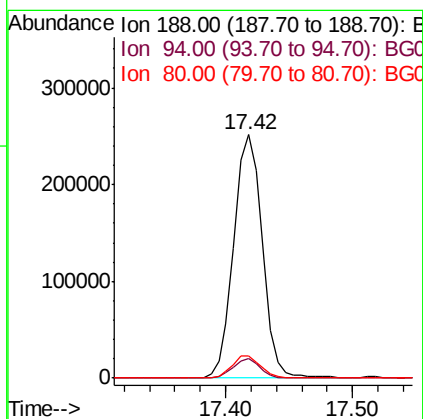
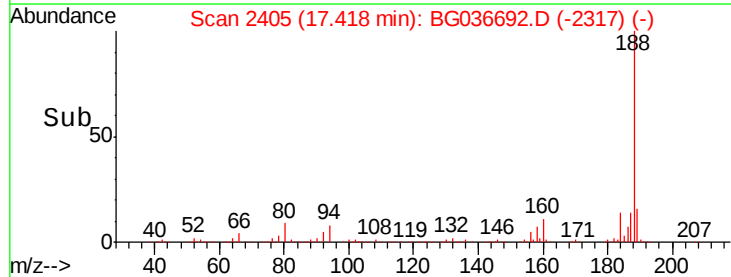
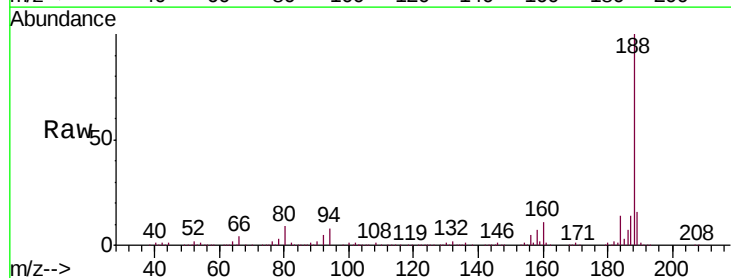
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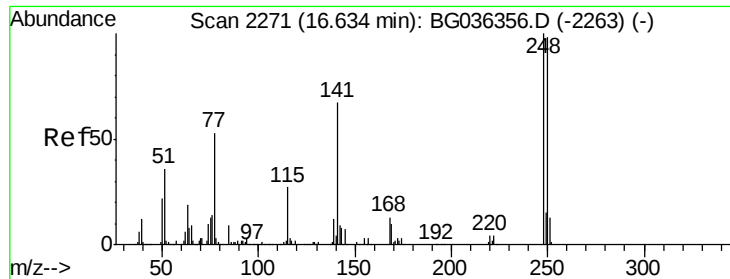
Tgt Ion:	165	Resp:	21102
Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	1.6	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036692.D
 Acq: 13 Sep 2018 21:15

Tgt Ion:	188	Resp:	391638
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.2	8.1	12.1

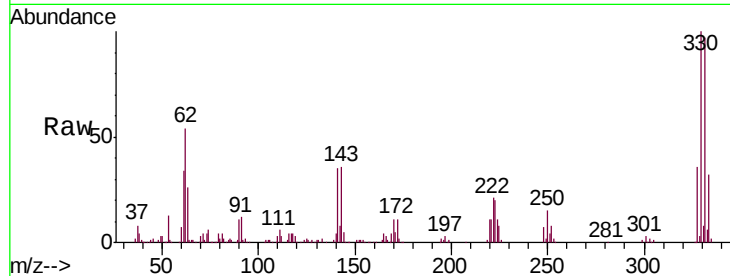




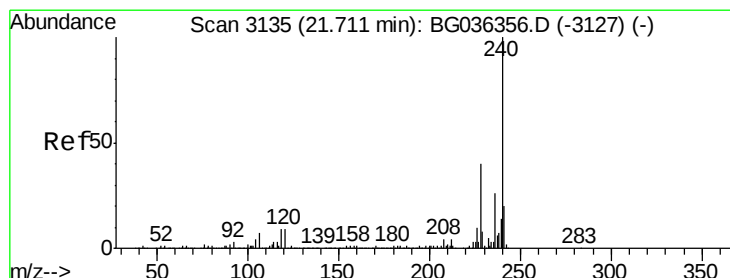
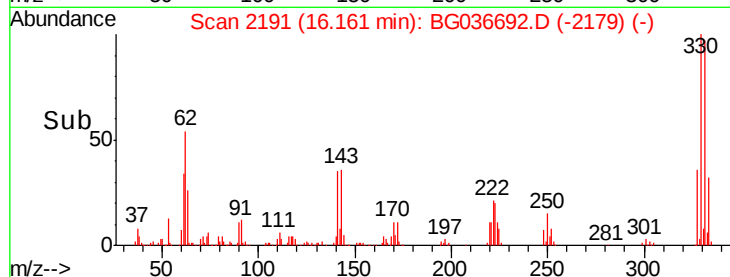
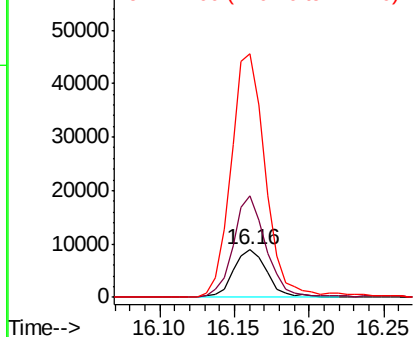
#66
 4-Bromophenyl-phenylether
 Concen: 3.063 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036692.D
 Acq: 13 Sep 2018 21:15

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-U-S

Tgt Ion:248 Resp: 14046
 Ion Ratio Lower Upper
 248 100
 250 214.6 78.1 117.1#
 141 515.1 53.7 80.5#

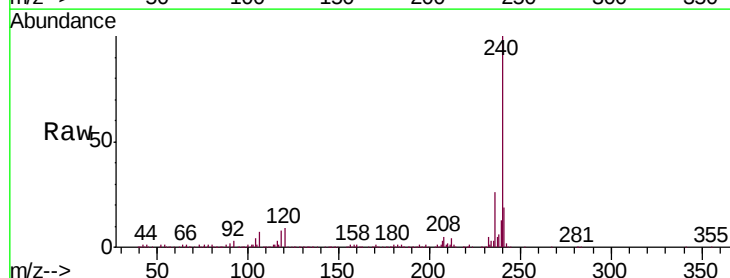


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

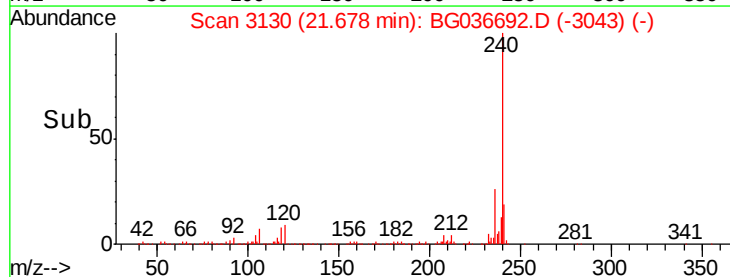
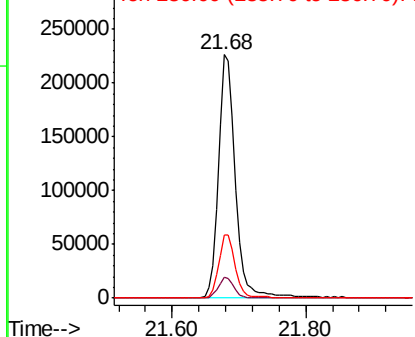


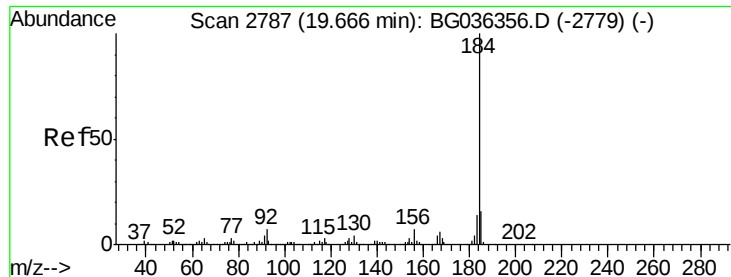
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036692.D
 Acq: 13 Sep 2018 21:15

Tgt Ion:240 Resp: 407114
 Ion Ratio Lower Upper
 240 100
 120 8.6 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





#76

Benzidine

Concen: 2.648 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036692.D

Acq: 13 Sep 2018 21:15

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-S

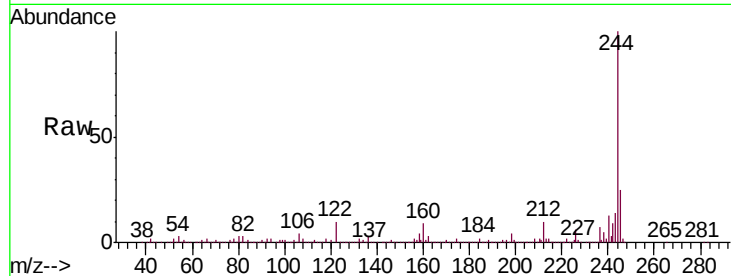
Tgt Ion:184 Resp: 34397

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

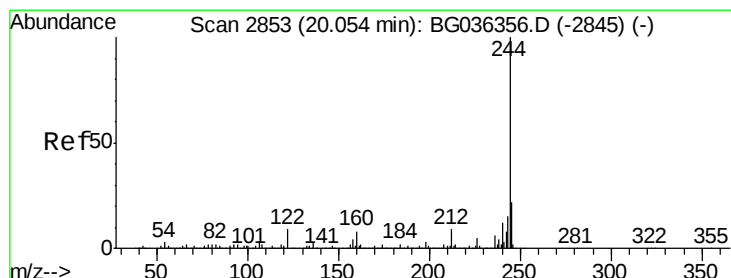
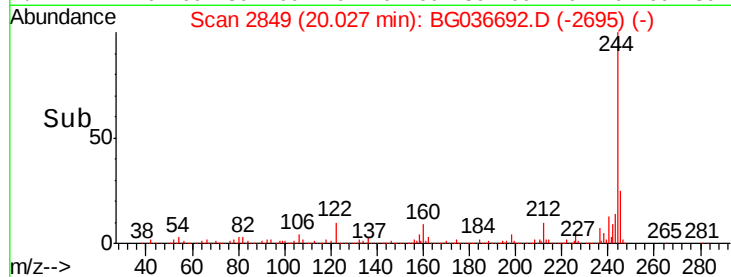
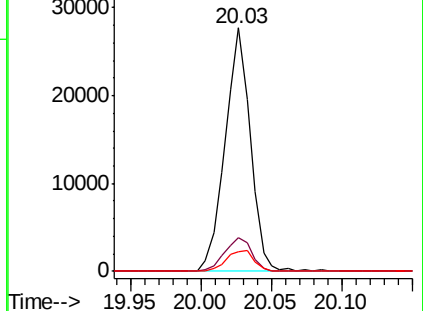
183 8.3 10.9 16.3#



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: 104.471 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036692.D

Acq: 13 Sep 2018 21:15

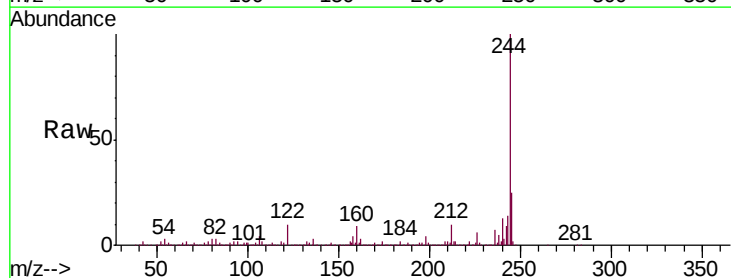
Tgt Ion:244 Resp: 1819651

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

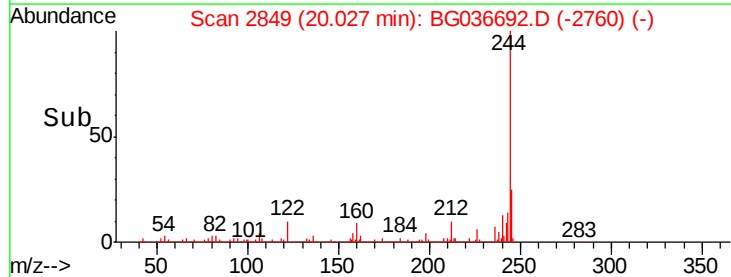
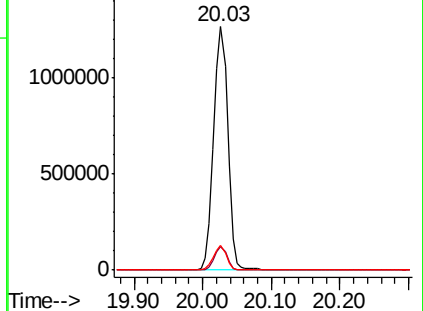
122 10.1 7.1 10.7

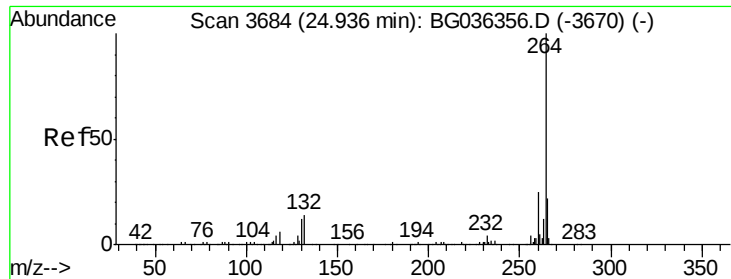


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036692.D
Acq: 13 Sep 2018 21:15

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.5	17.4	26.0

