

Data File : BG036688.D
Acq On : 13 Sep 2018 18:39
Operator : JU/SJ
Sample : J4875-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-D-M

Quant Time: Sep 14 01:23:44 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

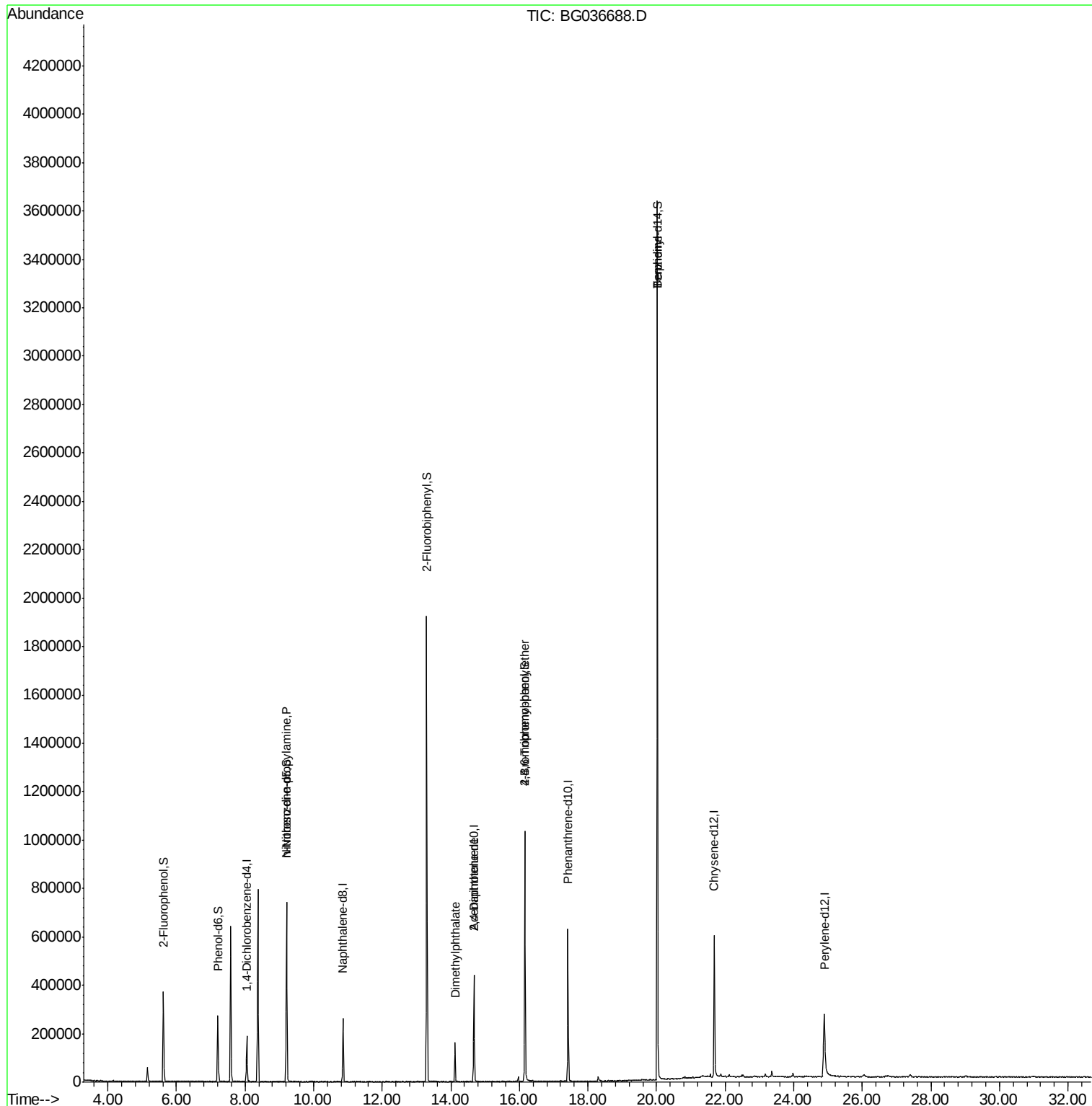
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54002	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	228608	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152959	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	393318	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	395143	20.00	ng	-0.01
86) Perylene-d12	24.88	264	350584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	158851	46.66	ng	0.00
7) Phenol-d6	7.20	99	159290	32.68	ng	-0.01
23) Nitrobenzene-d5	9.21	82	447445	106.19	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	194503	106.57	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	998968	93.25	ng	-0.01
78) Terphenyl-d14	20.02	244	1763997	104.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	59783	16.412	ng	# 69
49) Dimethylphthalate	14.13	163	112264	8.988	ng	# 98
56) 2,4-Dinitrotoluene	14.67	165	19780	5.905	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13445	2.920	ng	# 1
76) Benzidine	20.02	184	32493	2.577	ng	# 92

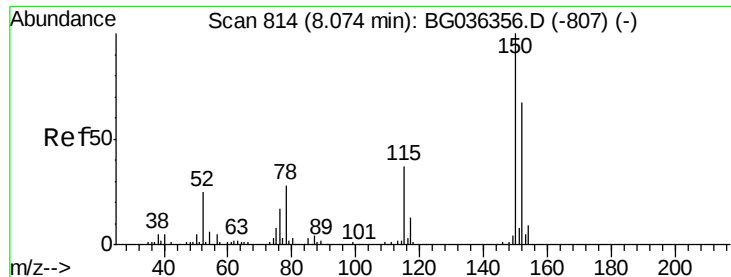
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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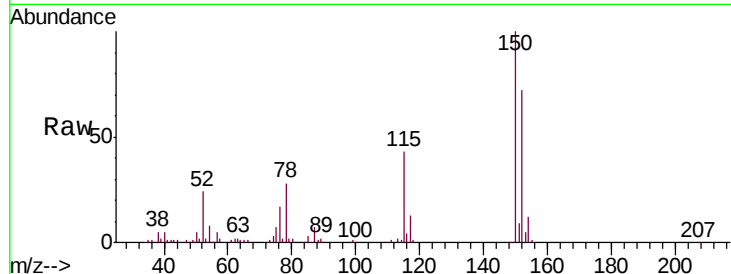


#1

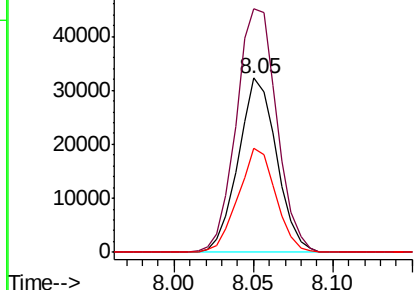
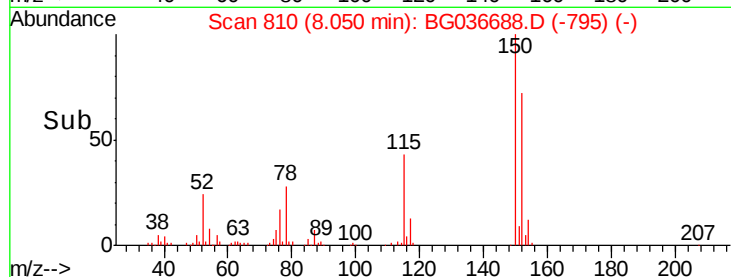
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036688.D
 Acq: 13 Sep 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-M

Tgt Ion:152 Resp: 54002
 Ion Ratio Lower Upper
 152 100
 150 139.8 119.5 179.3
 115 60.1 44.5 66.7



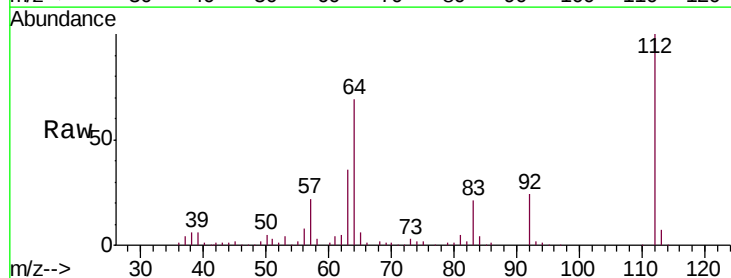
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



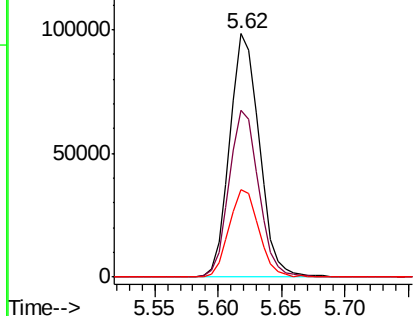
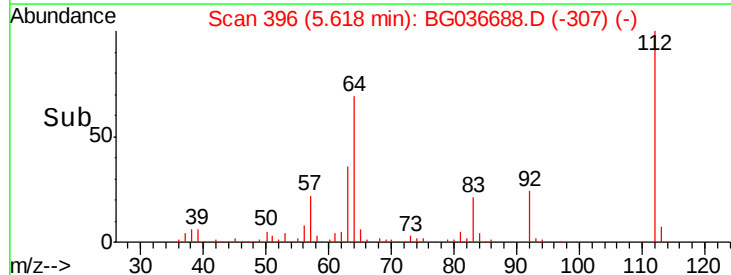
#5

2-Fluorophenol
 Concen: 46.662 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036688.D
 Acq: 13 Sep 2018 18:39

Tgt Ion:112 Resp: 158851
 Ion Ratio Lower Upper
 112 100
 64 68.6 57.2 85.8
 63 35.9 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: 32.681 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036688.D

Acq: 13 Sep 2018 18:39

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-M

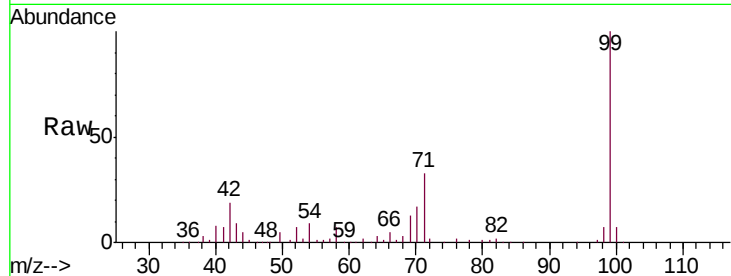
Tgt Ion: 99 Resp: 159290

Ion Ratio Lower Upper

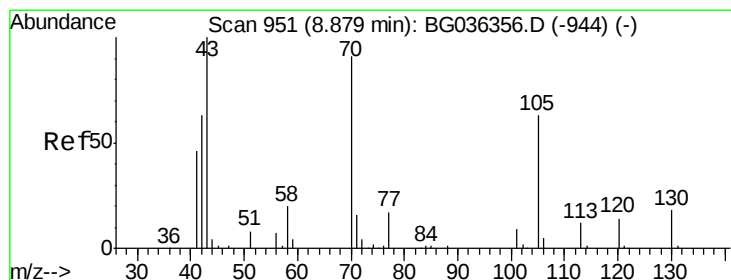
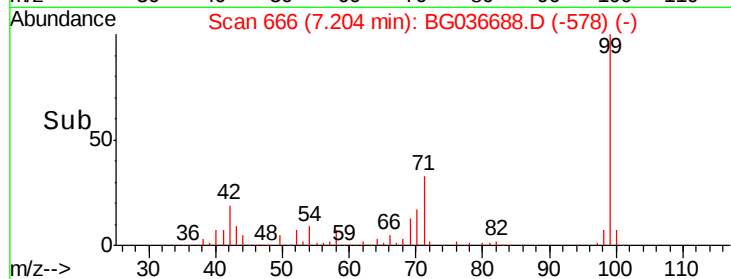
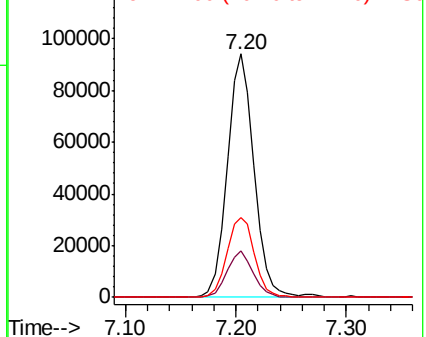
99 100

42 19.1 16.5 24.7

71 32.8 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: 16.412 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036688.D

Acq: 13 Sep 2018 18:39

Tgt Ion: 70 Resp: 59783

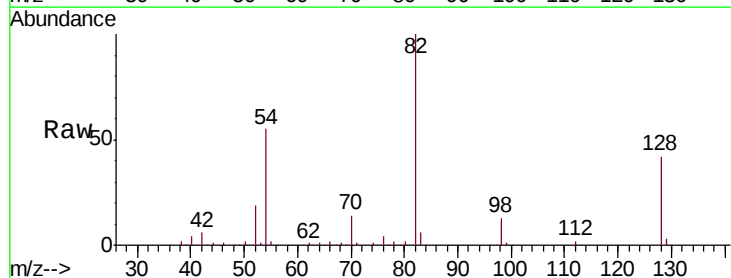
Ion Ratio Lower Upper

70 100

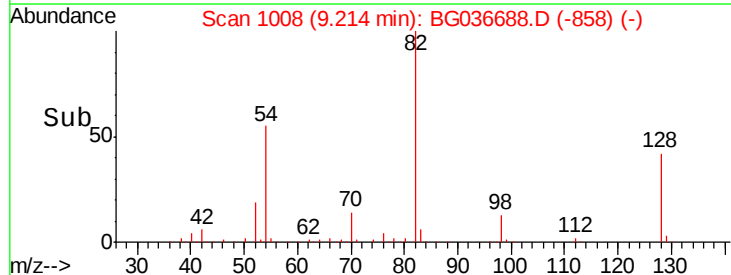
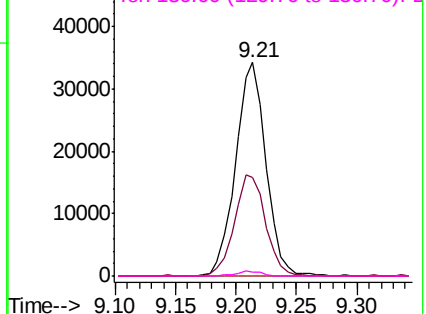
42 46.2 56.2 84.4#

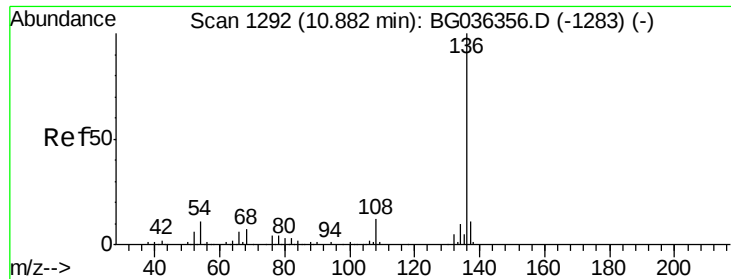
101 0.0 7.8 11.6#

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

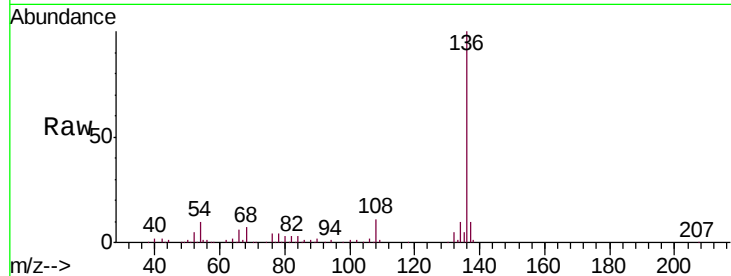




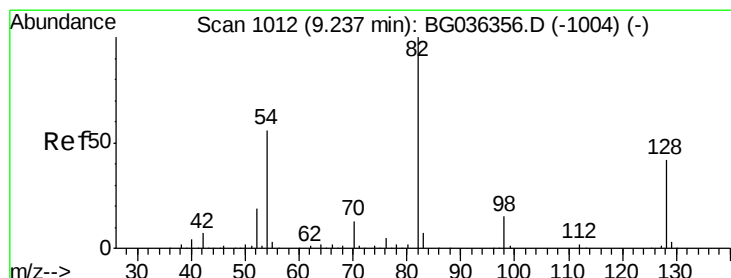
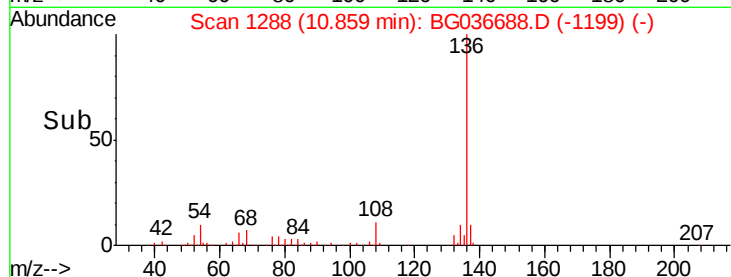
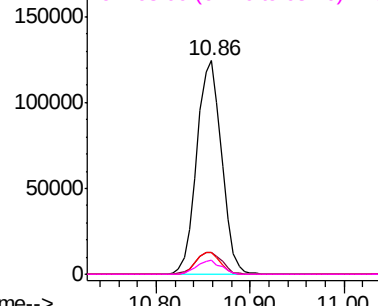
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036688.D
Acq: 13 Sep 2018 18:39

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-D-M

Tgt Ion:	136	Resp:	228608
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	10.0	9.2	13.8
68	6.8	5.8	8.6

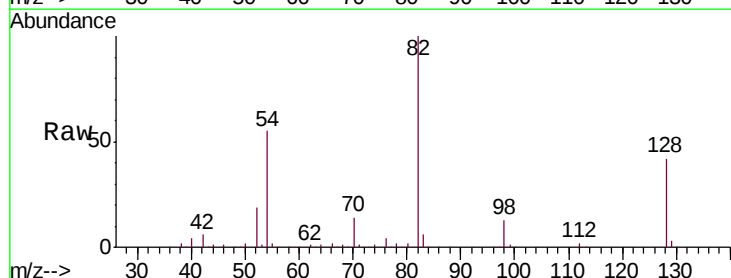


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

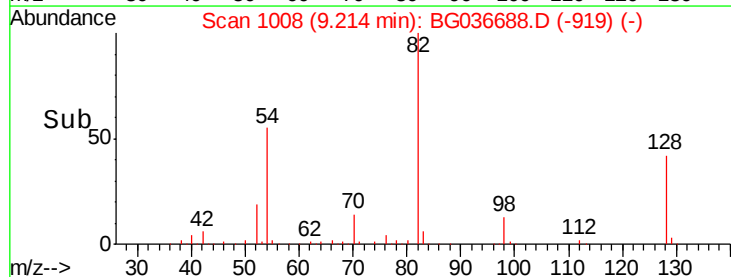
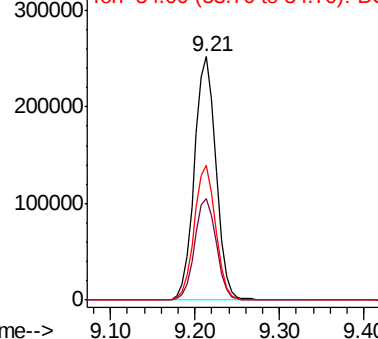


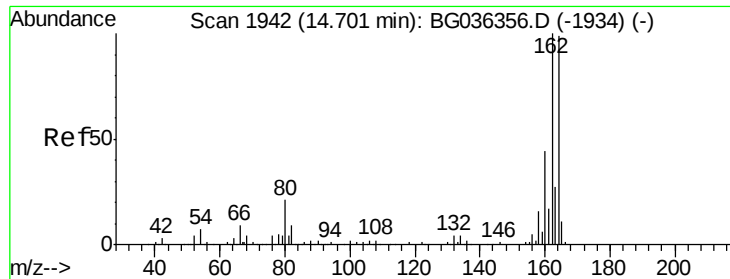
#23
Nitrobenzene-d5
Concen: 106.194 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036688.D
Acq: 13 Sep 2018 18:39

Tgt Ion:	82	Resp:	447445
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	55.4	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: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036688.D

Acq: 13 Sep 2018 18:39

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-M

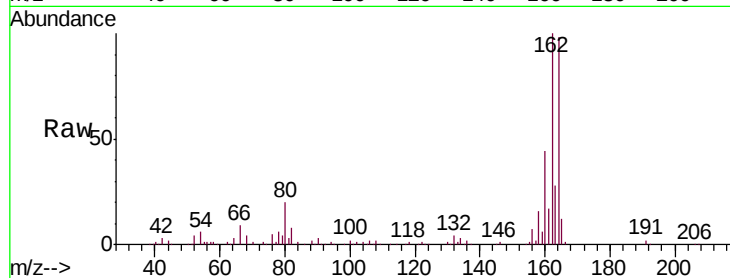
Tgt Ion:164 Resp: 152959

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

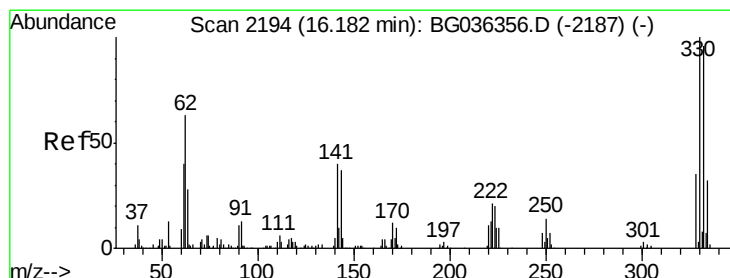
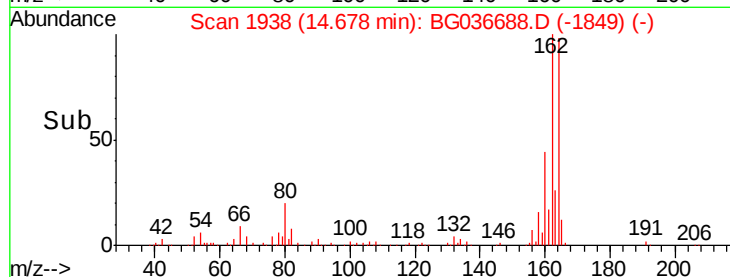
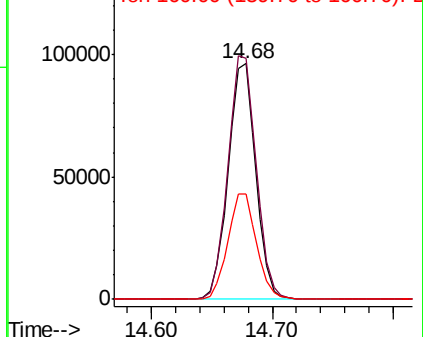
160 44.5 35.3 52.9



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: 106.569 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036688.D

Acq: 13 Sep 2018 18:39

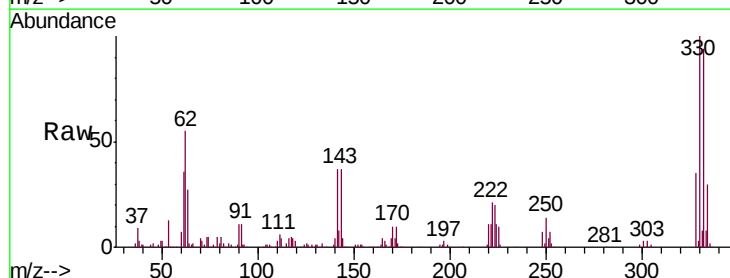
Tgt Ion:330 Resp: 194503

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.2

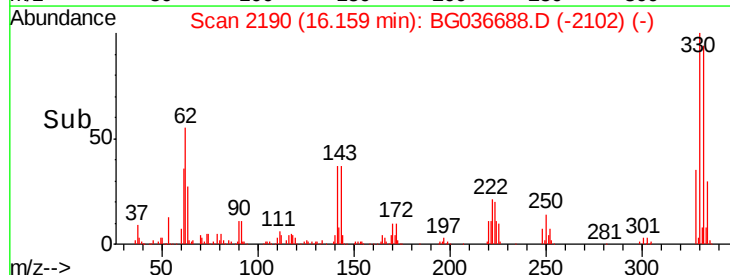
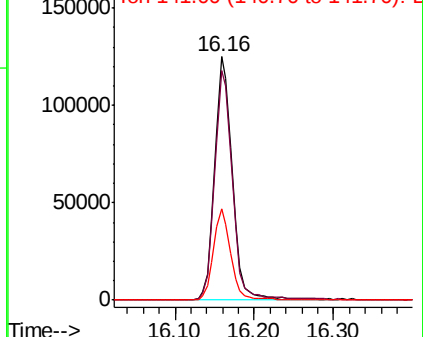
141 36.4 30.7 46.1



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

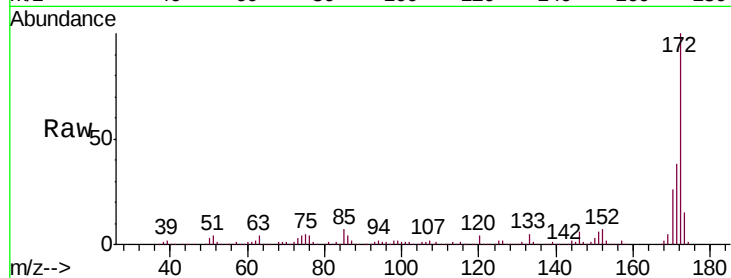




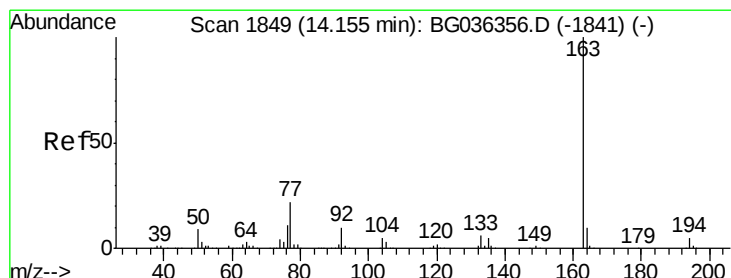
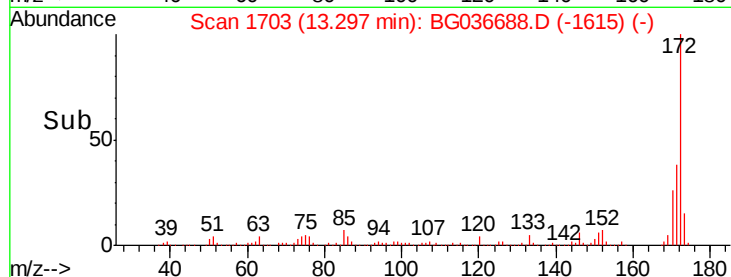
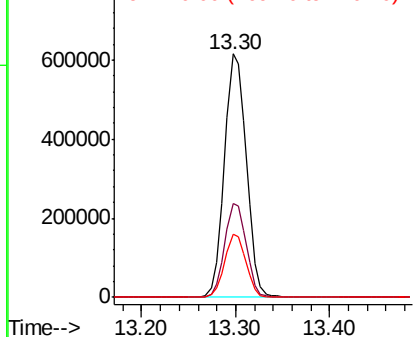
#44
2-Fluorobiphenyl
Concen: 93.250 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036688.D
Acq: 13 Sep 2018 18:39

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-D-M

Tgt Ion:172 Resp: 998968
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 26.0 21.0 31.6

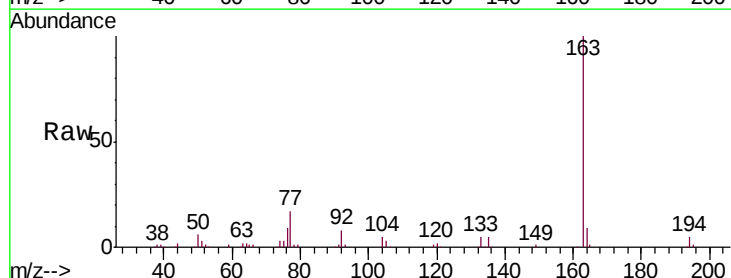


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

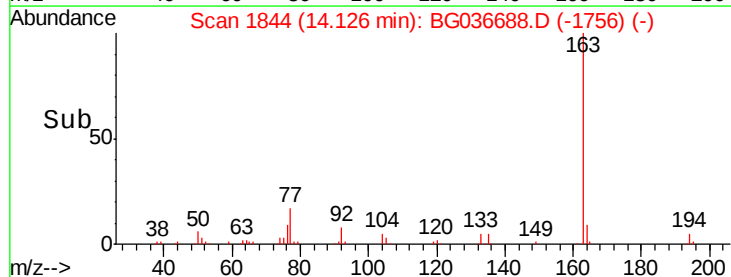
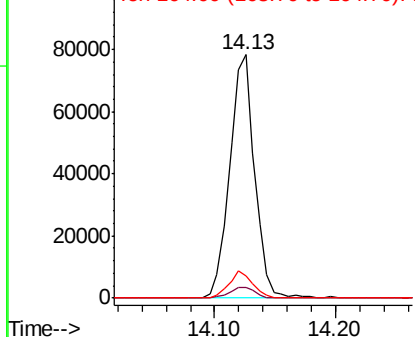


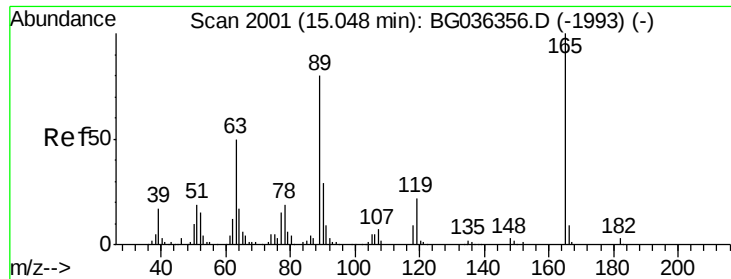
#49
Dimethylphthalate
Concen: 8.988 ng
RT: 14.13 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036688.D
Acq: 13 Sep 2018 18:39

Tgt Ion:163 Resp: 112264
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 9.3 8.1 12.1



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

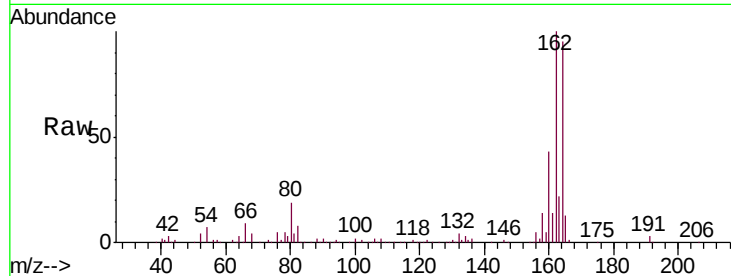




#56
 2,4-Dinitrotoluene
 Concen: 5.905 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036688.D
 Acq: 13 Sep 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	3.0	63.7	95.5#
182	0.0	2.5	3.7#



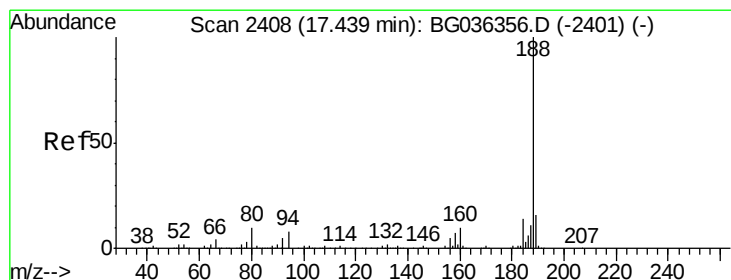
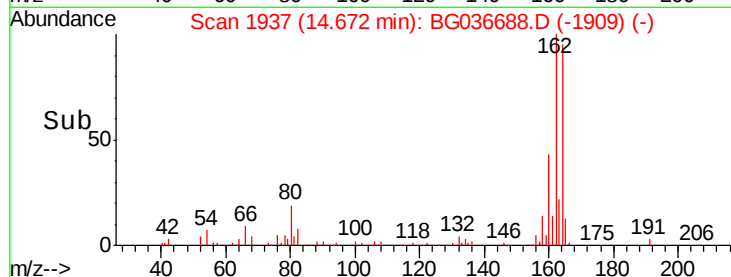
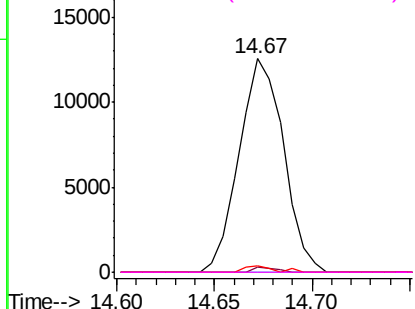
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

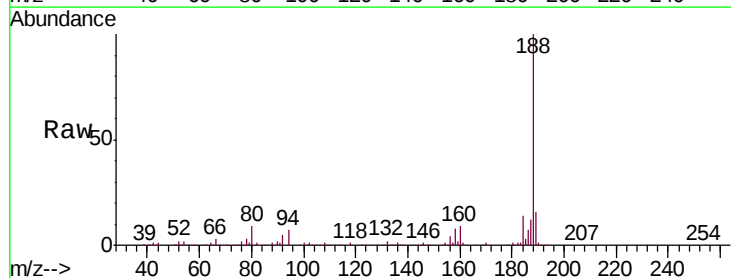
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036688.D
 Acq: 13 Sep 2018 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.5	8.1	12.1

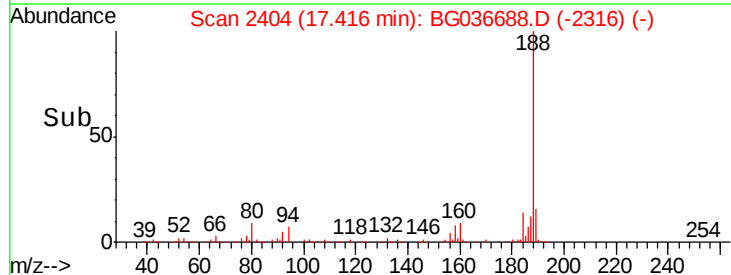
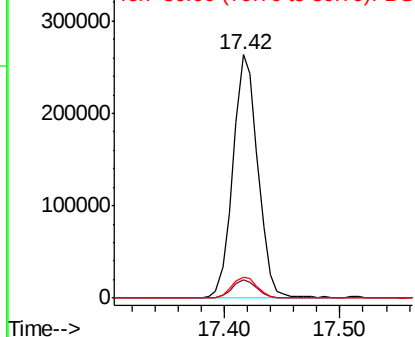


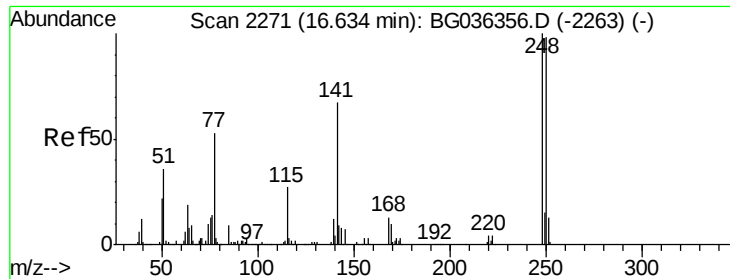
Abundance

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

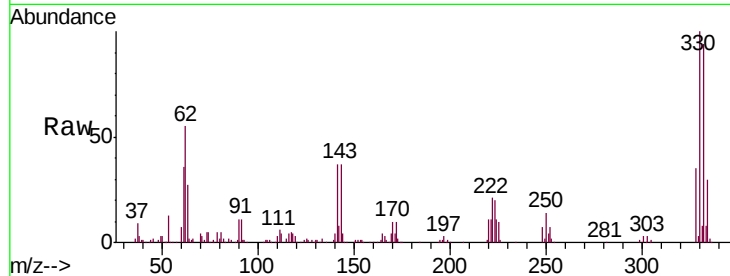




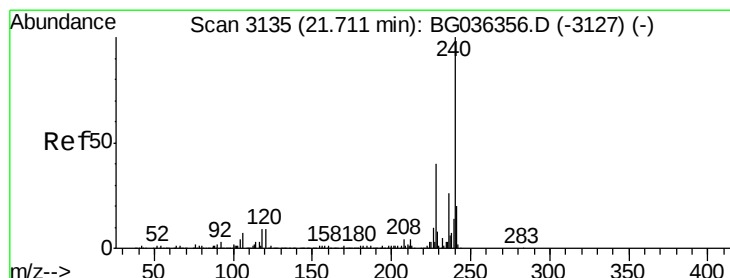
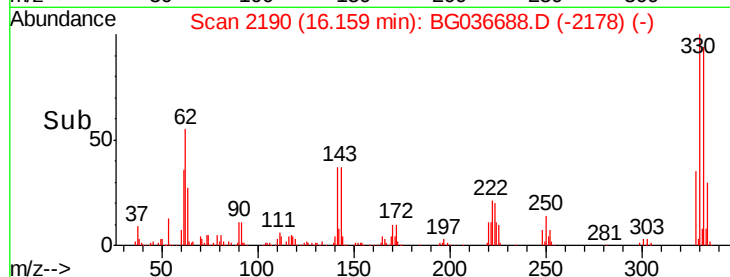
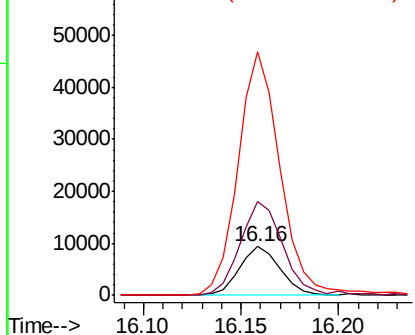
#66
 4-Bromophenyl-phenylether
 Concen: 2.920 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036688.D
 Acq: 13 Sep 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-D-M

Tgt Ion: 248 Resp: 13445
 Ion Ratio Lower Upper
 248 100
 250 194.1 78.1 117.1#
 141 501.8 53.7 80.5#

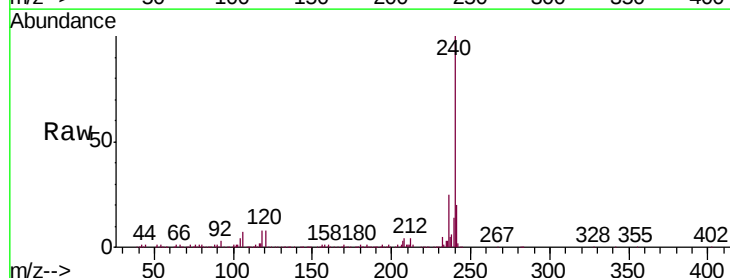


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

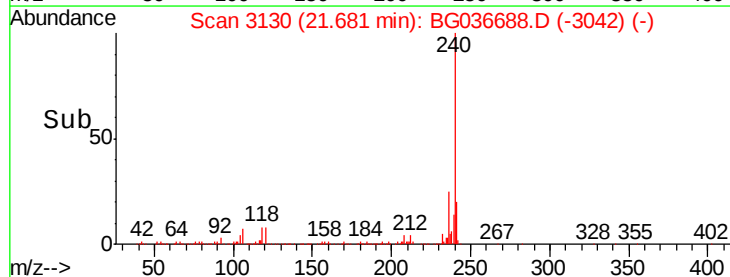
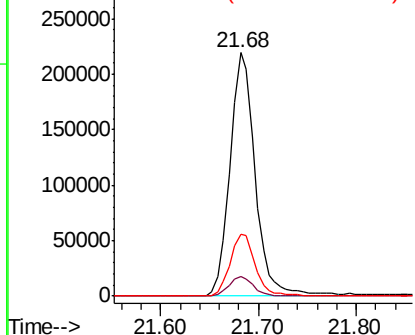


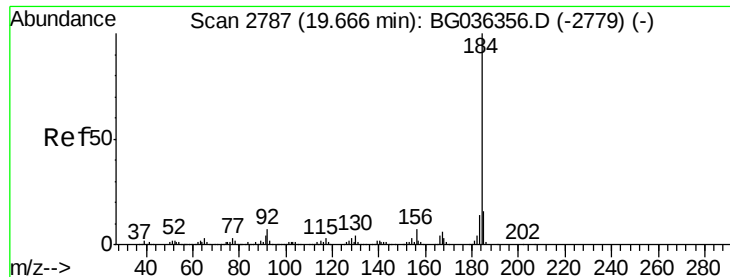
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036688.D
 Acq: 13 Sep 2018 18:39

Tgt Ion: 240 Resp: 395143
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.9 10.3
 236 25.4 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: 2.577 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036688.D

Acq: 13 Sep 2018 18:39

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-M

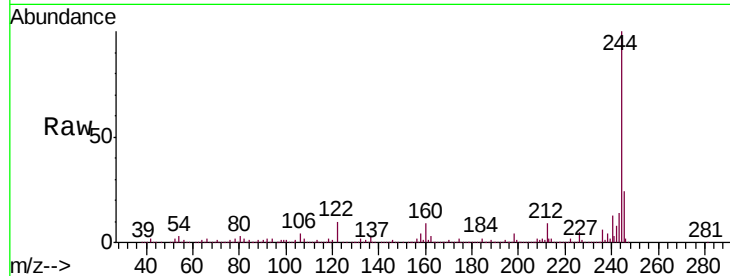
Tgt Ion:184 Resp: 32493

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

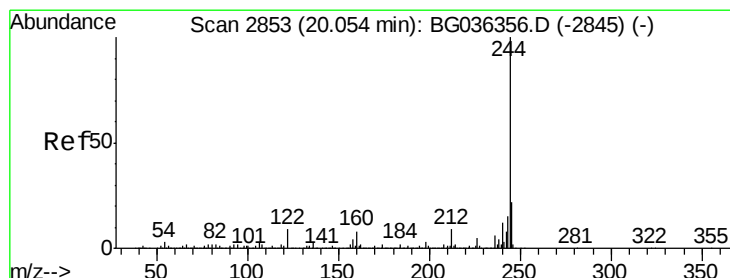
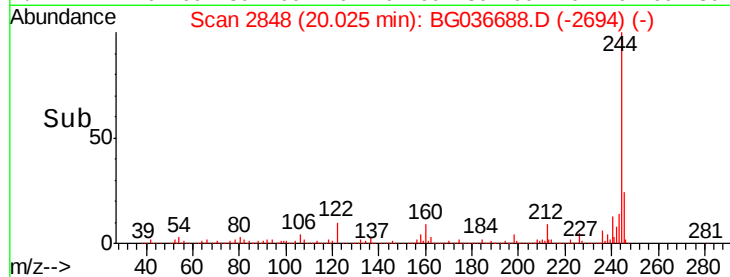
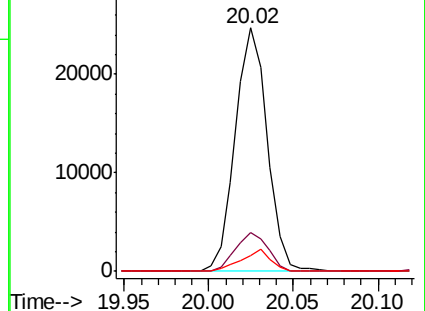
183 6.3 10.9 16.3#



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: 104.344 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036688.D

Acq: 13 Sep 2018 18:39

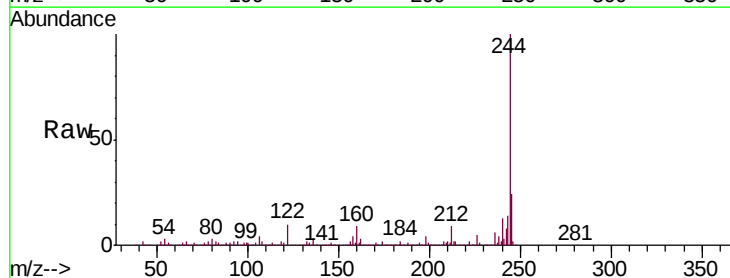
Tgt Ion:244 Resp: 1763997

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

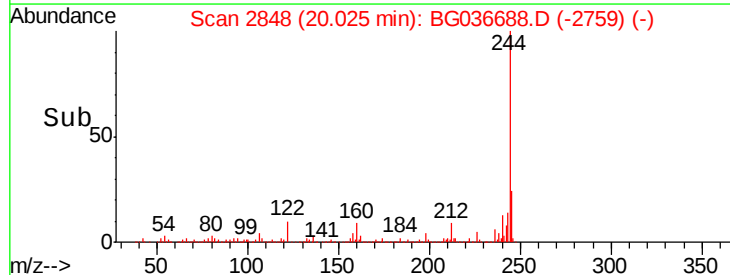
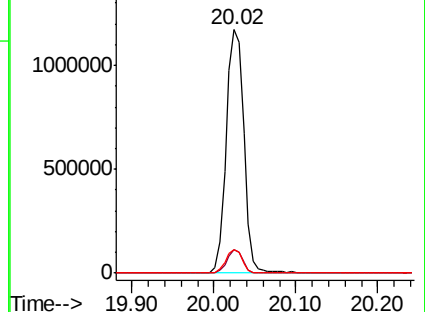
122 9.8 7.1 10.7

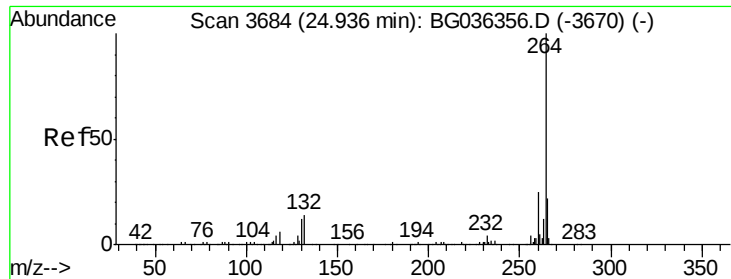


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036688.D
Acq: 13 Sep 2018 18:39

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.8	17.4	26.0

