

Data File : BG036690.D
Acq On : 13 Sep 2018 19:57
Operator : JU/SJ
Sample : J4875-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 14 01:24:06 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

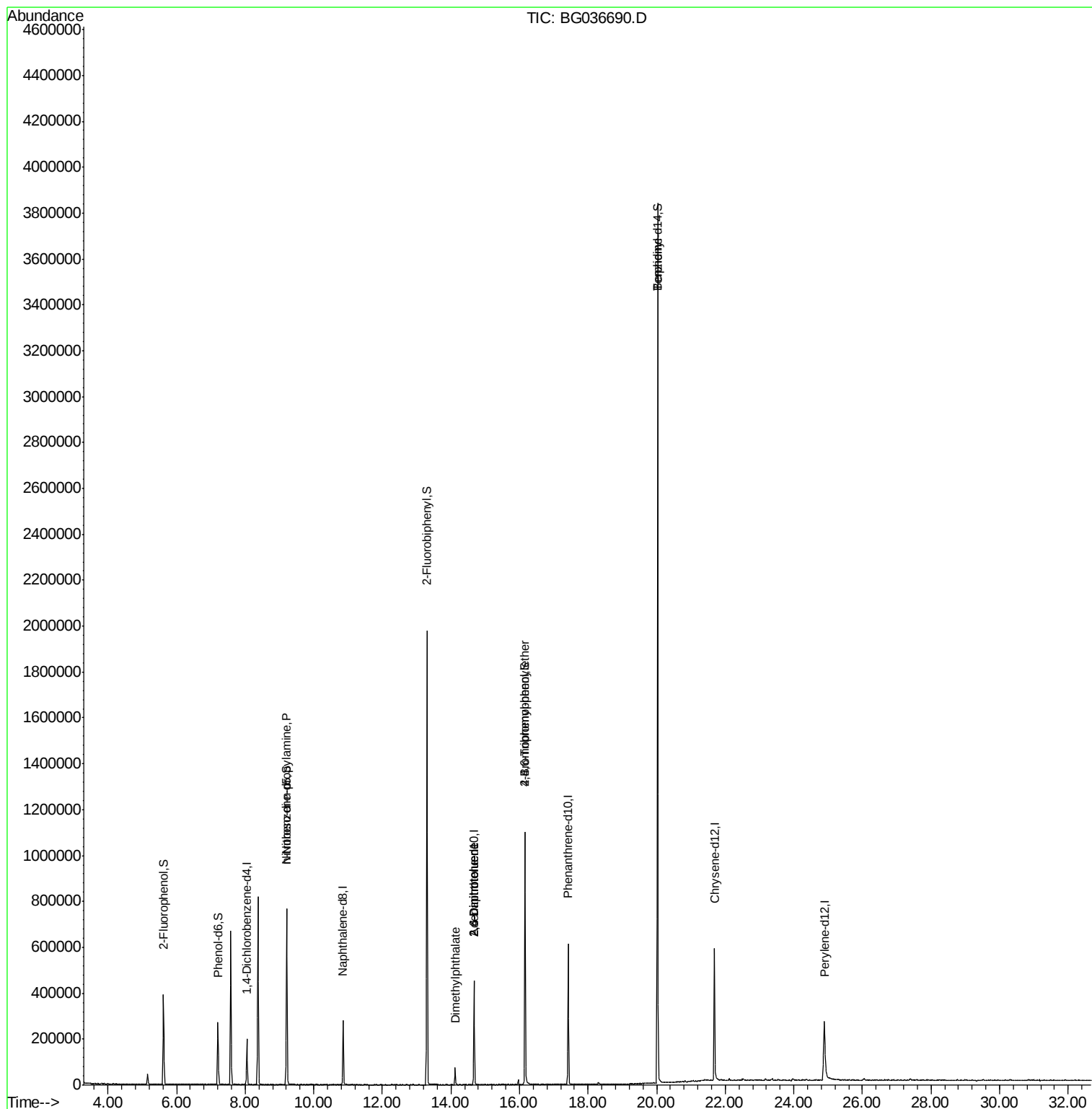
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55682	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	227764	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	153792	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	388580	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	388639	20.00	ng	-0.01
86) Perylene-d12	24.89	264	359945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	163967	46.71	ng	0.00
7) Phenol-d6	7.21	99	161857	32.21	ng	-0.01
23) Nitrobenzene-d5	9.21	82	465121	110.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	204591	111.49	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1021790	94.86	ng	-0.01
78) Terphenyl-d14	20.03	244	1783763	107.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	61176	16.287	ng	# 73
49) Dimethylphthalate	14.12	163	50099	3.989	ng	# 98
50) 2,6-Dinitrotoluene	14.67	165	19573	7.574	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	19573	5.812	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14202	3.122	ng	# 1
76) Benzidine	20.03	184	32174	2.595	ng	# 93

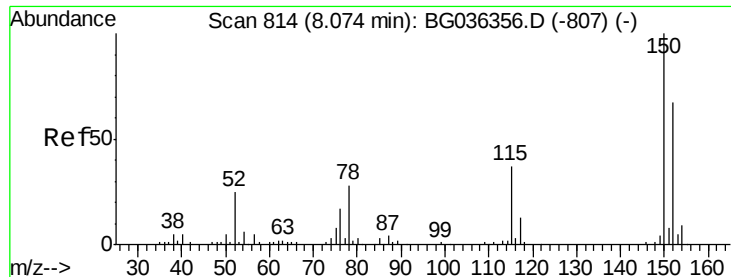
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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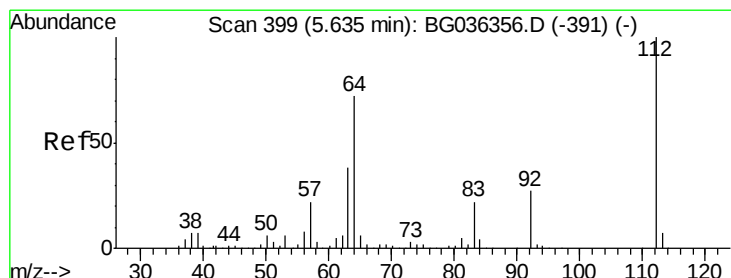
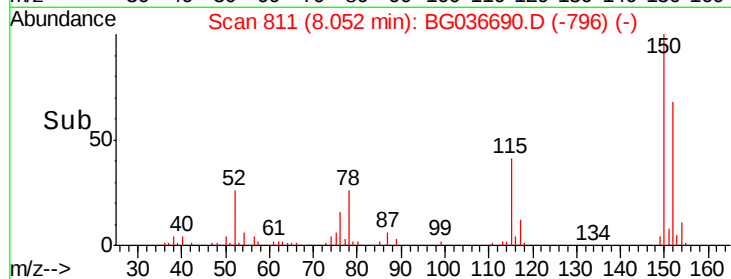
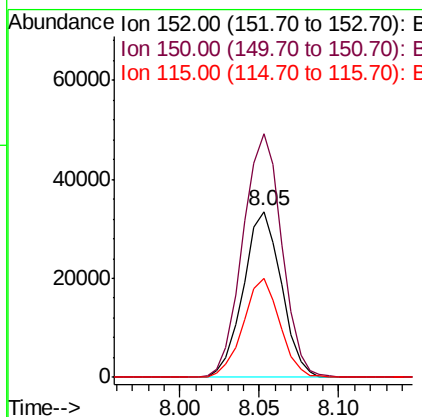
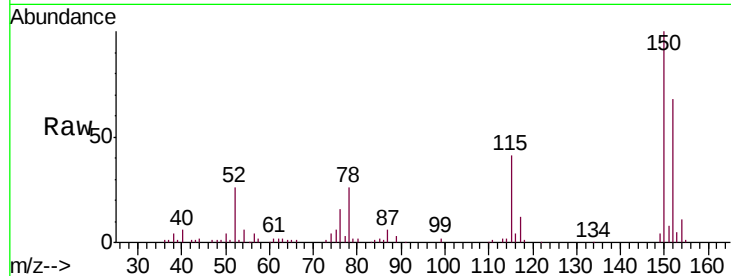




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036690.D
 Acq: 13 Sep 2018 19:57

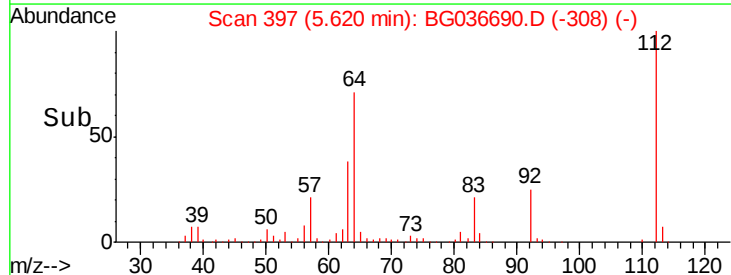
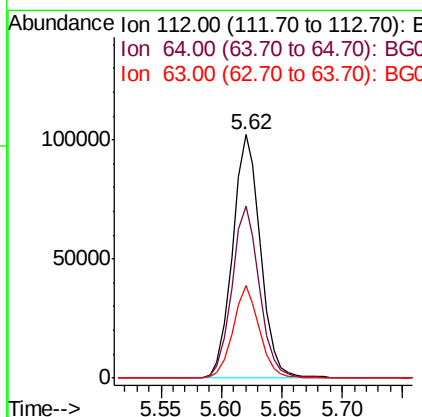
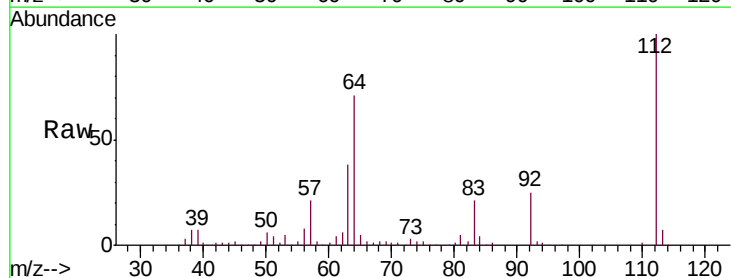
Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-U-B

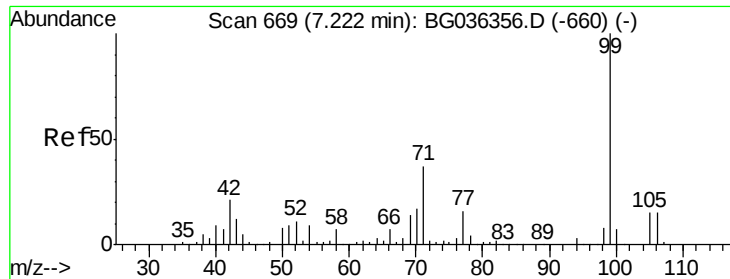
Tgt Ion:152 Resp: 55682
 Ion Ratio Lower Upper
 152 100
 150 146.6 119.5 179.3
 115 60.0 44.5 66.7



#5
 2-Fluorophenol
 Concen: 46.712 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036690.D
 Acq: 13 Sep 2018 19:57

Tgt Ion:112 Resp: 163967
 Ion Ratio Lower Upper
 112 100
 64 70.6 57.2 85.8
 63 38.1 30.8 46.2





#7

Phenol-d6

Concen: 32.206 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036690.D

Acq: 13 Sep 2018 19:57

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-B

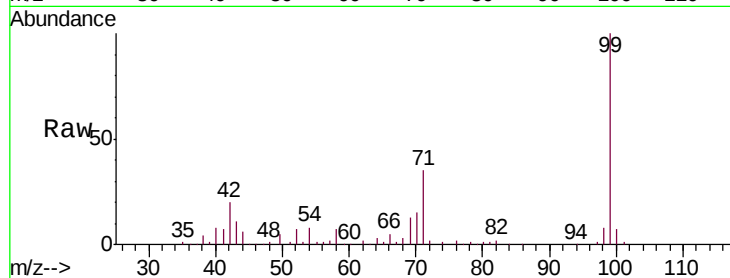
Tgt Ion: 99 Resp: 161857

Ion Ratio Lower Upper

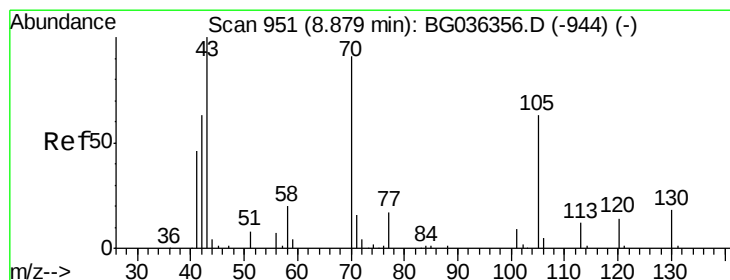
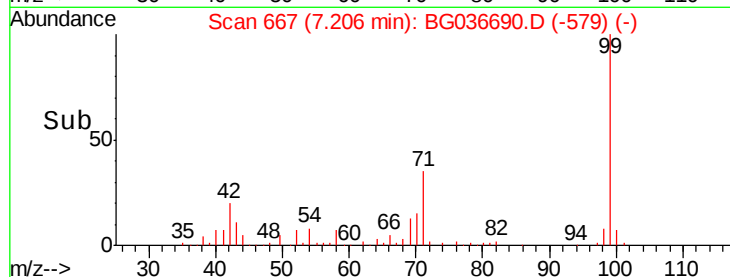
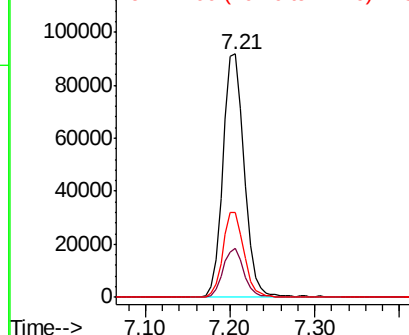
99 100

42 20.3 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: 16.287 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036690.D

Acq: 13 Sep 2018 19:57

Tgt Ion: 70 Resp: 61176

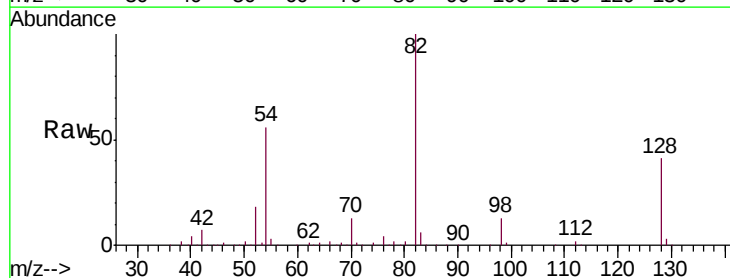
Ion Ratio Lower Upper

70 100

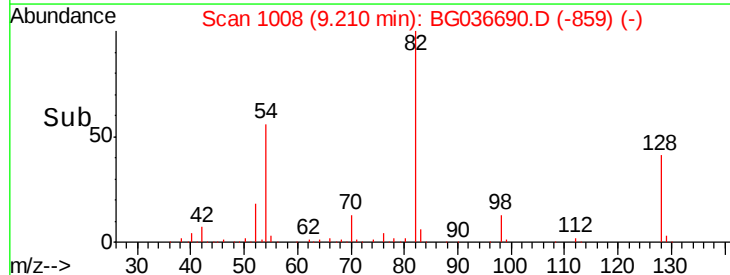
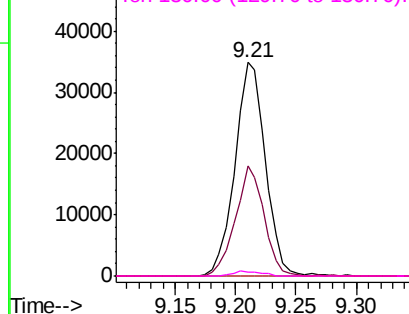
42 51.7 56.2 84.4#

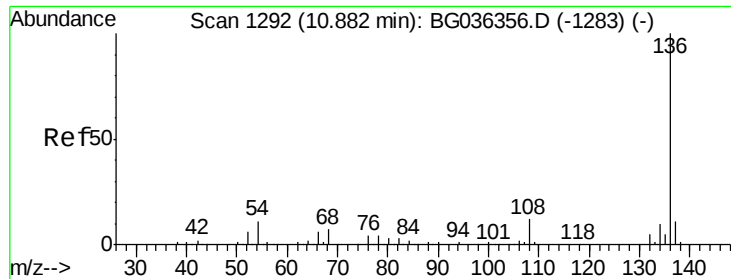
101 0.0 7.8 11.6#

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

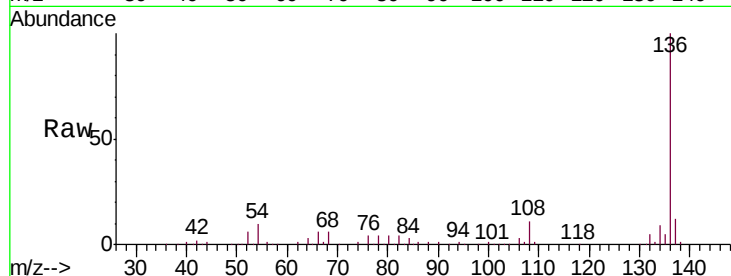




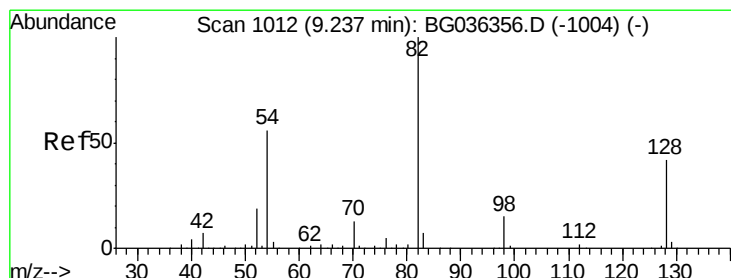
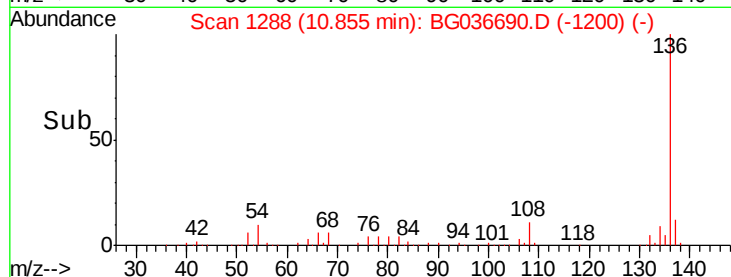
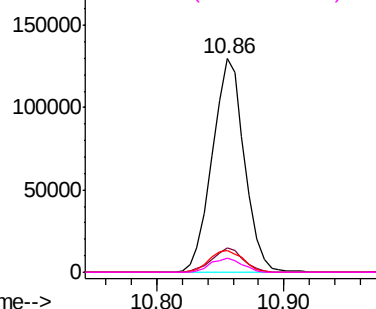
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

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

Tgt Ion:	136	Resp:	227764
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.4	9.2	13.8
68	6.5	5.8	8.6

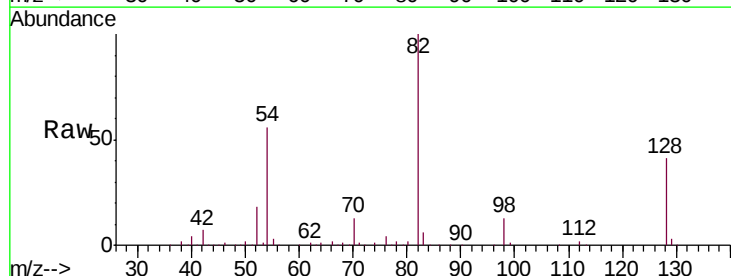


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

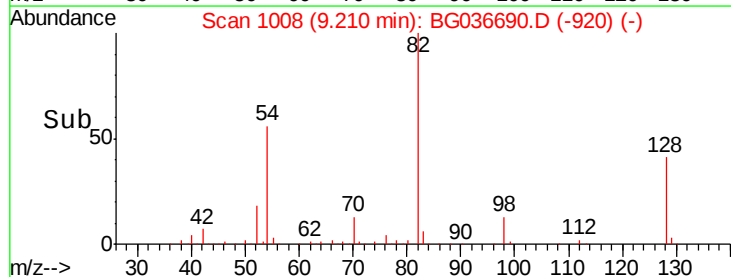
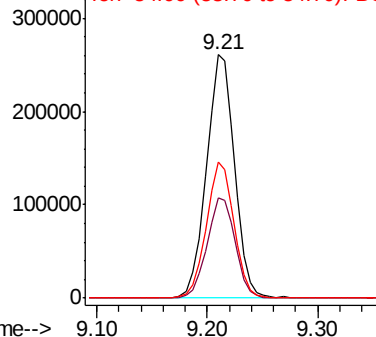


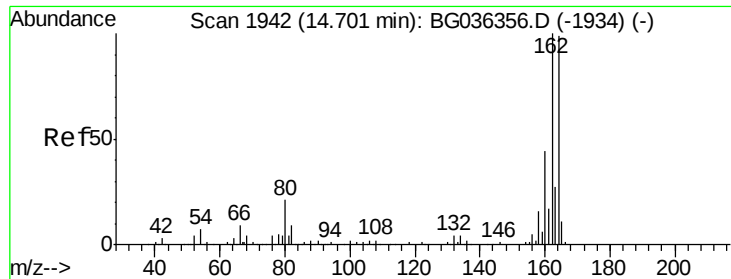
#23
Nitrobenzene-d5
Concen: 110.799 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

Tgt Ion:	82	Resp:	465121
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	55.8	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: BG036690.D

Acq: 13 Sep 2018 19:57

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-B

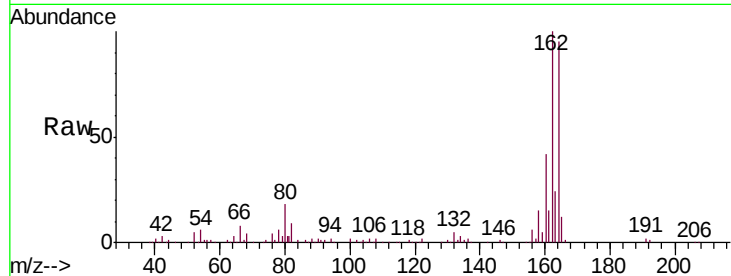
Tgt Ion:164 Resp: 153792

Ion Ratio Lower Upper

164 100

162 105.7 80.7 121.1

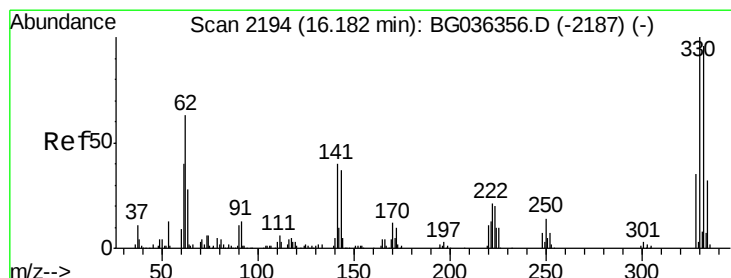
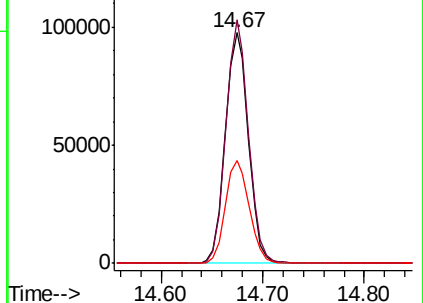
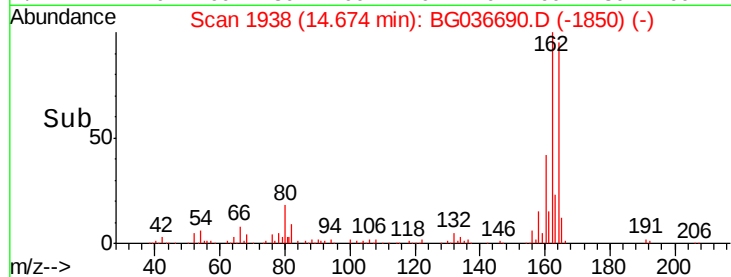
160 44.8 35.3 52.9



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: 111.489 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036690.D

Acq: 13 Sep 2018 19:57

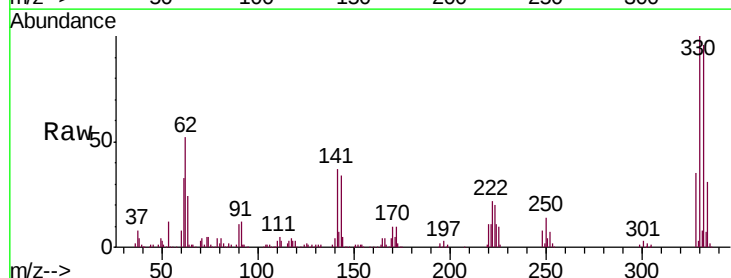
Tgt Ion:330 Resp: 204591

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.2

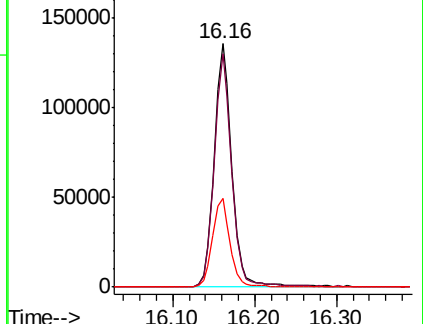
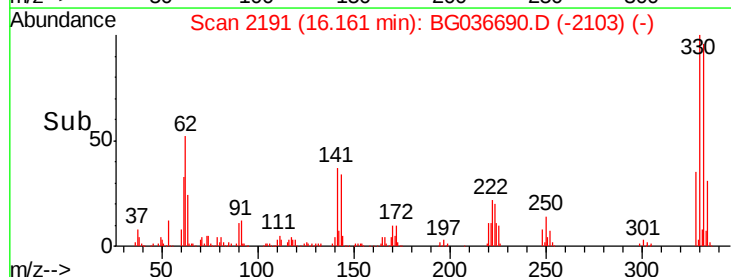
141 36.4 30.7 46.1

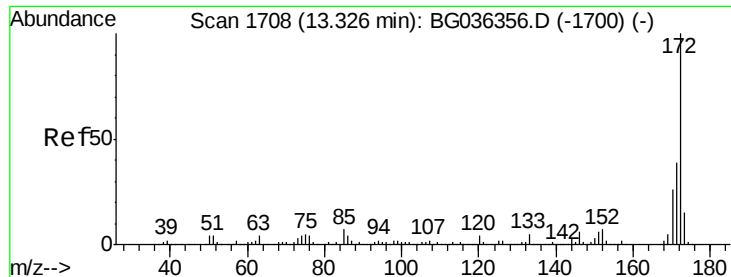


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

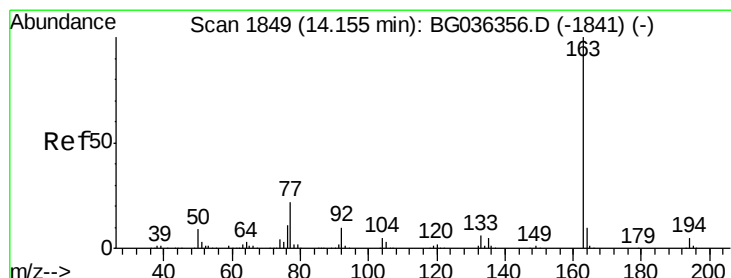
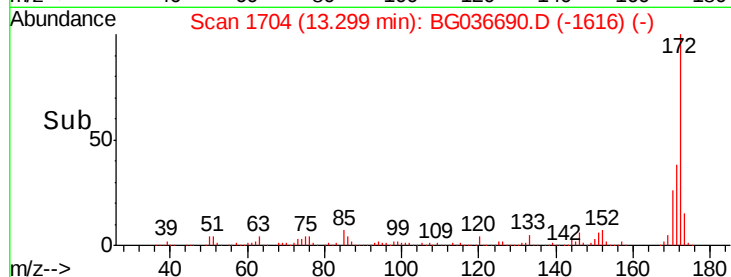
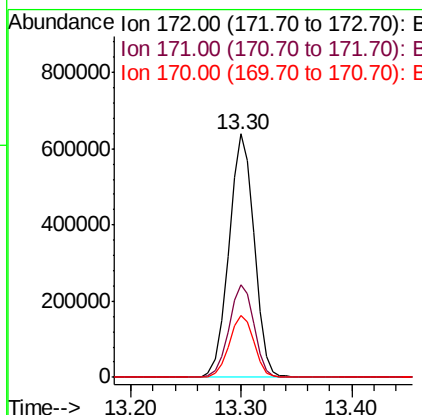
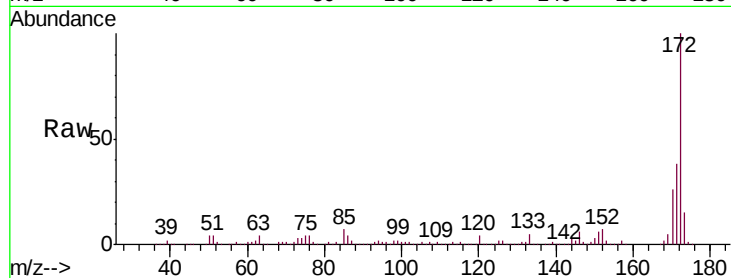




#44
2-Fluorobiphenyl
Concen: 94.864 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

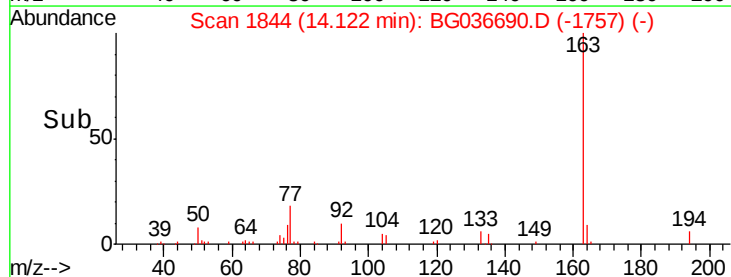
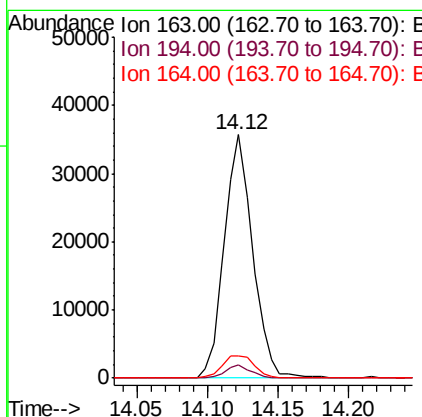
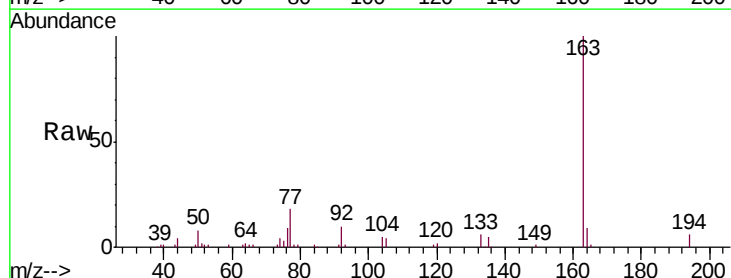
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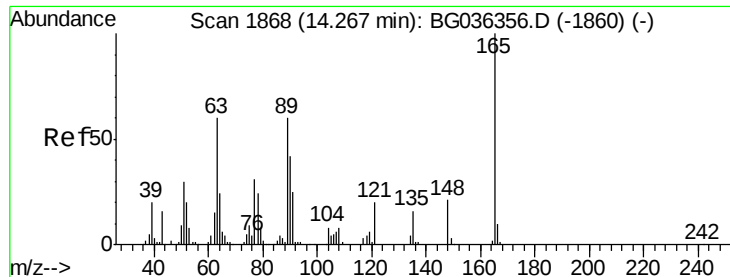
Tgt Ion:172 Resp: 1021790
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.6 21.0 31.6



#49
Dimethylphthalate
Concen: 3.989 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

Tgt Ion:163 Resp: 50099
Ion Ratio Lower Upper
163 100
194 5.6 4.0 6.0
164 9.2 8.1 12.1

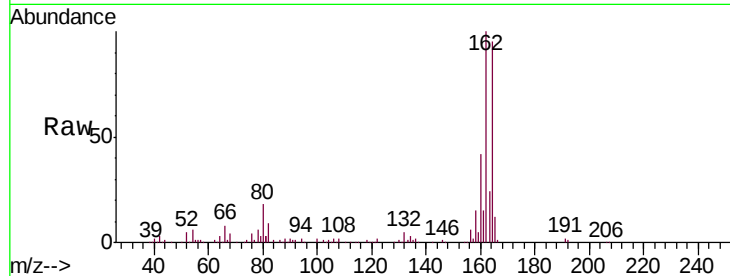




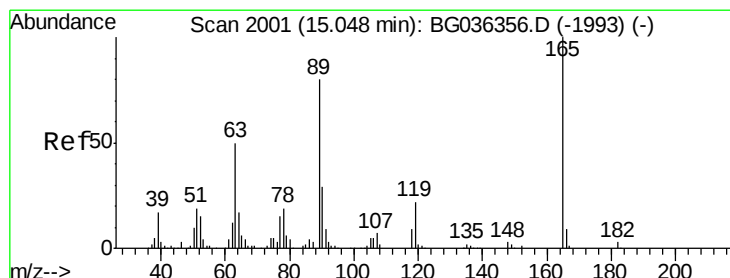
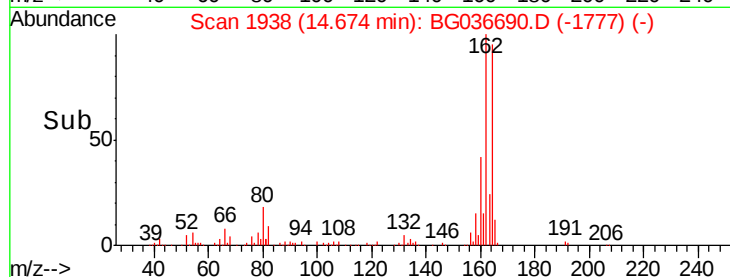
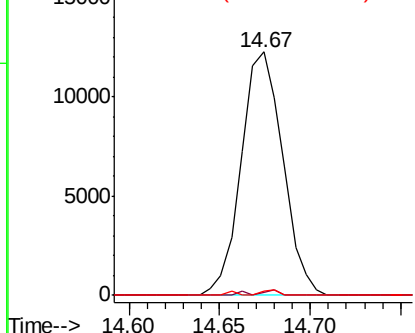
#50
2,6-Dinitrotoluene
Concen: 7.574 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:165 Resp: 19573
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.6 47.8 71.6#

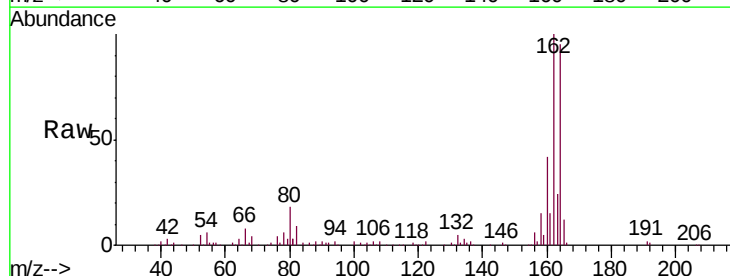


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

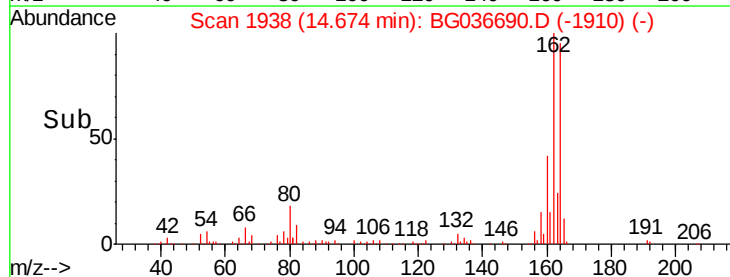
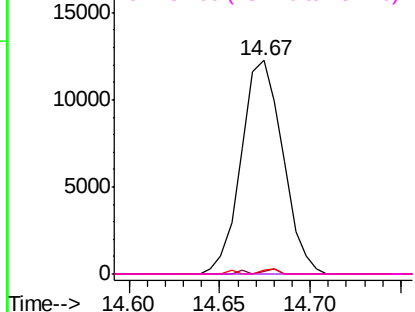


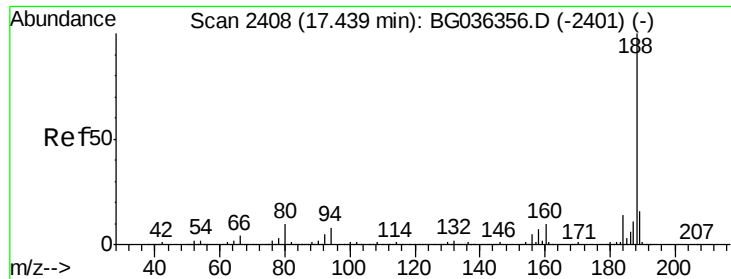
#56
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

Tgt Ion:165 Resp: 19573
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.6 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

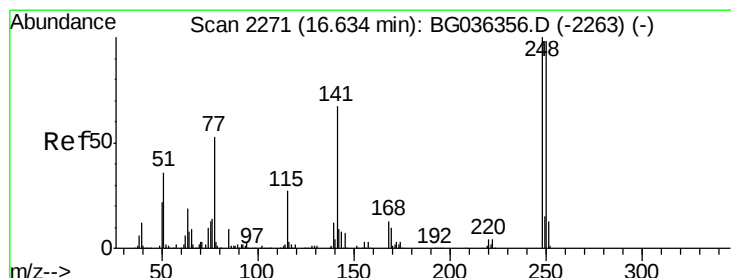
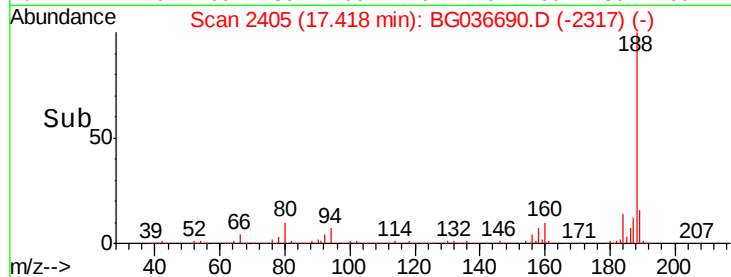
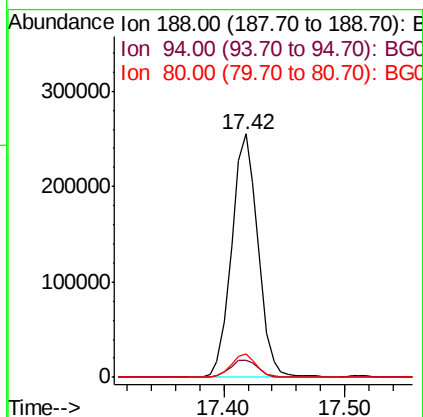
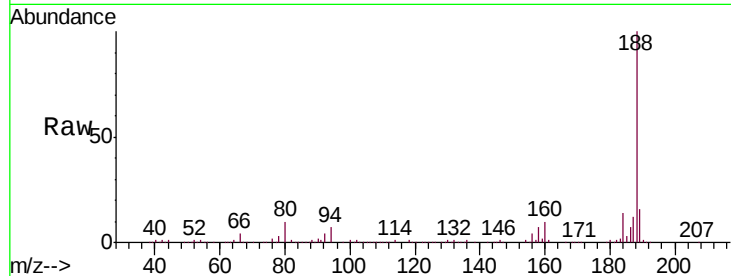




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

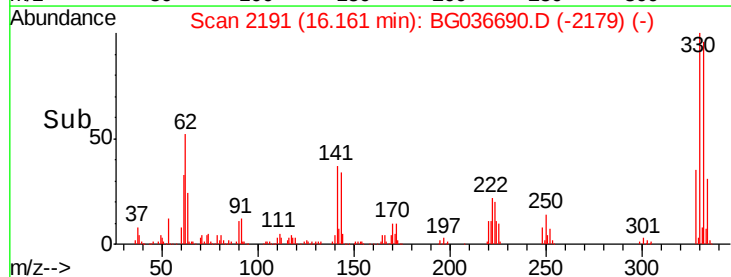
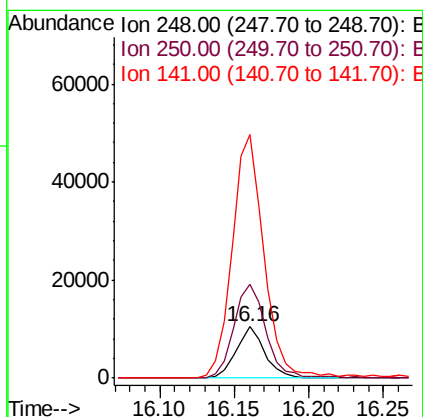
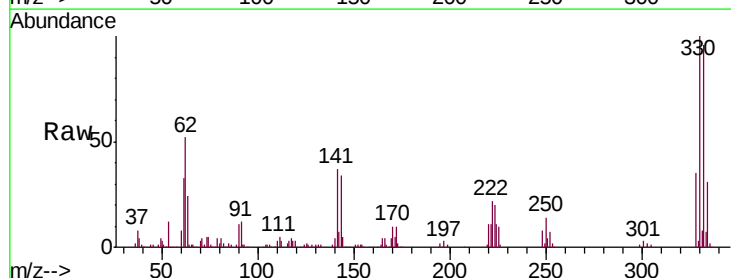
Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-B

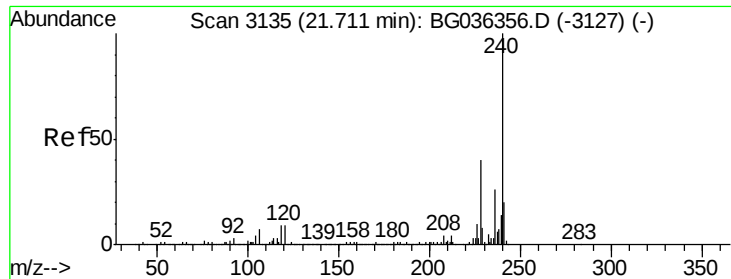
Tgt Ion:188 Resp: 388580
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.6 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.122 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036690.D
Acq: 13 Sep 2018 19:57

Tgt Ion:248 Resp: 14202
Ion Ratio Lower Upper
248 100
250 181.4 78.1 117.1#
141 472.9 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036690.D

Acq: 13 Sep 2018 19:57

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-B

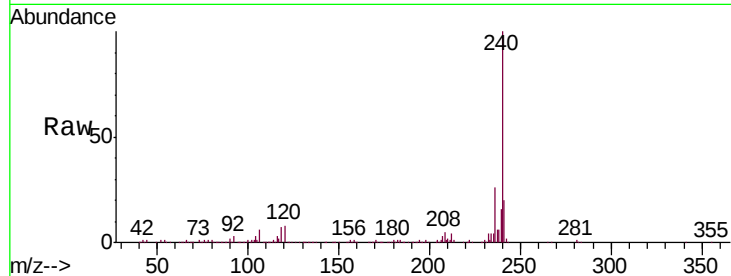
Tgt Ion:240 Resp: 388639

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

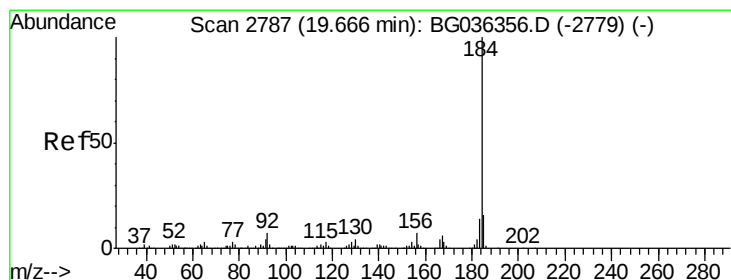
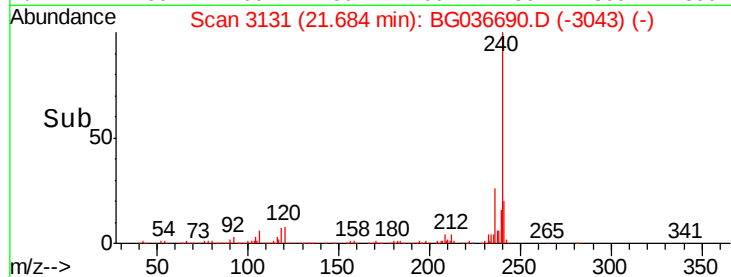
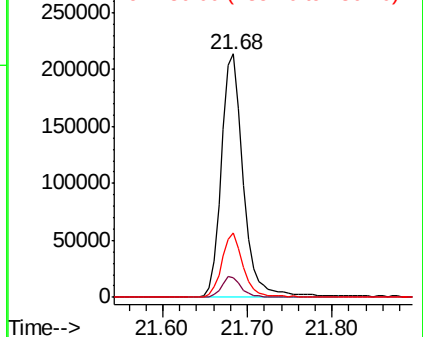
236 26.4 21.2 31.8



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: 2.595 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036690.D

Acq: 13 Sep 2018 19:57

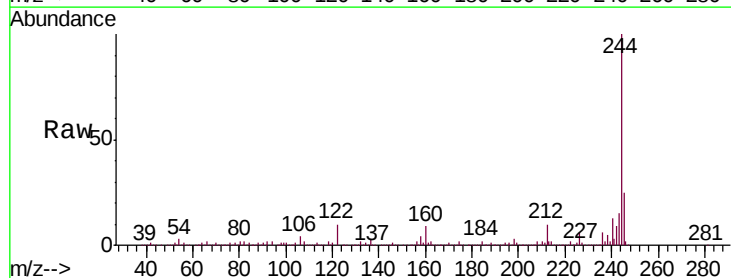
Tgt Ion:184 Resp: 32174

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

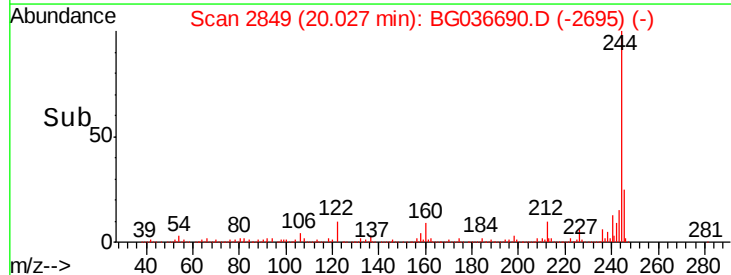
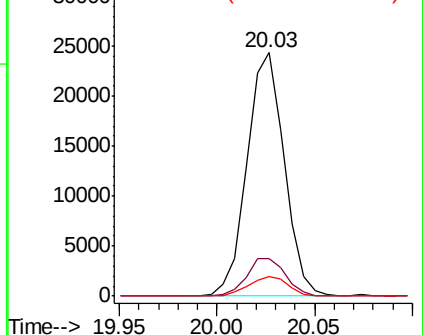
183 8.2 10.9 16.3#

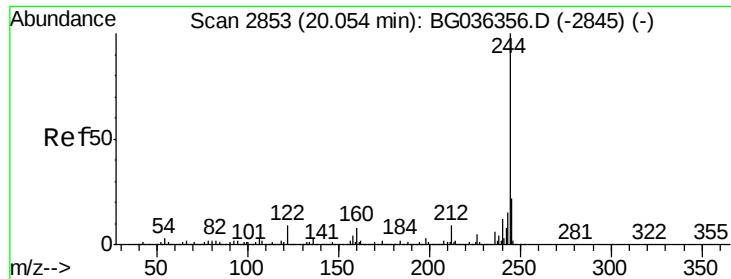


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 107.279 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036690.D

Acq: 13 Sep 2018 19:57

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-B

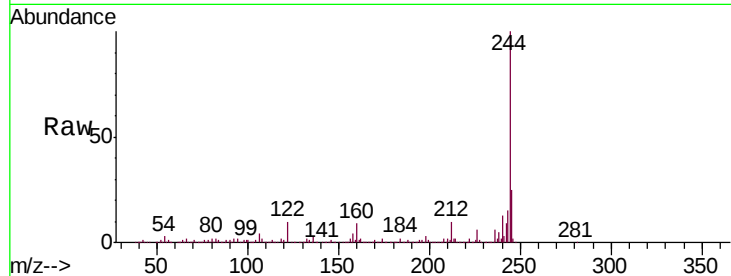
Tgt Ion:244 Resp: 1783763

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

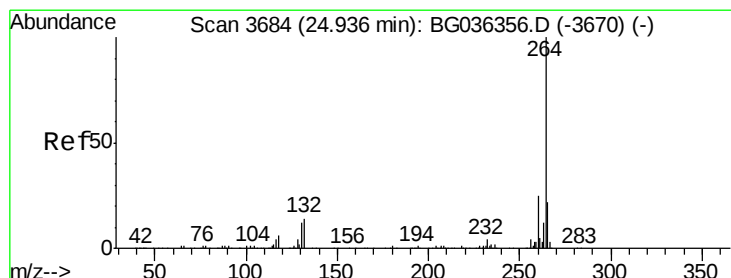
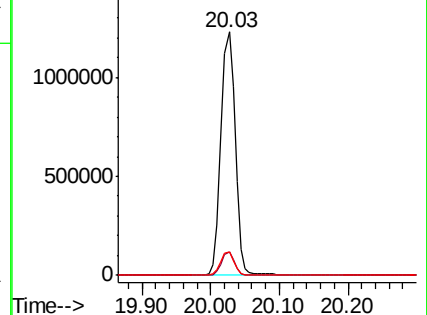
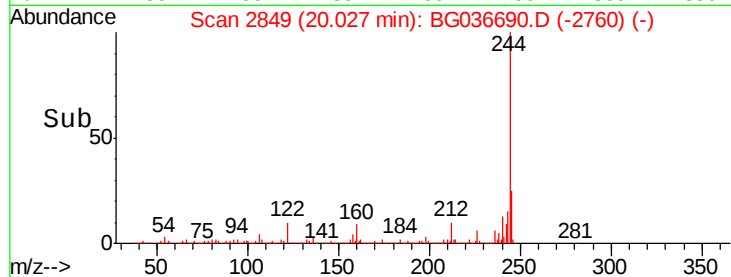
122 9.5 7.1 10.7



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: BG036690.D

Acq: 13 Sep 2018 19:57

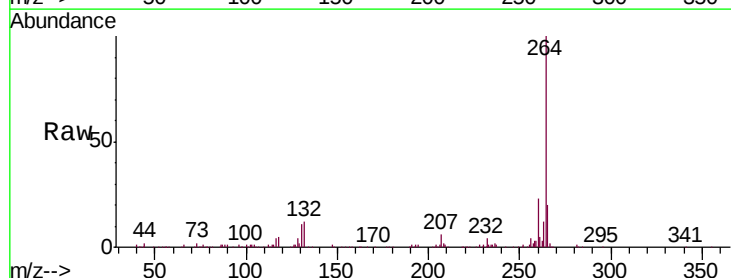
Tgt Ion:264 Resp: 359945

Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

265 19.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

