

Data File : BG036689.D
Acq On : 13 Sep 2018 19:18
Operator : JU/SJ
Sample : J4875-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 14 01:23:54 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

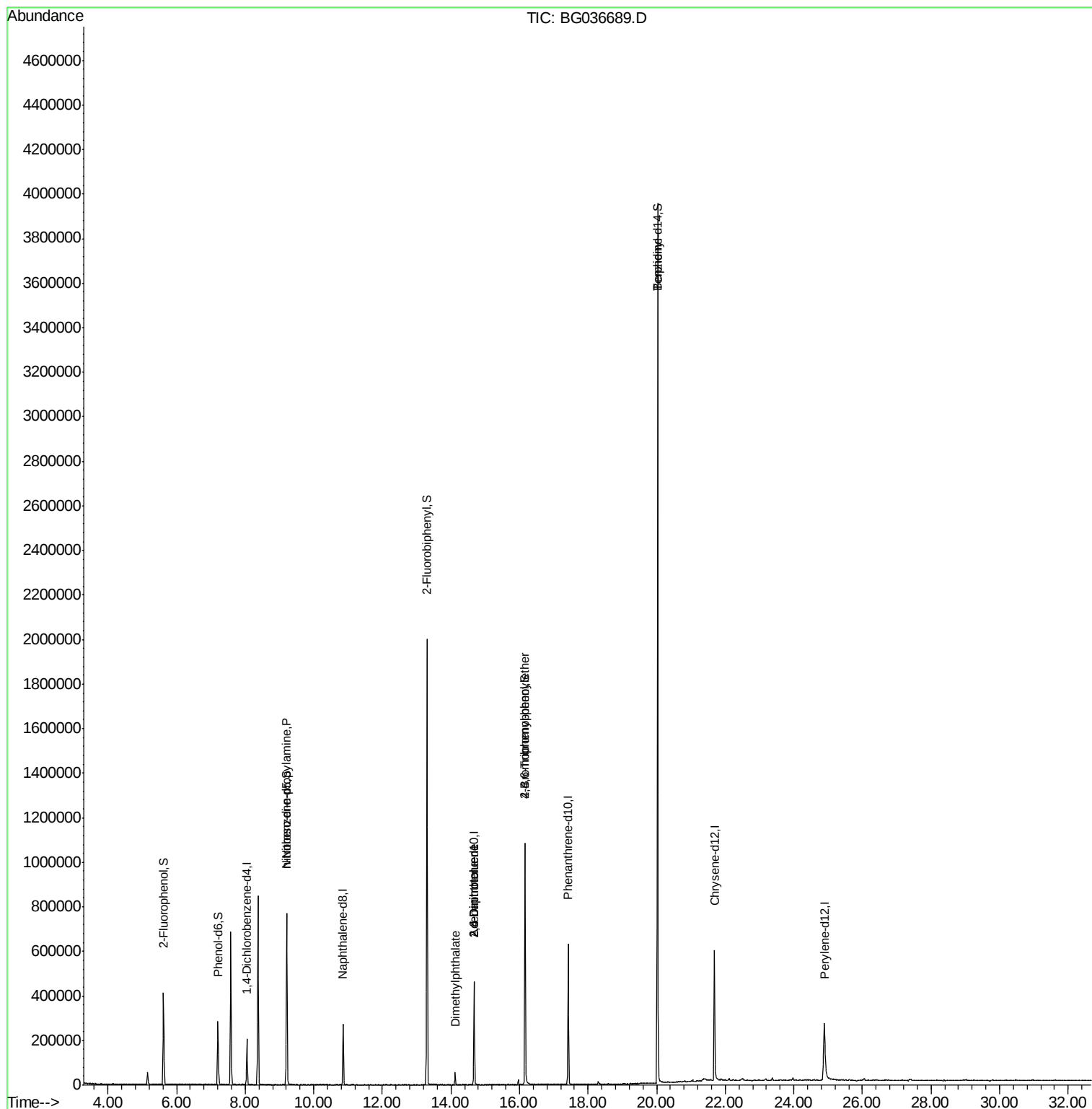
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55631	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	237485	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	155491	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	391031	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	395781	20.00	ng	-0.01
86) Perylene-d12	24.89	264	349121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	170266	48.55	ng	0.00
7) Phenol-d6	7.21	99	166303	33.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	471830	107.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	204677	110.32	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1032700	94.83	ng	-0.01
78) Terphenyl-d14	20.03	244	1803895	106.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	62557	16.670	ng	# 69
49) Dimethylphthalate	14.12	163	38598	3.040	ng	# 98
50) 2,6-Dinitrotoluene	14.67	165	20596	7.883	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	20596	6.049	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	13869	3.029	ng	# 1
76) Benzidine	20.03	184	32538	2.577	ng	# 94

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

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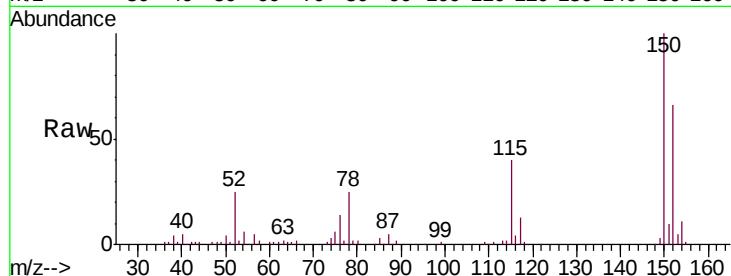




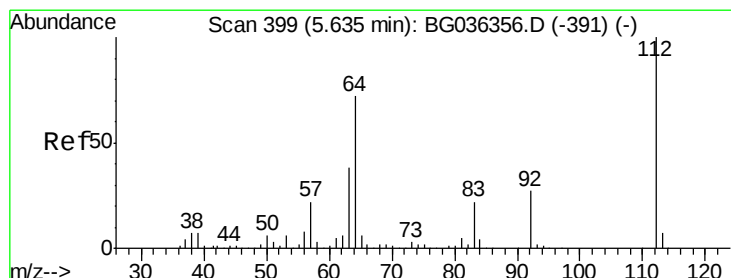
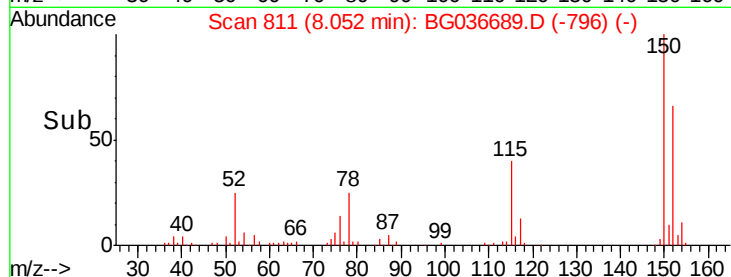
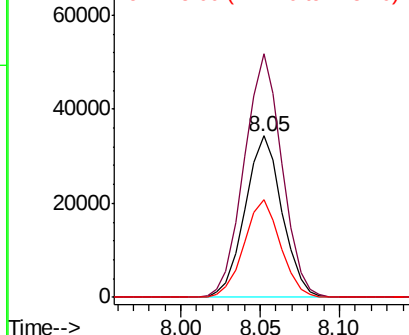
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

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

Tgt Ion:152 Resp: 55631
 Ion Ratio Lower Upper
 152 100
 150 150.8 119.5 179.3
 115 60.4 44.5 66.7

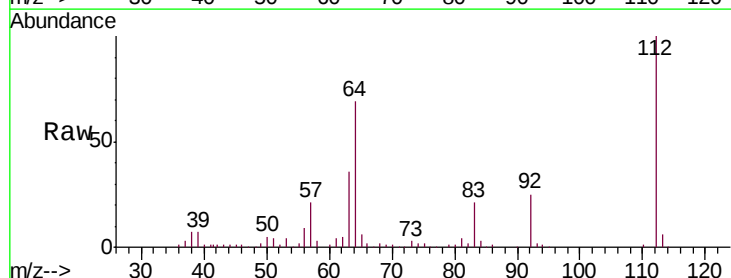


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

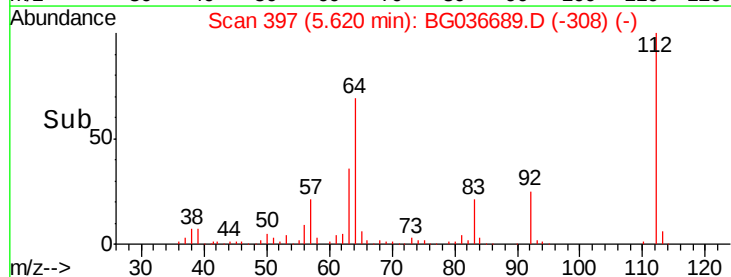
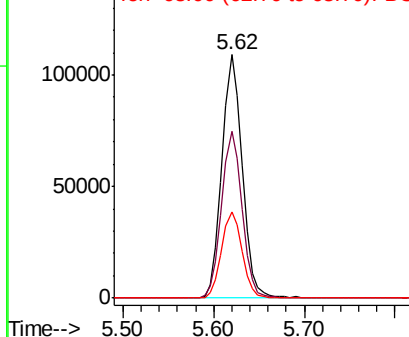


#5
 2-Fluorophenol
 Concen: 48.551 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Tgt Ion:112 Resp: 170266
 Ion Ratio Lower Upper
 112 100
 64 68.7 57.2 85.8
 63 35.6 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.121 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-S

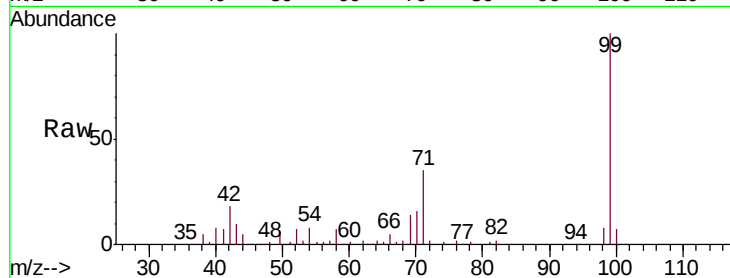
Tgt Ion: 99 Resp: 166303

Ion Ratio Lower Upper

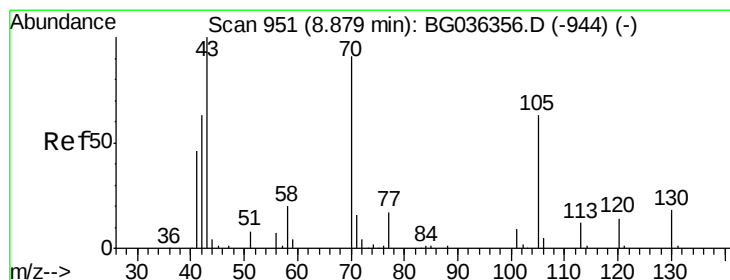
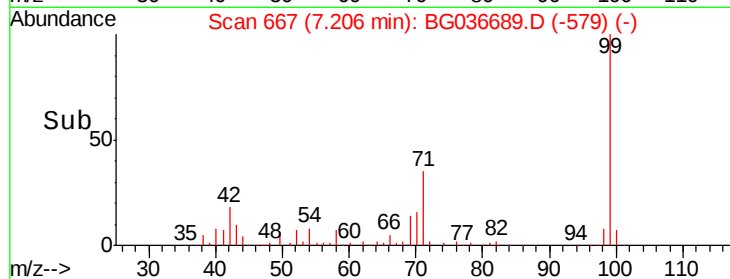
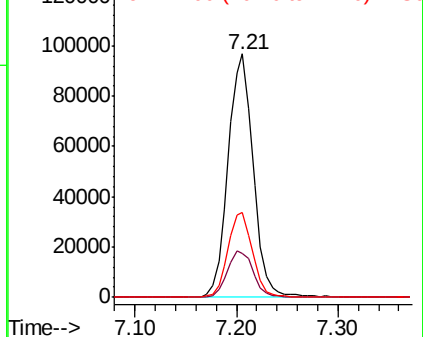
99 100

42 18.0 16.5 24.7

71 34.8 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: 16.670 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

Tgt Ion: 70 Resp: 62557

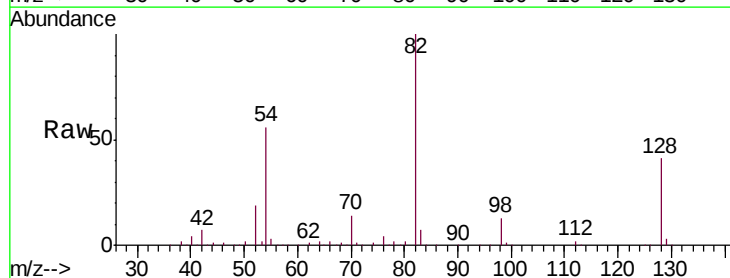
Ion Ratio Lower Upper

70 100

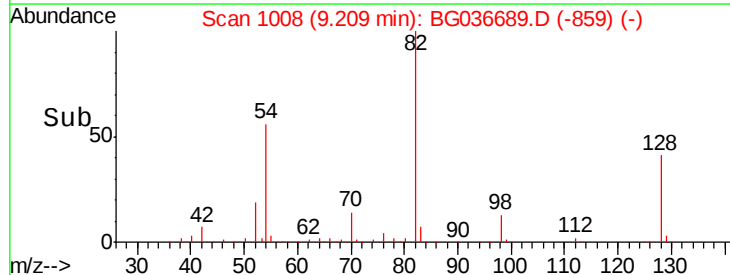
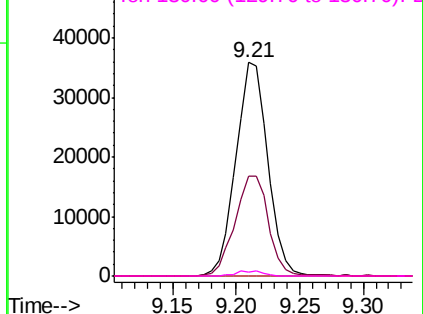
42 46.9 56.2 84.4#

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

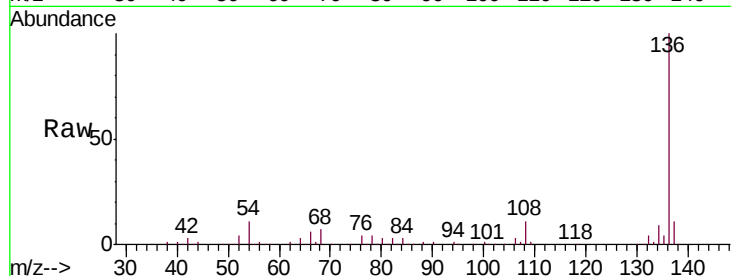




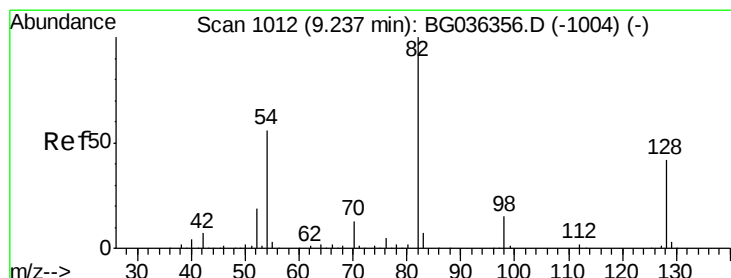
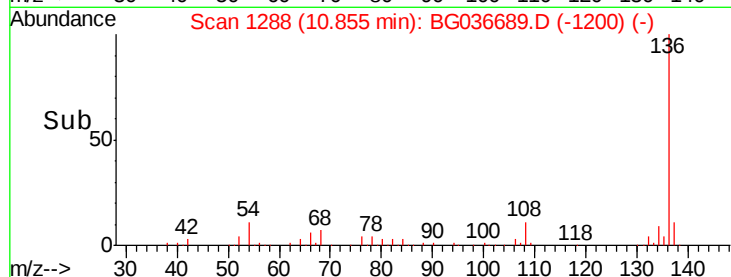
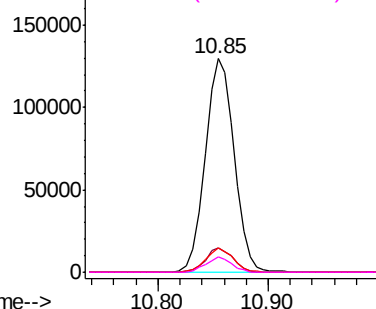
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

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

Tgt Ion:	136	Resp:	237485
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.4	9.2	13.8
68	7.0	5.8	8.6

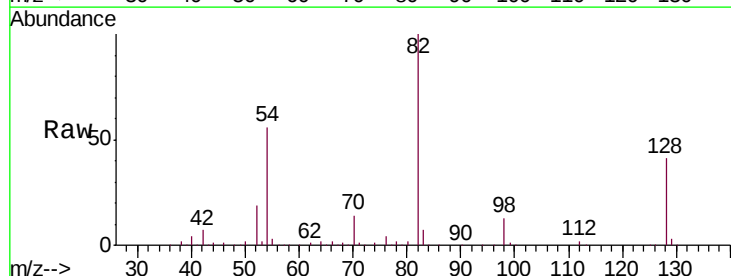


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

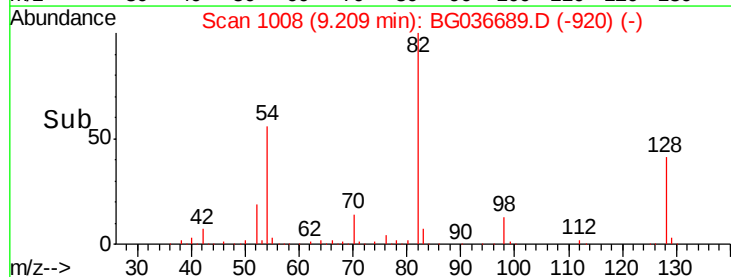
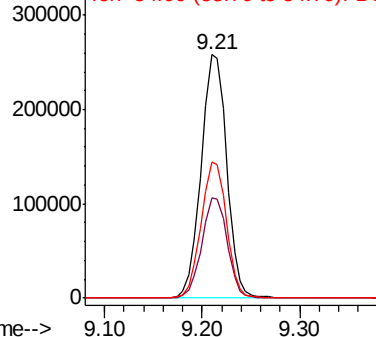


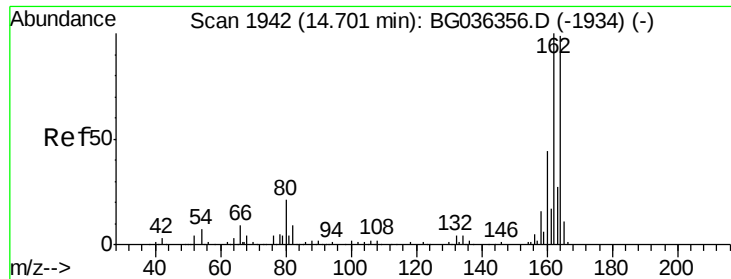
#23
Nitrobenzene-d5
Concen: 107.796 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

Tgt Ion:	82	Resp:	471830
Ion	Ratio	Lower	Upper
82	100		
128	41.3	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: BG036689.D

Acq: 13 Sep 2018 19:18

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-S

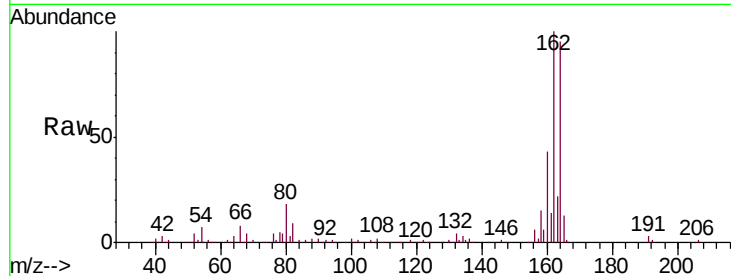
Tgt Ion:164 Resp: 155491

Ion Ratio Lower Upper

164 100

162 104.9 80.7 121.1

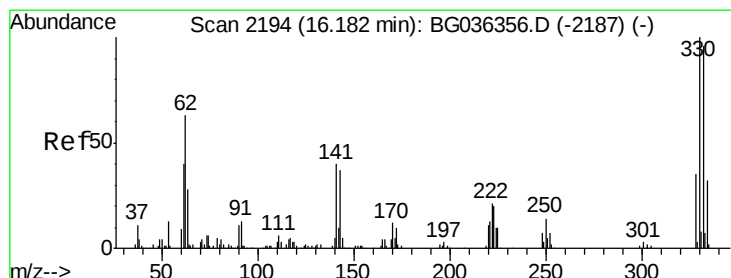
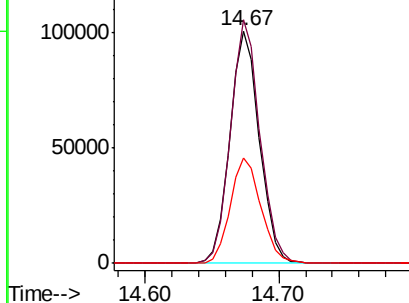
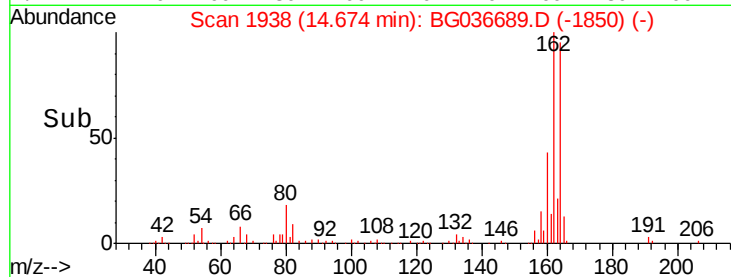
160 45.3 35.3 52.9



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: 110.317 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

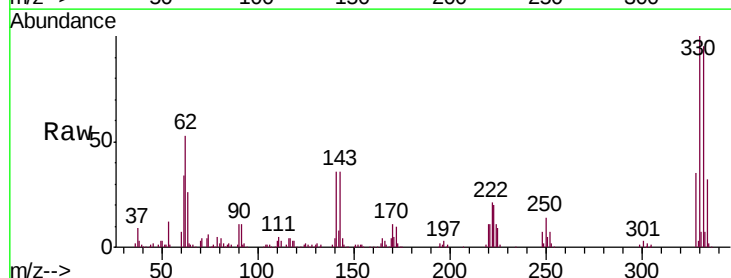
Tgt Ion:330 Resp: 204677

Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

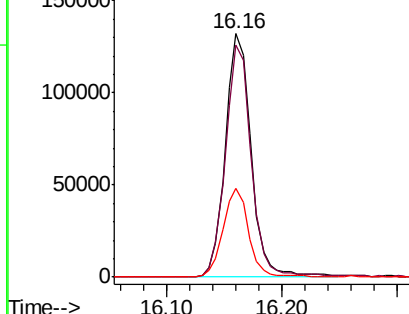
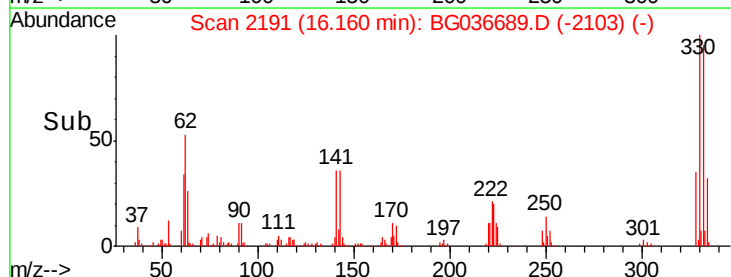
141 36.2 30.7 46.1

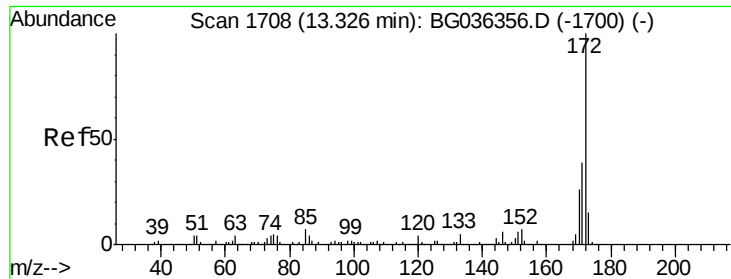


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

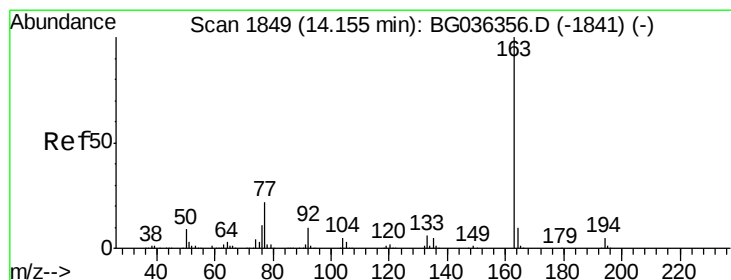
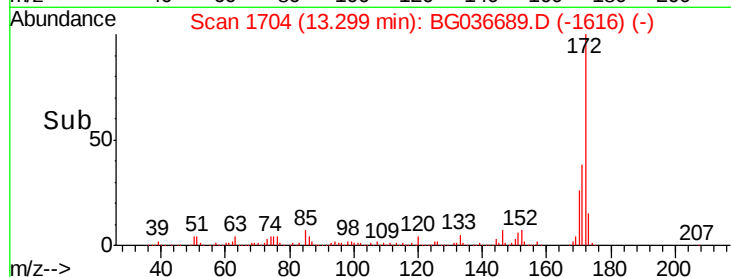
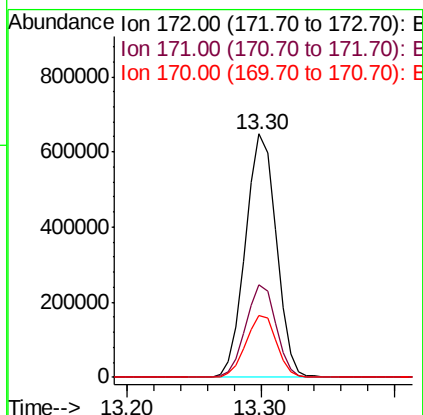
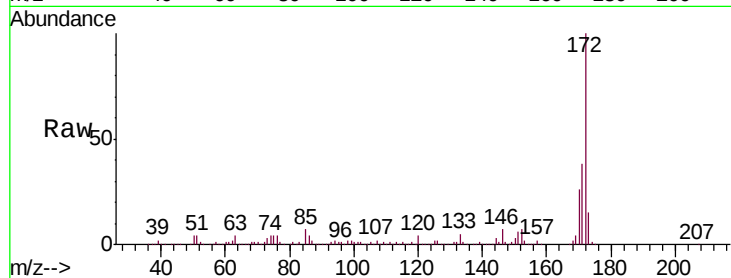




#44
2-Fluorobiphenyl
Concen: 94.829 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

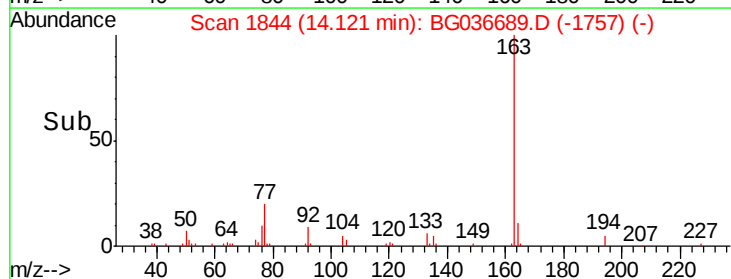
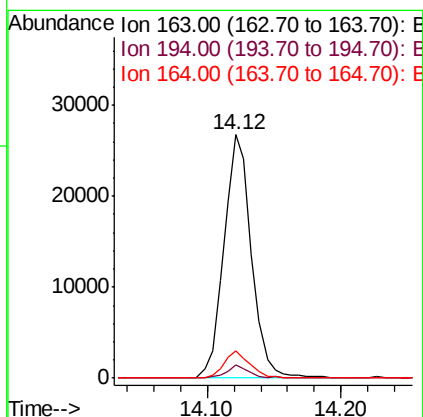
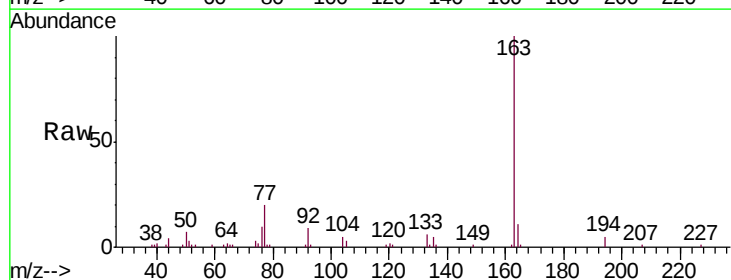
Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-D-S

Tgt Ion:172 Resp: 1032700
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 25.6 21.0 31.6



#49
Dimethylphthalate
Concen: 3.040 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

Tgt Ion:163 Resp: 38598
Ion Ratio Lower Upper
163 100
194 5.5 4.0 6.0
164 11.2 8.1 12.1

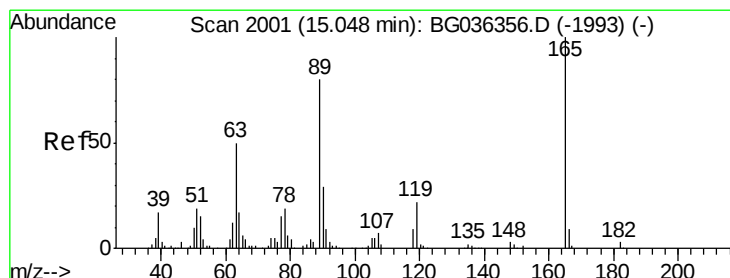
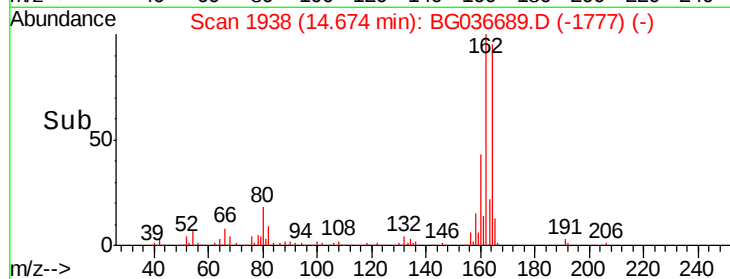
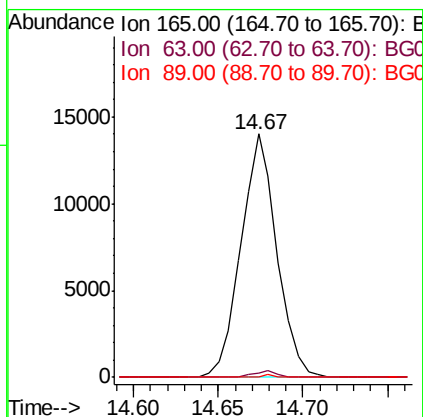
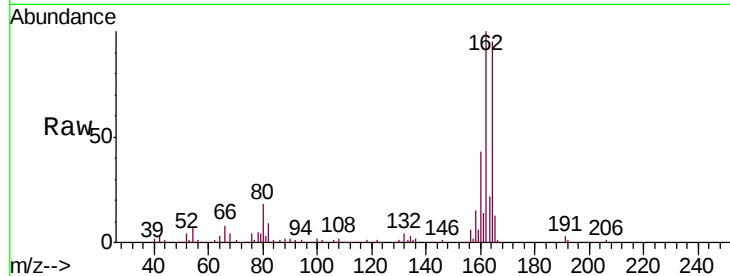




#50
2,6-Dinitrotoluene
Concen: 7.883 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

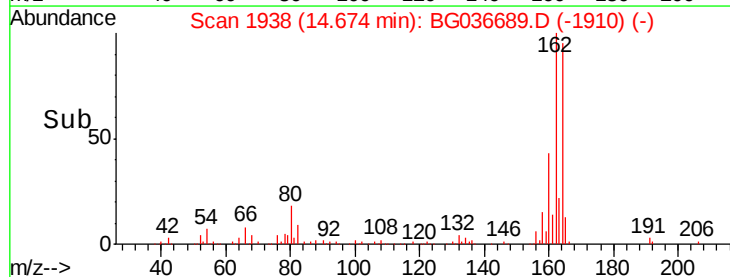
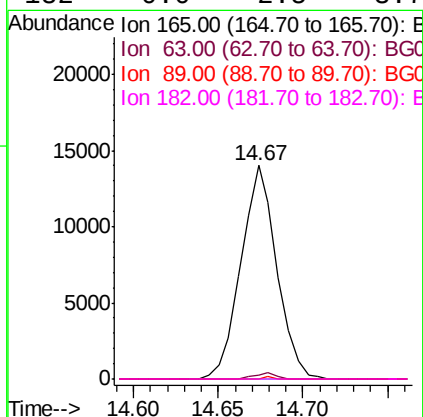
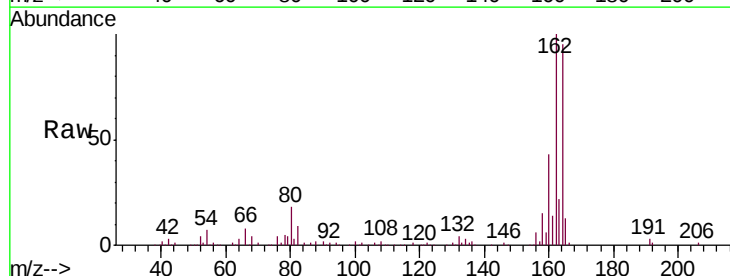
Instrument :
BNA_G
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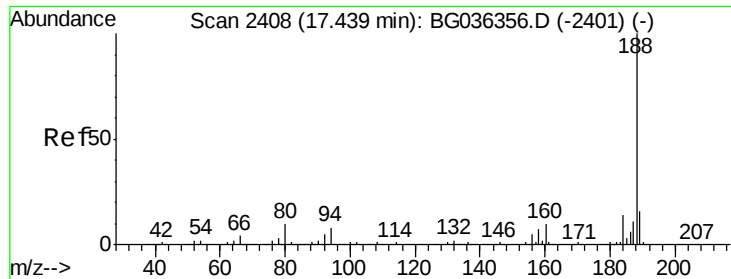
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.1	75.1#
89	0.0	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 6.049 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

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

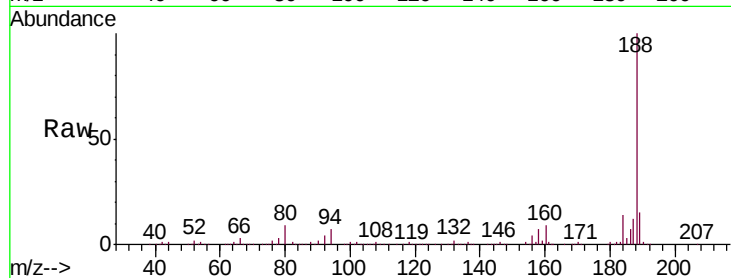




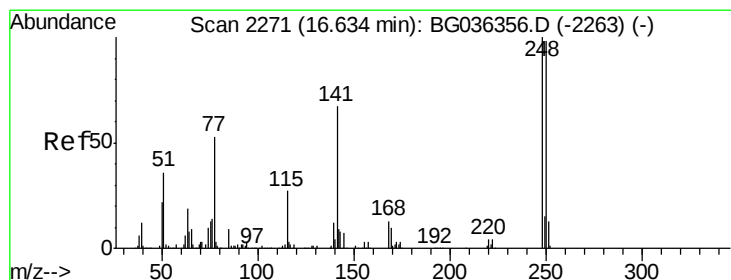
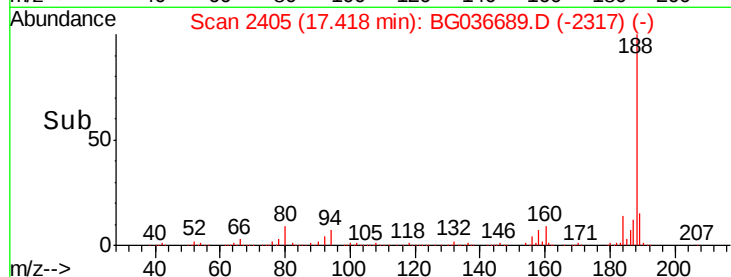
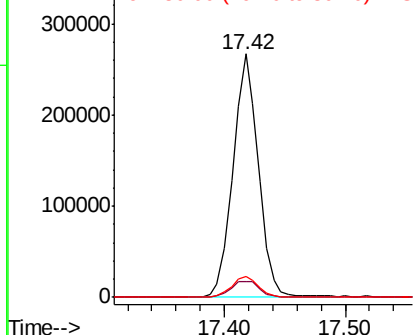
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

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

Tgt Ion:188 Resp: 391031
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 8.6 8.1 12.1

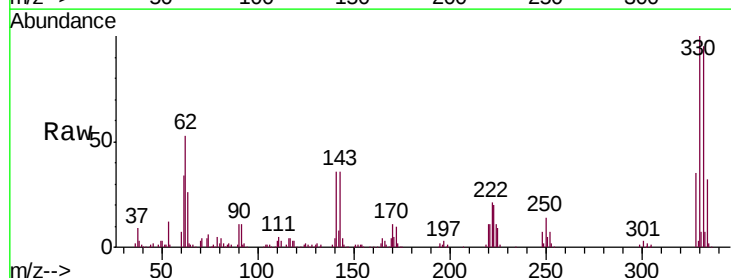


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

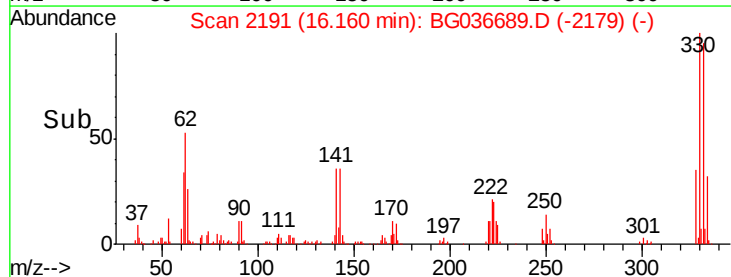
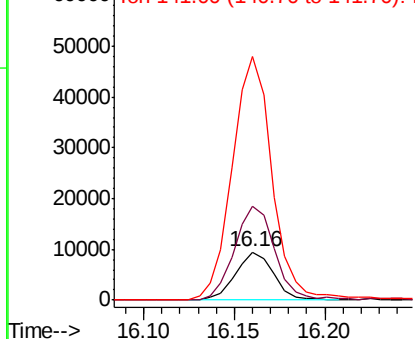


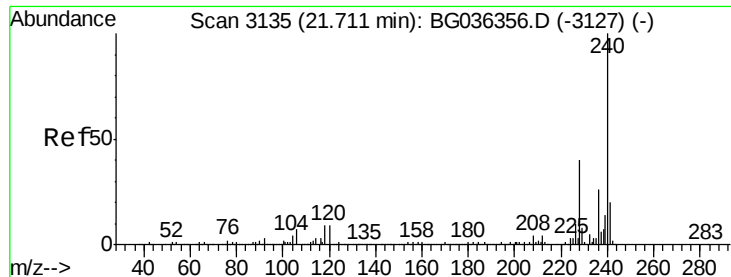
#66
4-Bromophenyl-phenylether
Concen: 3.029 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036689.D
Acq: 13 Sep 2018 19:18

Tgt Ion:248 Resp: 13869
Ion Ratio Lower Upper
248 100
250 195.7 78.1 117.1#
141 505.0 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# 3131

Delta R.T. -0.01 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-D-S

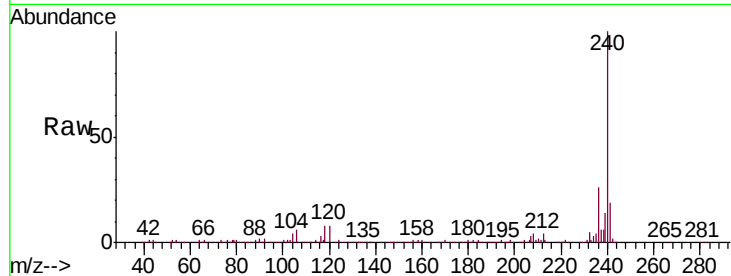
Tgt Ion:240 Resp: 395781

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

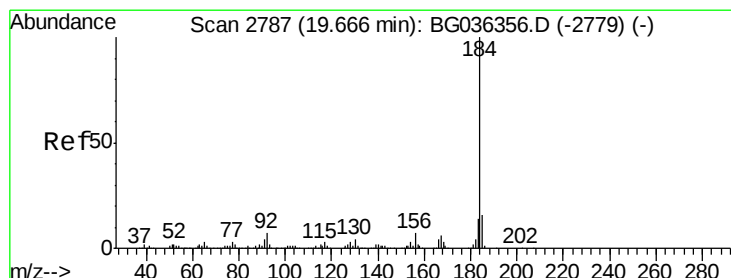
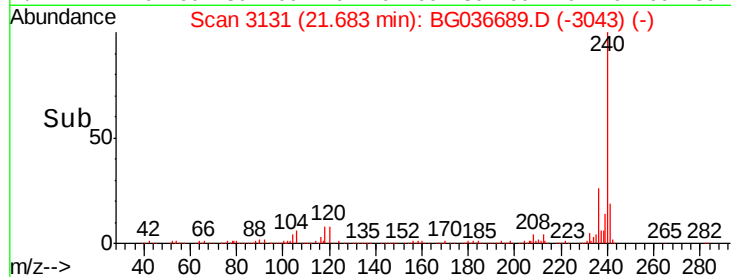
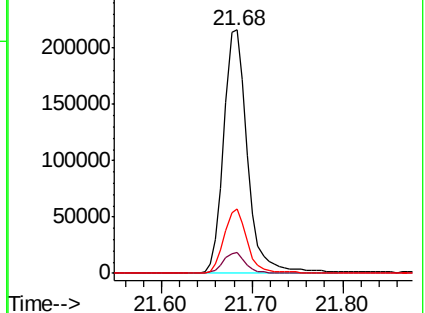
236 26.3 21.2 31.8



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: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036689.D

Acq: 13 Sep 2018 19:18

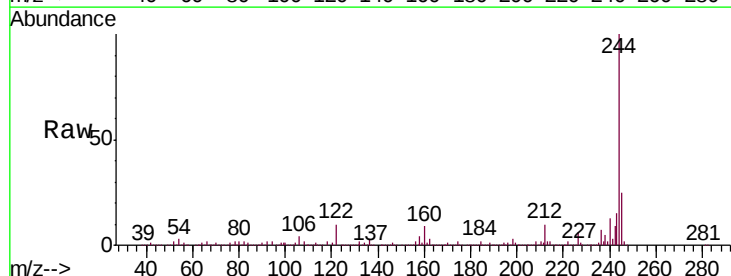
Tgt Ion:184 Resp: 32538

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

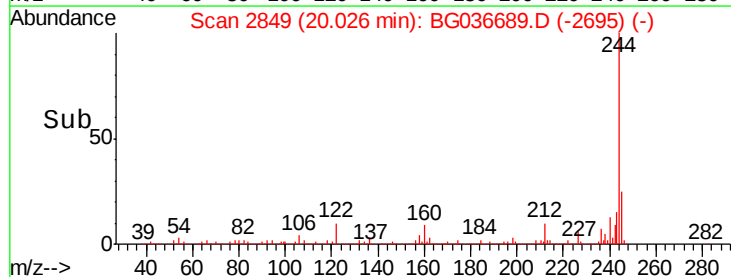
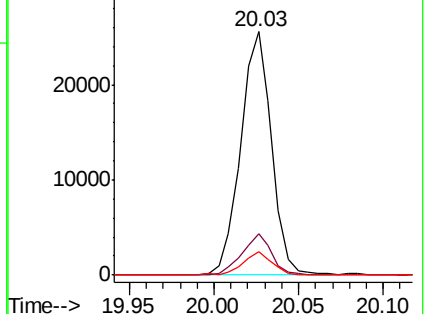
183 9.7 10.9 16.3#

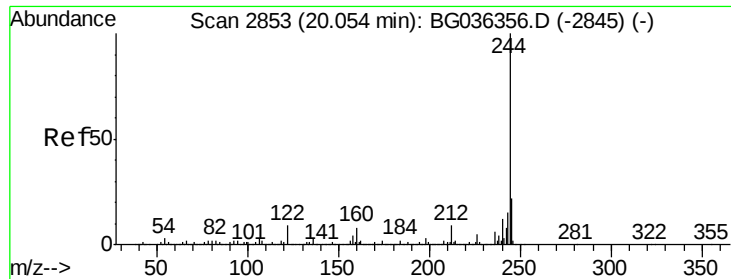


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

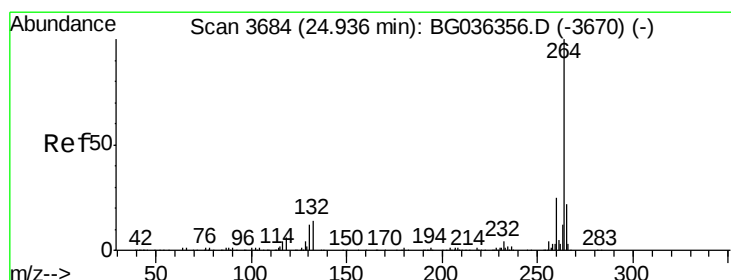
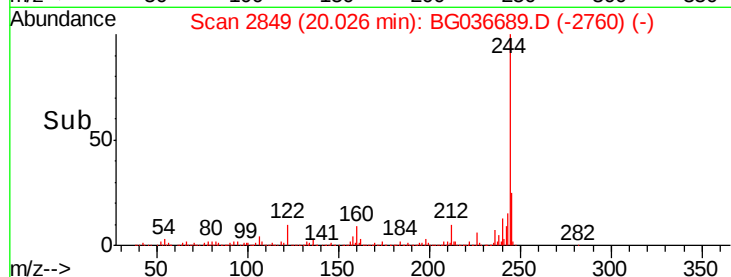
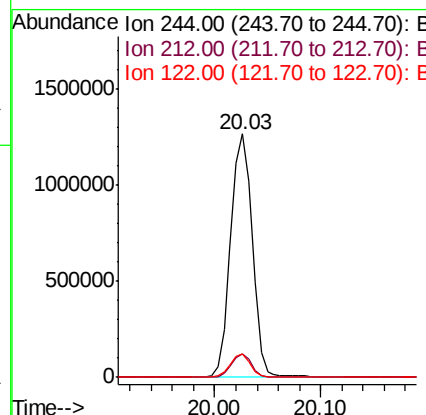
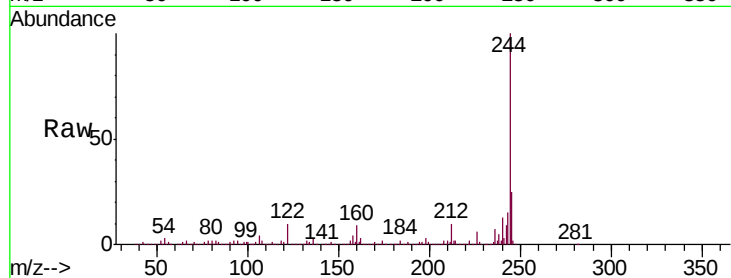




#78
 Terphenyl-d14
 Concen: 106.532 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

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

Tgt Ion:244 Resp: 1803895
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.0 10.6
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036689.D
 Acq: 13 Sep 2018 19:18

Tgt Ion:264 Resp: 349121
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.6 29.4
 265 21.9 17.4 26.0

