

Data File : BG036600.D
Acq On : 7 Sep 2018 17:01
Operator : JU/SJ
Sample : J4798-09RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 08 00:45:13 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

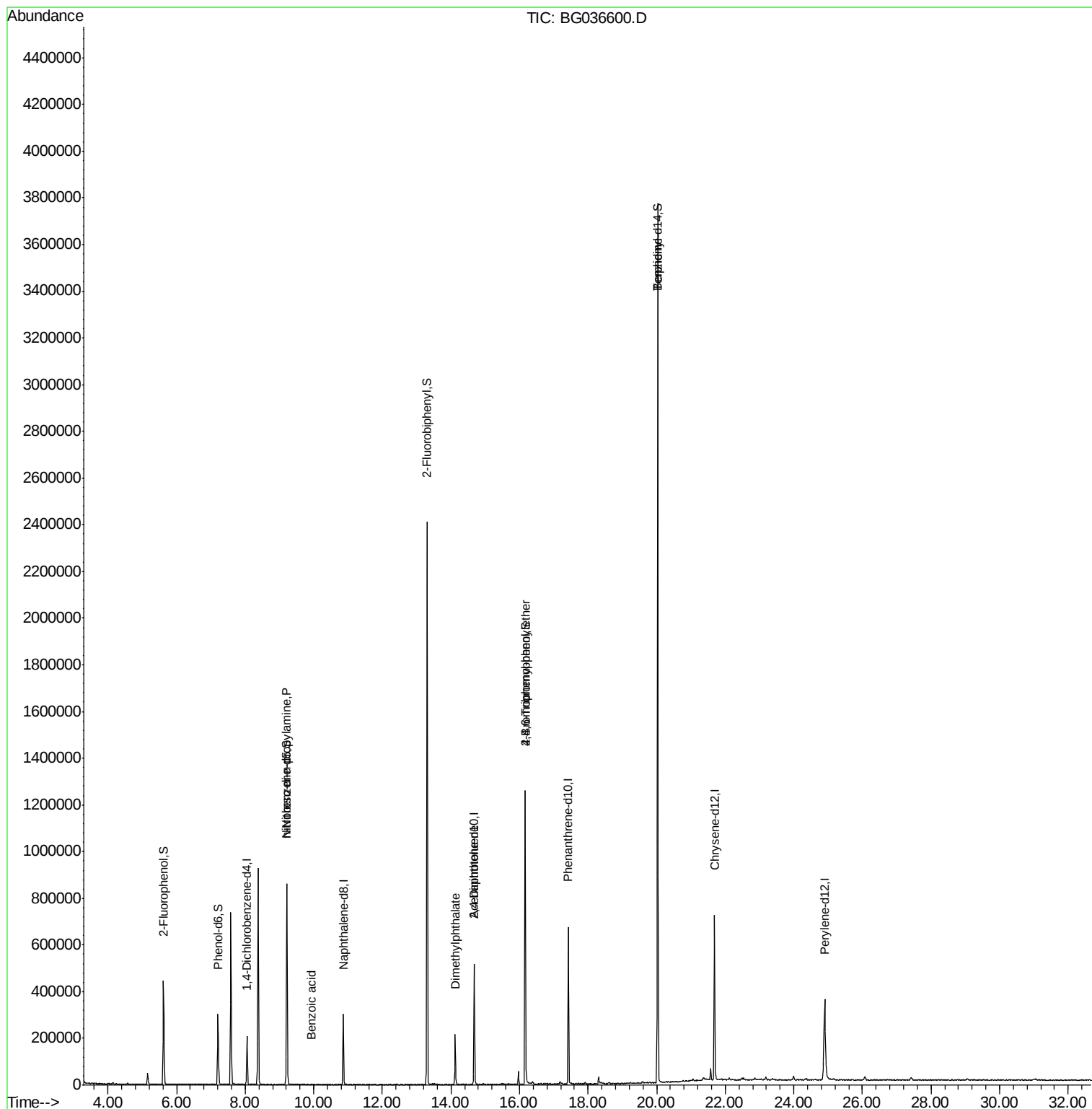
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59092	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	255616	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176712	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	435769	20.00	ng	0.00
75) Chrysene-d12	21.68	240	437439	20.00	ng	-0.01
86) Perylene-d12	24.89	264	424712	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	185944	49.92	ng	0.00
7) Phenol-d6	7.21	99	172669	32.37	ng	-0.01
23) Nitrobenzene-d5	9.22	82	522265	110.86	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	236703	112.26	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1221411	98.69	ng	0.00
78) Terphenyl-d14	20.03	244	1764813	94.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	70556	17.701	ng	# 70
32) Benzoic acid	9.94	122	53	4.496	ng	# 1
49) Dimethylphthalate	14.13	163	146958	10.185	ng	99
56) 2,4-Dinitrotoluene	14.68	165	22938	5.928	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	17067	3.345	ng	# 1
76) Benzidine	20.03	184	31678	2.270	ng	# 91

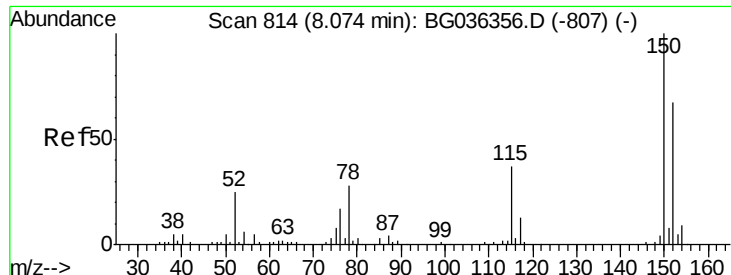
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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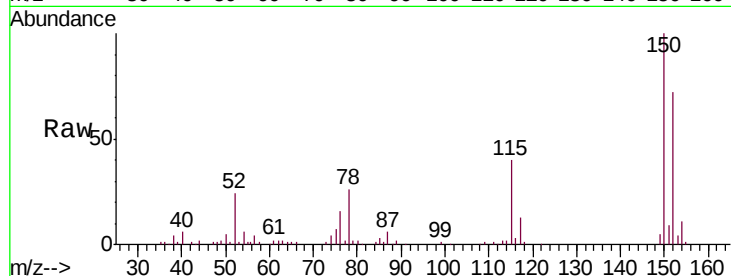




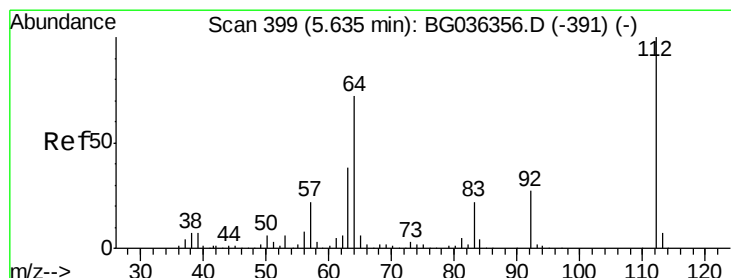
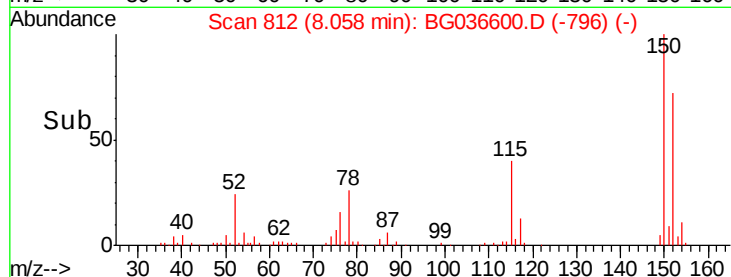
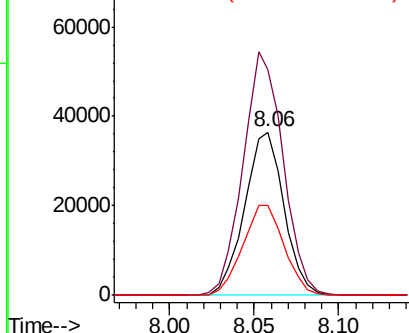
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

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

Tgt Ion:152 Resp: 59092
 Ion Ratio Lower Upper
 152 100
 150 138.8 119.5 179.3
 115 55.3 44.5 66.7

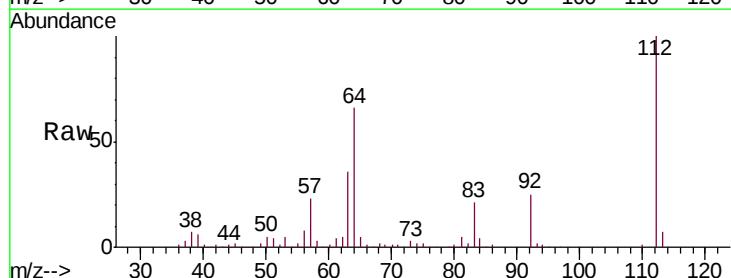


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

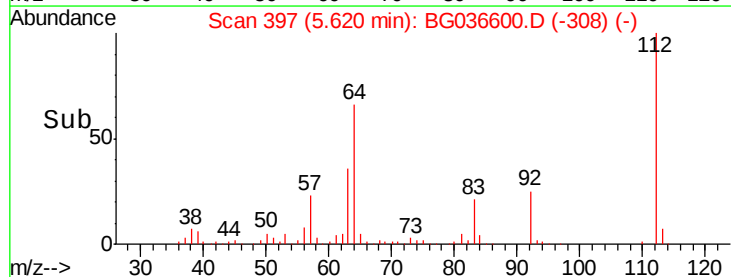
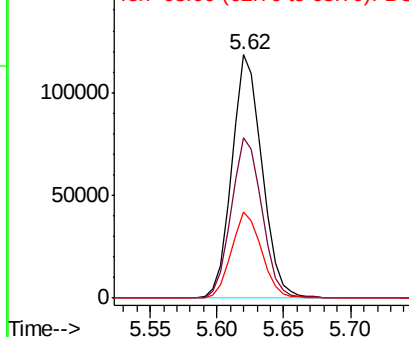


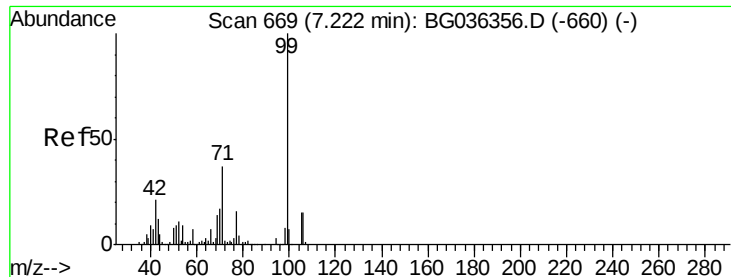
#5
 2-Fluorophenol
 Concen: 49.916 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Tgt Ion:112 Resp: 185944
 Ion Ratio Lower Upper
 112 100
 64 65.8 57.2 85.8
 63 35.5 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: 32.374 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

Instrument :

BNA_G

ClientSampleId :

090418-SIDI-E-U-M

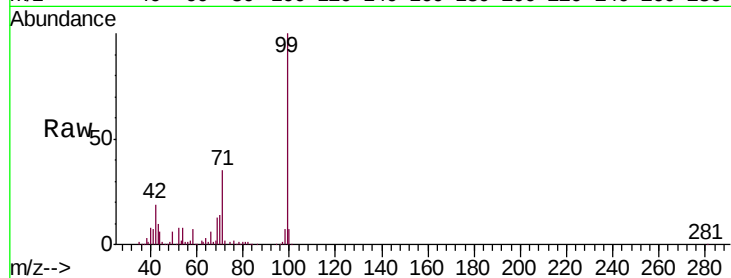
Tgt Ion: 99 Resp: 172669

Ion Ratio Lower Upper

99 100

42 18.7 16.5 24.7

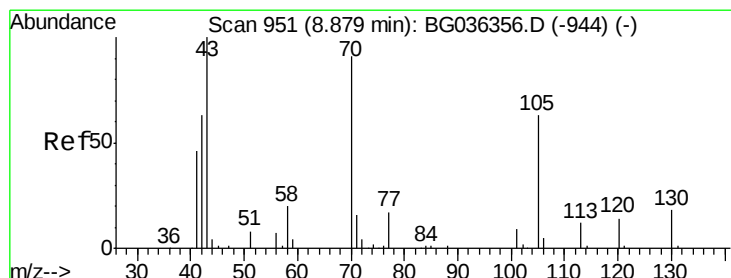
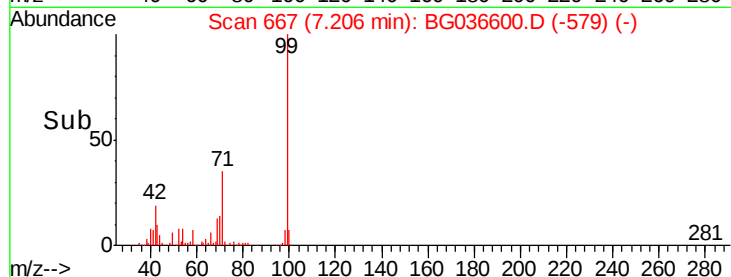
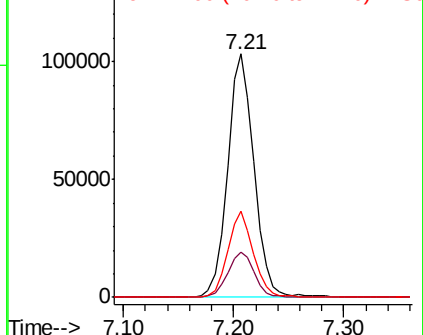
71 35.2 29.4 44.2



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: 17.701 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036600.D

Acq: 7 Sep 2018 17:01

Tgt Ion: 70 Resp: 70556

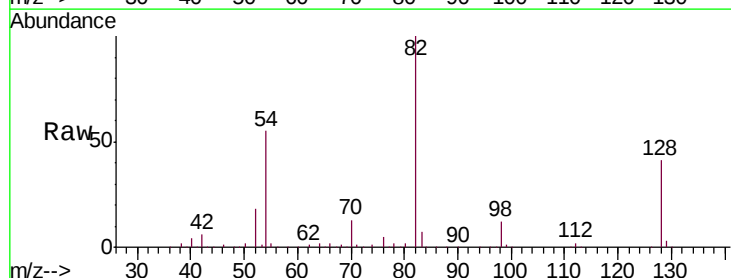
Ion Ratio Lower Upper

70 100

42 47.5 56.2 84.4#

101 0.0 7.8 11.6#

130 2.5 16.2 24.2#

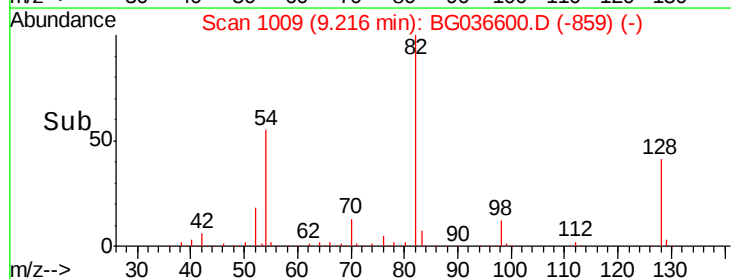
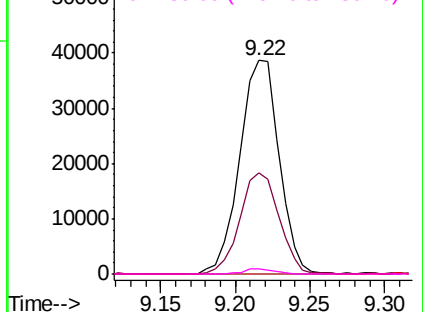


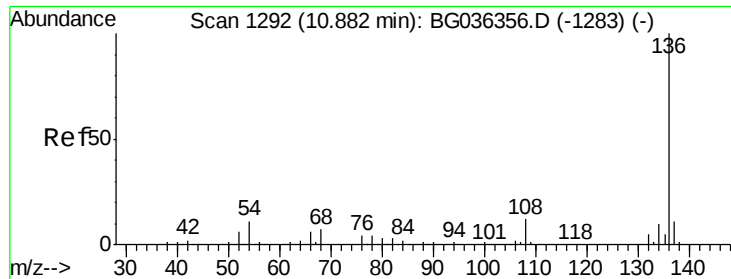
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

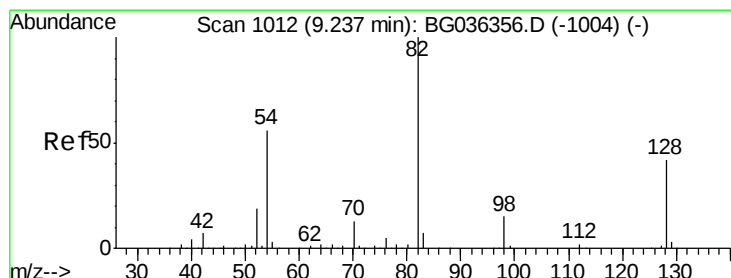
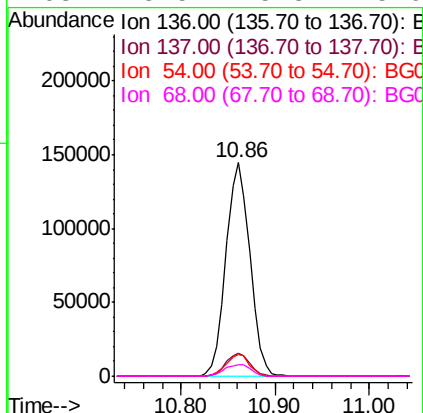
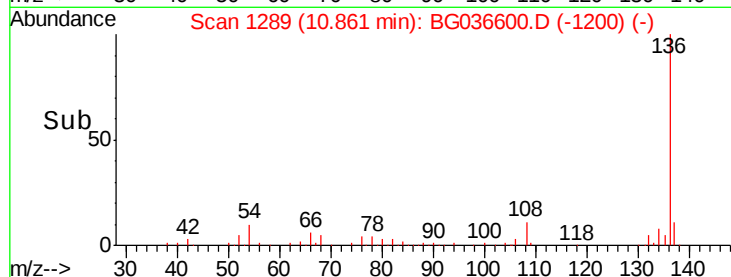
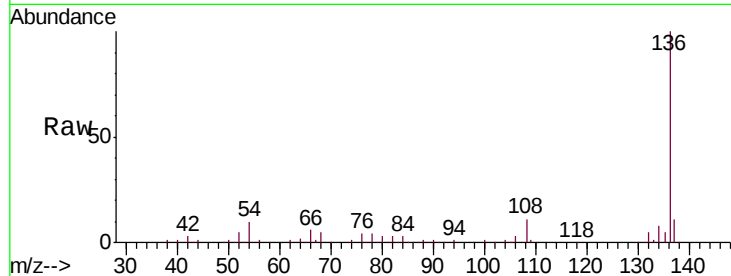




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036600.D
Acq: 7 Sep 2018 17:01

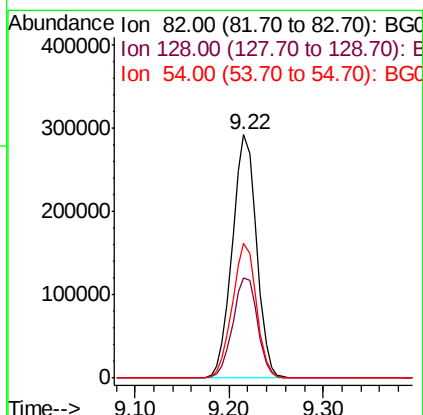
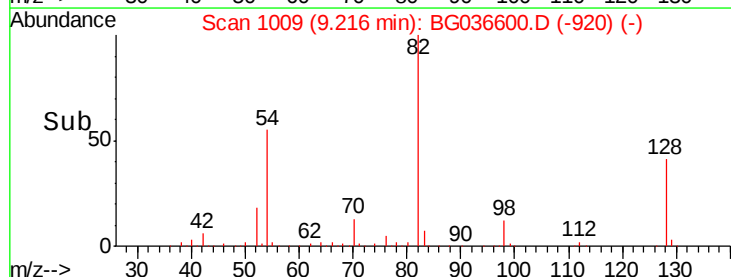
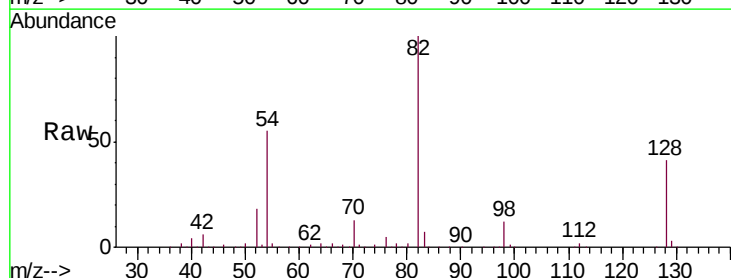
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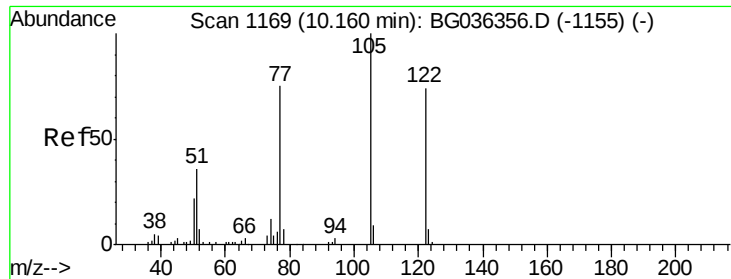
Tgt Ion:	136	Resp:	255616
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.9	9.2	13.8
68	5.5	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 110.855 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036600.D
Acq: 7 Sep 2018 17:01

Tgt Ion:	82	Resp:	522265
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	55.4	45.1	67.7

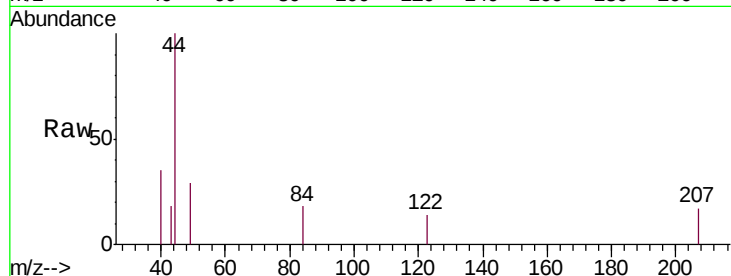




#32
Benzoic acid
Concen: 4.496 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.22 min
Lab File: BG036600.D
Acq: 7 Sep 2018 17:01

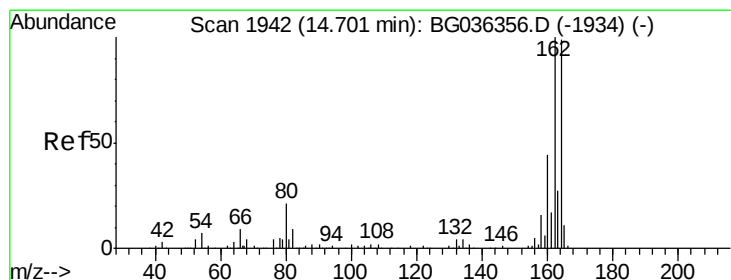
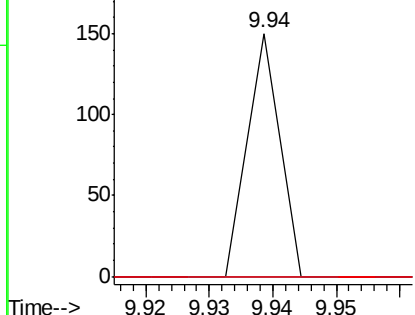
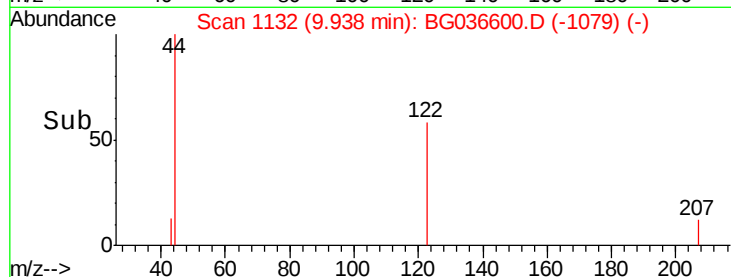
Instrument :
BNA_G
ClientSampleId :
090418-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



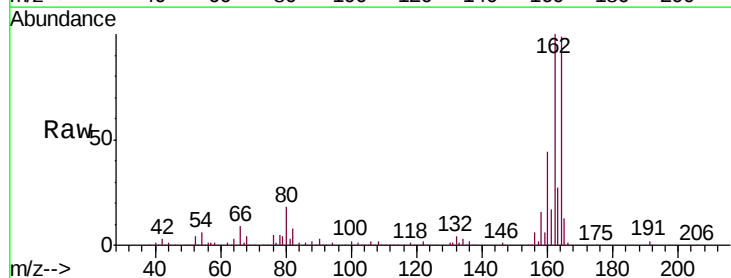
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

9.94



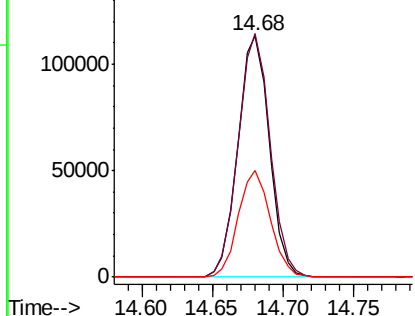
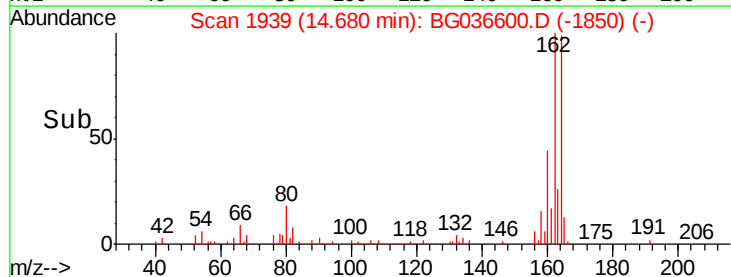
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036600.D
Acq: 7 Sep 2018 17:01

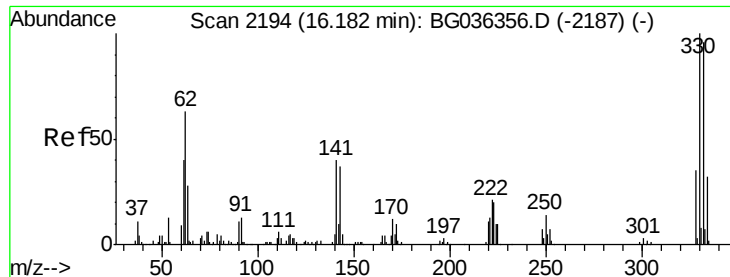
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	44.3	35.3	52.9



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

14.68

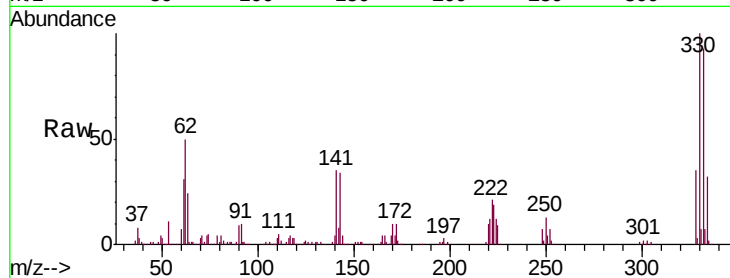




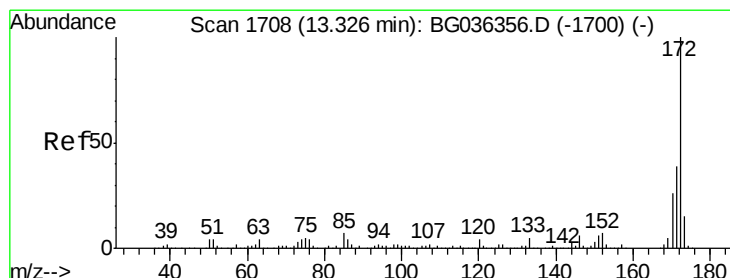
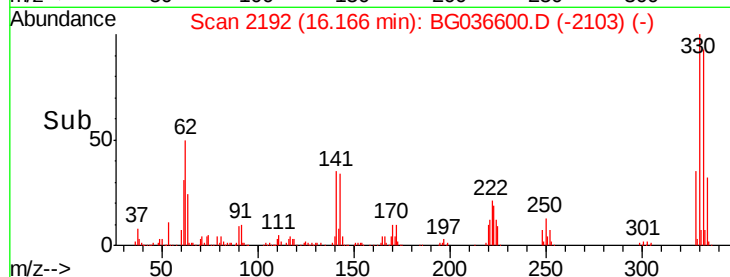
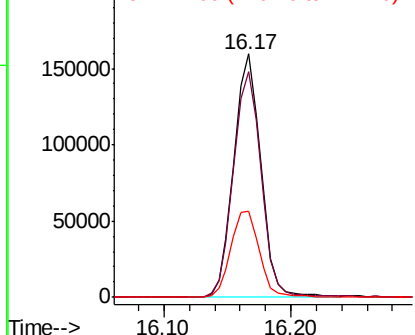
#41
 2,4,6-Tribromophenol
 Concen: 112.258 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Instrument :
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 090418-SIDI-E-U-M

Tgt Ion:330 Resp: 236703
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 37.6 30.7 46.1

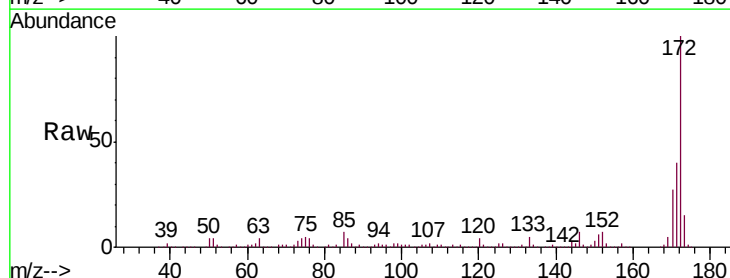


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.689 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036600.D
 Acq: 7 Sep 2018 17:01

Tgt Ion:172 Resp: 1221411
 Ion Ratio Lower Upper
 172 100
 171 39.8 31.3 46.9
 170 26.9 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

