

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
 Data File : BG036368.D
 Acq On : 23 Aug 2018 7:39
 Operator : JU/SJ
 Sample : J4540-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-B

Quant Time: Aug 23 12:31:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

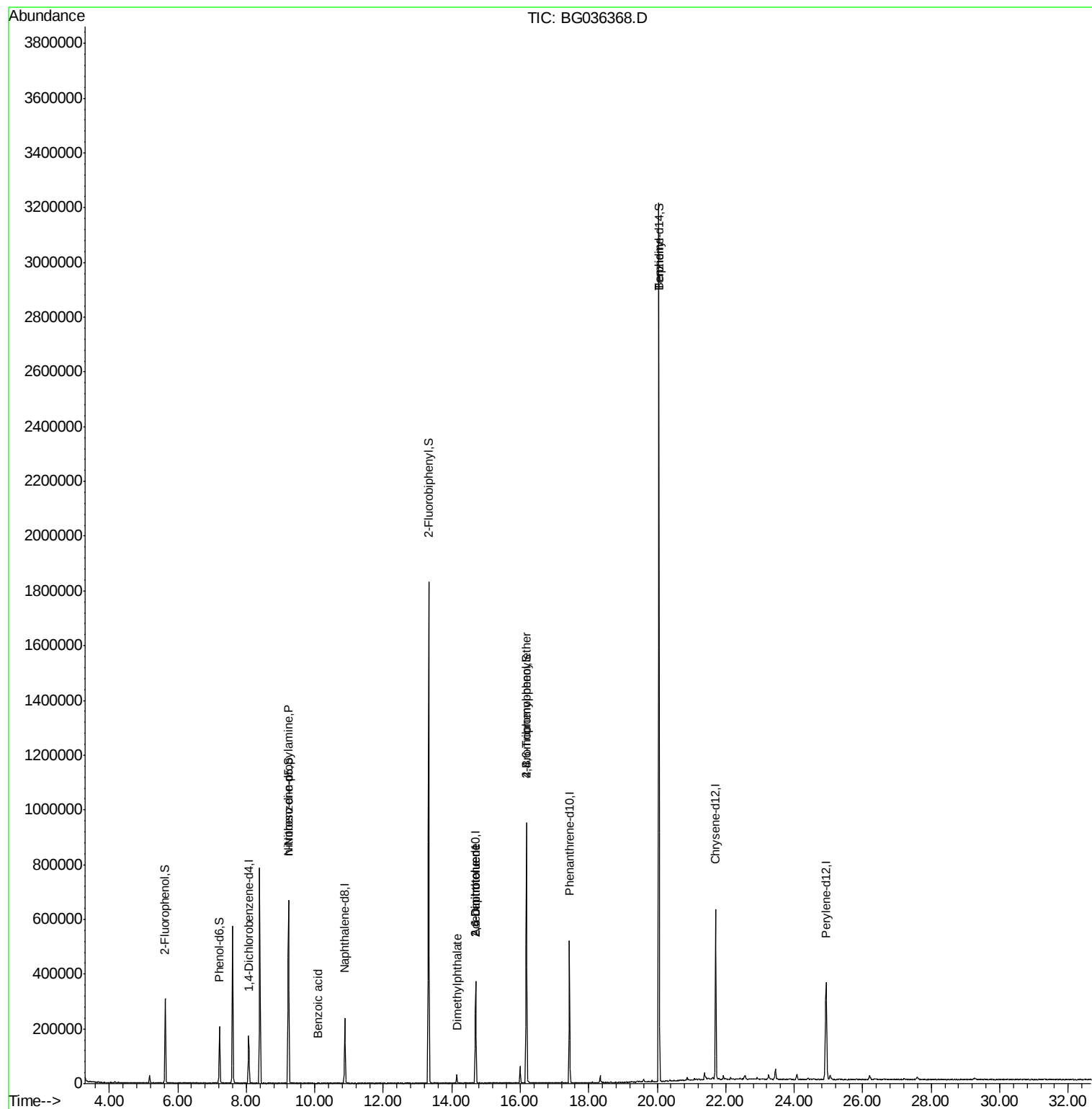
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48143	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	196716	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	125375	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	323912	20.00	ng	0.00
75) Chrysene-d12	21.71	240	375727	20.00	ng	0.00
86) Perylene-d12	24.93	264	382890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	129390	42.63	ng	0.00
7) Phenol-d6	7.22	99	110282	25.38	ng	0.00
23) Nitrobenzene-d5	9.23	82	388316	107.10	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	164537	109.98	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	923409	105.16	ng	0.00
78) Terphenyl-d14	20.05	244	1411832	87.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53520	16.480	ng	# 72
32) Benzoic acid	10.09	122	56	4.503	ng	# 1
49) Dimethylphthalate	14.15	163	20563	2.009	ng	# 96
50) 2,6-Dinitrotoluene	14.69	165	15897	7.546	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	15897	5.790	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	11873	3.131	ng	# 1
76) Benzidine	20.05	184	25239	2.105	ng	# 90

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

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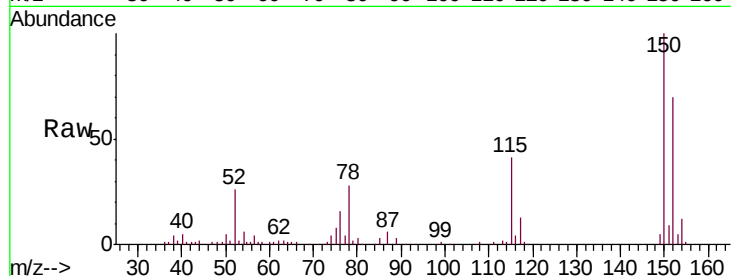




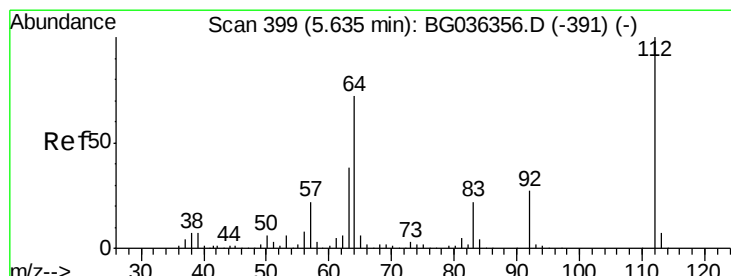
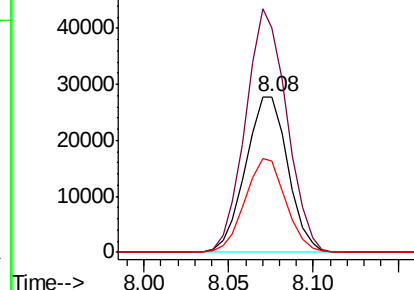
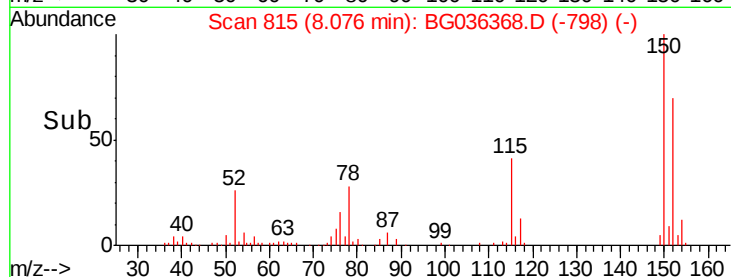
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-B

Tgt Ion:152 Resp: 48143
 Ion Ratio Lower Upper
 152 100
 150 143.9 119.5 179.3
 115 58.8 44.5 66.7

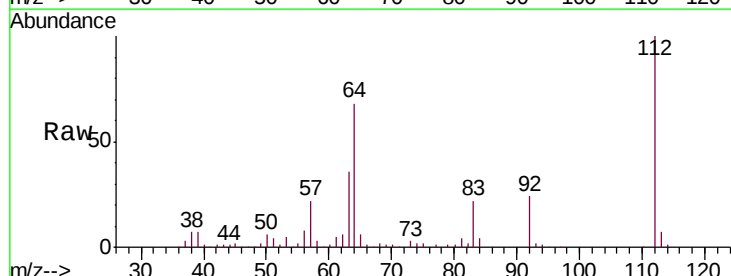


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

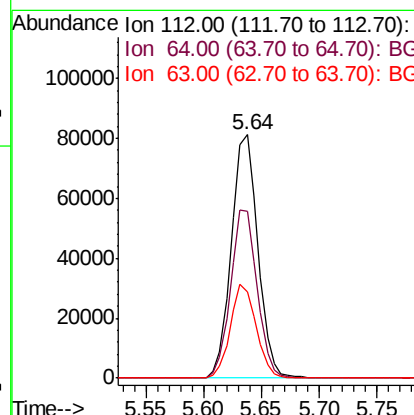
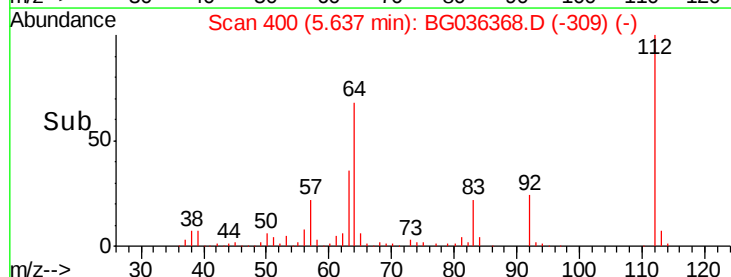


#5
 2-Fluorophenol
 Concen: 42.634 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Tgt Ion:112 Resp: 129390
 Ion Ratio Lower Upper
 112 100
 64 68.4 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: 25.380 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-B

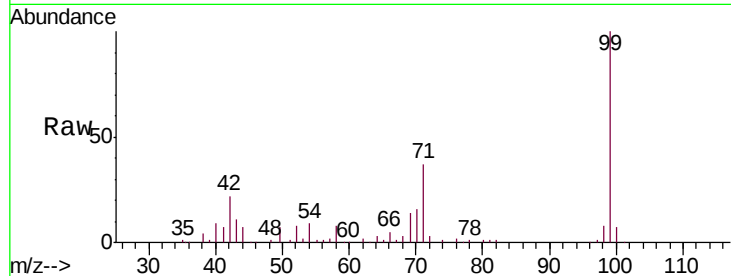
Tgt Ion: 99 Resp: 110282

Ion Ratio Lower Upper

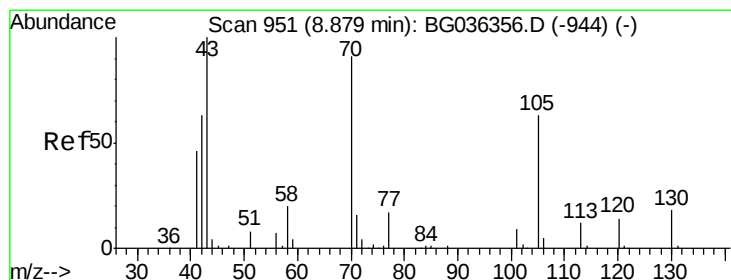
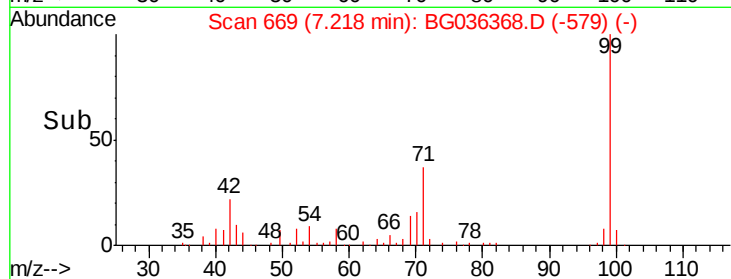
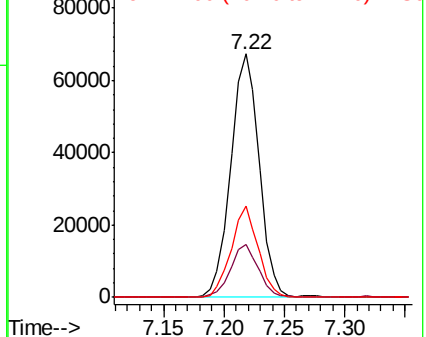
99 100

42 21.6 16.5 24.7

71 37.4 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: 16.480 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

Tgt Ion: 70 Resp: 53520

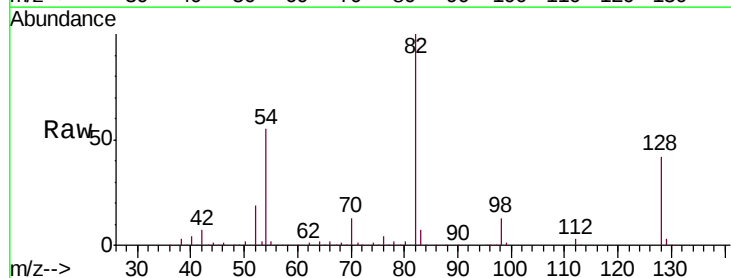
Ion Ratio Lower Upper

70 100

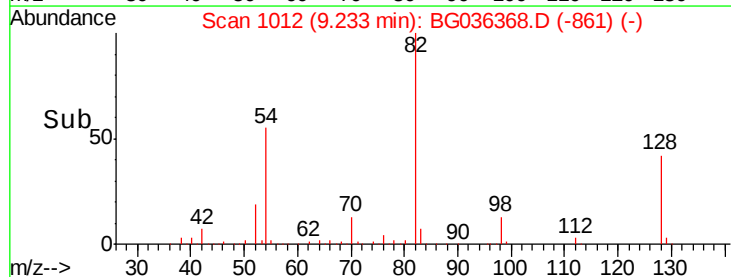
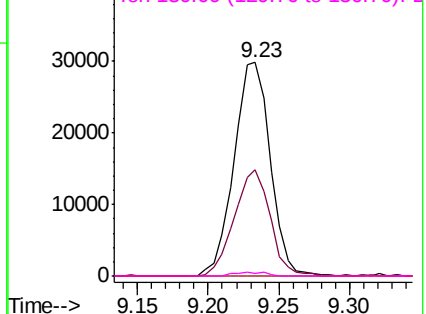
42 50.0 56.2 84.4#

101 0.0 7.8 11.6#

130 1.4 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

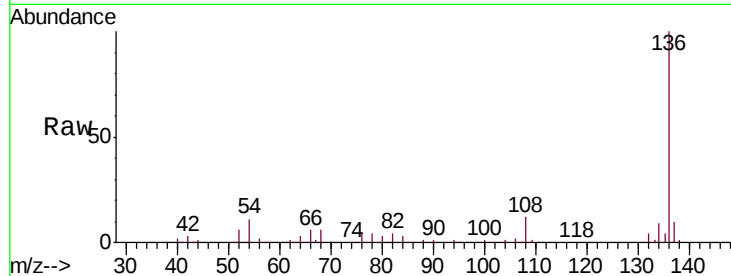




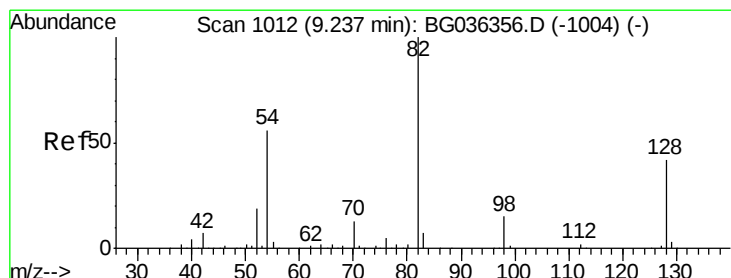
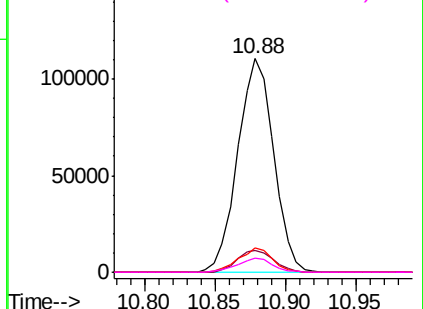
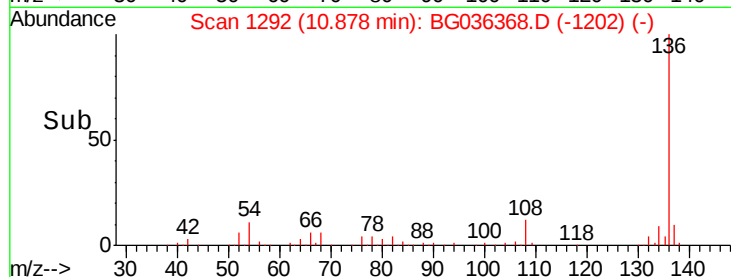
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036368.D
Acq: 23 Aug 2018 7:39

Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-U-B

Tgt Ion:	136	Resp:	196716
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	11.5	9.2	13.8
68	6.3	5.8	8.6

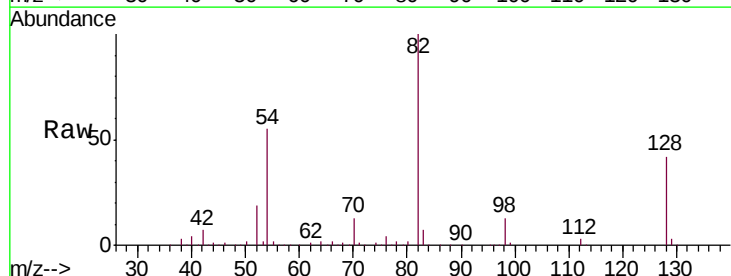


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

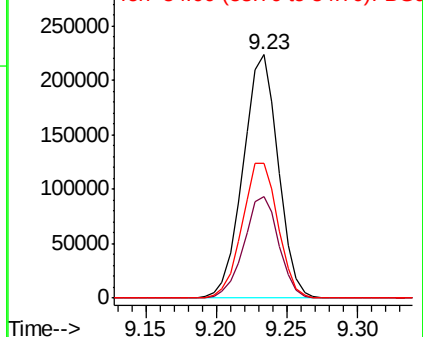
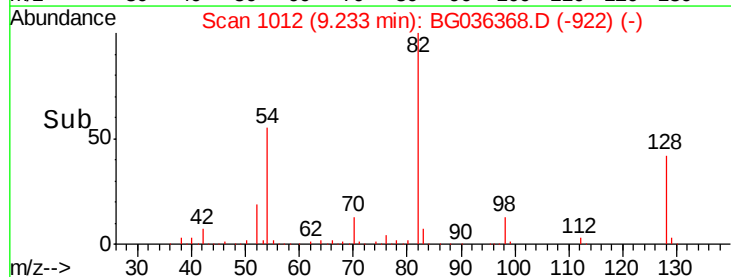


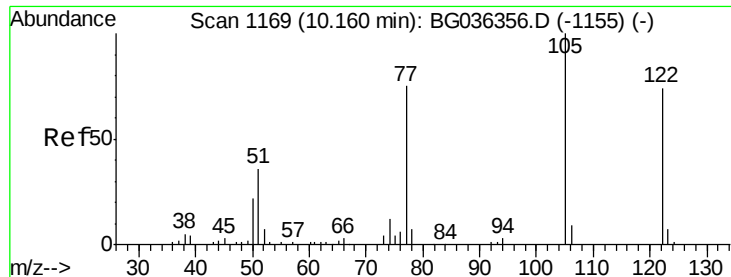
#23
Nitrobenzene-d5
Concen: 107.102 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG036368.D
Acq: 23 Aug 2018 7:39

Tgt Ion:	82	Resp:	388316
Ion	Ratio	Lower	Upper
82	100		
128	41.5	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





#32

Benzoic acid

Concen: 4.503 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.07 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

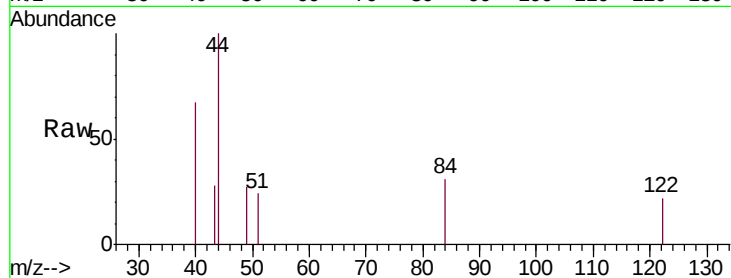
Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-B

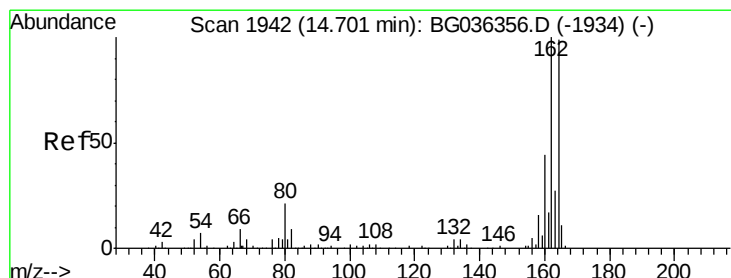
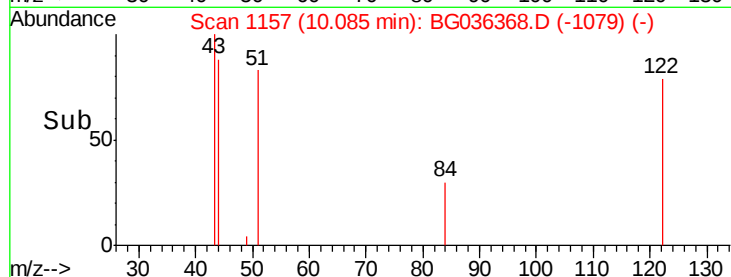
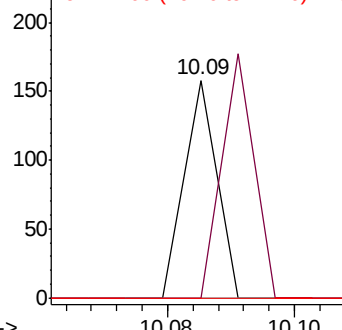
Tgt Ion:	122	Resp:	56
Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

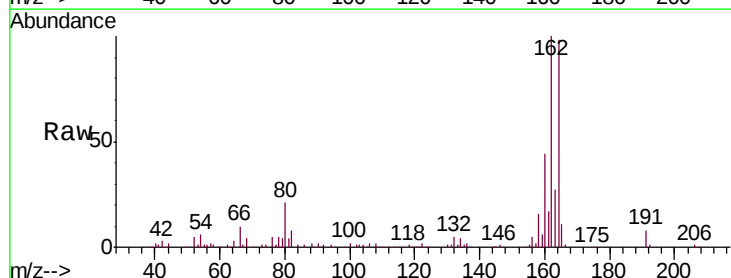
RT: 14.70 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

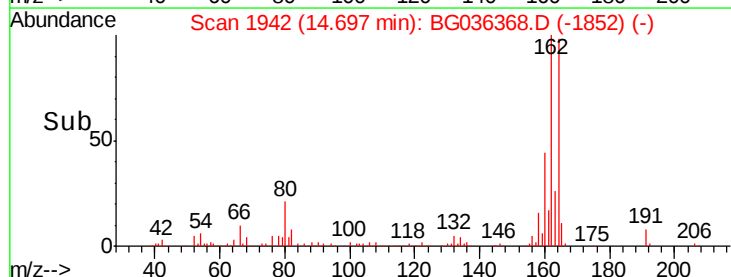
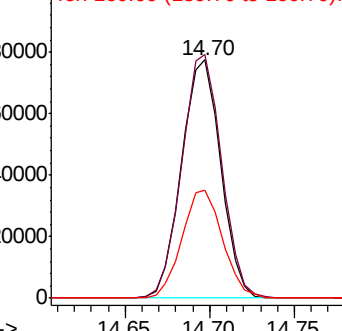
Tgt Ion:	164	Resp:	125375
Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.4	35.3	52.9

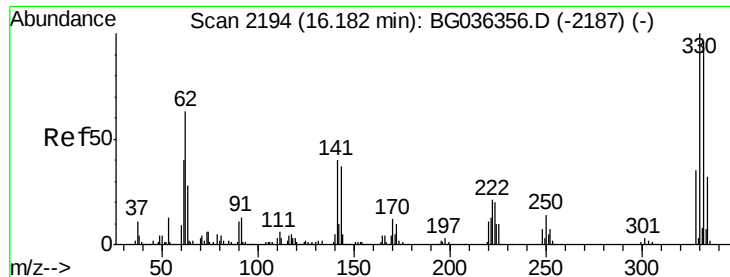


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

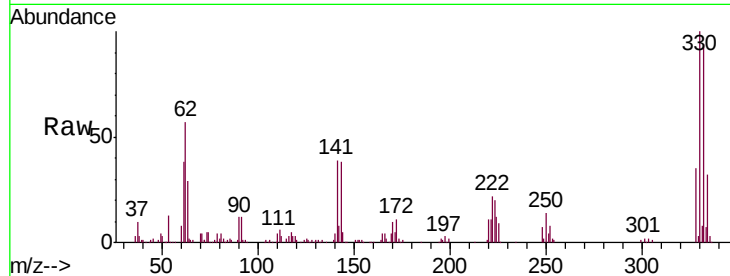




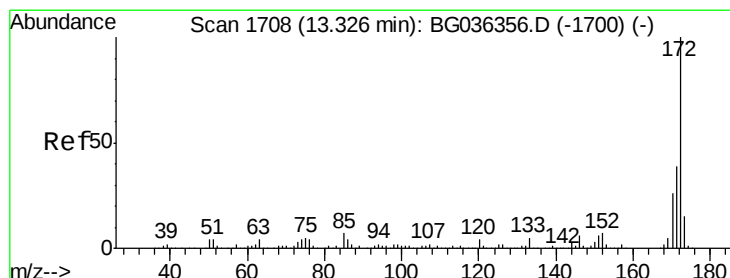
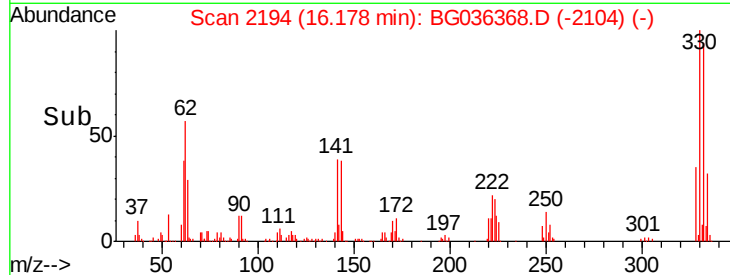
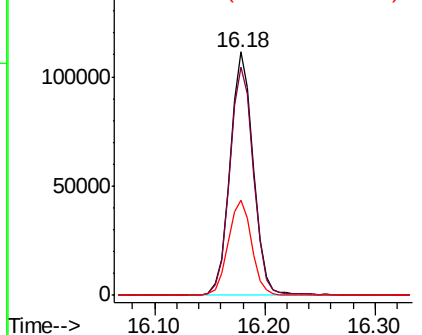
#41
 2,4,6-Tribromophenol
 Concen: 109.984 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	39.8	30.7	46.1

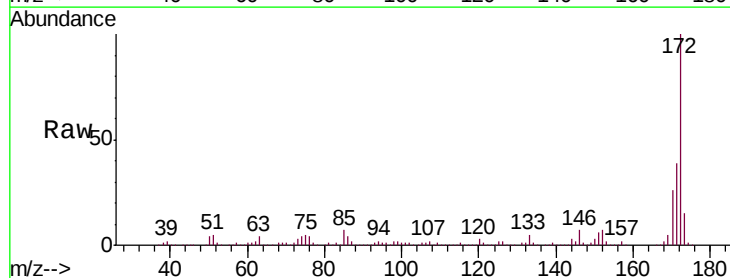


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

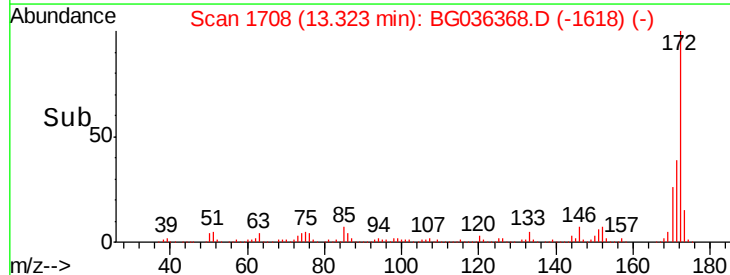
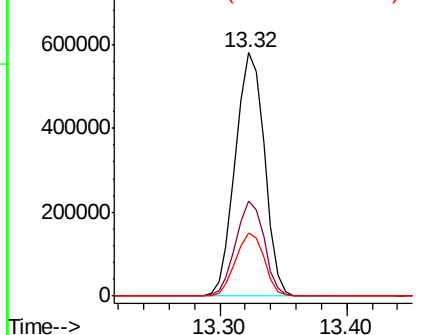


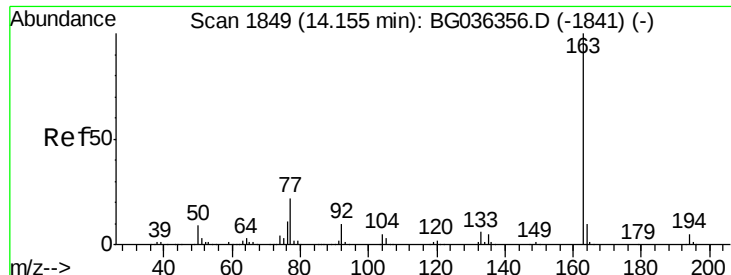
#44
 2-Fluorobiphenyl
 Concen: 105.161 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.9	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 800000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.009 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-B

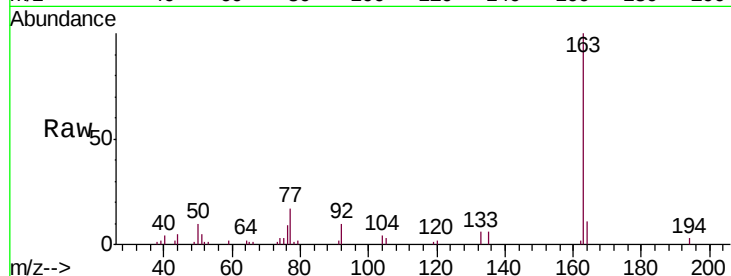
Tgt Ion:163 Resp: 20563

Ion Ratio Lower Upper

163 100

194 2.6 4.0 6.0#

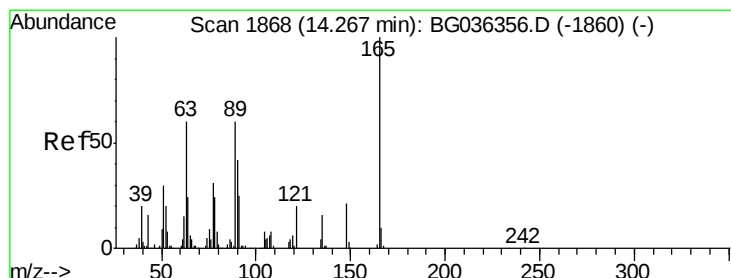
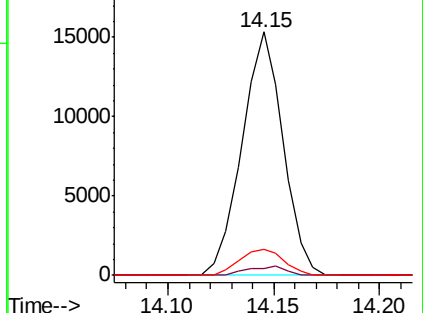
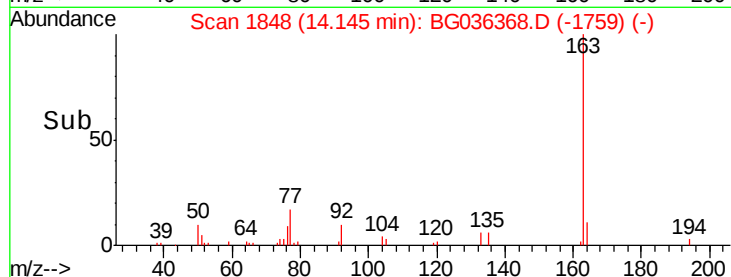
164 10.9 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 7.546 ng

RT: 14.69 min Scan# 1941

Delta R.T. 0.43 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

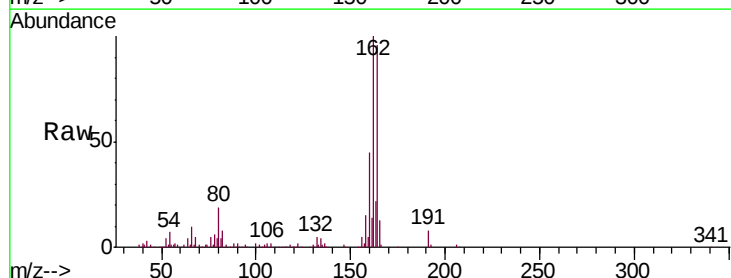
Tgt Ion:165 Resp: 15897

Ion Ratio Lower Upper

165 100

63 0.0 50.1 75.1#

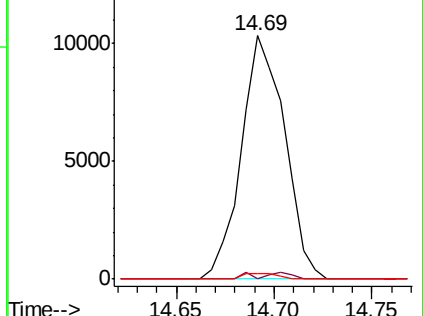
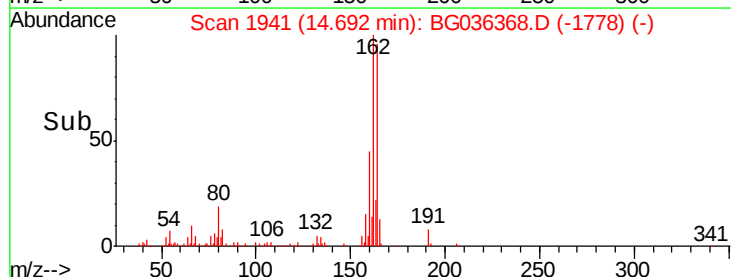
89 2.2 47.8 71.6#

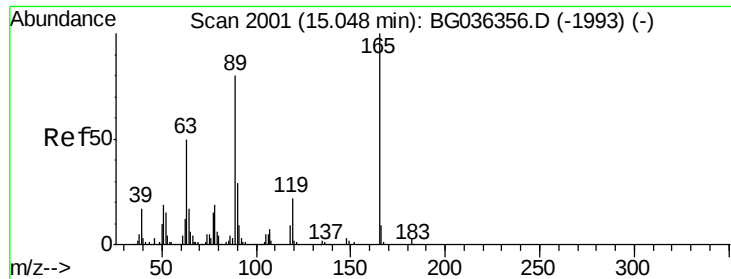


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

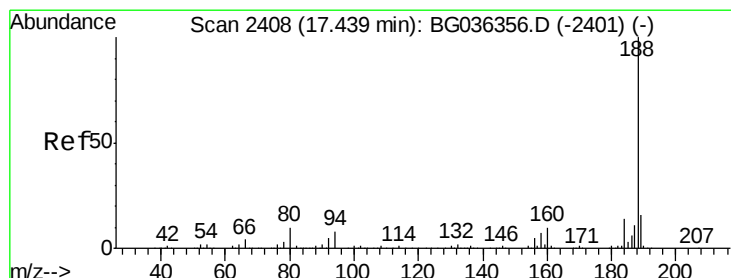
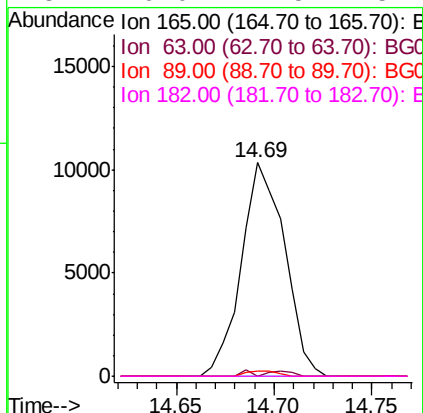
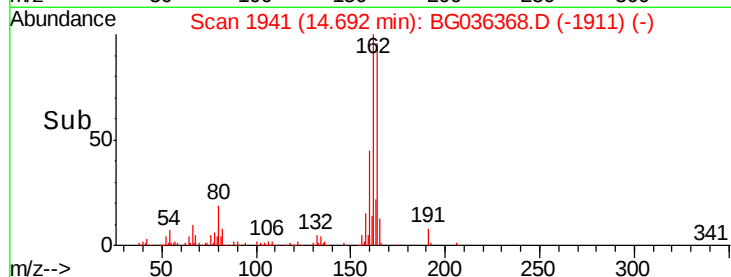
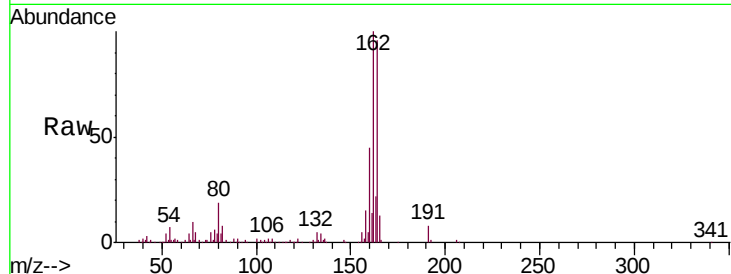




#56
 2,4-Dinitrotoluene
 Concen: 5.790 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.36 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

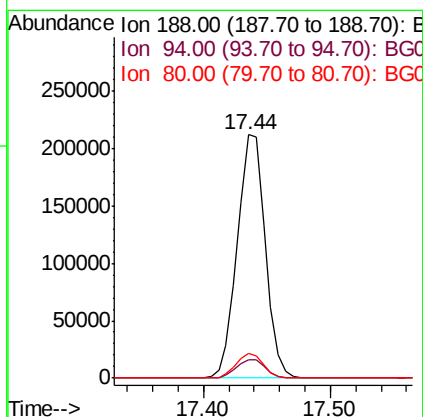
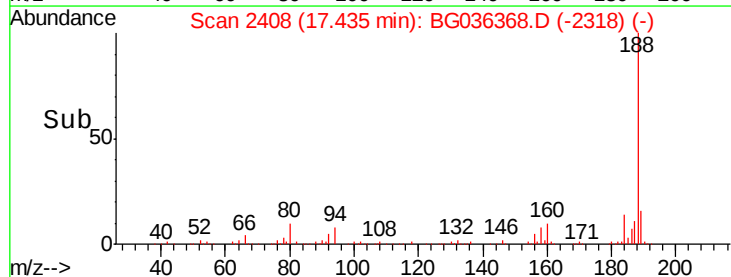
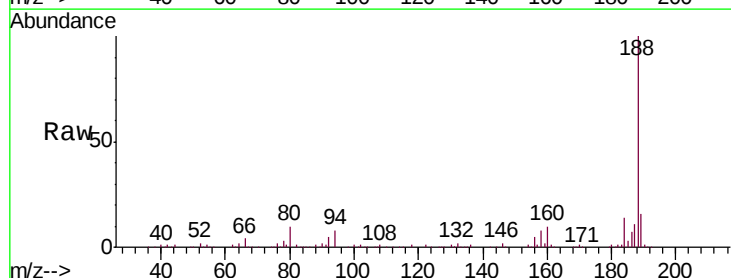
Instrument :
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 081618-SIDI-E-U-B

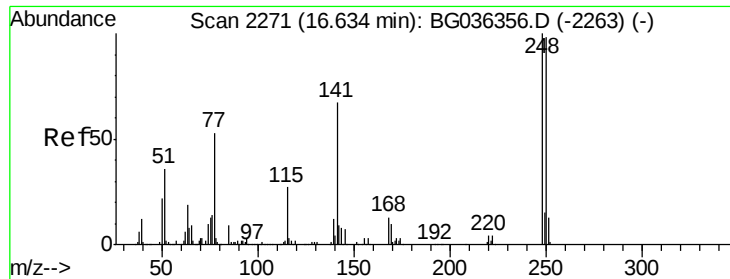
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	10.2	8.1	12.1

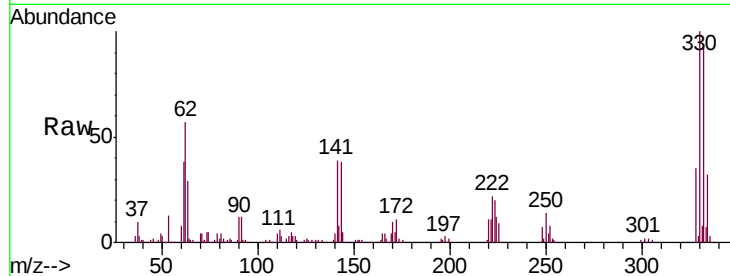




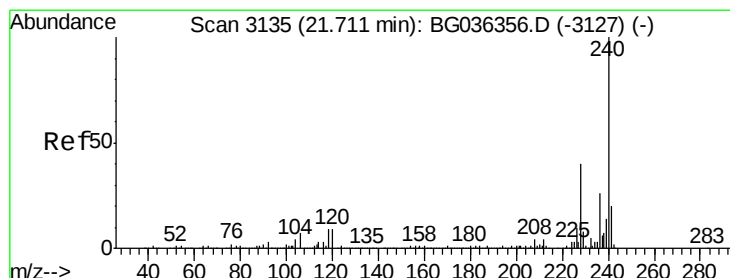
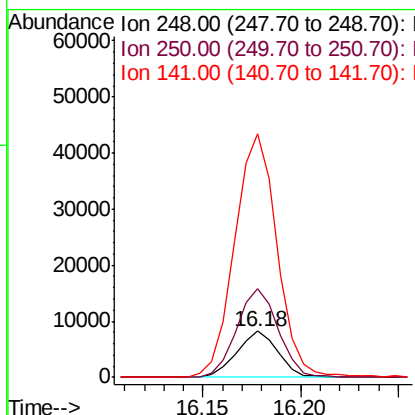
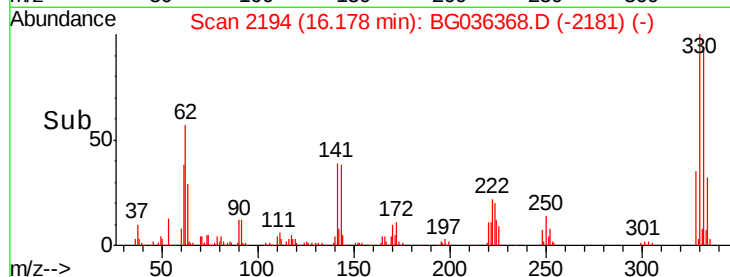
#66
 4-Bromophenyl-phenylether
 Concen: 3.131 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.46 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-B

Tgt Ion:248 Resp: 11873
 Ion Ratio Lower Upper
 248 100
 250 191.9 78.1 117.1#
 141 528.0 53.7 80.5#

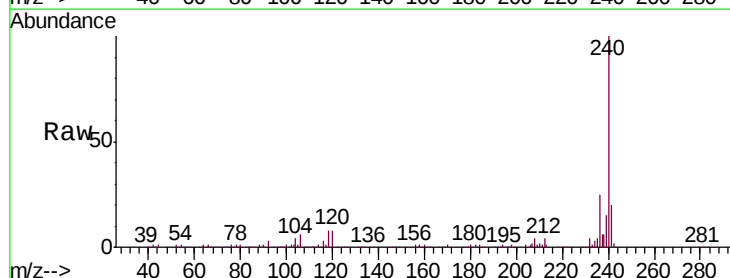


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

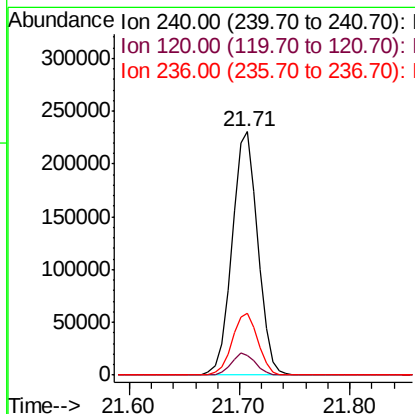
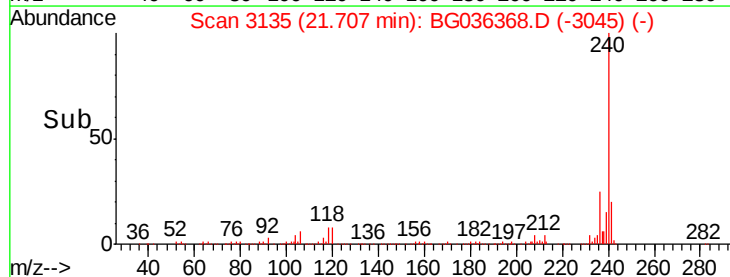


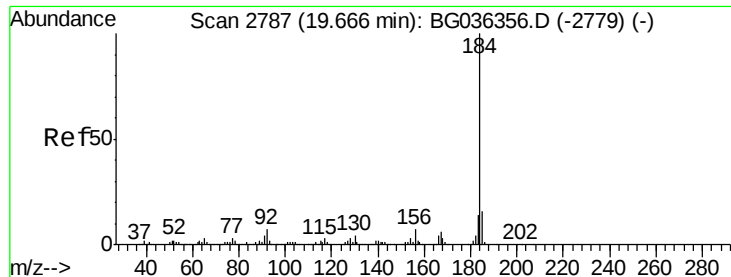
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036368.D
 Acq: 23 Aug 2018 7:39

Tgt Ion:240 Resp: 375727
 Ion Ratio Lower Upper
 240 100
 120 8.3 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: 2.105 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.38 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-B

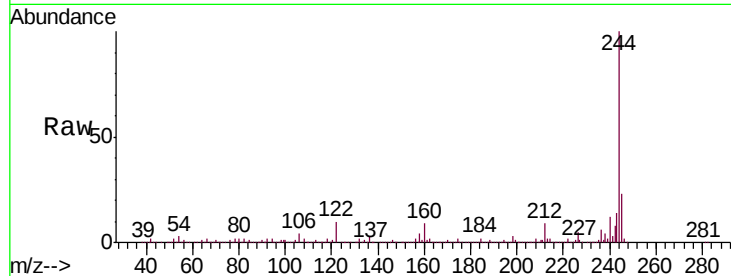
Tgt Ion:184 Resp: 25239

Ion Ratio Lower Upper

184 100

185 19.5 12.6 18.8#

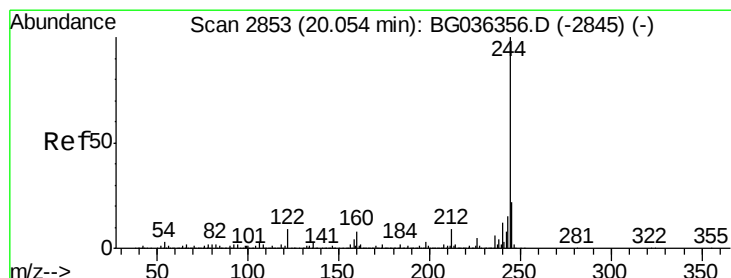
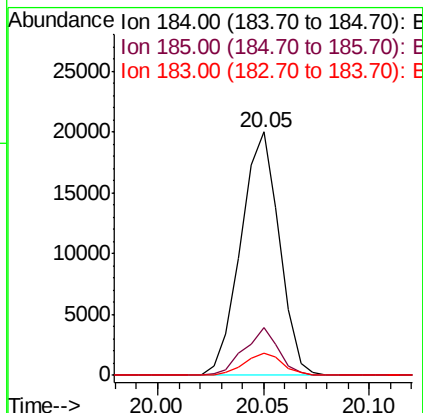
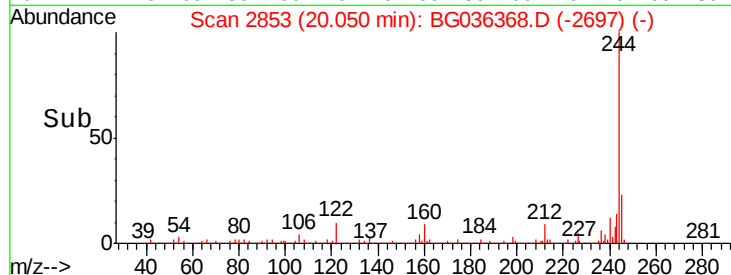
183 9.2 10.9 16.3#



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: 87.828 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036368.D

Acq: 23 Aug 2018 7:39

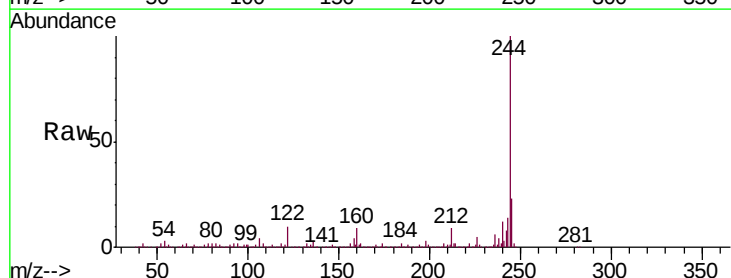
Tgt Ion:244 Resp: 1411832

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

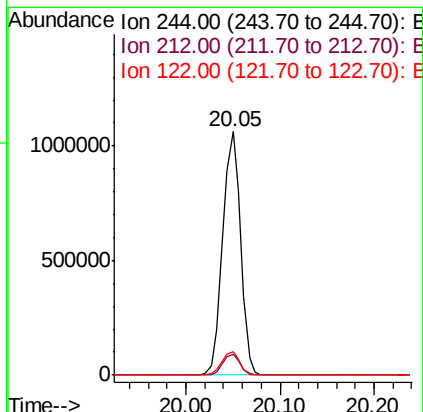
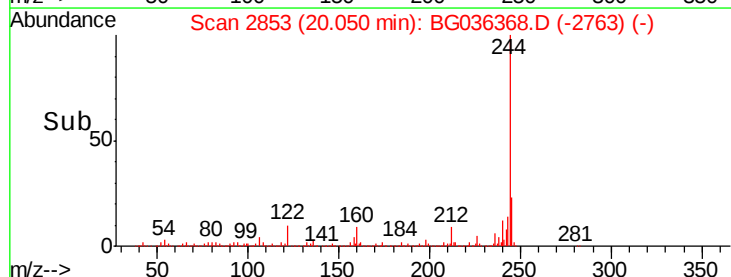
122 9.5 7.1 10.7

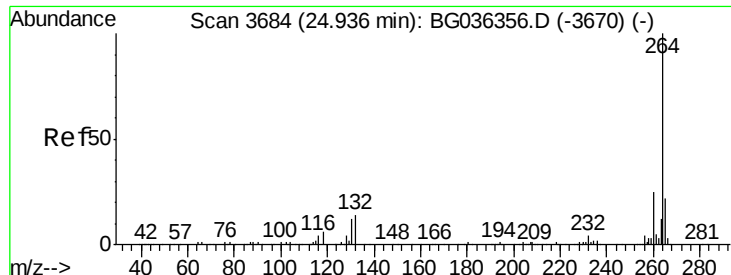


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG036368.D
Acq: 23 Aug 2018 7:39

Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-U-B

Tgt Ion:	264	Resp:	382890
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.9	17.4	26.0

