

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
 Data File : BG036369.D
 Acq On : 23 Aug 2018 8:18
 Operator : JU/SJ
 Sample : J4540-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Aug 23 12:31:57 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

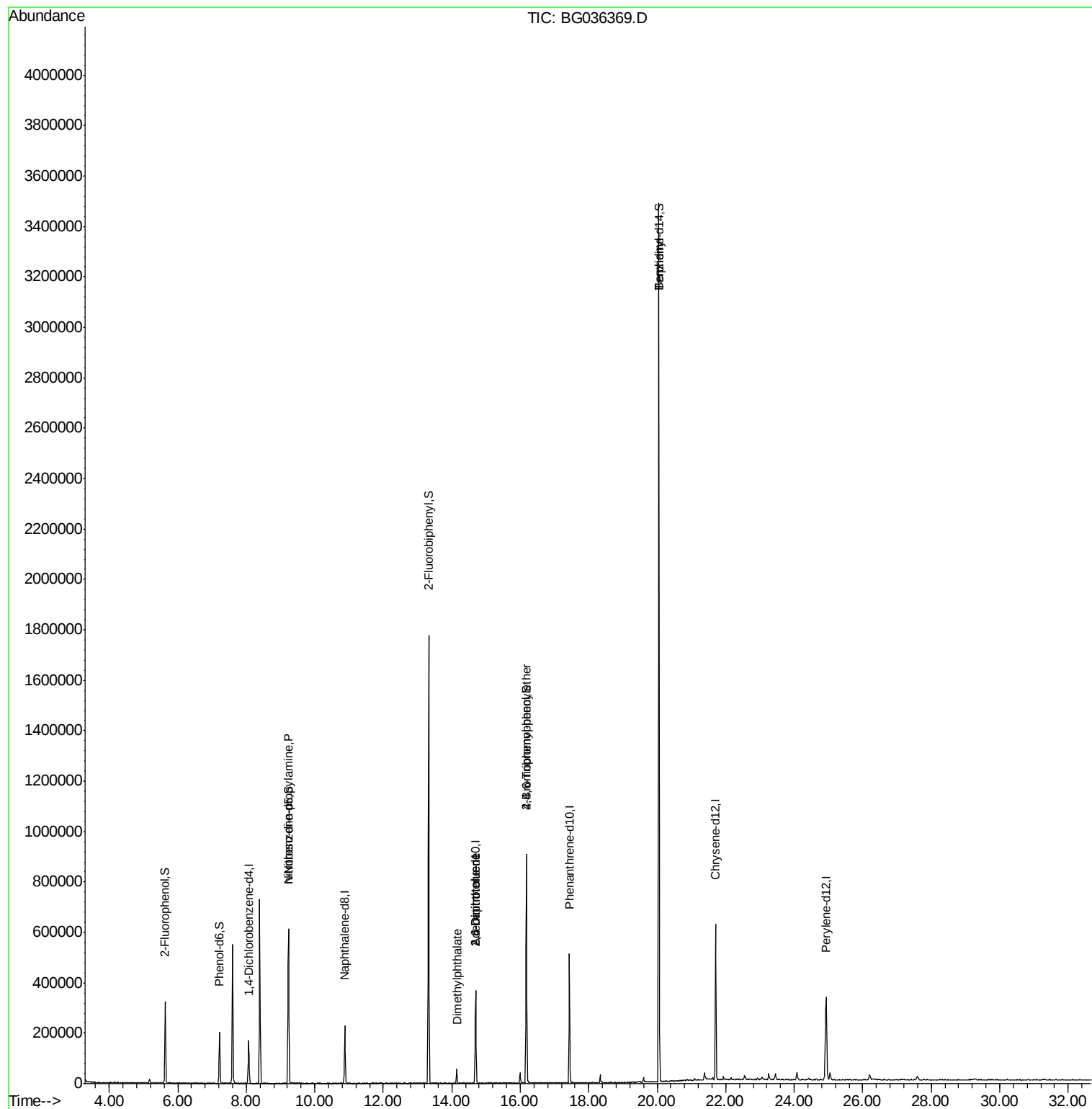
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47070	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	188548	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	124178	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	319733	20.00	ng	0.00
75) Chrysene-d12	21.71	240	369815	20.00	ng	0.00
86) Perylene-d12	24.93	264	372648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	130812	44.08	ng	0.00
7) Phenol-d6	7.22	99	118376	27.86	ng	0.00
23) Nitrobenzene-d5	9.23	82	366104	105.35	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	157407	106.23	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	875898	100.71	ng	0.00
78) Terphenyl-d14	20.05	244	1498317	94.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	48315	15.217	ng	# 74
49) Dimethylphthalate	14.15	163	36328	3.583	ng	# 95
50) 2,6-Dinitrotoluene	14.70	165	15939	7.639	ng	# 21
56) 2,4-Dinitrotoluene	14.70	165	15939	5.861	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	10909	2.914	ng	# 1
76) Benzidine	20.05	184	27319	2.315	ng	# 93

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

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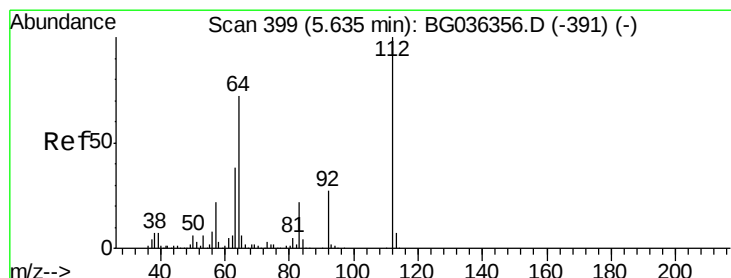
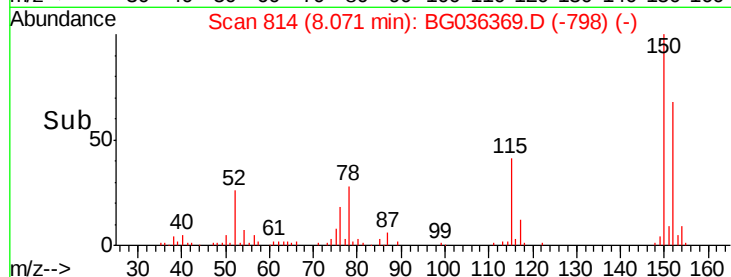
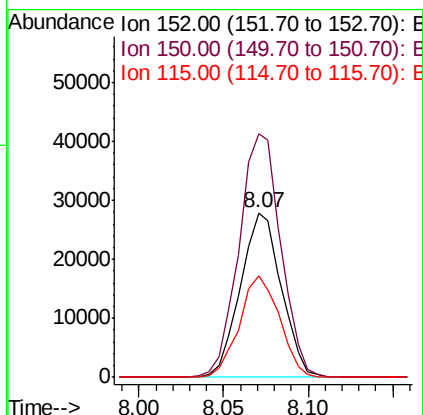
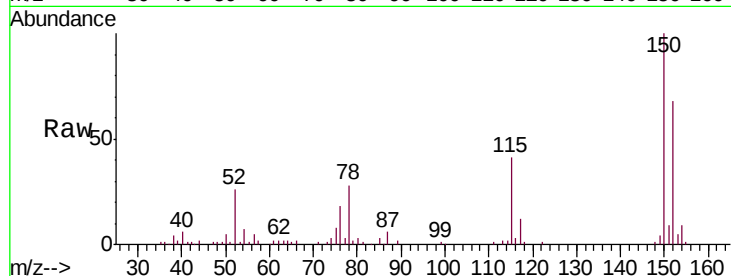


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

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

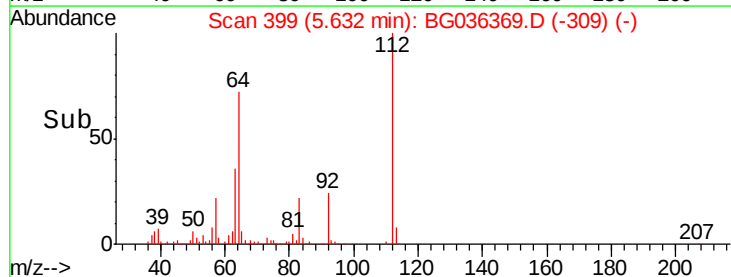
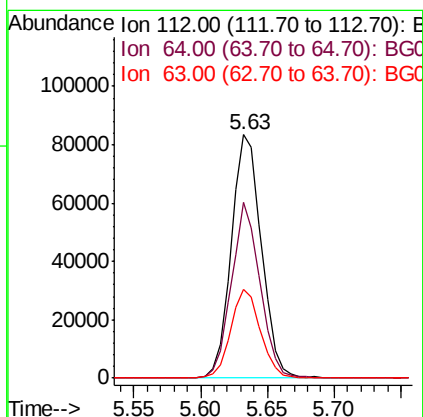
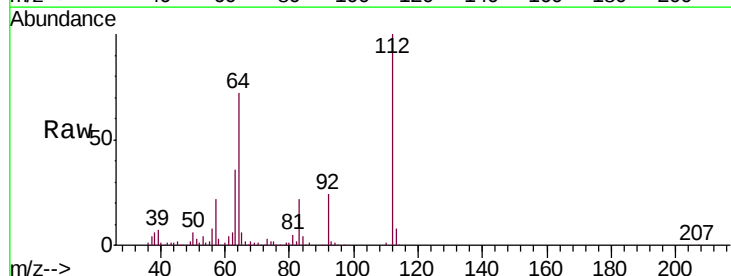
Tgt Ion:152 Resp: 47070
Ion Ratio Lower Upper
152 100
150 148.1 119.5 179.3
115 61.4 44.5 66.7



#5

2-Fluorophenol
Concen: 44.085 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Tgt Ion:112 Resp: 130812
Ion Ratio Lower Upper
112 100
64 72.3 57.2 85.8
63 36.3 30.8 46.2





#7

Phenol-d6

Concen: 27.863 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-S

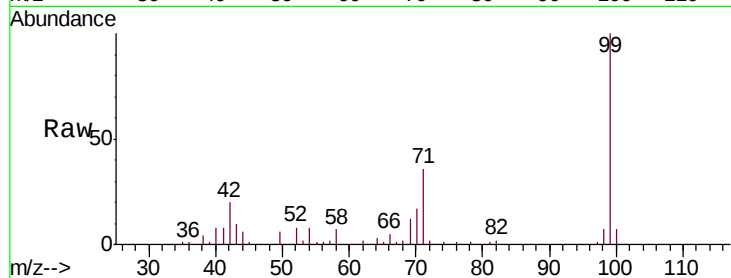
Tgt Ion: 99 Resp: 118376

Ion Ratio Lower Upper

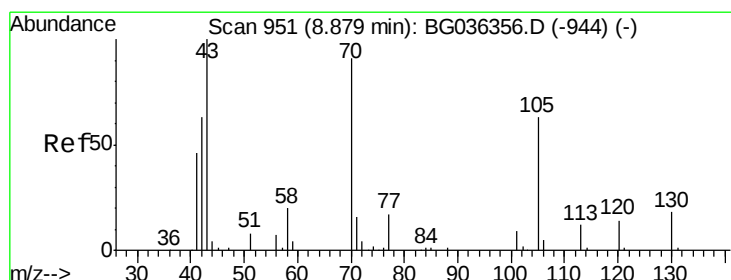
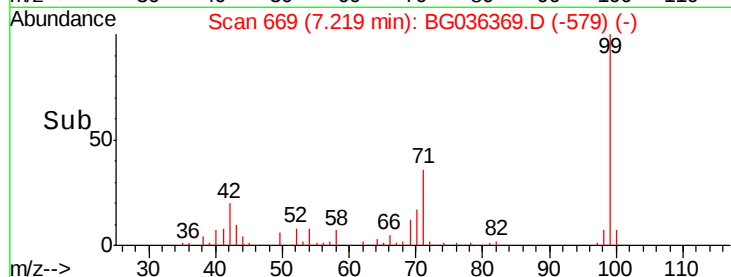
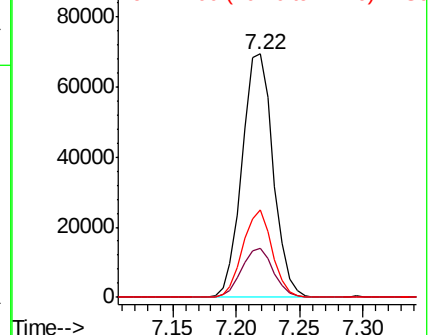
99 100

42 20.1 16.5 24.7

71 35.9 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: 15.217 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.36 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Tgt Ion: 70 Resp: 48315

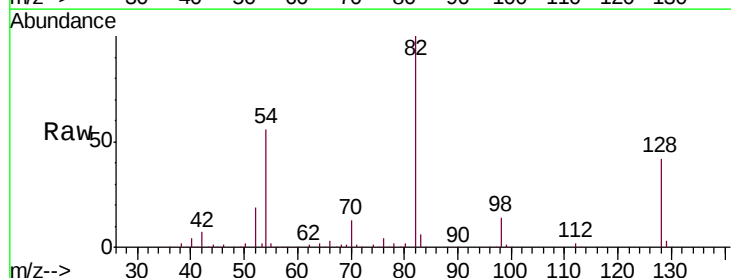
Ion Ratio Lower Upper

70 100

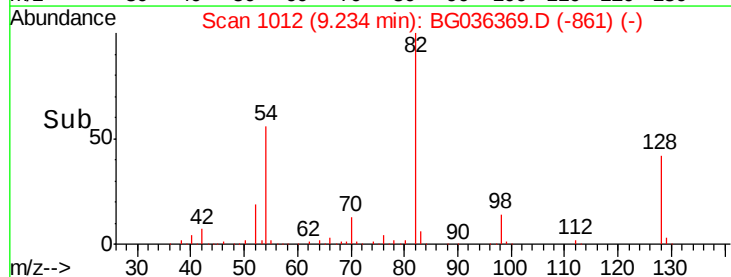
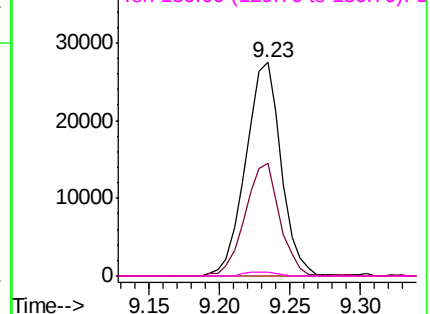
42 52.8 56.2 84.4#

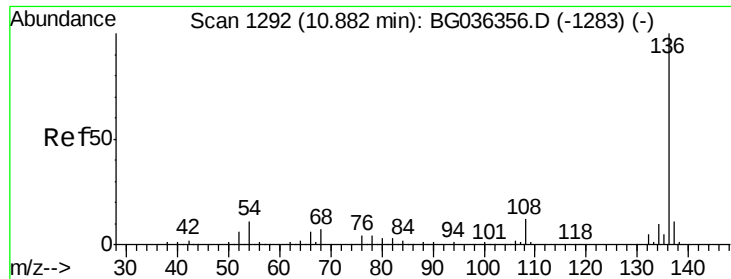
101 0.0 7.8 11.6#

130 1.8 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

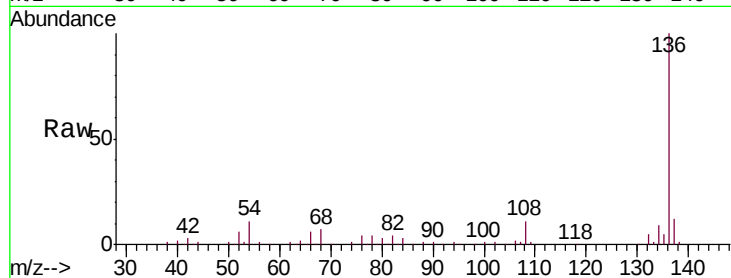




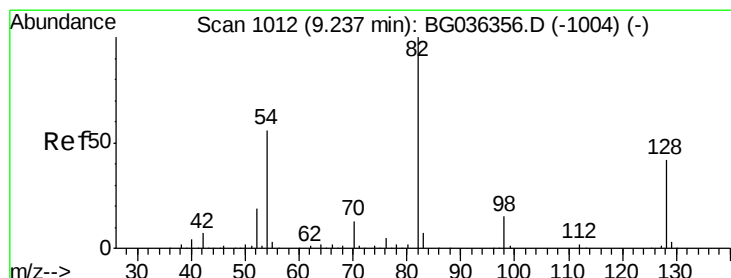
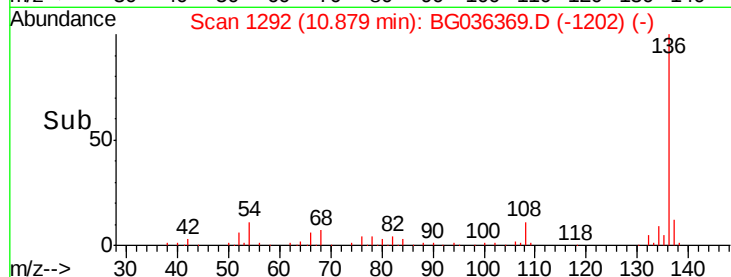
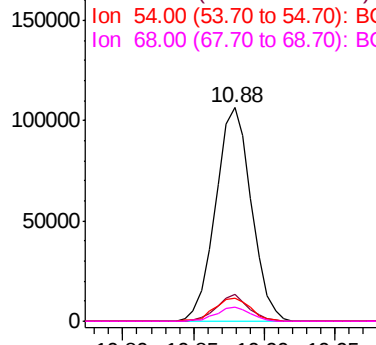
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

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

Tgt Ion:	136	Resp:	188548
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.8	13.2
54	10.6	9.2	13.8
68	6.7	5.8	8.6

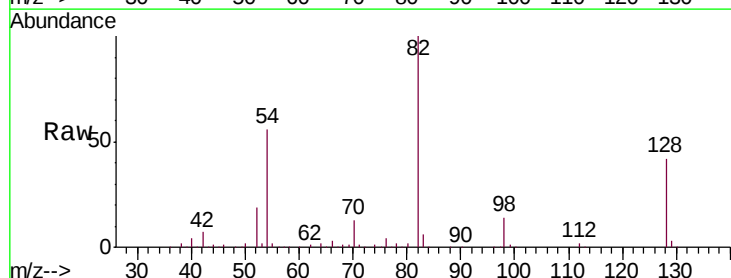


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

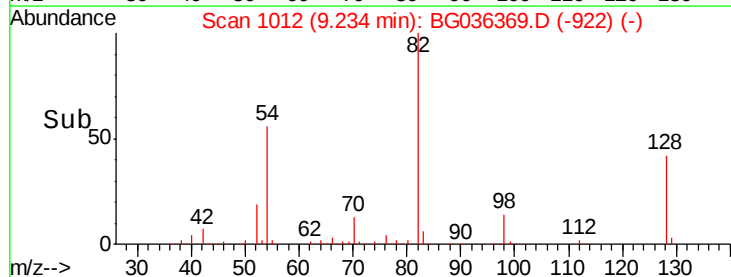
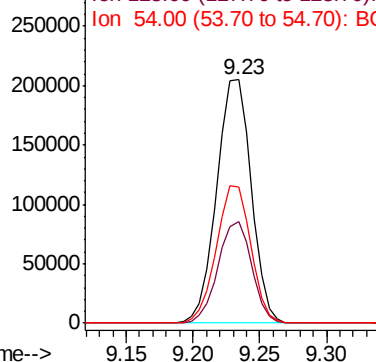


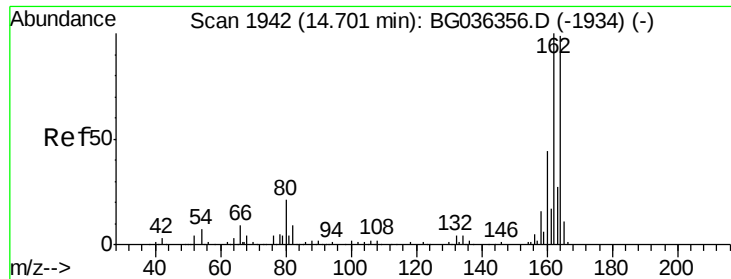
#23
Nitrobenzene-d5
Concen: 105.350 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Tgt Ion:	82	Resp:	366104
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	56.1	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

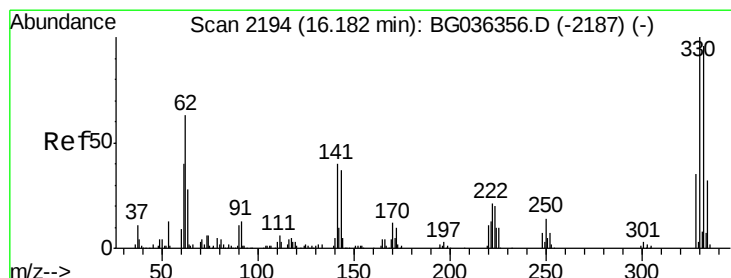
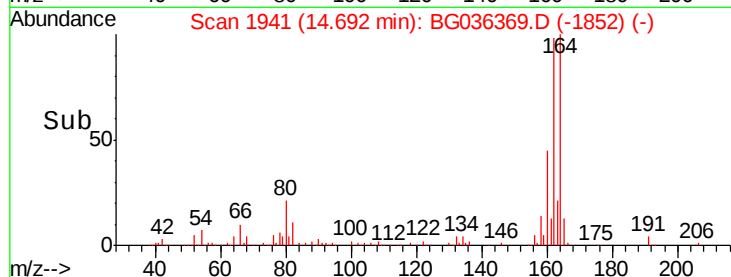
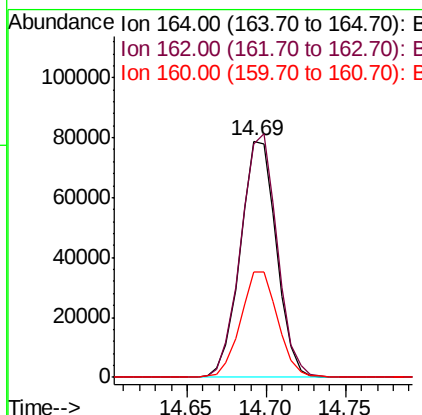
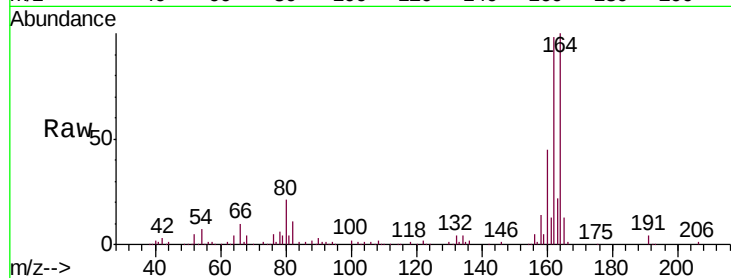




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

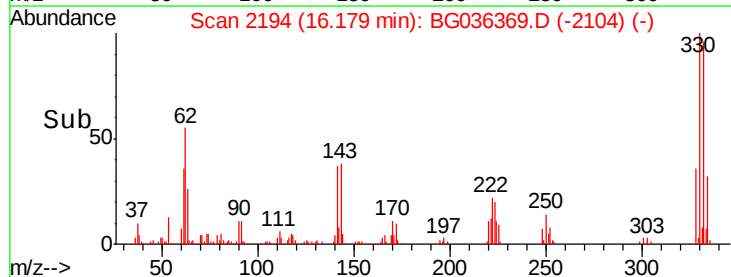
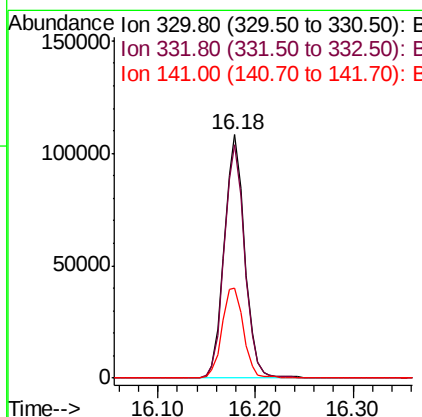
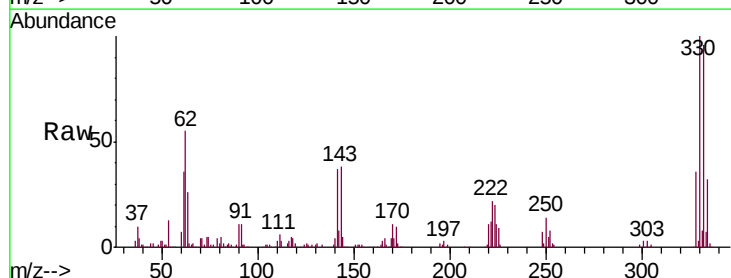
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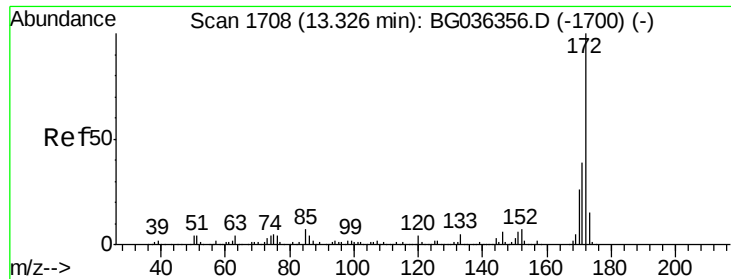
Tgt Ion:164 Resp: 124178
Ion Ratio Lower Upper
164 100
162 98.4 80.7 121.1
160 44.6 35.3 52.9



#41
2,4,6-Tribromophenol
Concen: 106.233 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Tgt Ion:330 Resp: 157407
Ion Ratio Lower Upper
330 100
332 96.3 75.4 113.2
141 38.9 30.7 46.1

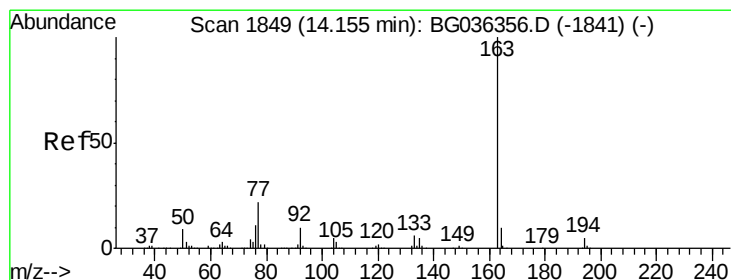
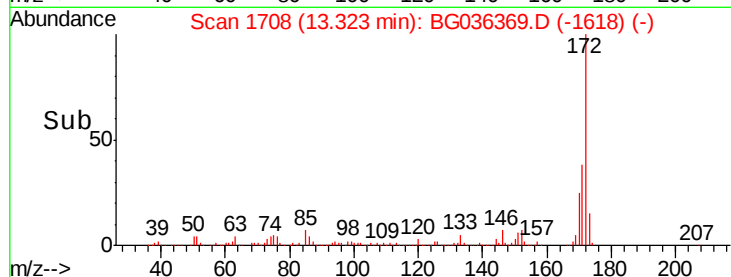
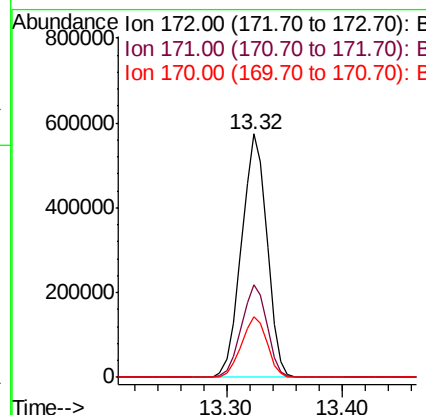
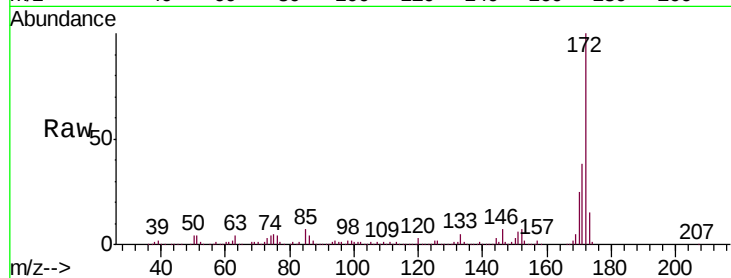




#44
2-Fluorobiphenyl
Concen: 100.712 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

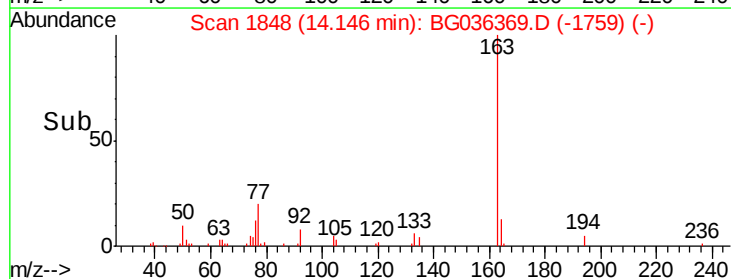
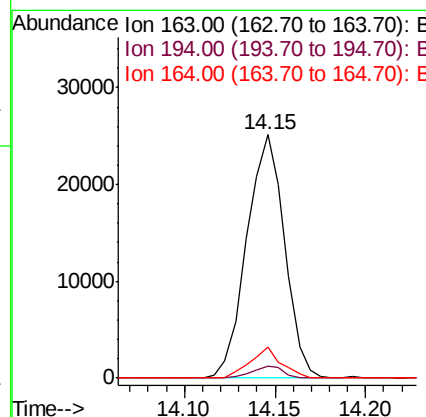
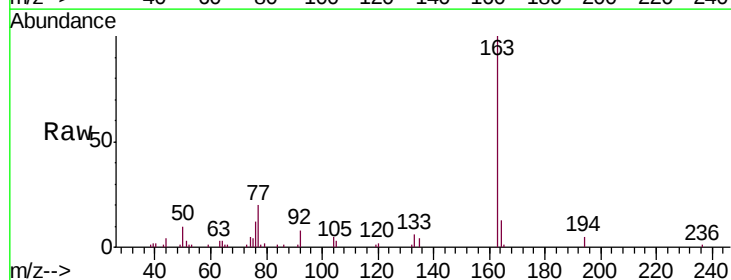
Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.7	21.0	31.6



#49
Dimethylphthalate
Concen: 3.583 ng
RT: 14.15 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.0	6.0
164	12.8	8.1	12.1#

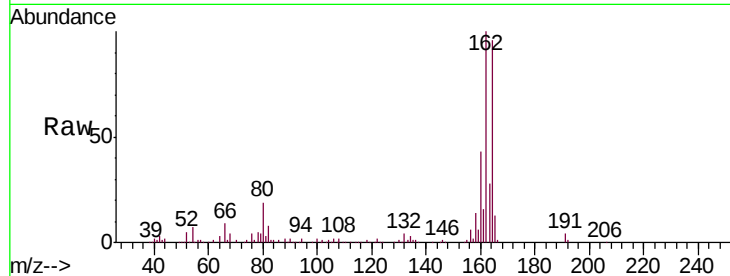




#50
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.43 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

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

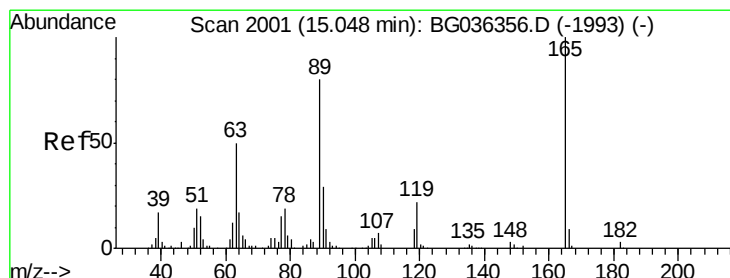
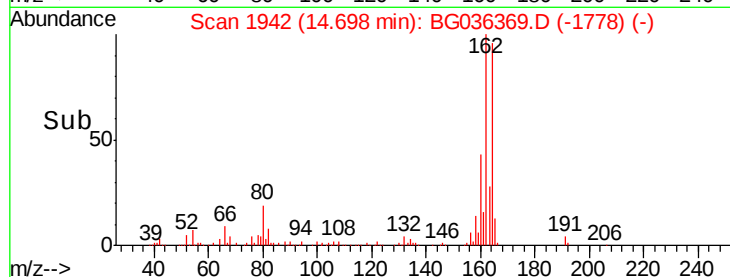
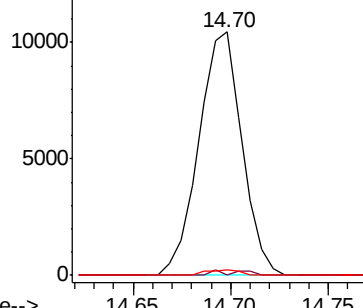
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.2	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E

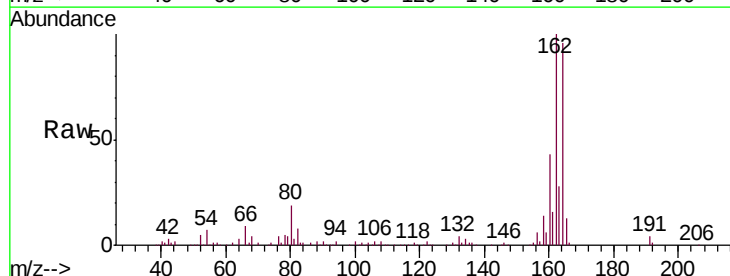
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 5.861 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.35 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

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#

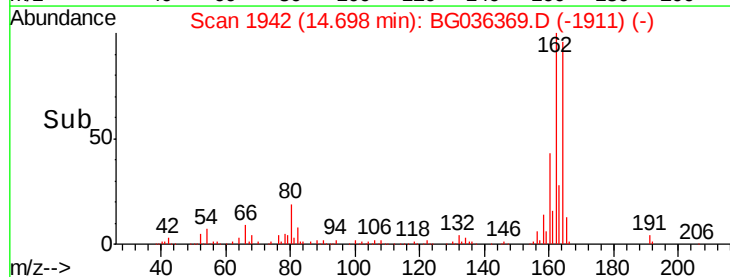
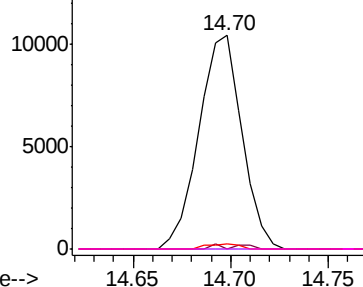


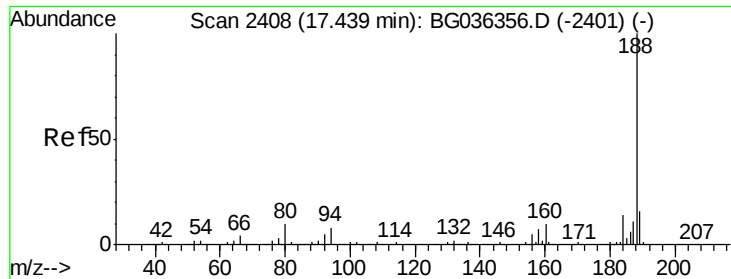
Abundance Ion 165.00 (164.70 to 165.70): E

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

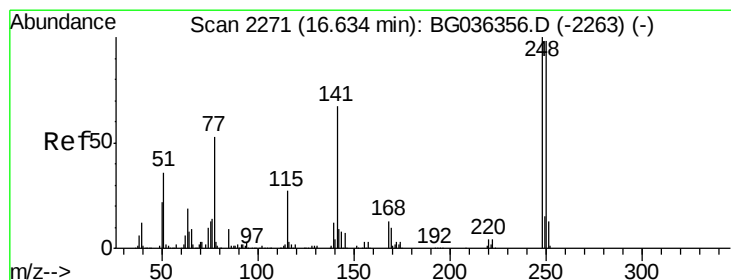
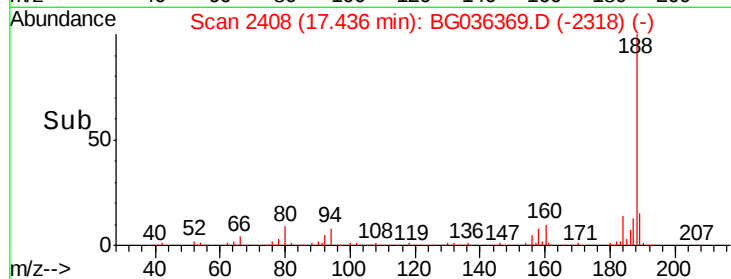
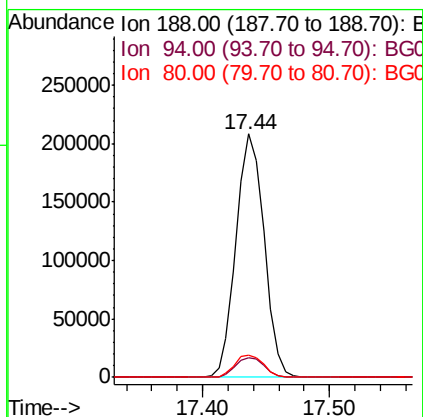
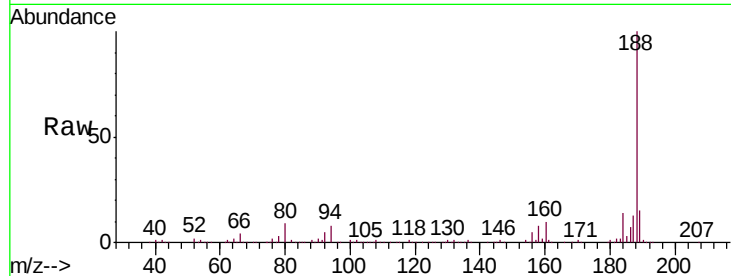




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036369.D
 Acq: 23 Aug 2018 8:18

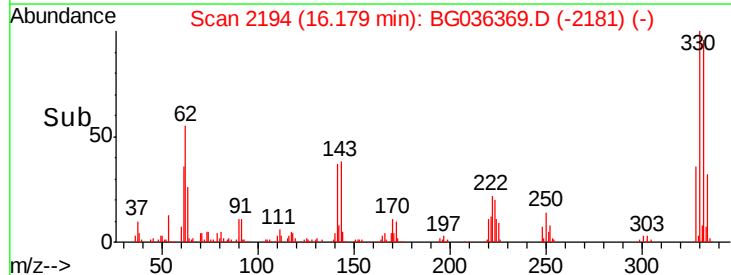
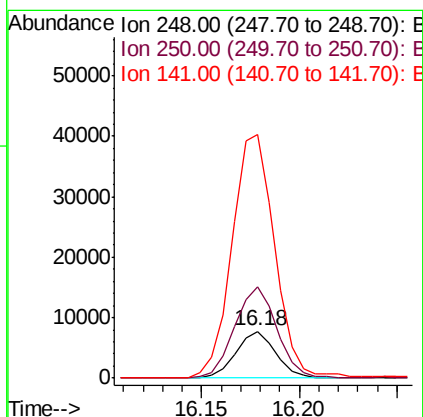
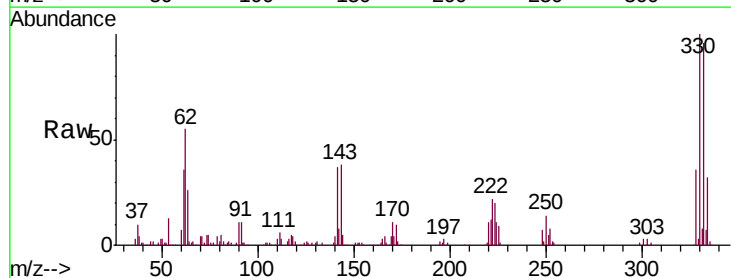
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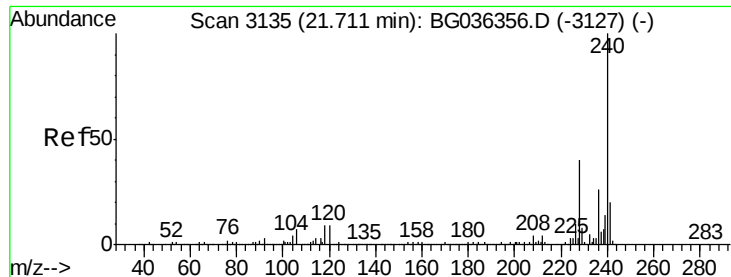
Tgt Ion:188 Resp: 319733
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 9.0 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.914 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.46 min
 Lab File: BG036369.D
 Acq: 23 Aug 2018 8:18

Tgt Ion:248 Resp: 10909
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.1 117.1#
 141 520.4 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-S

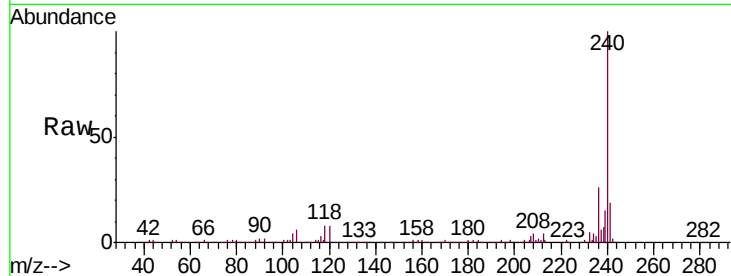
Tgt Ion:240 Resp: 369815

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

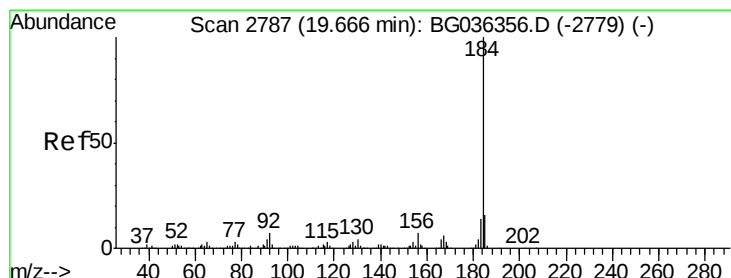
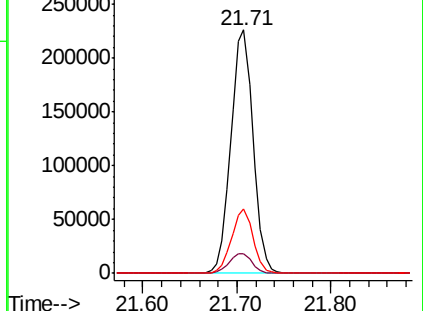
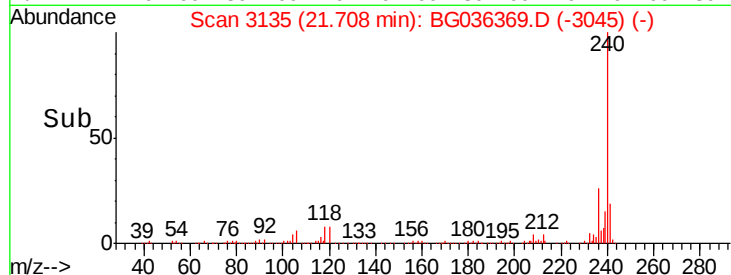
236 26.5 21.2 31.8



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: 2.315 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.38 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

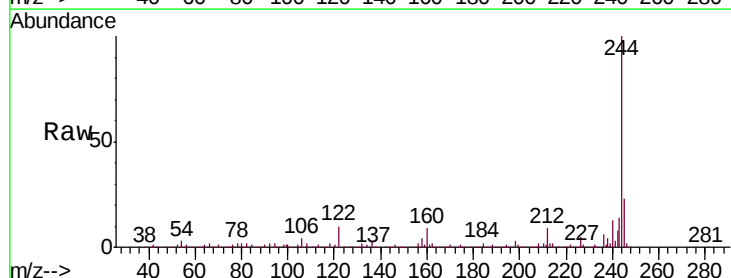
Tgt Ion:184 Resp: 27319

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

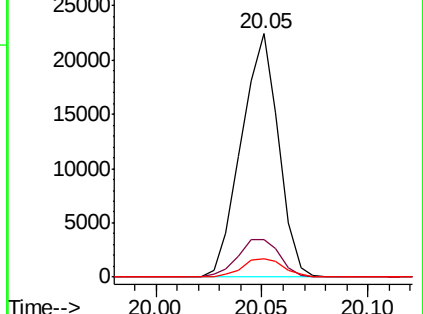
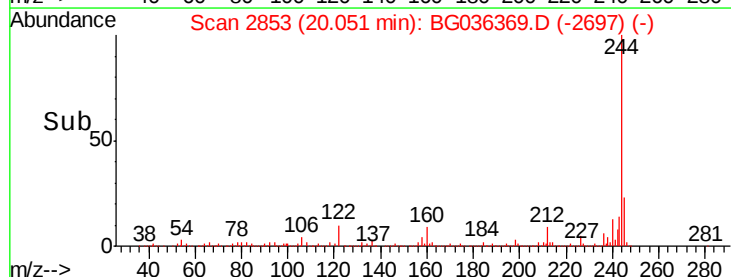
183 7.4 10.9 16.3#

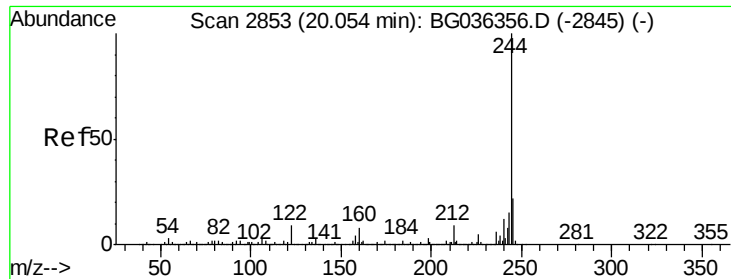


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 94.698 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-S

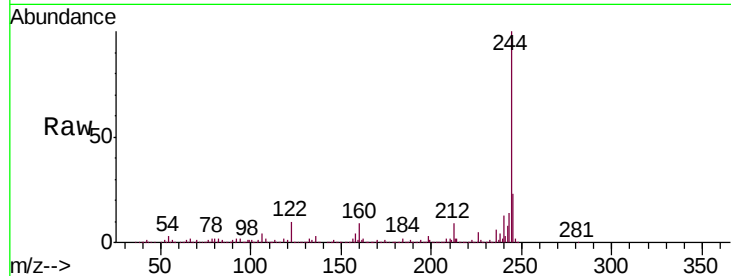
Tgt Ion:244 Resp: 1498317

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

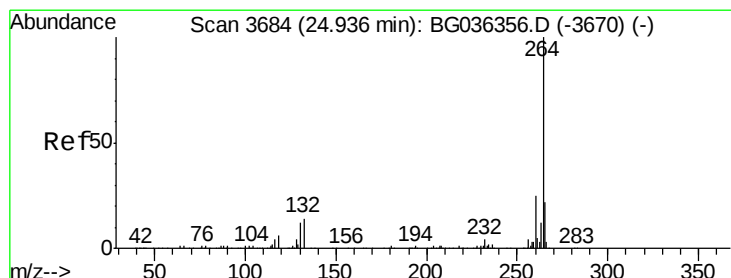
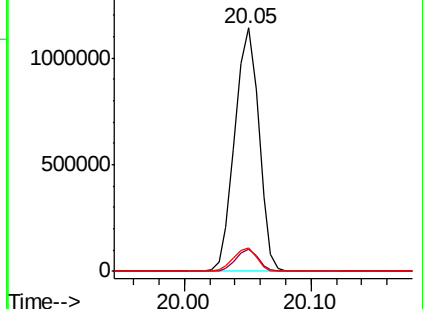
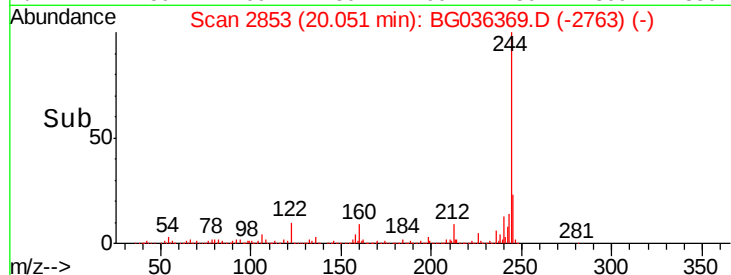
122 9.8 7.1 10.7



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: 24.93 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

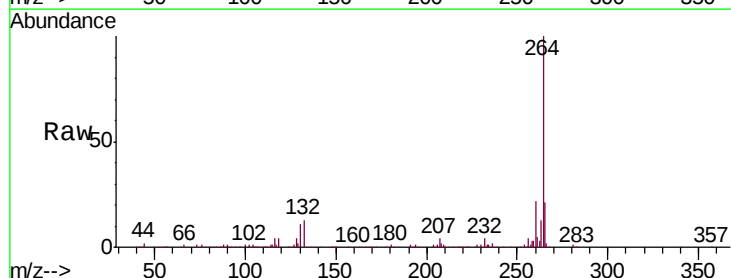
Tgt Ion:264 Resp: 372648

Ion Ratio Lower Upper

264 100

260 22.5 19.6 29.4

265 20.8 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

