

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
 Data File : BG036367.D
 Acq On : 23 Aug 2018 7:00
 Operator : JU/SJ
 Sample : J4540-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 23 12:31:33 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

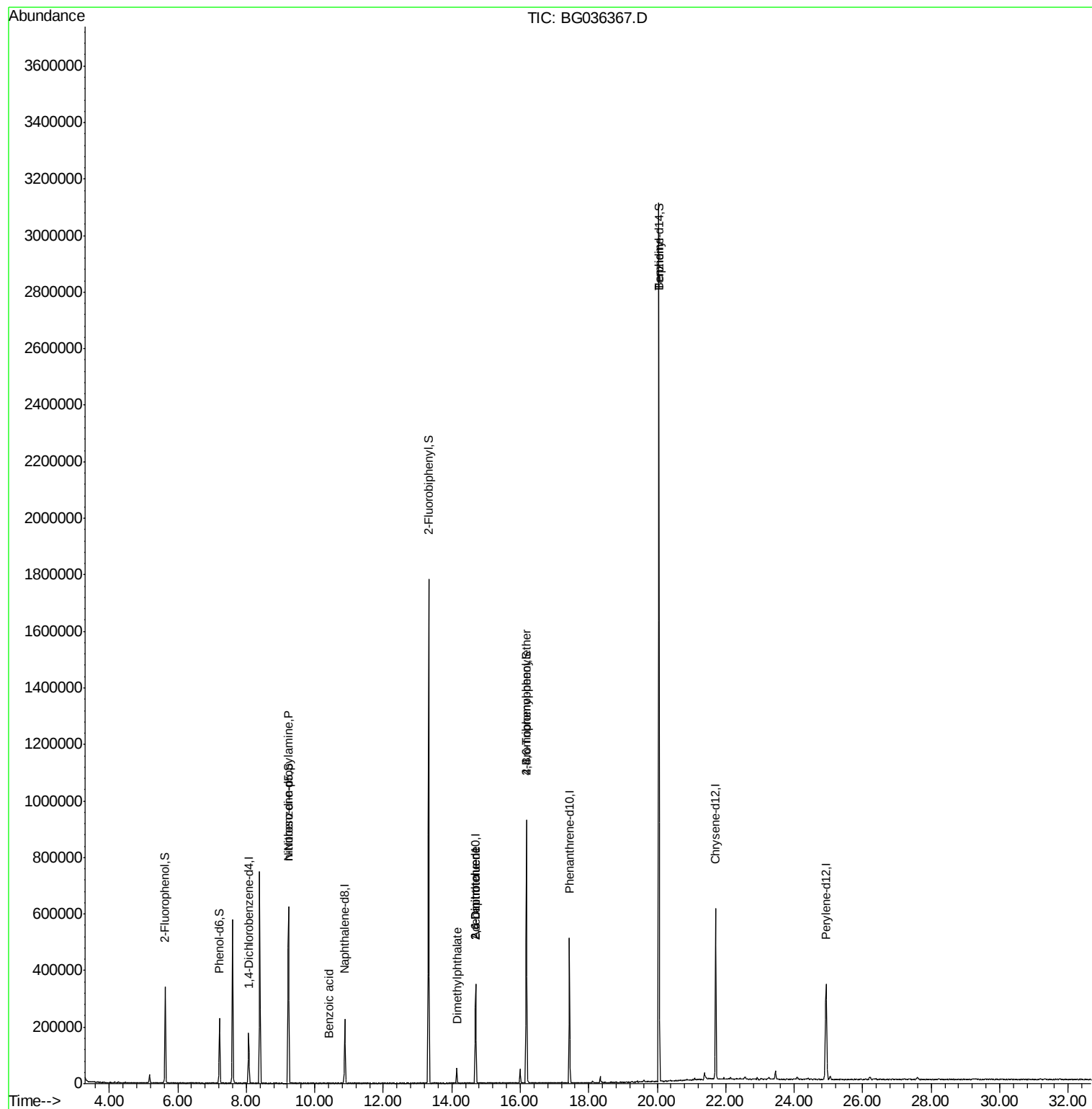
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	46372	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	189423	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	122803	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	316426	20.00	ng	0.00
75) Chrysene-d12	21.71	240	369849	20.00	ng	0.00
86) Perylene-d12	24.93	264	372550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	139116	47.59	ng	0.00
7) Phenol-d6	7.22	99	124660	29.78	ng	0.00
23) Nitrobenzene-d5	9.23	82	372472	106.69	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	156818	107.02	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	882268	102.58	ng	0.00
78) Terphenyl-d14	20.05	244	1421994	89.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	49817	15.926	ng	# 71
32) Benzoic acid	10.40	122	59	4.505	ng	# 1
49) Dimethylphthalate	14.15	163	31992	3.190	ng	# 96
50) 2,6-Dinitrotoluene	14.70	165	15719	7.618	ng	# 20
56) 2,4-Dinitrotoluene	14.70	165	15719	5.845	ng	# 18
66) 4-Bromophenyl-phenylether	16.18	248	11536	3.114	ng	# 1
76) Benzidine	20.05	184	24517	2.078	ng	# 94

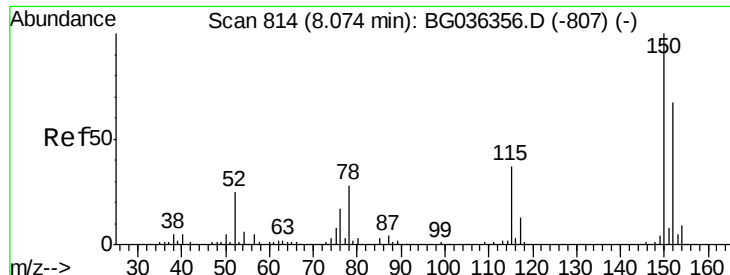
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
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Misc :
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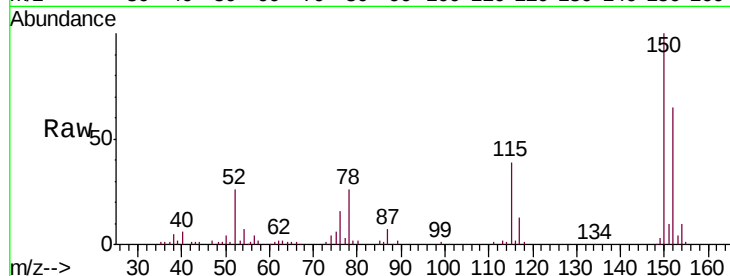


#1

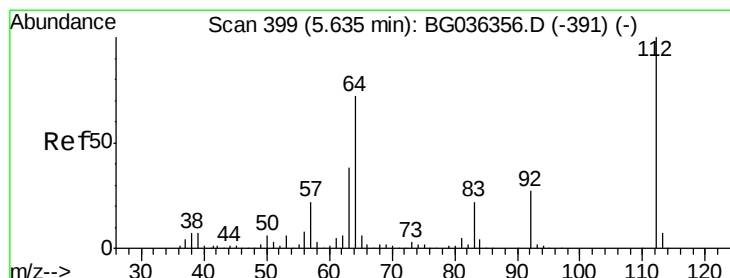
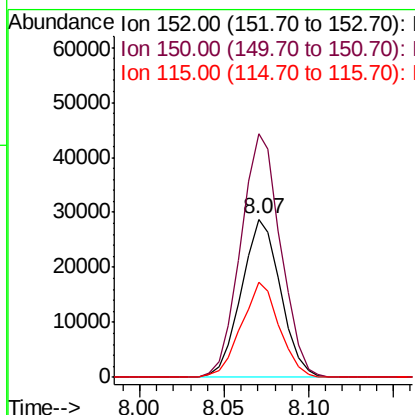
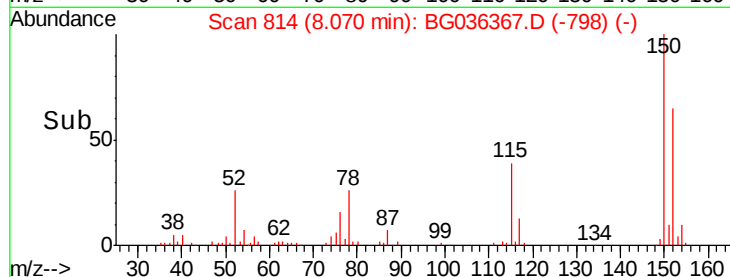
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036367.D
Acq: 23 Aug 2018 7:00

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

Tgt Ion:152 Resp: 46372
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 59.8 44.5 66.7



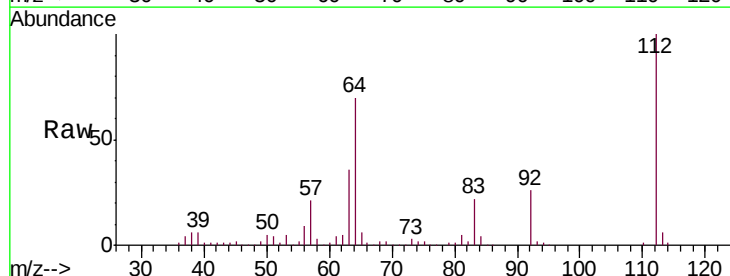
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



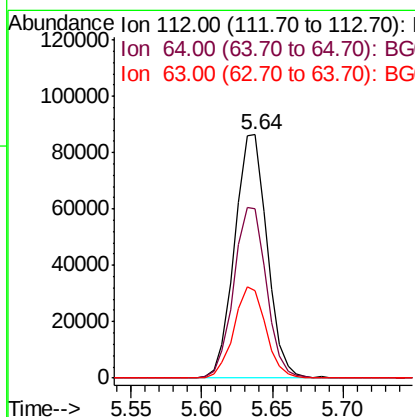
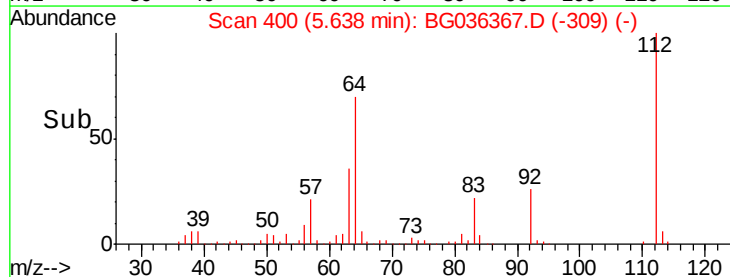
#5

2-Fluorophenol
Concen: 47.589 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG036367.D
Acq: 23 Aug 2018 7:00

Tgt Ion:112 Resp: 139116
Ion Ratio Lower Upper
112 100
64 69.7 57.2 85.8
63 35.8 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: 29.784 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

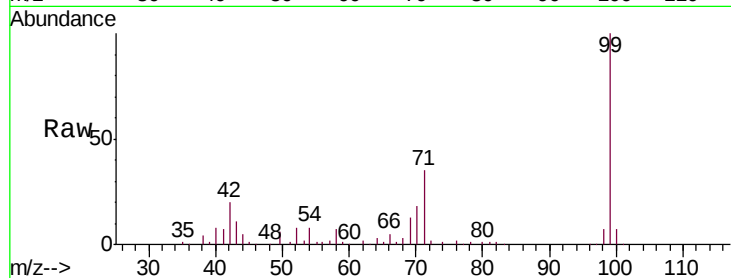
Tgt Ion: 99 Resp: 124660

Ion Ratio Lower Upper

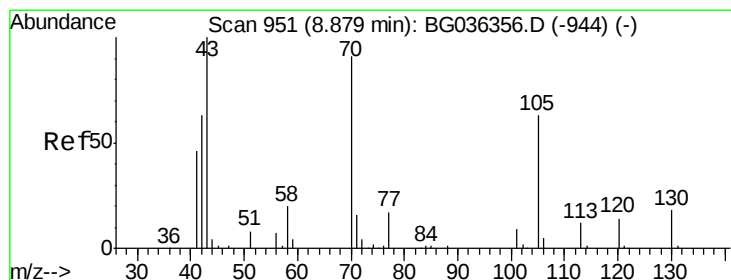
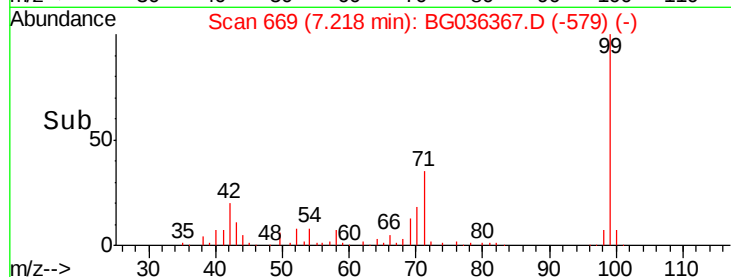
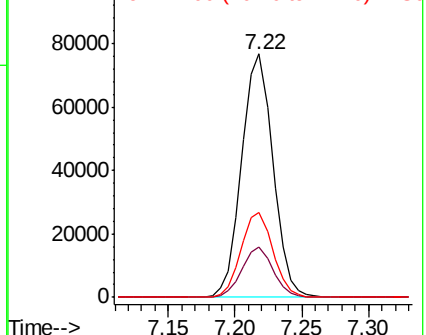
99 100

42 20.5 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: 15.926 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Tgt Ion: 70 Resp: 49817

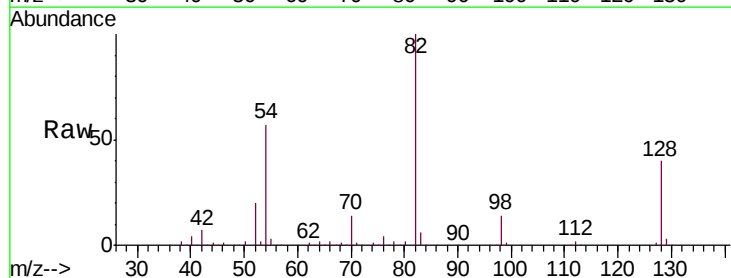
Ion Ratio Lower Upper

70 100

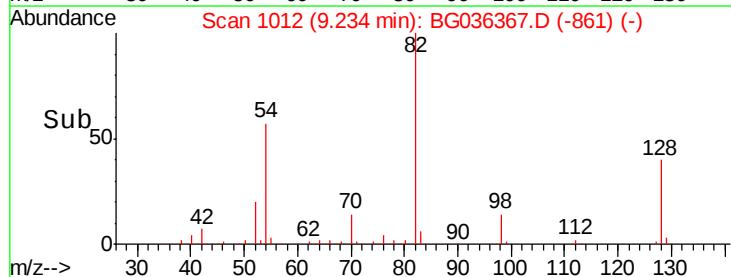
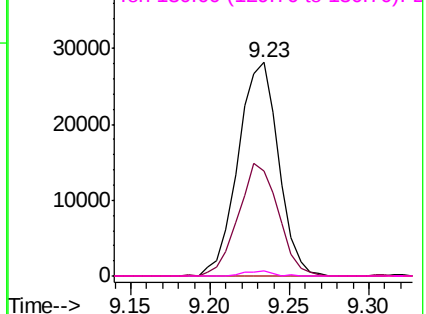
42 49.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 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

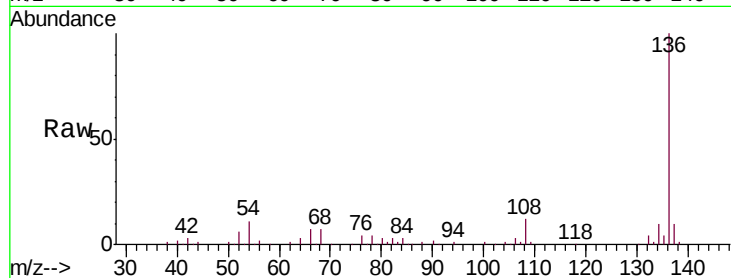




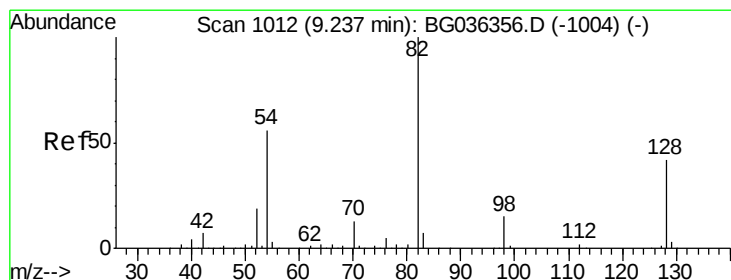
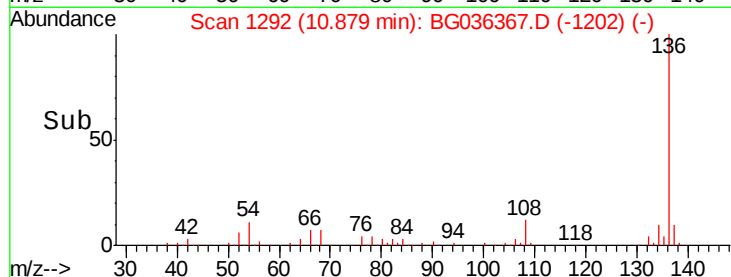
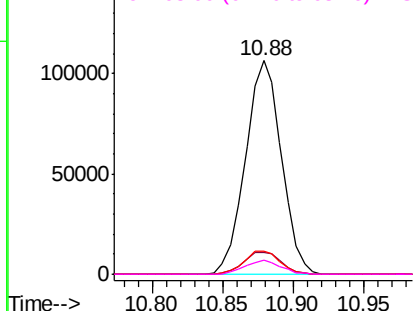
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036367.D
Acq: 23 Aug 2018 7:00

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

Tgt Ion:	136	Resp:	189423
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	10.7	9.2	13.8
68	6.8	5.8	8.6

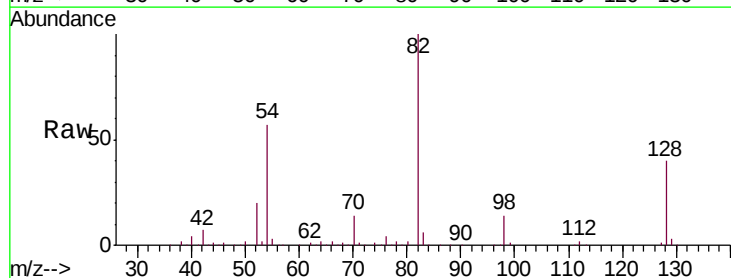


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

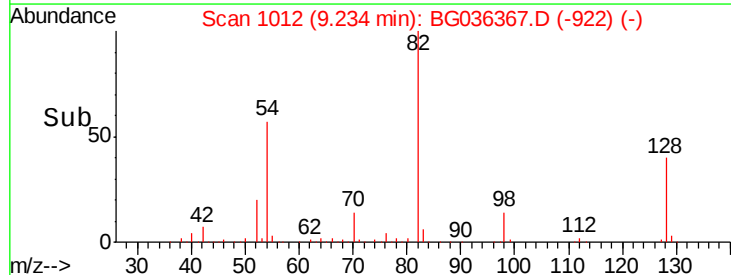
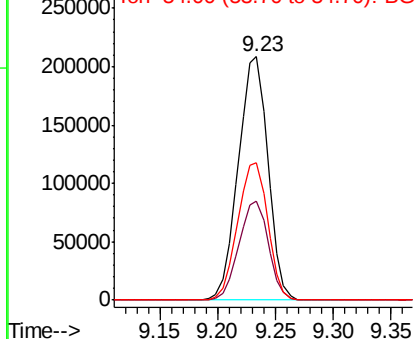


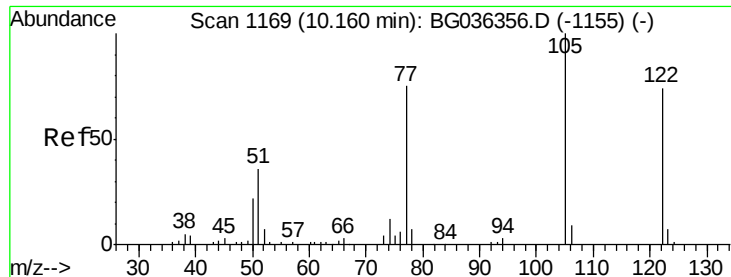
#23
Nitrobenzene-d5
Concen: 106.688 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG036367.D
Acq: 23 Aug 2018 7:00

Tgt Ion:	82	Resp:	372472
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	56.6	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: 4.505 ng

RT: 10.40 min Scan# 1211

Delta R.T. 0.24 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

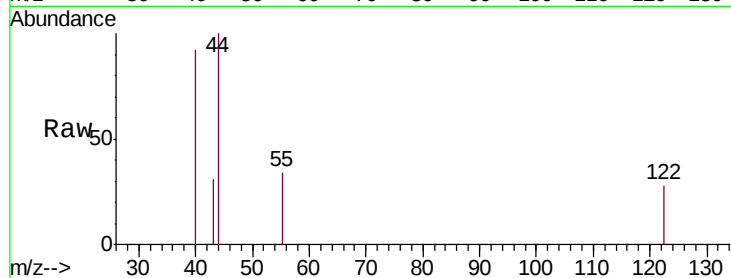
Tgt Ion:122 Resp: 59

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

10.40

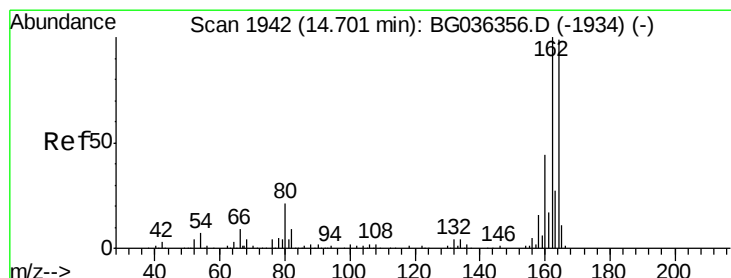
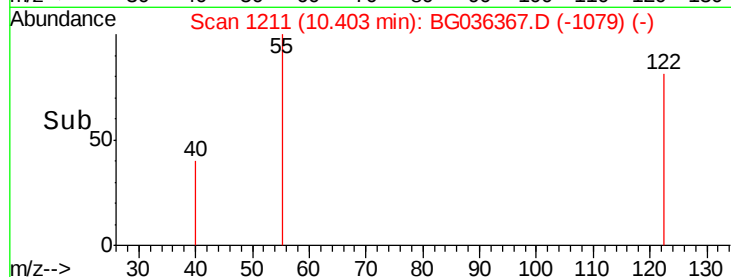
150

100

50

0

10.38 10.40 10.42



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

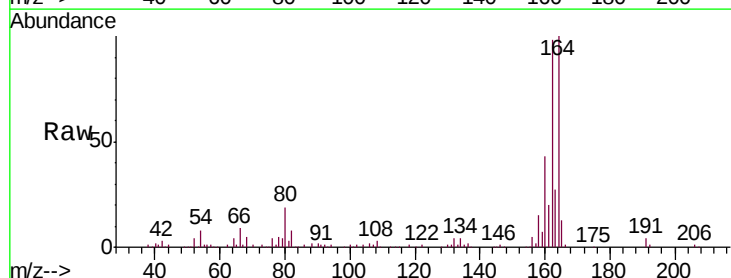
Tgt Ion:164 Resp: 122803

Ion Ratio Lower Upper

164 100

162 97.9 80.7 121.1

160 43.1 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

14.70

100000

80000

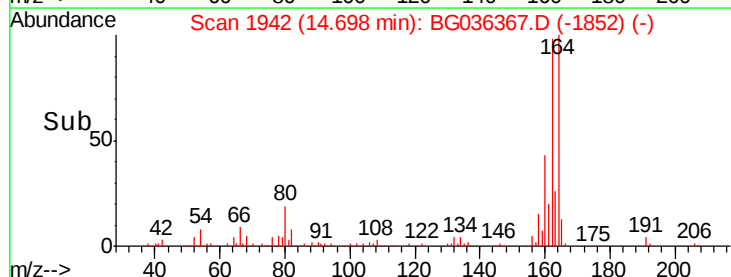
60000

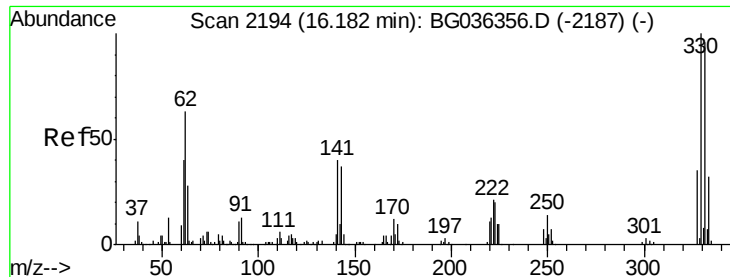
40000

20000

0

14.65 14.70 14.75

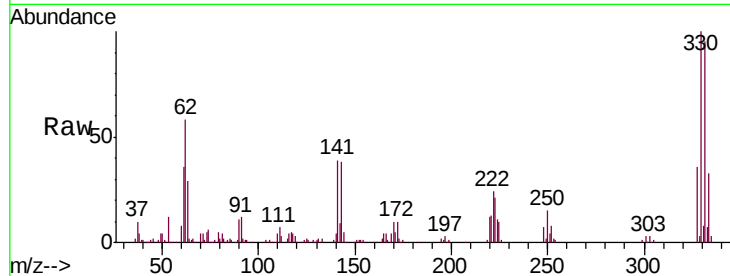




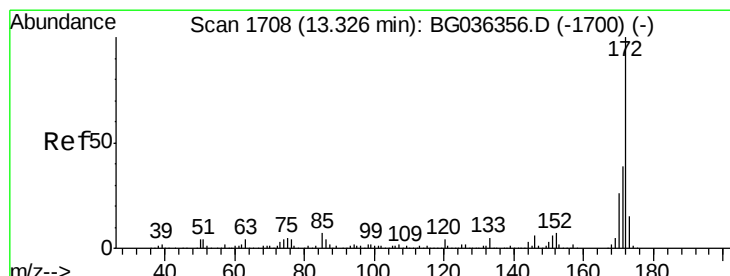
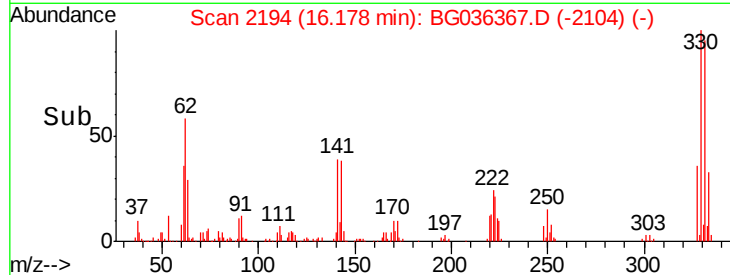
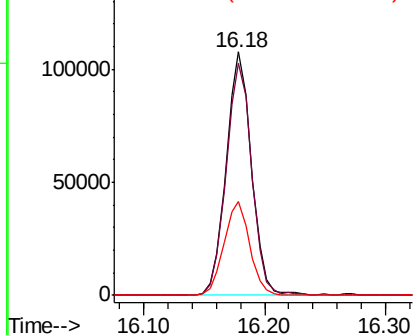
#41
 2,4,6-Tribromophenol
 Concen: 107.020 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	39.0	30.7	46.1

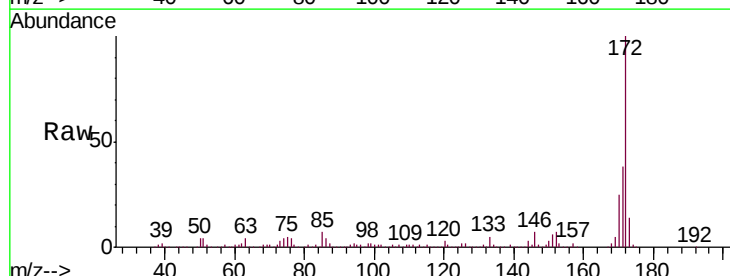


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

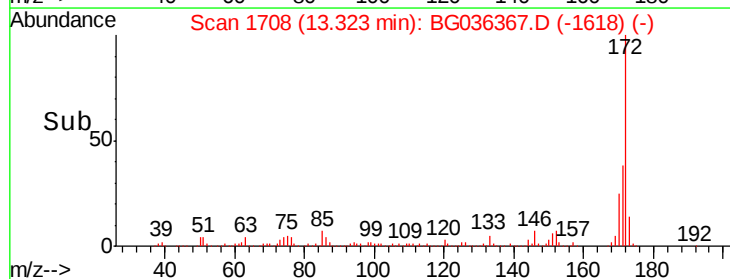
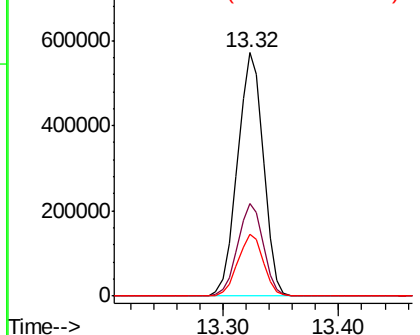


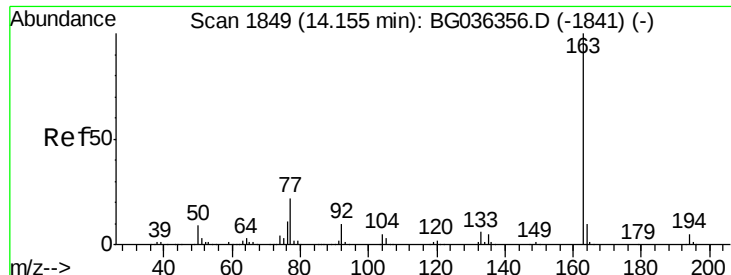
#44
 2-Fluorobiphenyl
 Concen: 102.580 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.3	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





#49

Dimethylphthalate

Concen: 3.190 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

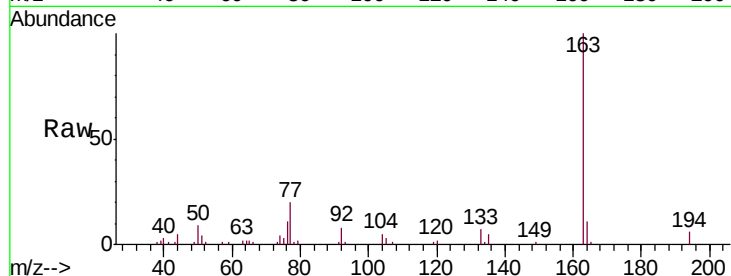
Tgt Ion:163 Resp: 31992

Ion Ratio Lower Upper

163 100

194 6.2 4.0 6.0#

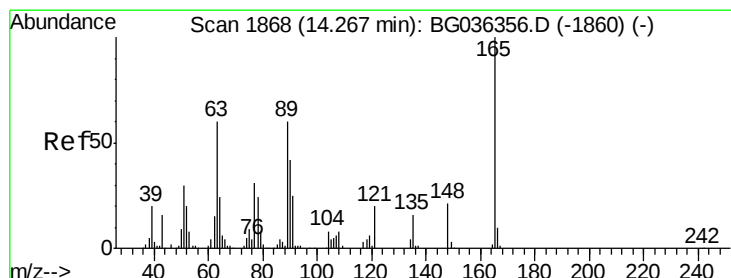
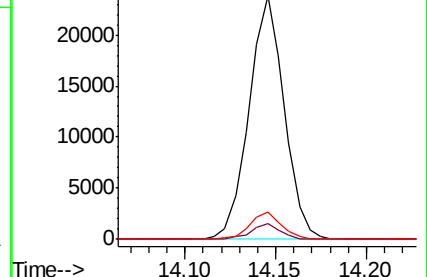
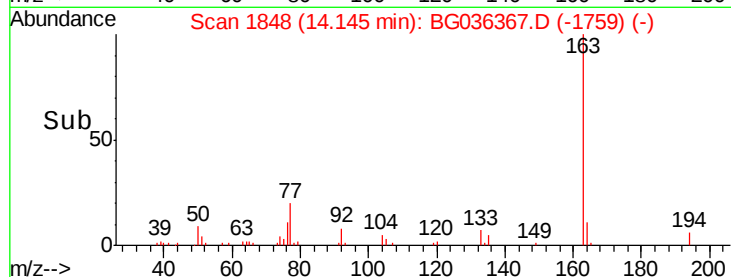
164 11.4 8.1 12.1



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: 7.618 ng

RT: 14.70 min Scan# 1942

Delta R.T. 0.43 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

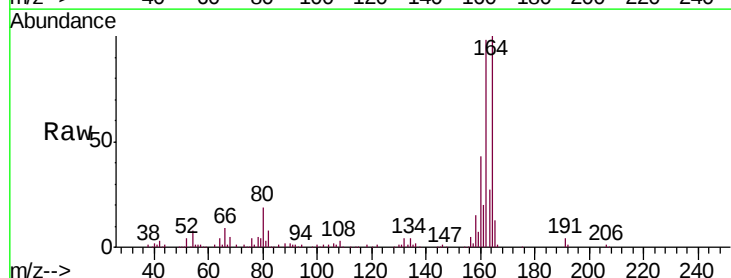
Tgt Ion:165 Resp: 15719

Ion Ratio Lower Upper

165 100

63 0.0 50.1 75.1#

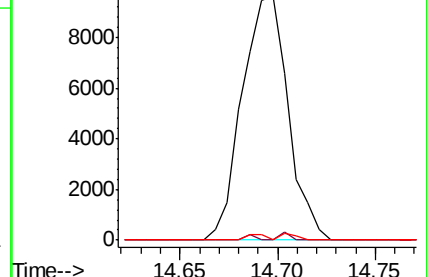
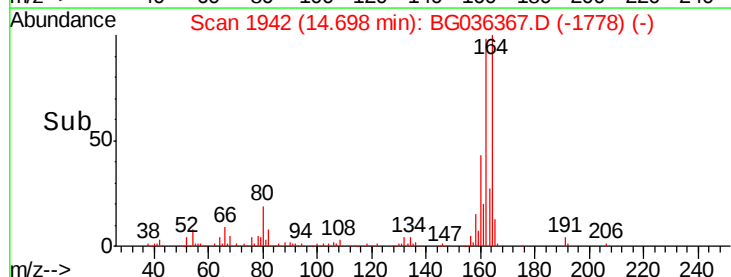
89 0.0 47.8 71.6#

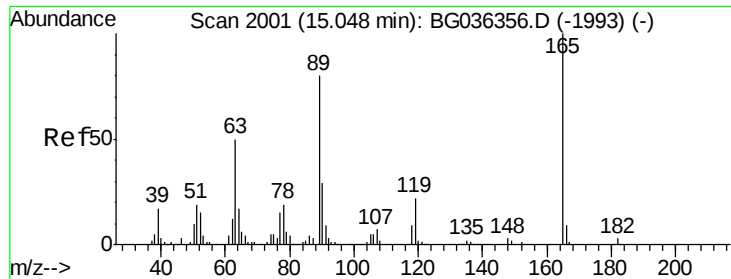


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

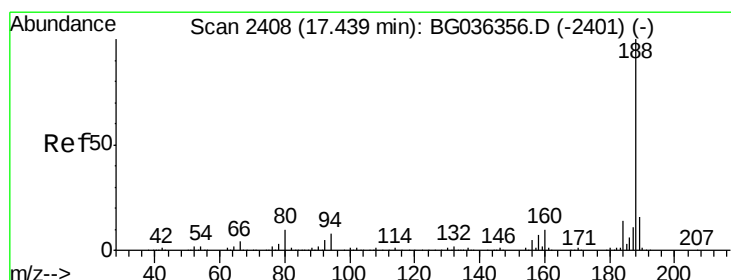
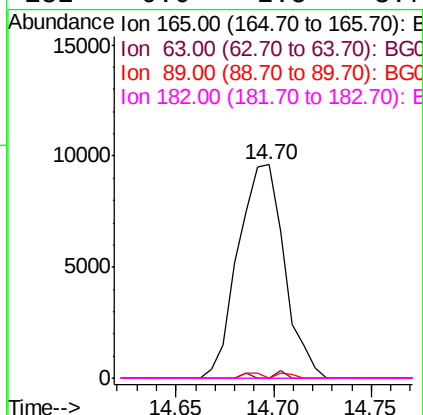
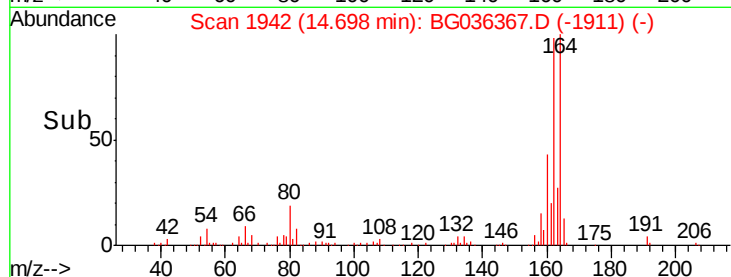
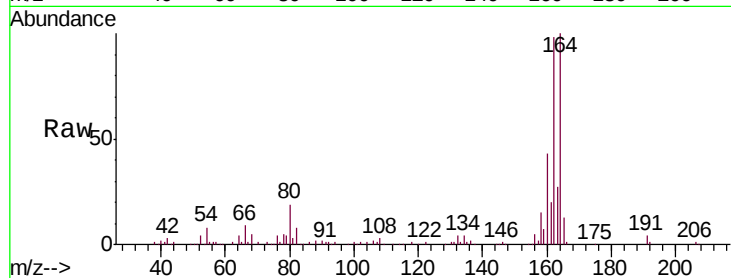




#56
 2,4-Dinitrotoluene
 Concen: 5.845 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.35 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

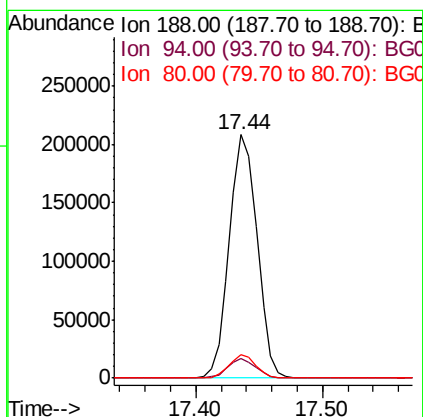
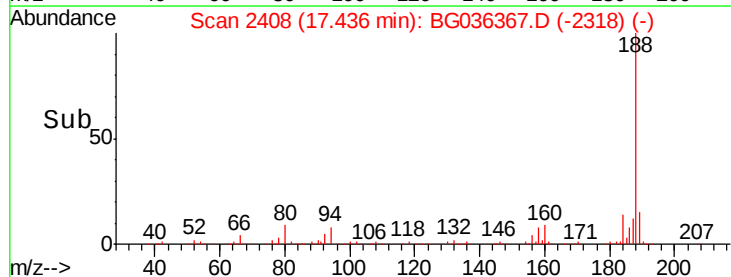
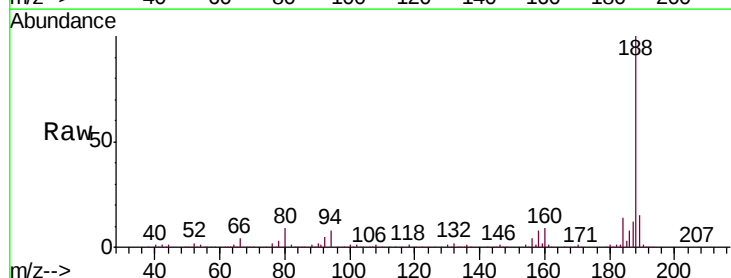
Instrument :
 BNA_G
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 081618-SIDI-E-D-S

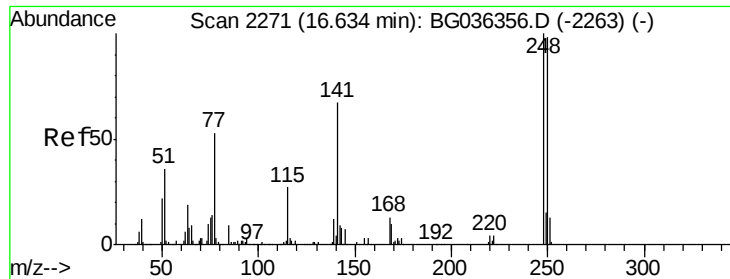
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.4	8.1	12.1

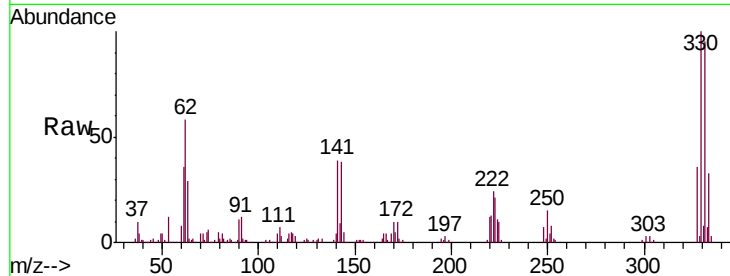




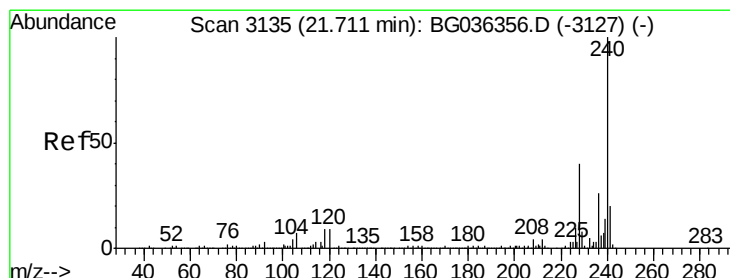
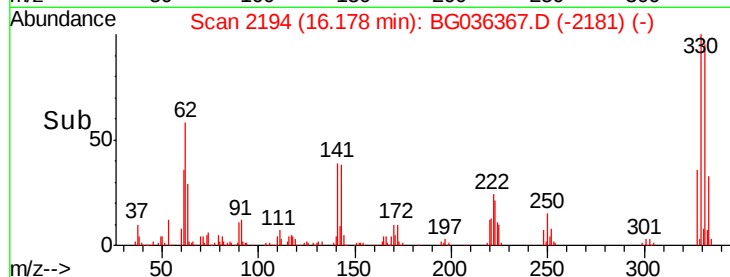
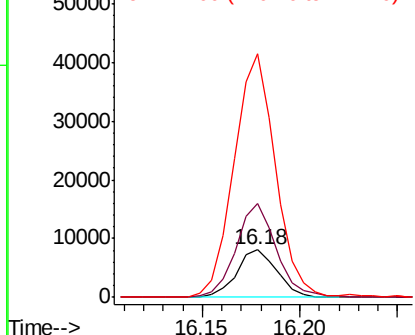
#66
 4-Bromophenyl-phenylether
 Concen: 3.114 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.46 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

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

Tgt Ion: 248 Resp: 11536
 Ion Ratio Lower Upper
 248 100
 250 198.1 78.1 117.1#
 141 515.0 53.7 80.5#

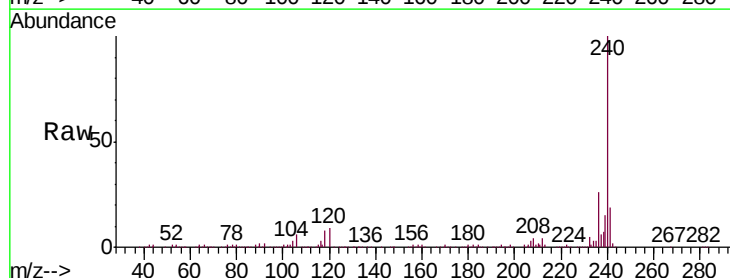


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

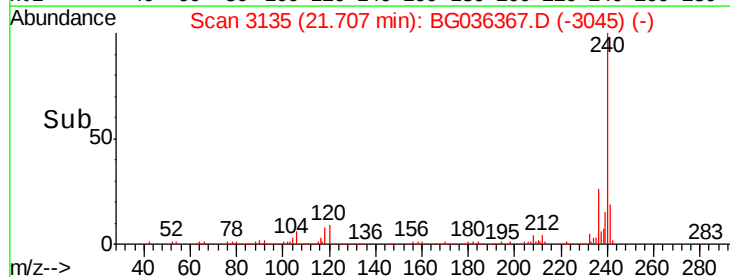
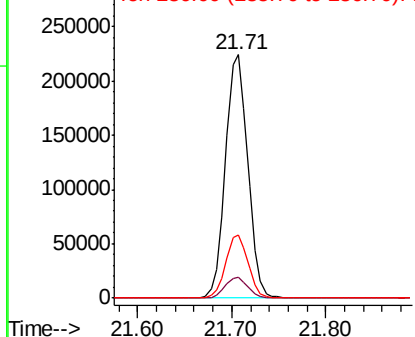


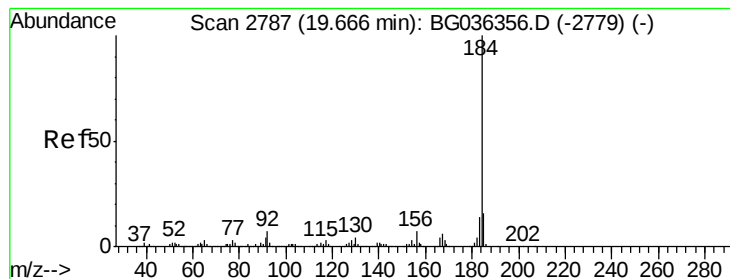
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036367.D
 Acq: 23 Aug 2018 7:00

Tgt Ion: 240 Resp: 369849
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 25.8 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: 2.078 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.38 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-S

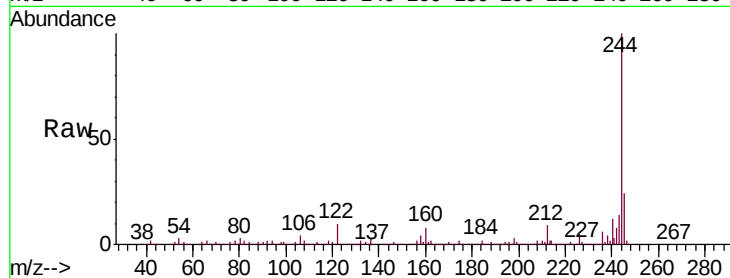
Tgt Ion:184 Resp: 24517

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

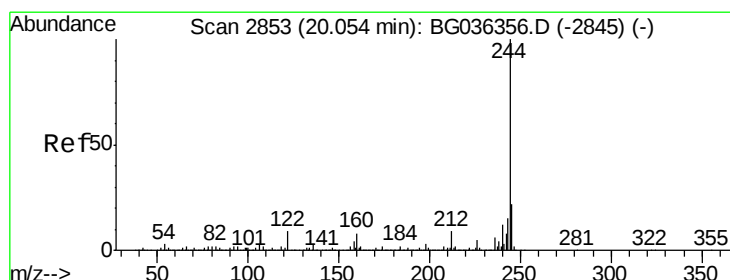
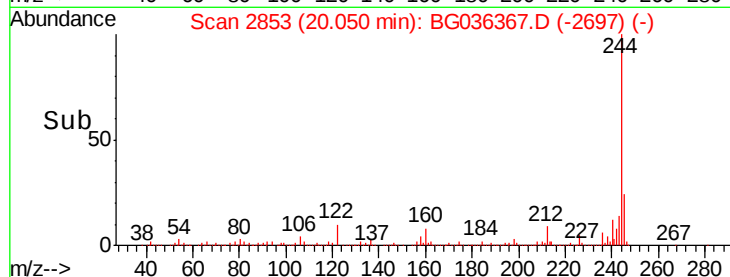
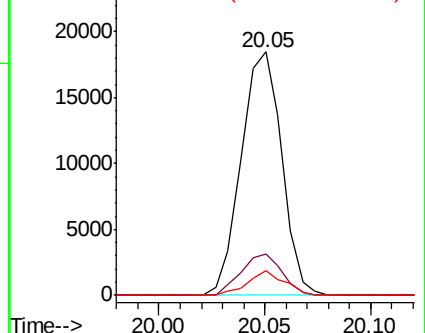
183 10.1 10.9 16.3#



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: 89.866 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036367.D

Acq: 23 Aug 2018 7:00

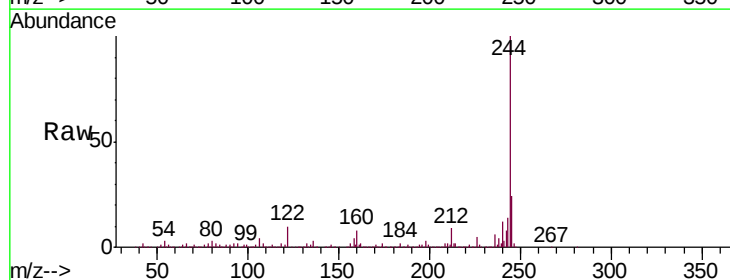
Tgt Ion:244 Resp: 1421994

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

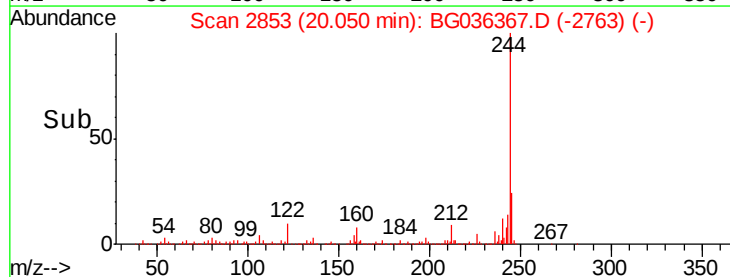
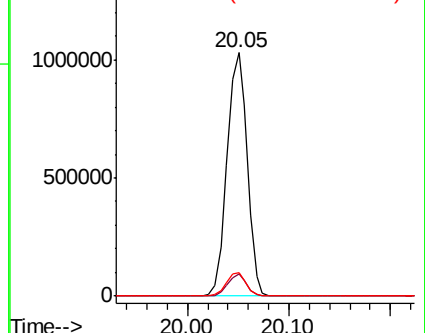
122 9.5 7.1 10.7

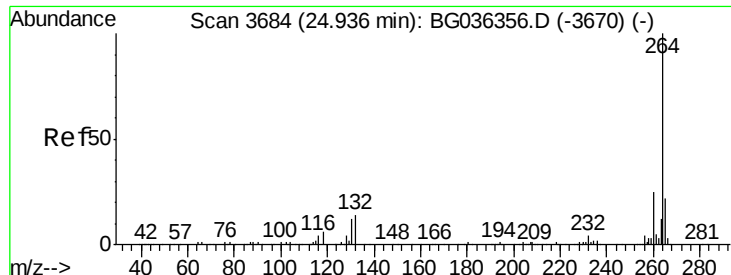


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036367.D
Acq: 23 Aug 2018 7:00

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

Tgt Ion:	264	Resp:	372550
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.3	17.4	26.0

