

Data File : BG036691.D
Acq On : 13 Sep 2018 20:36
Operator : JU/SJ
Sample : J4875-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-M

Quant Time: Sep 14 01:24:18 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

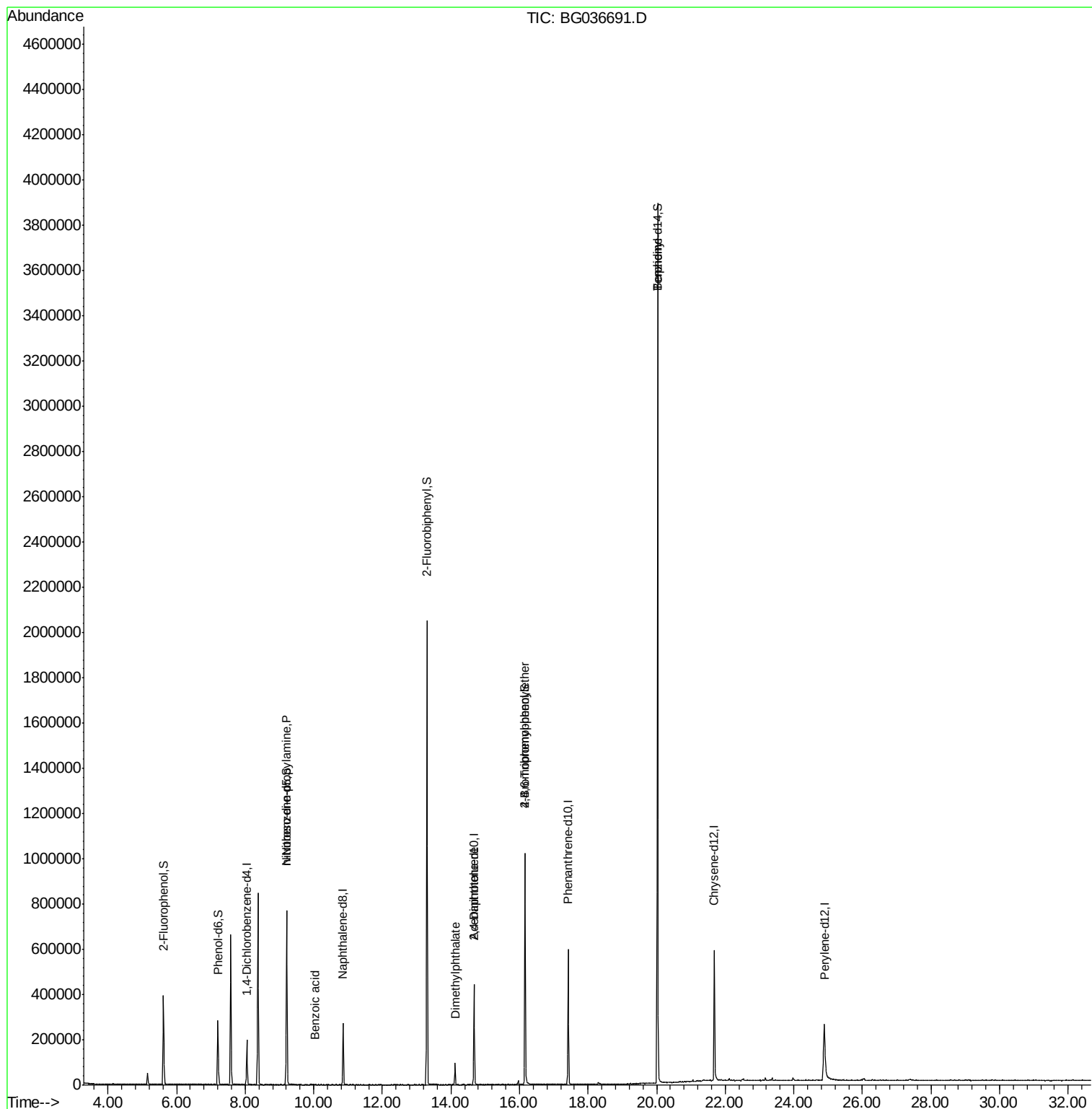
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54923	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	230908	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	151712	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	377680	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	384472	20.00	ng	-0.02
86) Perylene-d12	24.89	264	342351	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	167344	48.33	ng	0.00
7) Phenol-d6	7.20	99	167013	33.69	ng	-0.02
23) Nitrobenzene-d5	9.21	82	471486	110.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	193832	107.07	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1033575	97.27	ng	-0.01
78) Terphenyl-d14	20.03	244	1781987	108.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	61898	16.707	ng	# 72
32) Benzoic acid	10.04	122	60	4.501	ng	# 1
49) Dimethylphthalate	14.12	163	67849	5.477	ng	# 98
56) 2,4-Dinitrotoluene	14.67	165	19375	5.832	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	13850	3.132	ng	# 1
76) Benzidine	20.03	184	32264	2.630	ng	# 93

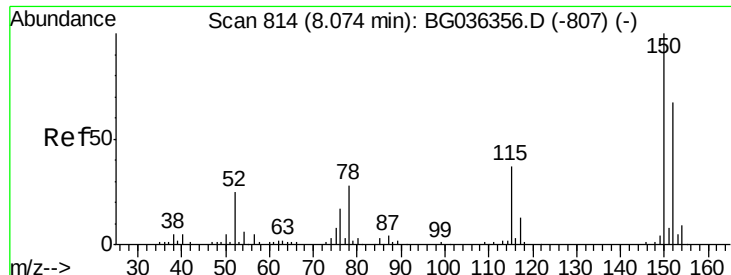
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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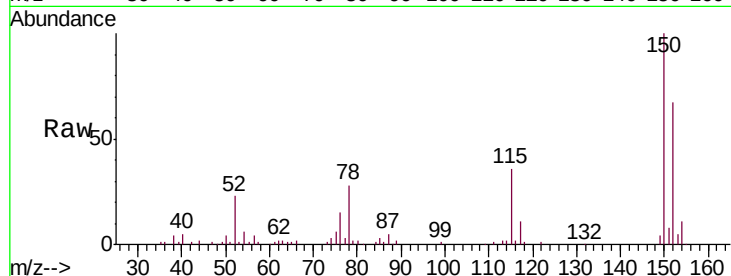


#1

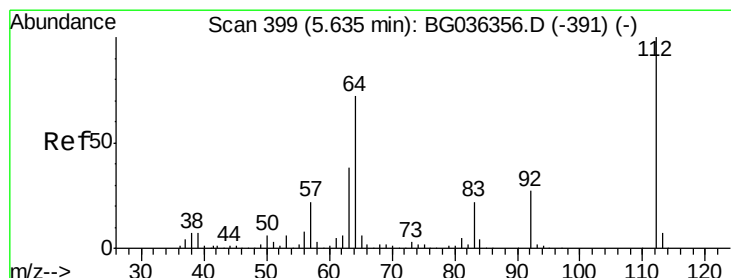
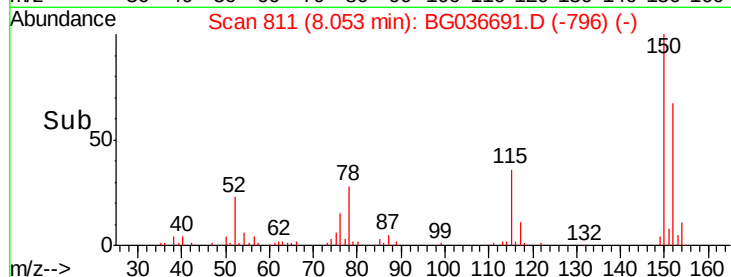
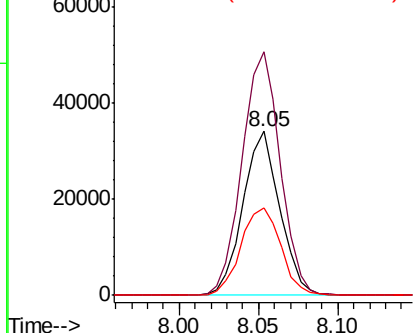
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036691.D
Acq: 13 Sep 2018 20:36

Instrument :
BNA_G
ClientSampleId :
091118-SIDI-F-U-M

Tgt Ion:152 Resp: 54923
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 53.3 44.5 66.7



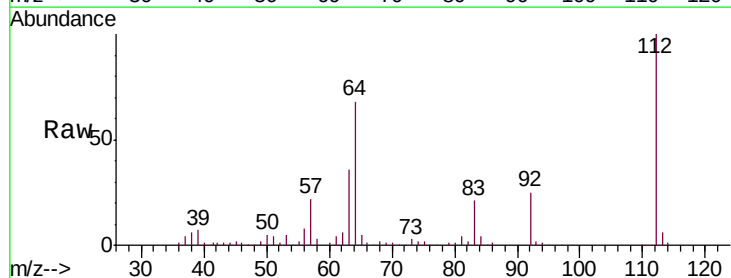
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



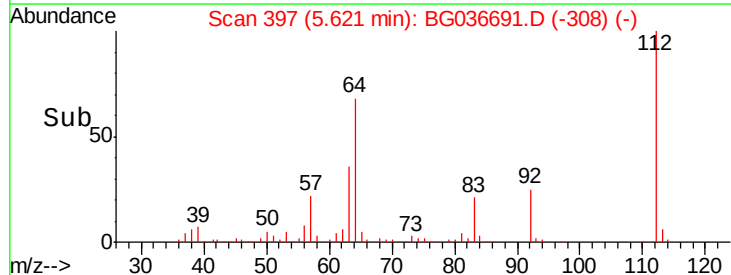
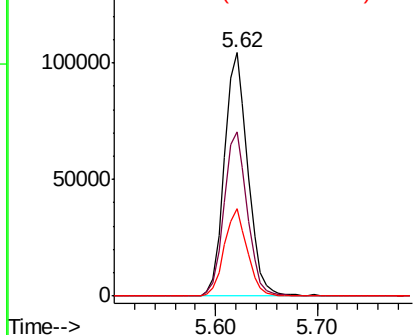
#5

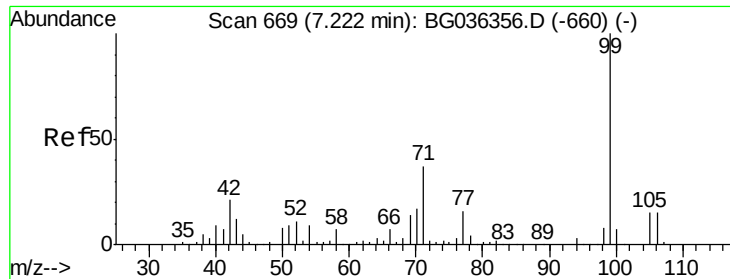
2-Fluorophenol
Concen: 48.333 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036691.D
Acq: 13 Sep 2018 20:36

Tgt Ion:112 Resp: 167344
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 35.9 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: 33.691 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-M

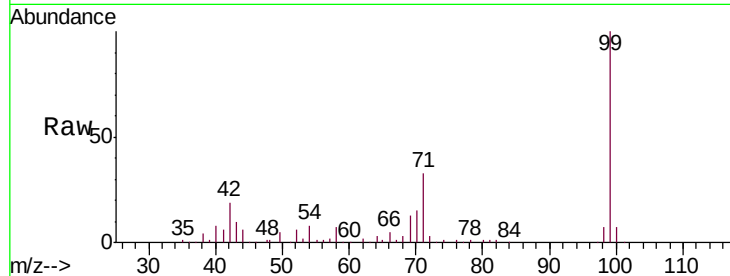
Tgt Ion: 99 Resp: 167013

Ion Ratio Lower Upper

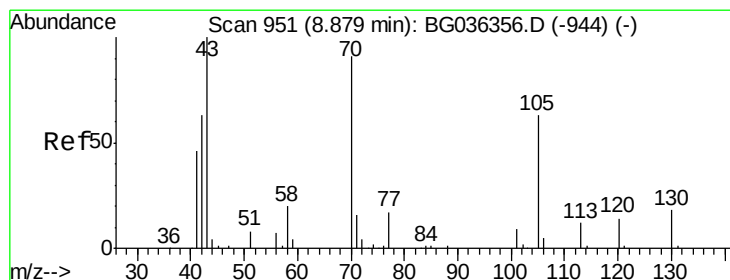
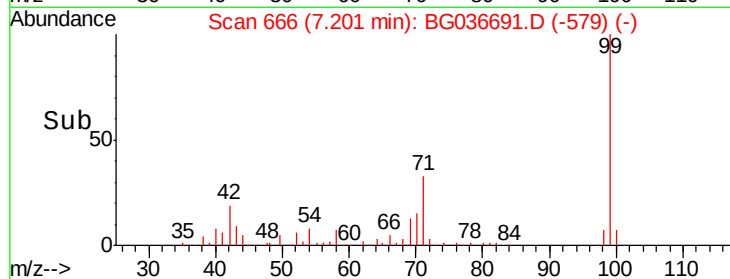
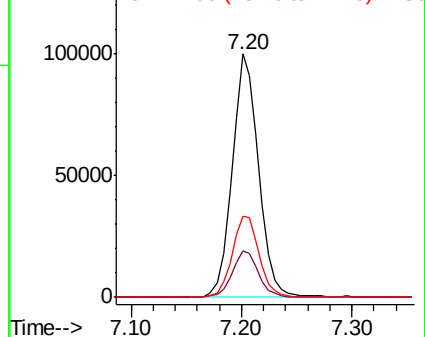
99 100

42 19.0 16.5 24.7

71 33.2 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: 16.707 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

Tgt Ion: 70 Resp: 61898

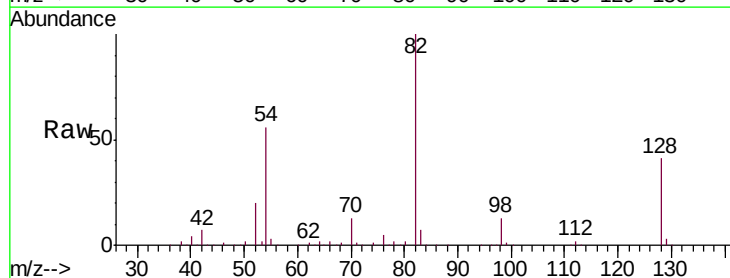
Ion Ratio Lower Upper

70 100

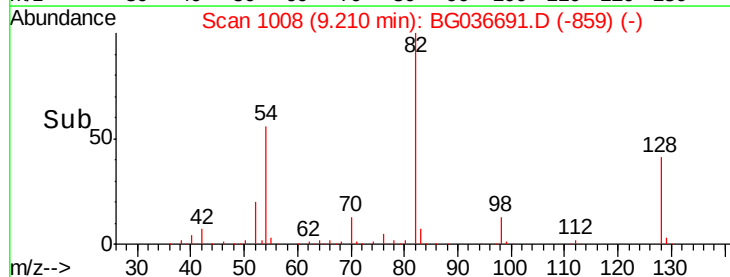
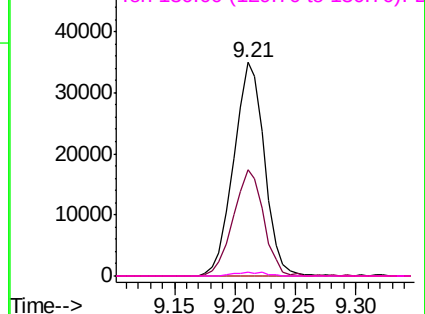
42 49.7 56.2 84.4#

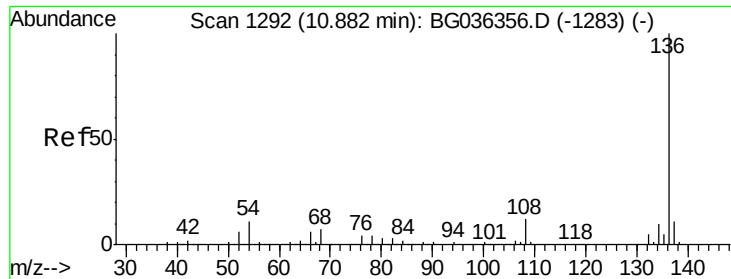
101 0.0 7.8 11.6#

130 2.0 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

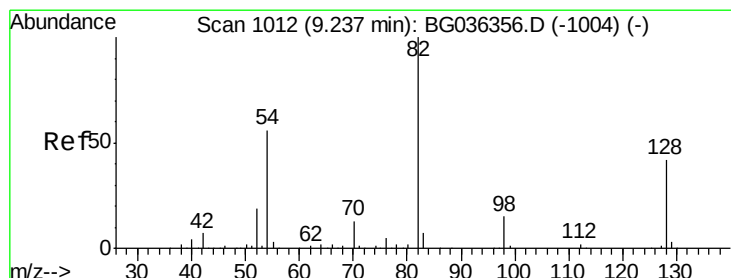
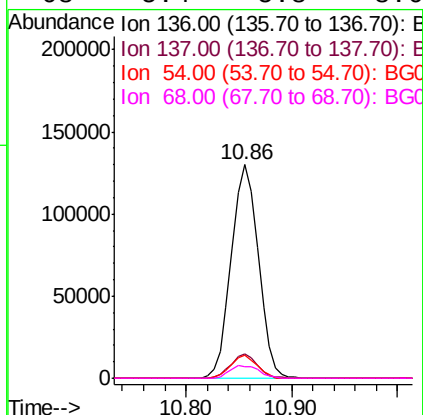
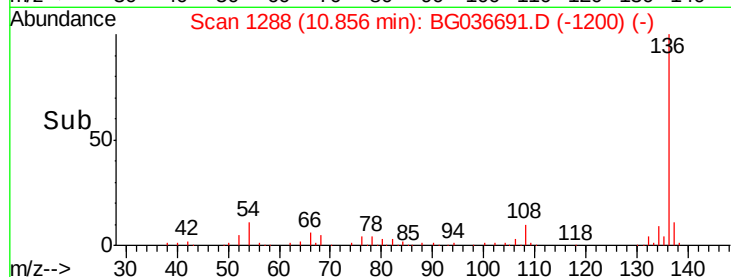
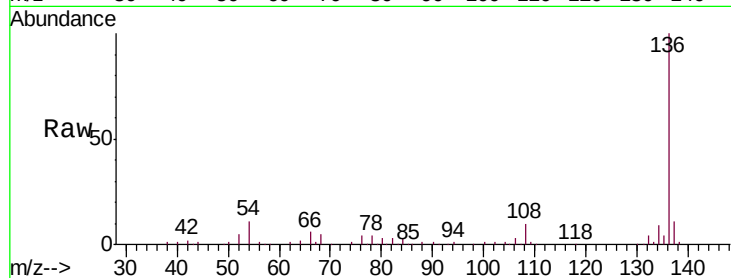




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036691.D
Acq: 13 Sep 2018 20:36

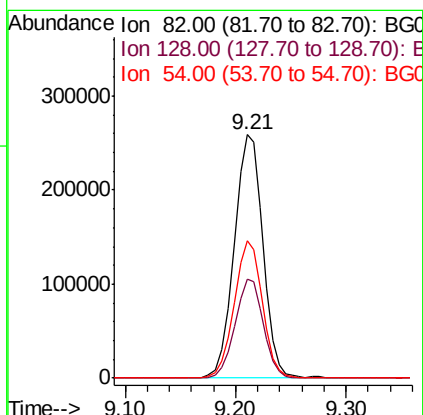
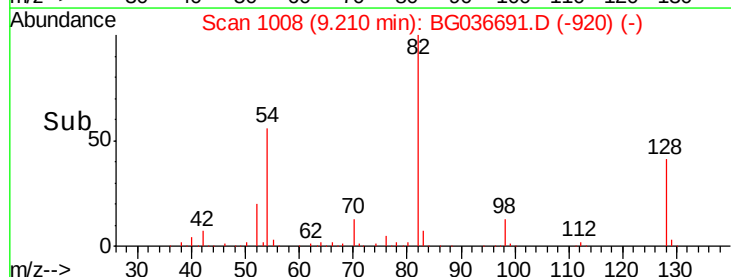
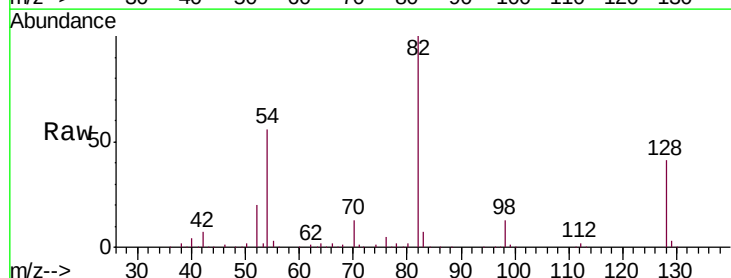
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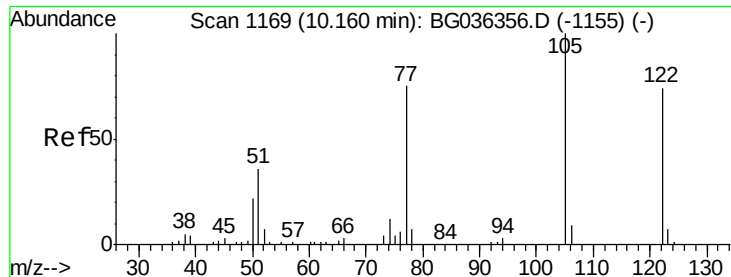
Tgt Ion:	136	Resp:	230908
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.8	9.2	13.8
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 110.786 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036691.D
Acq: 13 Sep 2018 20:36

Tgt Ion:	82	Resp:	471486
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	56.3	45.1	67.7





#32

Benzoic acid

Concen: 4.501 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.12 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-M

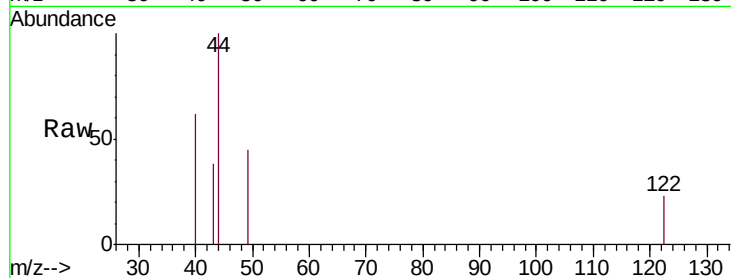
Tgt Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

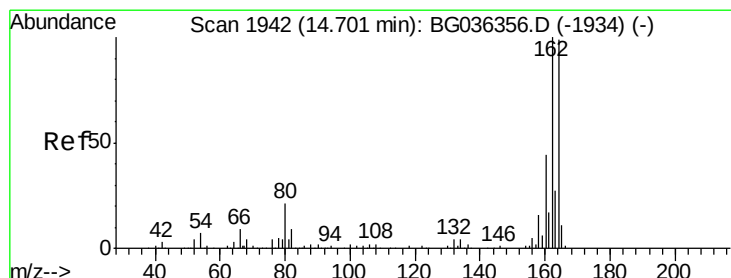
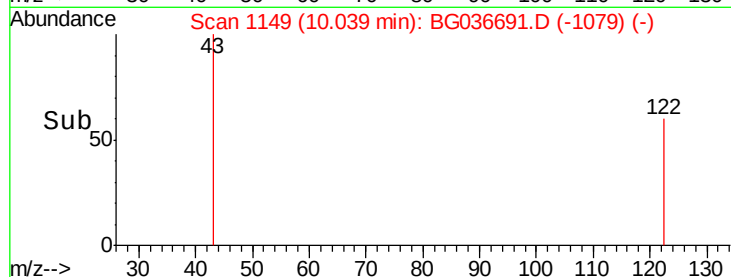
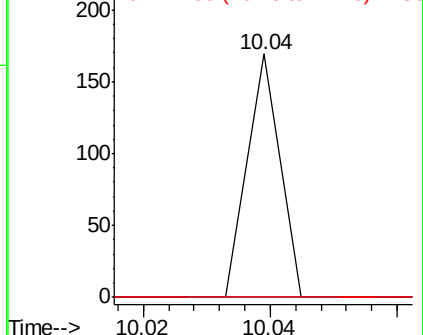
77 0.0 76.3 116.3#



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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

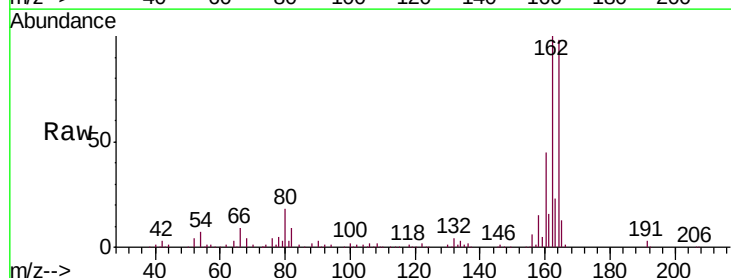
Tgt Ion:164 Resp: 151712

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

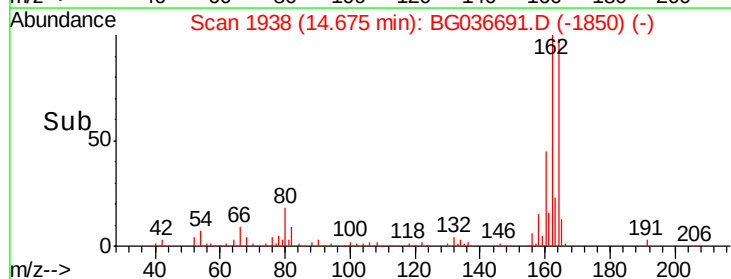
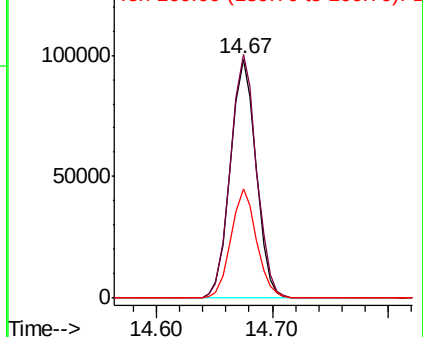
160 45.6 35.3 52.9

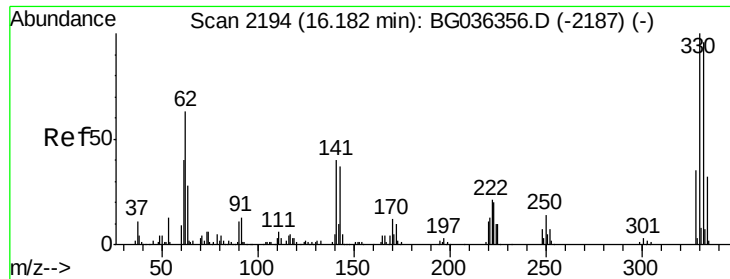


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

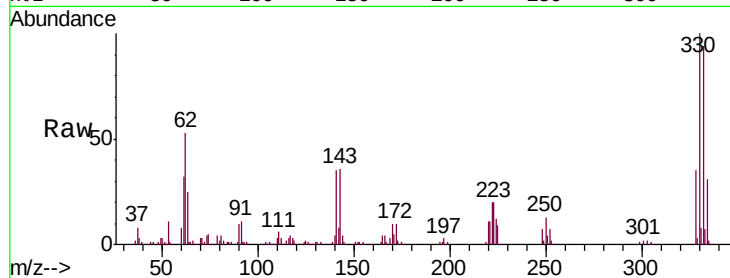




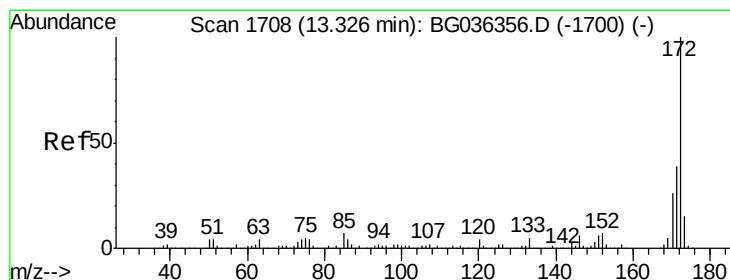
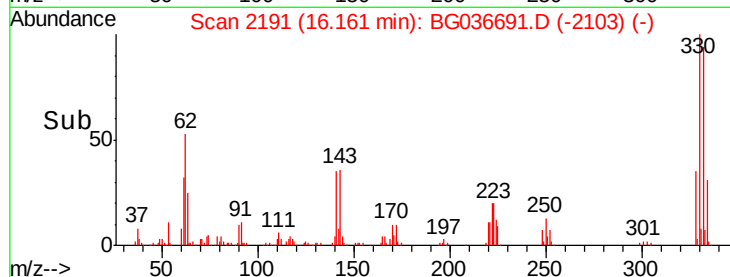
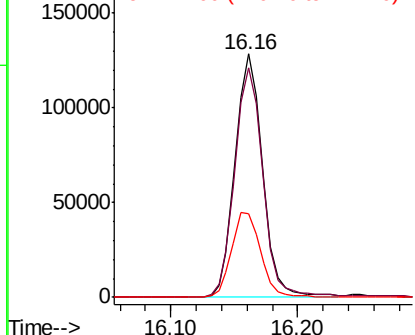
#41
 2,4,6-Tribromophenol
 Concen: 107.074 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036691.D
 Acq: 13 Sep 2018 20:36

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.2
141	37.2	30.7	46.1

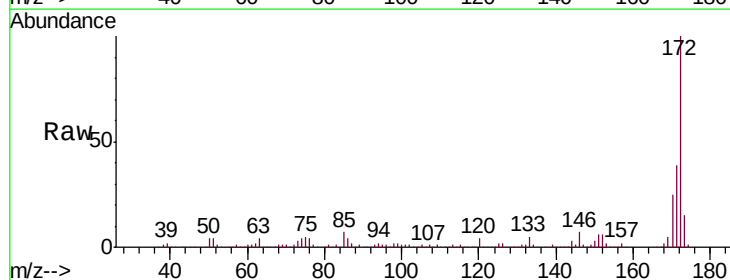


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

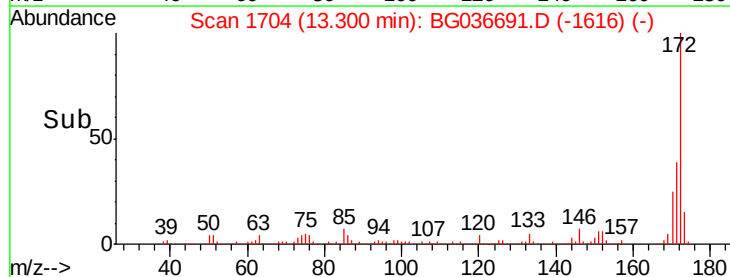
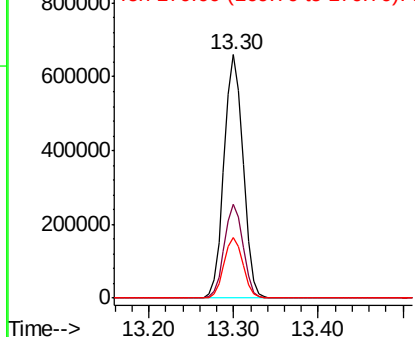


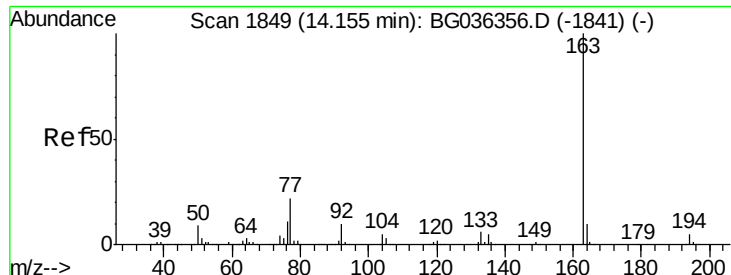
#44
 2-Fluorobiphenyl
 Concen: 97.274 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036691.D
 Acq: 13 Sep 2018 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.1	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: 5.477 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-M

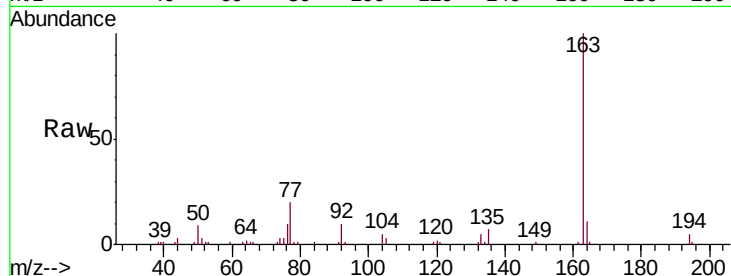
Tgt Ion:163 Resp: 67849

Ion Ratio Lower Upper

163 100

194 5.3 4.0 6.0

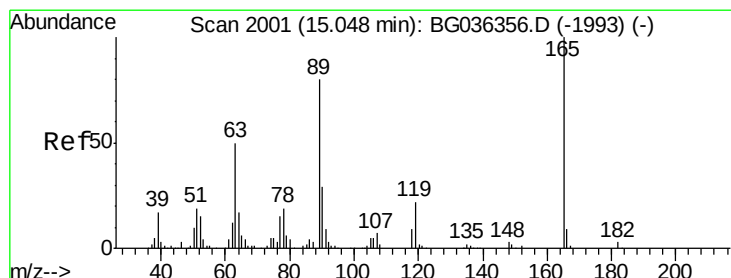
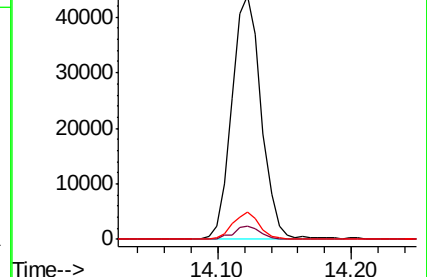
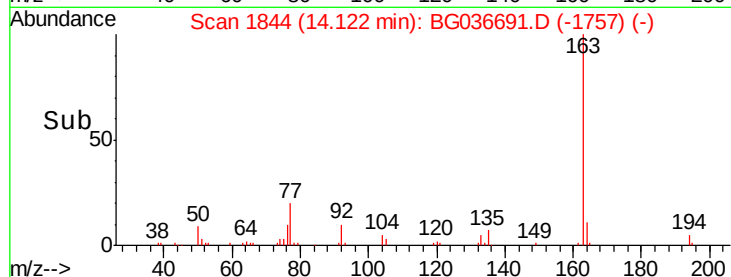
164 11.2 8.1 12.1



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



#56

2,4-Dinitrotoluene

Concen: 5.832 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

Tgt Ion:165 Resp: 19375

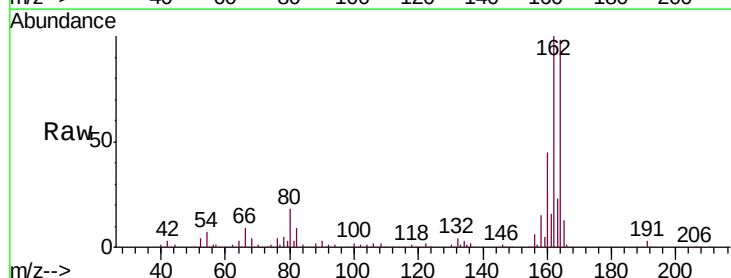
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 0.0 63.7 95.5#

182 0.0 2.5 3.7#

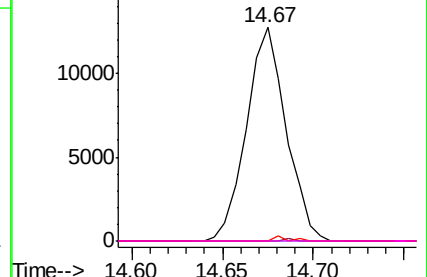
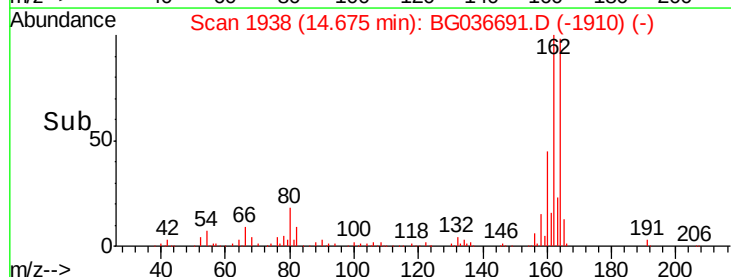


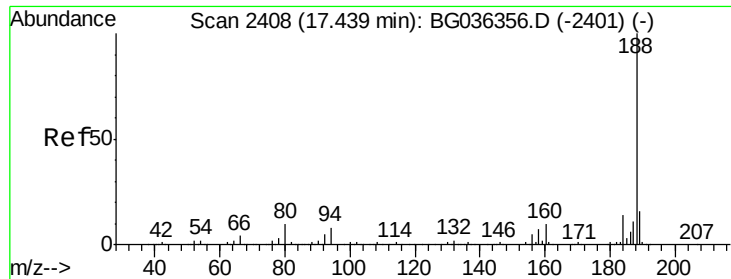
Abundance Ion 165.00 (164.70 to 165.70): E

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

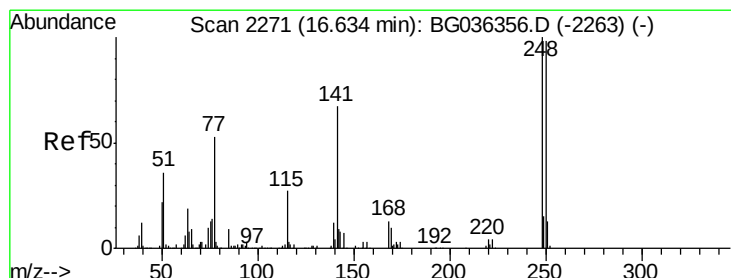
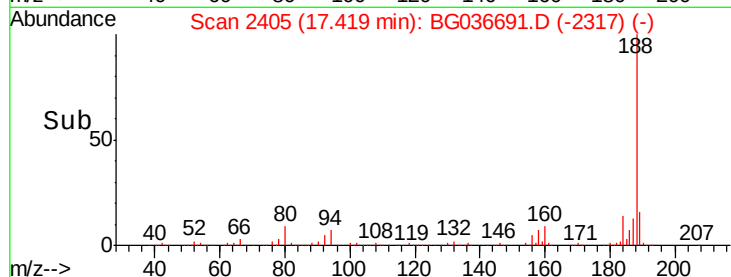
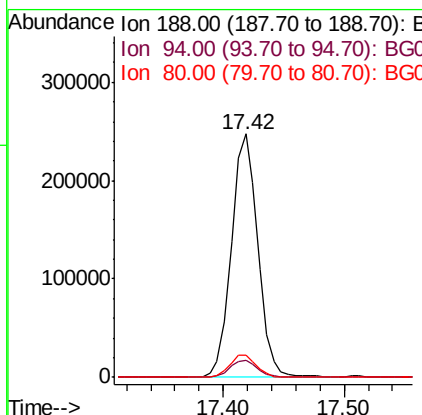
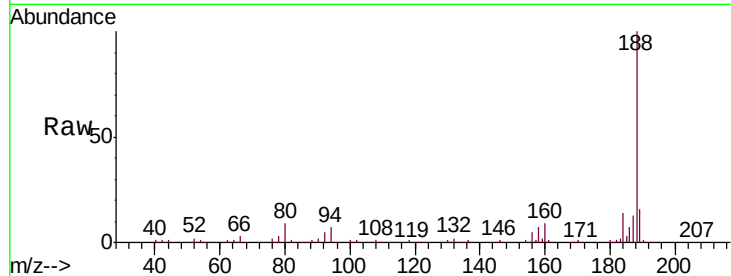




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036691.D
Acq: 13 Sep 2018 20:36

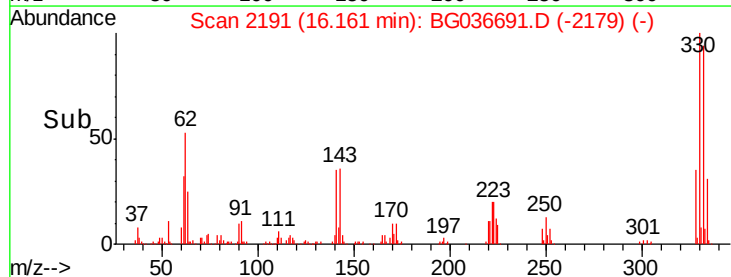
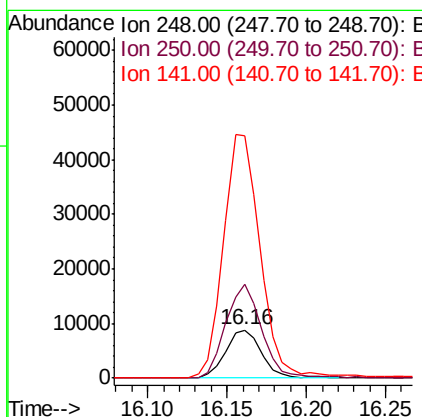
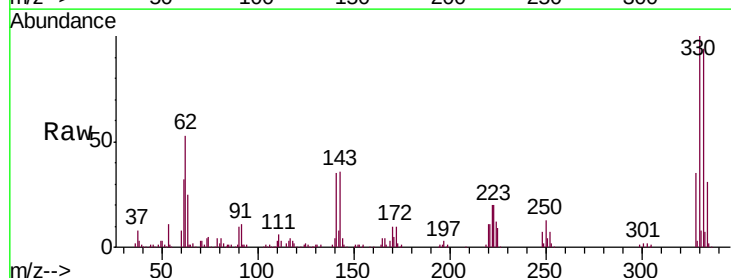
Instrument :
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091118-SIDI-F-U-M

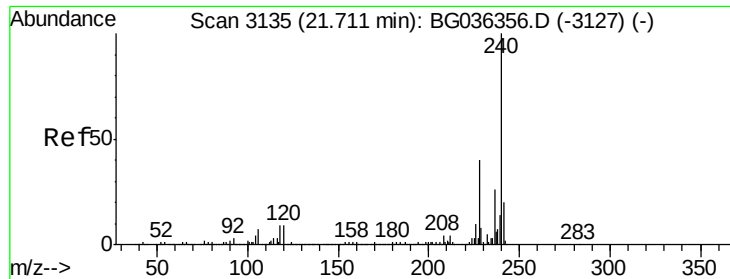
Tgt Ion:188 Resp: 377680
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.0 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.132 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036691.D
Acq: 13 Sep 2018 20:36

Tgt Ion:248 Resp: 13850
Ion Ratio Lower Upper
248 100
250 193.6 78.1 117.1#
141 503.3 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

Instrument :

BNA_G

ClientSampleId :

091118-SIDI-F-U-M

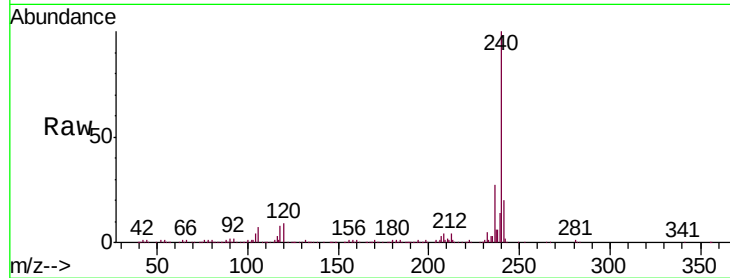
Tgt Ion:240 Resp: 384472

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

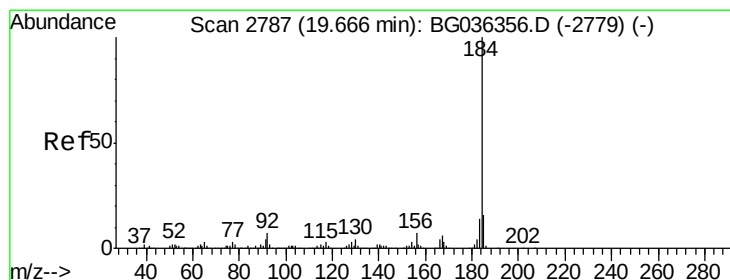
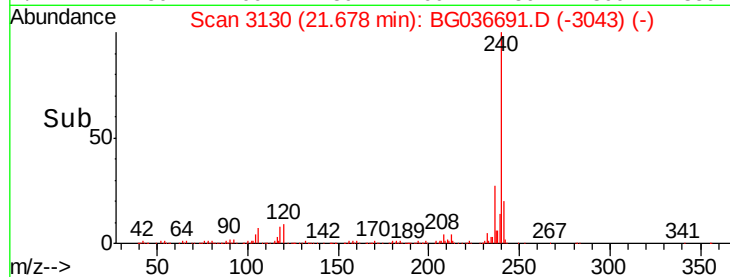
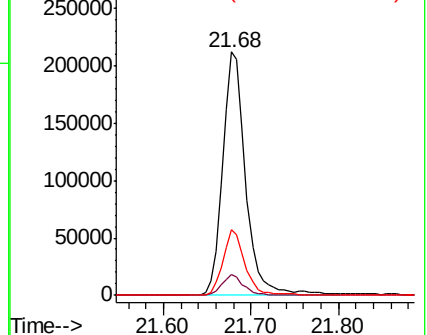
236 27.1 21.2 31.8



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: 2.630 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036691.D

Acq: 13 Sep 2018 20:36

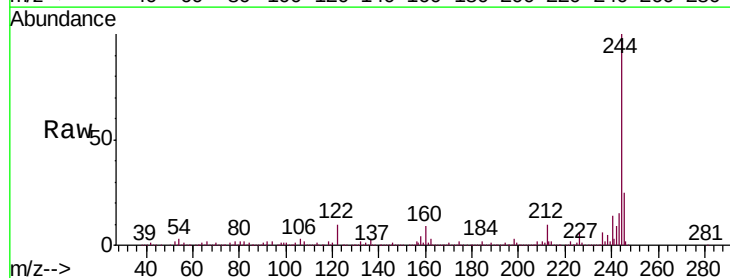
Tgt Ion:184 Resp: 32264

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

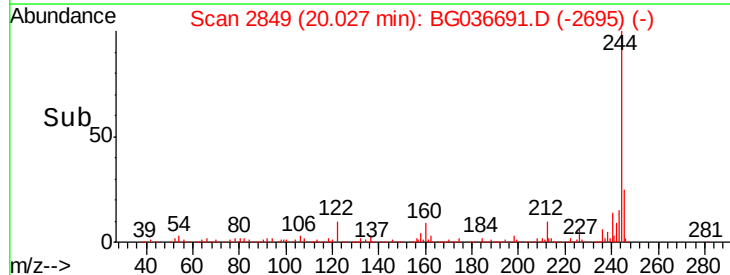
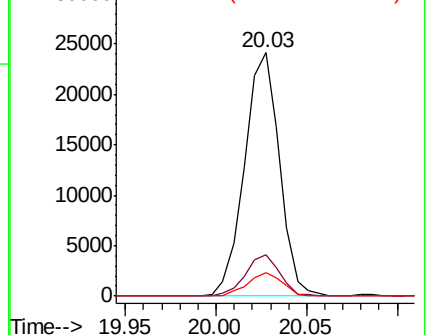
183 9.5 10.9 16.3

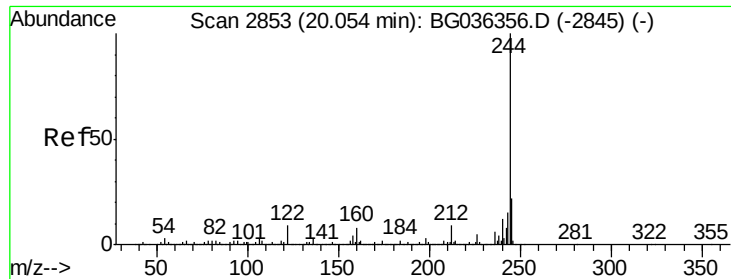


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

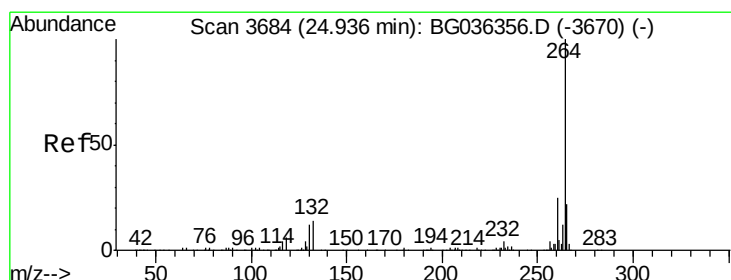
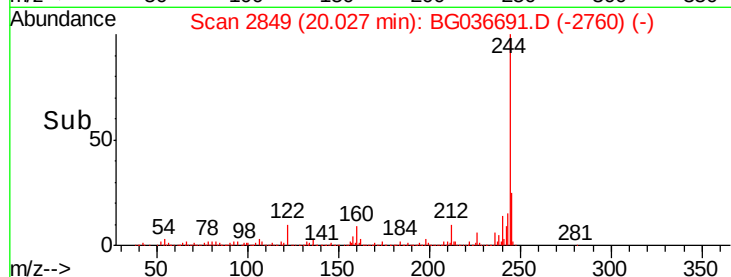
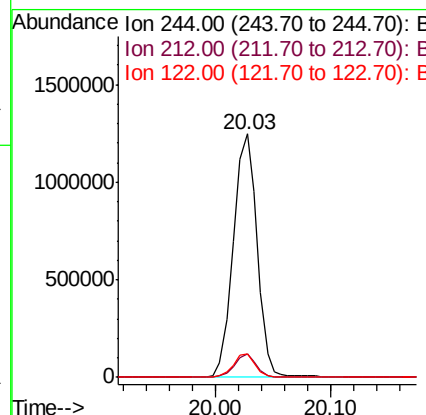
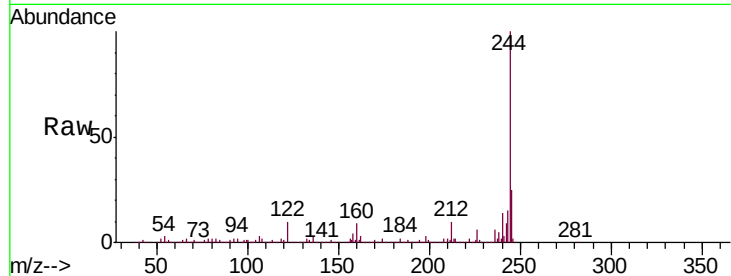




#78
 Terphenyl-d14
 Concen: 108.333 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036691.D
 Acq: 13 Sep 2018 20:36

Instrument :
 BNA_G
 ClientSampleId :
 091118-SIDI-F-U-M

Tgt Ion:244 Resp: 1781987
 Ion Ratio Lower Upper
 244 100
 212 9.9 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: BG036691.D
 Acq: 13 Sep 2018 20:36

Tgt Ion:264 Resp: 342351
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 20.7 17.4 26.0

