

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072318\
 Data File : BG035830.D
 Acq On : 23 Jul 2018 16:37
 Operator : JU/SJ
 Sample : J3991-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-A

Quant Time: Jul 23 17:52:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

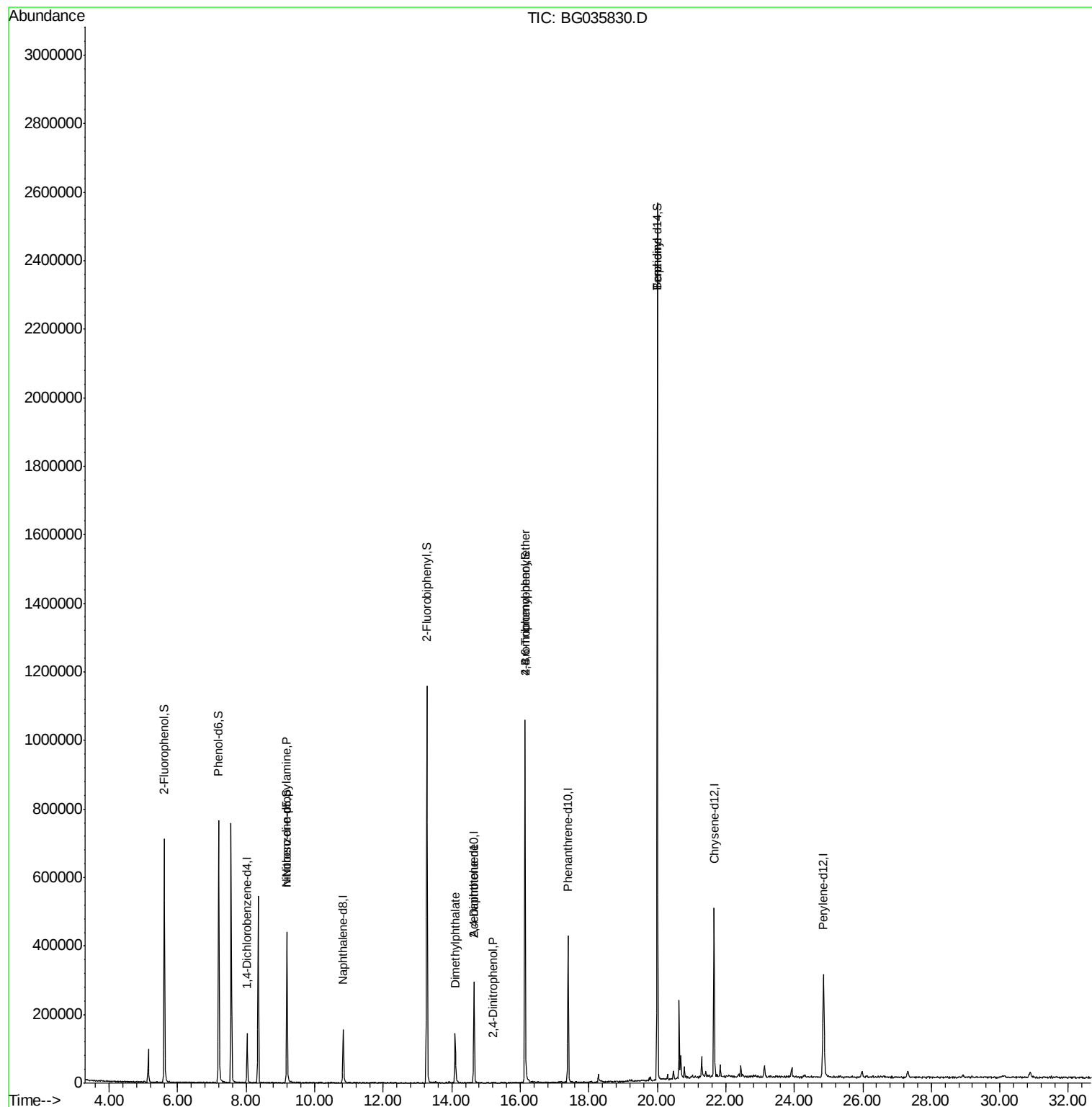
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40227	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	148202	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102967	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	290819	20.00	ng	0.00
75) Chrysene-d12	21.66	240	330825	20.00	ng	0.00
86) Perylene-d12	24.86	264	319299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	321772	132.80	ng	0.00
7) Phenol-d6	7.20	99	476099	131.70	ng	0.00
23) Nitrobenzene-d5	9.19	82	305160	86.02	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	197113	145.24	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	653163	84.99	ng	0.00
78) Terphenyl-d14	20.00	244	1269754	84.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	41931	13.774	ng	Qvalue # 73
49) Dimethylphthalate	14.10	163	111817	12.395	ng	# 99
53) 2,4-Dinitrophenol	15.20	184	63	6.643	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13563	5.146	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	16175	4.794	ng	# 1
76) Benzidine	20.00	184	23077	2.653	ng	# 93

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration



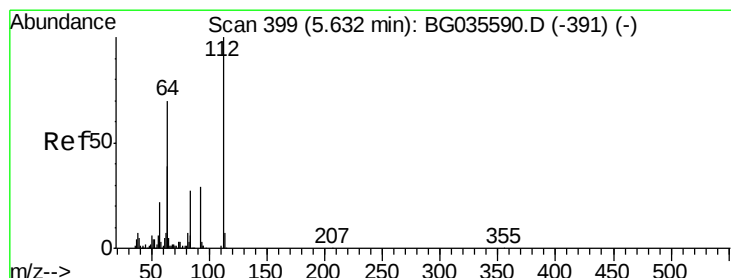
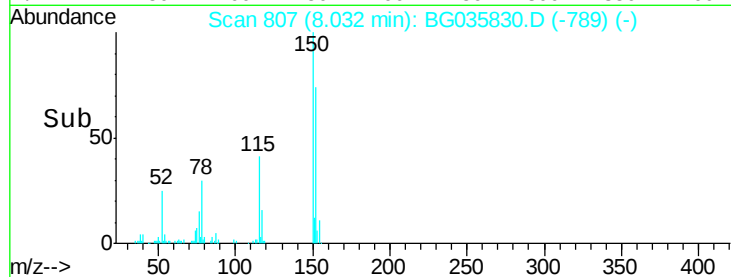
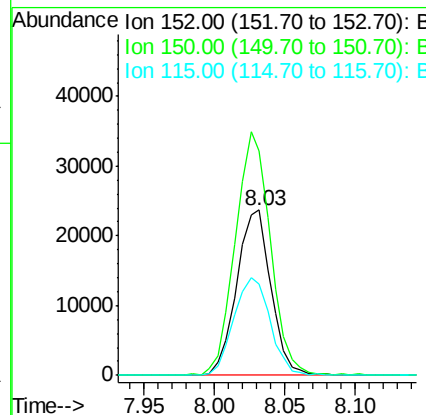
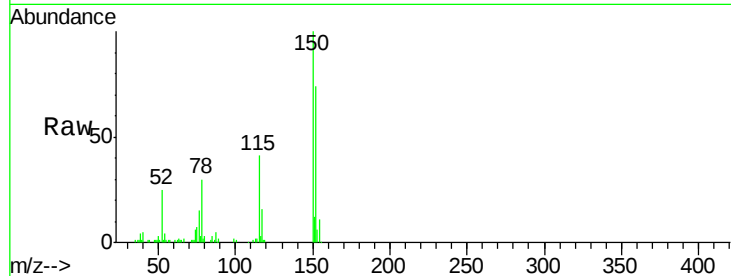


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Instrument :
BNA_G
ClientSampleId :
SB-2-A

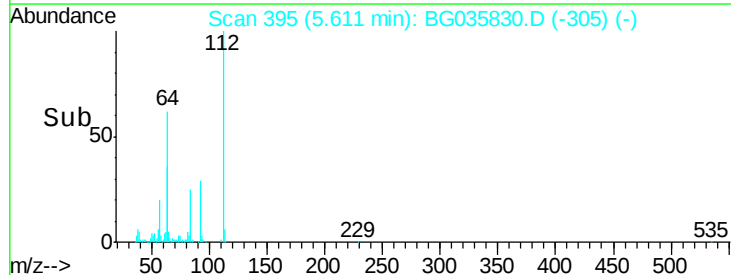
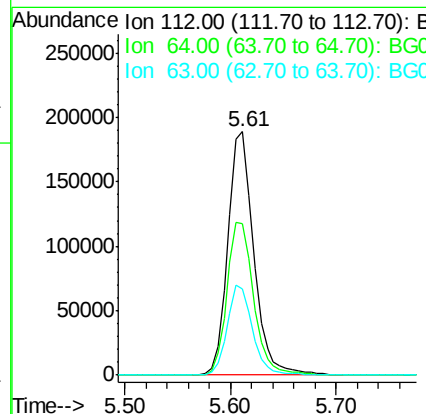
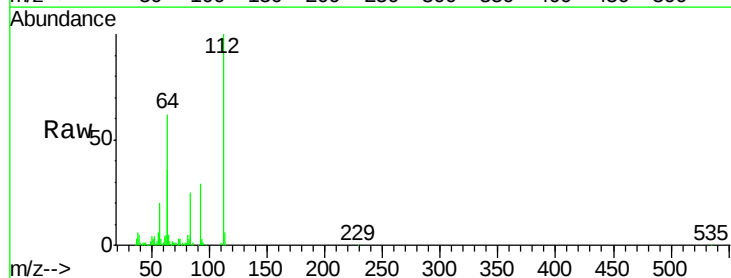
Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.9	126.6	189.8
115	55.4	53.0	79.4

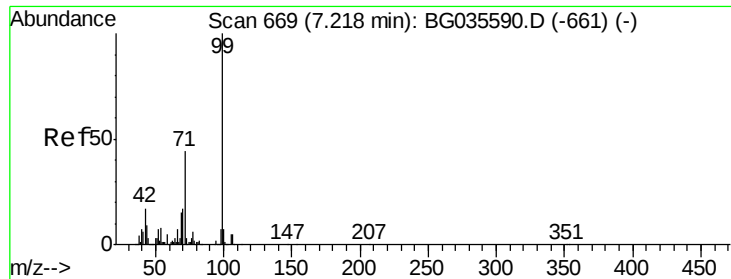


#5

2-Fluorophenol
Concen: 132.801 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	35.5	30.1	45.1





#7

Phenol-d6

Concen: 131.699 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

Instrument :

BNA_G

ClientSampleId :

SB-2-A

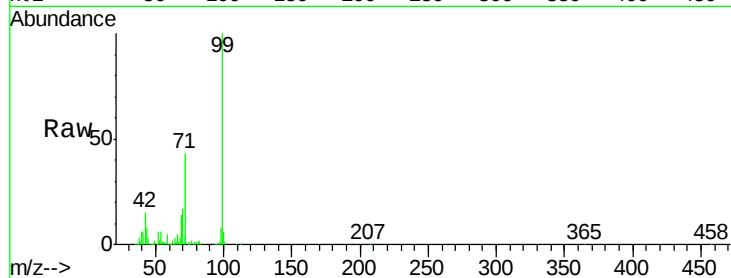
Tgt Ion: 99 Resp: 476099

Ion Ratio Lower Upper

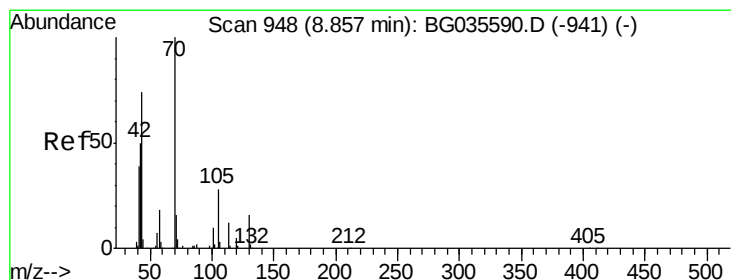
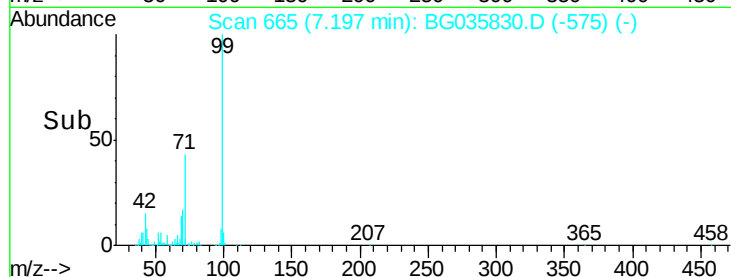
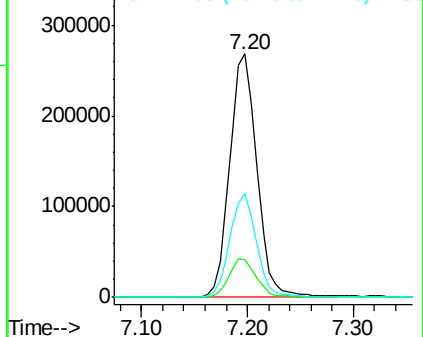
99 100

42 15.3 14.1 21.1

71 42.8 26.1 39.1#



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: 13.774 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

Tgt Ion: 70 Resp: 41931

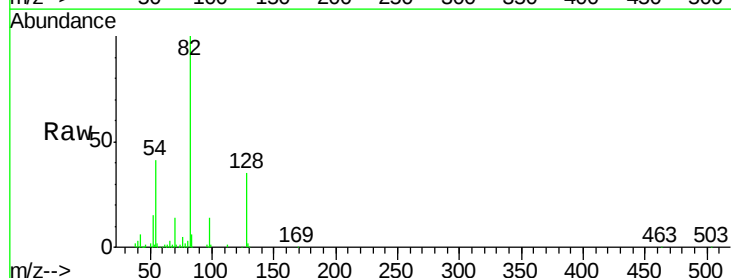
Ion Ratio Lower Upper

70 100

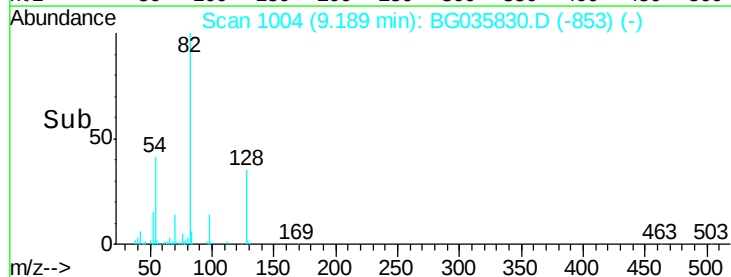
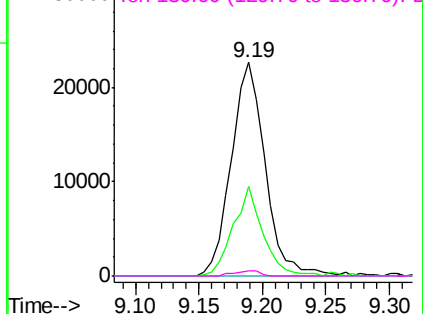
42 42.1 49.1 73.7#

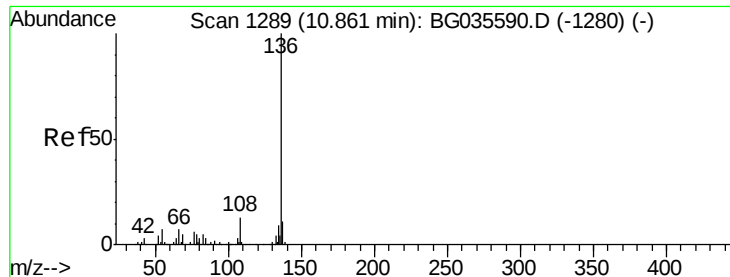
101 0.0 8.5 12.7#

130 2.4 13.4 20.0#



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

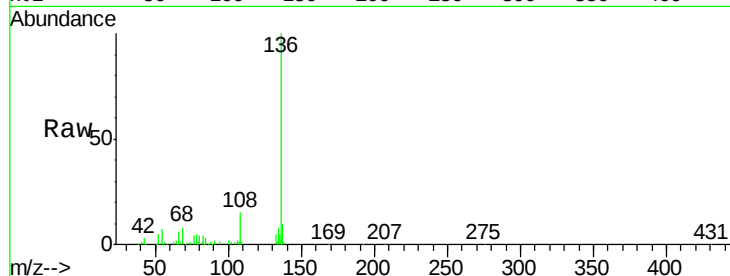




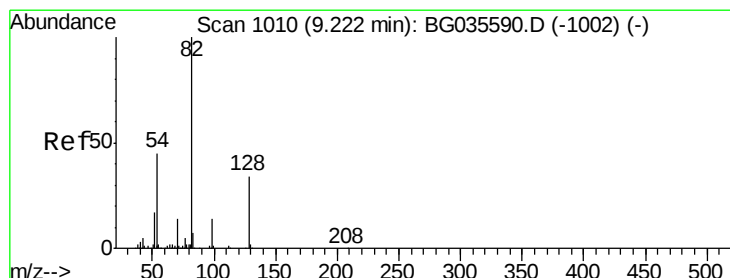
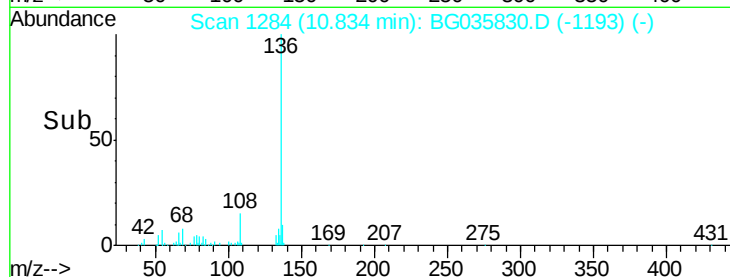
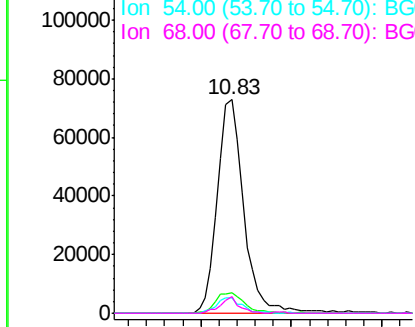
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Instrument :
BNA_G
ClientSampleId :
SB-2-A

Tgt Ion:	136	Resp:	148202
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	7.4	10.3	15.5#
68	7.6	4.5	6.7#

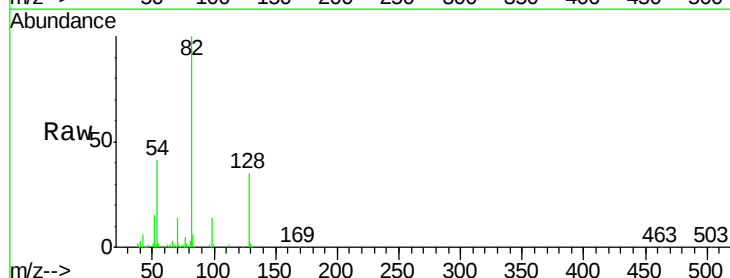


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

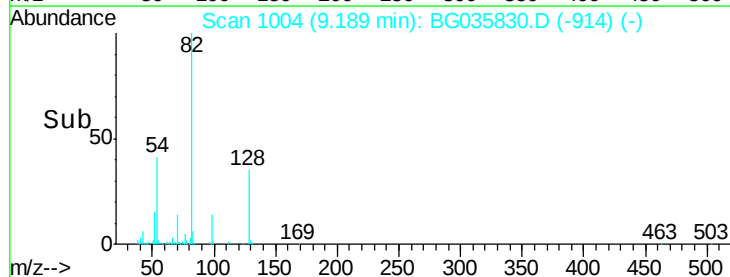
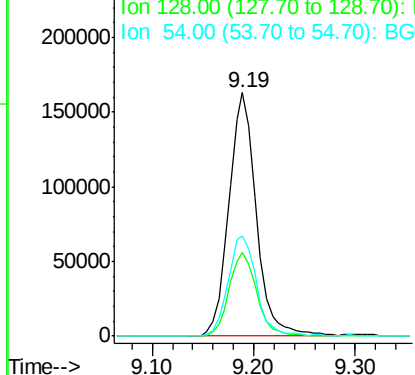


#23
Nitrobenzene-d5
Concen: 86.018 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Tgt Ion:	82	Resp:	305160
Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	41.4	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

Instrument :

BNA_G

ClientSampleId :

SB-2-A

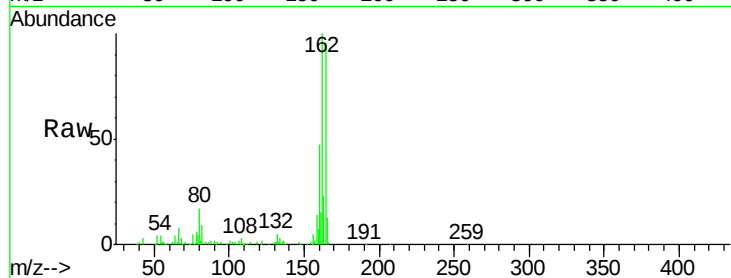
Tgt Ion:164 Resp: 102967

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

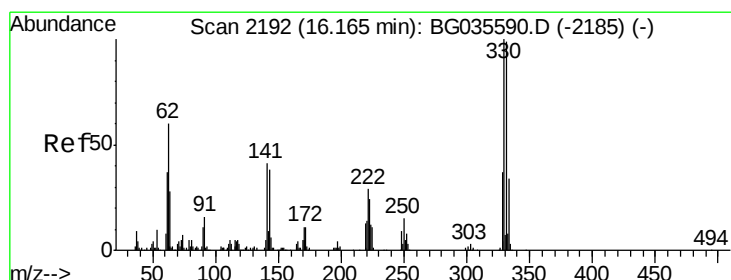
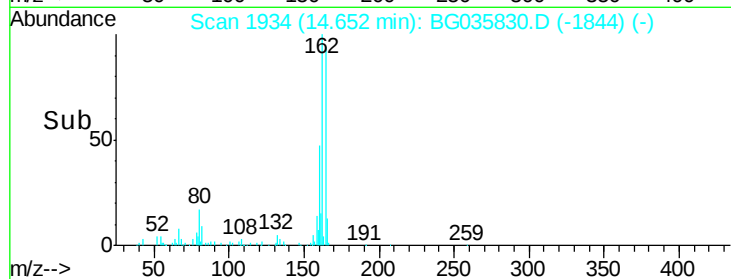
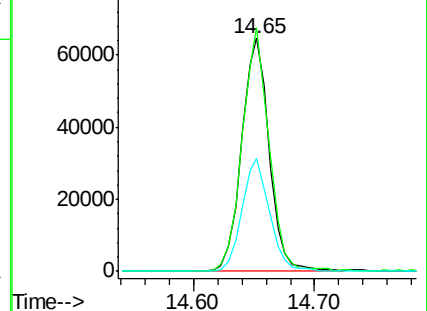
160 48.6 35.4 53.0



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: 145.238 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

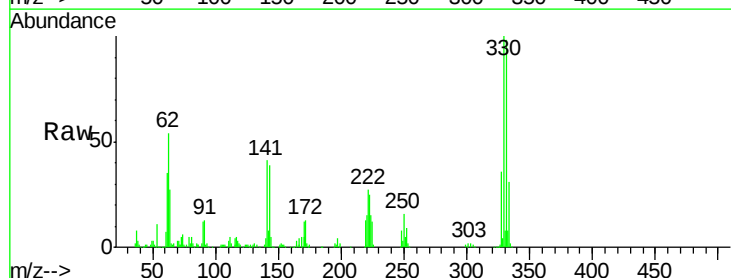
Tgt Ion:330 Resp: 197113

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

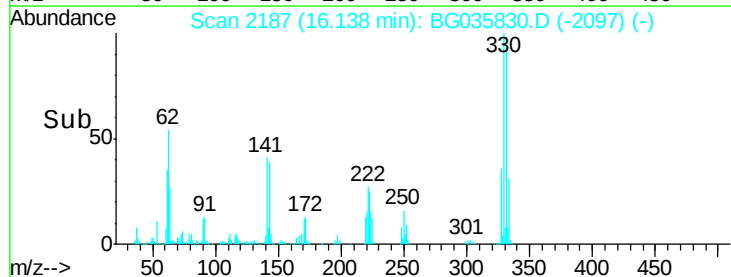
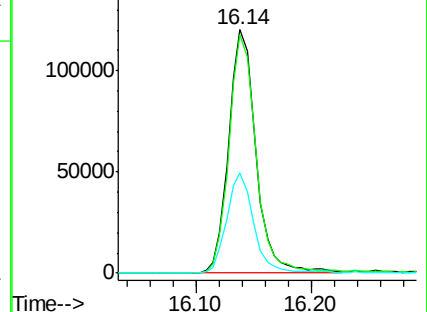
141 40.4 25.2 37.8#

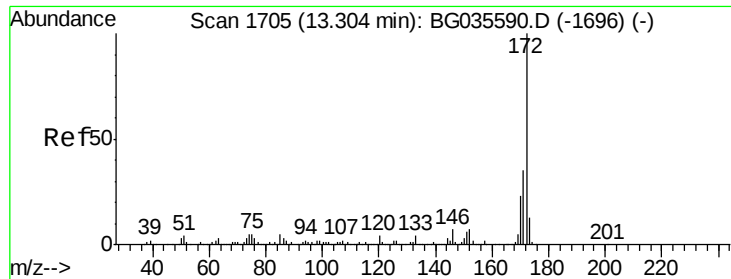


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

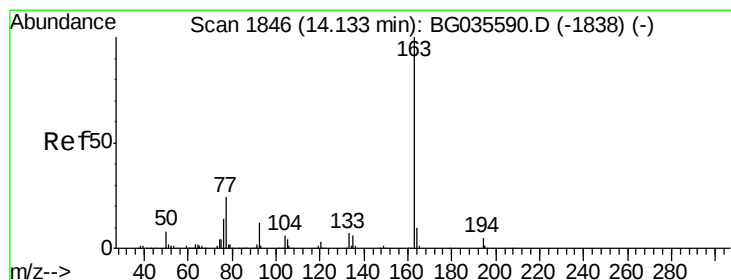
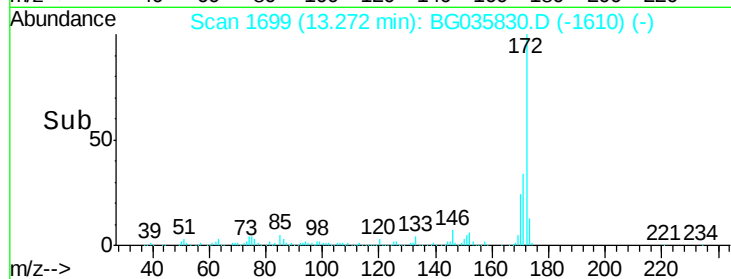
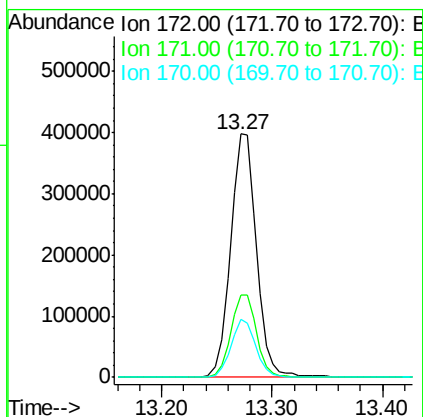
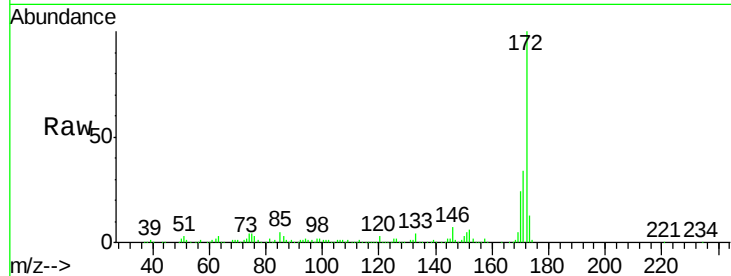




#44
2-Fluorobiphenyl
Concen: 84.985 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

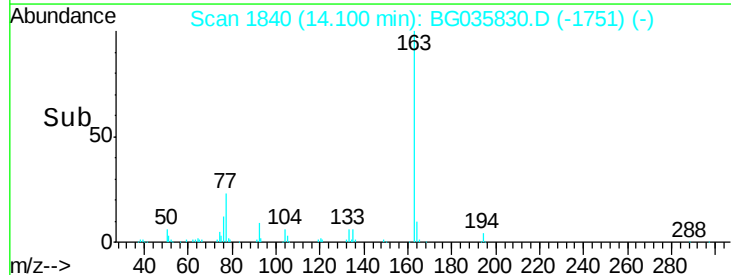
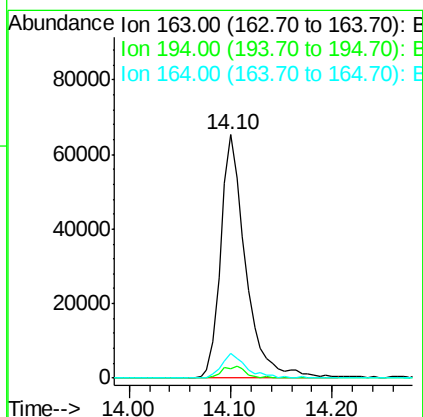
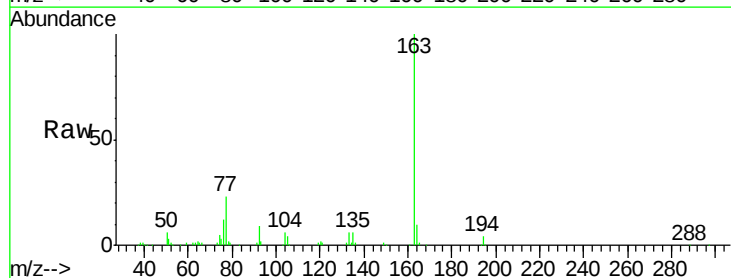
Instrument :
BNA_G
ClientSampleId :
SB-2-A

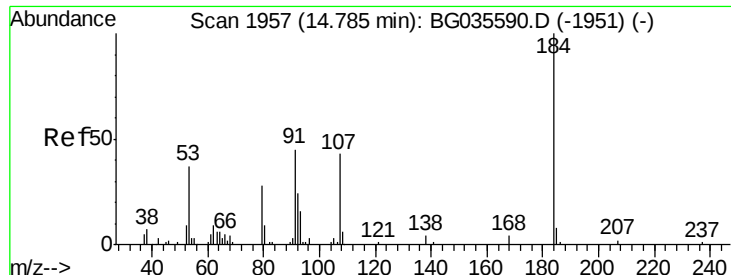
Tgt Ion:172 Resp: 653163
Ion Ratio Lower Upper
172 100
171 33.9 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 12.395 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Tgt Ion:163 Resp: 111817
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.1 8.2 12.4

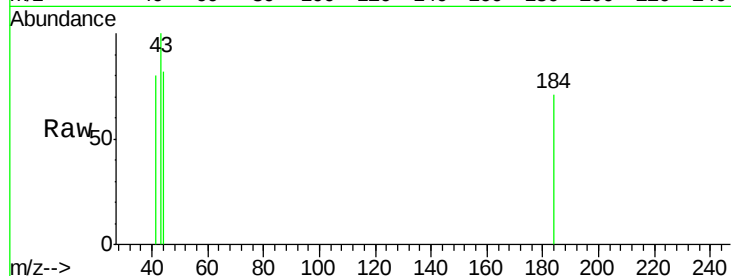




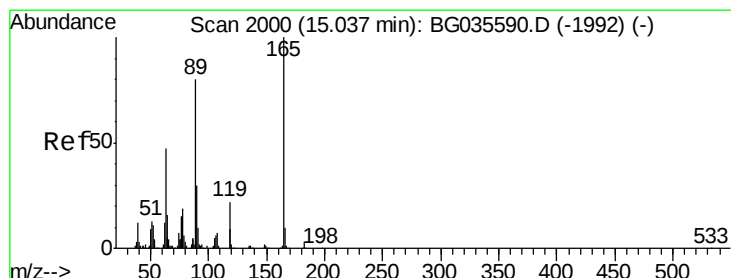
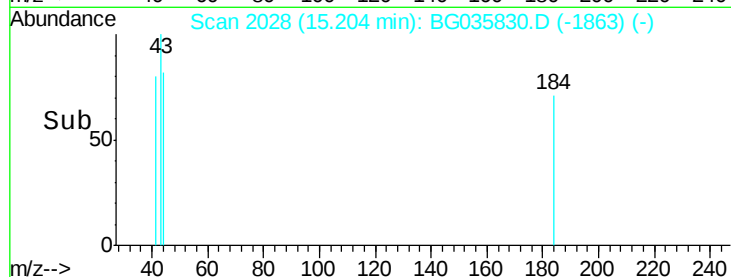
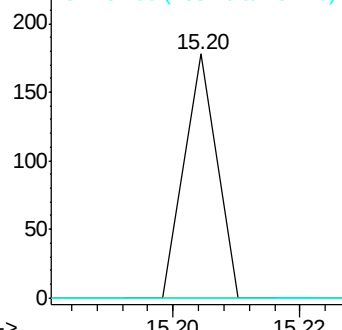
#53
2,4-Dinitrophenol
Concen: 6.643 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.44 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Instrument :
BNA_G
ClientSampleId :
SB-2-A

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

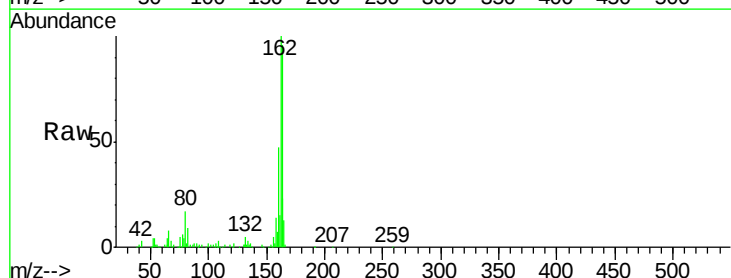


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

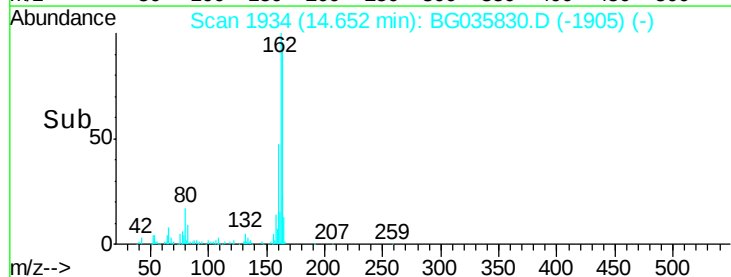
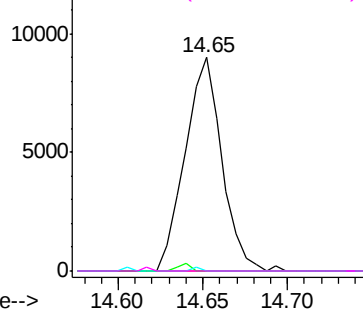


#56
2,4-Dinitrotoluene
Concen: 5.146 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Tgt Ion:165 Resp: 13563
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



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

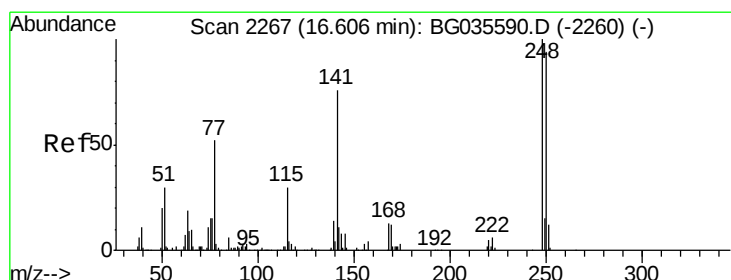
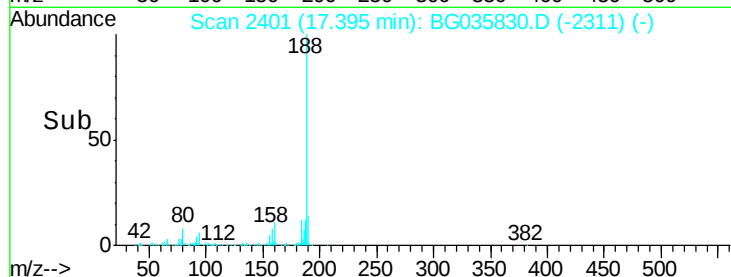
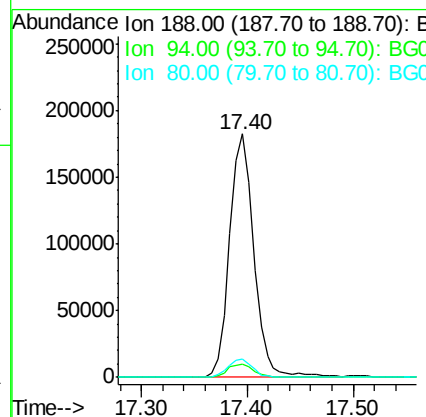
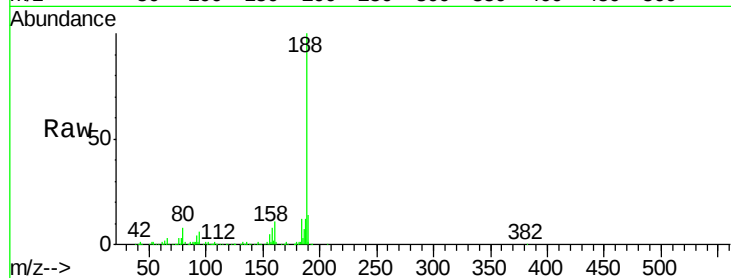




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

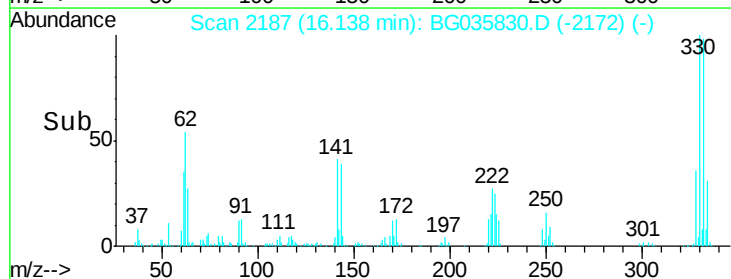
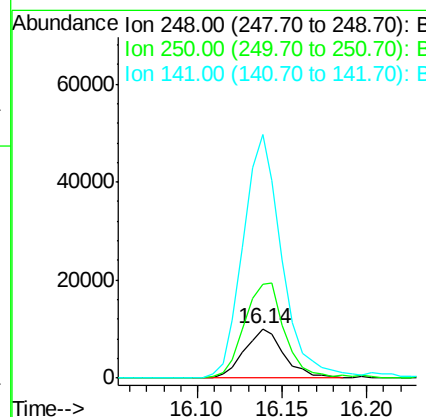
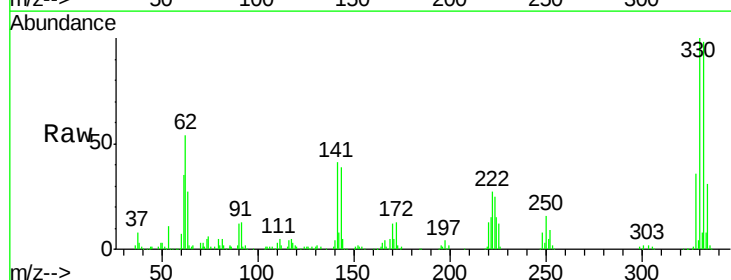
Instrument :
BNA_G
ClientSampleId :
SB-2-A

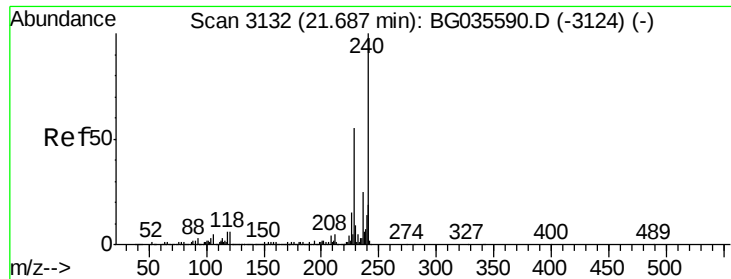
Tgt Ion:188 Resp: 290819
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.6 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.794 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.44 min
Lab File: BG035830.D
Acq: 23 Jul 2018 16:37

Tgt Ion:248 Resp: 16175
Ion Ratio Lower Upper
248 100
250 190.6 77.1 115.7#
141 493.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

Instrument :

BNA_G

ClientSampleId :

SB-2-A

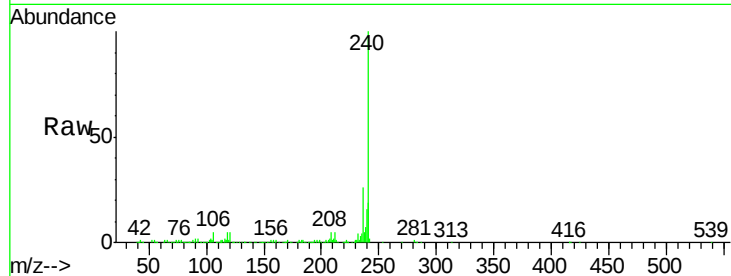
Tgt Ion:240 Resp: 330825

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

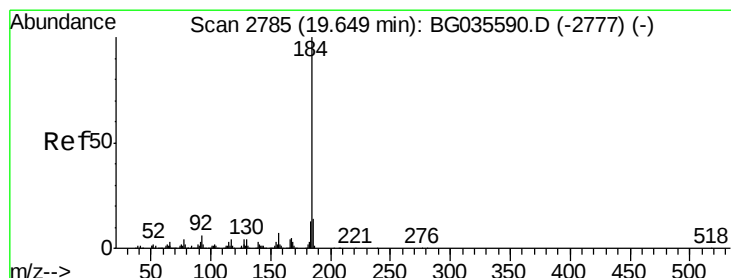
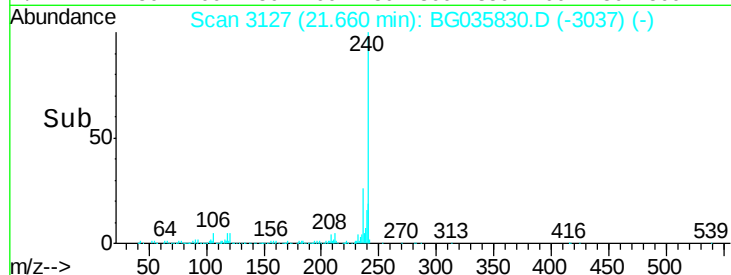
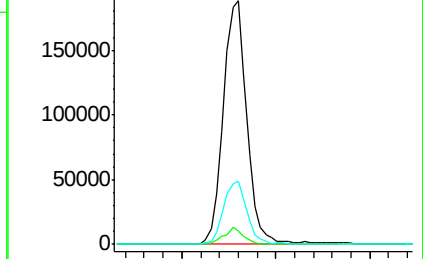
236 26.2 20.9 31.3



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: 2.653 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

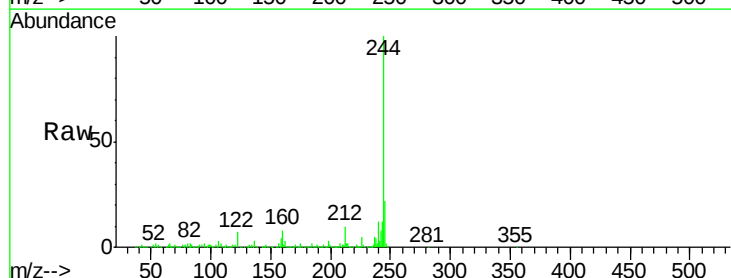
Tgt Ion:184 Resp: 23077

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

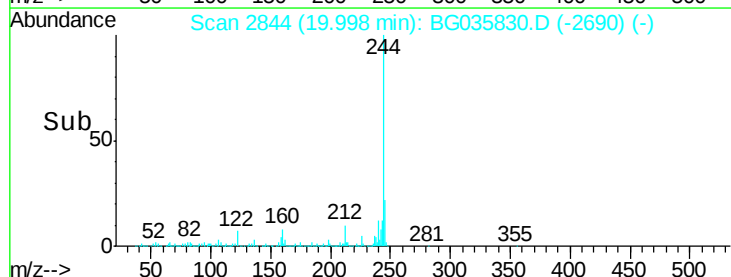
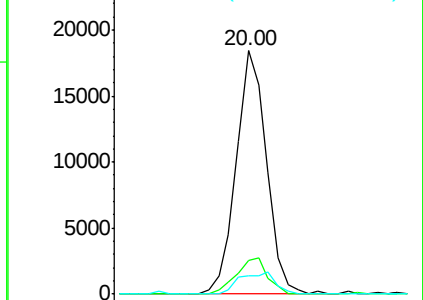
183 7.5 10.6 16.0#

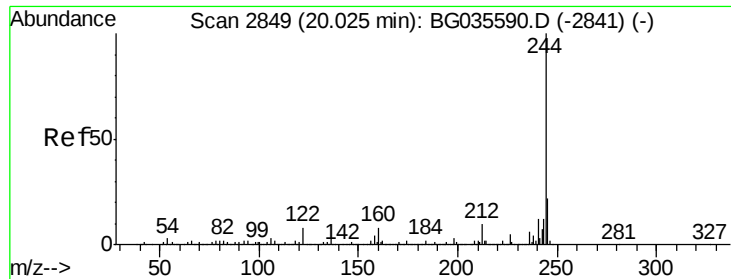


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 84.604 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

Instrument :

BNA_G

ClientSampleId :

SB-2-A

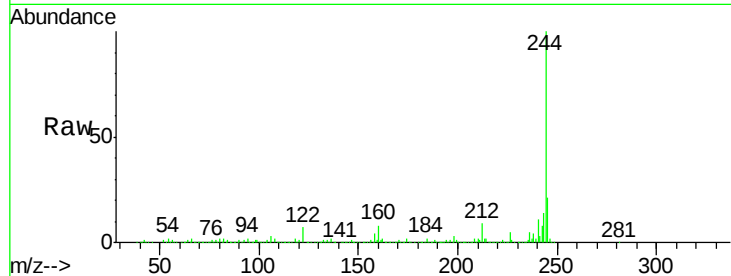
Tgt Ion:244 Resp: 1269754

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

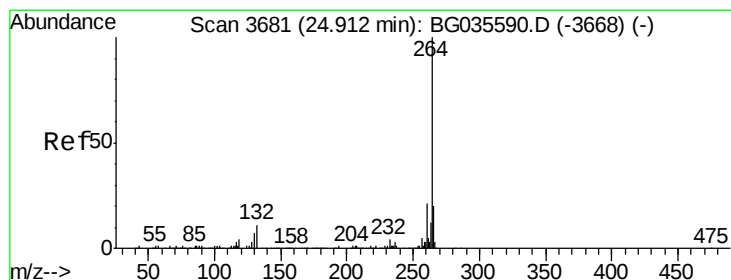
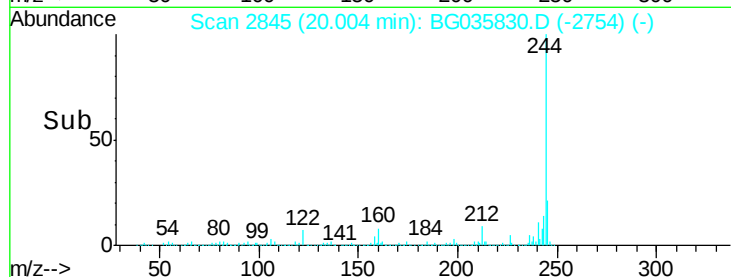
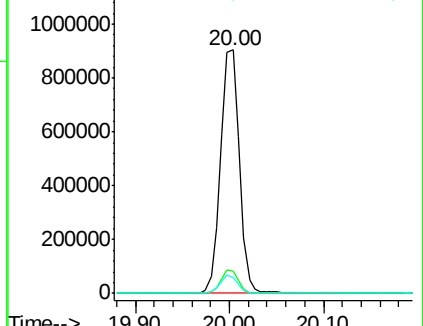
122 6.5 7.0 10.4#



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: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035830.D

Acq: 23 Jul 2018 16:37

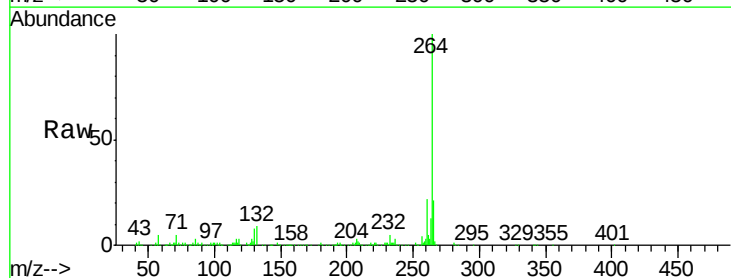
Tgt Ion:264 Resp: 319299

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 20.7 17.7 26.5



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

