

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035762.D
 Acq On : 19 Jul 2018 23:23
 Operator : JU/SJ
 Sample : J4030-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB6-12-7

Quant Time: Jul 20 02:00:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

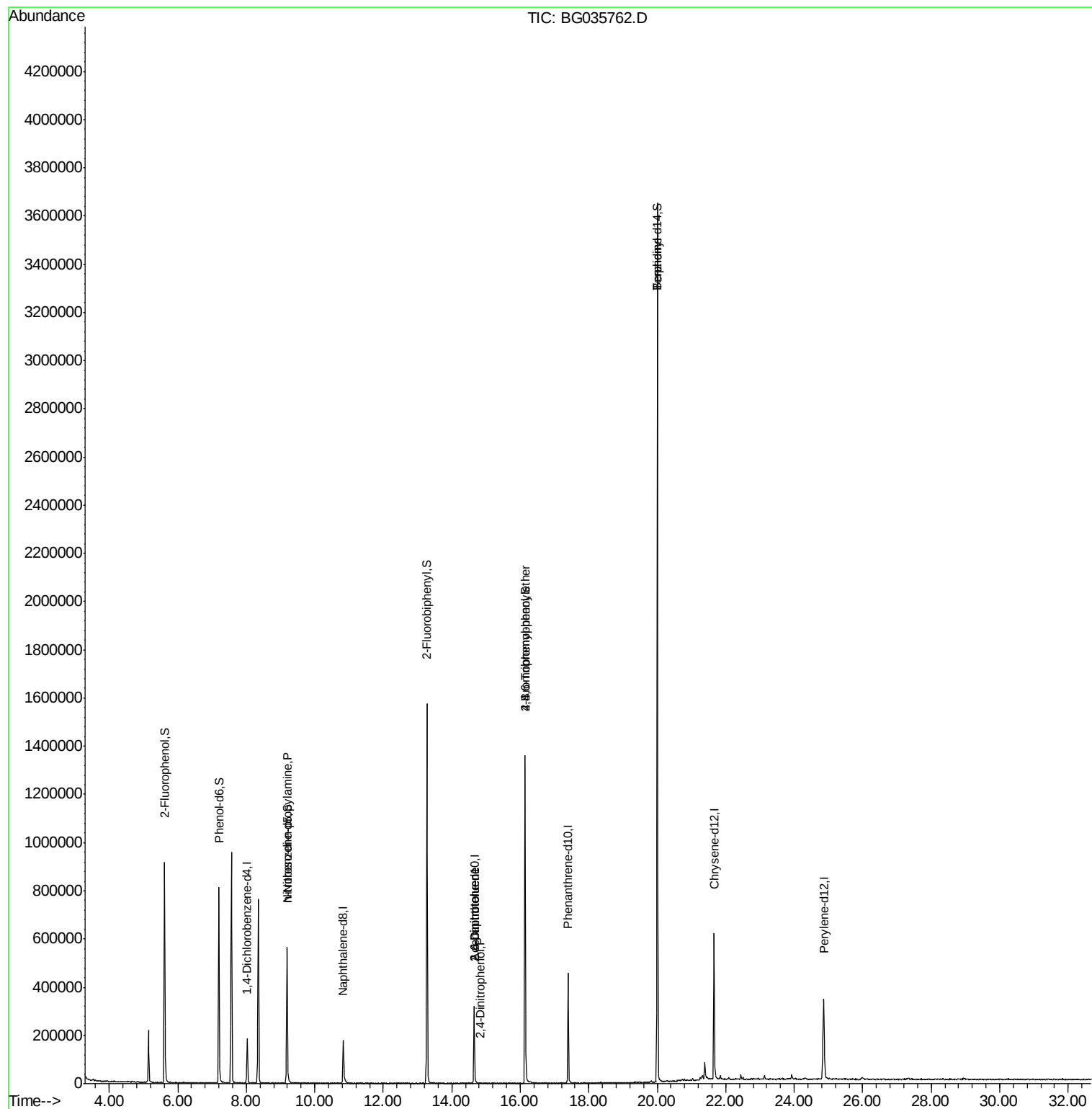
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	51407	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	169138	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	117630	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	327084	20.00	ng	0.00
75) Chrysene-d12	21.66	240	390586	20.00	ng	-0.02
86) Perylene-d12	24.86	264	363198	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	398189	128.60	ng	0.00
7) Phenol-d6	7.20	99	505347	109.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	395797	97.76	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	256917	165.71	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	881087	100.35	ng	-0.01
78) Terphenyl-d14	20.01	244	1799661	101.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	52603	13.522	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	14805	7.054	ng	# 18
53) 2,4-Dinitrophenol	14.83	184	54	6.628	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	14805	4.917	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	20820	5.487	ng	# 1
76) Benzidine	20.01	184	33281	3.241	ng	# 94

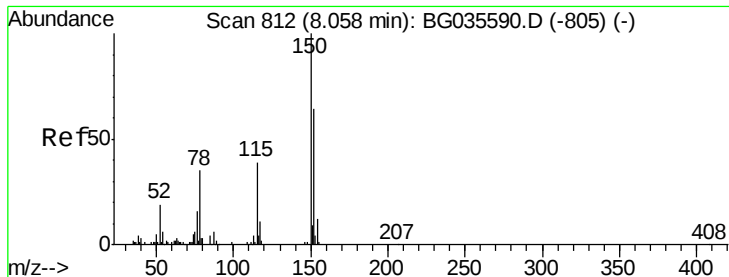
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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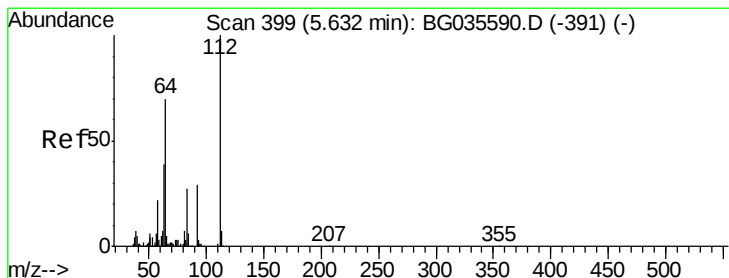
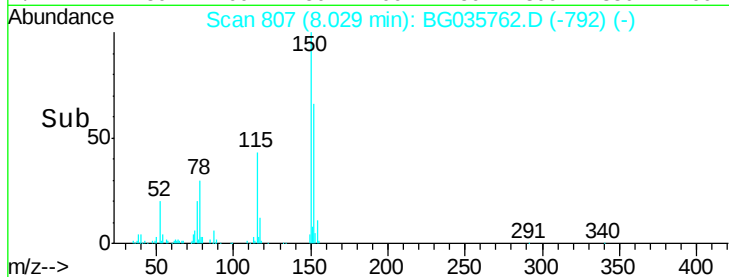
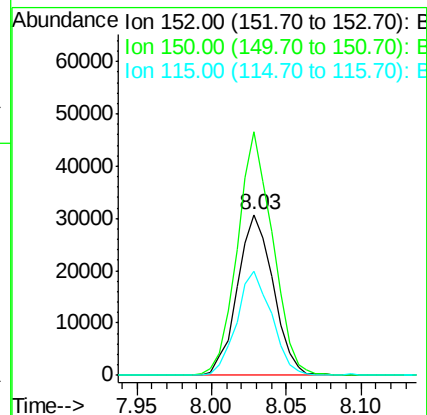
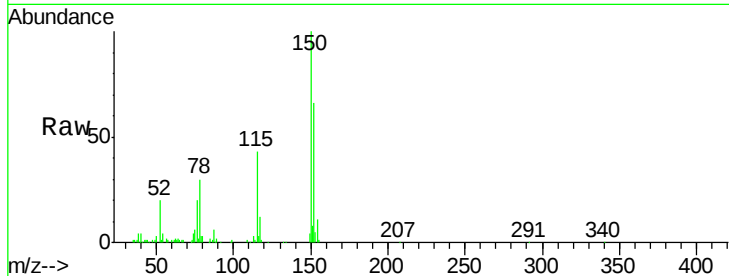


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

Instrument :
BNA_G
ClientSampleId :
SB6-12-7

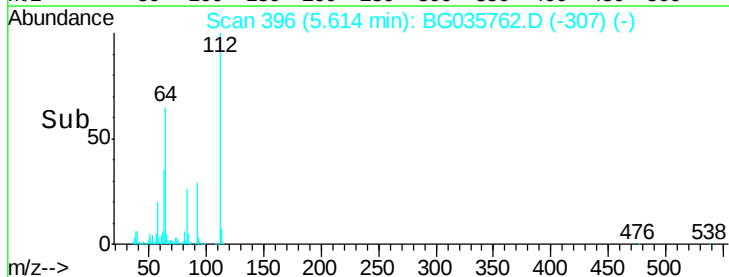
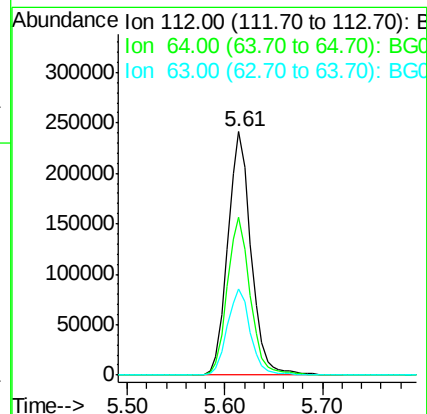
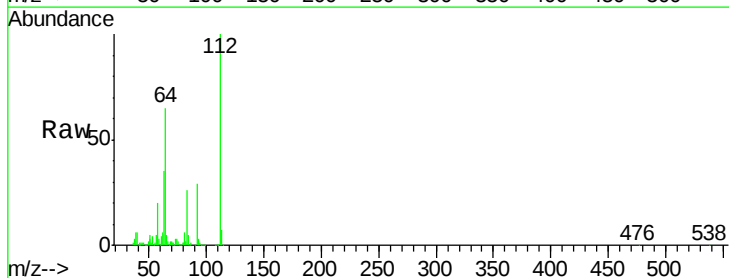
Tgt Ion:152 Resp: 51407
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 65.1 53.0 79.4



#5

2-Fluorophenol
Concen: 128.599 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

Tgt Ion:112 Resp: 398189
Ion Ratio Lower Upper
112 100
64 64.8 56.3 84.5
63 35.2 30.1 45.1





#7

Phenol-d6

Concen: 109.388 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

Instrument :

BNA_G

ClientSampleId :

SB6-12-7

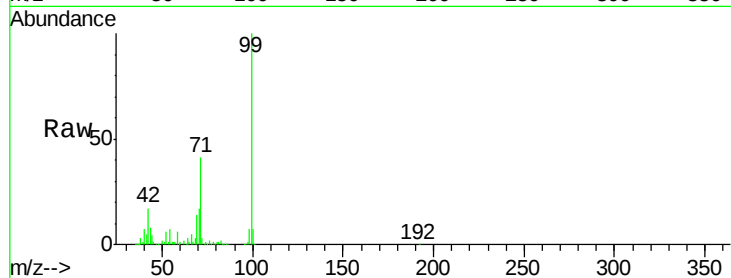
Tgt Ion: 99 Resp: 505347

Ion Ratio Lower Upper

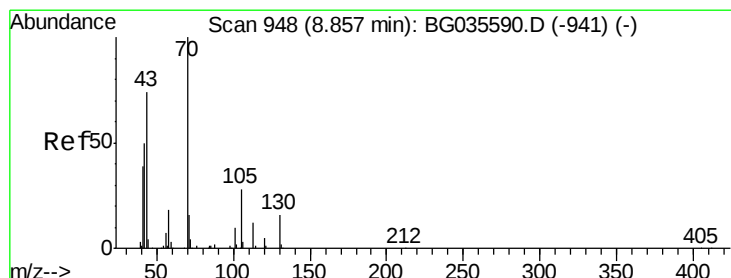
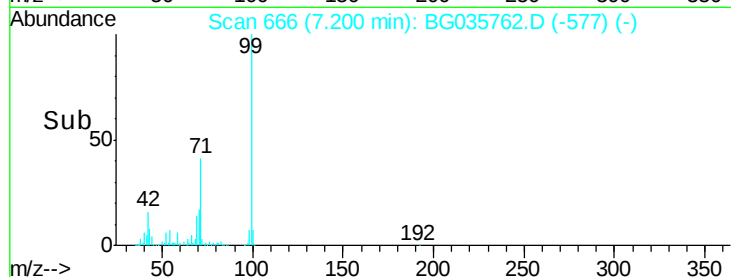
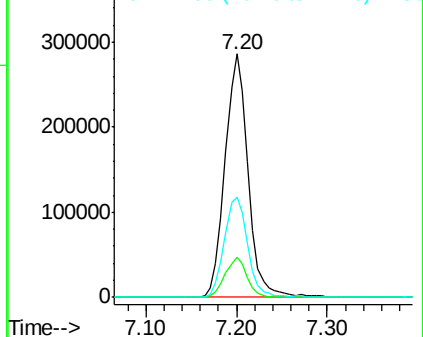
99 100

42 16.5 14.1 21.1

71 41.2 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: 13.522 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.35 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

Tgt Ion: 70 Resp: 52603

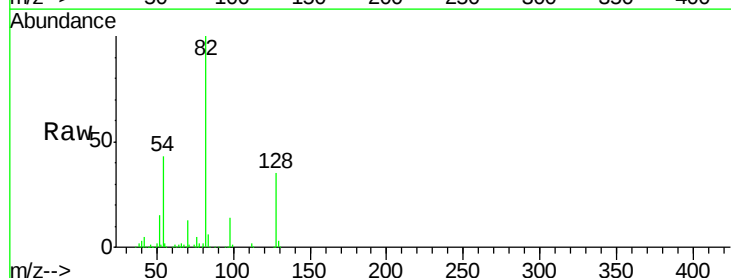
Ion Ratio Lower Upper

70 100

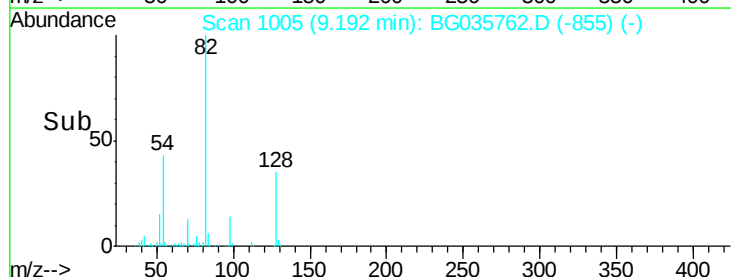
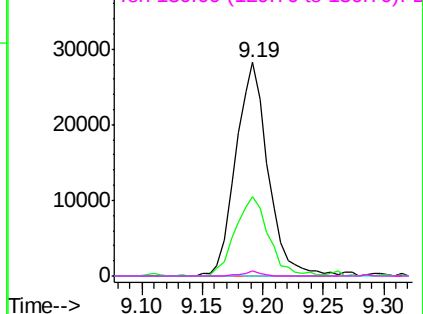
42 37.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 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

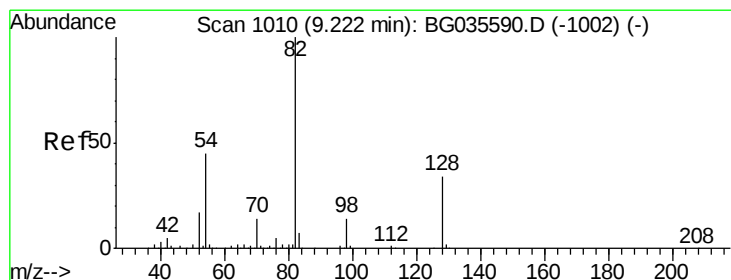
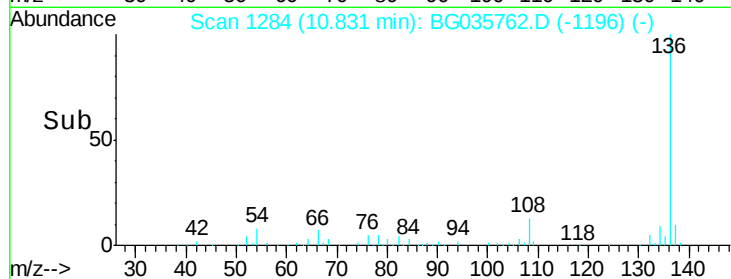
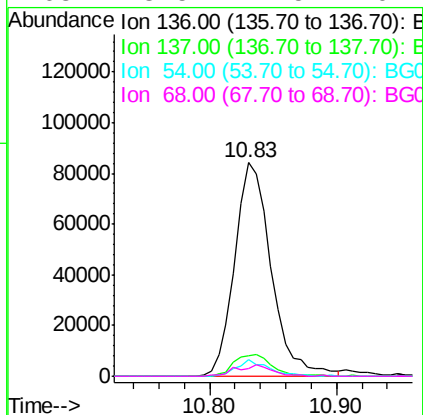
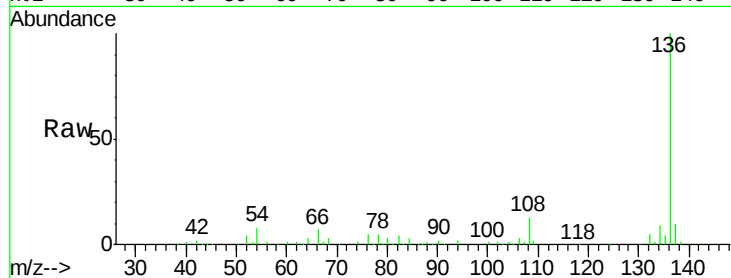




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

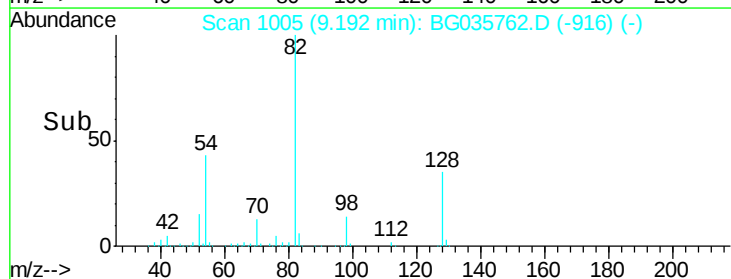
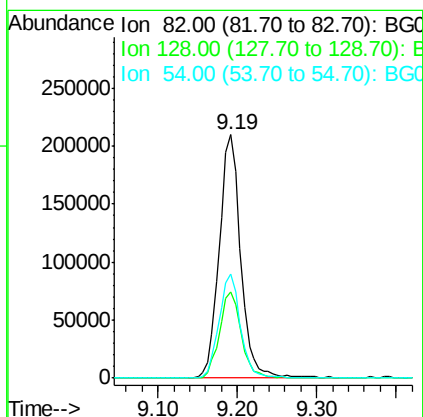
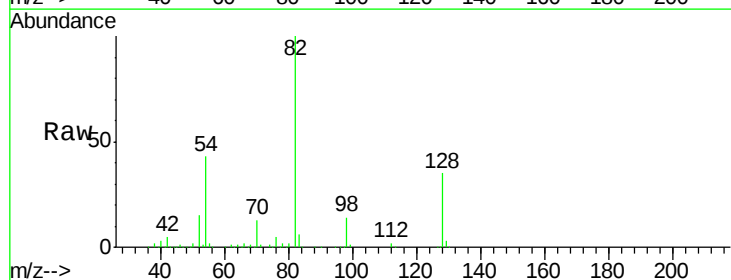
Instrument :
BNA_G
ClientSampleId :
SB6-12-7

Tgt Ion:	136	Resp:	169138
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	7.7	10.3	15.5#
68	3.5	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 97.756 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

Tgt Ion:	82	Resp:	395797
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	42.9	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

Instrument :

BNA_G

ClientSampleId :

SB6-12-7

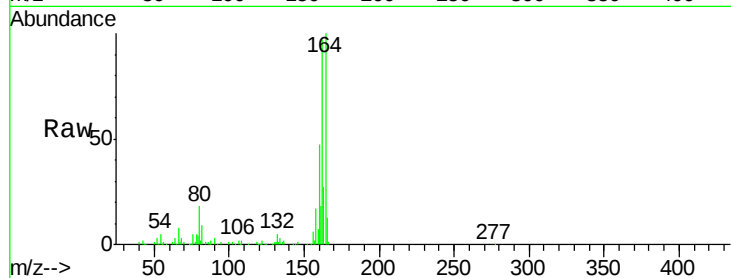
Tgt Ion:164 Resp: 117630

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

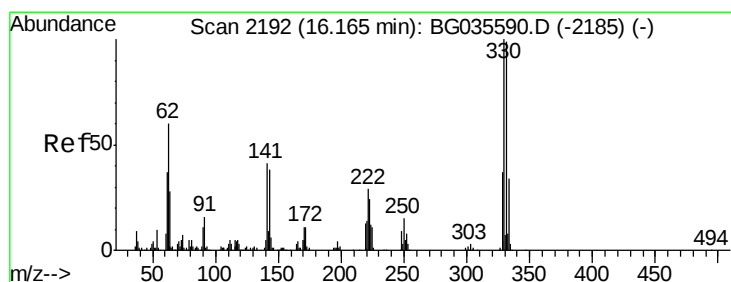
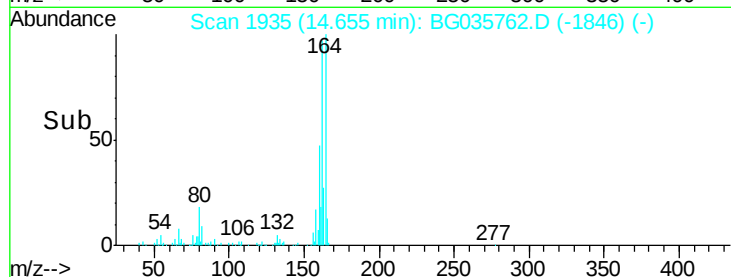
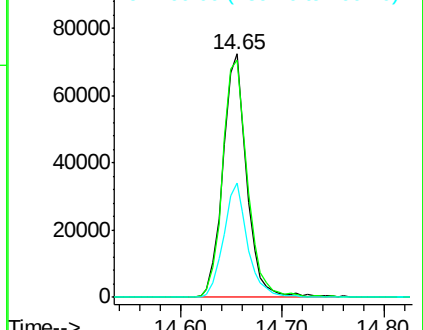
160 46.9 35.4 53.0



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: 165.706 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

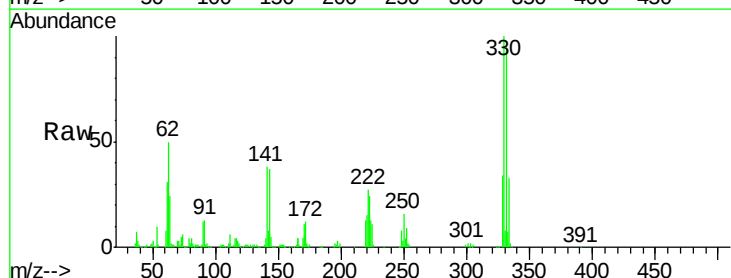
Tgt Ion:330 Resp: 256917

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

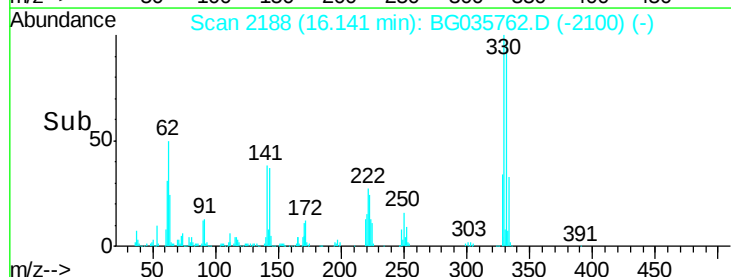
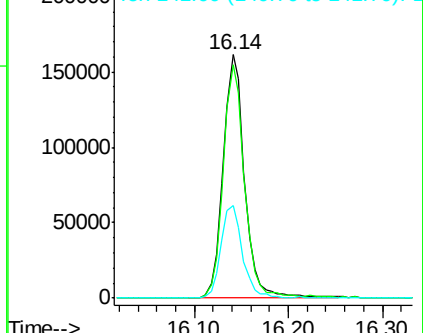
141 38.4 25.2 37.8#

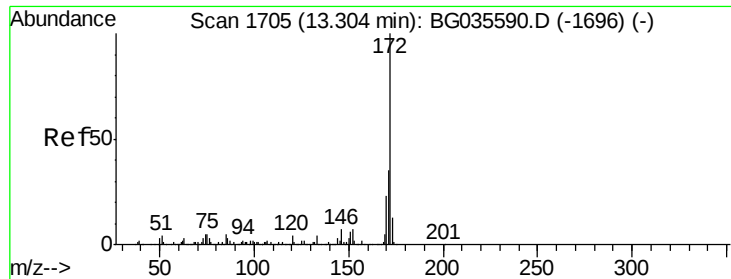


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

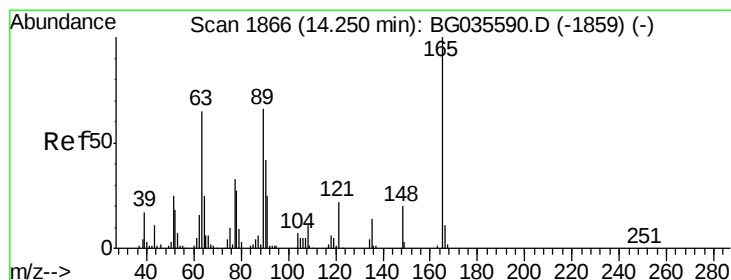
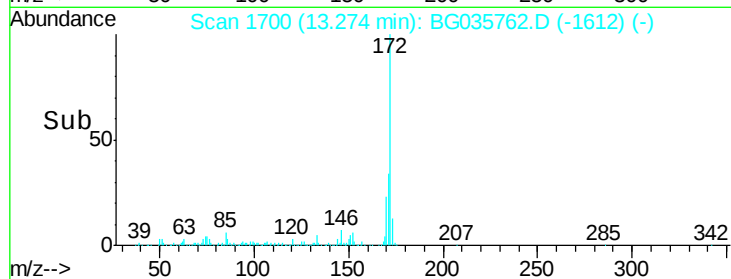
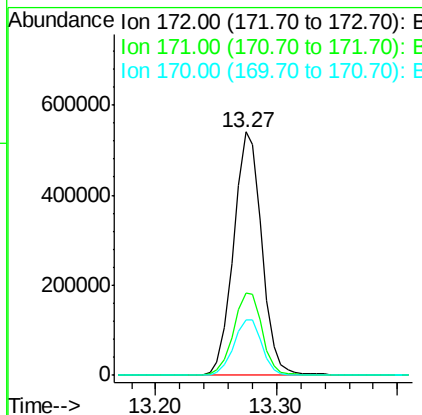
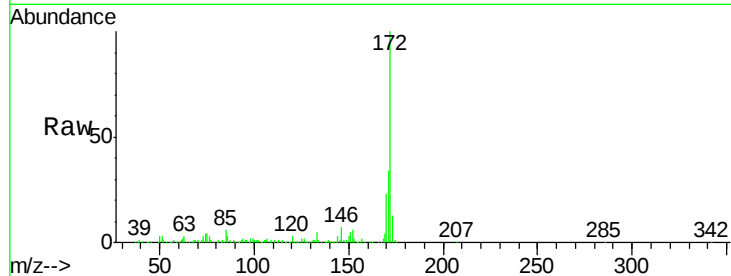




#44
 2-Fluorobiphenyl
 Concen: 100.351 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035762.D
 Acq: 19 Jul 2018 23:23

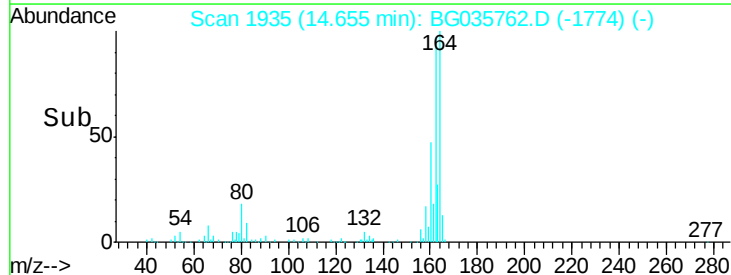
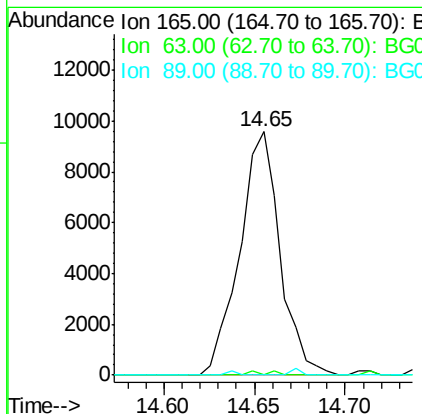
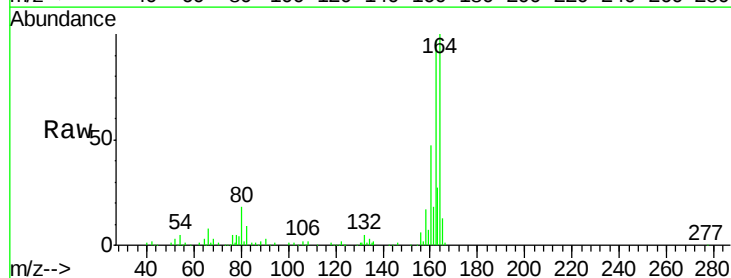
Instrument :
 BNA_G
 ClientSampleId :
 SB6-12-7

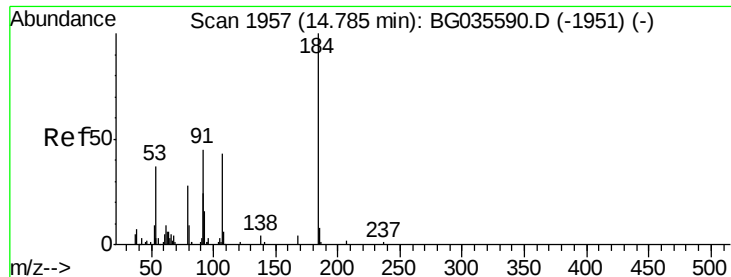
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.054 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. 0.42 min
 Lab File: BG035762.D
 Acq: 19 Jul 2018 23:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

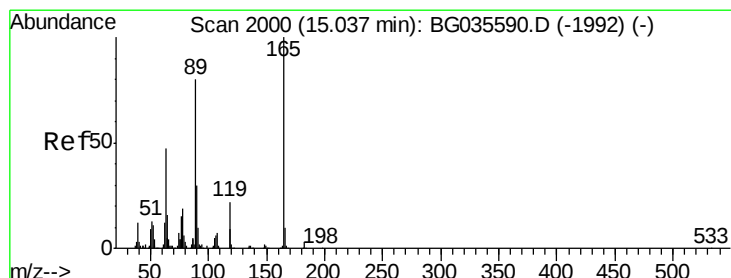
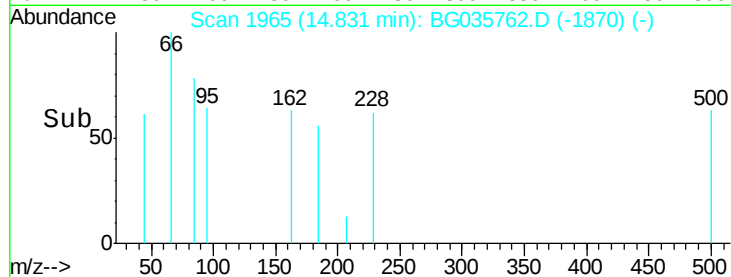
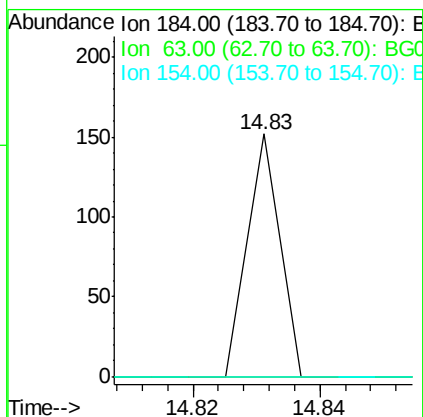
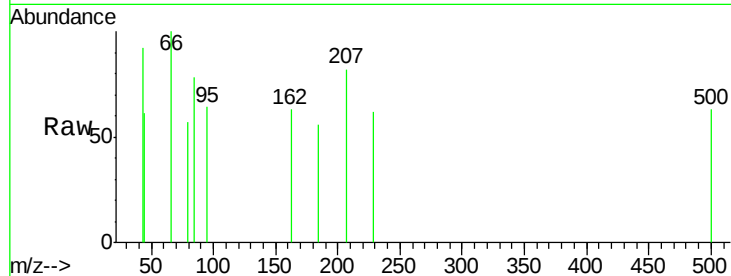




#53
2,4-Dinitrophenol
Concen: 6.628 ng
RT: 14.83 min Scan# 1965
Delta R.T. 0.03 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

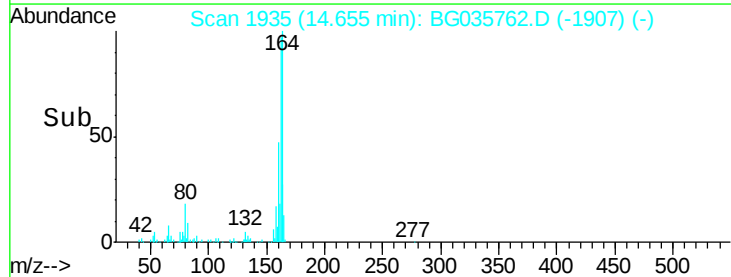
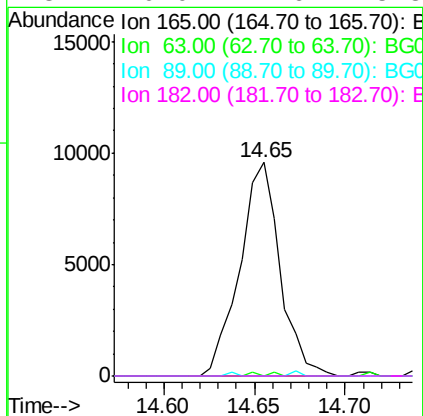
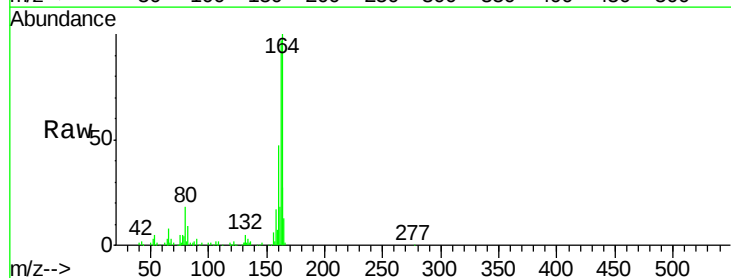
Instrument :
BNA_G
ClientSampleId :
SB6-12-7

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 4.917 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

Tgt Ion:165 Resp: 14805
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#

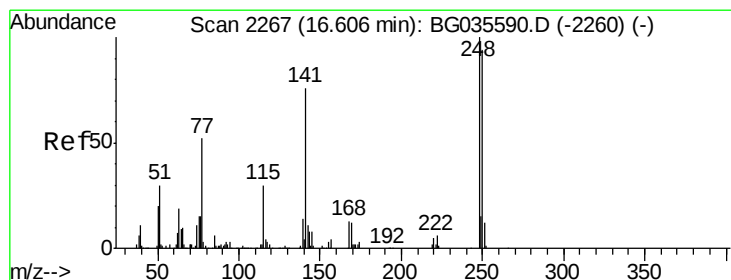
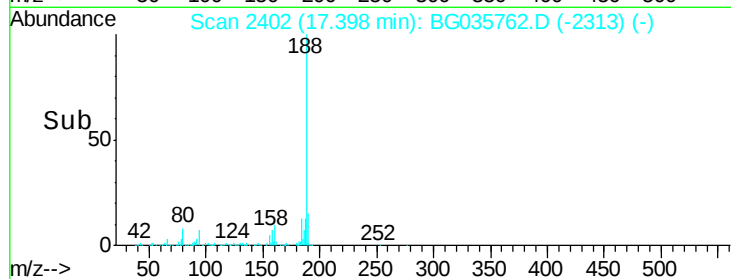
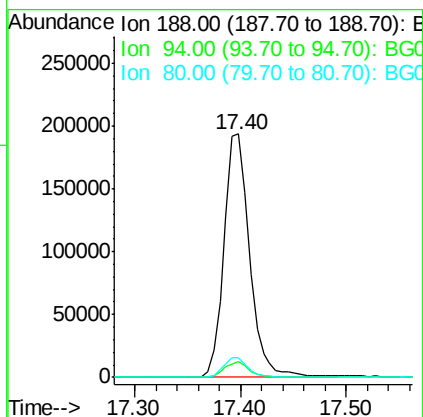
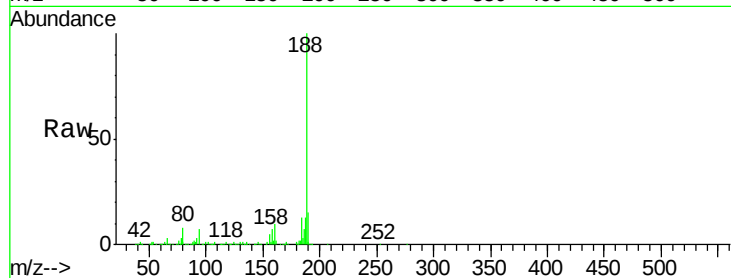




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

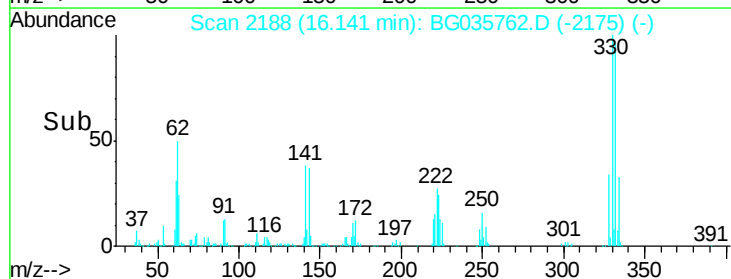
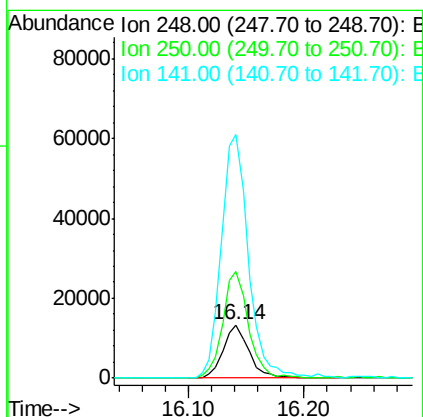
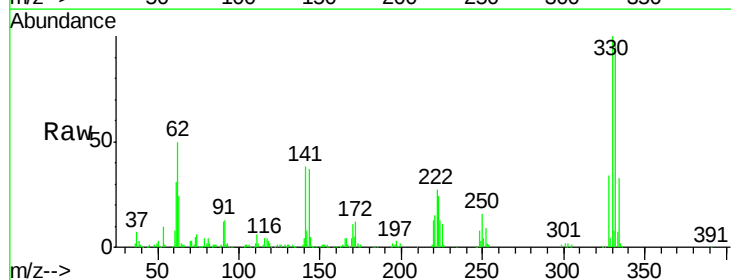
Instrument :
BNA_G
ClientSampled :
SB6-12-7

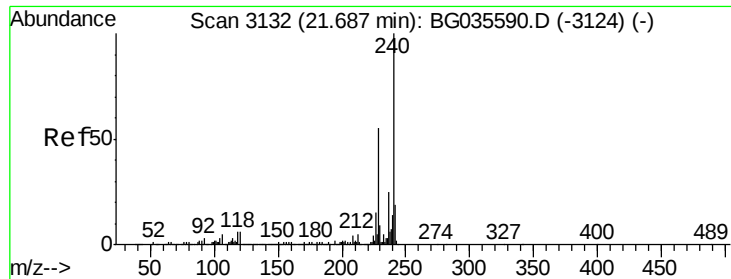
Tgt Ion:188 Resp: 327084
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 8.3 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.487 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035762.D
Acq: 19 Jul 2018 23:23

Tgt Ion:248 Resp: 20820
Ion Ratio Lower Upper
248 100
250 199.7 77.1 115.7#
141 457.7 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

Instrument :

BNA_G

ClientSampleId :

SB6-12-7

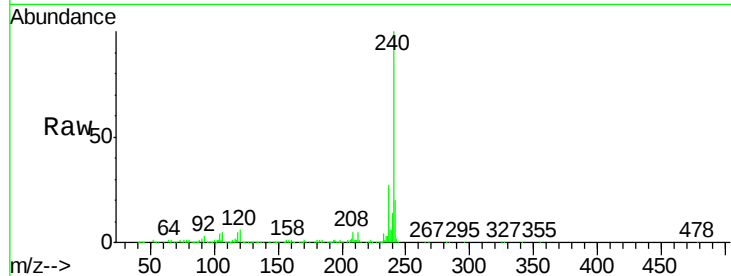
Tgt Ion:240 Resp: 390586

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

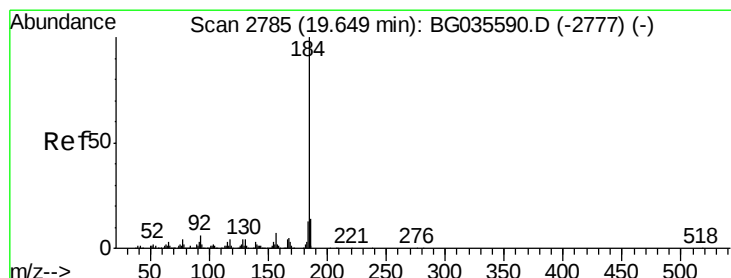
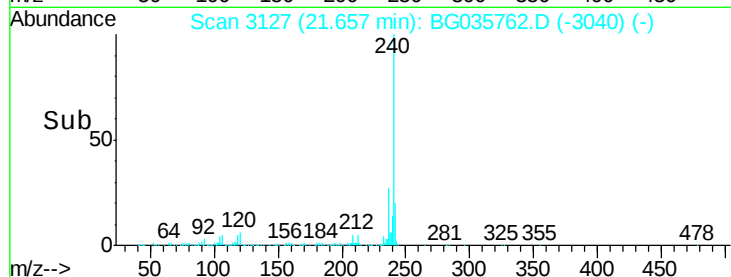
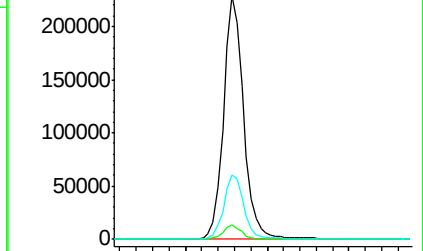
236 26.7 20.9 31.3



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: 3.241 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.37 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

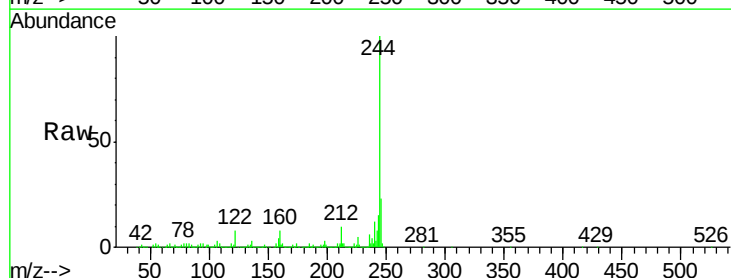
Tgt Ion:184 Resp: 33281

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

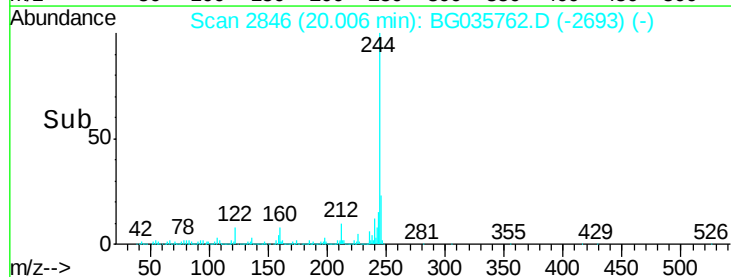
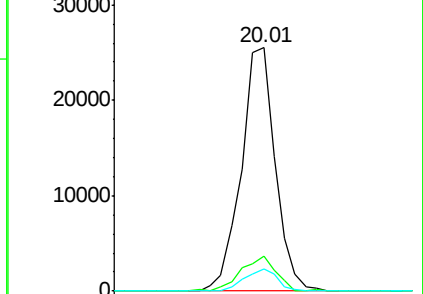
183 8.9 10.6 16.0#

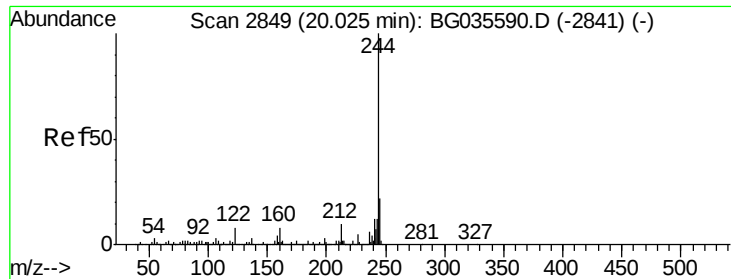


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 101.565 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

Instrument :

BNA_G

ClientSampleId :

SB6-12-7

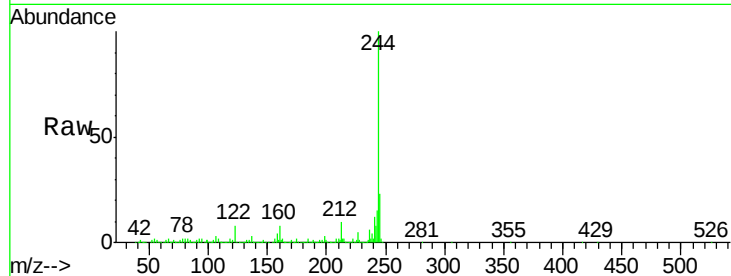
Tgt Ion:244 Resp: 1799661

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

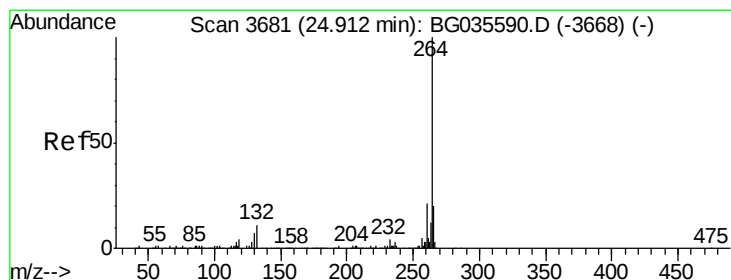
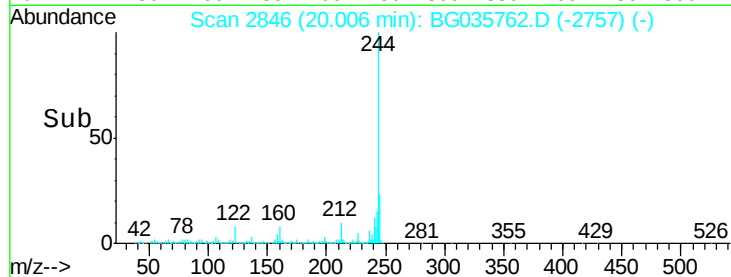
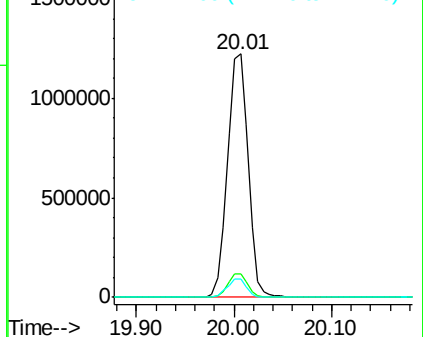
122 7.5 7.0 10.4



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# 3672

Delta R.T. -0.02 min

Lab File: BG035762.D

Acq: 19 Jul 2018 23:23

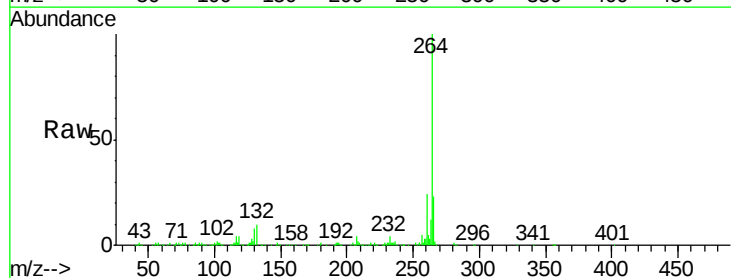
Tgt Ion:264 Resp: 363198

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.7 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

