

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035935.D
 Acq On : 27 Jul 2018 13:29
 Operator : JU/SJ
 Sample : PB111458TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 14:50:44 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 25 11:04:14 2018
 Response via : Initial Calibration

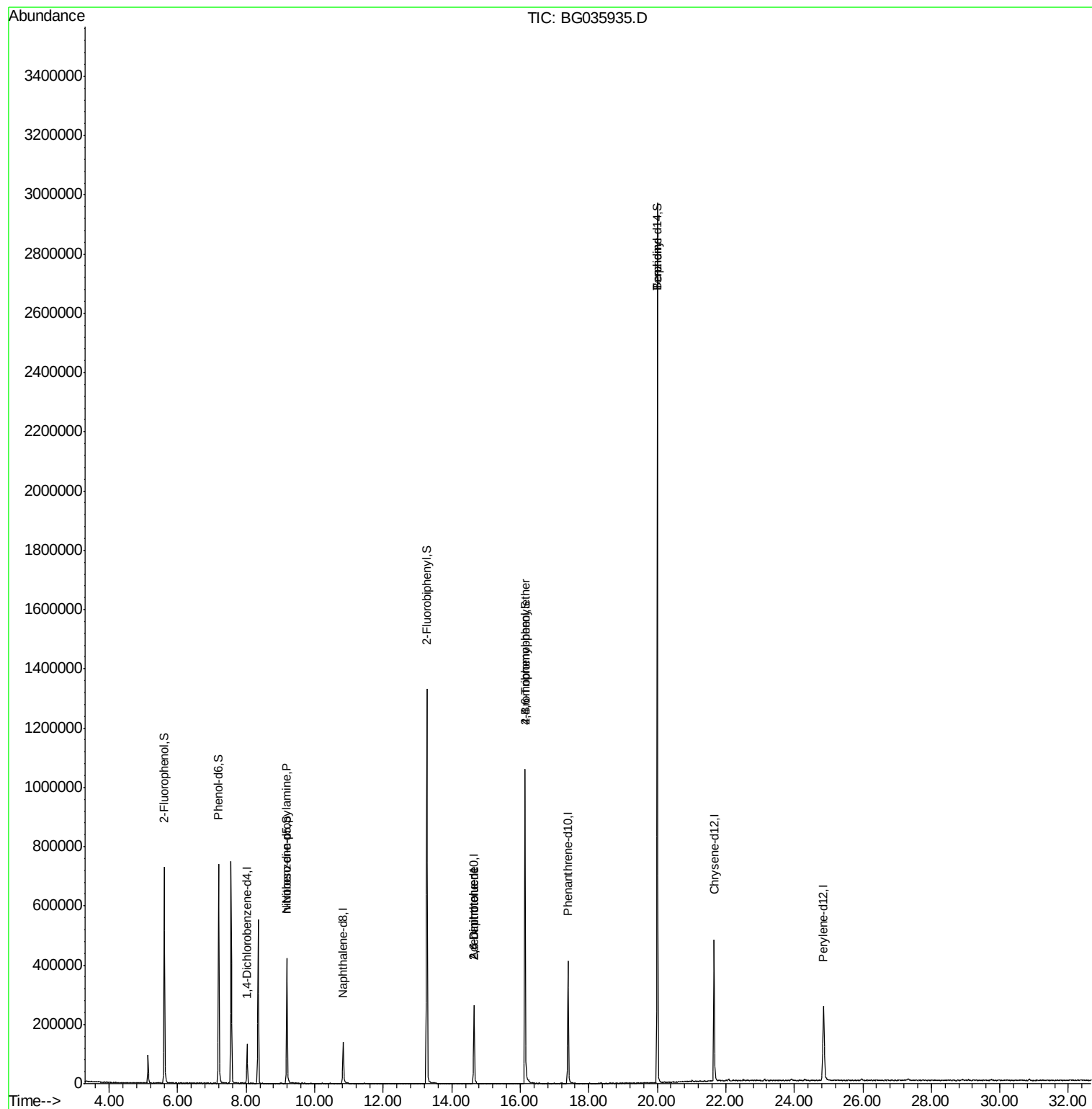
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37377	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	137911	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104913	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	299283	20.00	ng	0.00
75) Chrysene-d12	21.65	240	329814	20.00	ng	0.00
86) Perylene-d12	24.86	264	303320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	324391	144.09	ng	0.00
7) Phenol-d6	7.19	99	469292	139.71	ng	0.00
23) Nitrobenzene-d5	9.19	82	296306	89.75	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	204607	147.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	741299	94.66	ng	0.00
78) Terphenyl-d14	20.00	244	1485834	99.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	40288	14.244	ng	# 64
50) 2,6-Dinitrotoluene	14.65	165	13988	7.473	ng	# 22
56) 2,4-Dinitrotoluene	14.65	165	13988	5.209	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	17118	4.930	ng	# 1
76) Benzidine	20.00	184	25864	2.983	ng	# 91

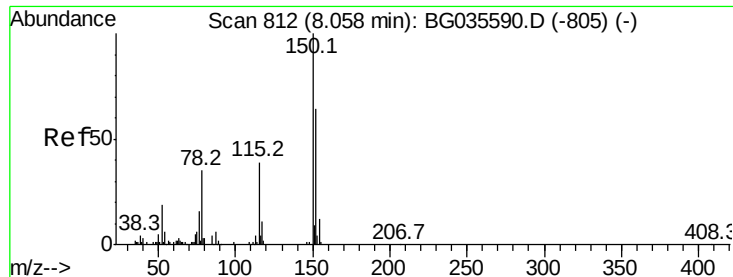
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 27 14:50:44 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 25 11:04:14 2018
Response via : Initial Calibration



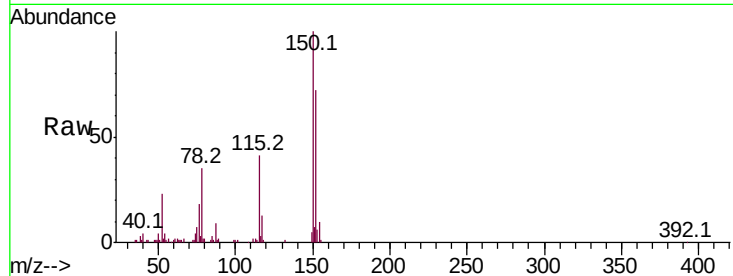


#1

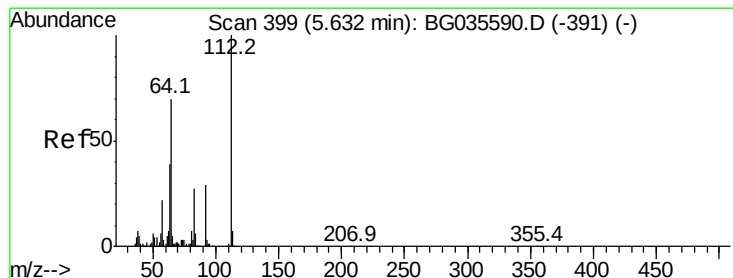
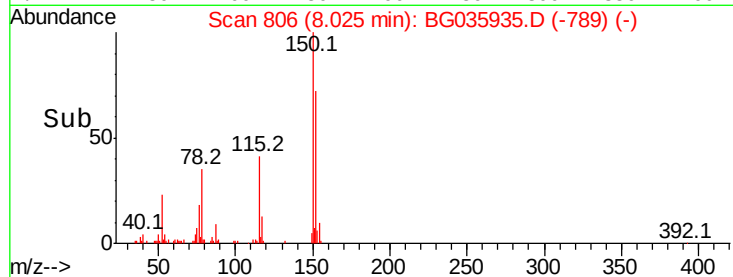
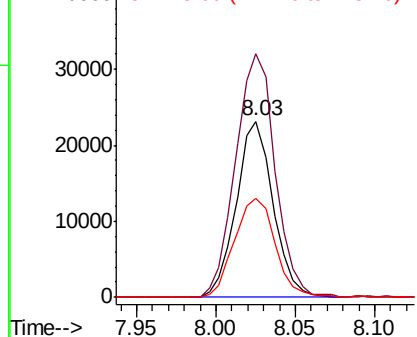
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37377
Ion Ratio Lower Upper
152 100
150 138.2 126.6 189.8
115 56.3 53.0 79.4



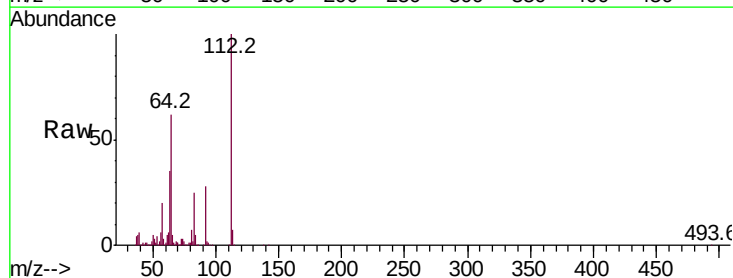
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



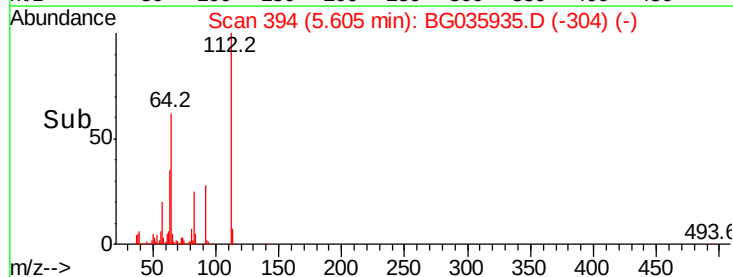
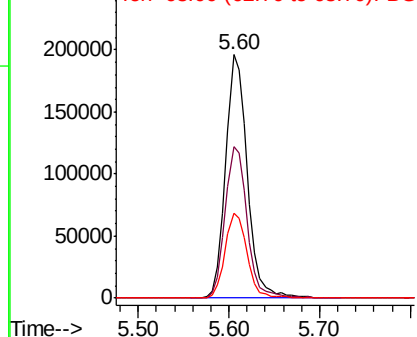
#5

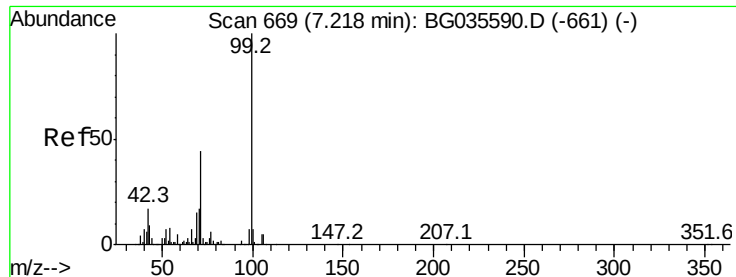
2-Fluorophenol
Concen: 144.090 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Tgt Ion:112 Resp: 324391
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 34.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.715 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035935.D

Acq: 27 Jul 2018 13:29

Instrument :

BNA_G

ClientSampleId :

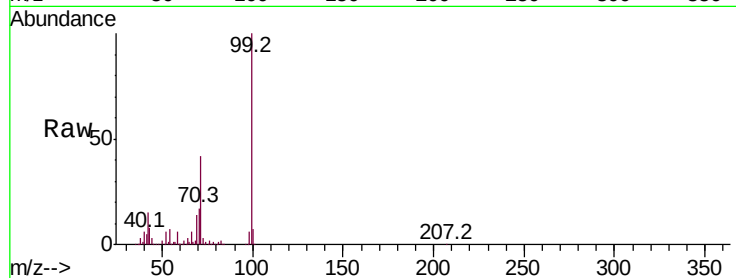
Tot Ion: 99 Resp: 469292

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

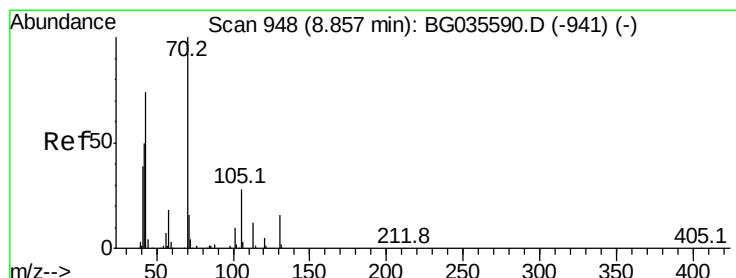
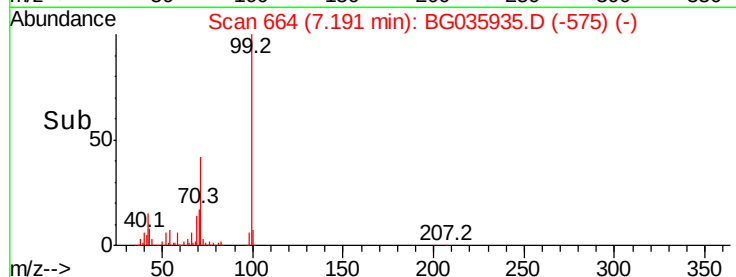
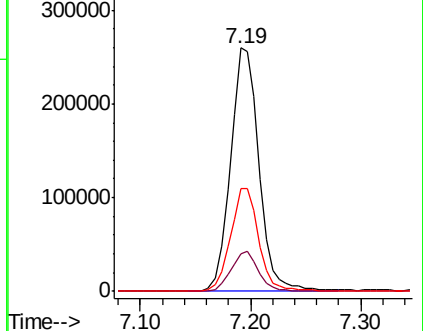
71 42.3 26.1 39.1#



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: 14.244 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035935.D

Acq: 27 Jul 2018 13:29

Tgt Ion: 70 Resp: 40288

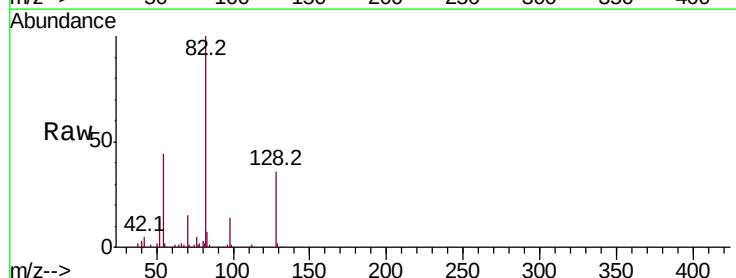
Ion Ratio Lower Upper

70 100

42 32.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.9 13.4 20.0#

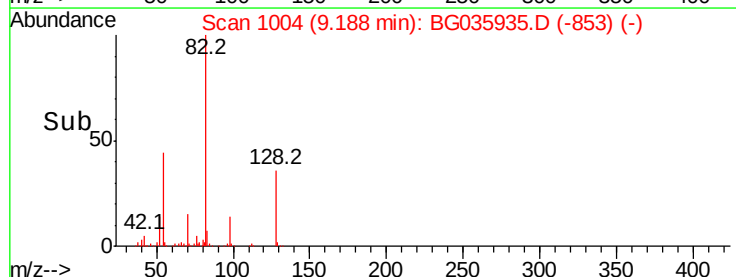
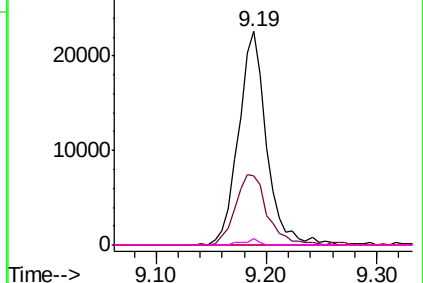


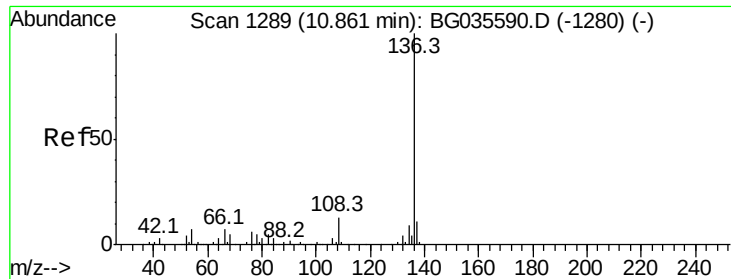
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

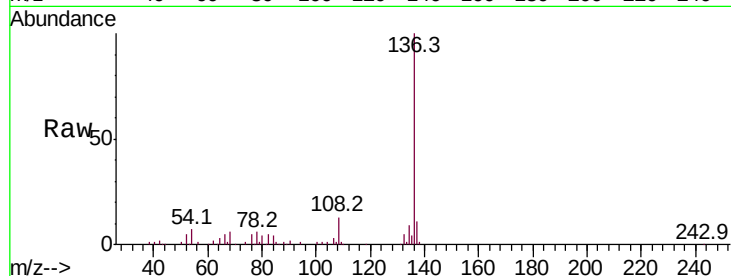




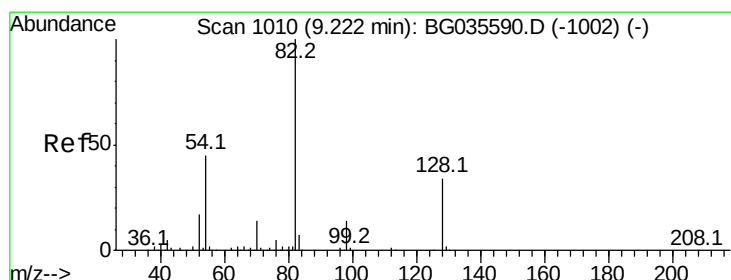
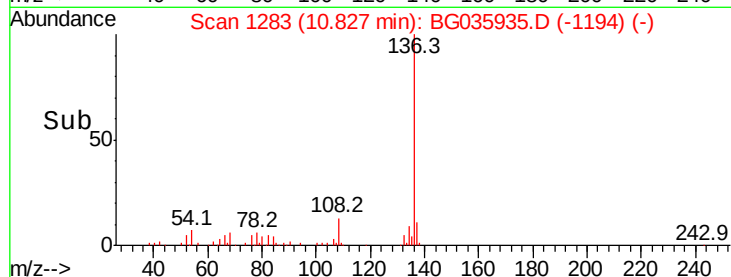
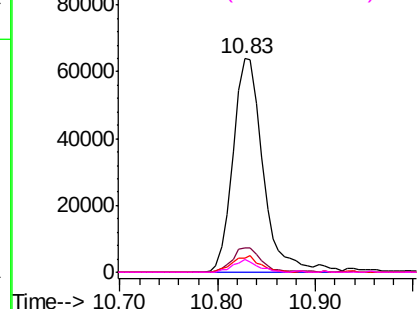
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	137911
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.8	10.3	15.5#
68	6.1	4.5	6.7

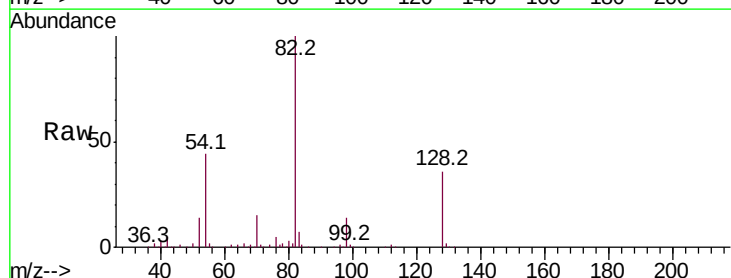


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

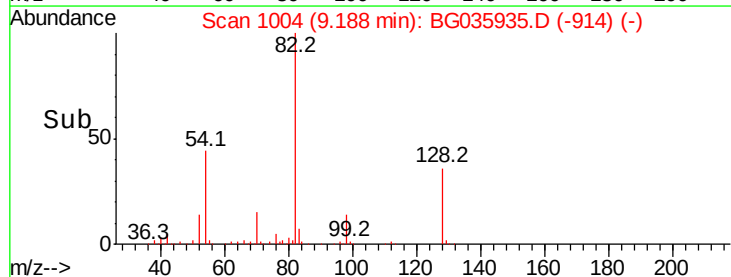
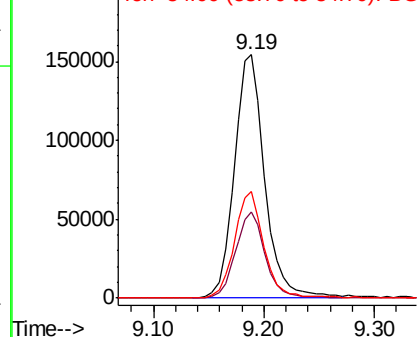


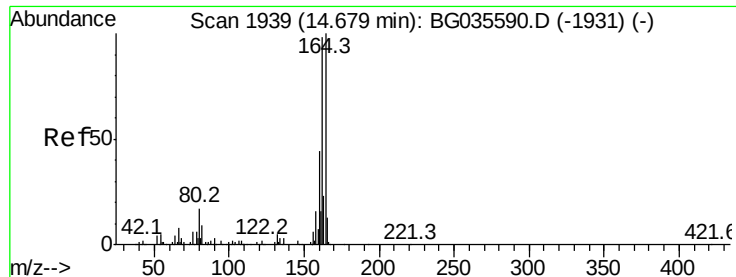
#23
Nitrobenzene-d5
Concen: 89.754 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Tgt Ion:	82	Resp:	296306
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	43.9	43.1	64.7



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: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035935.D

Acq: 27 Jul 2018 13:29

Instrument :

BNA_G

ClientSampleId :

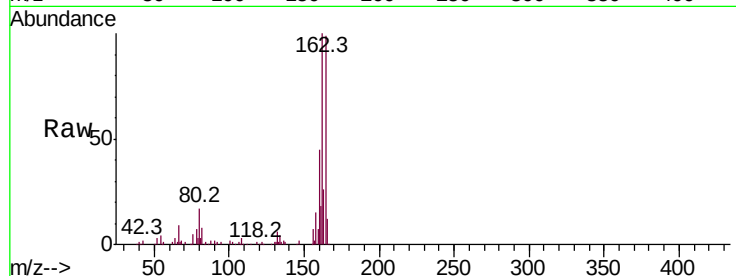
Tot Ion:164 Resp: 104913

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

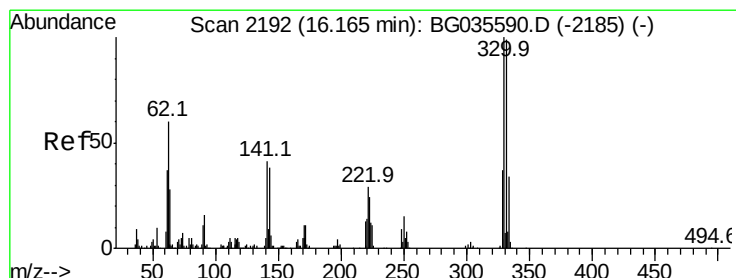
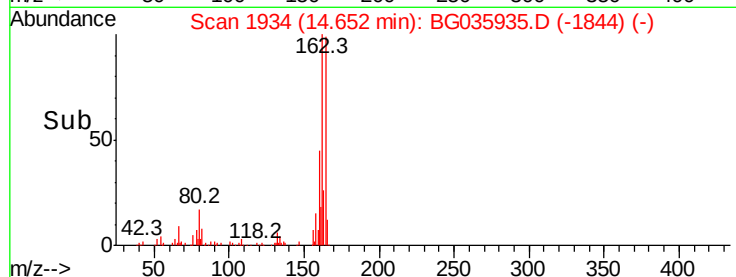
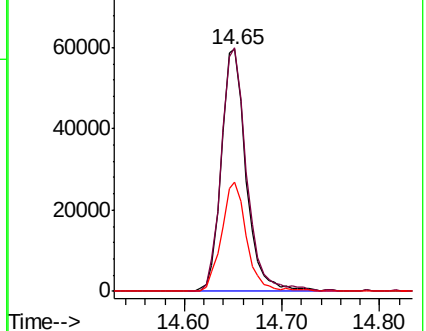
160 45.0 35.4 53.0



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: 147.963 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035935.D

Acq: 27 Jul 2018 13:29

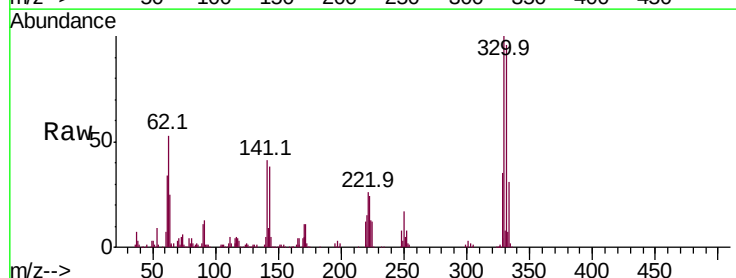
Tgt Ion:330 Resp: 204607

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

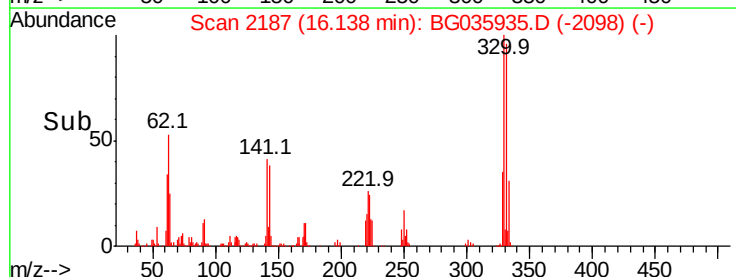
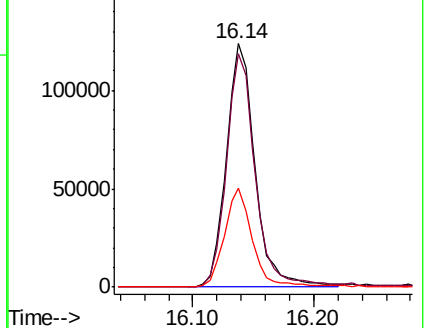
141 39.9 25.2 37.8#

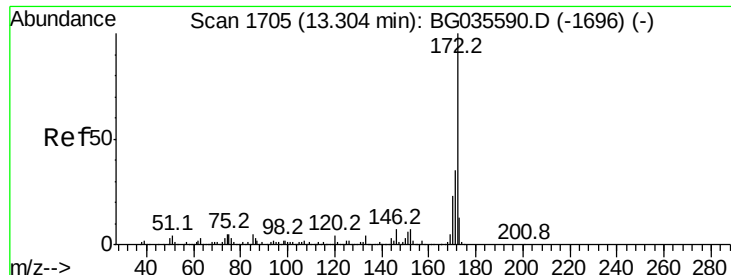


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

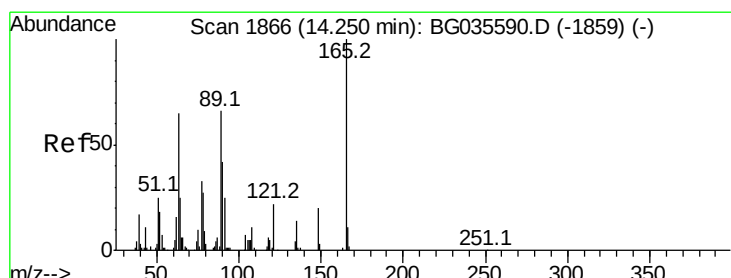
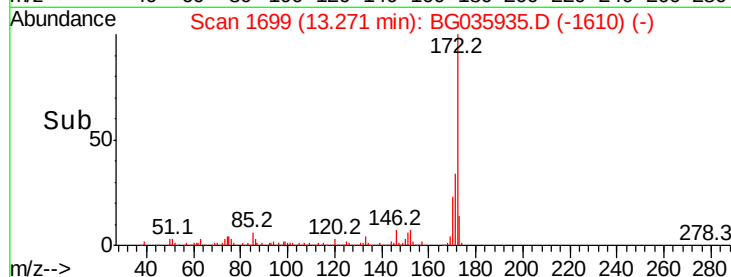
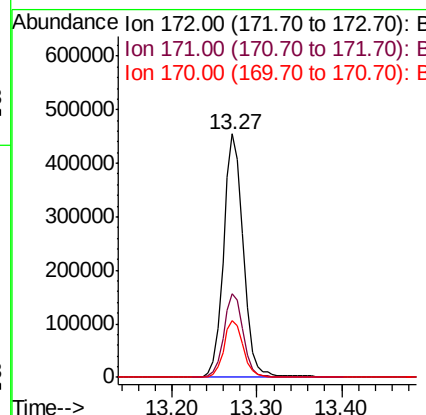
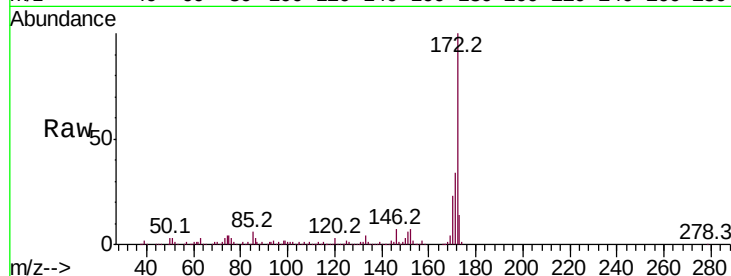




#44
2-Fluorobiphenyl
Concen: 94.664 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

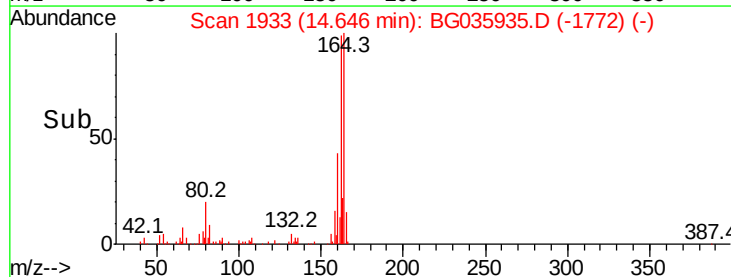
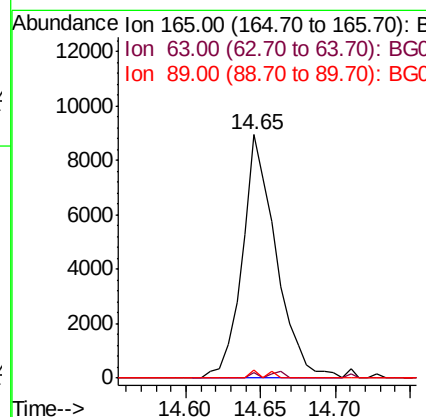
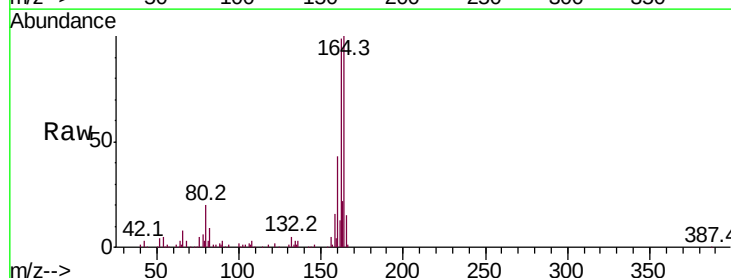
Instrument :
BNA_G
ClientSampleId :

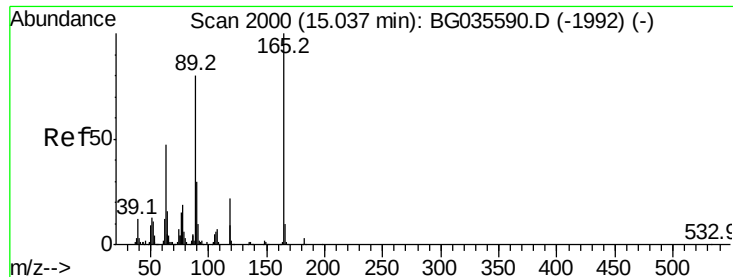
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	23.1	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 14.65 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	3.6	49.2	73.8#

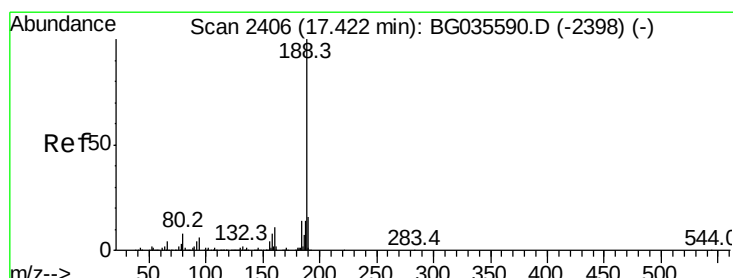
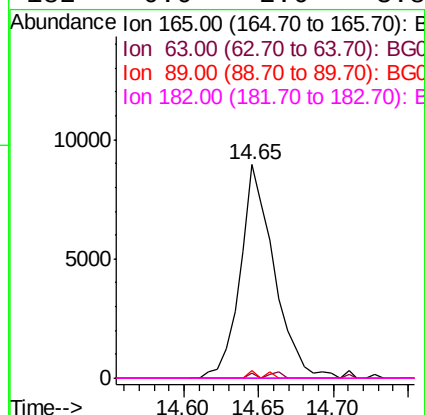
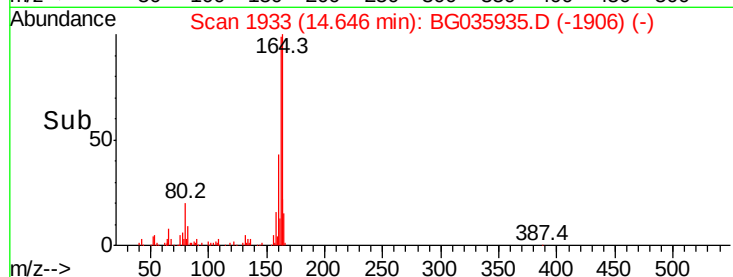
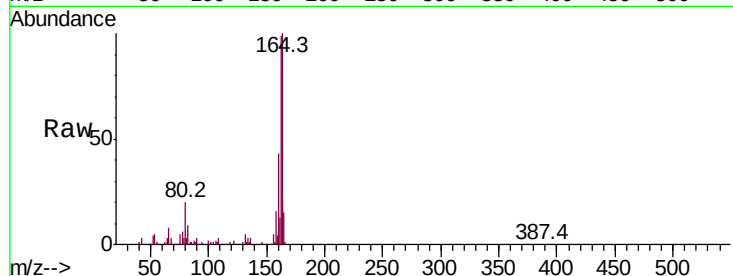




#56
 2,4-Dinitrotoluene
 Concen: 5.209 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG035935.D
 Acq: 27 Jul 2018 13:29

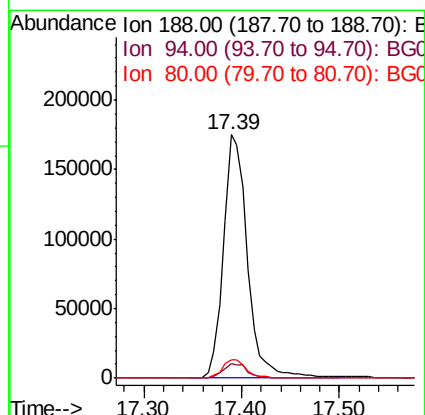
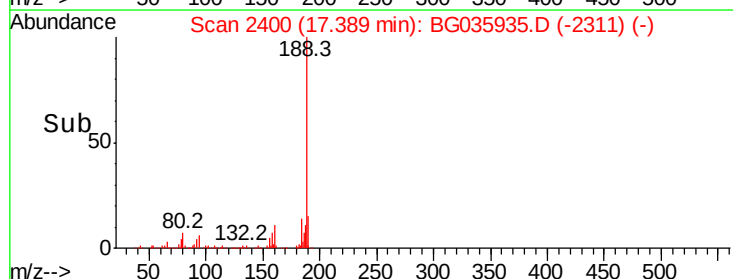
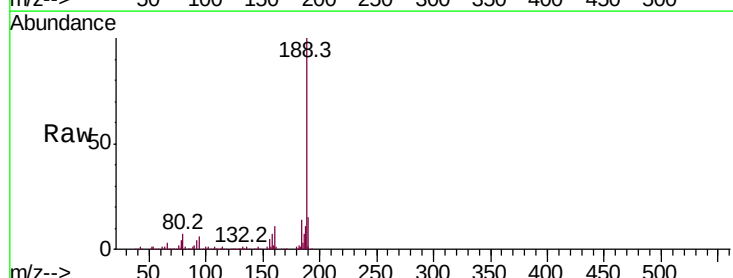
Instrument :
 BNA_G
 ClientSampled :

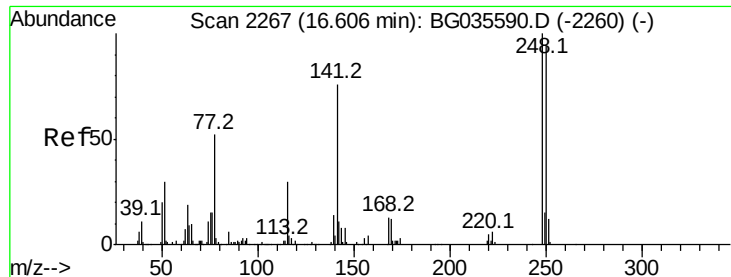
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG035935.D
 Acq: 27 Jul 2018 13:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.5	7.7	11.5#

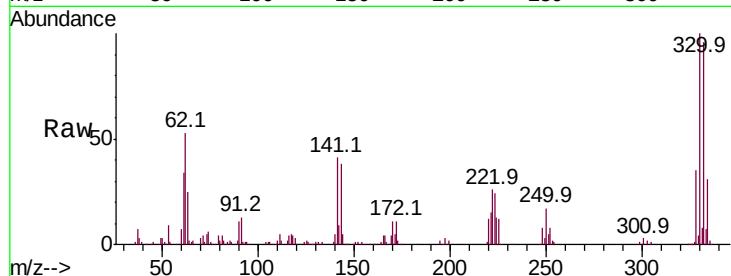




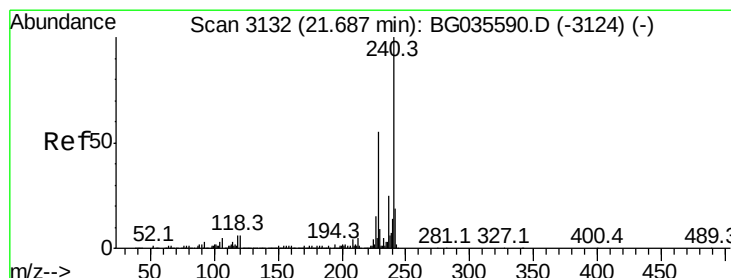
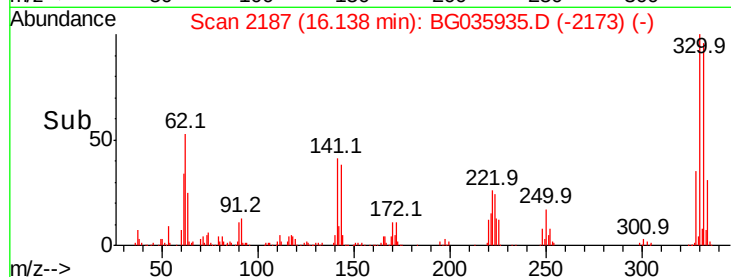
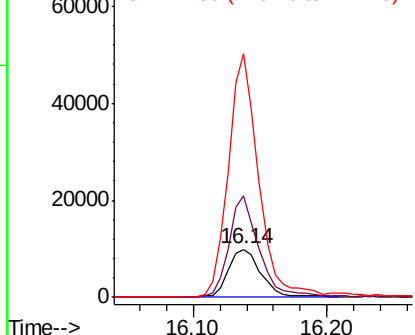
#66
4-Bromophenyl-phenylether
Concen: 4.930 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17118
Ion Ratio Lower Upper
248 100
250 211.1 77.1 115.7#
141 506.2 50.8 76.2#

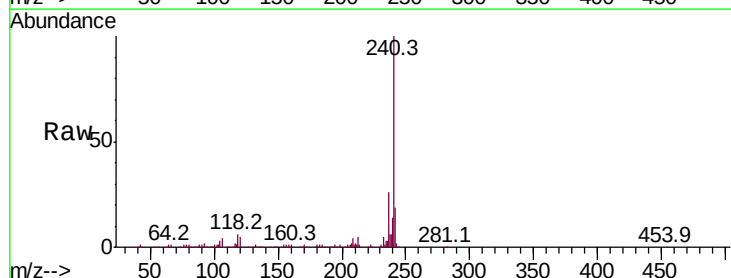


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

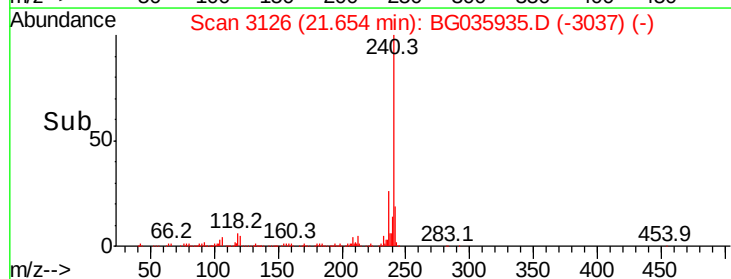
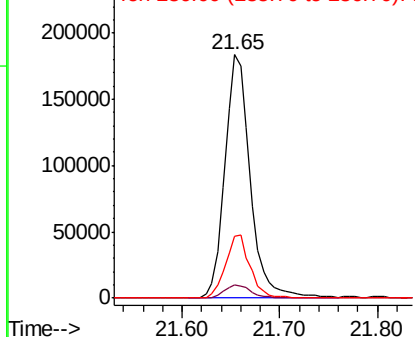


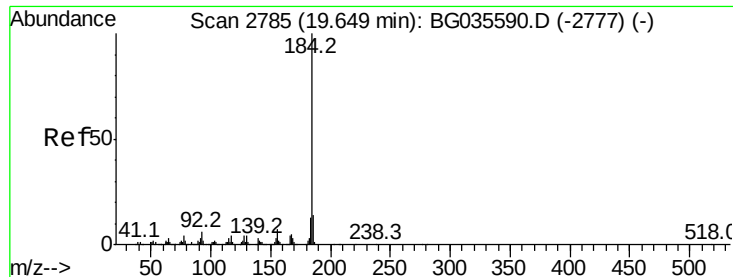
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Tgt Ion:240 Resp: 329814
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.6 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: 2.983 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035935.D

Acq: 27 Jul 2018 13:29

Instrument :

BNA_G

ClientSampleId :

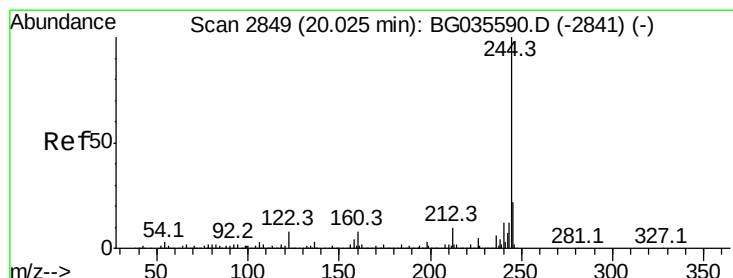
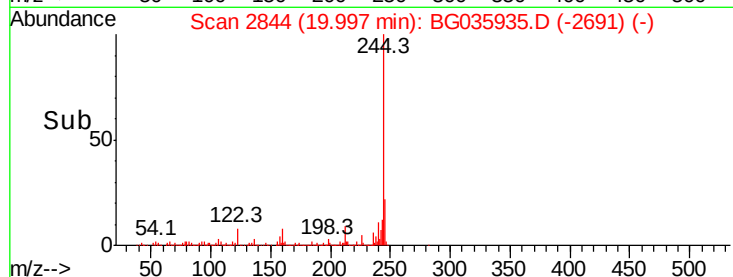
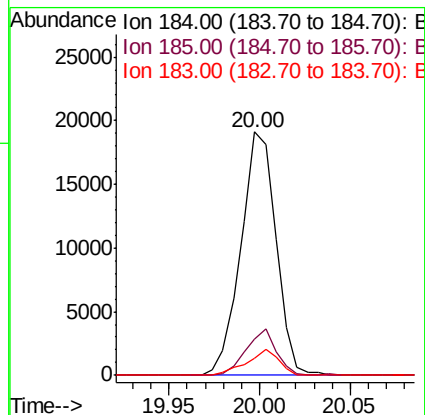
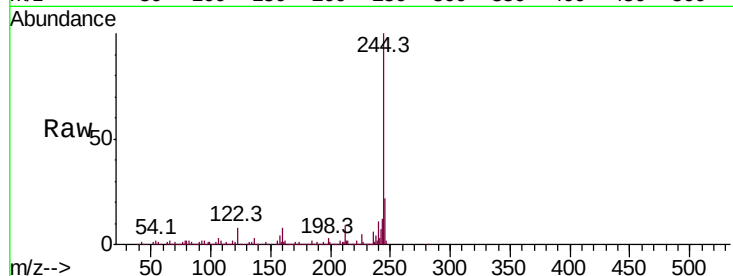
Tot Ion:184 Resp: 25864

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

183 6.8 10.6 16.0#



#78

Terphenyl-d14

Concen: 99.305 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035935.D

Acq: 27 Jul 2018 13:29

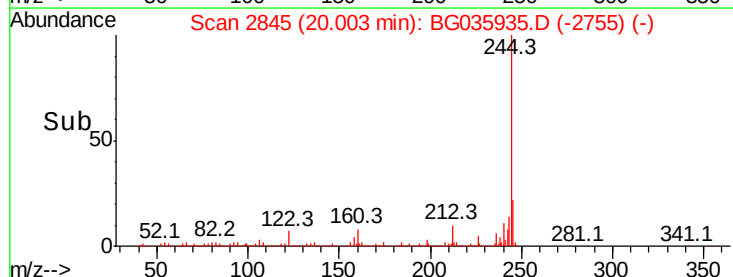
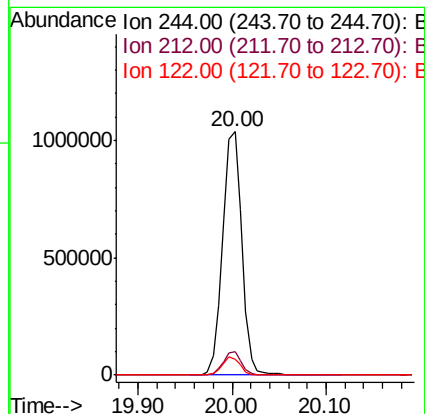
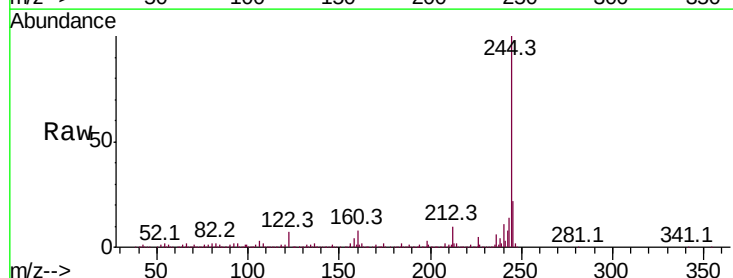
Tgt Ion:244 Resp: 1485834

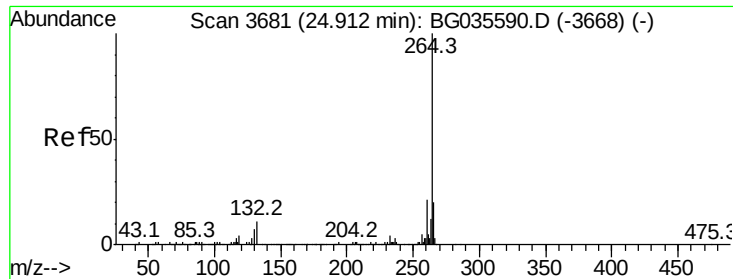
Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

122 6.6 7.0 10.4#

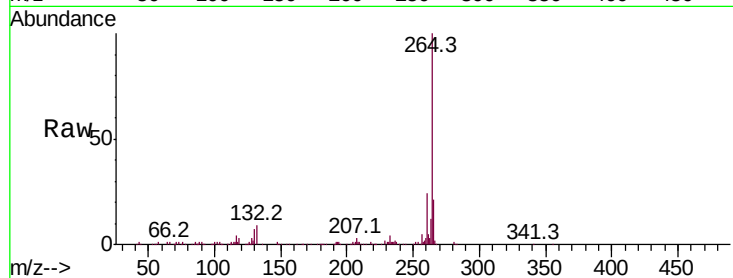




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035935.D
Acq: 27 Jul 2018 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.2	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

