

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072618\
 Data File : BG035924.D
 Acq On : 27 Jul 2018 1:04
 Operator : JU/SJ
 Sample : J4163-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 07:22:12 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

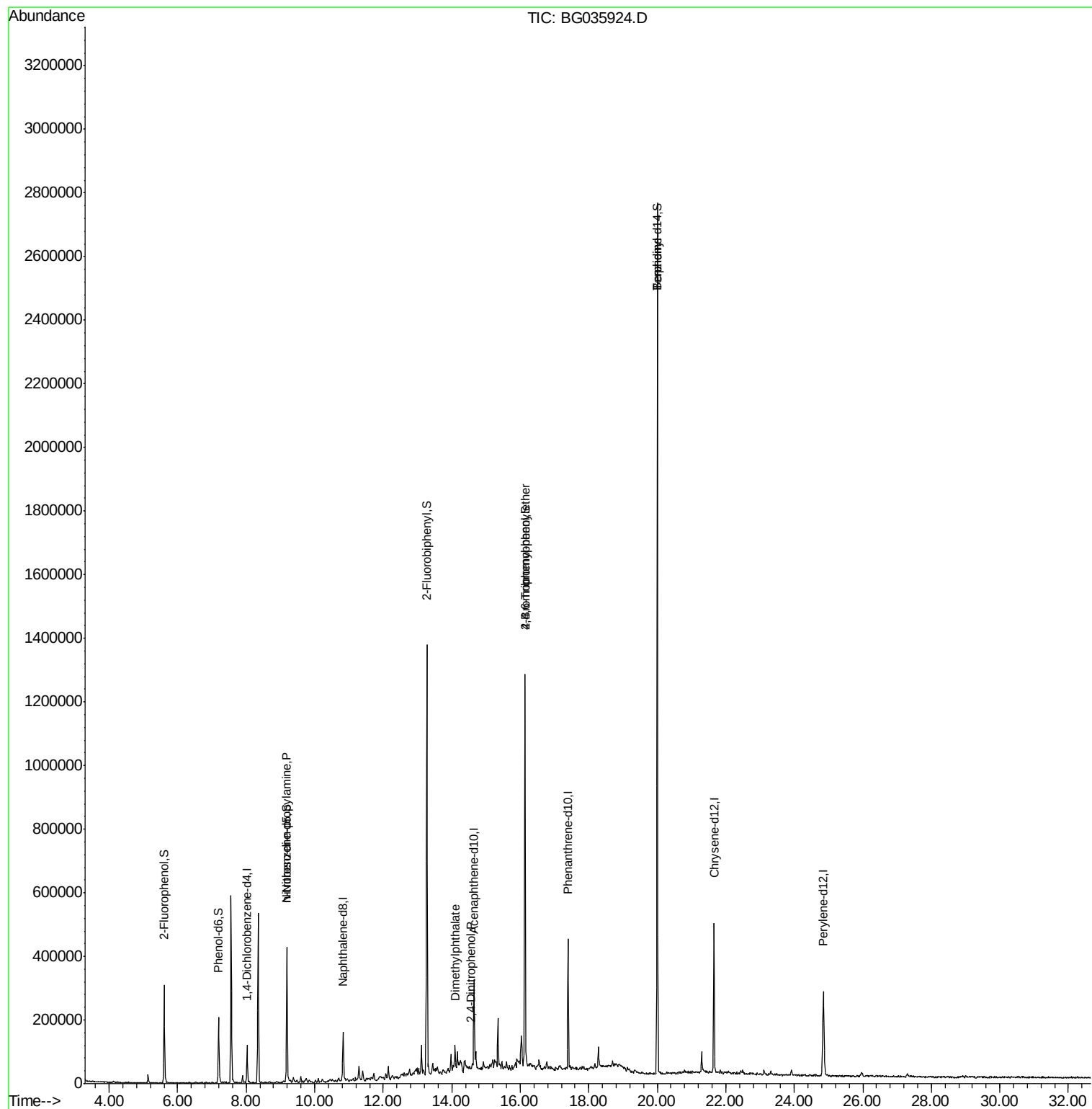
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33434	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130889	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	98636	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269759	20.00	ng	0.00
75) Chrysene-d12	21.65	240	291418	20.00	ng	0.00
86) Perylene-d12	24.85	264	282576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	138182	68.62	ng	0.00
7) Phenol-d6	7.19	99	139841	46.54	ng	0.00
23) Nitrobenzene-d5	9.19	82	296038	94.48	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	220416	169.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	703974	95.62	ng	0.00
78) Terphenyl-d14	20.00	244	1313831	99.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	41800	16.521	ng	# 71
49) Dimethylphthalate	14.09	163	52887	6.120	ng	97
53) 2,4-Dinitrophenol	14.57	184	55	6.638	ng	# 1
66) 4-Bromophenyl-phenylether	16.14	248	18460	5.898	ng	# 1
76) Benzidine	20.00	184	22746	2.969	ng	# 94

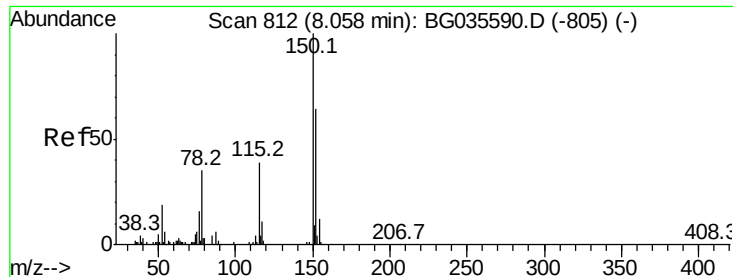
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 27 07:22:12 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



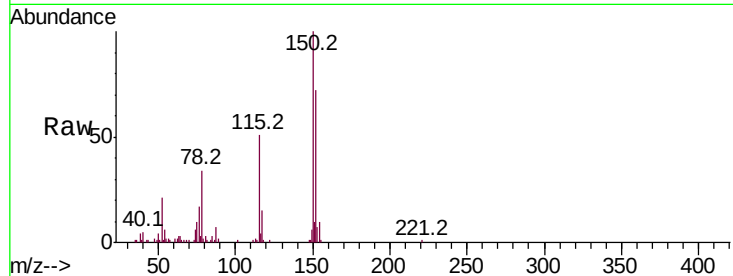


#1

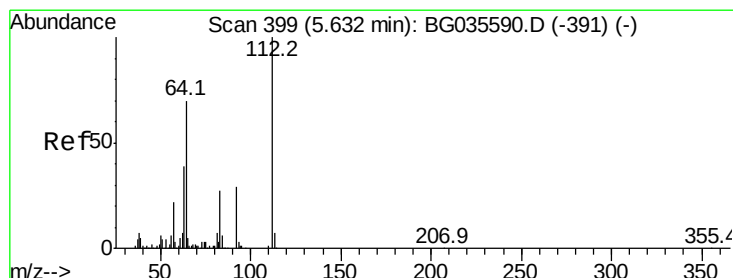
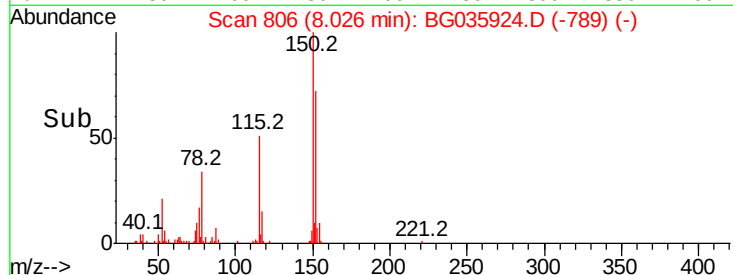
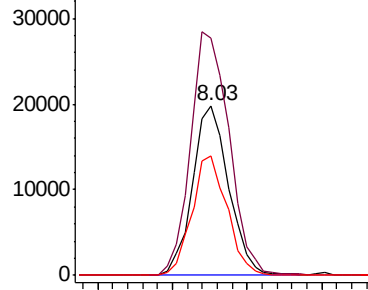
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.8	126.6	189.8
115	70.7	53.0	79.4



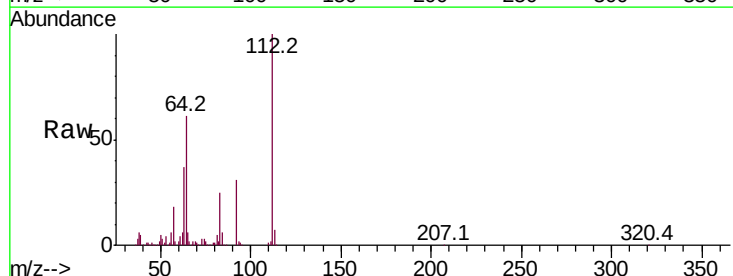
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



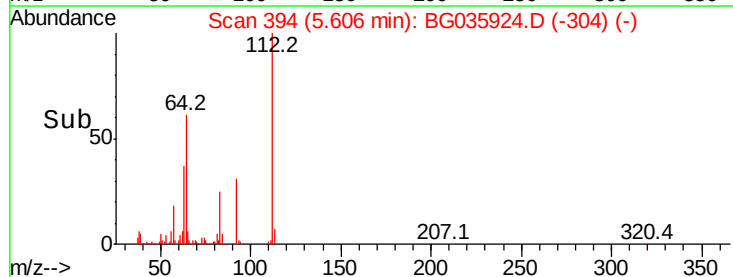
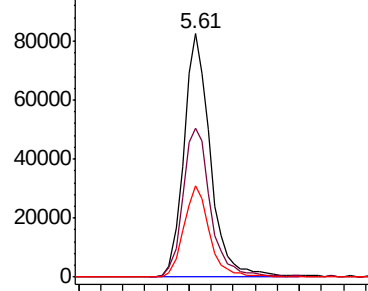
#5

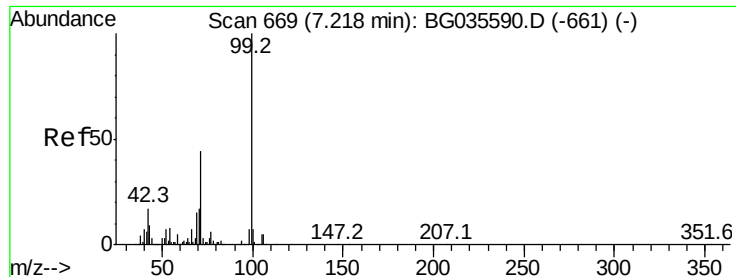
2-Fluorophenol
Concen: 68.617 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	37.4	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: 46.543 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035924.D

Acq: 27 Jul 2018 1:04

Instrument :

BNA_G

ClientSampled :

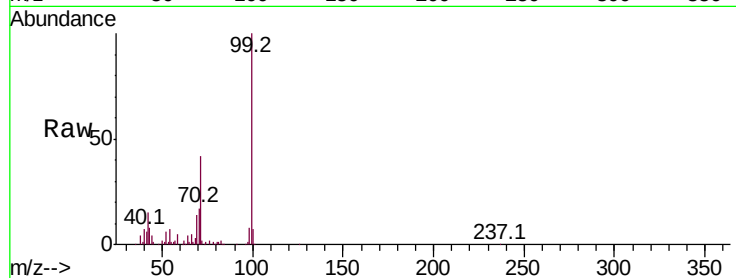
Tot Ion: 99 Resp: 139841

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

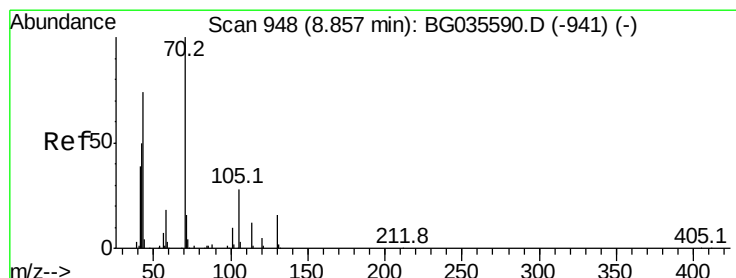
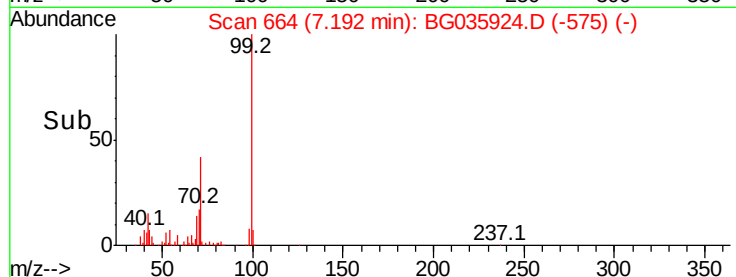
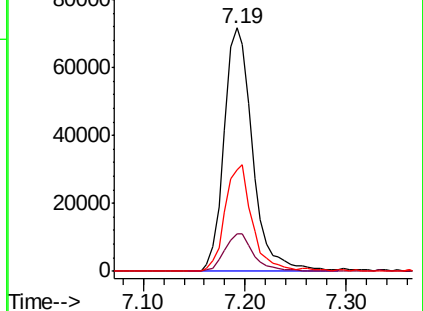
71 42.0 26.1 39.1#



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: 16.521 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG035924.D

Acq: 27 Jul 2018 1:04

Tgt Ion: 70 Resp: 41800

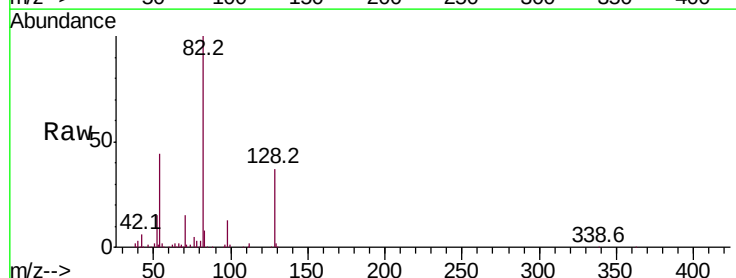
Ion Ratio Lower Upper

70 100

42 39.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

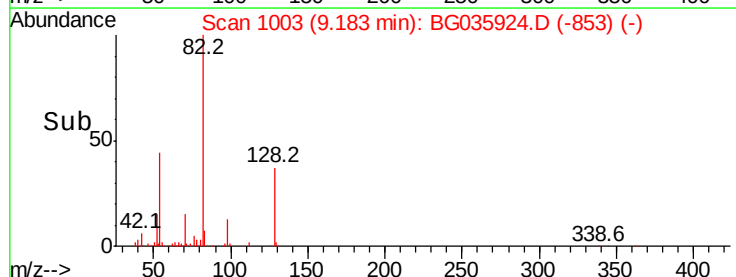
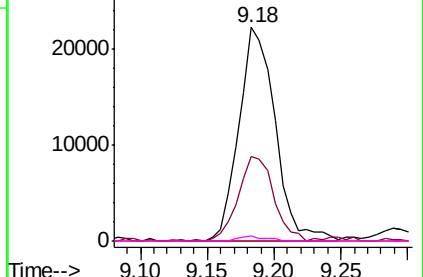


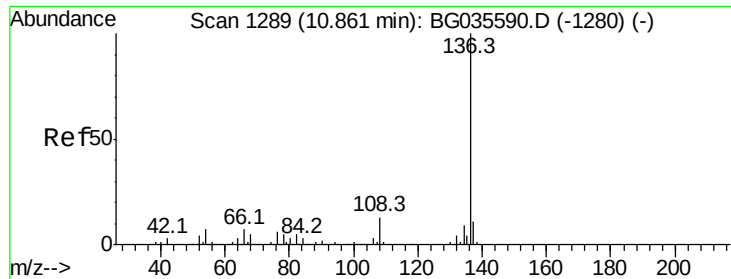
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

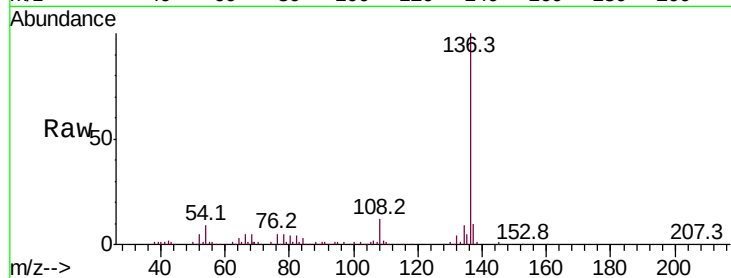




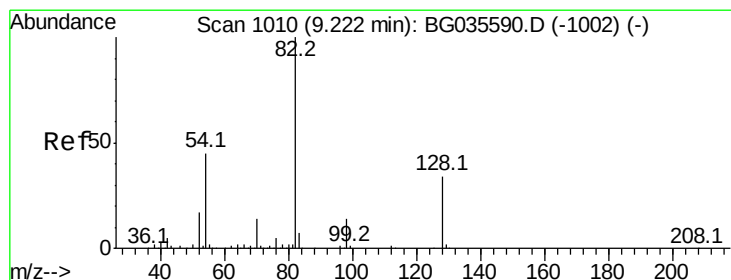
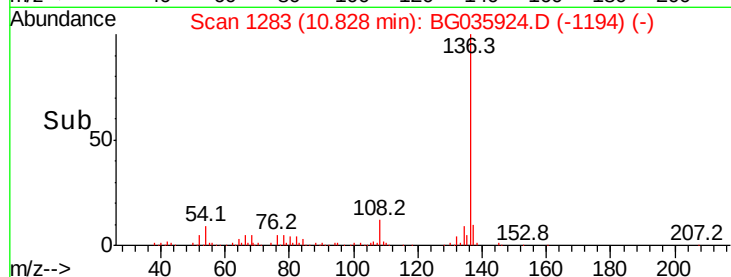
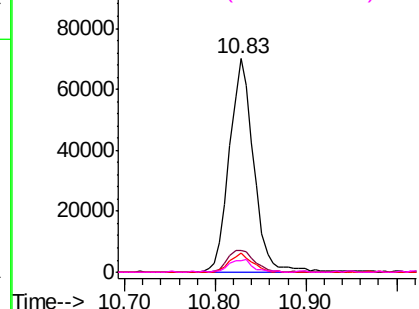
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	130889
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	8.8	10.3	15.5#
68	5.2	4.5	6.7

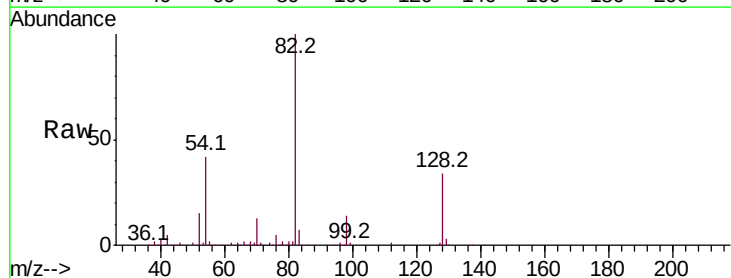


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

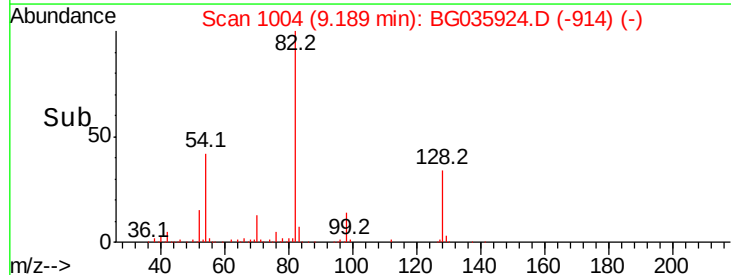
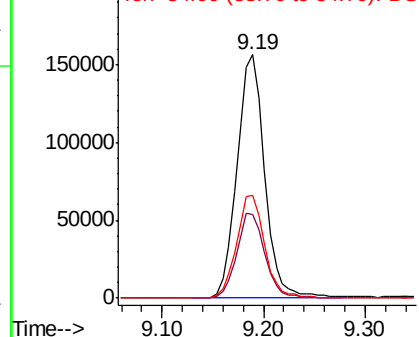


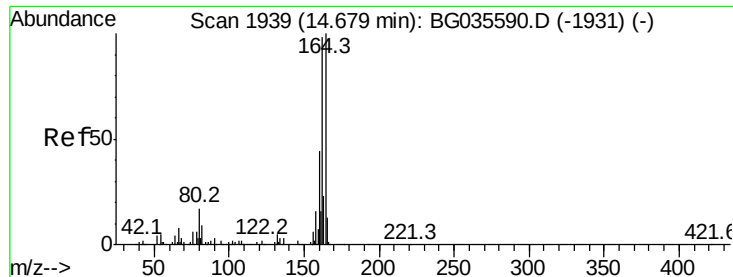
#23
Nitrobenzene-d5
Concen: 94.484 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

Tgt Ion:	82	Resp:	296038
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	42.3	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# 1933

Delta R.T. -0.00 min

Lab File: BG035924.D

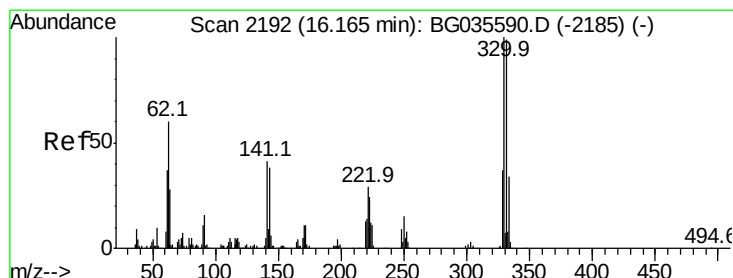
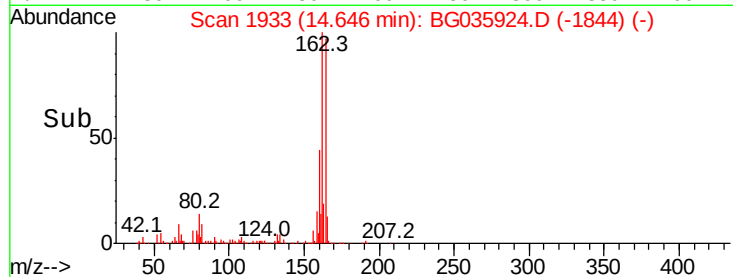
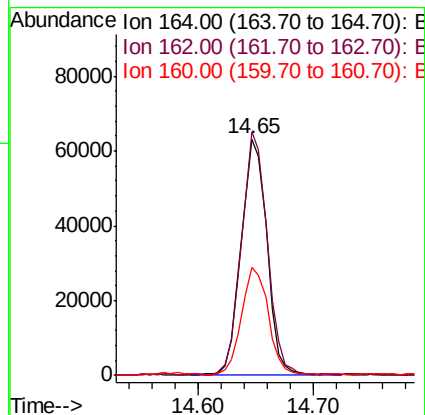
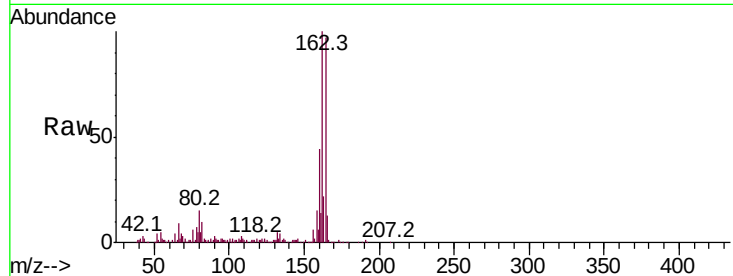
Acq: 27 Jul 2018 1:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	98636
Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	45.7	35.4	53.0



#41

2,4,6-Tribromophenol

Concen: 169.540 ng

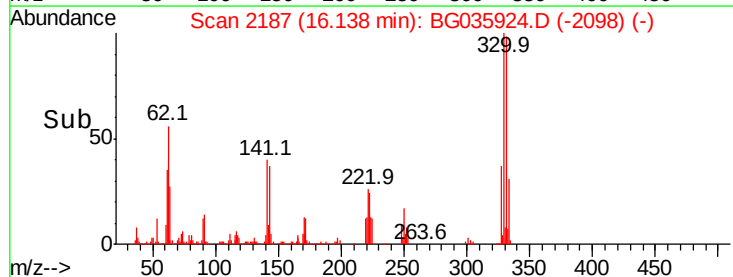
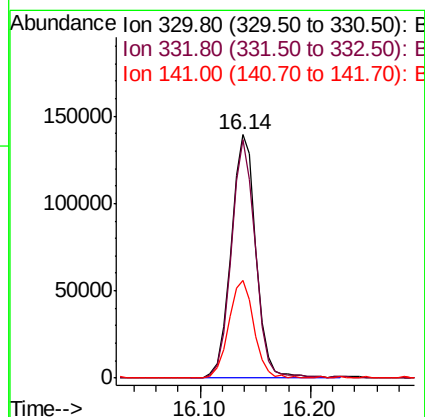
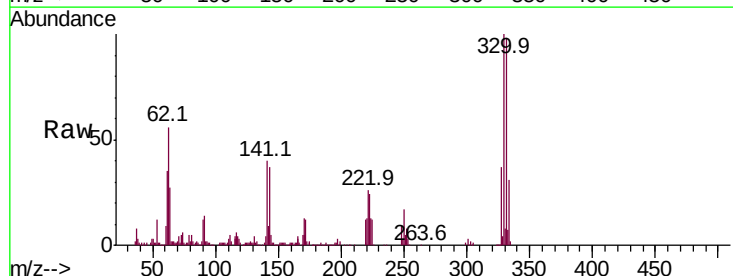
RT: 16.14 min Scan# 2187

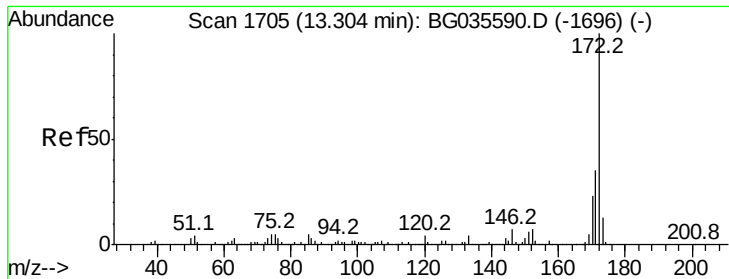
Delta R.T. -0.00 min

Lab File: BG035924.D

Acq: 27 Jul 2018 1:04

Tgt Ion:	330	Resp:	220416
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	40.0	25.2	37.8#

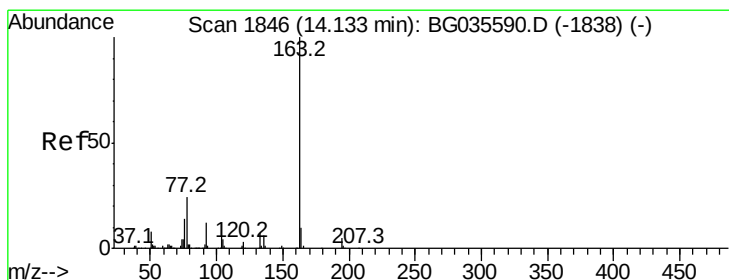
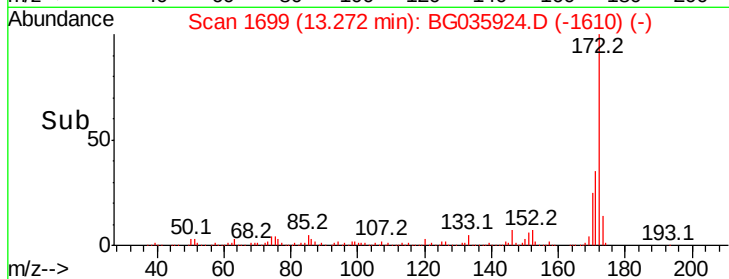
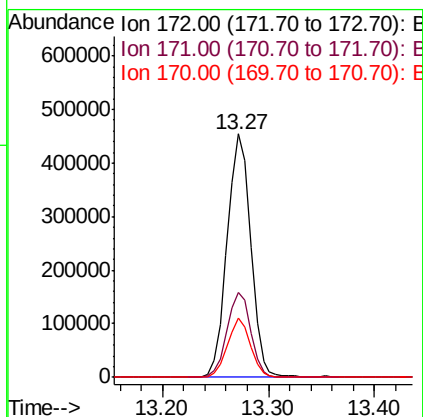
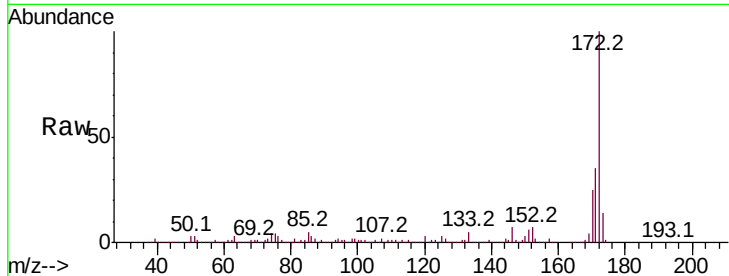




#44
2-Fluorobiphenyl
Concen: 95.619 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

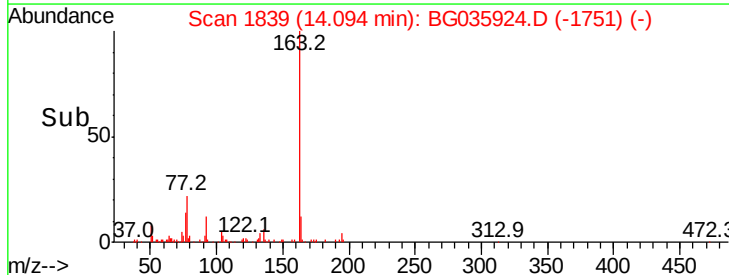
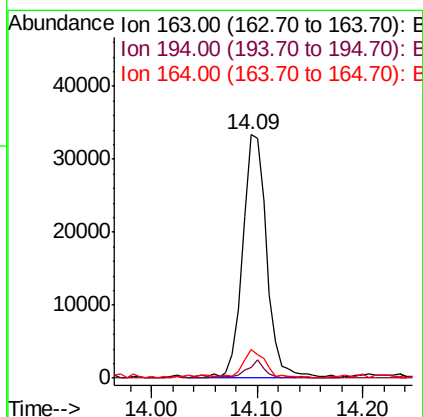
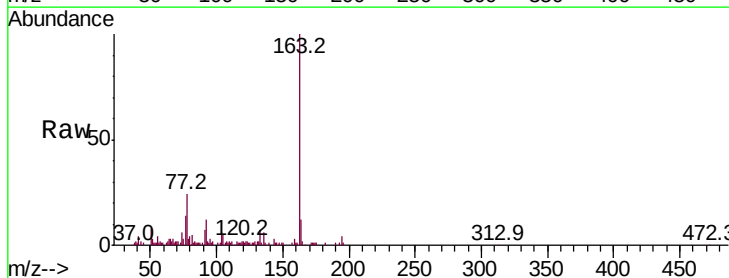
Instrument :
BNA_G
ClientSampleId :

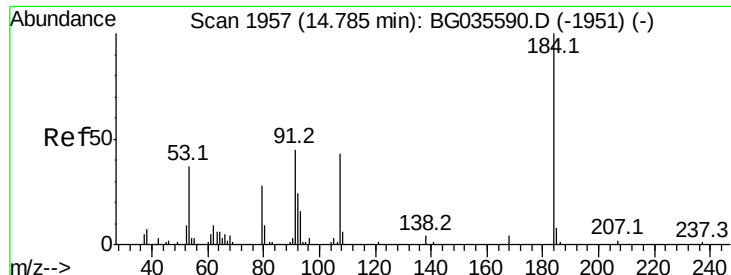
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	24.6	19.5	29.3



#49
Dimethylphthalate
Concen: 6.120 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	12.0	8.2	12.4

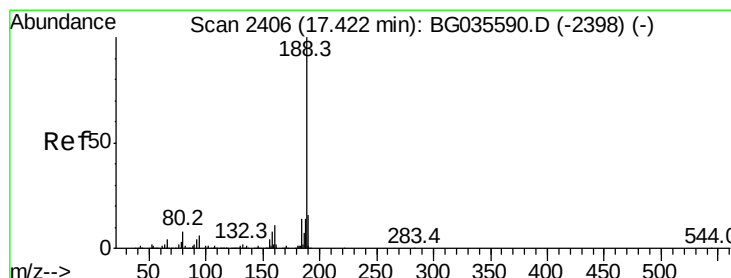
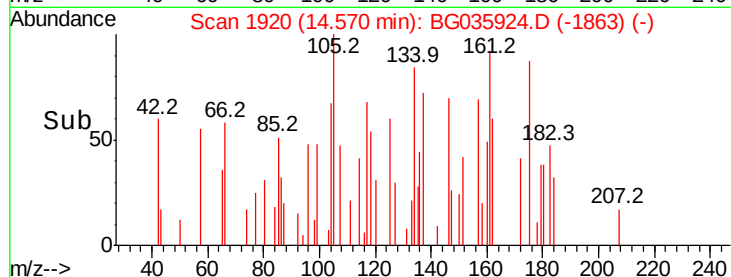
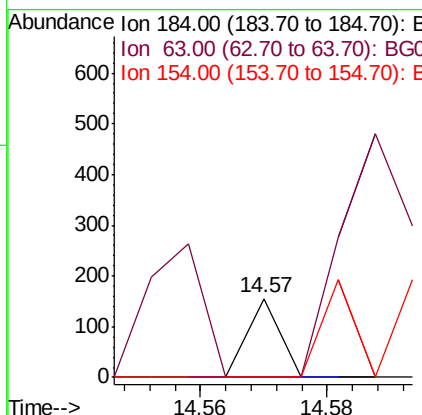
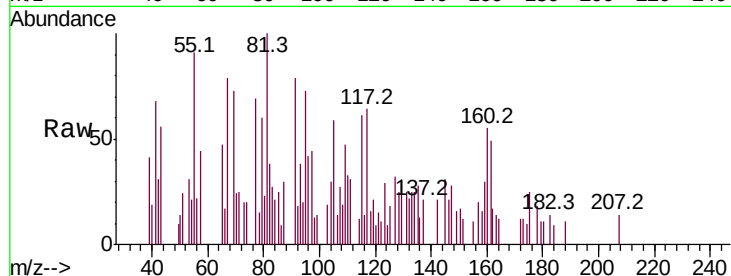




#53
 2,4-Dinitrophenol
 Concen: 6.638 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.19 min
 Lab File: BG035924.D
 Acq: 27 Jul 2018 1:04

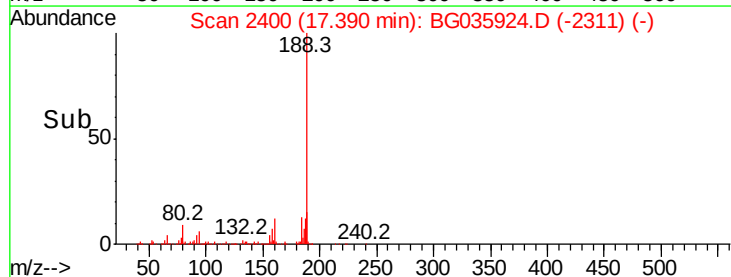
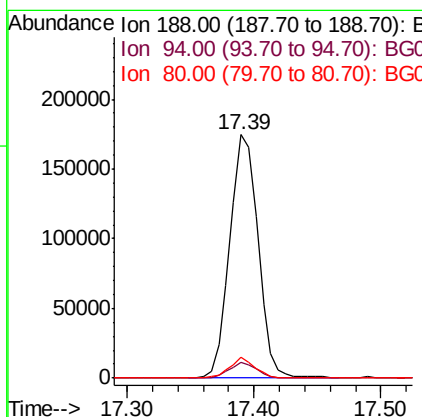
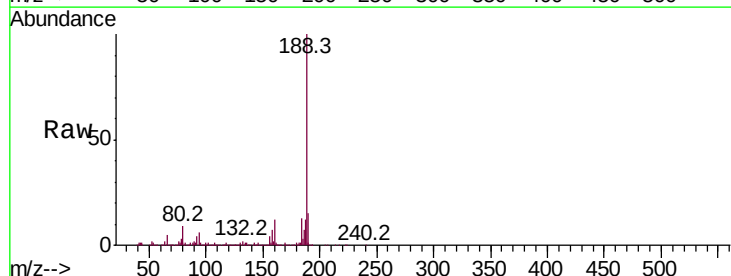
Instrument :
 BNA_G
 ClientSampled :

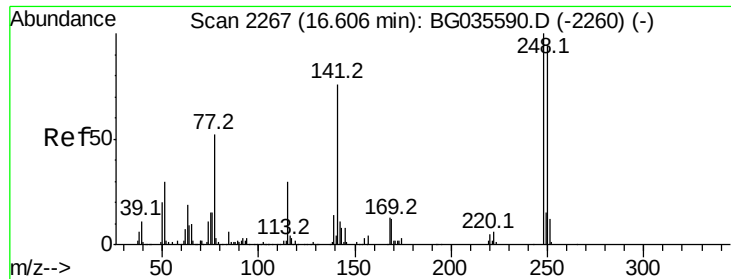
Tot Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG035924.D
 Acq: 27 Jul 2018 1:04

Tgt Ion:188 Resp: 269759
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 8.7 7.7 11.5

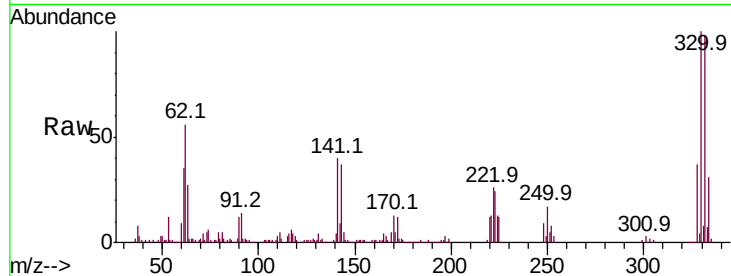




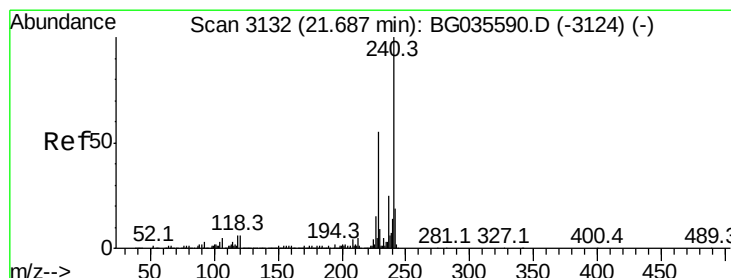
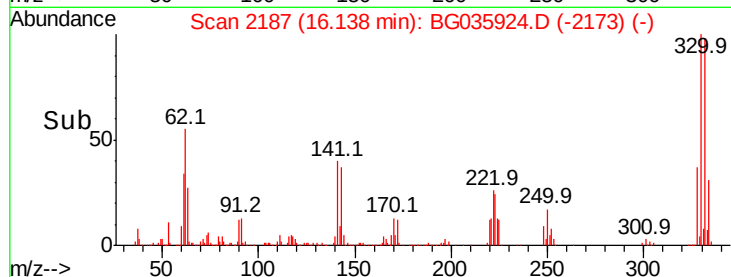
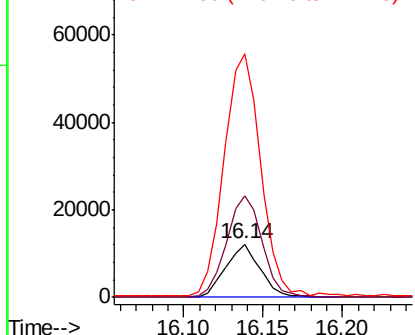
#66
 4-Bromophenyl-phenylether
 Concen: 5.898 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.44 min
 Lab File: BG035924.D
 Acq: 27 Jul 2018 1:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 18460
 Ion Ratio Lower Upper
 248 100
 250 191.9 77.1 115.7#
 141 458.4 50.8 76.2#

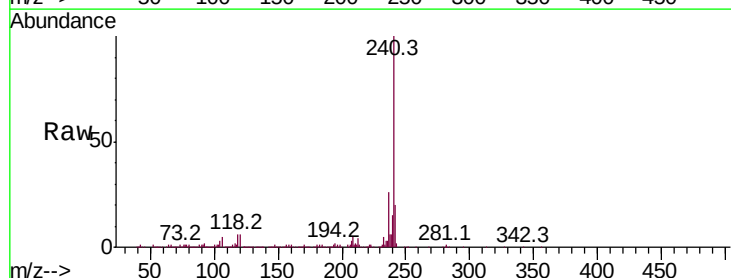


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

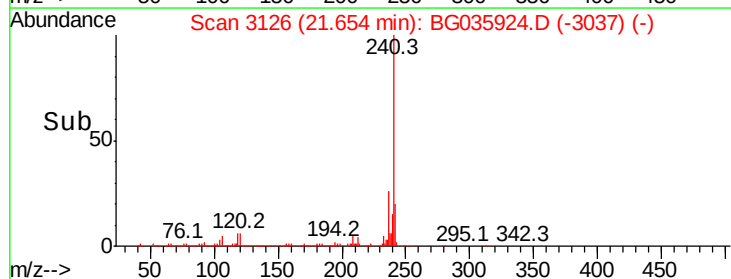
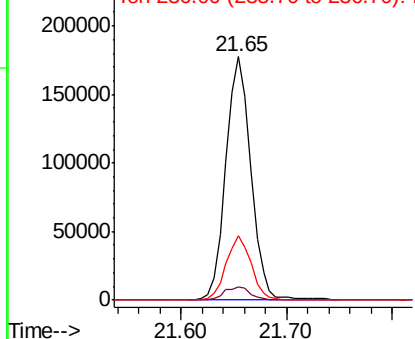


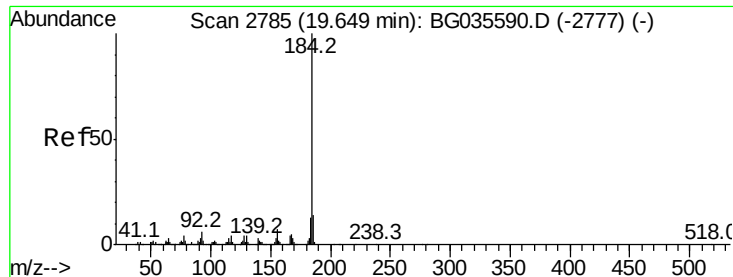
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG035924.D
 Acq: 27 Jul 2018 1:04

Tgt Ion:240 Resp: 291418
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.3 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: 2.969 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035924.D

Acq: 27 Jul 2018 1:04

Instrument :

BNA_G

ClientSampleId :

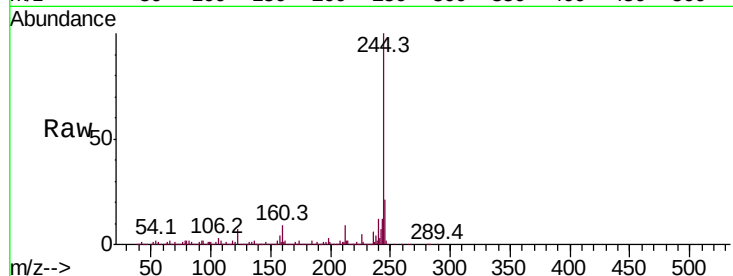
Tot Ion:184 Resp: 22746

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

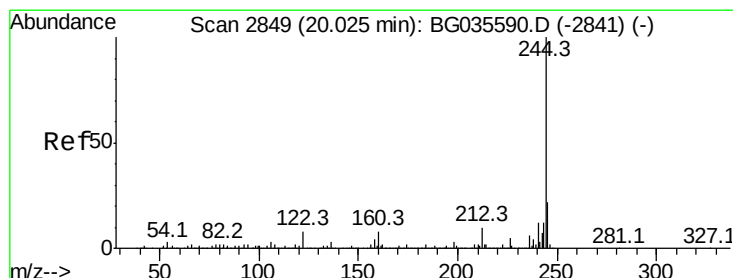
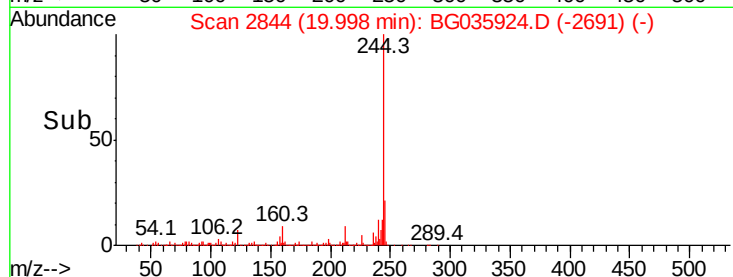
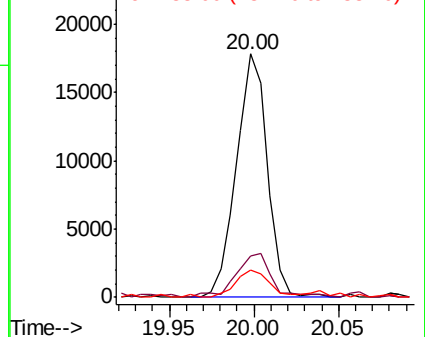
183 11.3 10.6 16.0



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: 99.379 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035924.D

Acq: 27 Jul 2018 1:04

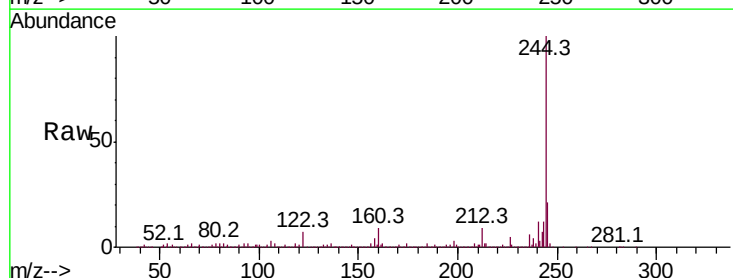
Tgt Ion:244 Resp: 1313831

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

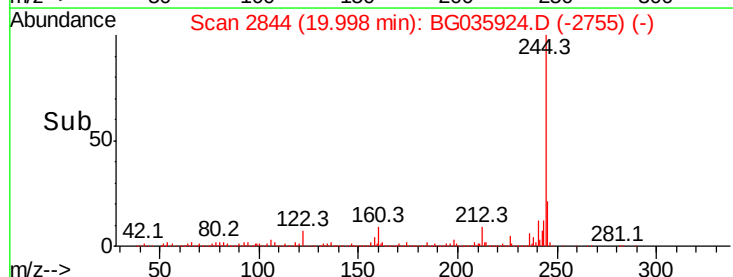
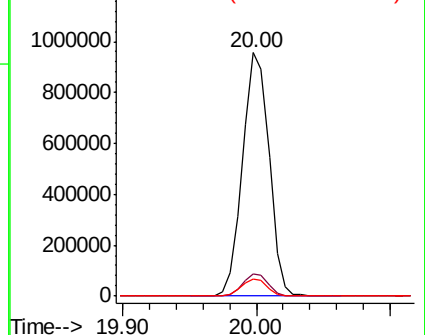
122 6.9 7.0 10.4#

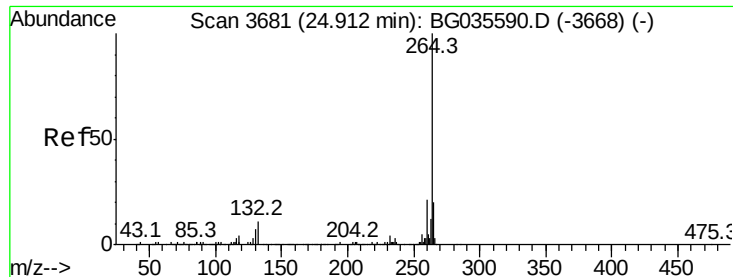


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035924.D
Acq: 27 Jul 2018 1:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.4	17.7	26.5

