

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035915.D
 Acq On : 26 Jul 2018 19:12
 Operator : JU/SJ
 Sample : PB111449BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111449BL

Quant Time: Jul 27 01:27:09 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

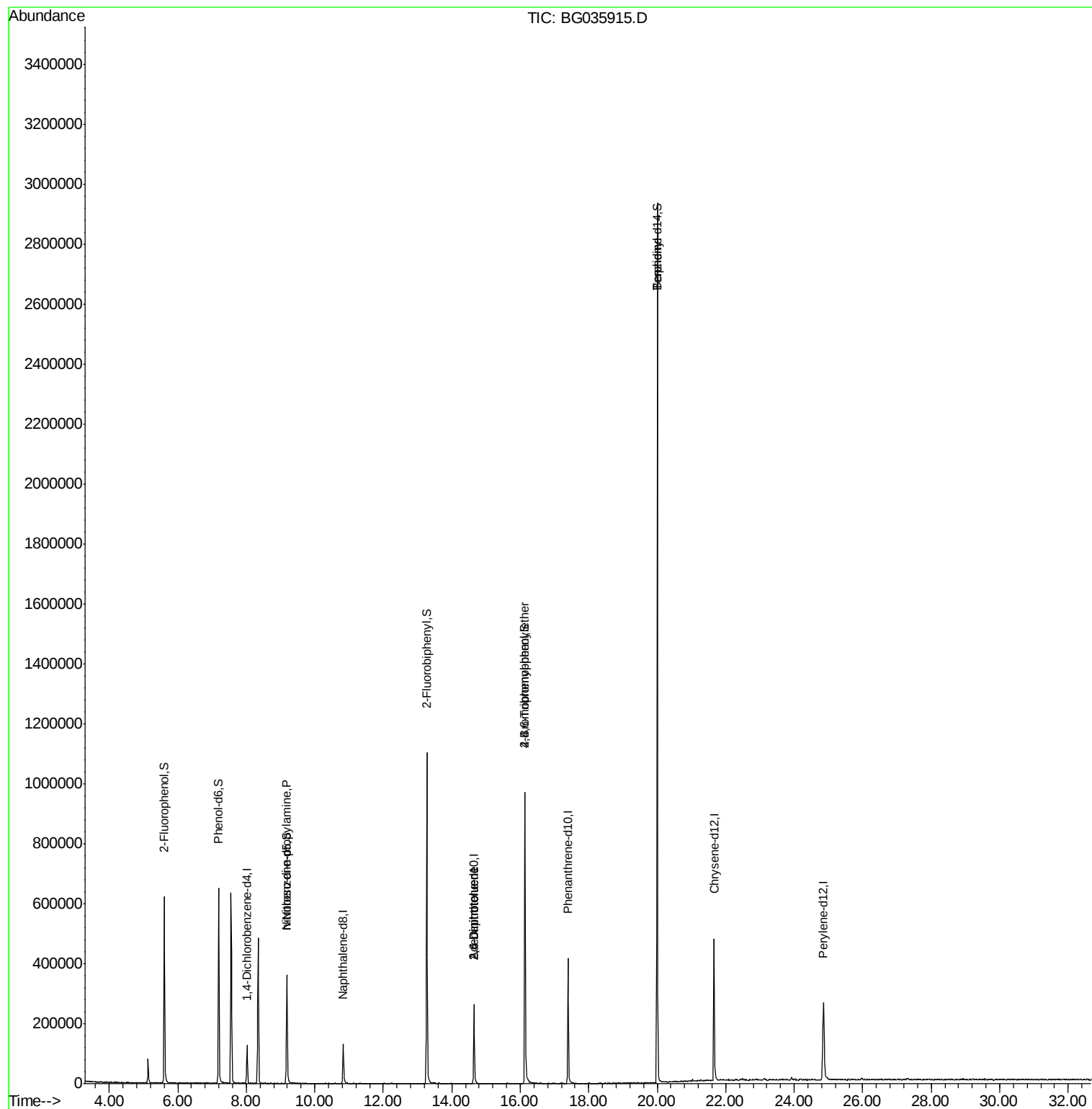
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35209	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130782	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103428	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	310079	20.00	ng	0.00
75) Chrysene-d12	21.66	240	343660	20.00	ng	0.00
86) Perylene-d12	24.85	264	315967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281130	132.56	ng	0.00
7) Phenol-d6	7.19	99	407343	128.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	254118	81.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	195981	143.76	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	649285	84.10	ng	0.00
78) Terphenyl-d14	20.00	244	1406179	90.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	34578	12.978	ng	# 72
50) 2,6-Dinitrotoluene	14.65	165	14318	7.759	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	14318	5.408	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	16826	4.677	ng	# 1
76) Benzidine	20.00	184	24164	2.675	ng	# 94

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

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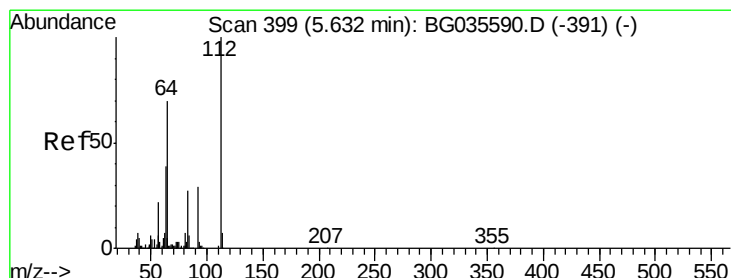
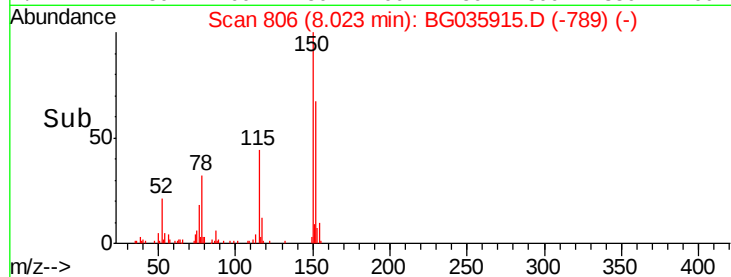
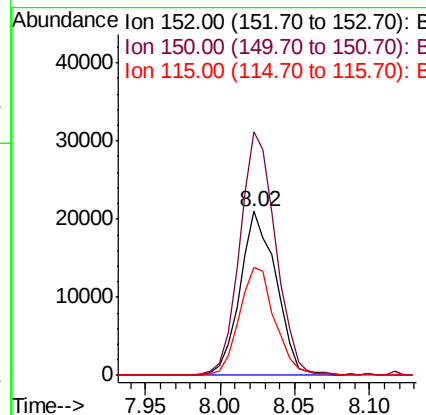
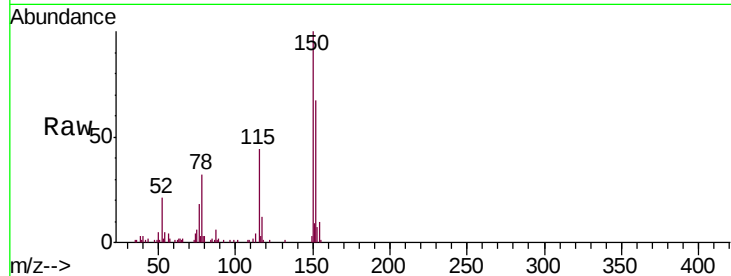


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111449BL

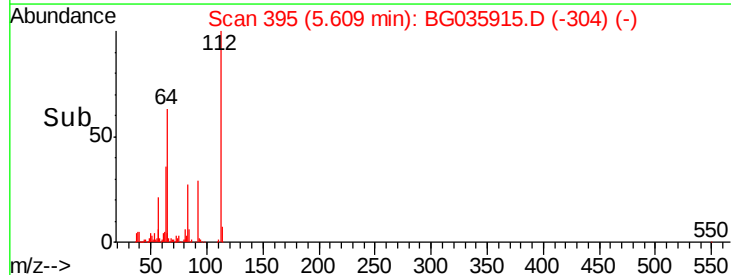
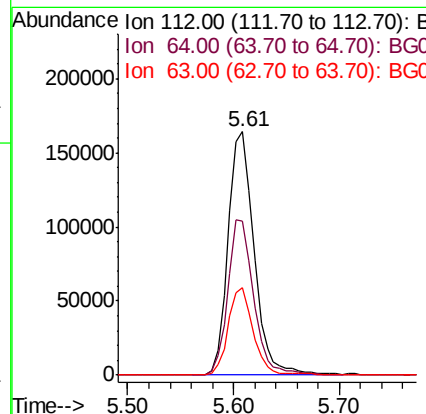
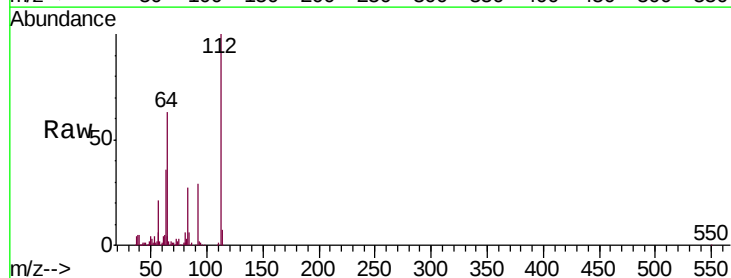
Tgt Ion:152 Resp: 35209
 Ion Ratio Lower Upper
 152 100
 150 148.5 126.6 189.8
 115 65.5 53.0 79.4



#5

2-Fluorophenol
 Concen: 132.563 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

Tgt Ion:112 Resp: 281130
 Ion Ratio Lower Upper
 112 100
 64 63.3 56.3 84.5
 63 35.8 30.1 45.1





#7

Phenol-d6

Concen: 128.739 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB111449BL

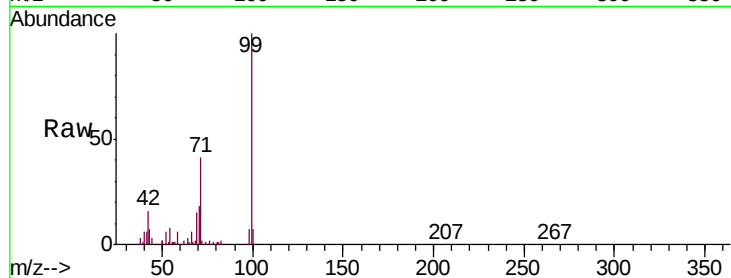
Tgt Ion: 99 Resp: 407343

Ion Ratio Lower Upper

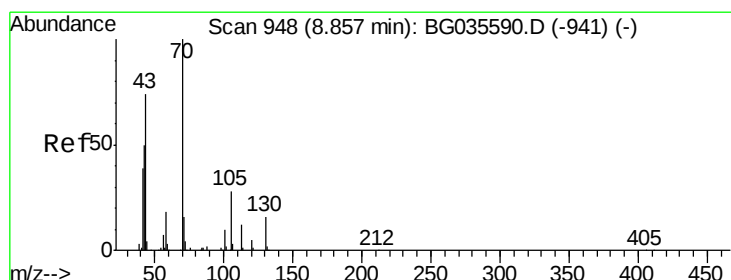
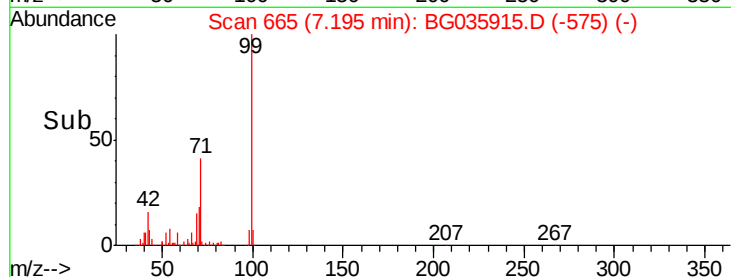
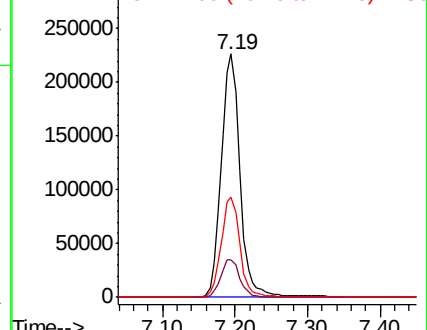
99 100

42 15.6 14.1 21.1

71 41.1 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: 12.978 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Tgt Ion: 70 Resp: 34578

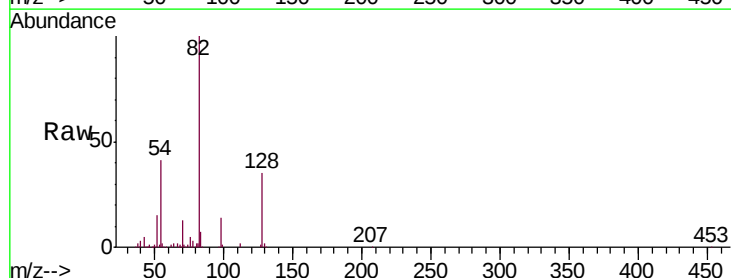
Ion Ratio Lower Upper

70 100

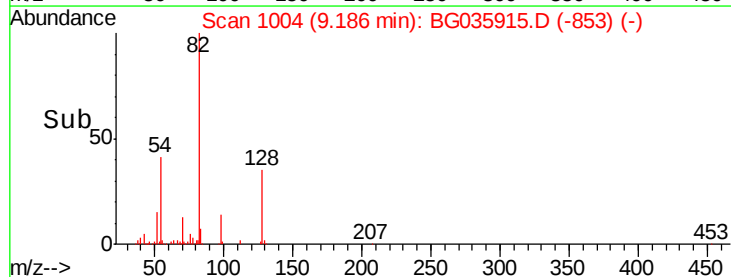
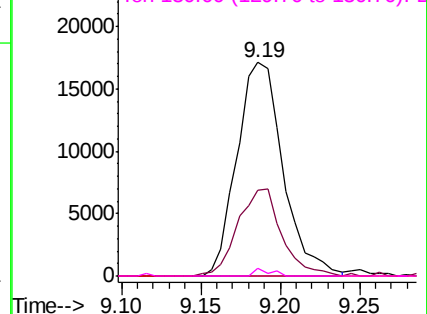
42 40.4 49.1 73.7#

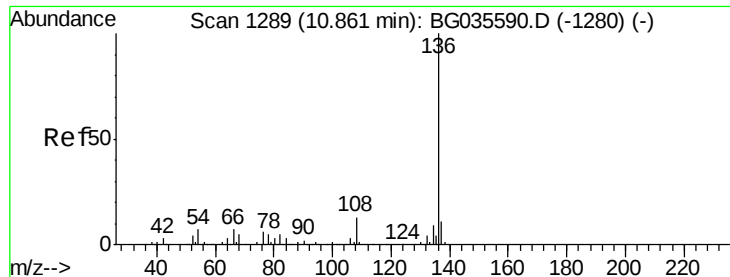
101 0.0 8.5 12.7#

130 3.5 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

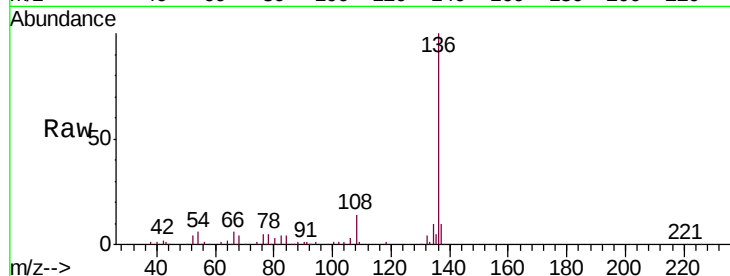




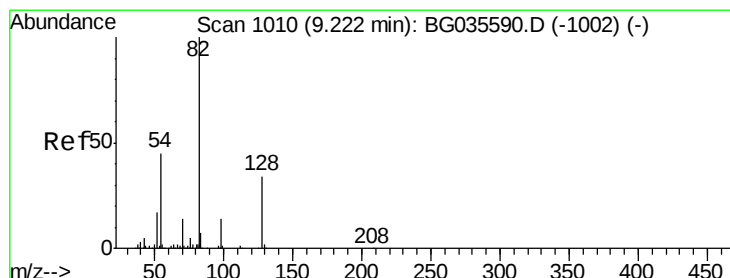
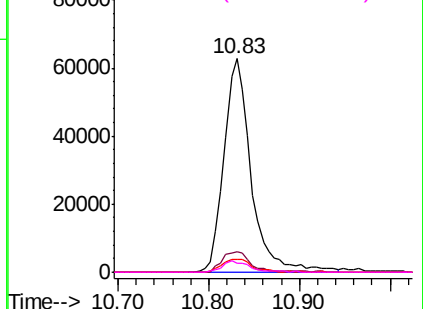
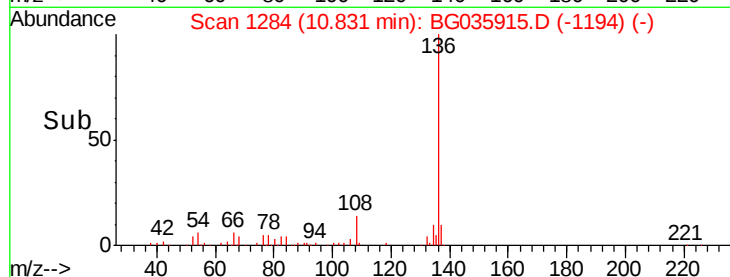
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB111449BL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	6.0	10.3	15.5#
68	4.4	4.5	6.7#

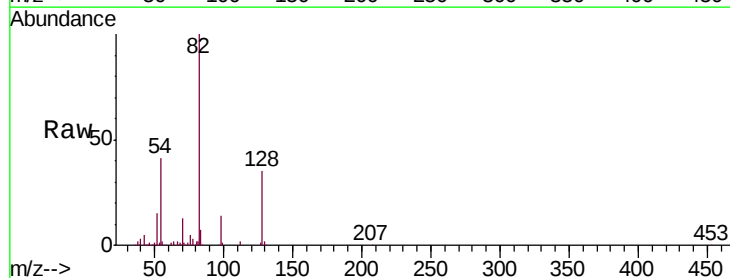


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

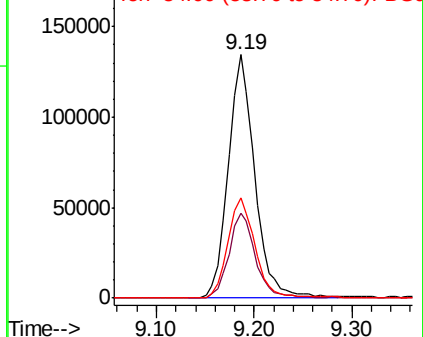
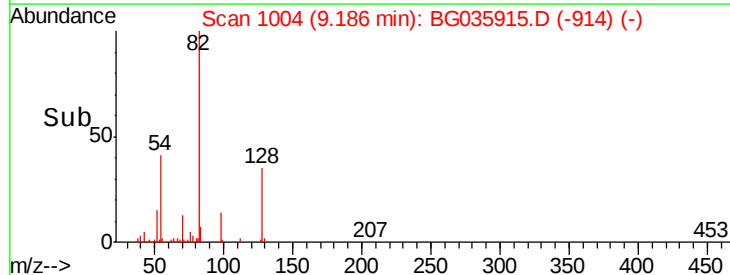


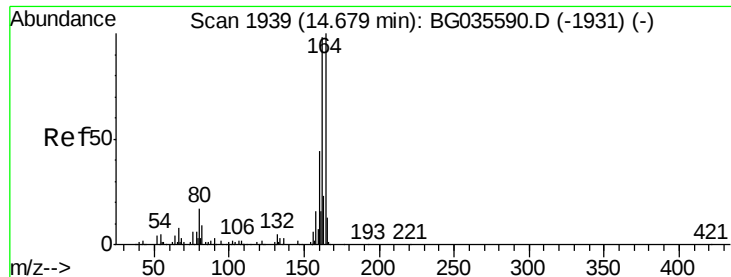
#23
Nitrobenzene-d5
Concen: 81.171 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	41.3	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# 1934

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB111449BL

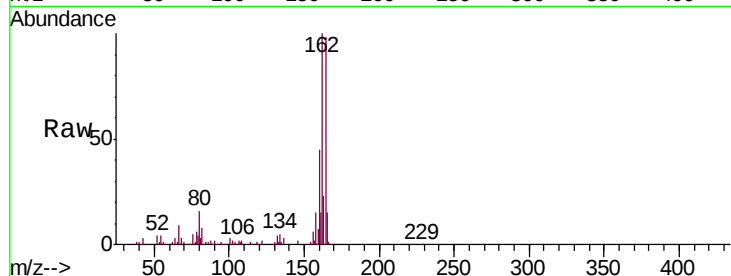
Tgt Ion:164 Resp: 103428

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

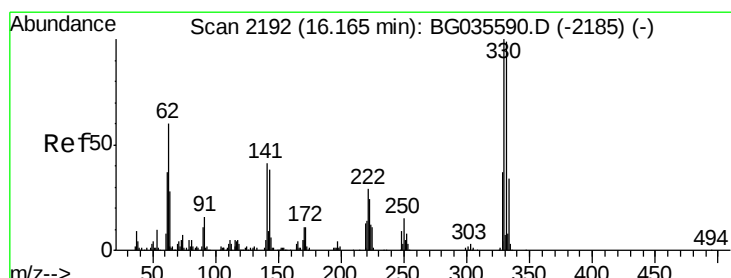
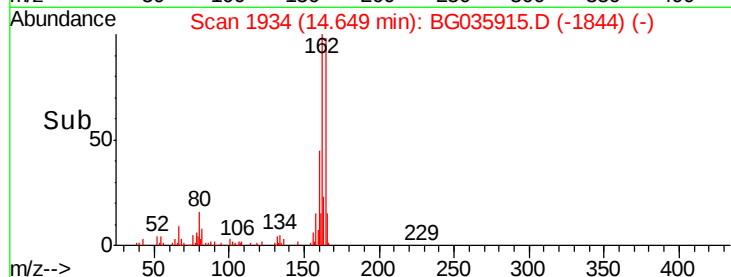
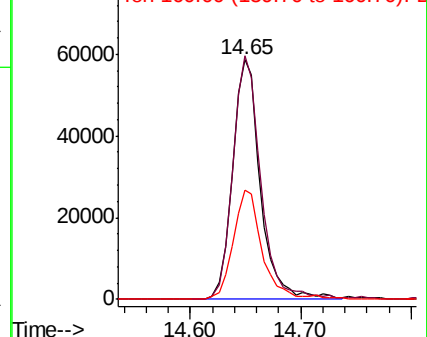
160 45.6 35.4 53.0



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: 143.760 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

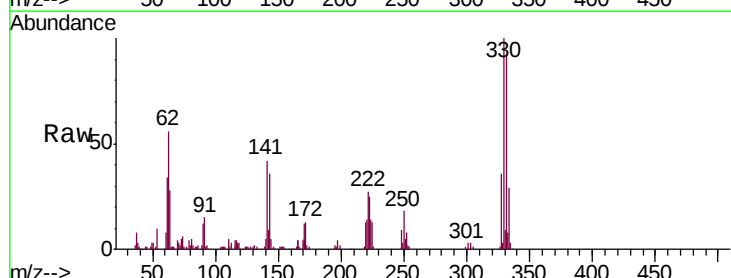
Tgt Ion:330 Resp: 195981

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

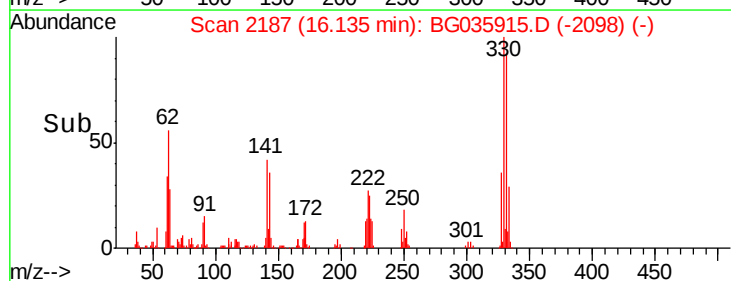
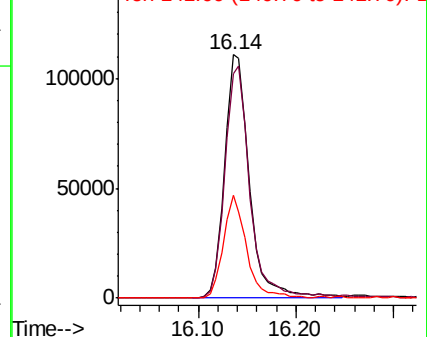
141 39.4 25.2 37.8#

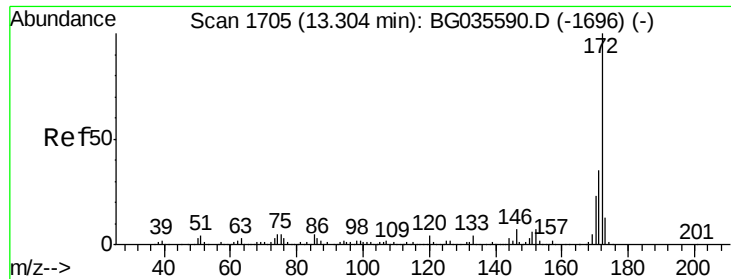


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

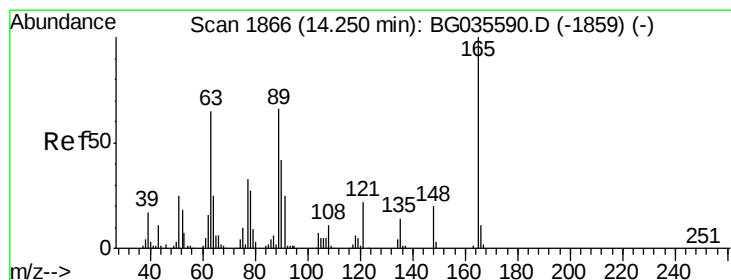
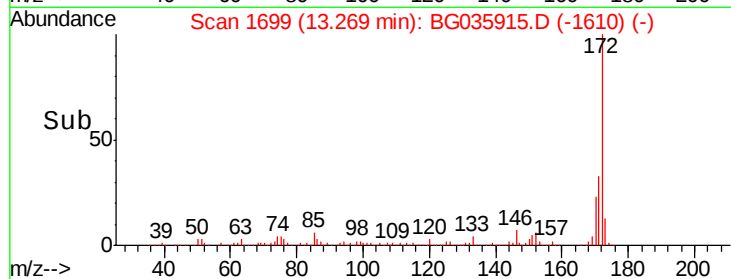
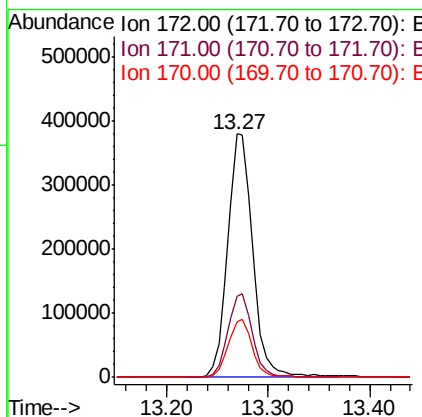
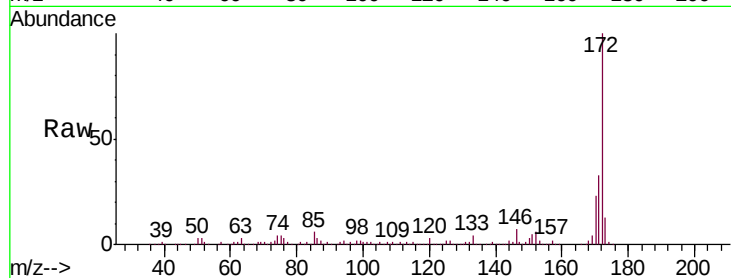




#44
 2-Fluorobiphenyl
 Concen: 84.104 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

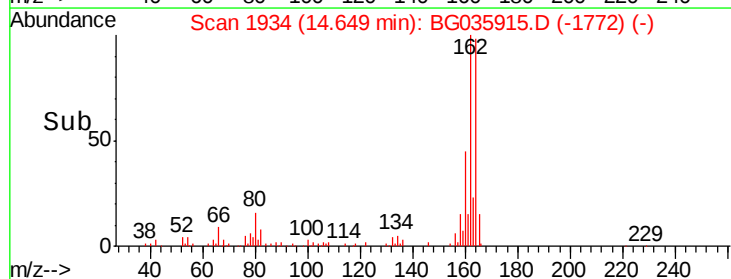
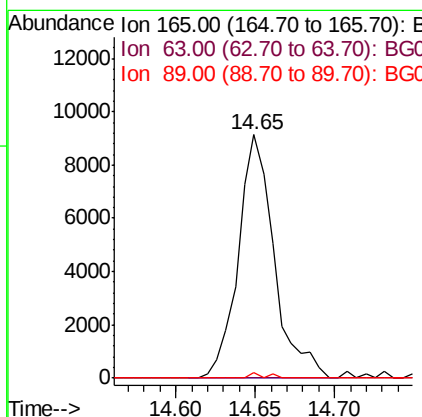
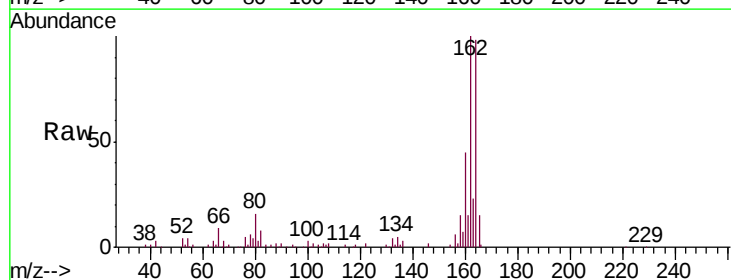
Instrument :
 BNA_G
 ClientSampleId :
 PB111449BL

Tgt Ion:	172	Resp:	649285
Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	22.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.759 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

Tgt Ion:	165	Resp:	14318
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.4	49.2	73.8#

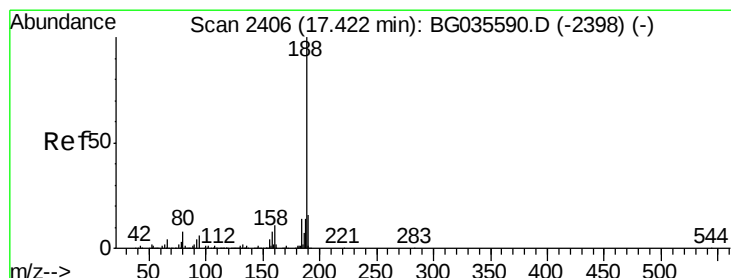
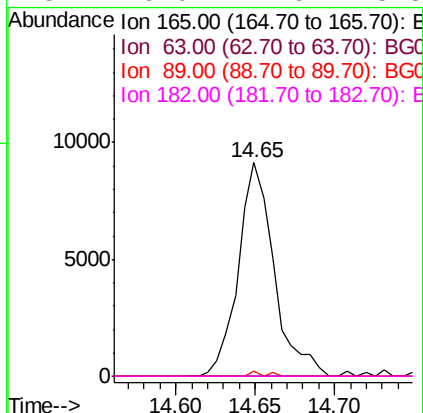
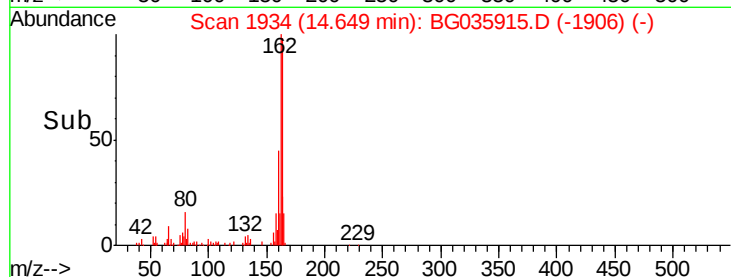
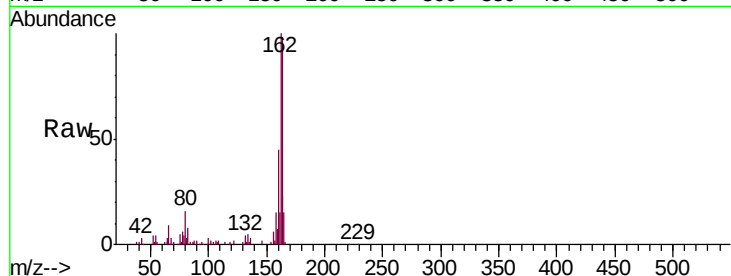




#56
2,4-Dinitrotoluene
Concen: 5.408 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

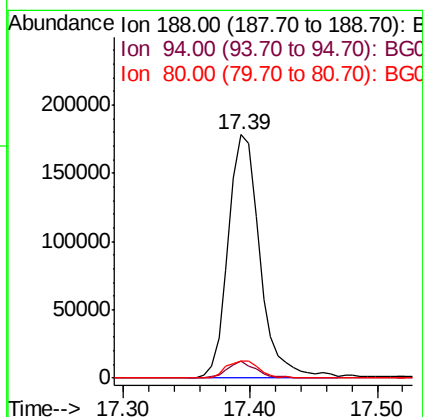
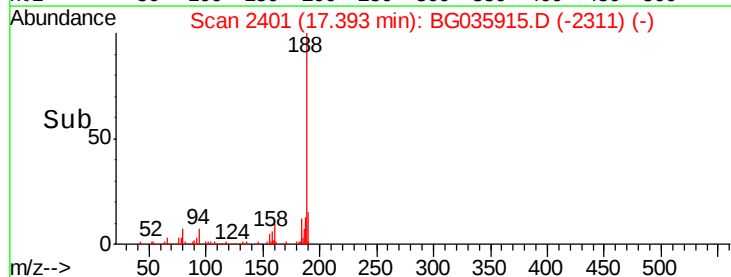
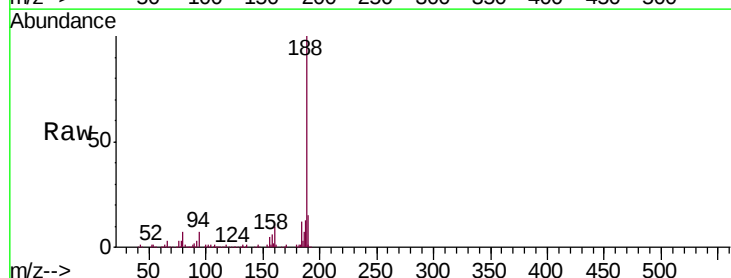
Instrument :
BNA_G
ClientSampleId :
PB111449BL

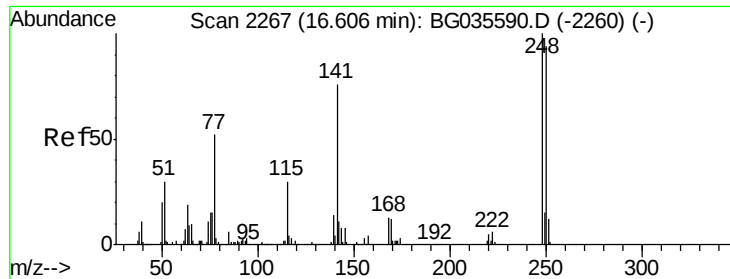
Tgt Ion:165 Resp: 14318
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.4 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Tgt Ion:188 Resp: 310079
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.3 7.7 11.5#

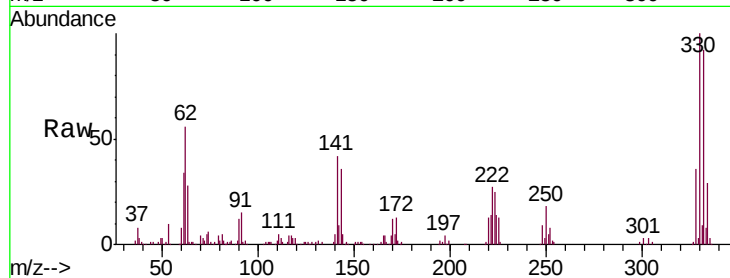




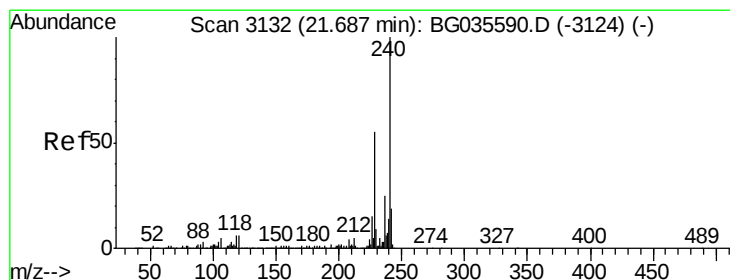
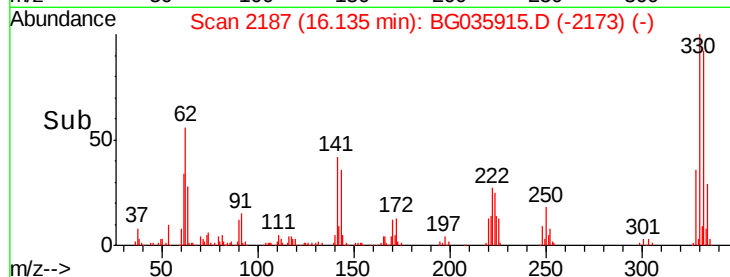
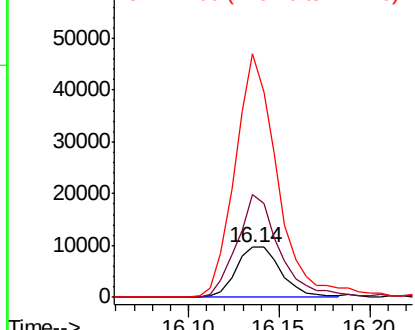
#66
4-Bromophenyl-phenylether
Concen: 4.677 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB111449BL

Tgt Ion:248 Resp: 16826
Ion Ratio Lower Upper
248 100
250 205.2 77.1 115.7#
141 486.2 50.8 76.2#

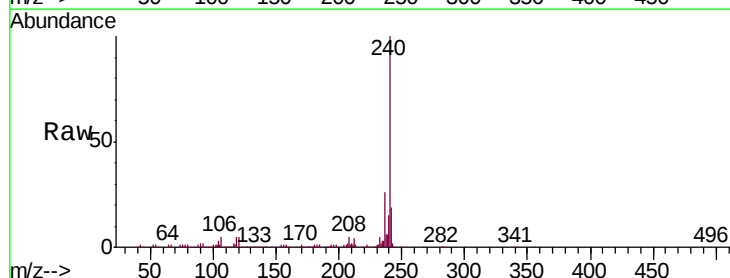


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

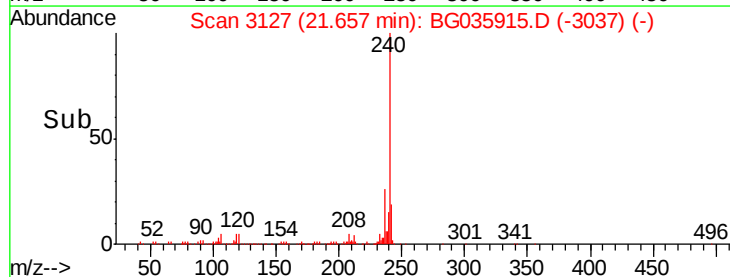
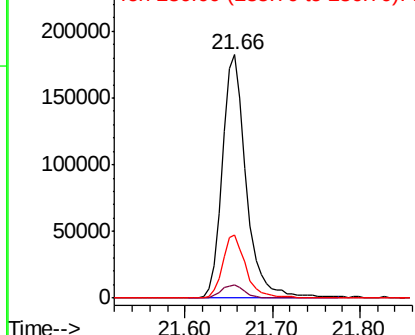


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Tgt Ion:240 Resp: 343660
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.7 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: 2.675 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB111449BL

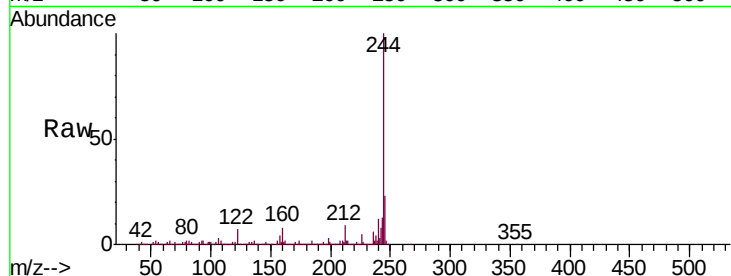
Tgt Ion:184 Resp: 24164

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

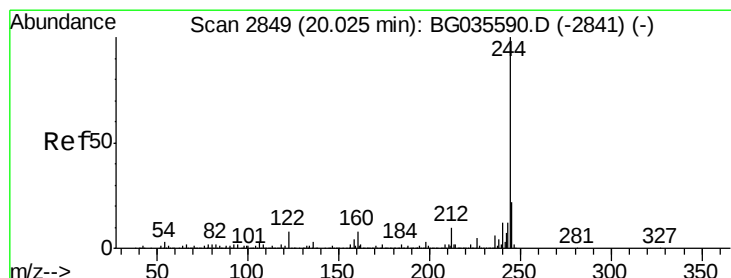
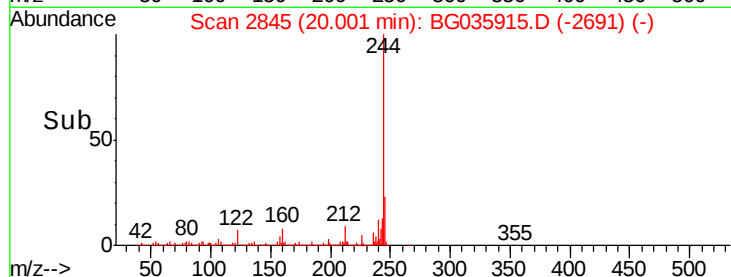
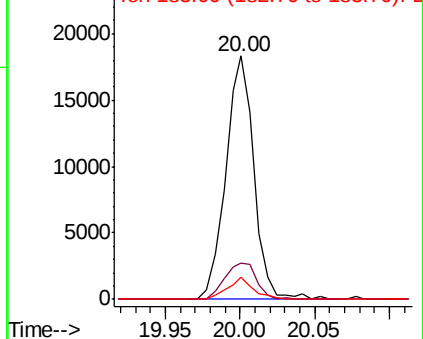
183 8.9 10.6 16.0#



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: 90.195 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

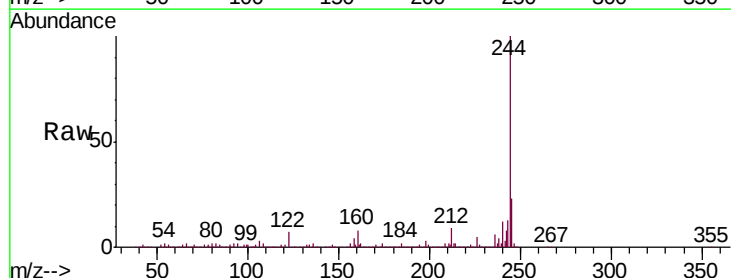
Tgt Ion:244 Resp: 1406179

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

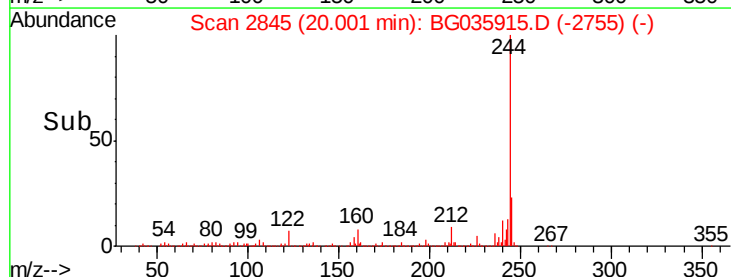
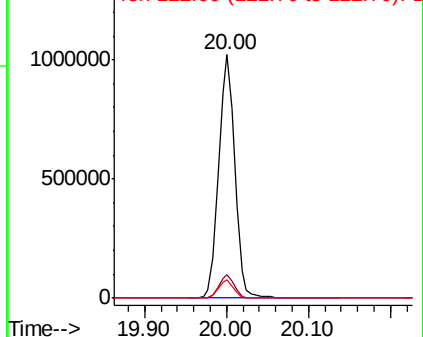
122 7.3 7.0 10.4

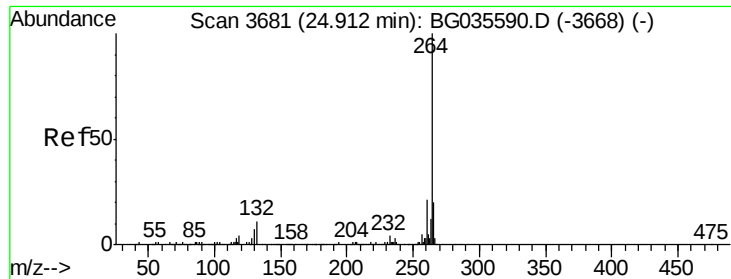


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB111449BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	17.4	26.0#
265	21.9	17.7	26.5

