

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036497.D
 Acq On : 31 Aug 2018 3:19
 Operator : JU/SJ
 Sample : PB112500BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112500BL

Quant Time: Aug 31 04:20:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

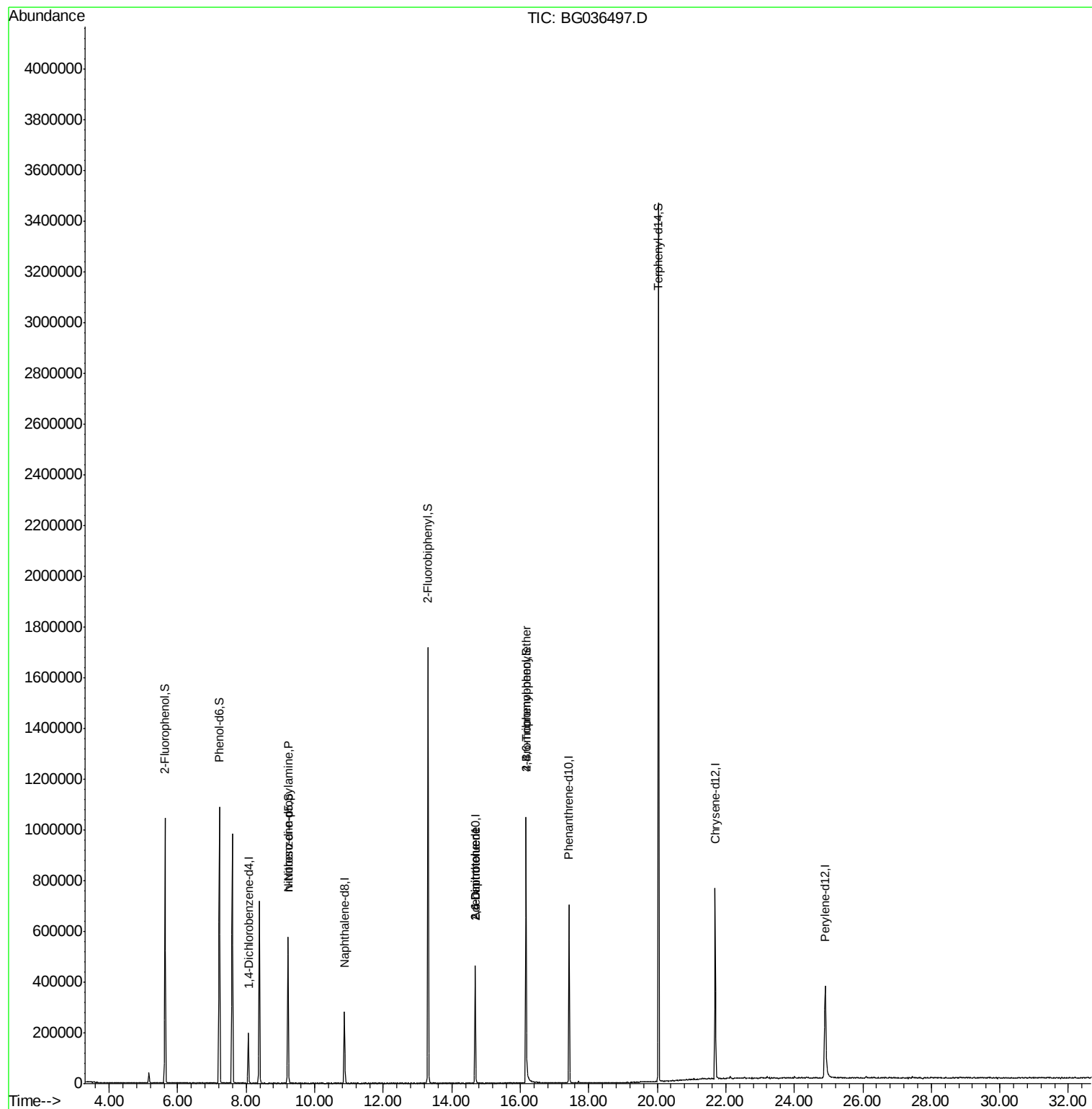
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56089	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	237812	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	163513	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	436935	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	478884	20.00	ng	-0.02
86) Perylene-d12	24.91	264	460220	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	432951	122.45	ng	0.00
7) Phenol-d6	7.22	99	612097	120.91	ng	0.00
23) Nitrobenzene-d5	9.22	82	353335	80.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	220211	112.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	867745	75.77	ng	-0.02
78) Terphenyl-d14	20.04	244	1598744	78.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45958	12.147	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	20952	7.626	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	20952	5.851	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15321	2.995	ng	# 1

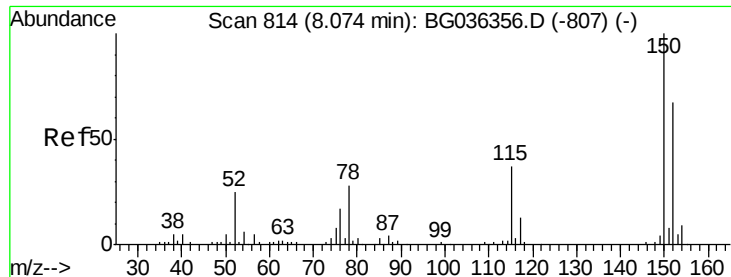
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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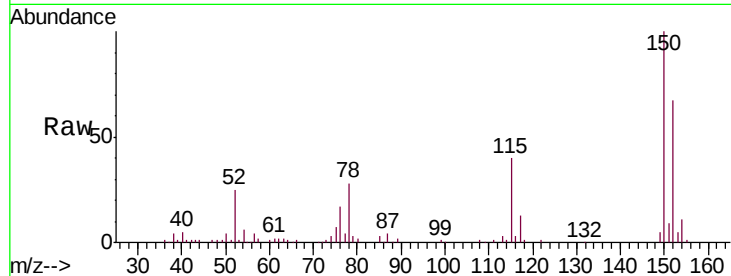


#1

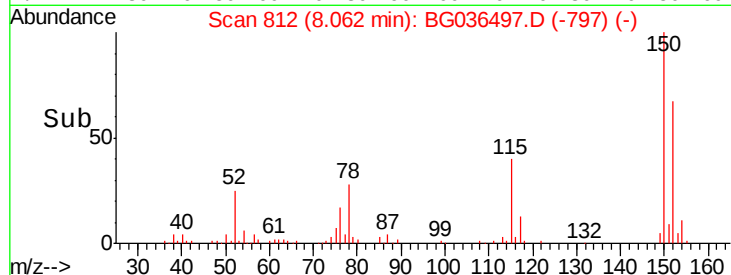
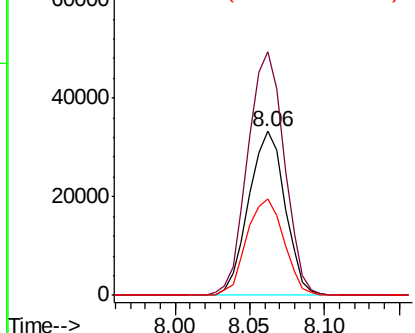
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036497.D
Acq: 31 Aug 2018 3:19

Instrument :
BNA_G
ClientSampleId :
PB112500BL

Tgt Ion:152 Resp: 56089
Ion Ratio Lower Upper
152 100
150 148.3 119.5 179.3
115 58.9 44.5 66.7



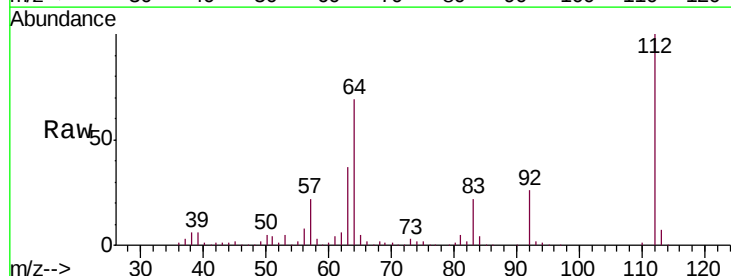
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



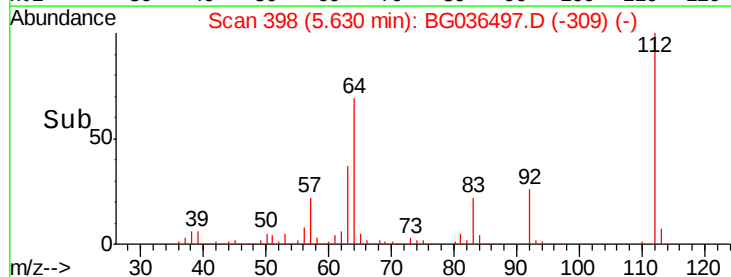
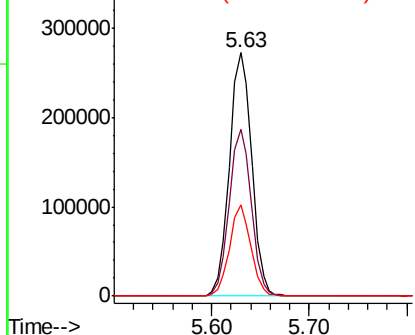
#5

2-Fluorophenol
Concen: 122.446 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036497.D
Acq: 31 Aug 2018 3:19

Tgt Ion:112 Resp: 432951
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 37.3 30.8 46.2



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





#7

Phenol-d6

Concen: 120.909 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036497.D

Acq: 31 Aug 2018 3:19

Instrument :

BNA_G

ClientSampleId :

PB112500BL

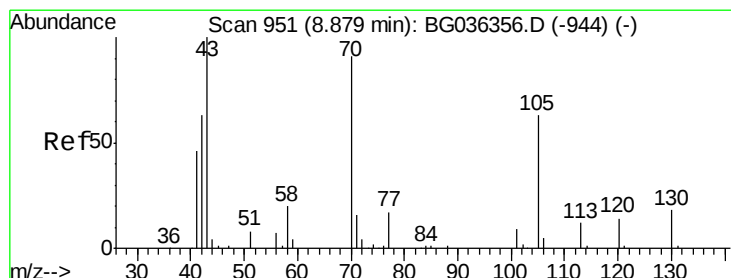
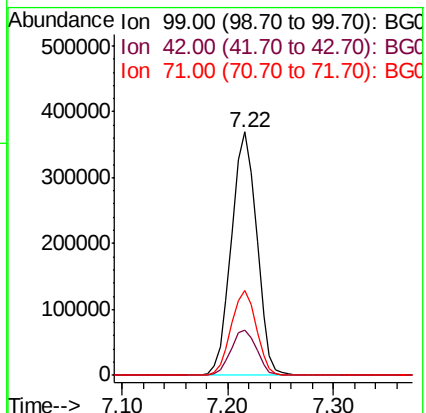
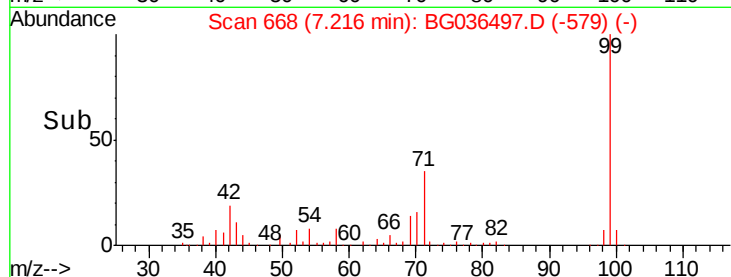
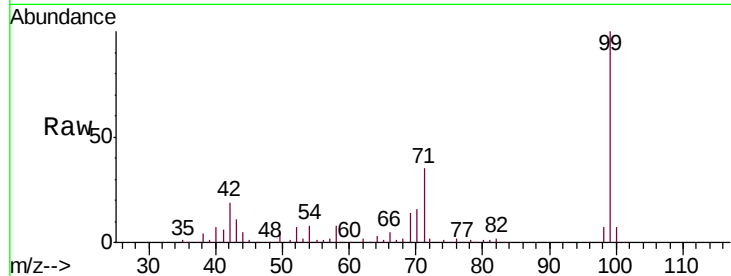
Tgt Ion: 99 Resp: 612097

Ion Ratio Lower Upper

99 100

42 18.6 16.5 24.7

71 35.1 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.147 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG036497.D

Acq: 31 Aug 2018 3:19

Tgt Ion: 70 Resp: 45958

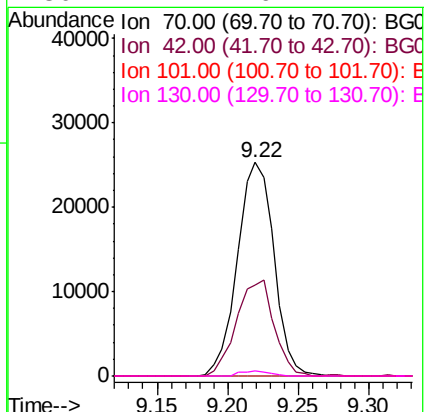
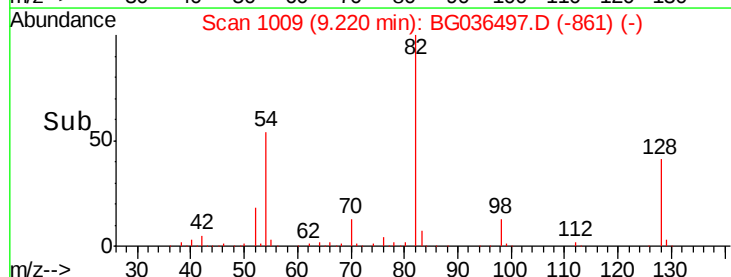
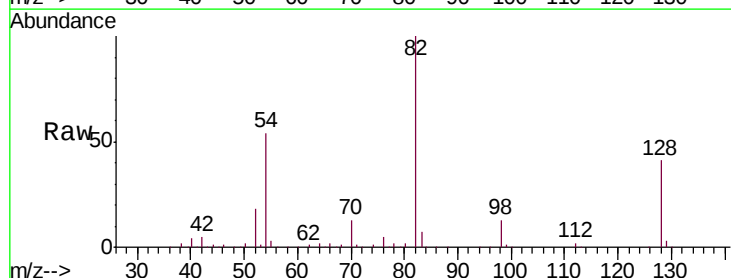
Ion Ratio Lower Upper

70 100

42 42.8 56.2 84.4#

101 0.0 7.8 11.6#

130 2.4 16.2 24.2#

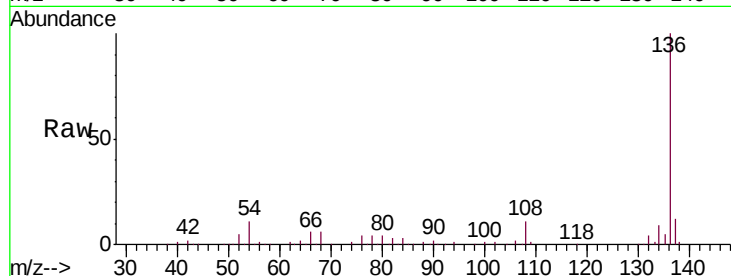




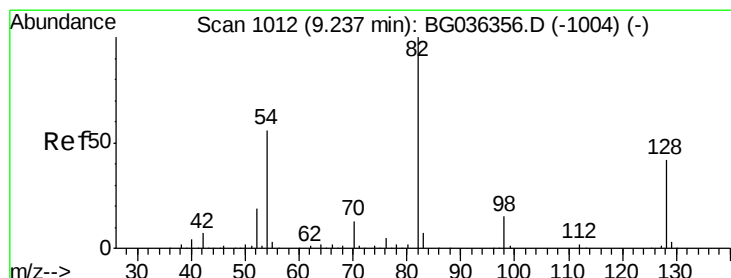
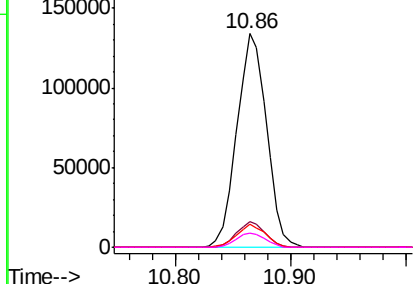
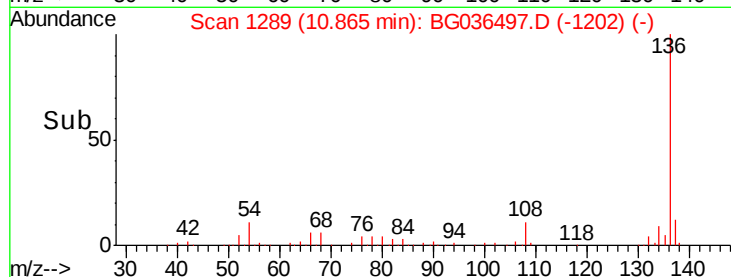
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036497.D
Acq: 31 Aug 2018 3:19

Instrument :
BNA_G
ClientSampleId :
PB112500BL

Tgt Ion:	136	Resp:	237812
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.7	9.2	13.8
68	6.5	5.8	8.6

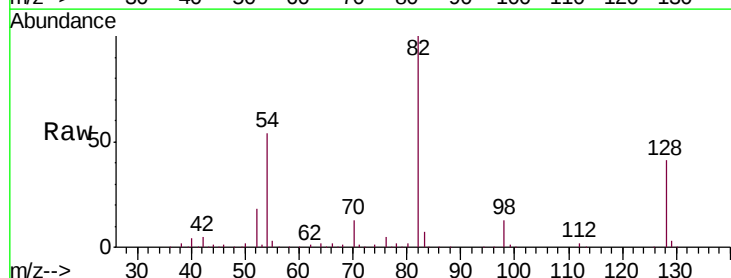


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

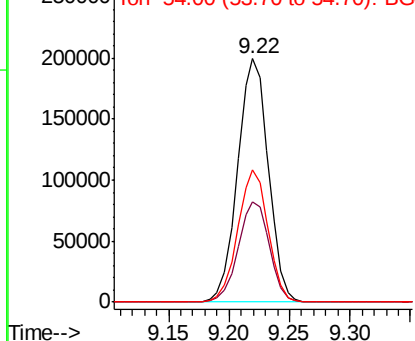
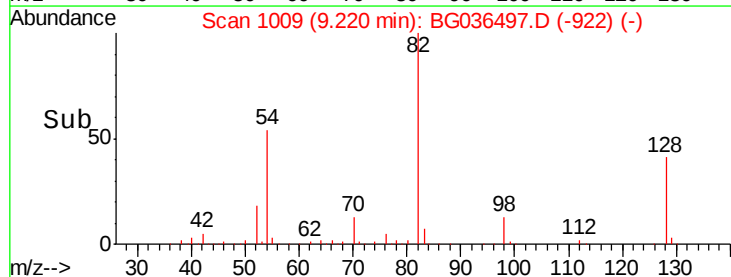


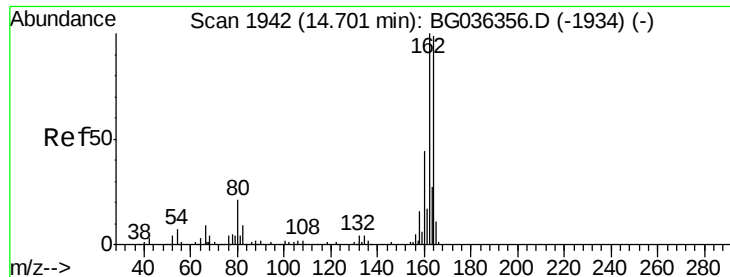
#23
Nitrobenzene-d5
Concen: 80.613 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG036497.D
Acq: 31 Aug 2018 3:19

Tgt Ion:	82	Resp:	353335
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	54.4	45.1	67.7



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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036497.D

Acq: 31 Aug 2018 3:19

Instrument :

BNA_G

ClientSampleId :

PB112500BL

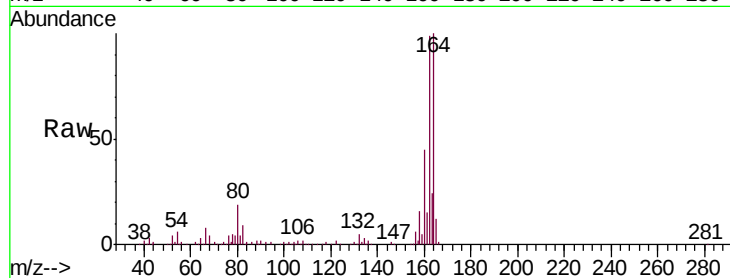
Tgt Ion:164 Resp: 163513

Ion Ratio Lower Upper

164 100

162 99.0 80.7 121.1

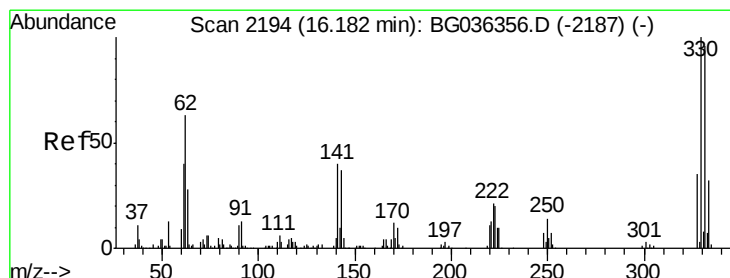
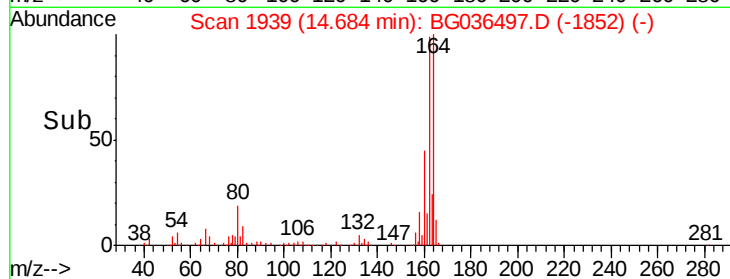
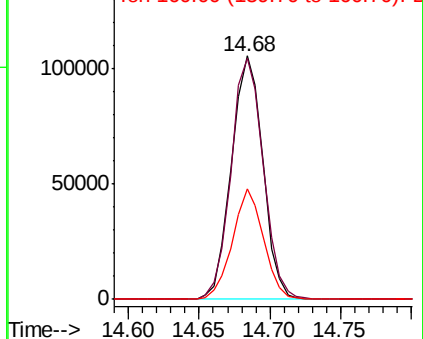
160 45.2 35.3 52.9



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: 112.866 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036497.D

Acq: 31 Aug 2018 3:19

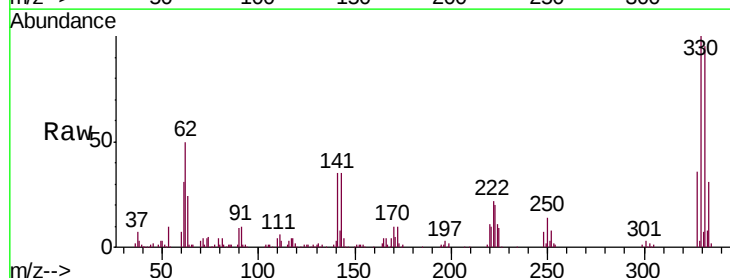
Tgt Ion:330 Resp: 220211

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.2

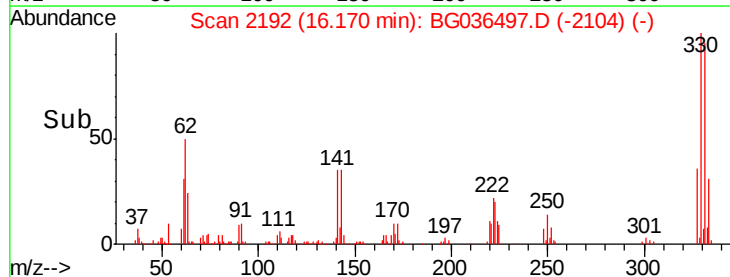
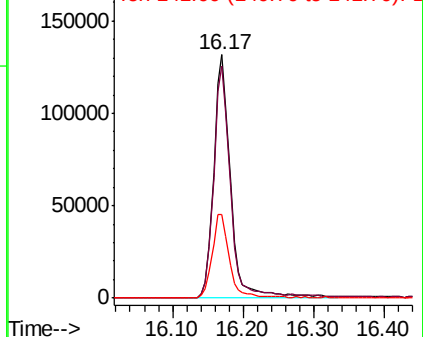
141 35.1 30.7 46.1



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

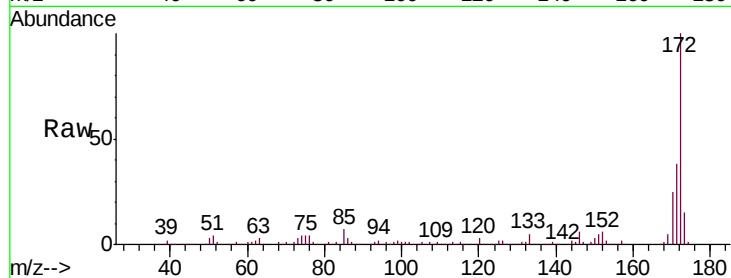




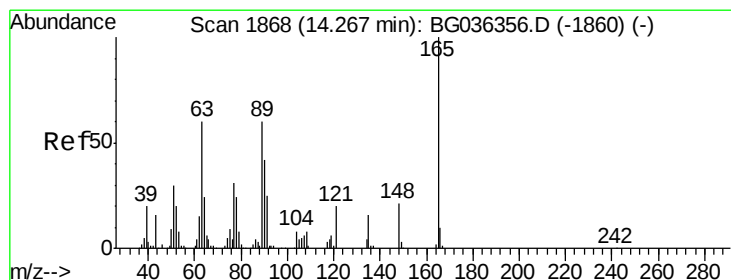
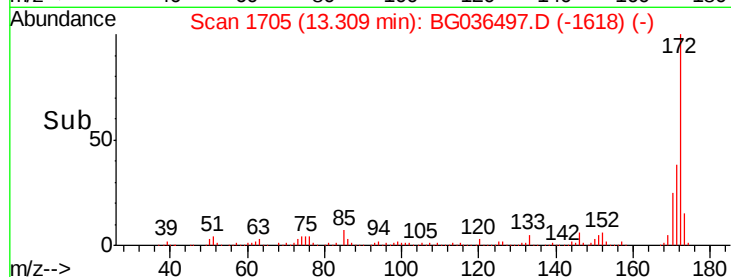
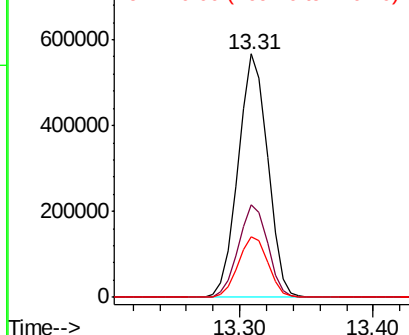
#44
 2-Fluorobiphenyl
 Concen: 75.773 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG036497.D
 Acq: 31 Aug 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112500BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.9	21.0	31.6

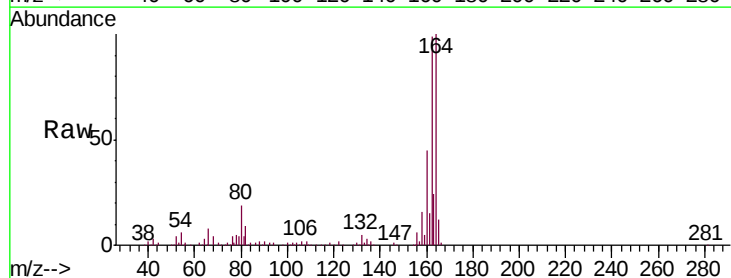


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

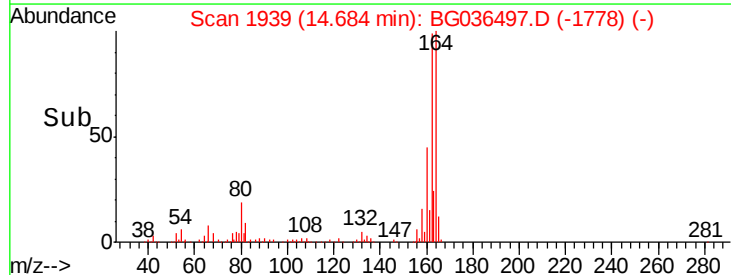
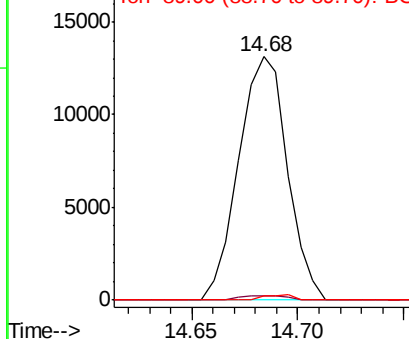


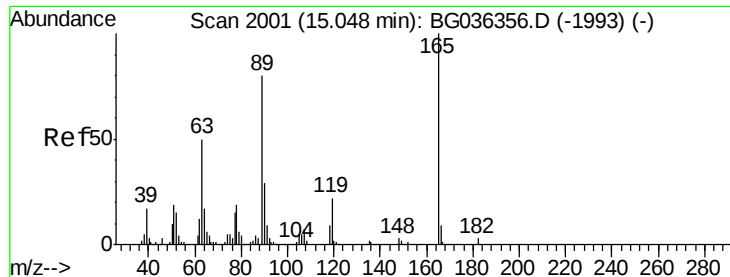
#50
 2,6-Dinitrotoluene
 Concen: 7.626 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036497.D
 Acq: 31 Aug 2018 3:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	1.9	47.8	71.6#



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

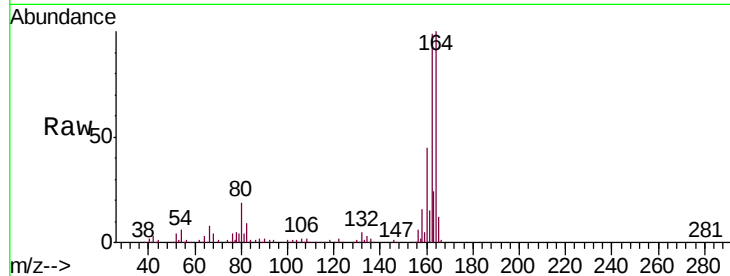




#56
 2,4-Dinitrotoluene
 Concen: 5.851 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036497.D
 Acq: 31 Aug 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112500BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

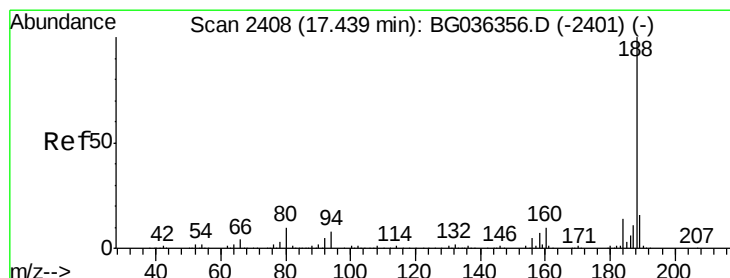
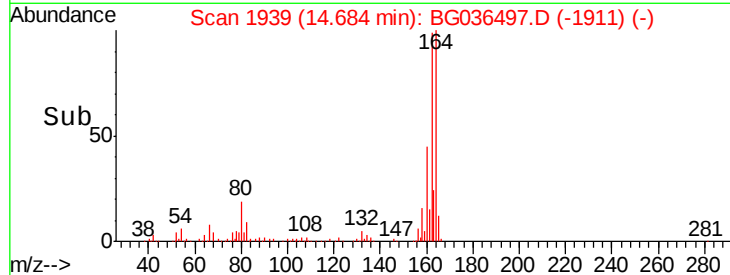
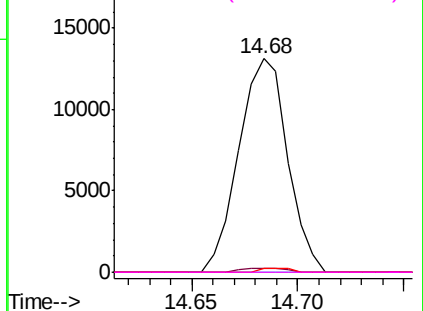


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

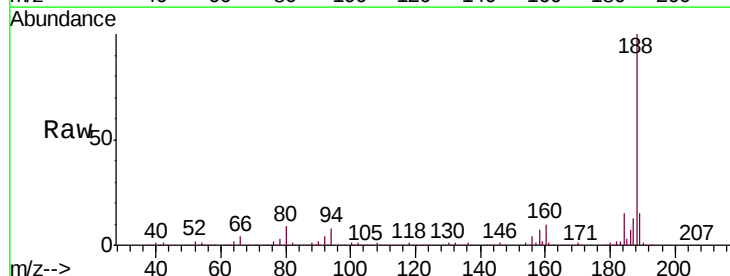
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036497.D
 Acq: 31 Aug 2018 3:19

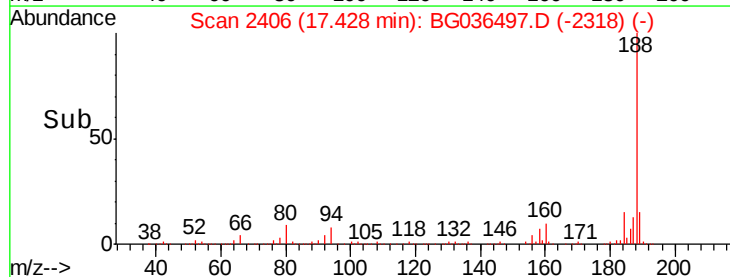
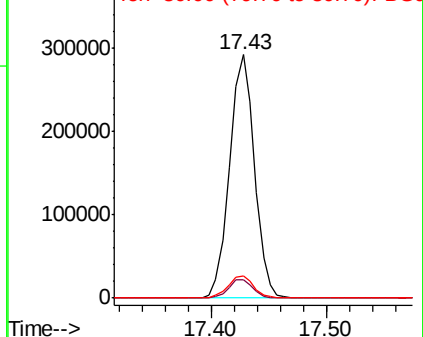
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.1	8.1	12.1

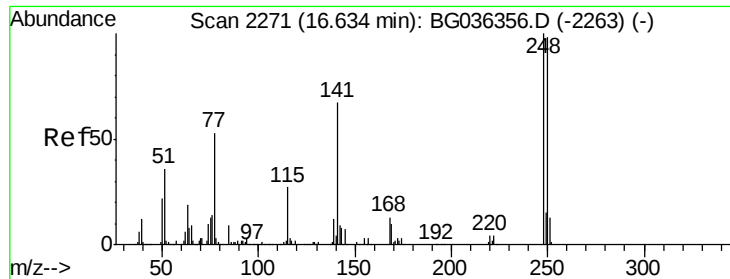


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

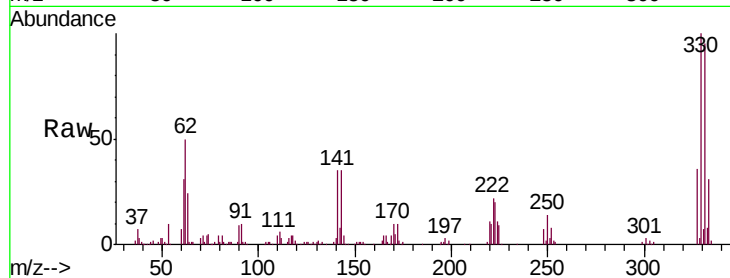




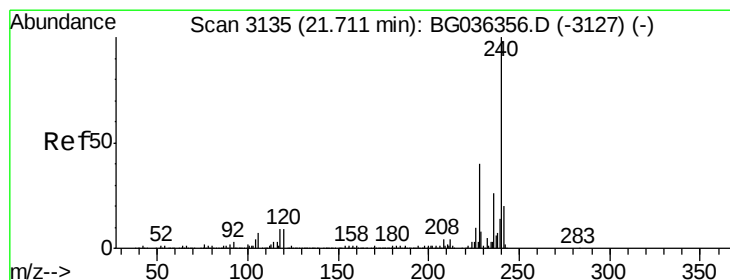
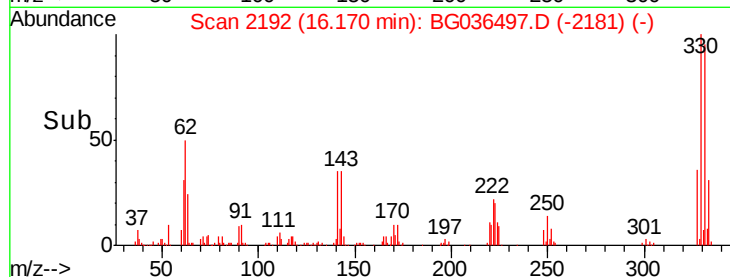
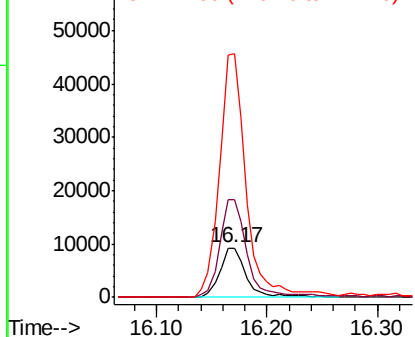
#66
4-Bromophenyl-phenylether
Concen: 2.995 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.46 min
Lab File: BG036497.D
Acq: 31 Aug 2018 3:19

Instrument :
BNA_G
ClientSampleId :
PB112500BL

Tgt Ion:248 Resp: 15321
Ion Ratio Lower Upper
248 100
250 198.3 78.1 117.1#
141 491.9 53.7 80.5#

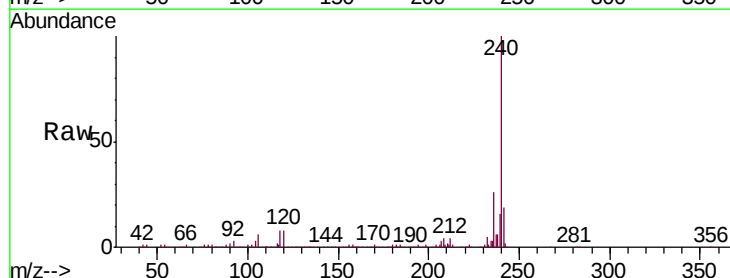


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

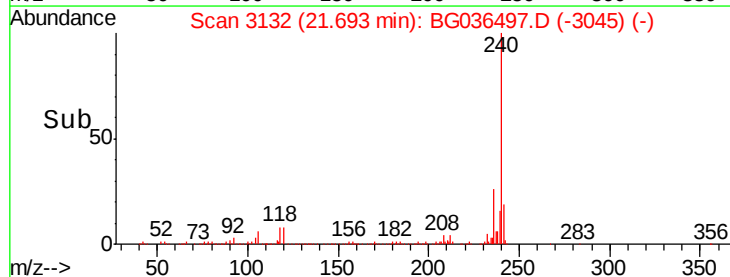
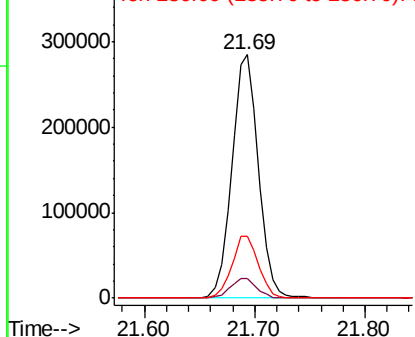


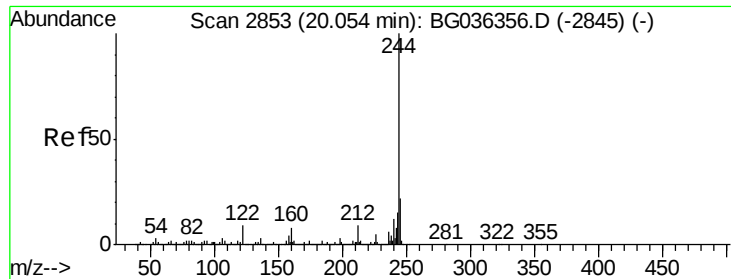
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036497.D
Acq: 31 Aug 2018 3:19

Tgt Ion:240 Resp: 478884
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.6 21.2 31.8



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





#78

Terphenyl-d14

Concen: 78.032 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036497.D

Acq: 31 Aug 2018 3:19

Instrument :

BNA_G

ClientSampleId :

PB112500BL

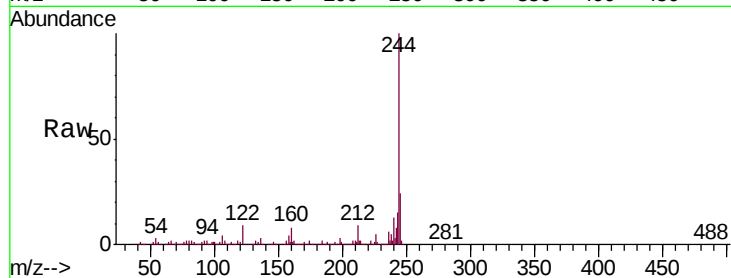
Tgt Ion:244 Resp: 1598744

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

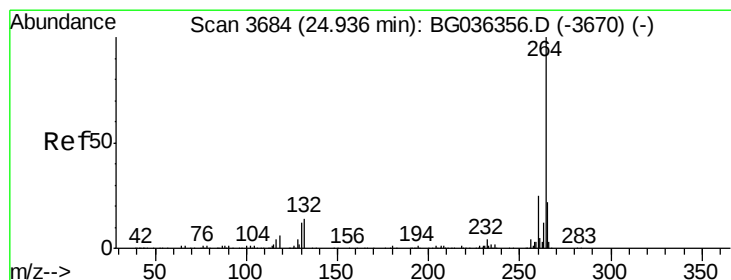
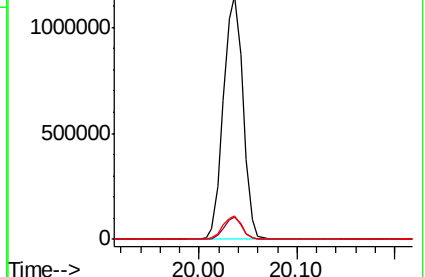
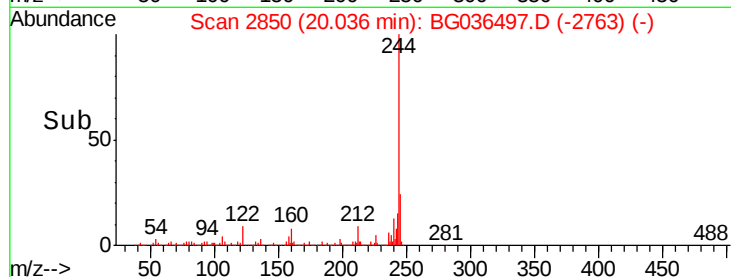
122 9.5 7.1 10.7



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: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036497.D

Acq: 31 Aug 2018 3:19

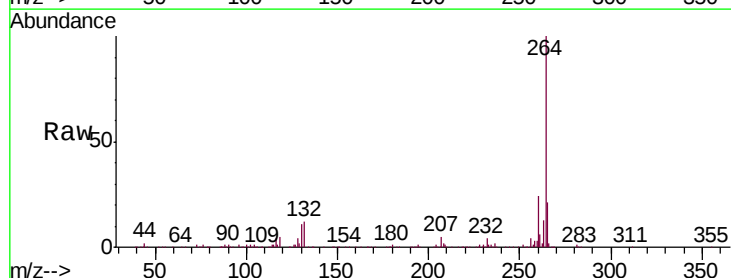
Tgt Ion:264 Resp: 460220

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.5 17.4 26.0



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

