

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034975.D
 Acq On : 8 Jun 2018 6:31
 Operator : SJ/JU
 Sample : PB110005BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BL

Quant Time: Jun 08 07:56:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

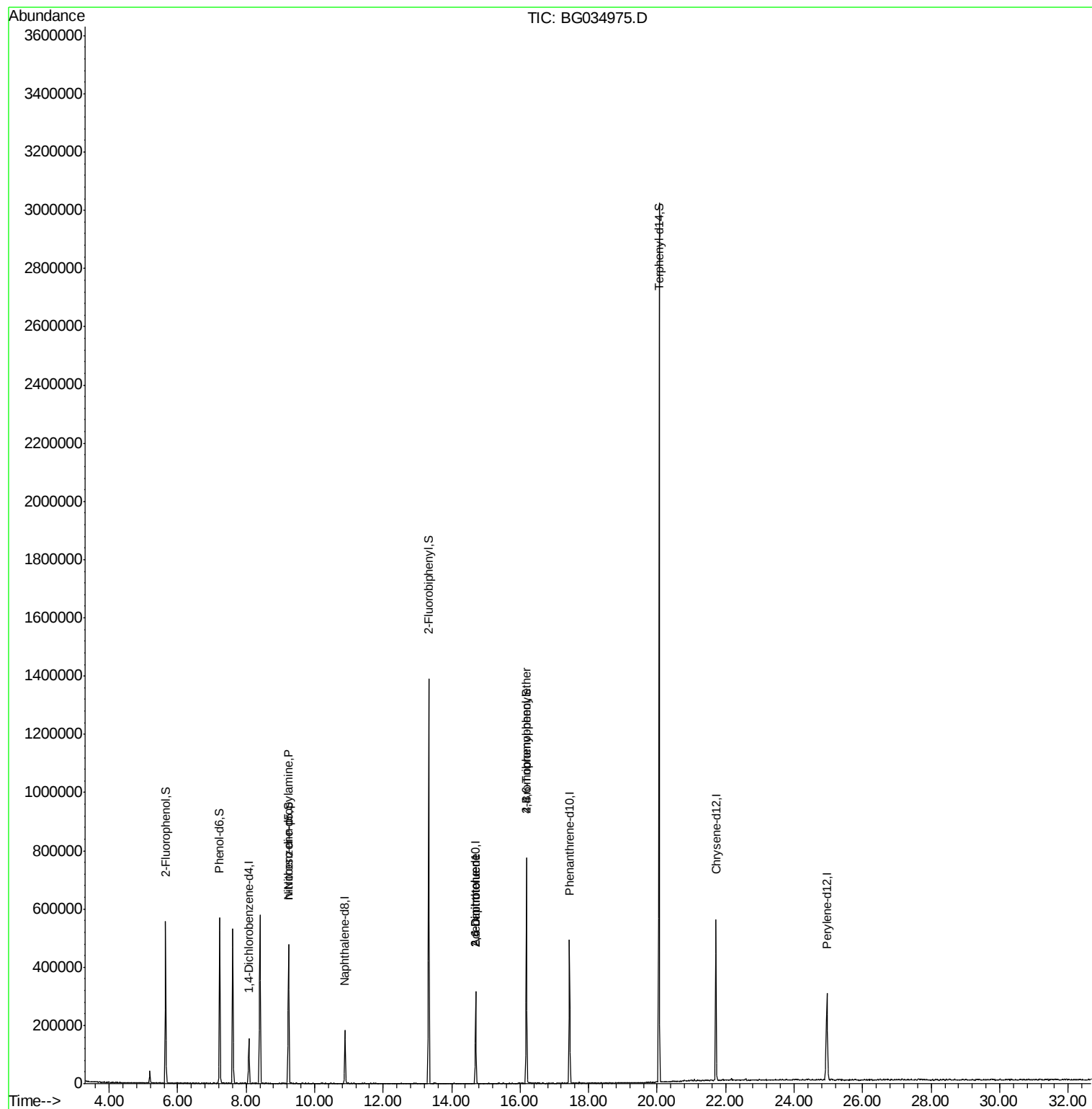
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41048	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	146769	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	109521	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	301552	20.00	ng	0.00
75) Chrysene-d12	21.71	240	334246	20.00	ng	-0.02
86) Perylene-d12	24.95	264	321812	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	220080	90.48	ng	0.00
7) Phenol-d6	7.23	99	325179	90.58	ng	0.00
23) Nitrobenzene-d5	9.23	82	310213	100.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	140006	99.86	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	722195	85.72	ng	0.00
78) Terphenyl-d14	20.05	244	1401173	87.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	42841	14.05	ng	# 69
50) 2,6-Dinitrotoluene	14.70	165	16152	9.27	ng	# 19
56) 2,4-Dinitrotoluene	14.70	165	16152	6.98	ng	# 17
66) 4-Bromophenyl-phenylether	16.18	248	11751	3.24	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

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PB110005BL

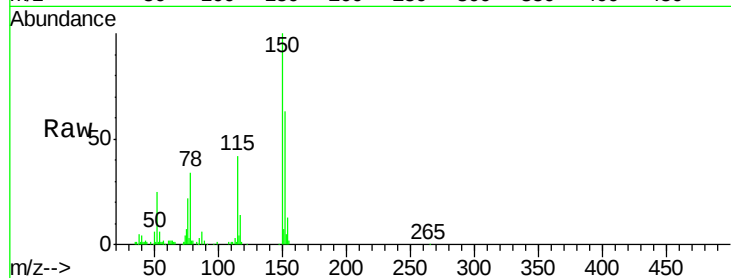
Tot Ion:152 Resp: 41048

Ion Ratio Lower Upper

152 100

150 158.6 126.6 189.8

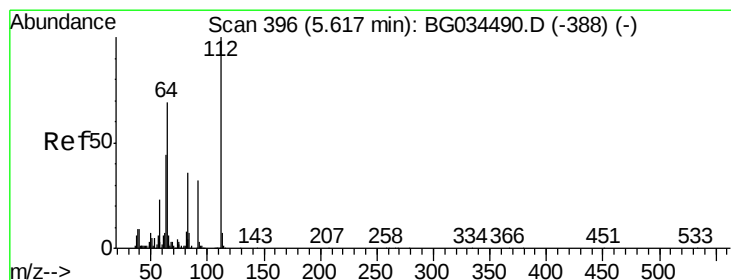
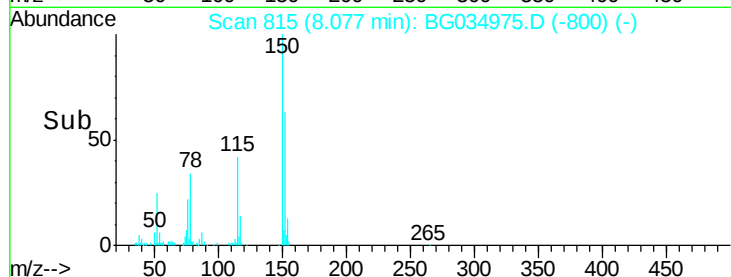
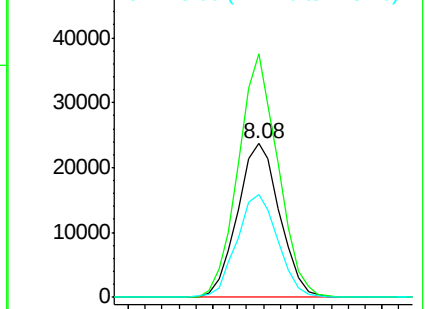
115 66.7 53.0 79.4



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: 90.48 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

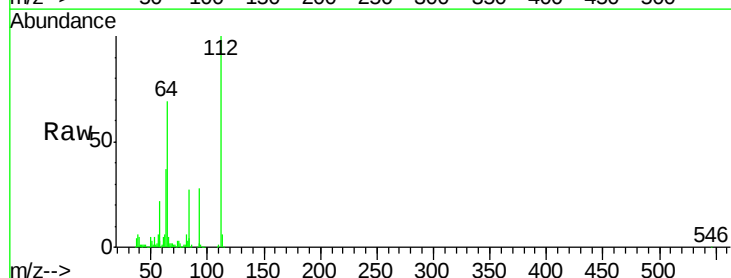
Tgt Ion:112 Resp: 220080

Ion Ratio Lower Upper

112 100

64 69.2 56.3 84.5

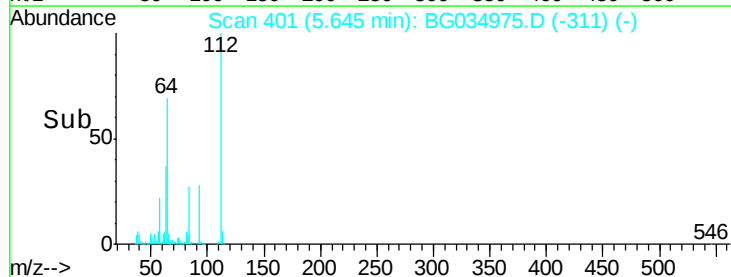
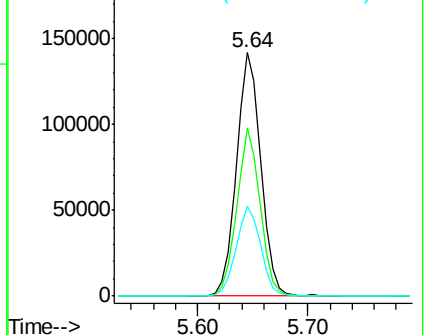
63 37.2 30.1 45.1



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: 90.58 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

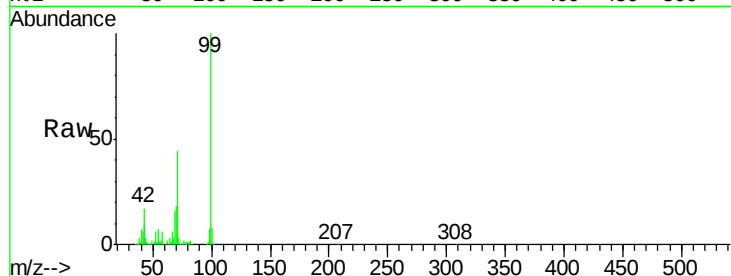
Tot Ion: 99 Resp: 325179

Ion Ratio Lower Upper

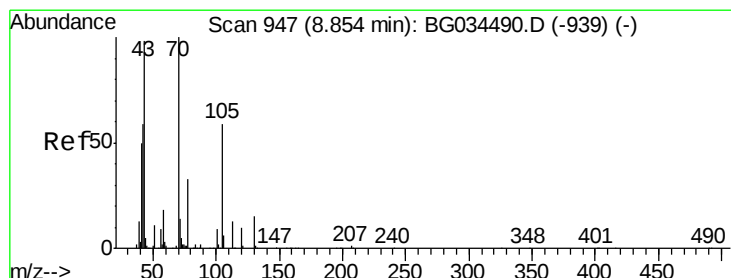
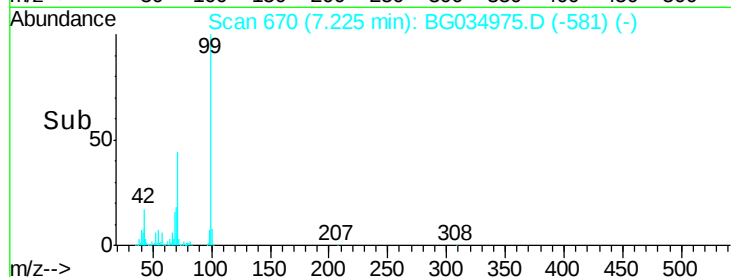
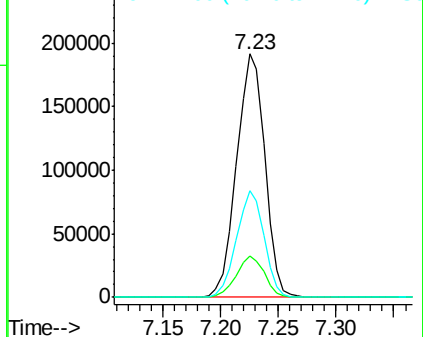
99 100

42 16.8 14.1 21.1

71 43.9 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: 14.05 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.34 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Tgt Ion: 70 Resp: 42841

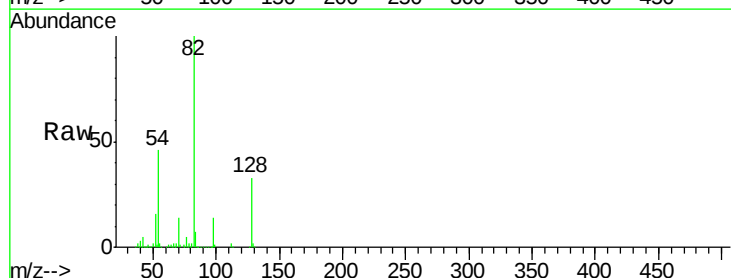
Ion Ratio Lower Upper

70 100

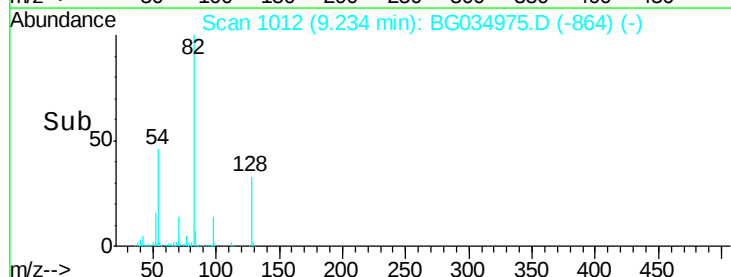
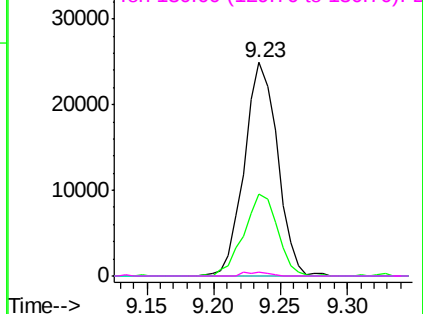
42 38.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 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

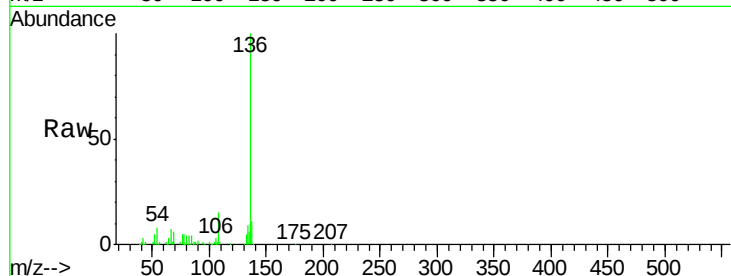




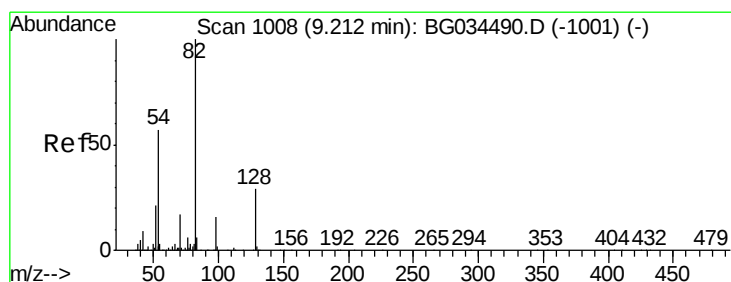
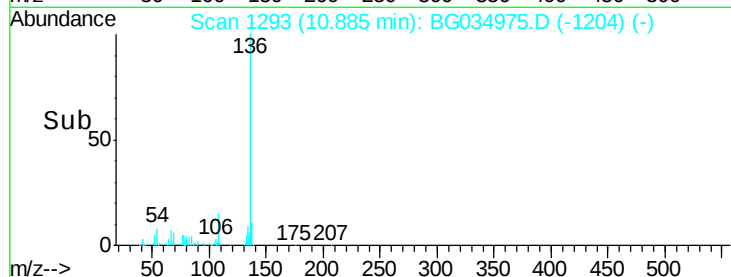
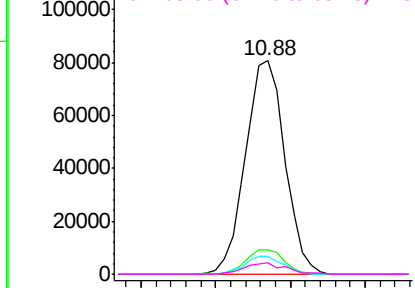
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034975.D
Acq: 8 Jun 2018 6:31

Instrument :
BNA_G
ClientSampleId :
PB110005BL

Tot Ion:136	Resp: 146769
Ion Ratio	Lower Upper
136 100	
137 11.5	9.2 13.8
54 8.2	10.3 15.5#
68 5.5	4.5 6.7

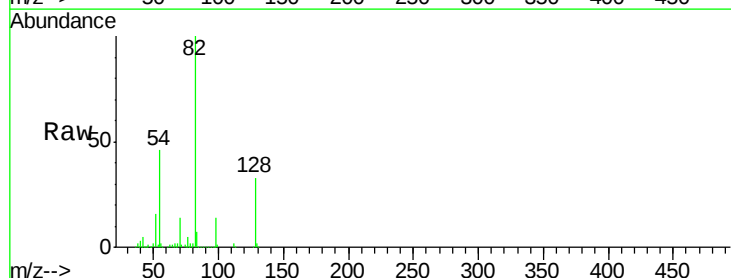


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

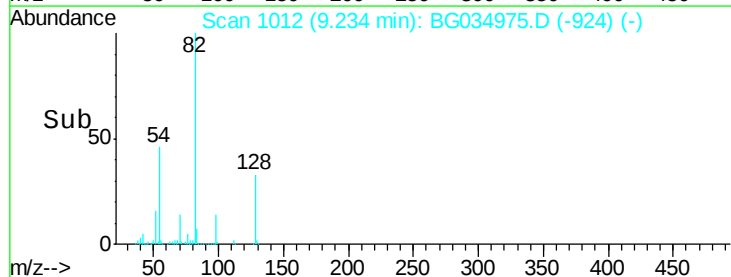
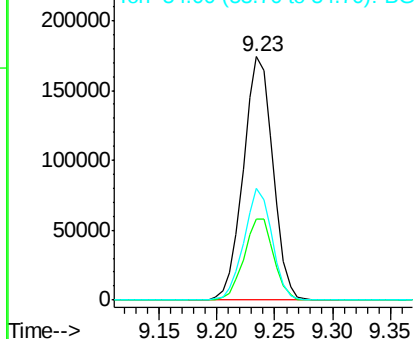


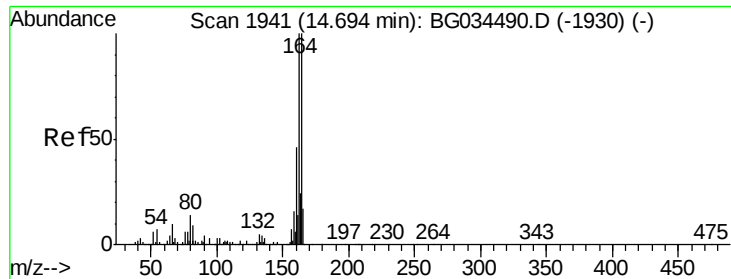
#23
Nitrobenzene-d5
Concen: 100.47 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034975.D
Acq: 8 Jun 2018 6:31

Tgt Ion	82	Resp: 310213	
	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	45.8	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

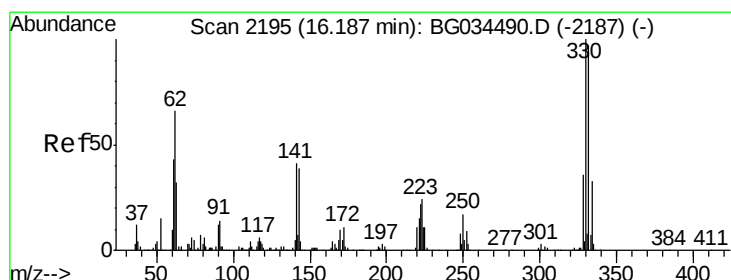
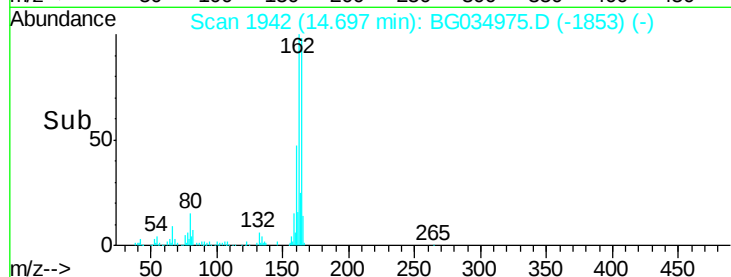
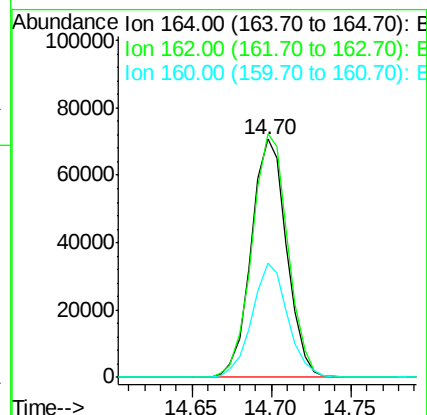
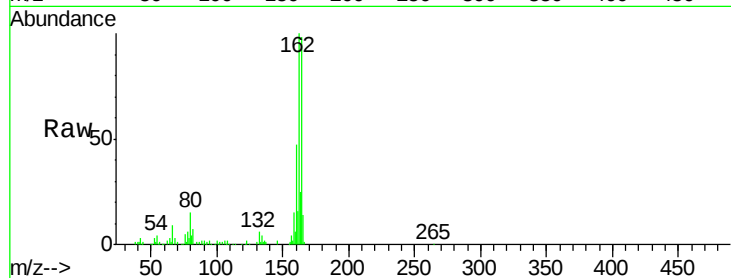
Tot Ion:164 Resp: 109521

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

160 48.0 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 99.86 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

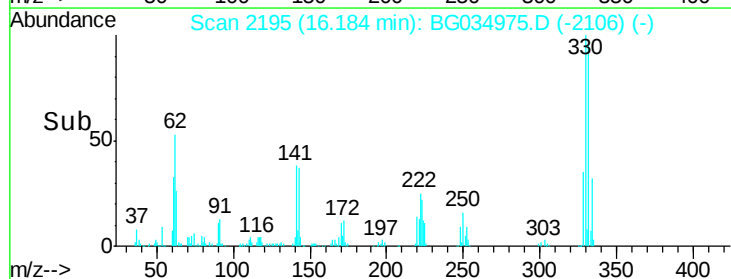
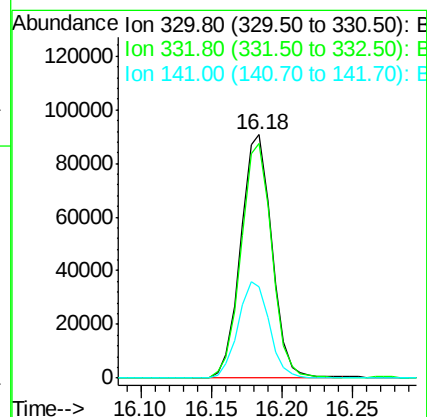
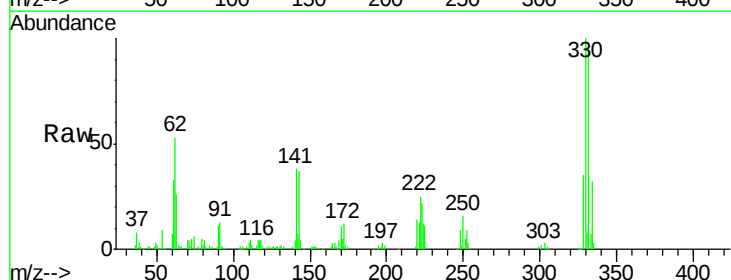
Tgt Ion:330 Resp: 140006

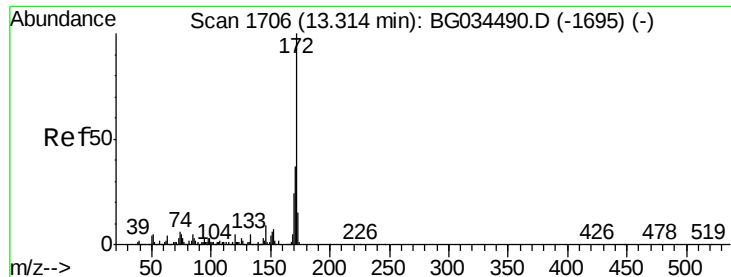
Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

141 39.9 25.2 37.8#

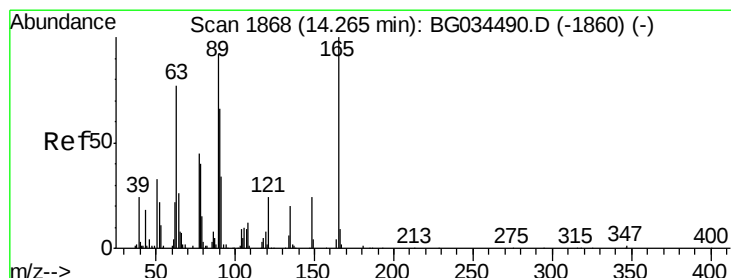
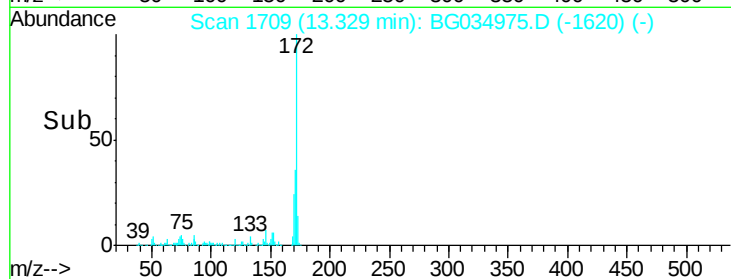
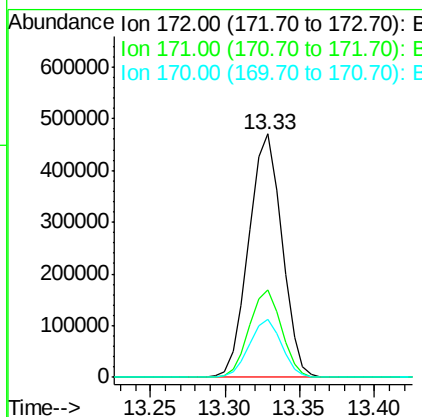
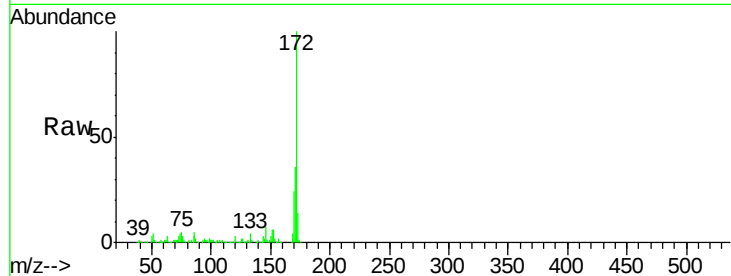




#44
2-Fluorobiphenyl
Concen: 85.72 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034975.D
Acq: 8 Jun 2018 6:31

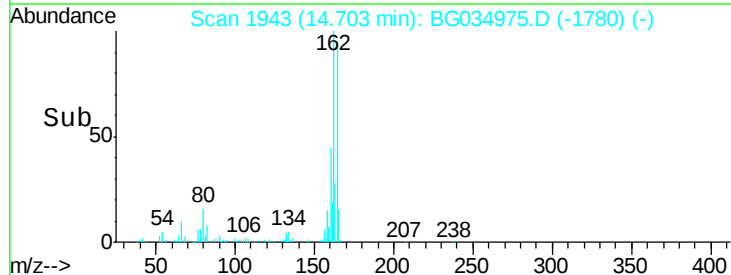
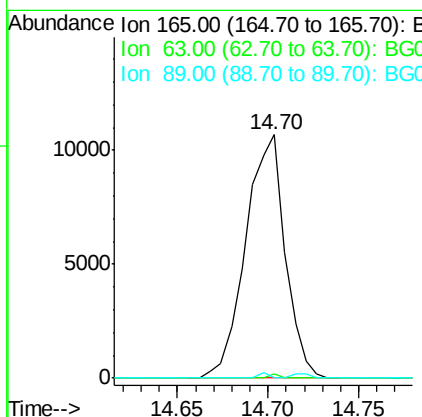
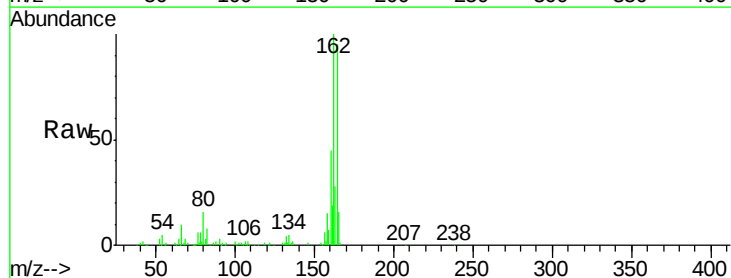
Instrument :
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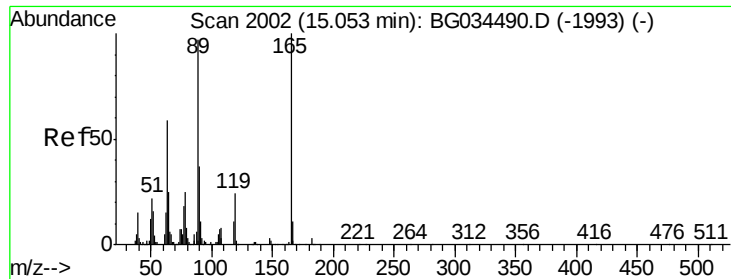
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	23.9	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 9.27 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.42 min
Lab File: BG034975.D
Acq: 8 Jun 2018 6:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	52.7	79.1#
89	0.0	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 6.98 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.36 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

Tot Ion:165 Resp: 16152

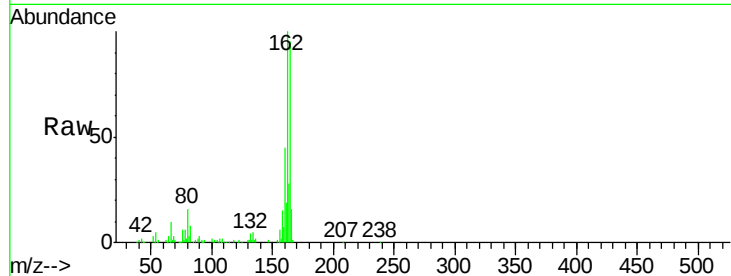
Ion Ratio Lower Upper

165 100

63 1.6 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

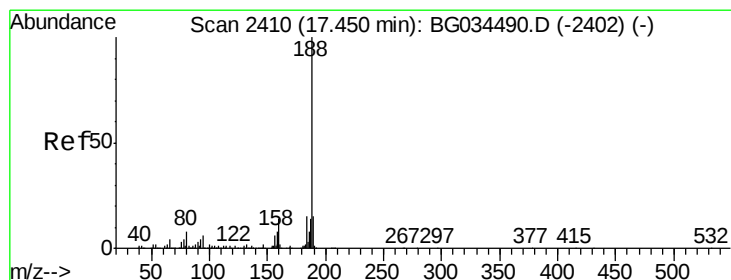
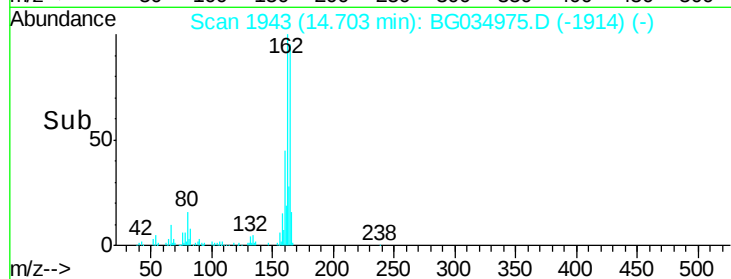
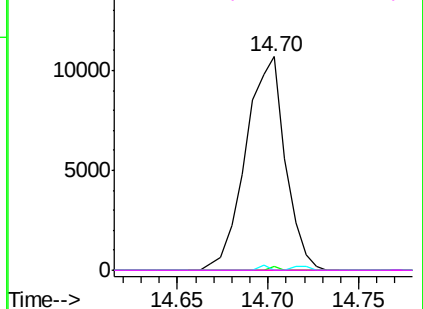


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

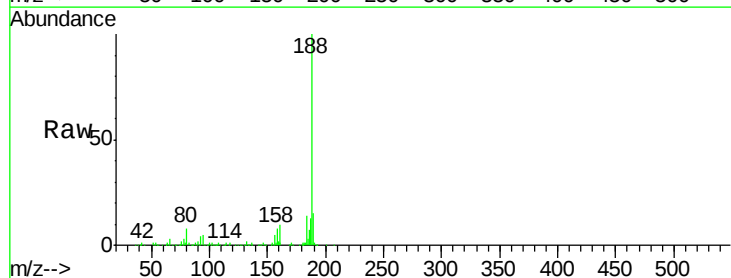
Tgt Ion:188 Resp: 301552

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

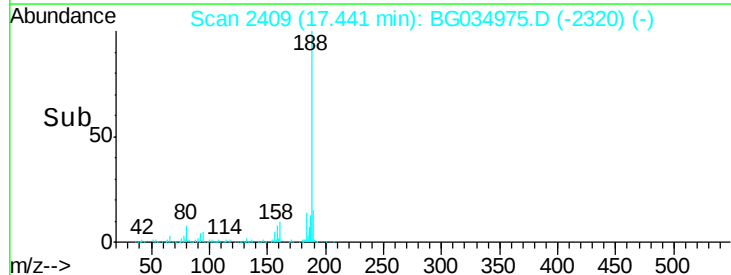
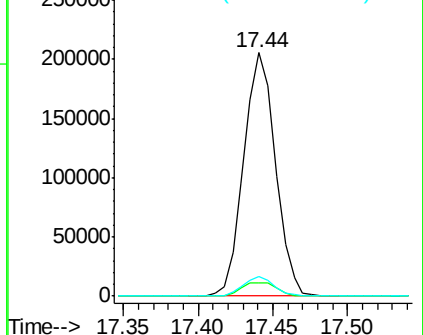
80 8.0 7.7 11.5



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

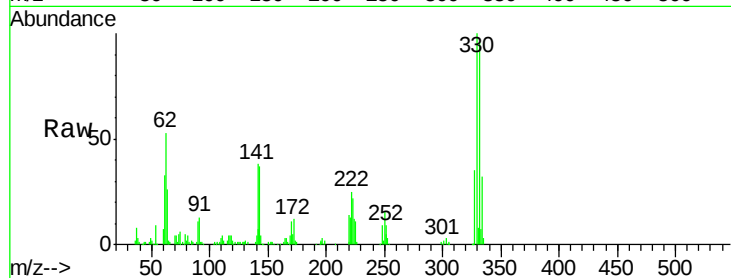




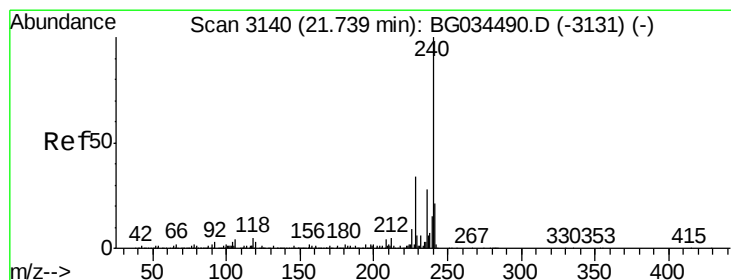
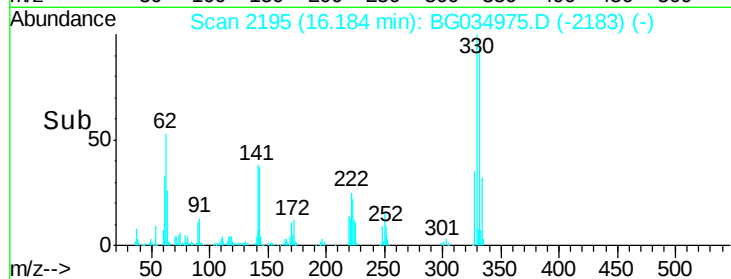
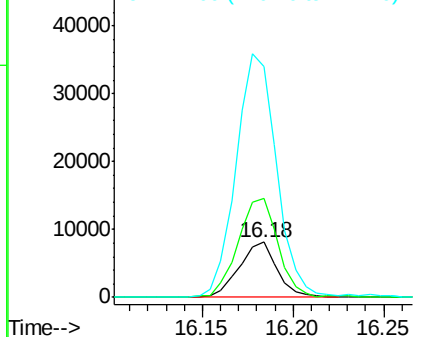
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034975.D
Acq: 8 Jun 2018 6:31

Instrument :
BNA_G
ClientSampleId :
PB110005BL

Tot Ion:248 Resp: 11751
Ion Ratio Lower Upper
248 100
250 178.6 77.1 115.7#
141 420.0 50.8 76.2#

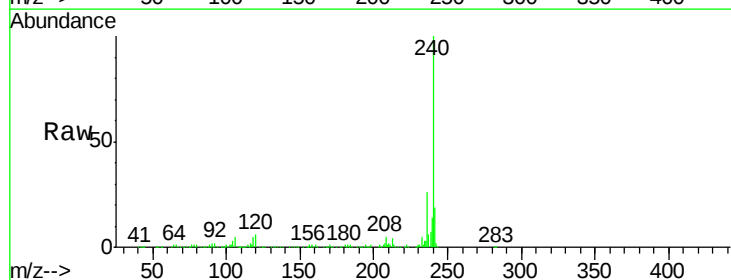


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

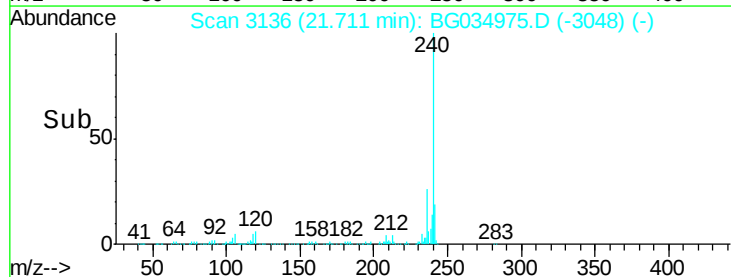
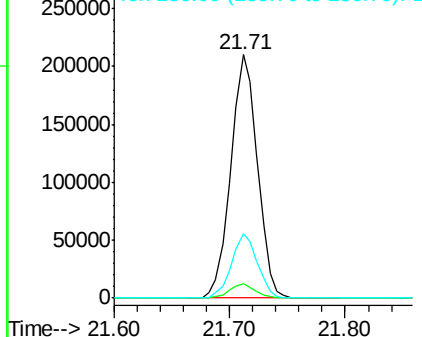


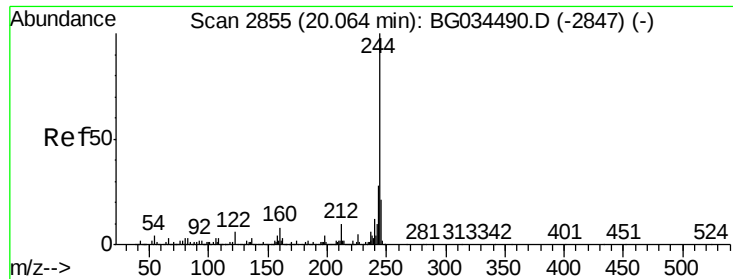
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034975.D
Acq: 8 Jun 2018 6:31

Tgt Ion:240 Resp: 334246
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.4 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





#78

Terphenyl-d14

Concen: 87.81 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

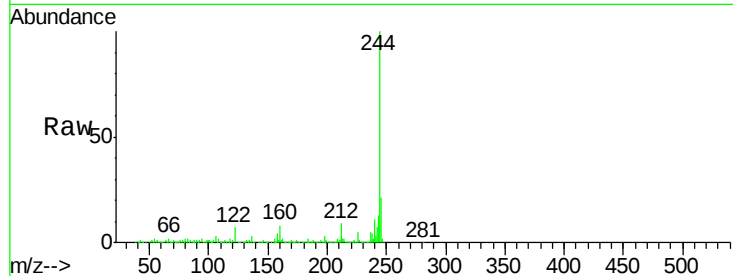
Tot Ion:244 Resp: 1401173

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

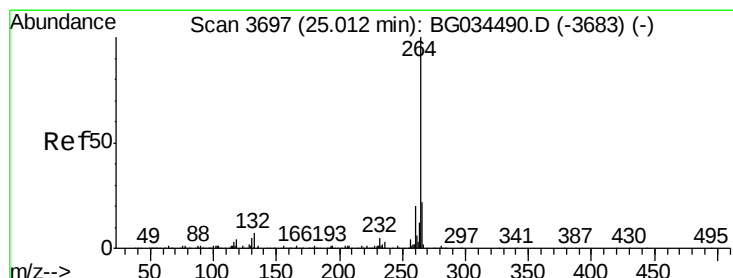
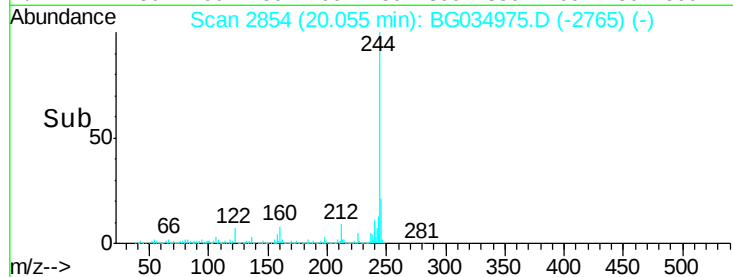
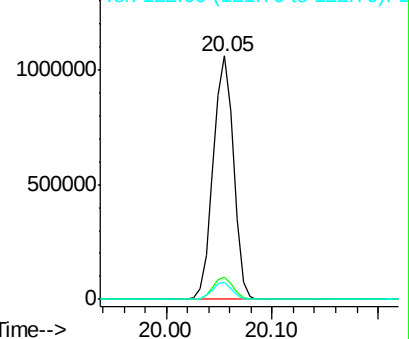
122 7.0 7.0 10.4



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: 20.00 ng

RT: 24.95 min Scan# 3688

Delta R.T. -0.03 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

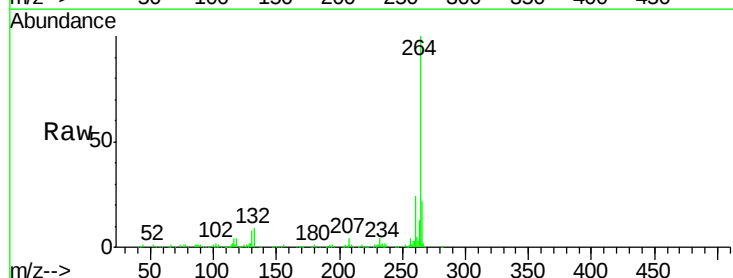
Tgt Ion:264 Resp: 321812

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.2 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

