

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034962.D
 Acq On : 7 Jun 2018 21:20
 Operator : SJ/JU
 Sample : J3252-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-060618

Quant Time: Jun 08 04:33:16 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

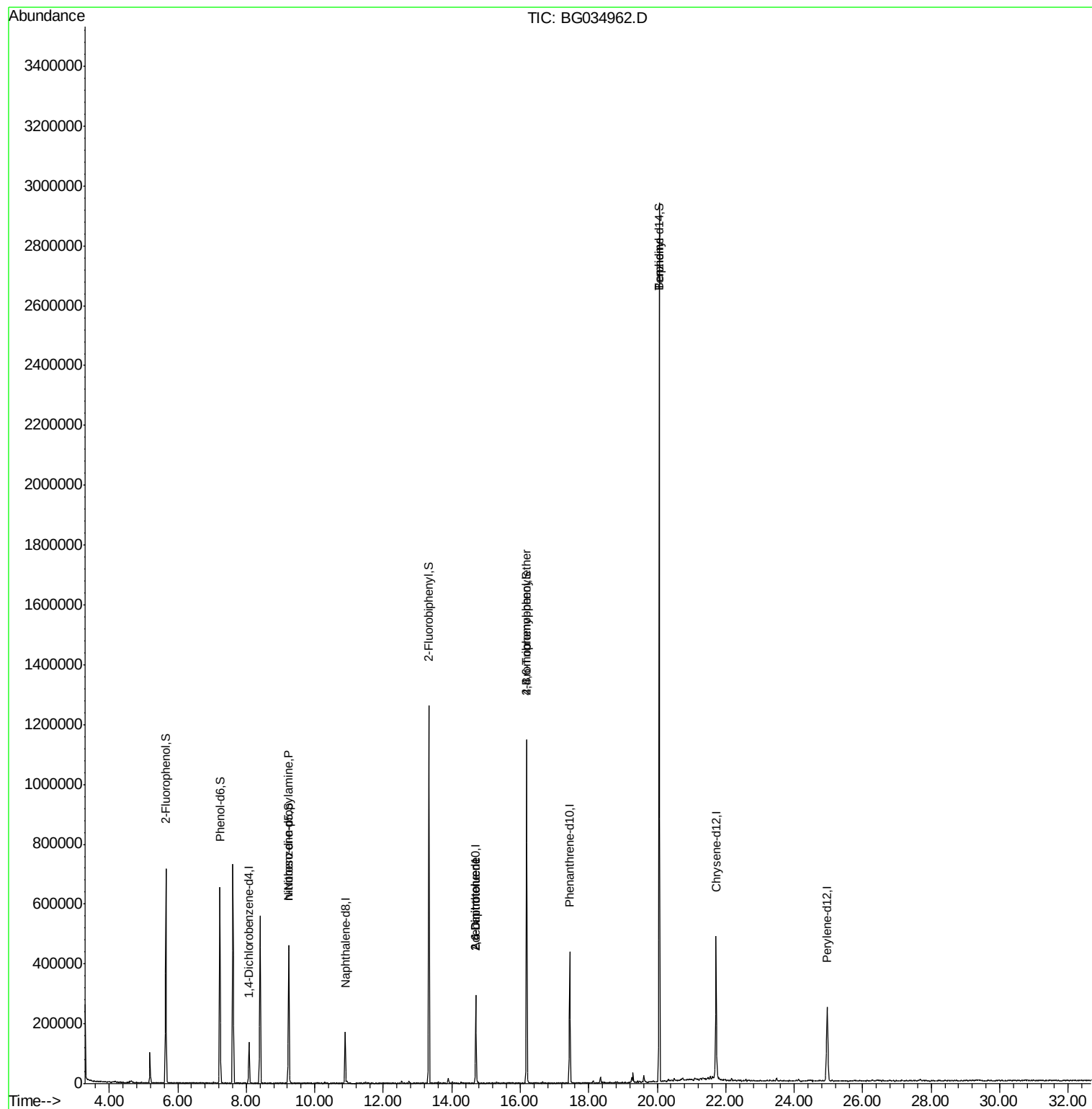
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37253	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	136852	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	98547	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	264517	20.00	ng	0.00
75) Chrysene-d12	21.72	240	285632	20.00	ng	-0.01
86) Perylene-d12	24.96	264	277840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	283876	128.60	ng	0.00
7) Phenol-d6	7.23	99	372481	114.33	ng	0.00
23) Nitrobenzene-d5	9.24	82	294289	102.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	198969	157.72	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	668355	88.17	ng	0.00
78) Terphenyl-d14	20.06	244	1301990	95.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	41468	14.98	ng	# 77
50) 2,6-Dinitrotoluene	14.70	165	13156	8.39	ng	# 18
56) 2,4-Dinitrotoluene	14.70	165	13156	6.32	ng	# 16
66) 4-Bromophenyl-phenylether	16.18	248	15895	4.99	ng	# 1
76) Benzidine	20.06	184	25100	2.36	ng	# 94

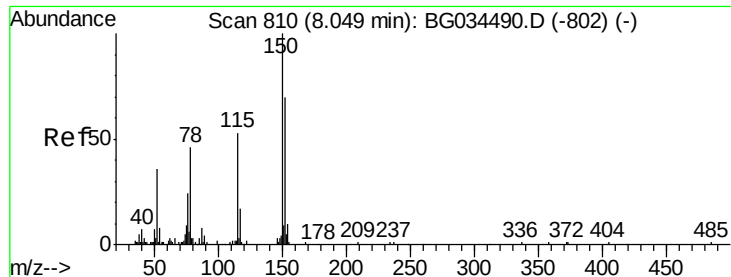
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG034962.D

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BNA_G

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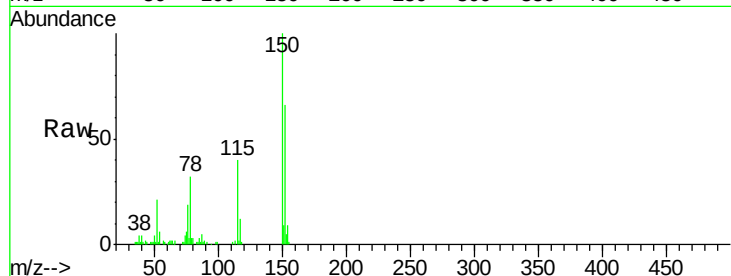
Tot Ion:152 Resp: 37253

Ion Ratio Lower Upper

152 100

150 152.2 126.6 189.8

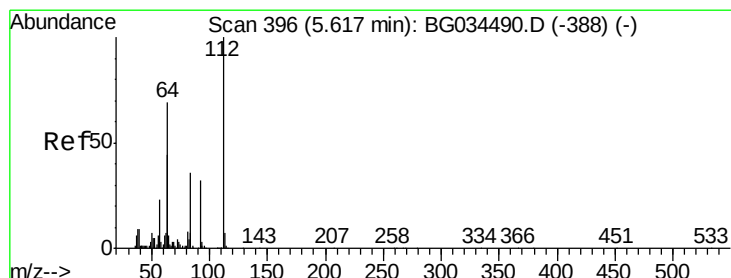
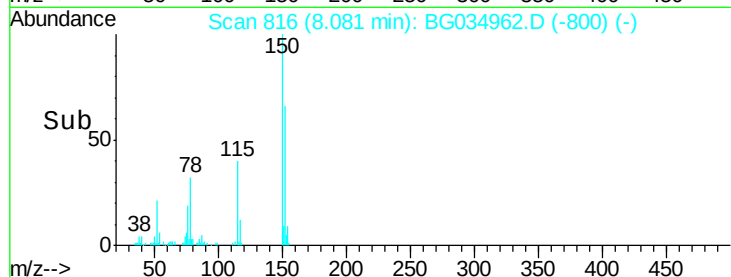
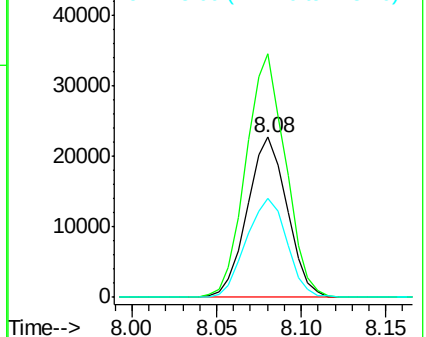
115 61.5 53.0 79.4



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: 128.60 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

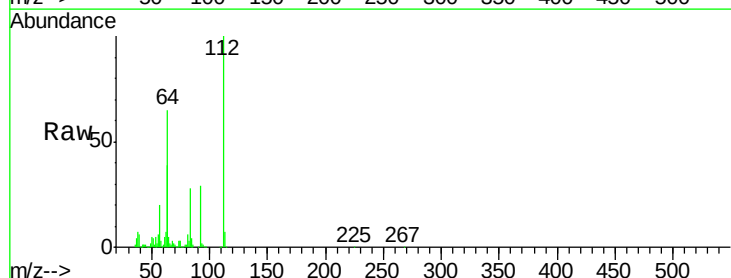
Tgt Ion:112 Resp: 283876

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

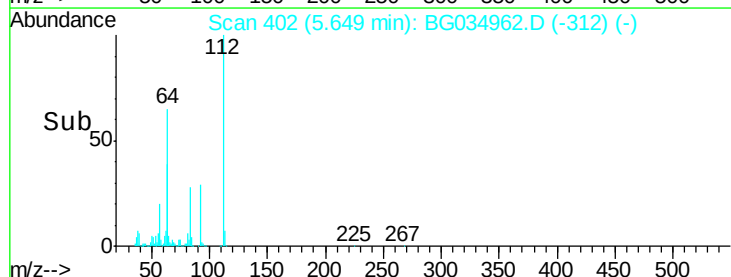
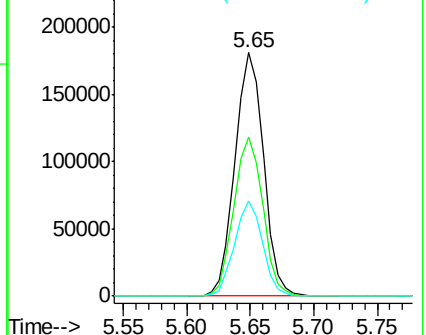
63 39.0 30.1 45.1

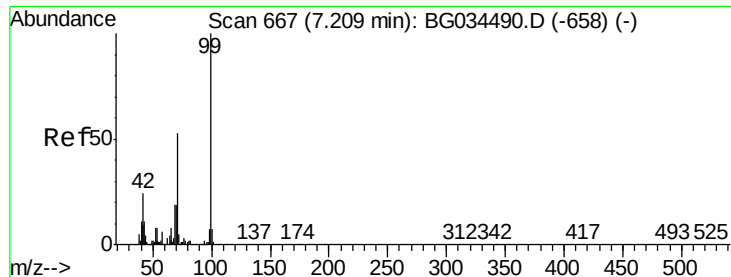


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.33 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

Instrument :

BNA_G

ClientSampleId :

TR-04-060618

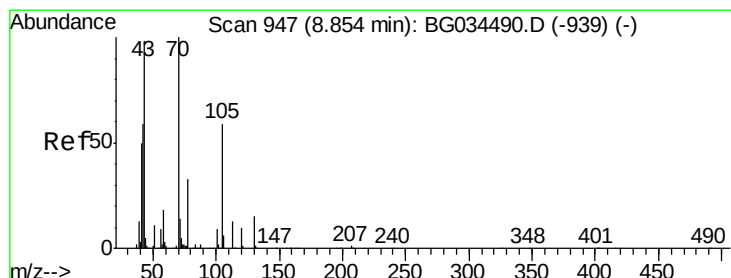
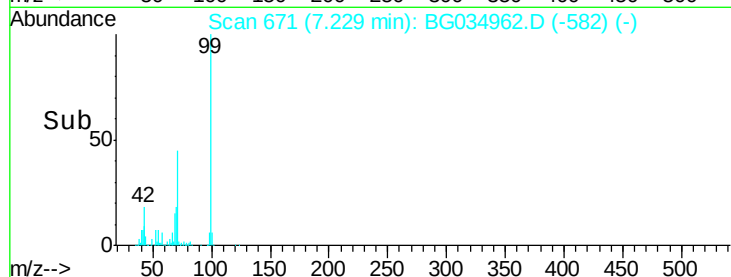
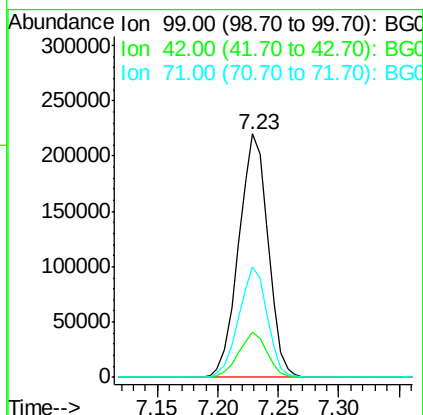
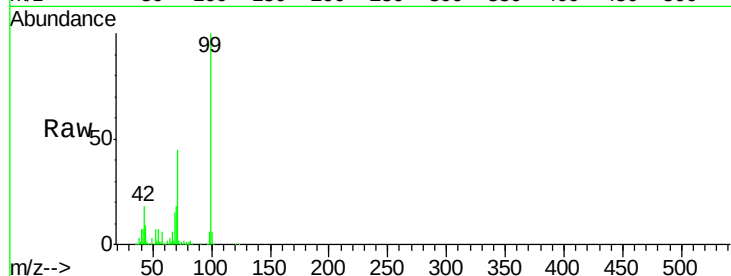
Tot Ion: 99 Resp: 372481

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 45.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.98 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.34 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

Tgt Ion: 70 Resp: 41468

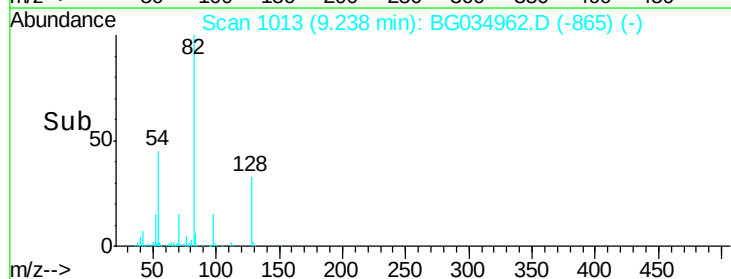
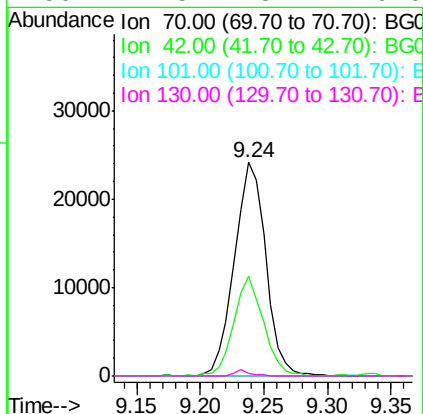
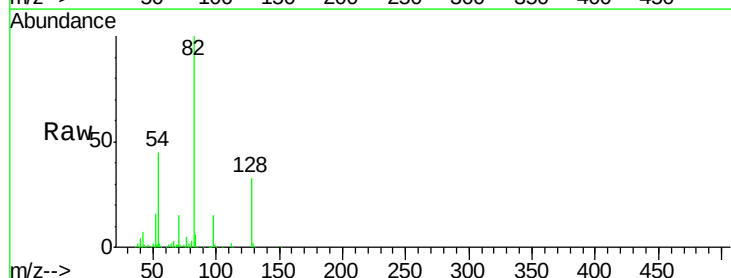
Ion Ratio Lower Upper

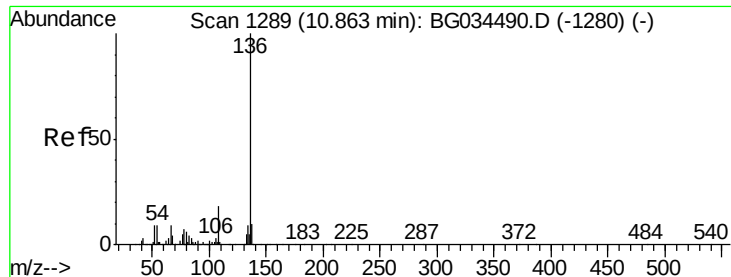
70 100

42 47.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

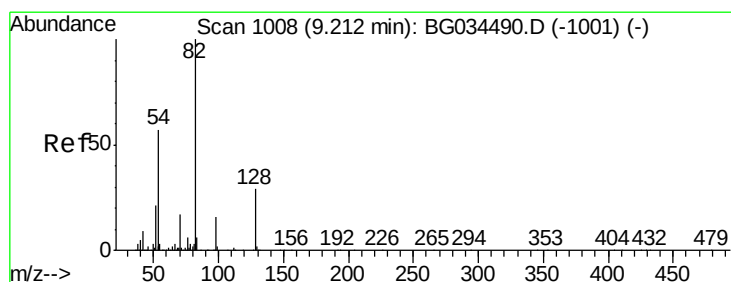
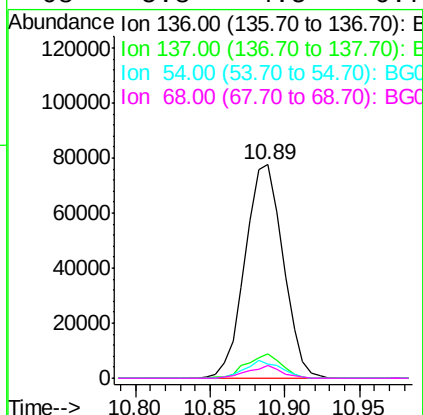
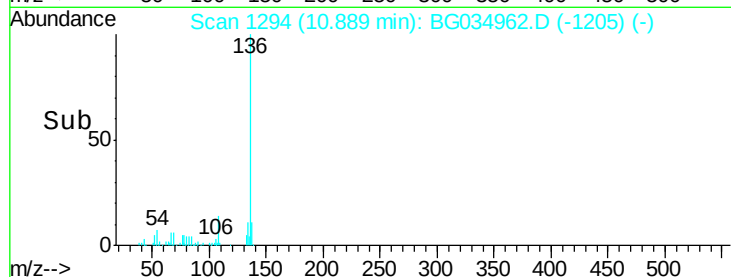
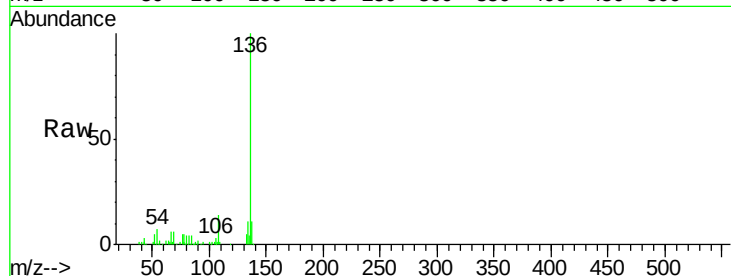




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

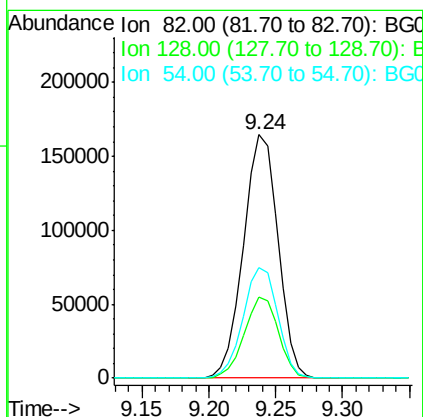
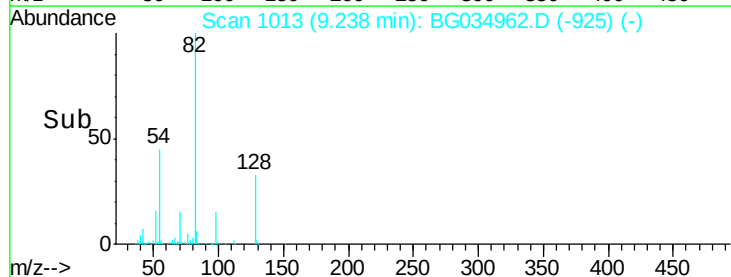
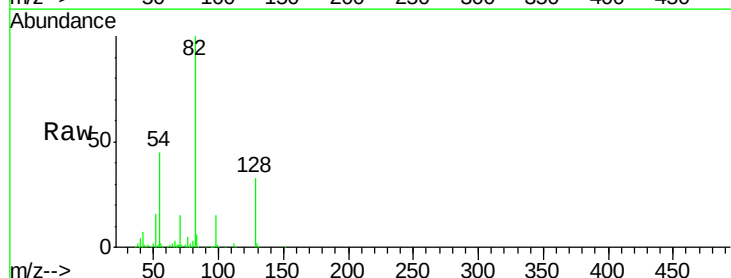
Instrument :
BNA_G
ClientSampleId :
TR-04-060618

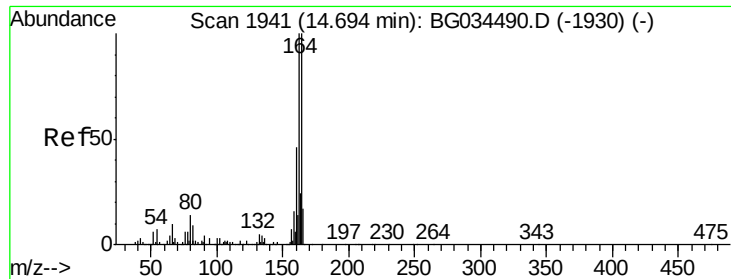
Tot Ion:136	Resp:	136852	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 6.9	10.3	15.5#	
68 5.8	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 102.22 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

Tgt Ion: 82	Resp: 294289
Ion Ratio	Lower Upper
82 100	
128 33.4	29.7 44.5
54 45.5	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

Instrument :

BNA_G

ClientSampleId :

TR-04-060618

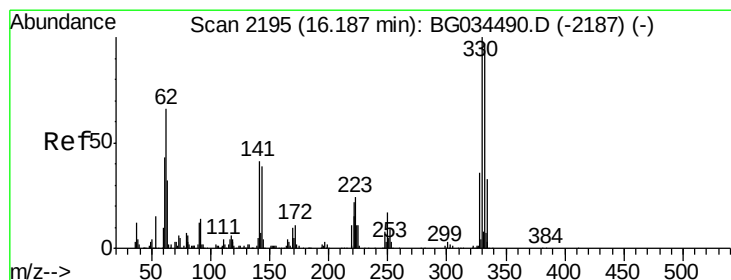
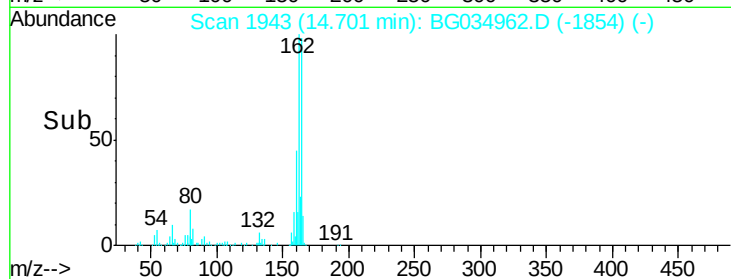
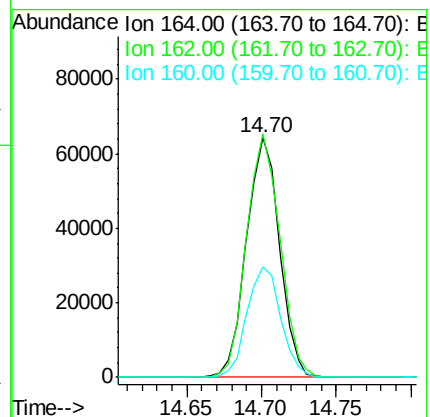
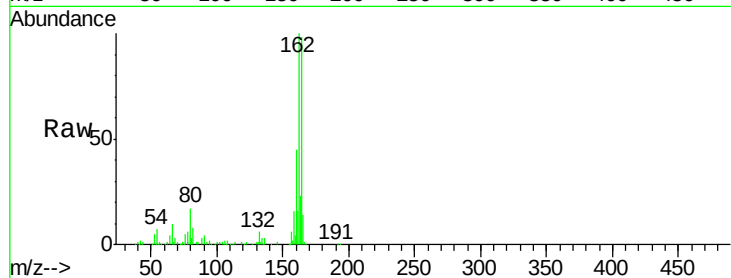
Tot Ion:164 Resp: 98547

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

160 46.2 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 157.72 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

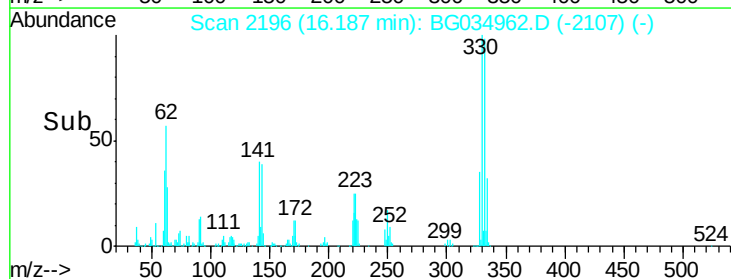
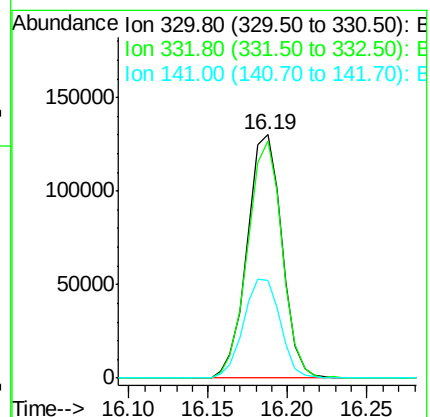
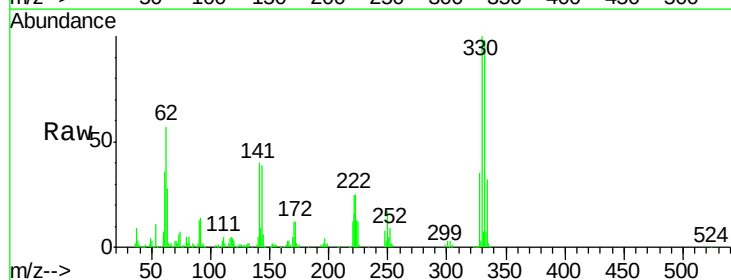
Tgt Ion:330 Resp: 198969

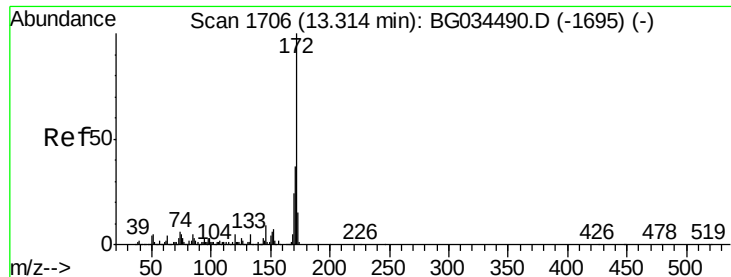
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 42.8 25.2 37.8#





#44

2-Fluorobiphenyl

Concen: 88.17 ng

RT: 13.33 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

Instrument :

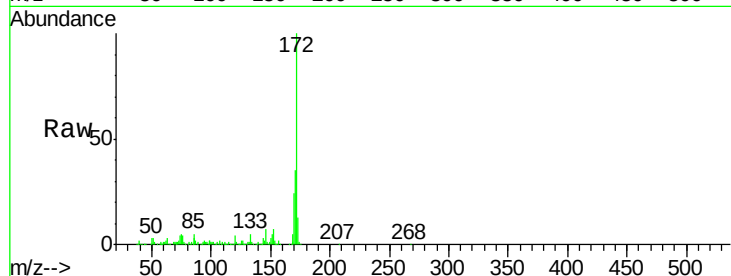
BNA_G

ClientSampleId :

TR-04-060618

Tot Ion:172 Resp: 668355

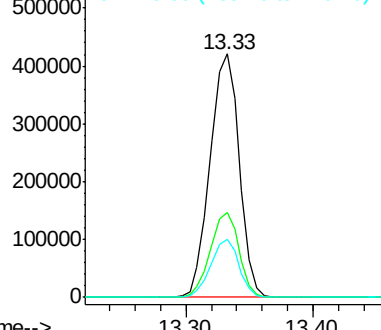
Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.7	19.5	29.3



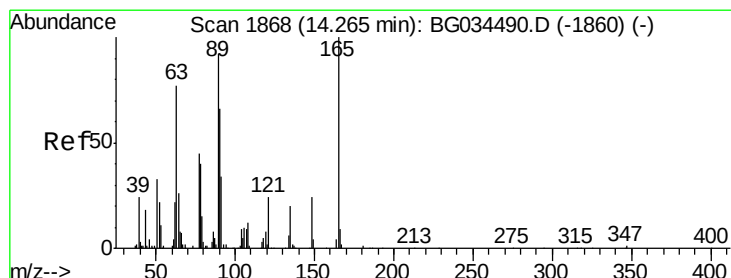
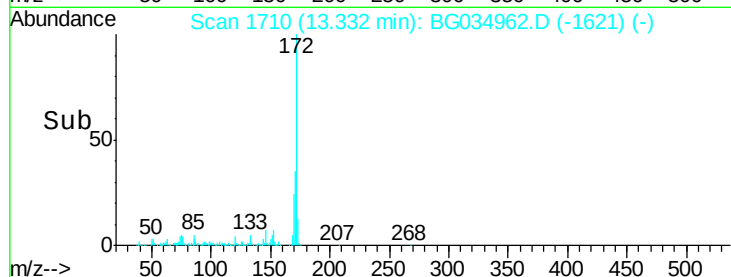
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#50

2,6-Dinitrotoluene

Concen: 8.39 ng

RT: 14.70 min Scan# 1943

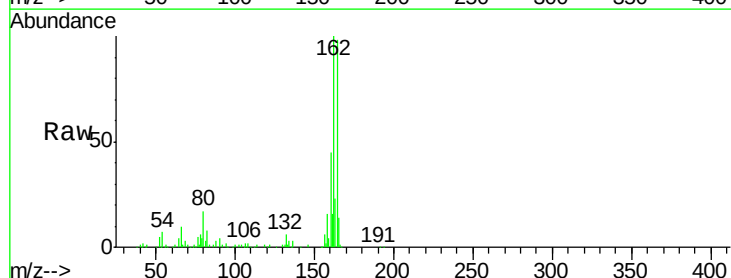
Delta R.T. 0.42 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

Tgt Ion:165 Resp: 13156

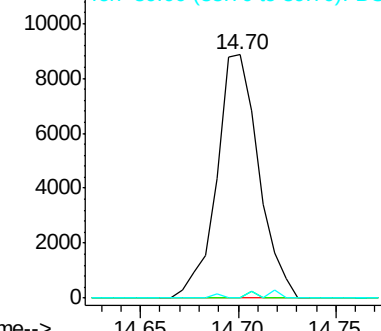
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



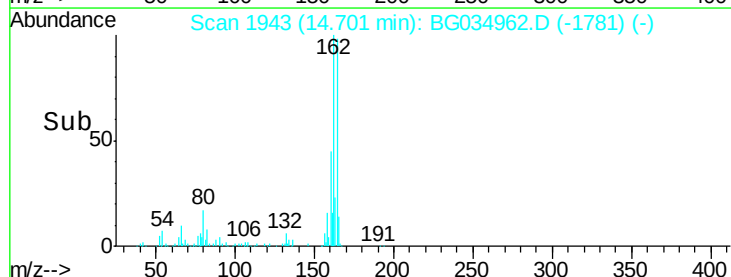
Abundance Ion 165.00 (164.70 to 165.70): E

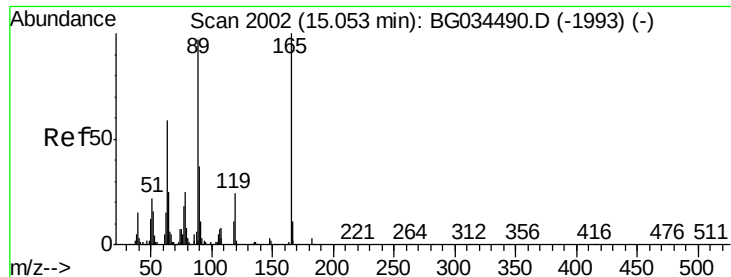
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time-->

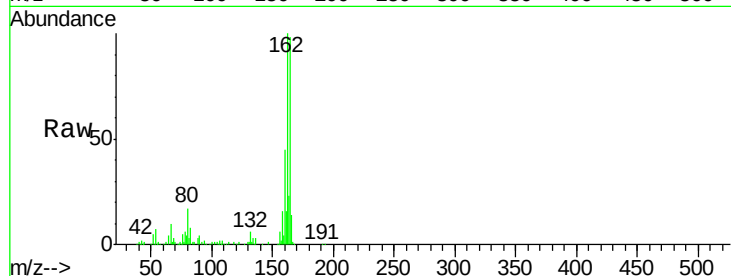




#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.36 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

Instrument :
BNA_G
ClientSampleId :
TR-04-060618

Tot Ion:165 Resp: 13156
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

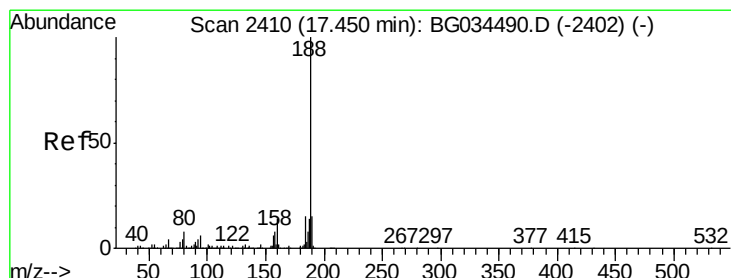
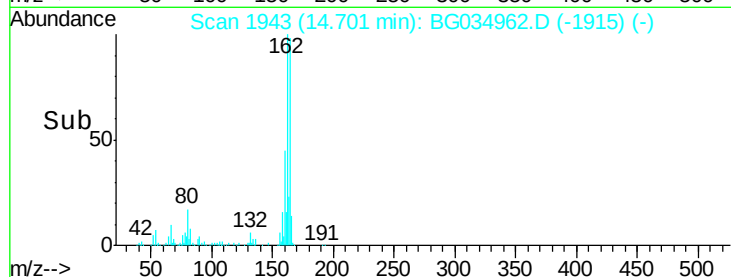
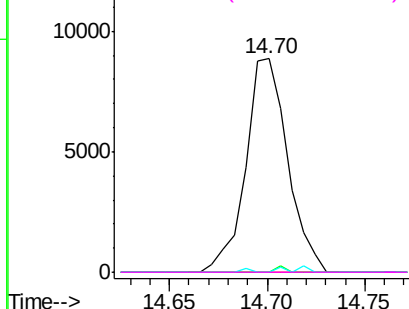


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

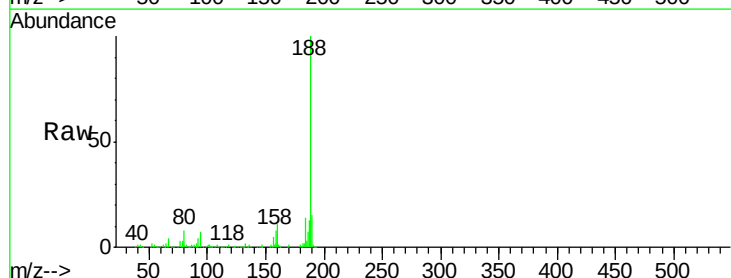
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

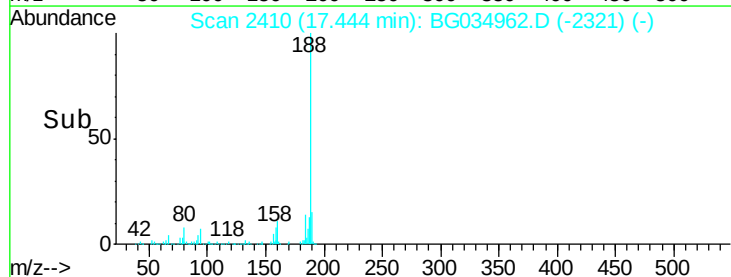
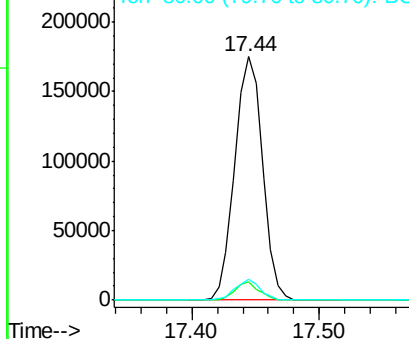
Tgt Ion:188 Resp: 264517
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.4 7.7 11.5

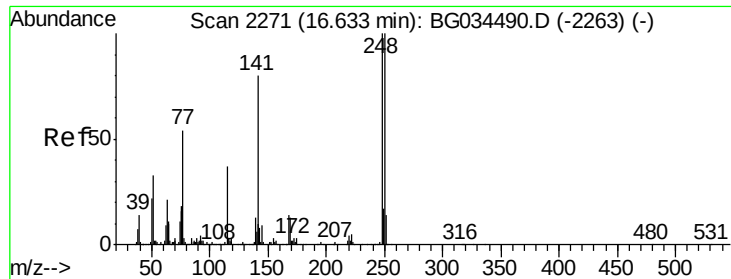


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

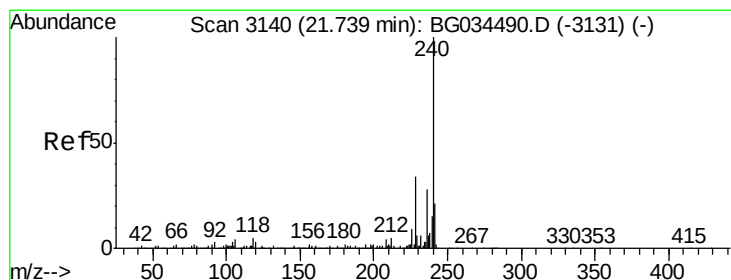
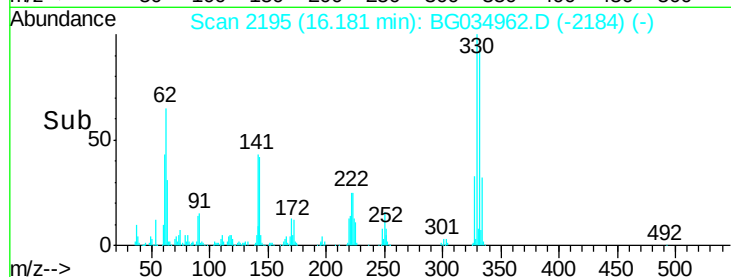
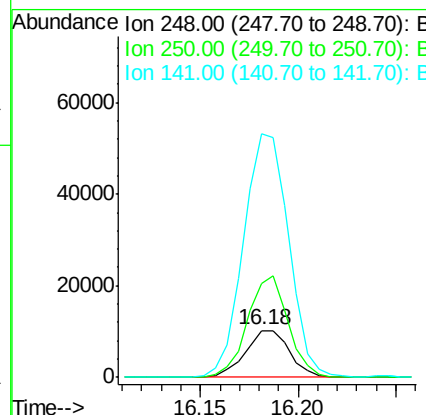
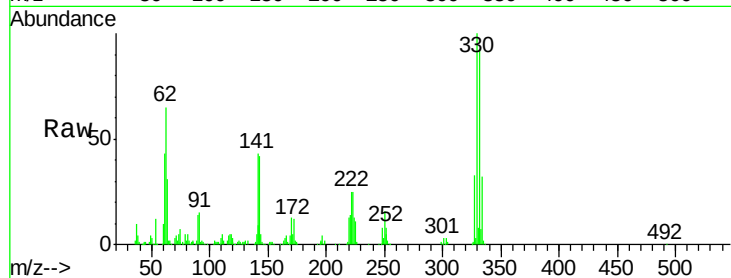




#66
4-Bromophenyl-phenylether
Concen: 4.99 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

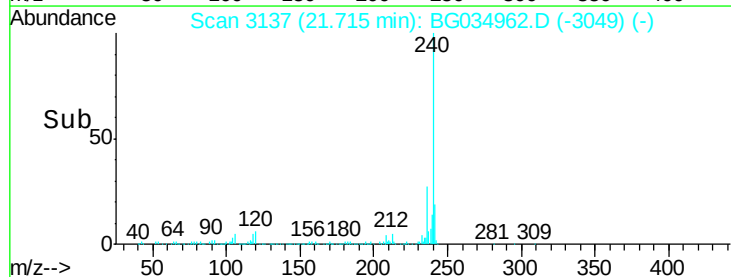
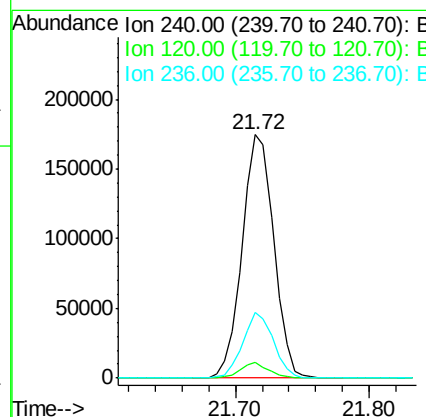
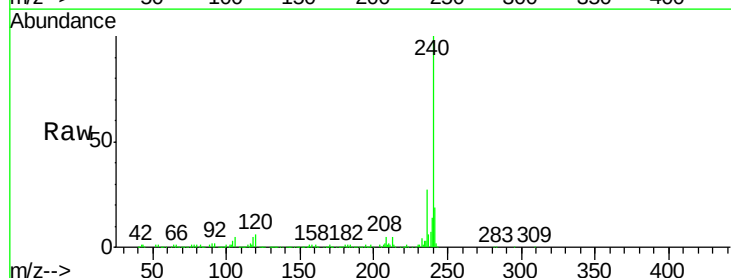
Instrument :
BNA_G
ClientSampleId :
TR-04-060618

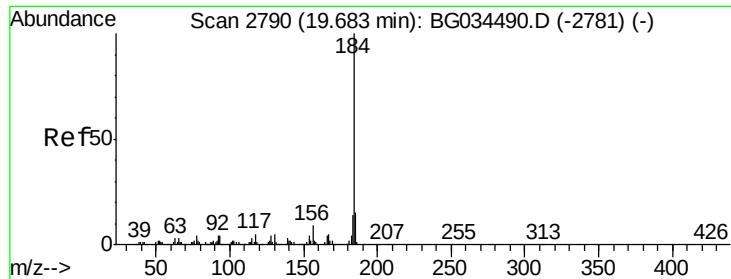
Tot Ion:248 Resp: 15895
Ion Ratio Lower Upper
248 100
250 199.4 77.1 115.7#
141 518.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

Tgt Ion:240 Resp: 285632
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.8 20.9 31.3





#76

Benzidine

Concen: 2.36 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.38 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

Instrument :

BNA_G

ClientSampleId :

TR-04-060618

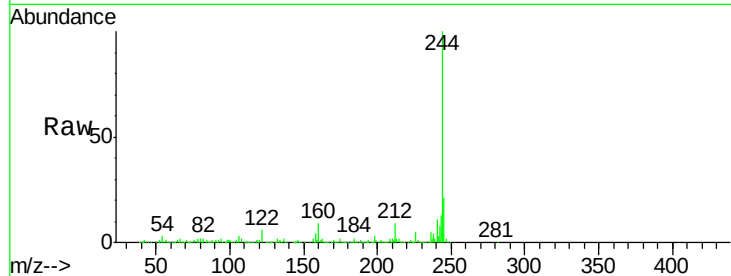
Tot Ion:184 Resp: 25100

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

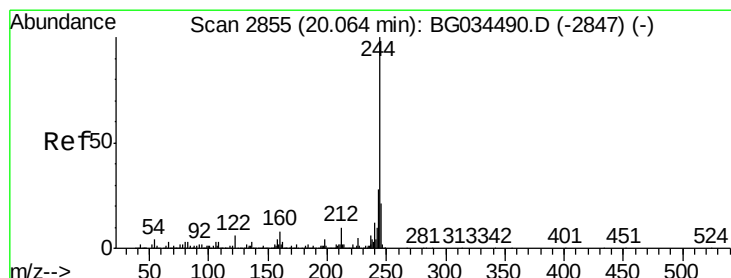
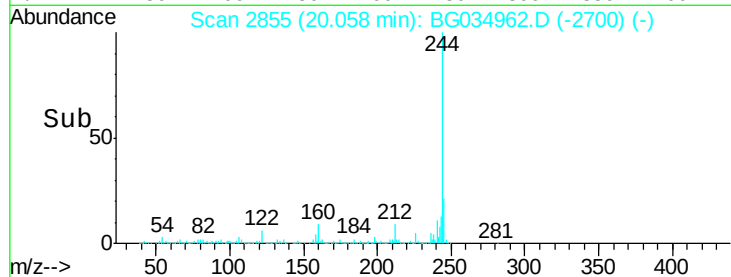
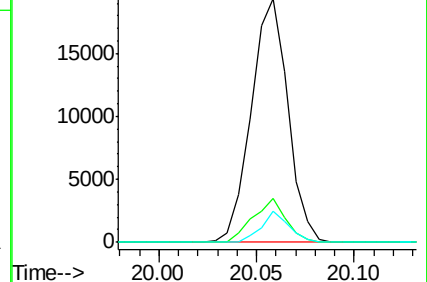
183 12.9 10.6 16.0



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: 95.48 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG034962.D

Acq: 7 Jun 2018 21:20

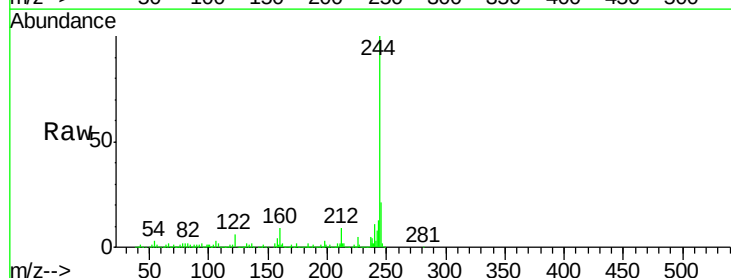
Tgt Ion:244 Resp: 1301990

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

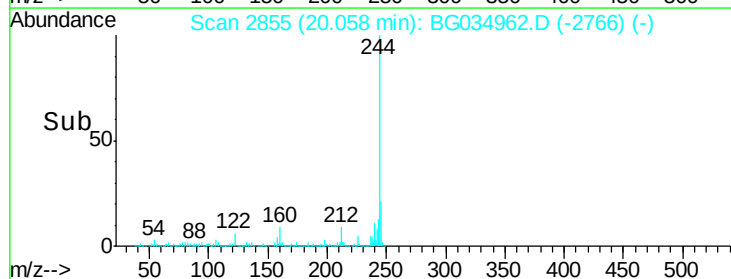
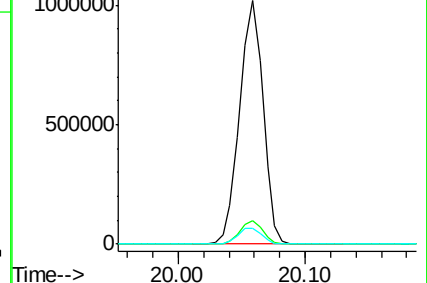
122 6.3 7.0 10.4#

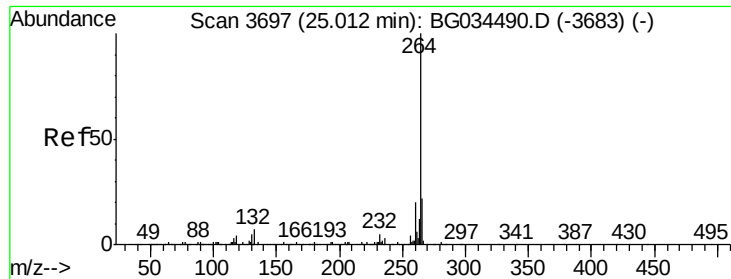


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.96 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG034962.D
Acq: 7 Jun 2018 21:20

Instrument :
BNA_G
ClientSampleId :
TR-04-060618

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.6	17.7	26.5

