

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034976.D
 Acq On : 8 Jun 2018 7:10
 Operator : SJ/JU
 Sample : J3323-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 060418-JETT-E-D-B

Quant Time: Jun 08 07:56:09 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

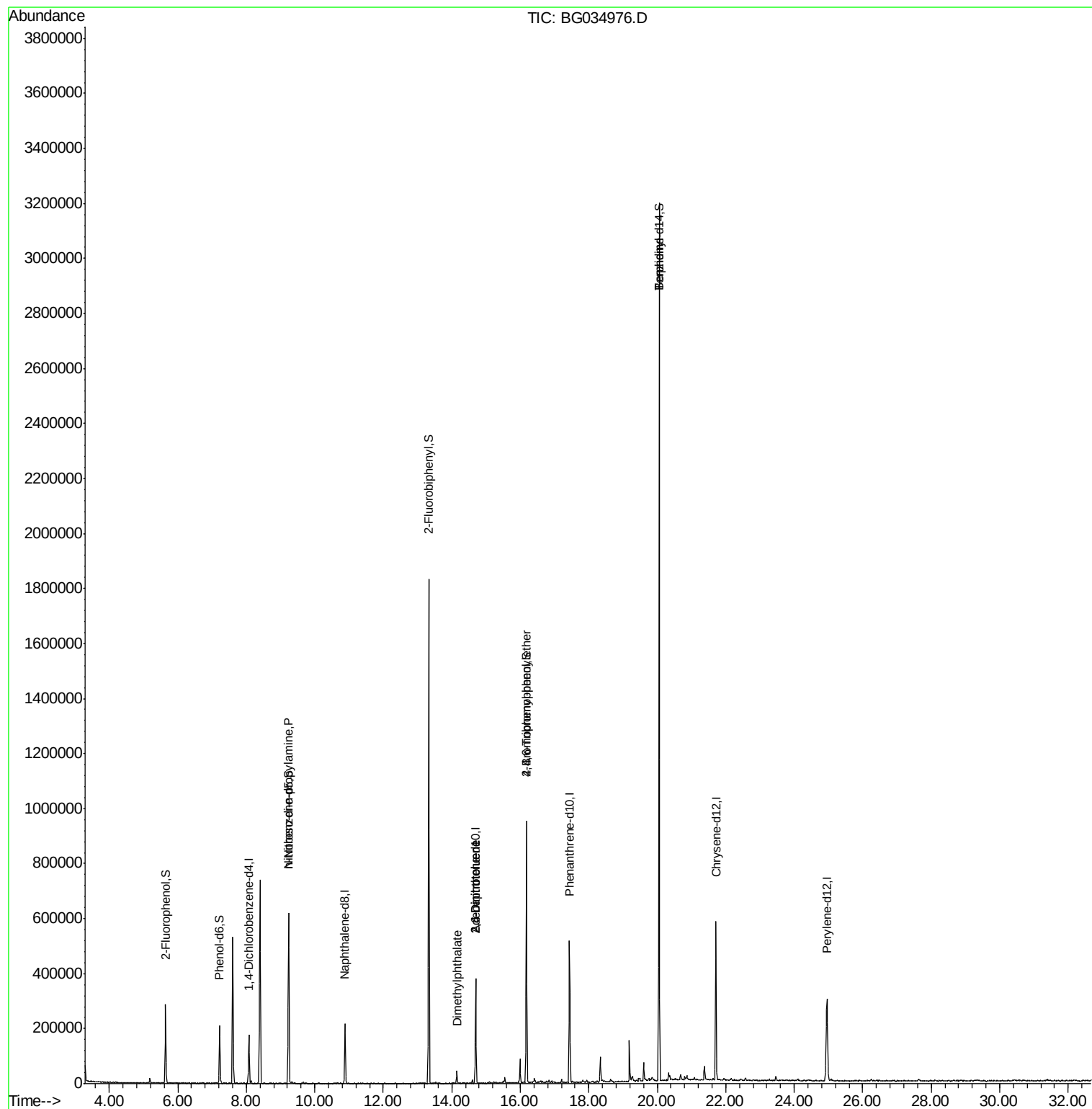
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	47225	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	174589	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	124999	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	324824	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	342400	20.00	ng	-0.02
86) Perylene-d12	24.95	264	343443	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	118724	42.43	ng	0.00
7) Phenol-d6	7.22	99	120032	29.06	ng	-0.01
23) Nitrobenzene-d5	9.24	82	400830	109.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	169938	106.20	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	943533	98.13	ng	-0.01
78) Terphenyl-d14	20.05	244	1392000	85.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	55981	15.95	ng	# 68
49) Dimethylphthalate	14.15	163	27863	2.56	ng	# 97
50) 2,6-Dinitrotoluene	14.70	165	17156	8.63	ng	# 22
56) 2,4-Dinitrotoluene	14.70	165	17156	6.49	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	13720	3.51	ng	# 1
76) Benzidine	20.05	184	25634	2.01	ng	# 87

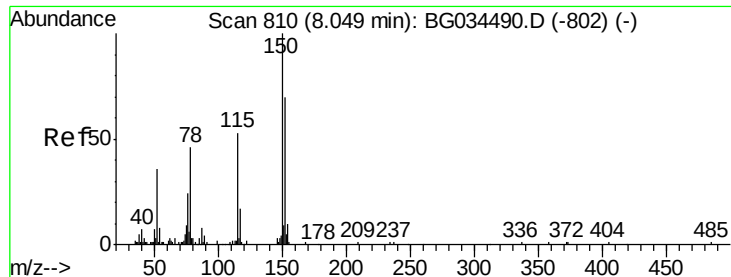
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J3323-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
060418-JETT-E-D-B

Quant Time: Jun 08 07:56:09 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
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QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-D-B

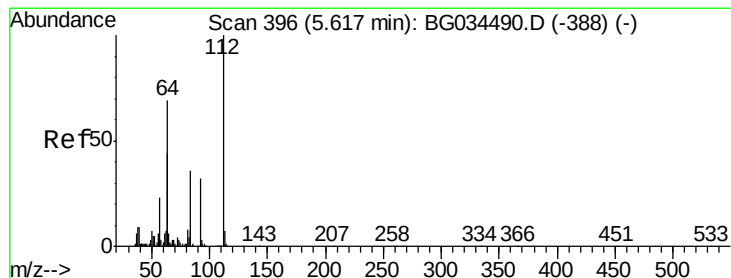
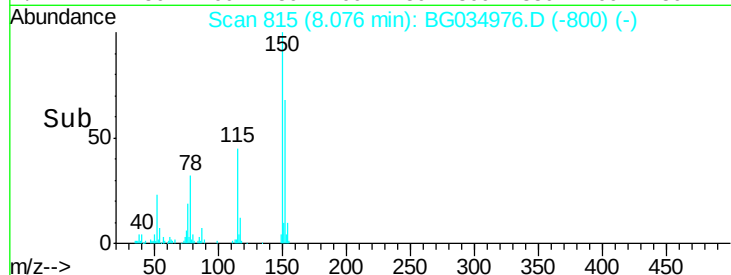
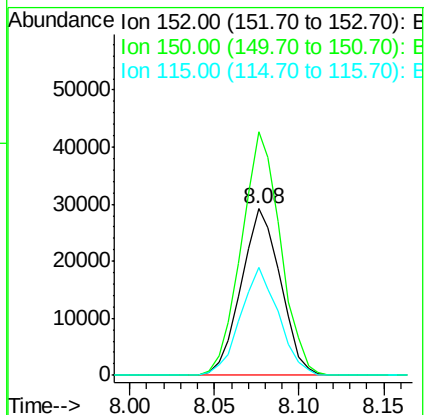
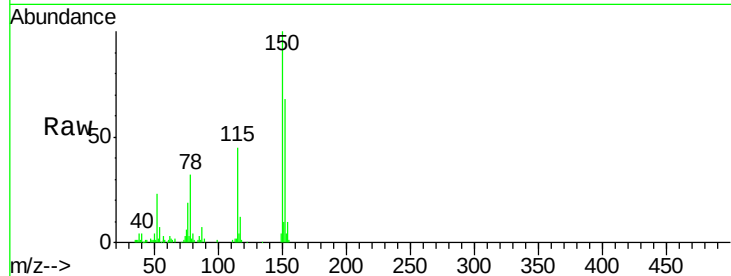
Tot Ion:152 Resp: 47225

Ion Ratio Lower Upper

152 100

150 146.1 126.6 189.8

115 65.1 53.0 79.4



#5

2-Fluorophenol

Concen: 42.43 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.01 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

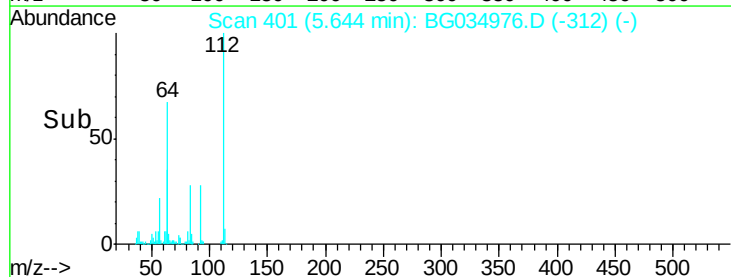
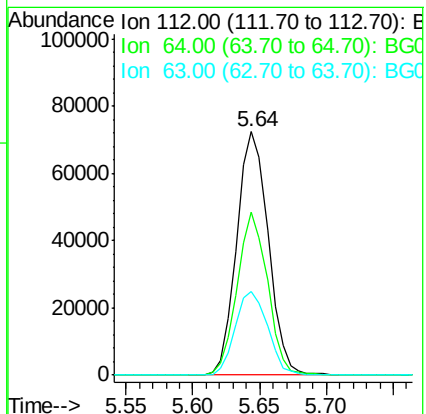
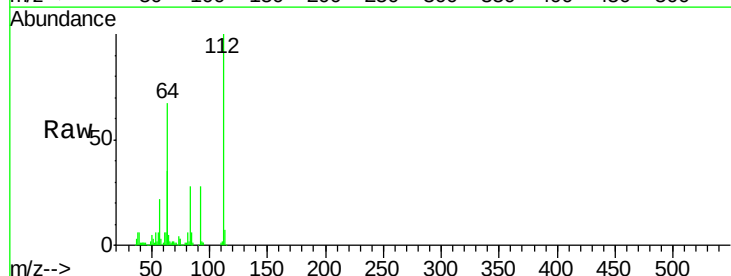
Tgt Ion:112 Resp: 118724

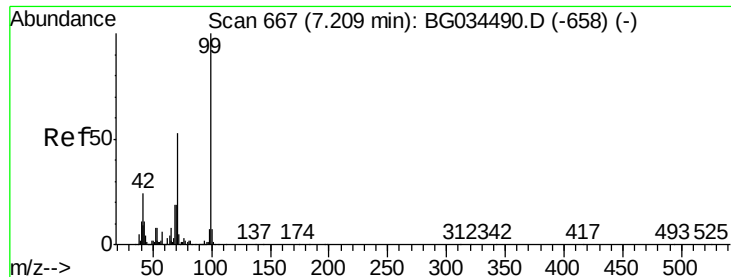
Ion Ratio Lower Upper

112 100

64 67.2 56.3 84.5

63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 29.06 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-D-B

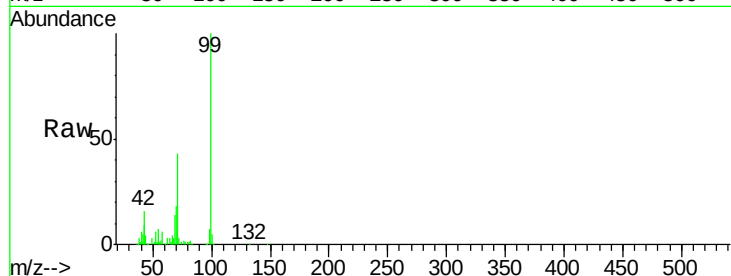
Tot Ion: 99 Resp: 120032

Ion Ratio Lower Upper

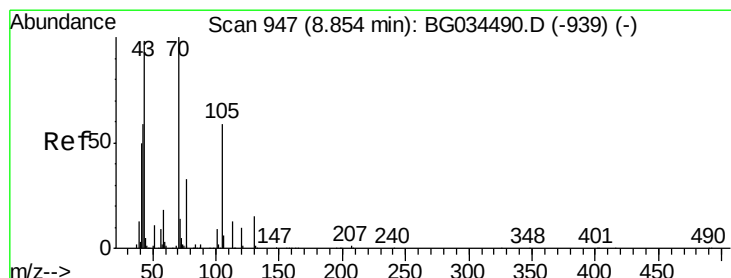
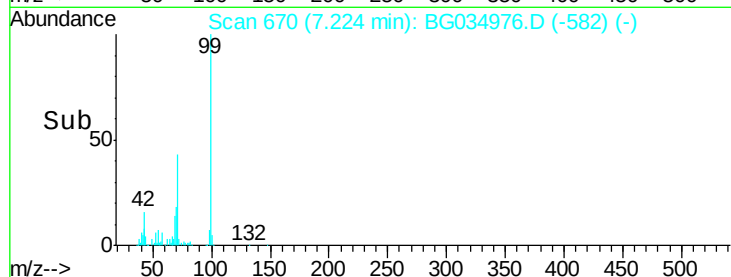
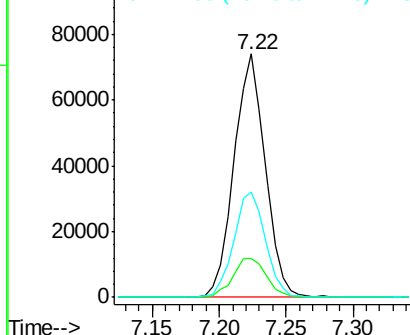
99 100

42 15.7 14.1 21.1

71 43.4 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: 15.95 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.34 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

Tgt Ion: 70 Resp: 55981

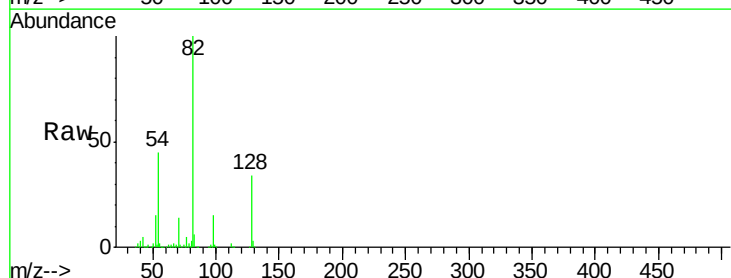
Ion Ratio Lower Upper

70 100

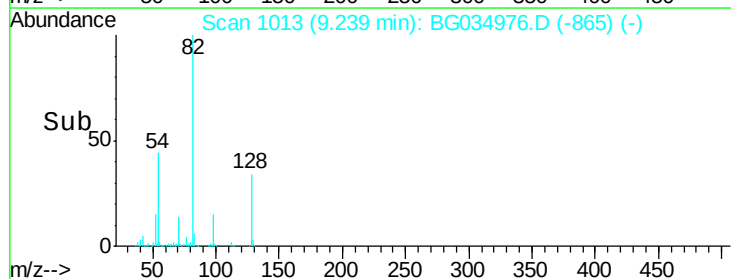
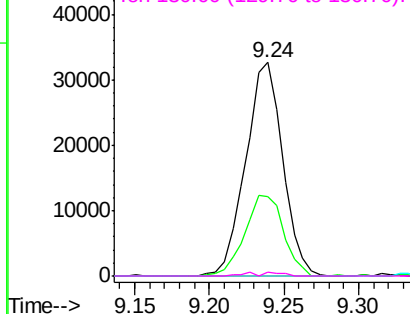
42 37.3 49.1 73.7#

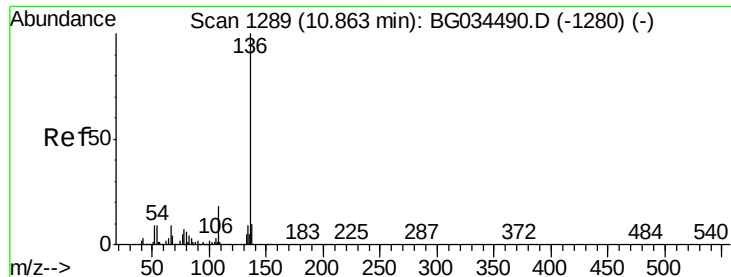
101 0.0 8.5 12.7#

130 1.7 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

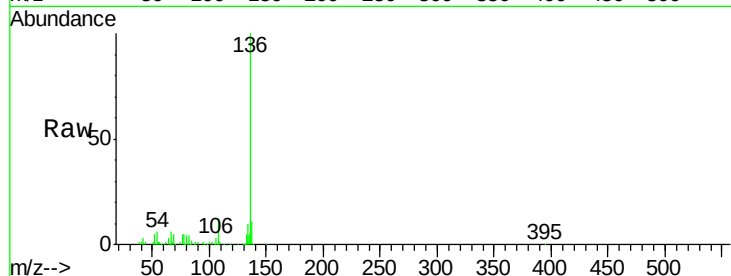




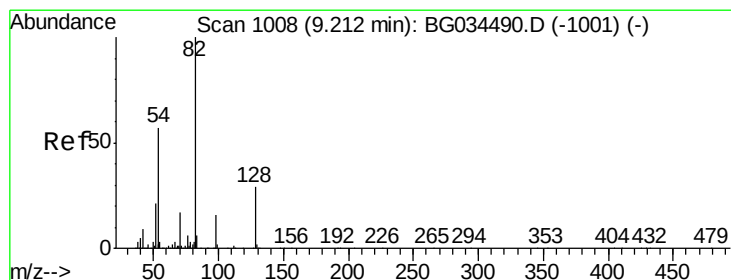
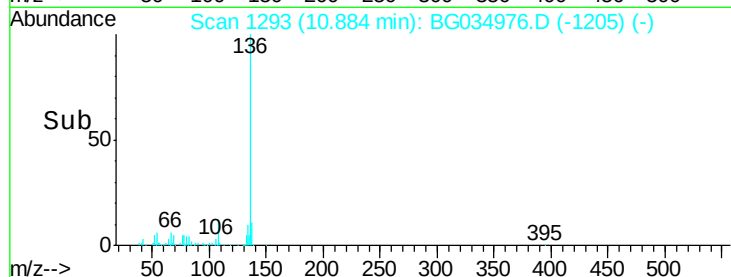
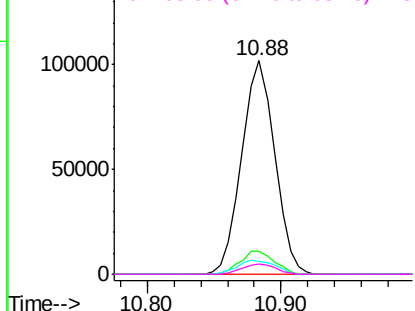
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034976.D
Acq: 8 Jun 2018 7:10

Instrument :
BNA_G
ClientSampleId :
060418-JETT-E-D-B

Tot Ion:136	Resp:	174589	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.2	13.8	
54 6.3	10.3	15.5#	
68 4.8	4.5	6.7	

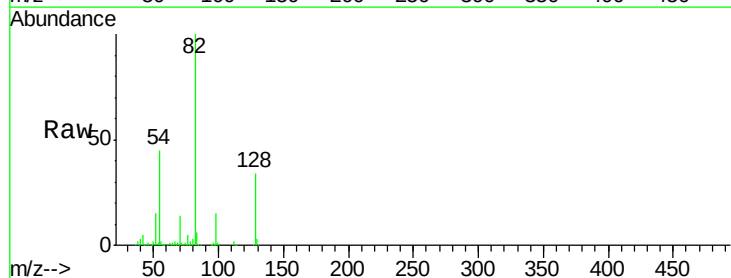


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

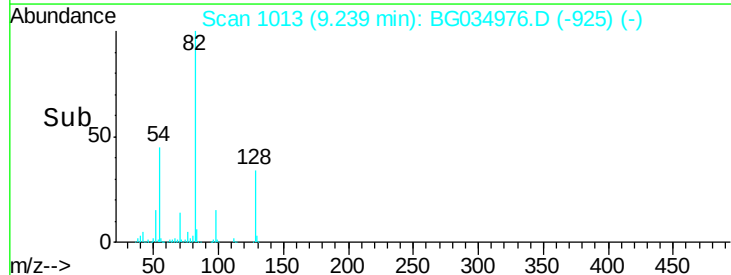
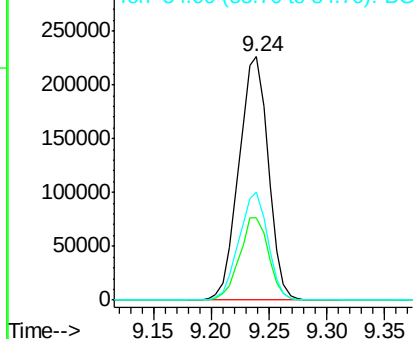


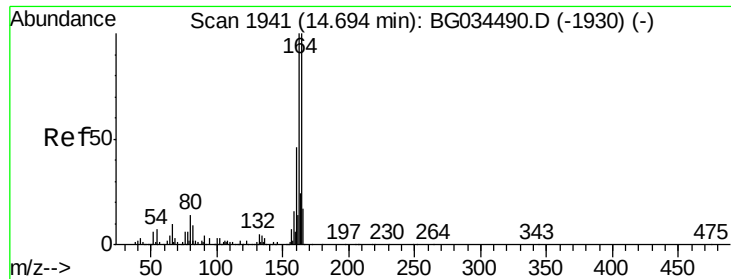
#23
Nitrobenzene-d5
Concen: 109.13 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034976.D
Acq: 8 Jun 2018 7:10

Tgt	Ion: 82	Resp:	400830
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	44.5	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: 20.00 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-D-B

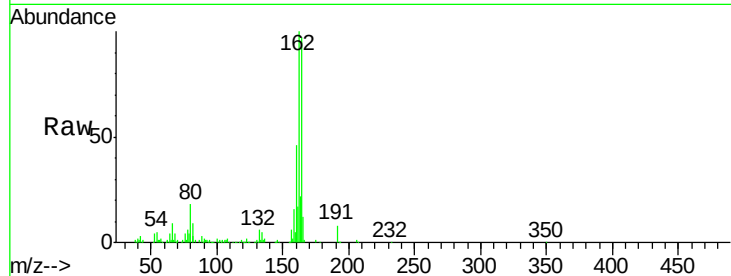
Tot Ion:164 Resp: 124999

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

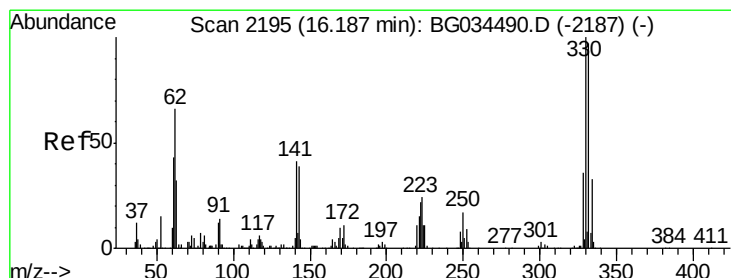
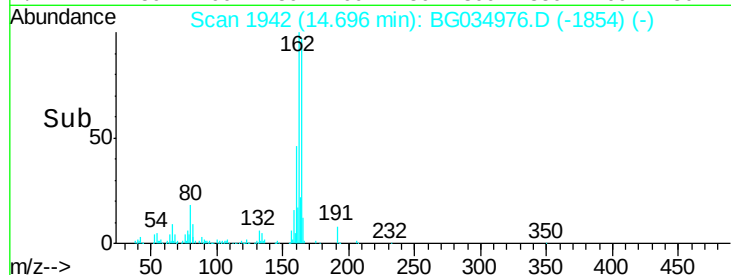
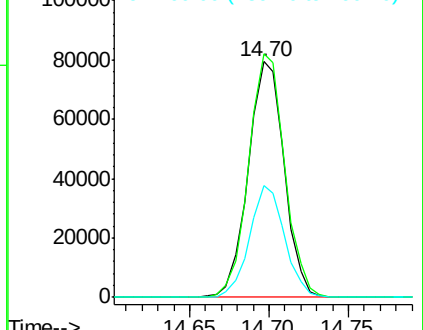
160 47.3 35.4 53.0



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: 106.20 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

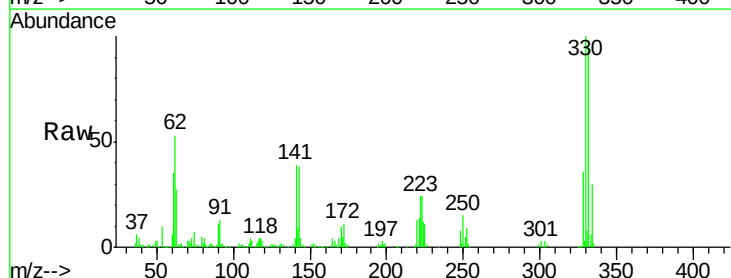
Tgt Ion:330 Resp: 169938

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

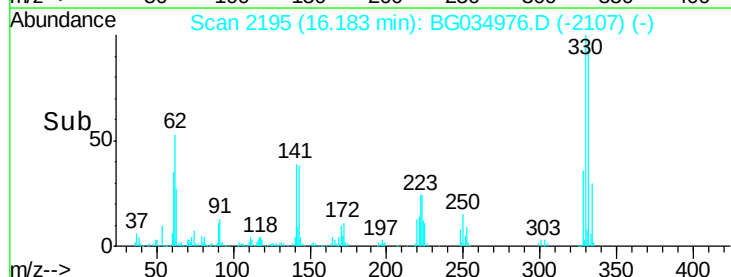
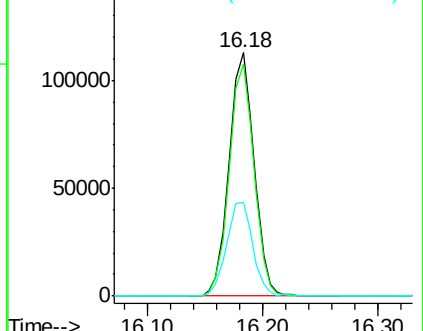
141 40.3 25.2 37.8#

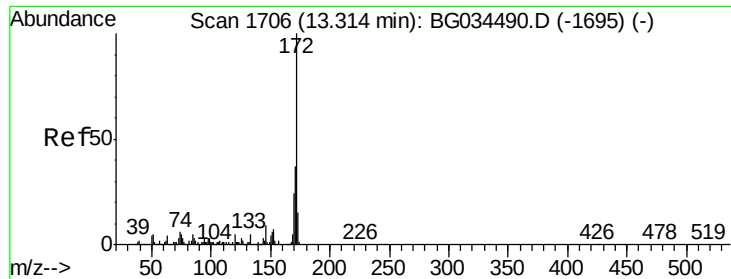


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

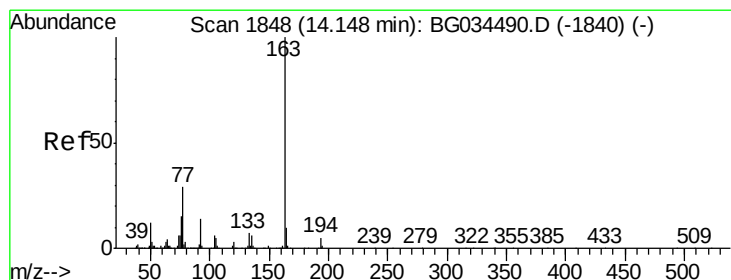
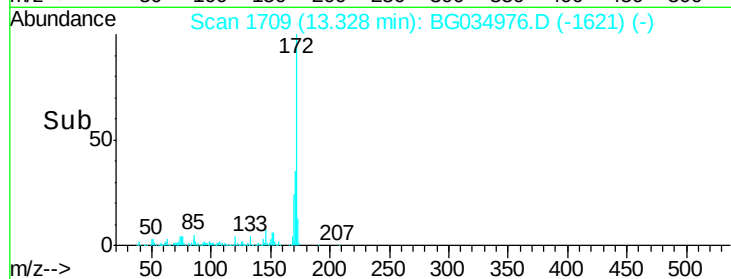
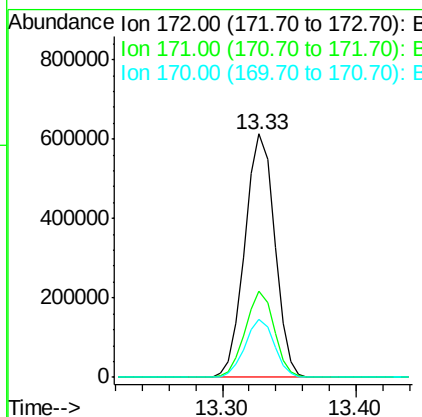
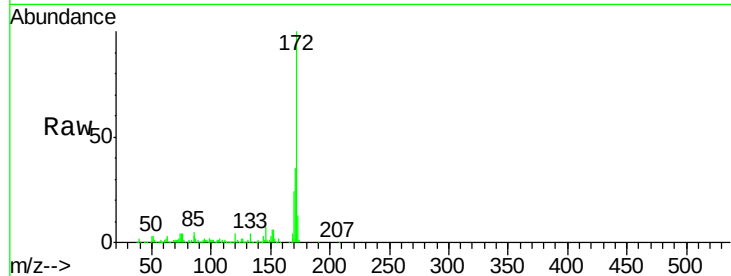




#44
2-Fluorobiphenyl
Concen: 98.13 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034976.D
Acq: 8 Jun 2018 7:10

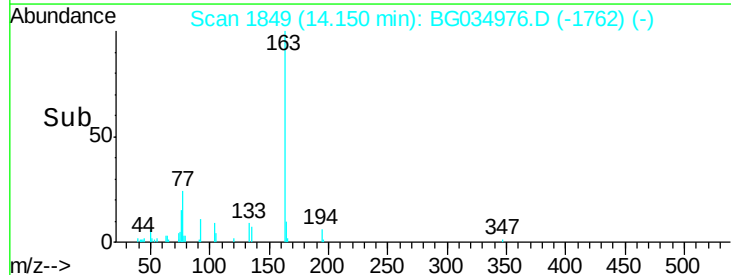
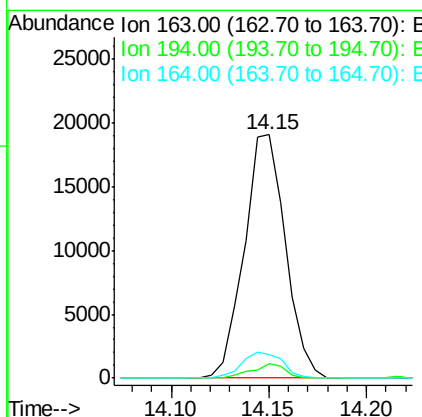
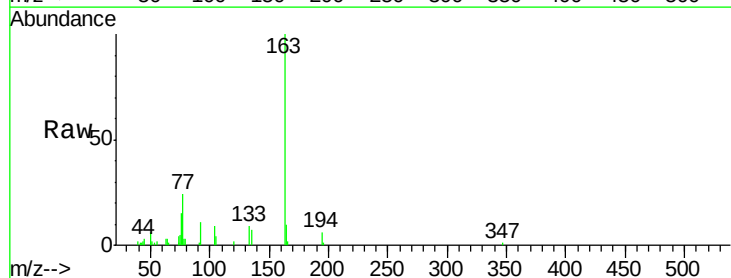
Instrument :
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060418-JETT-E-D-B

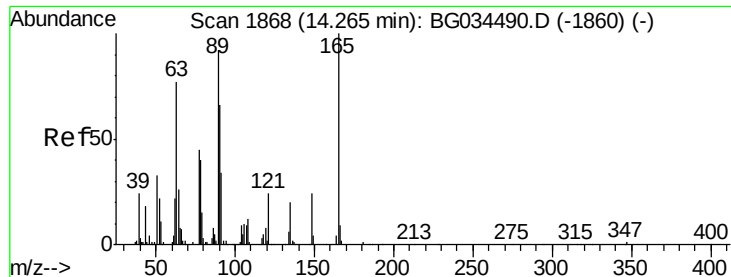
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	24.1	19.5	29.3



#49
Dimethylphthalate
Concen: 2.56 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BG034976.D
Acq: 8 Jun 2018 7:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	9.5	8.2	12.4

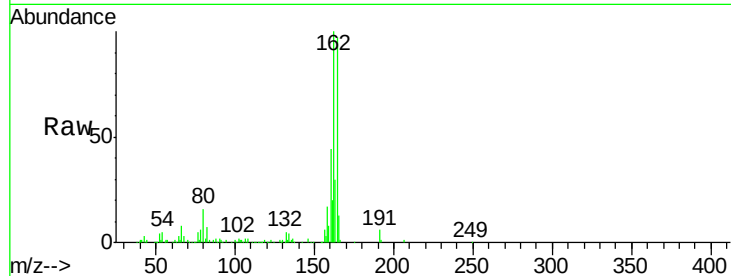




#50
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.42 min
Lab File: BG034976.D
Acq: 8 Jun 2018 7:10

Instrument :
BNA_G
ClientSampleId :
060418-JETT-E-D-B

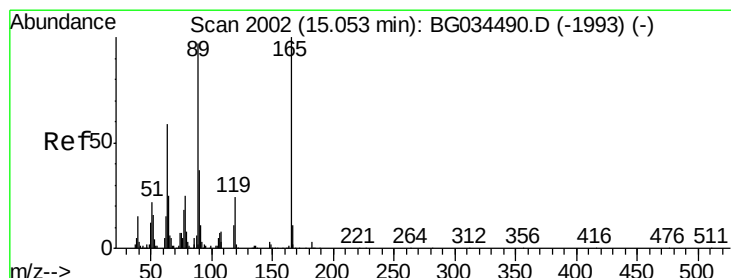
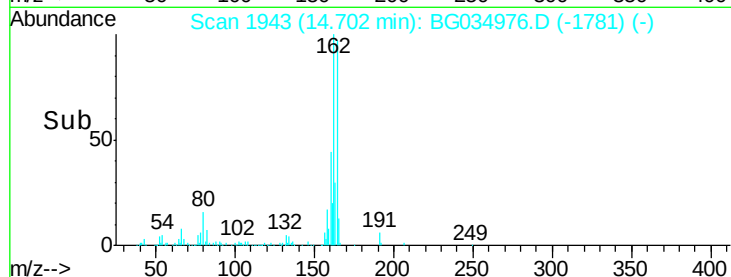
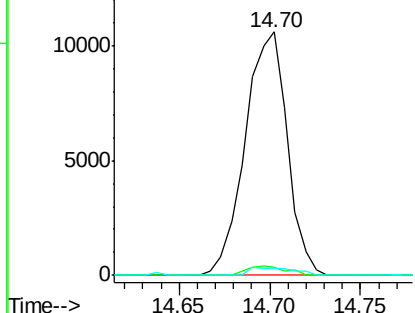
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.2	52.7	79.1#
89	2.9	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

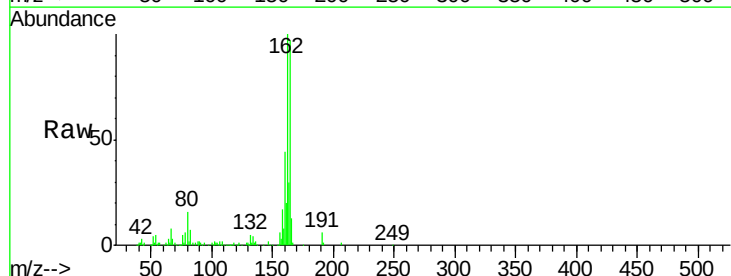
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.36 min
Lab File: BG034976.D
Acq: 8 Jun 2018 7:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	42.0	63.0#
89	2.9	66.9	100.3#
182	0.0	2.6	3.8#

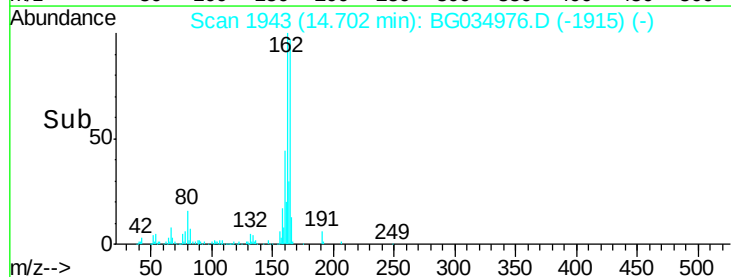
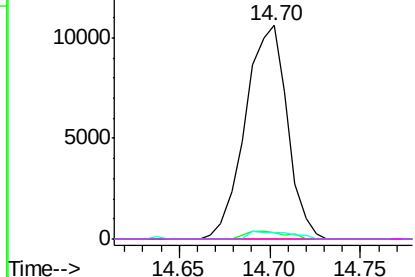


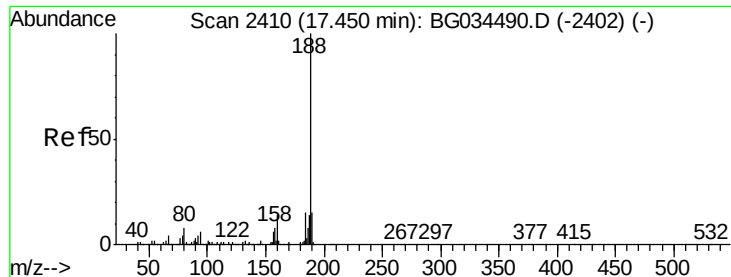
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG034976.D

Acq: 8 Jun 2018 7:10

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-D-B

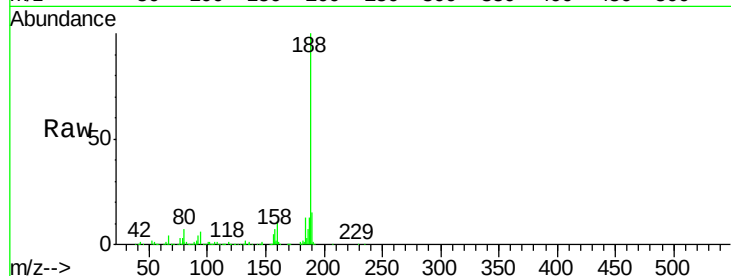
Tot Ion:188 Resp: 324824

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

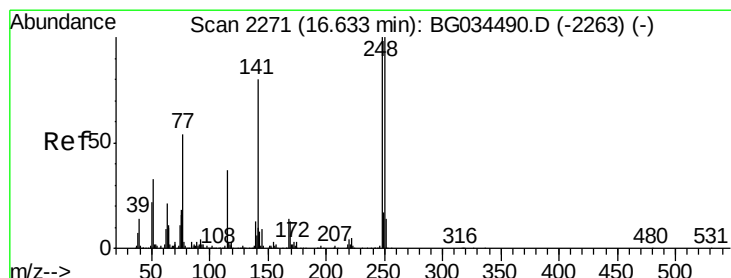
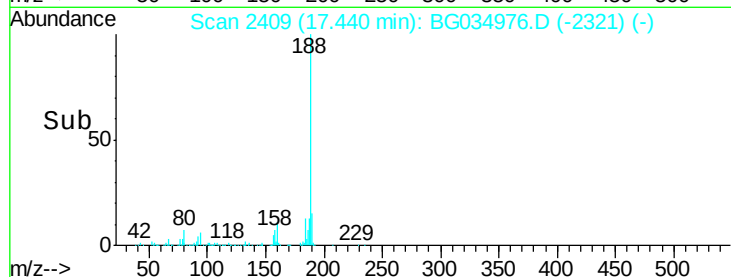
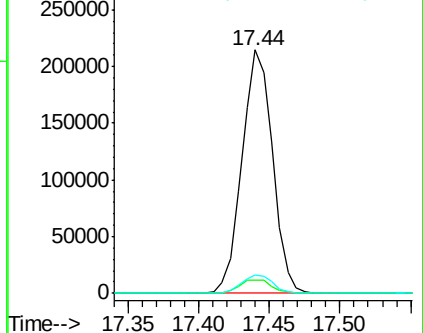
80 7.4 7.7 11.5#



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: 3.51 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.47 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

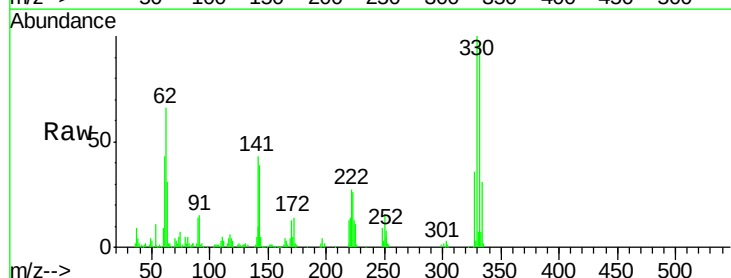
Tgt Ion:248 Resp: 13720

Ion Ratio Lower Upper

248 100

250 184.3 77.1 115.7#

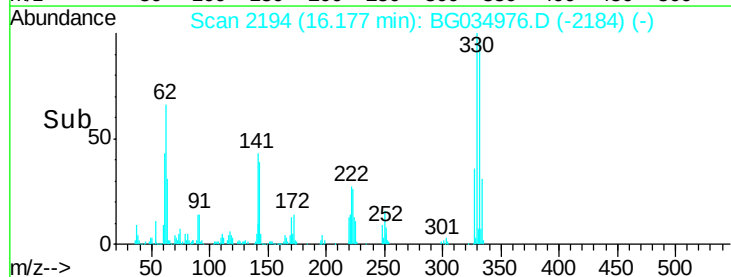
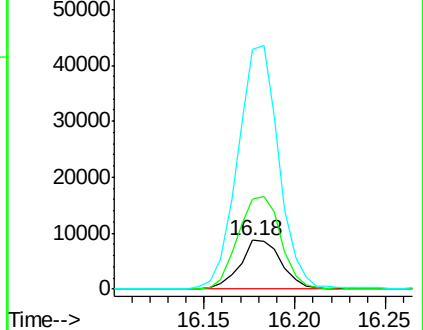
141 491.0 50.8 76.2#

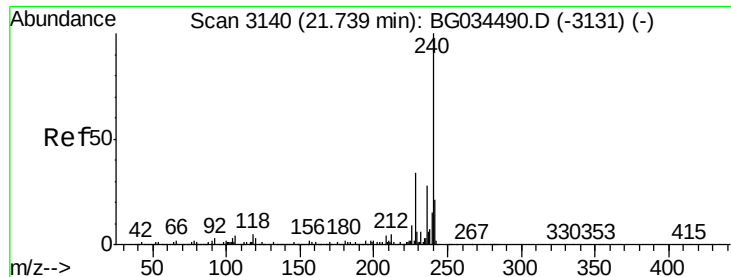


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG034976.D

Acq: 8 Jun 2018 7:10

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-D-B

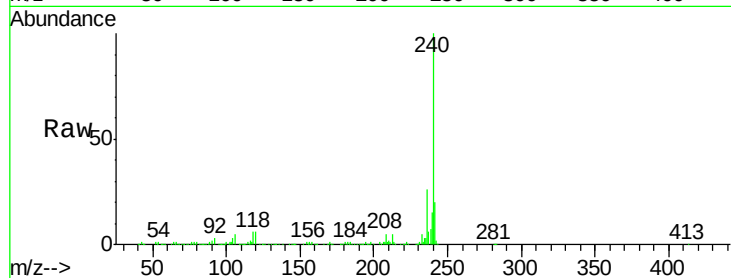
Tot Ion:240 Resp: 342400

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

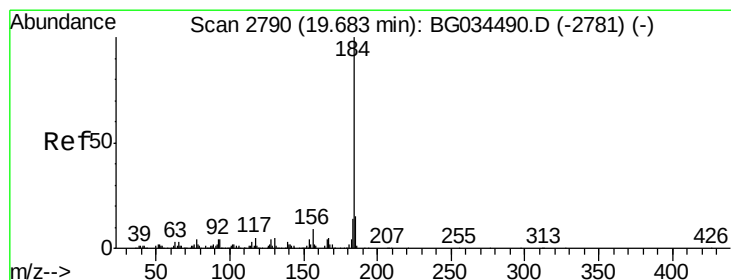
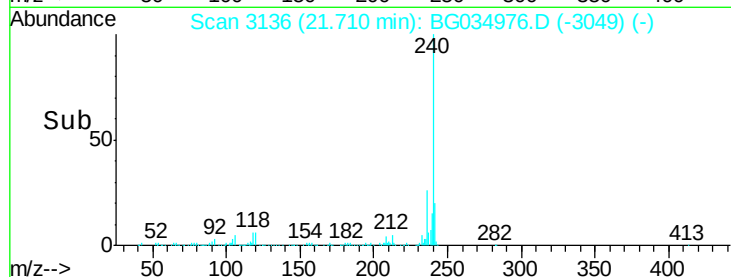
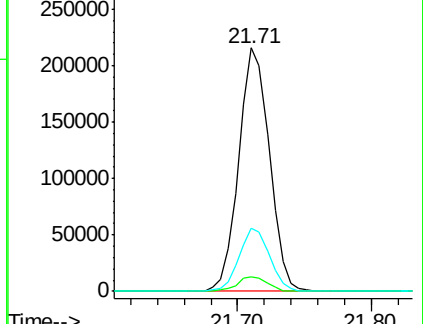
236 25.7 20.9 31.3



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: 2.01 ng

RT: 20.05 min Scan# 2854

Delta R.T. 0.38 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

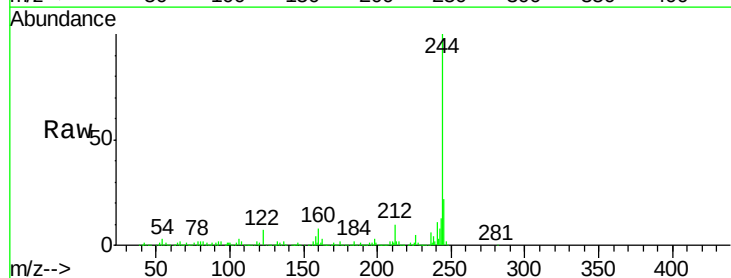
Tgt Ion:184 Resp: 25634

Ion Ratio Lower Upper

184 100

185 20.6 11.1 16.7#

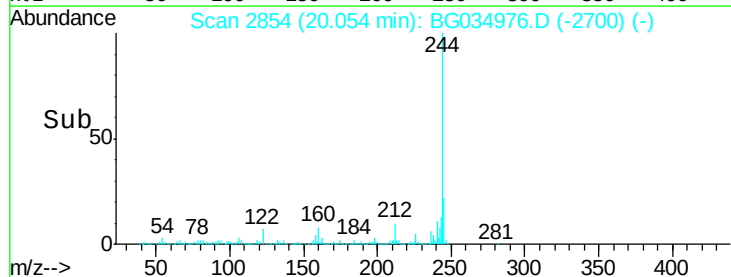
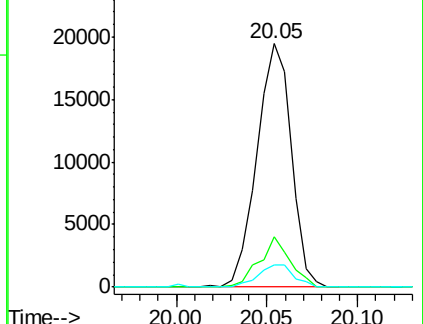
183 9.3 10.6 16.0#

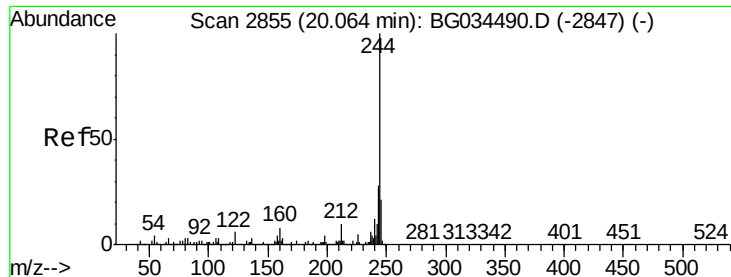


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 85.16 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

Instrument :

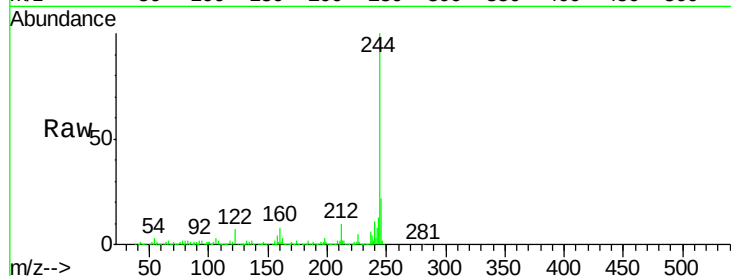
BNA_G

ClientSampleId :

060418-JETT-E-D-B

Tot Ion:244 Resp: 1392000

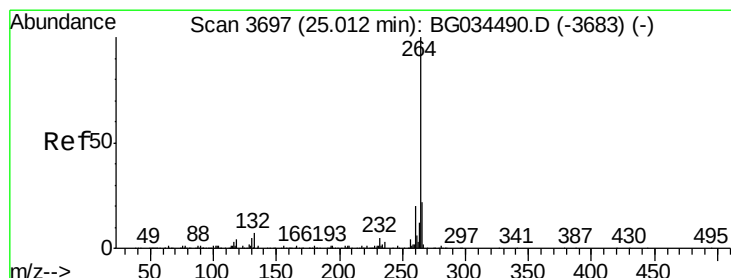
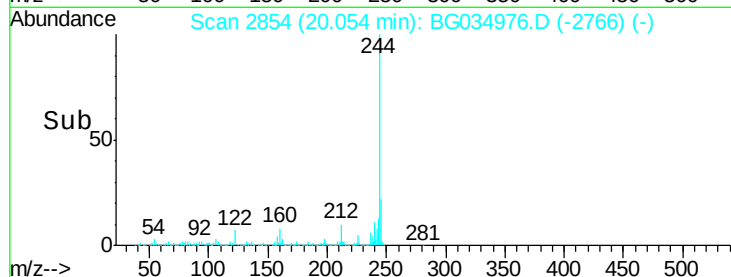
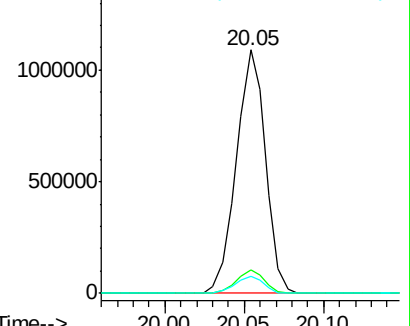
Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.3	7.0	10.4



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: 20.00 ng

RT: 24.95 min Scan# 3688

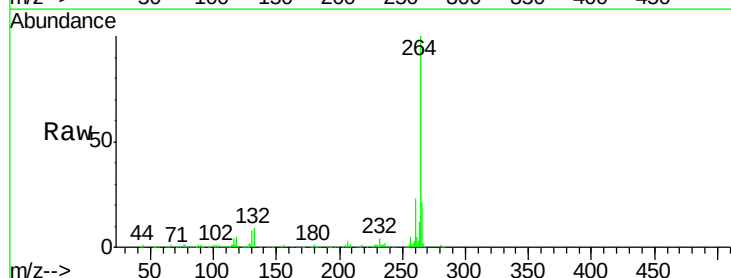
Delta R.T. -0.03 min

Lab File: BG034976.D

Acq: 8 Jun 2018 7:10

Tgt Ion:264 Resp: 343443

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.4	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

