

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038407.D
 Acq On : 7 Dec 2018 17:30
 Operator : JU/SJ
 Sample : J6231-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-B

Quant Time: Dec 07 22:12:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

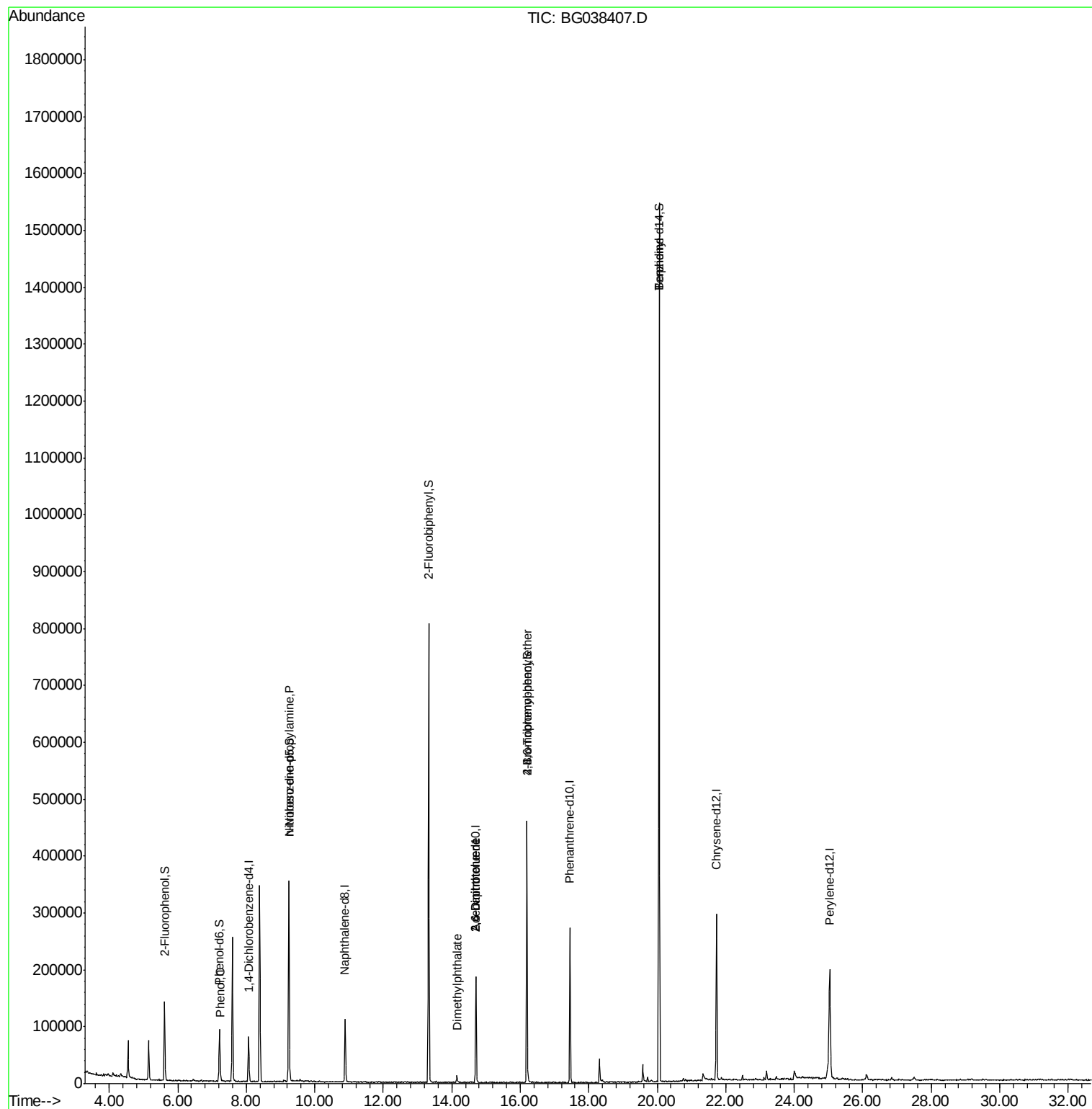
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23187	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	103099	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	68242	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176926	20.00	ng	0.00
76) Chrysene-d12	21.73	240	181210	20.00	ng	-0.01
87) Perylene-d12	25.03	264	213273	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	60466	46.15	ng	0.00
7) Phenol-d6	7.21	99	53370	28.18	ng	-0.01
23) Nitrobenzene-d5	9.24	82	227058	109.34	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	88531	105.68	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	450545	94.08	ng	0.00
79) Terphenyl-d14	20.06	244	779696	92.18	ng	0.00
Target Compounds						
10) Phenol	7.24	94	10292	5.144	ng	94
19) n-Nitroso-di-n-propylamine	9.24	70	28575	19.570	ng	# 74
50) Dimethylphthalate	14.15	163	11465	2.095	ng	98
51) 2,6-Dinitrotoluene	14.70	165	9125	7.298	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9125	5.291	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5789	3.030	ng	# 1
77) Benzidine	20.06	184	13367	2.186	ng	94

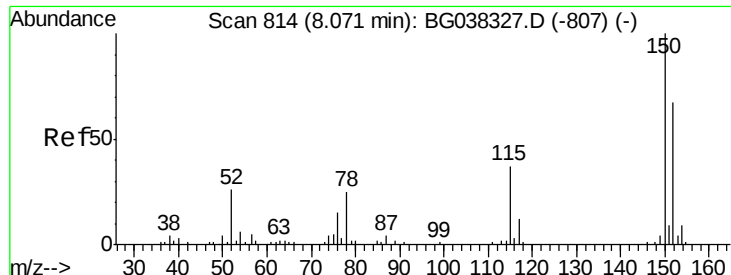
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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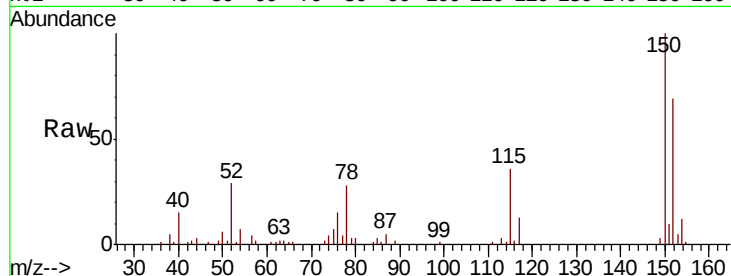


#1

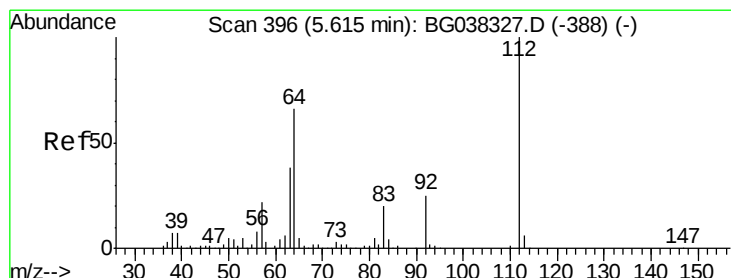
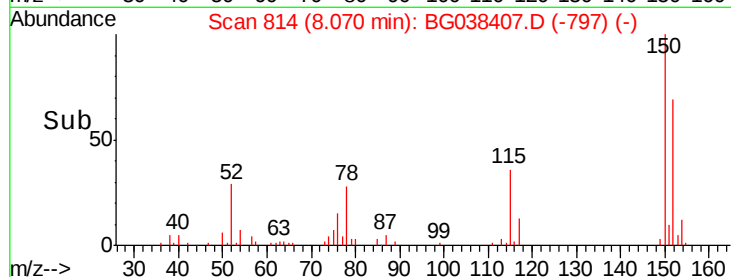
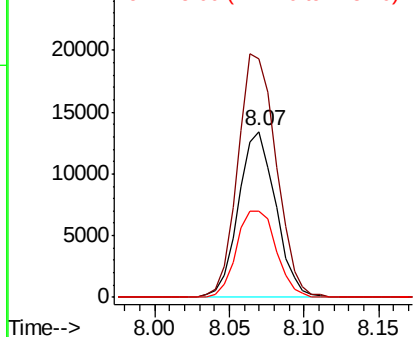
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-B

Tgt Ion:152 Resp: 23187
Ion Ratio Lower Upper
152 100
150 144.1 126.0 189.0
115 52.2 45.5 68.3



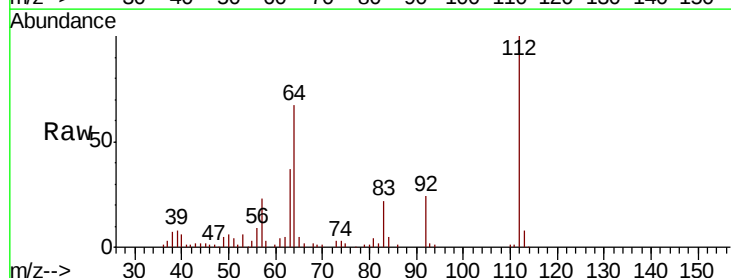
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



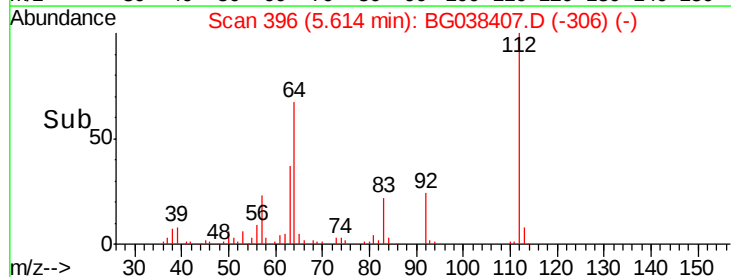
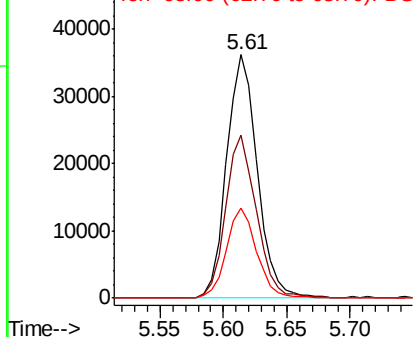
#5

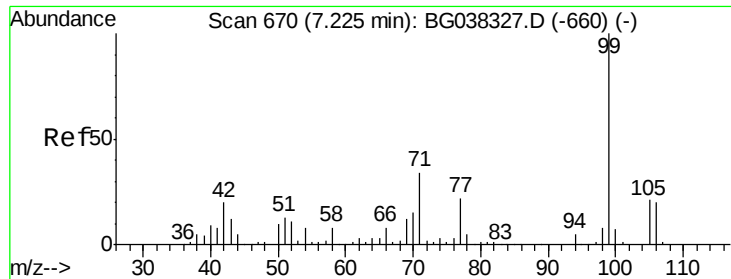
2-Fluorophenol
Concen: 46.148 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

Tgt Ion:112 Resp: 60466
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 36.8 27.3 40.9



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: 28.182 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

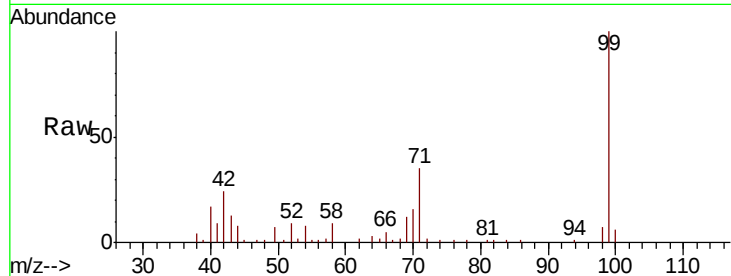
Tgt Ion: 99 Resp: 53370

Ion Ratio Lower Upper

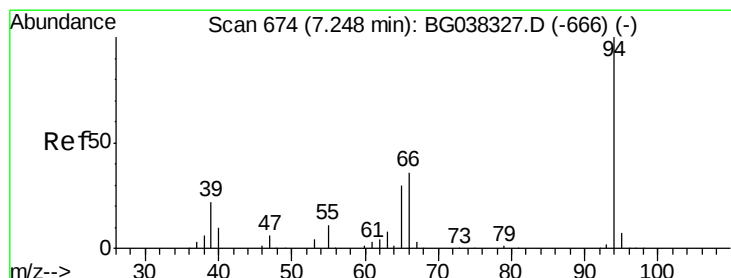
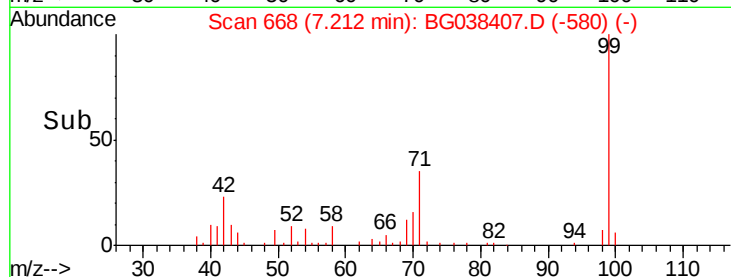
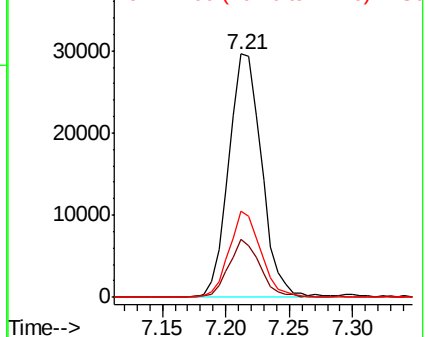
99 100

42 24.0 15.0 22.4#

71 35.1 25.5 38.3



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



#10

Phenol

Concen: 5.144 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

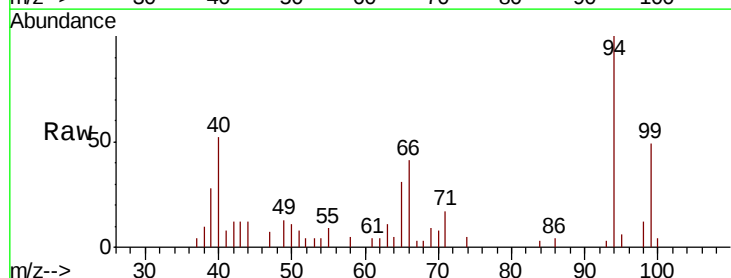
Tgt Ion: 94 Resp: 10292

Ion Ratio Lower Upper

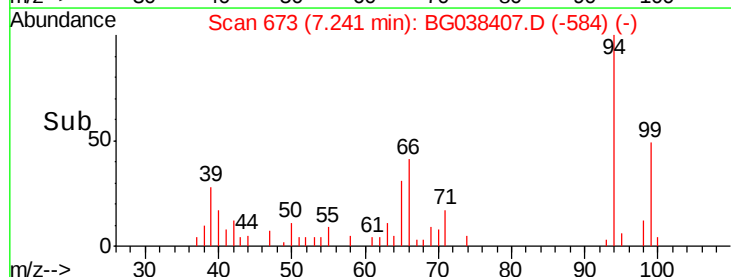
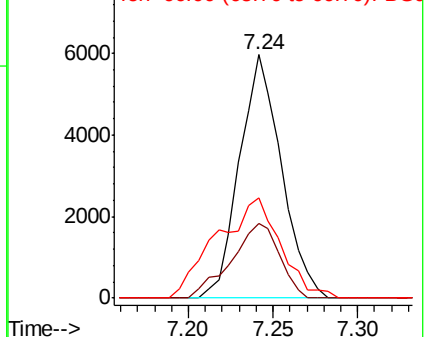
94 100

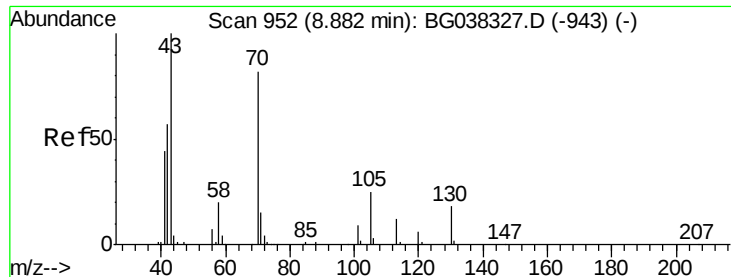
65 30.8 9.7 49.7

66 41.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

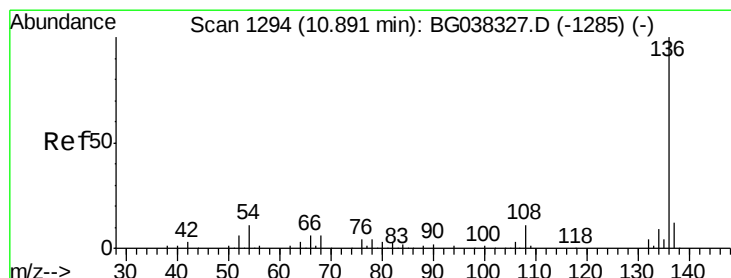
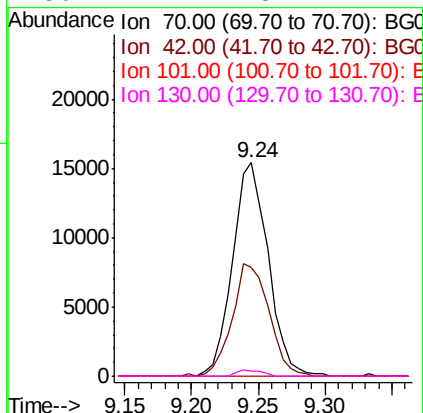
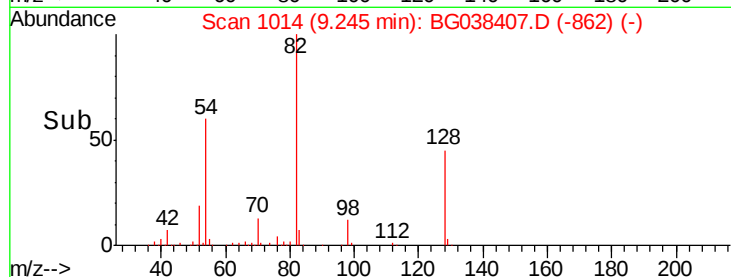
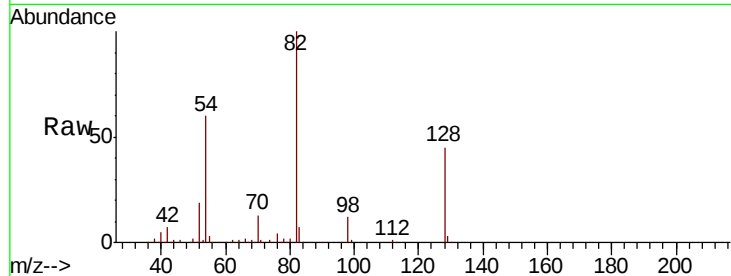




#19
n-Nitroso-di-n-propylamine
Concen: 19.570 ng
RT: 9.24 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

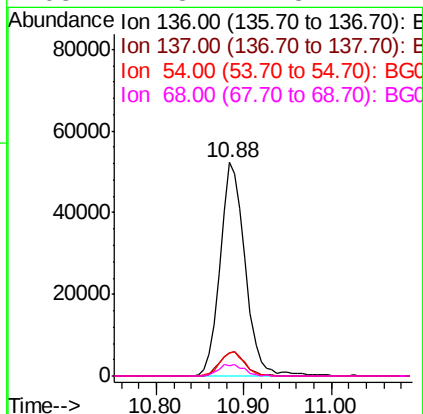
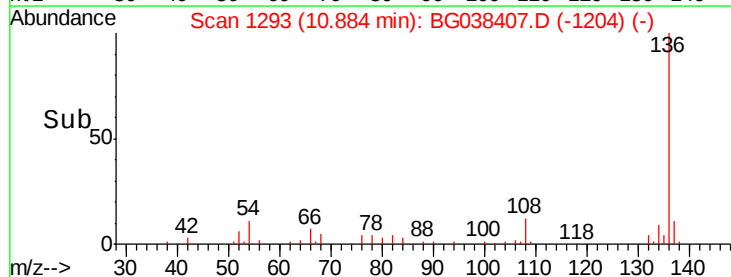
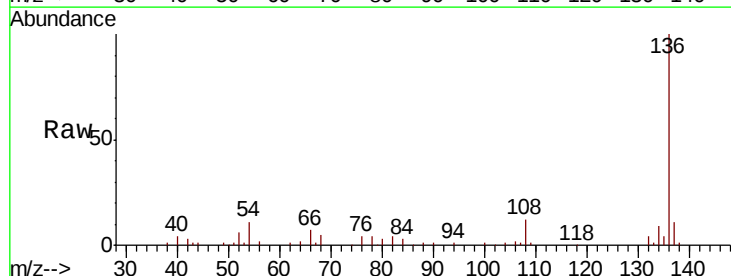
Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-B

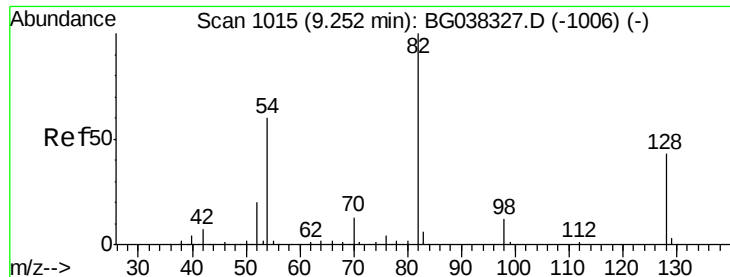
Tgt Ion: 70 Resp: 28575
Ion Ratio Lower Upper
70 100
42 51.1 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

Tgt Ion: 136 Resp: 103099
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.0 7.9 11.9
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 109.341 ng

RT: 9.24 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

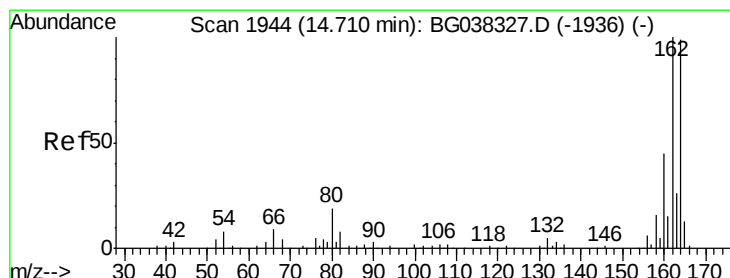
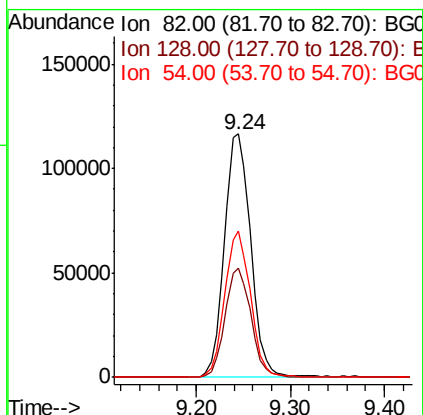
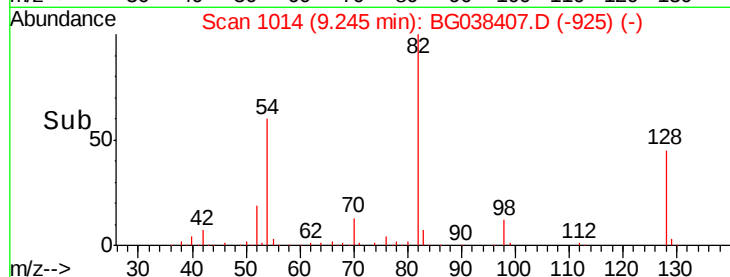
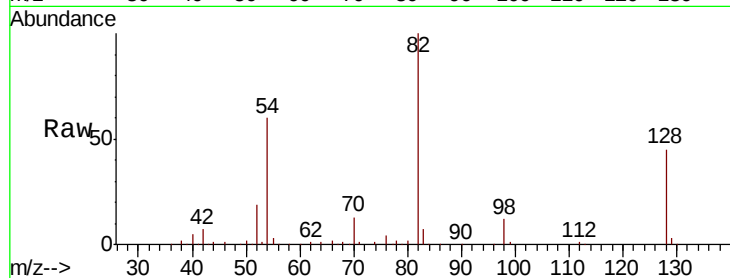
Tgt Ion: 82 Resp: 227058

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

54 60.1 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

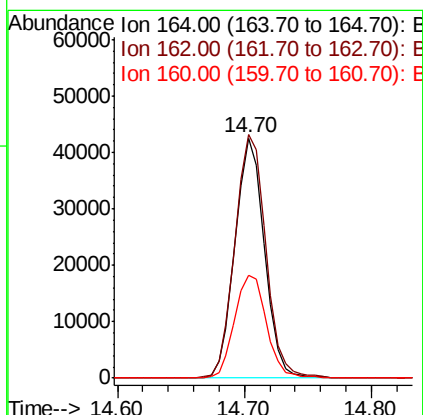
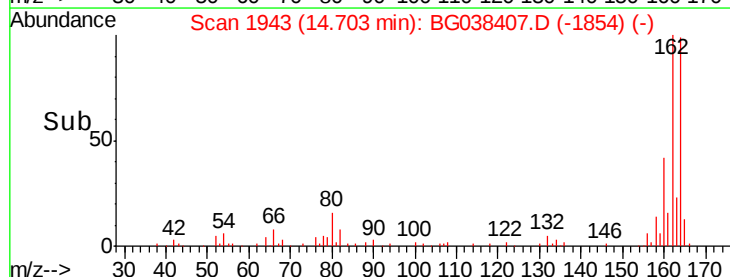
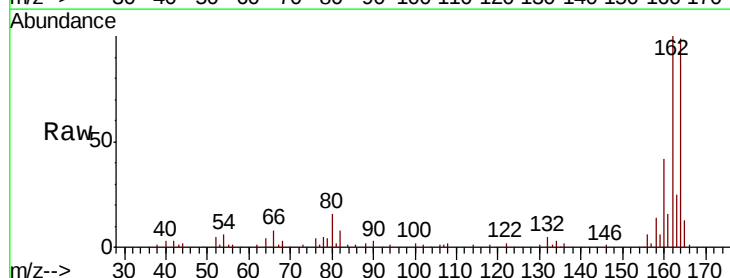
Tgt Ion: 164 Resp: 68242

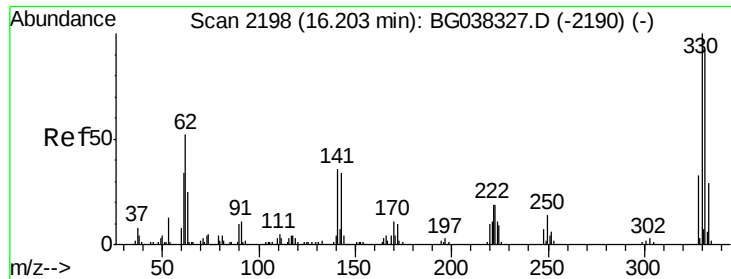
Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 42.9 36.3 54.5

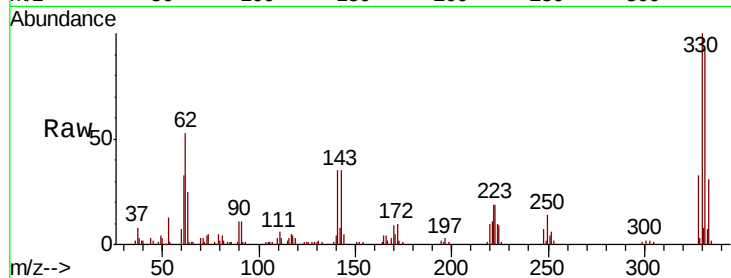




#42
 2,4,6-Tribromophenol
 Concen: 105.677 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038407.D
 Acq: 7 Dec 2018 17:30

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	39.9	32.2	48.2

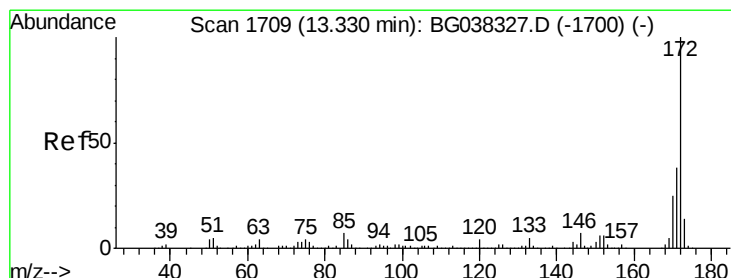
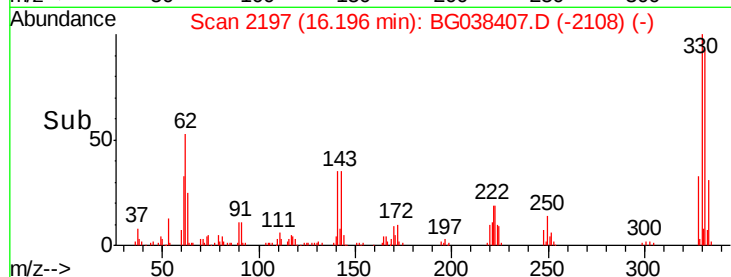
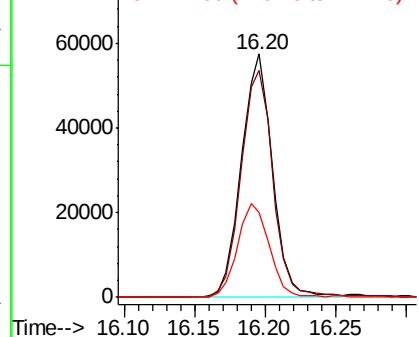


Abundance

Ion 329.80 (329.50 to 330.50): E

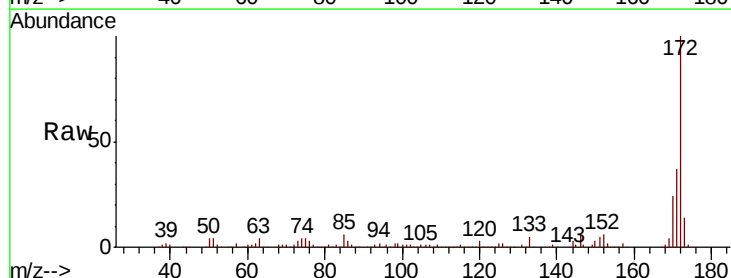
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.075 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038407.D
 Acq: 7 Dec 2018 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	24.3	20.2	30.2

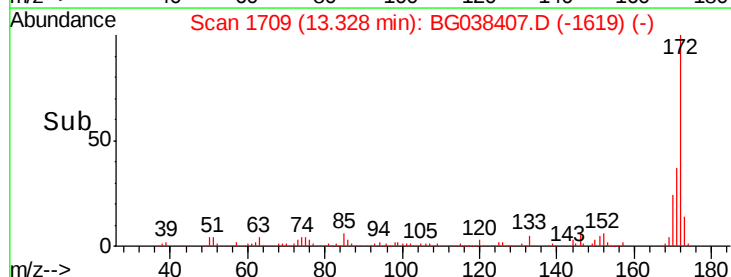
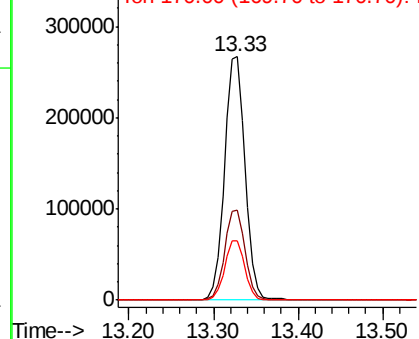


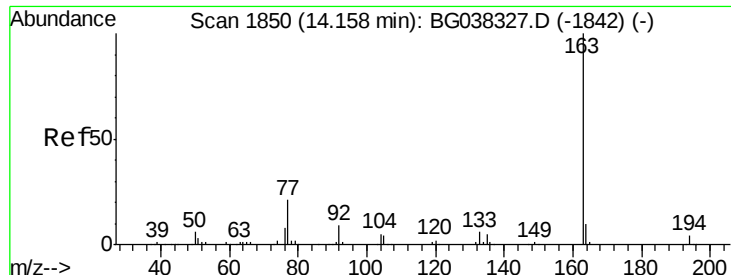
Abundance

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

Dimethylphthalate

Concen: 2.095 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

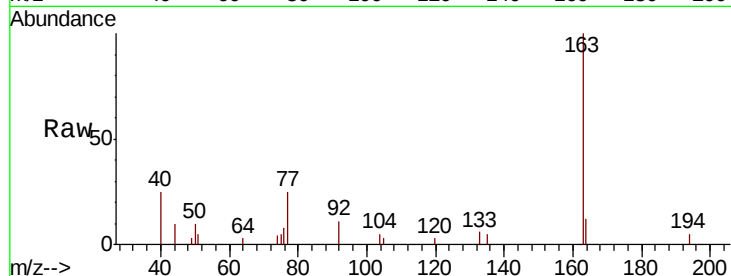
Tgt Ion:163 Resp: 11465

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

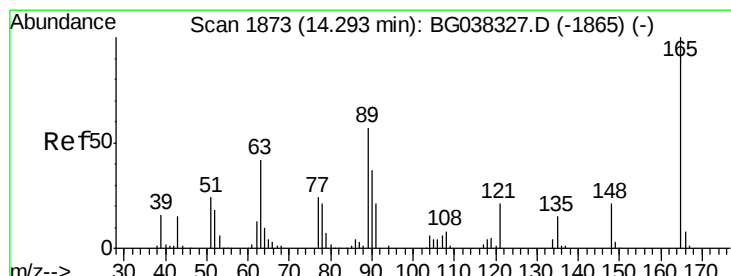
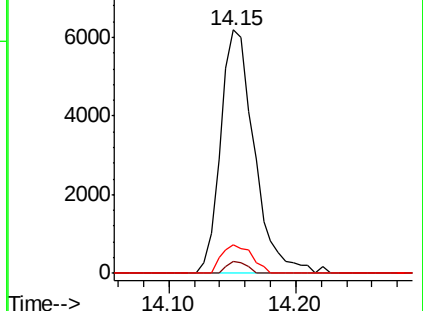
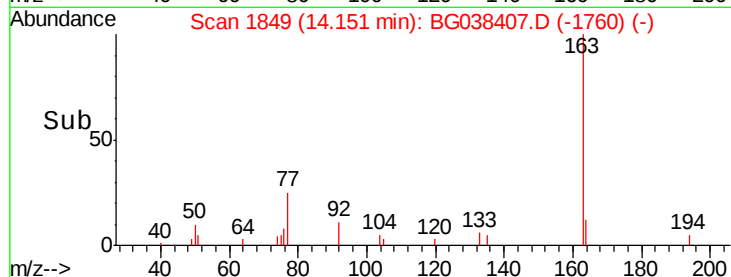
164 11.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.298 ng

RT: 14.70 min Scan# 1943

Delta R.T. 0.41 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

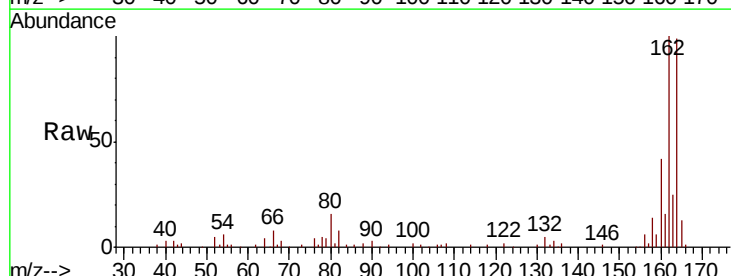
Tgt Ion:165 Resp: 9125

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

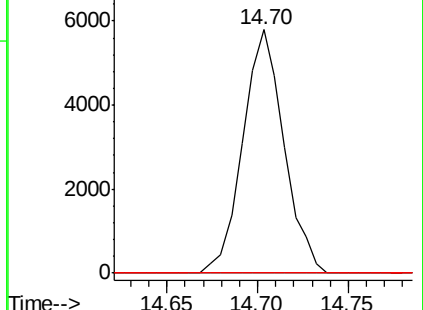
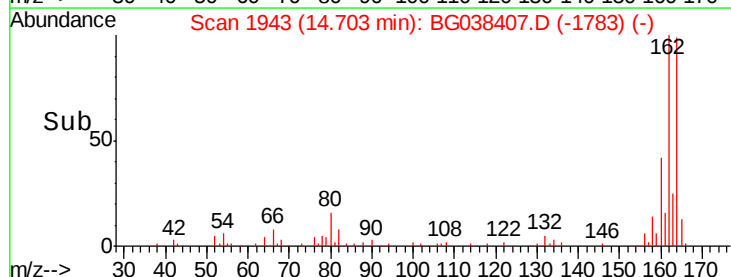
89 0.0 45.8 68.6#

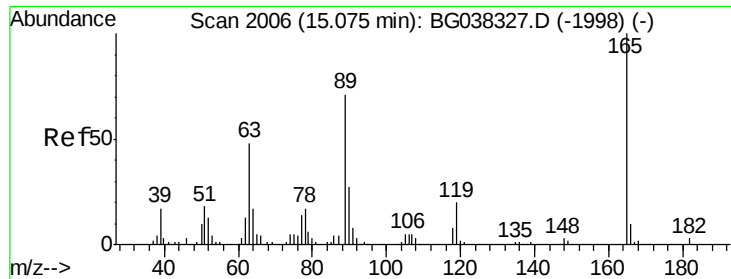


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

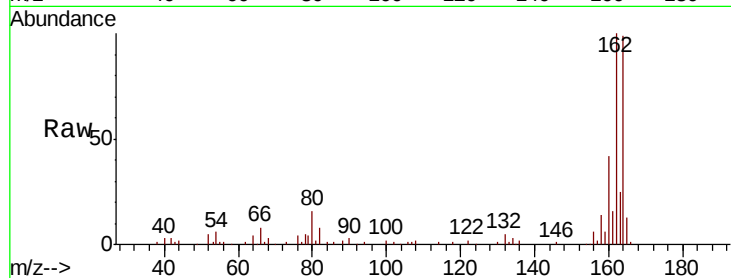




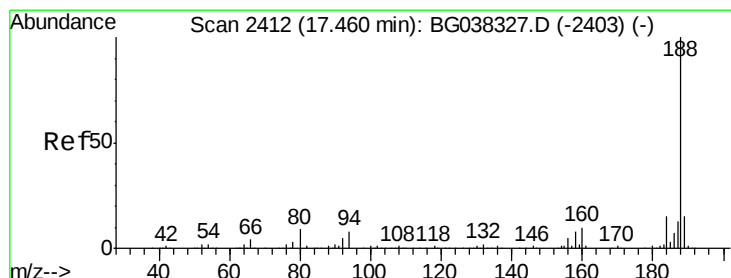
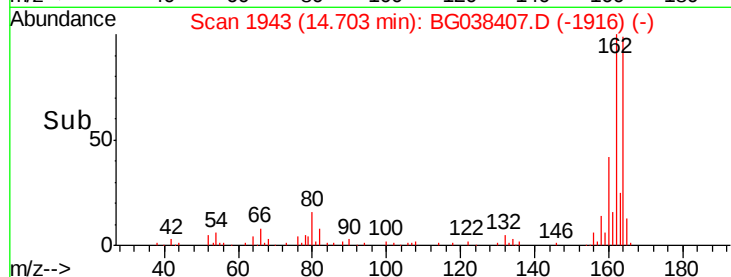
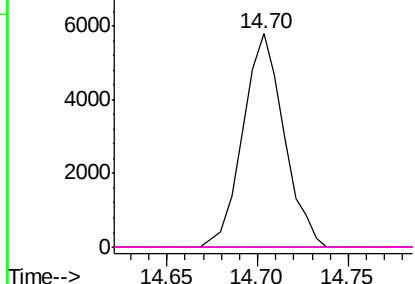
#57
 2,4-Dinitrotoluene
 Concen: 5.291 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038407.D
 Acq: 7 Dec 2018 17:30

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-B

Tgt Ion:	165	Resp:	9125
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

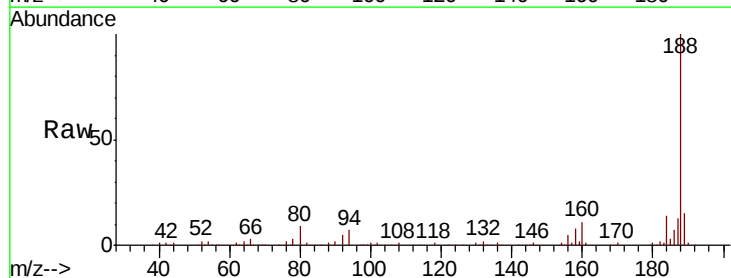


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

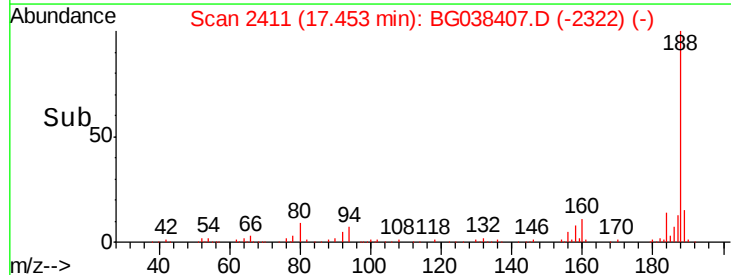
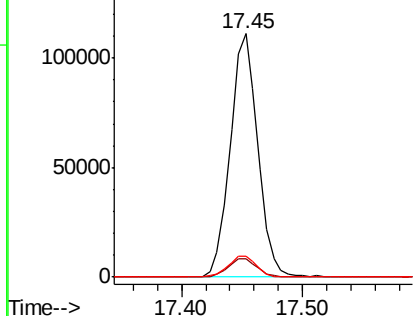


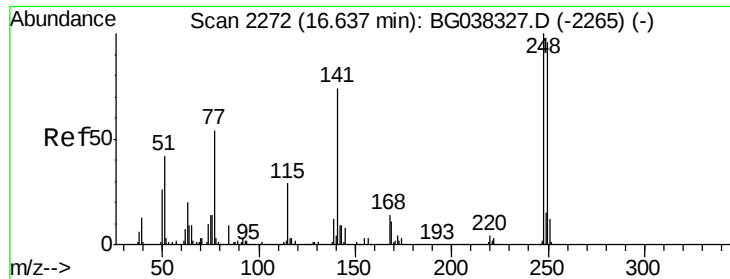
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038407.D
 Acq: 7 Dec 2018 17:30

Tgt Ion:	188	Resp:	176926
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	8.6	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

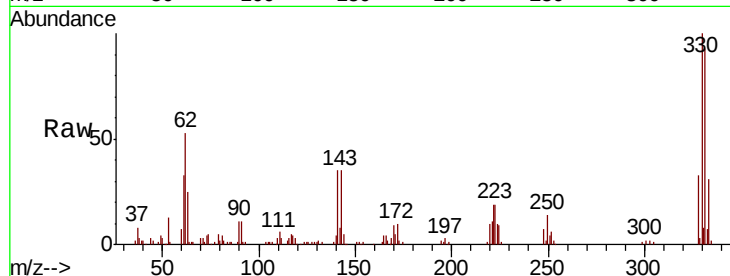




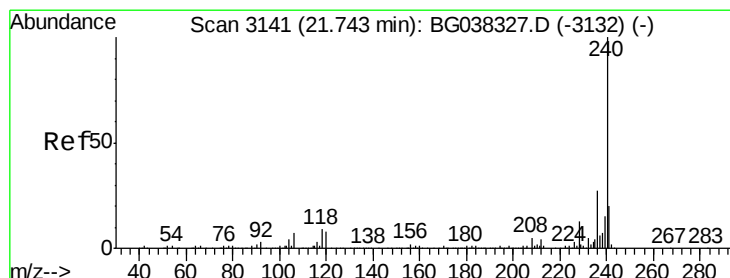
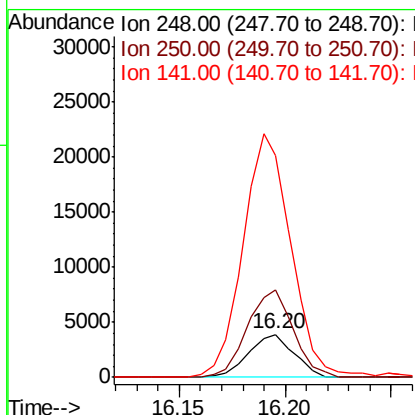
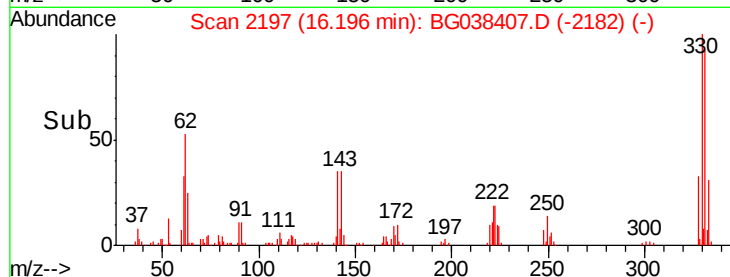
#67
4-Bromophenyl-phenylether
Concen: 3.030 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-B

Tgt Ion:248 Resp: 5789
Ion Ratio Lower Upper
248 100
250 212.3 77.0 115.6#
141 422.0 55.5 83.3#

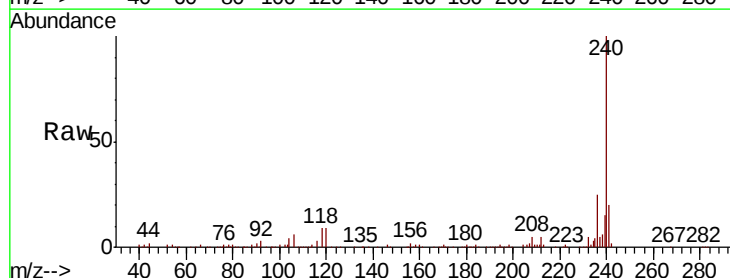


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

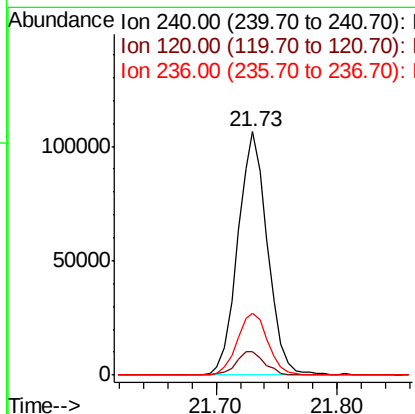
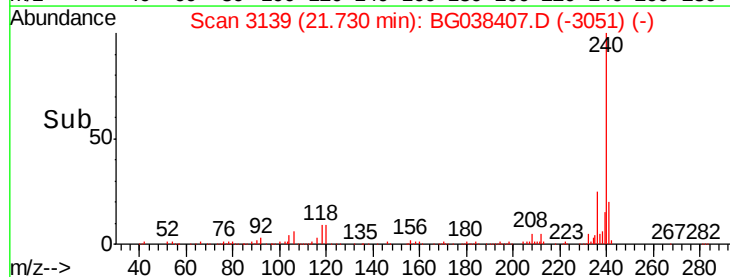


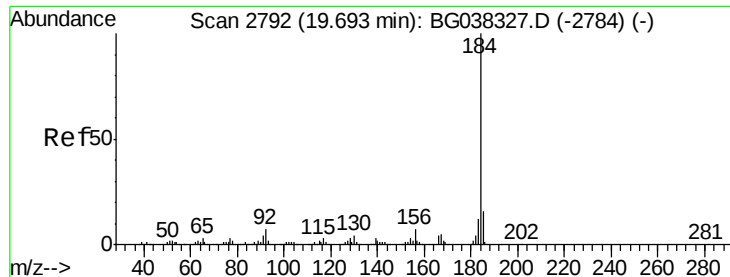
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

Tgt Ion:240 Resp: 181210
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.3 21.4 32.0



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





#77

Benzidine

Concen: 2.186 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.36 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

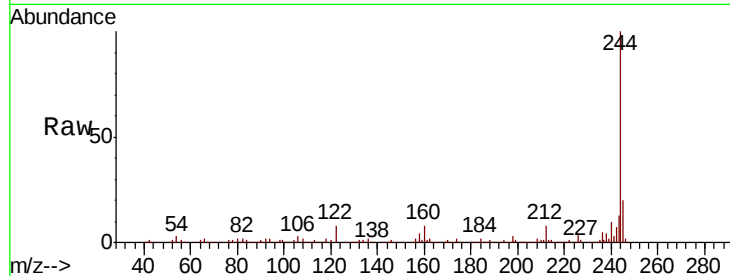
Tgt Ion:184 Resp: 13367

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

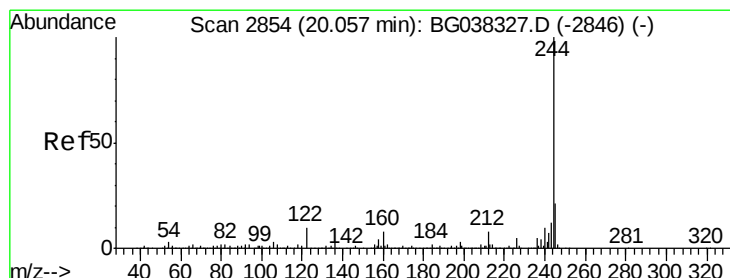
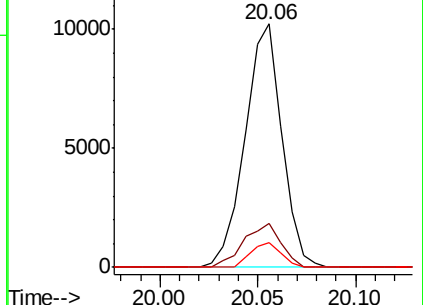
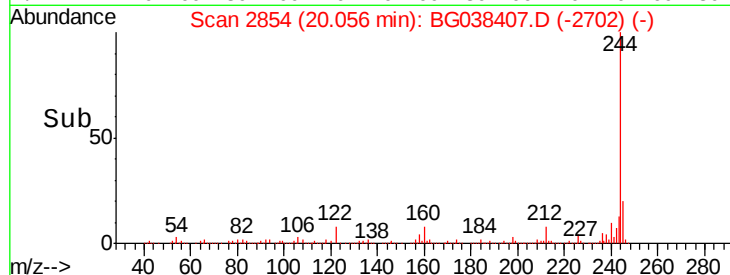
183 10.2 10.2 15.2



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



#79

Terphenyl-d14

Concen: 92.175 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038407.D

Acq: 7 Dec 2018 17:30

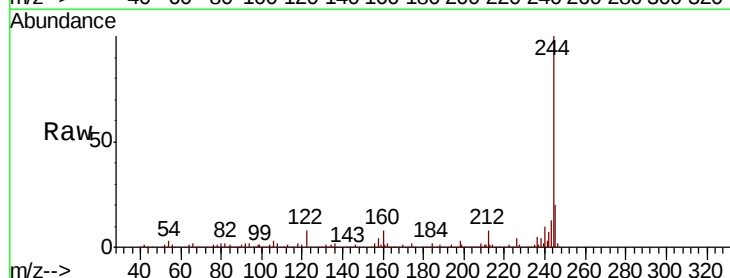
Tgt Ion:244 Resp: 779696

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

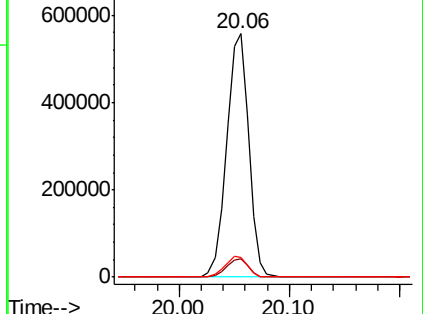
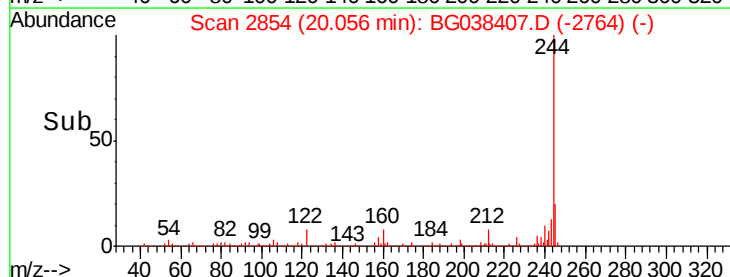
122 8.2 9.0 13.4#

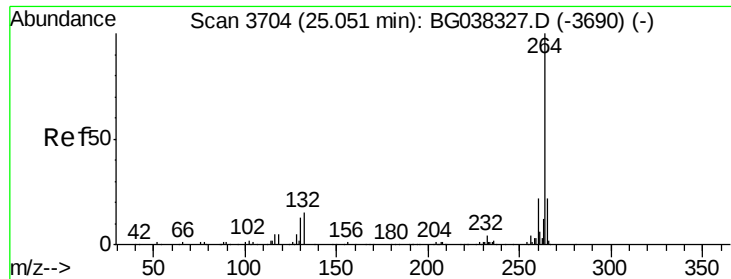


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038407.D
Acq: 7 Dec 2018 17:30

Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-B

Tgt Ion: 264 Resp: 213273
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.4
265 22.0 17.9 26.9

