

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038155.D
 Acq On : 27 Nov 2018 4:59
 Operator : JU/SJ
 Sample : J6061-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-M

Quant Time: Nov 27 06:58:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

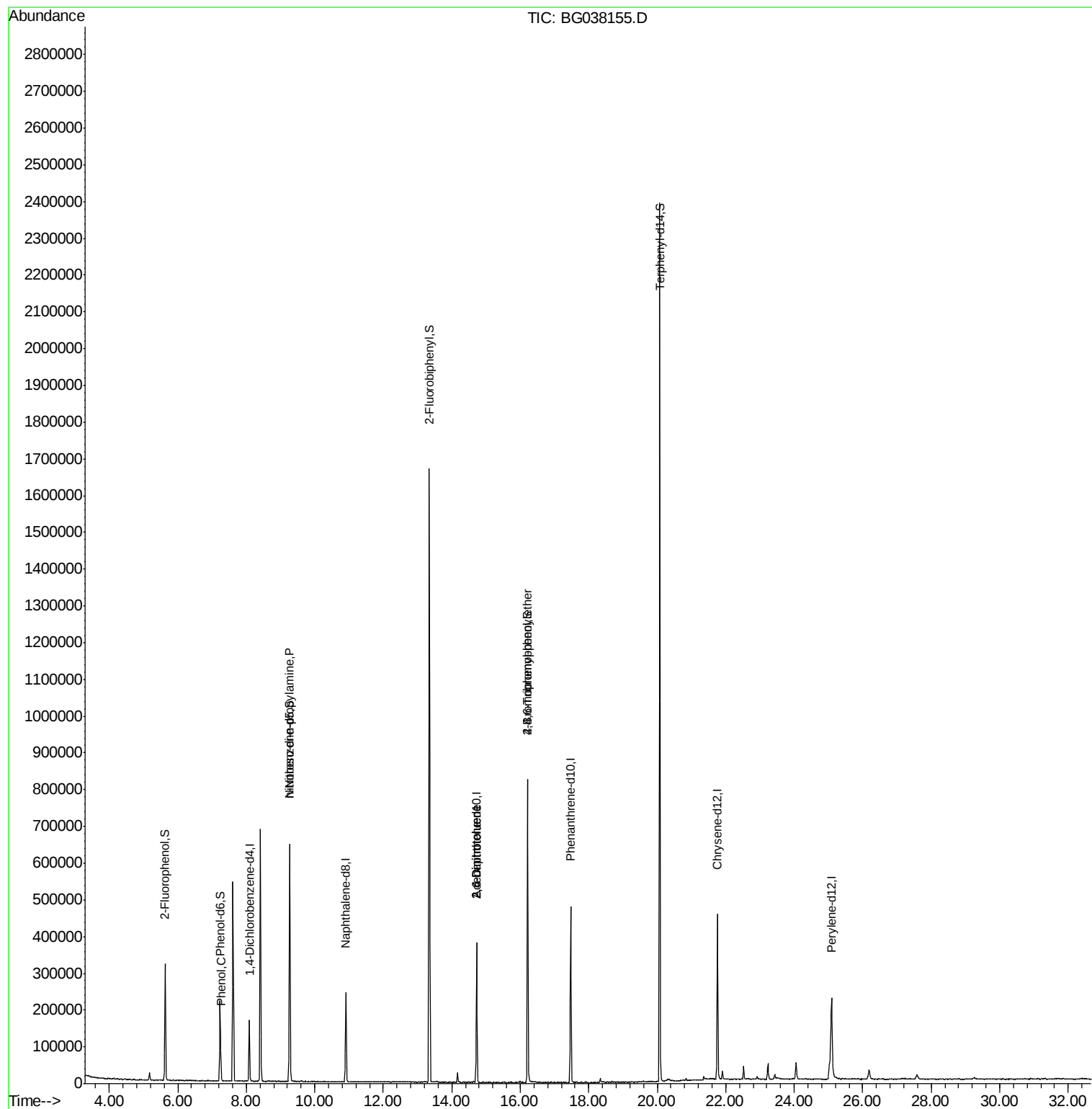
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48583	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	215476	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	137799	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	303356	20.00	ng	0.00
76) Chrysene-d12	21.75	240	281783	20.00	ng	0.00
87) Perylene-d12	25.09	264	279738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	145849	51.83	ng	0.00
7) Phenol-d6	7.24	99	134533	33.49	ng	0.00
23) Nitrobenzene-d5	9.27	82	407060	101.13	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	146078	92.95	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	897196	94.85	ng	0.00
79) Terphenyl-d14	20.07	244	1133381	94.64	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16175	3.802	ng	98
19) n-Nitroso-di-n-propylamine	9.27	70	53188	18.301	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	17592	7.115	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	17592	5.229	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	10912	3.277	ng	# 1

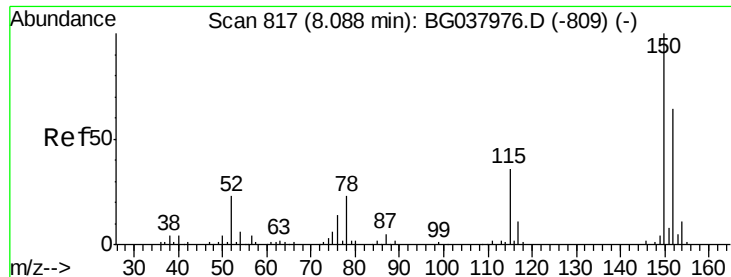
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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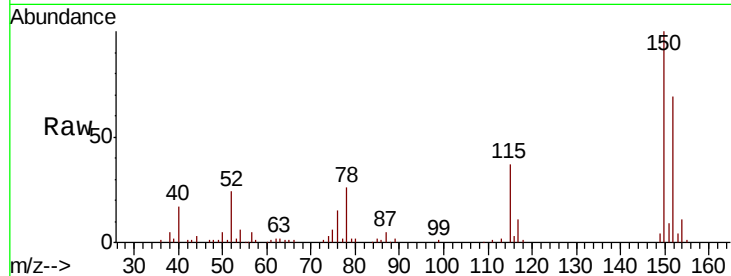


#1

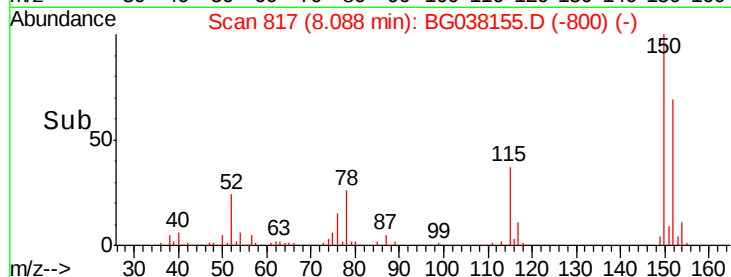
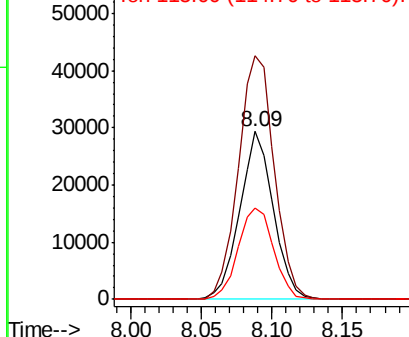
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038155.D
Acq: 27 Nov 2018 4:59

Instrument :
BNA_G
ClientSampleId :
112018-JETT-E-D-M

Tgt Ion:152 Resp: 48583
Ion Ratio Lower Upper
152 100
150 145.1 126.0 189.0
115 54.1 45.5 68.3



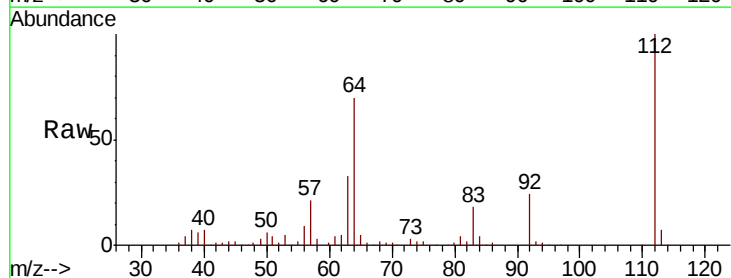
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



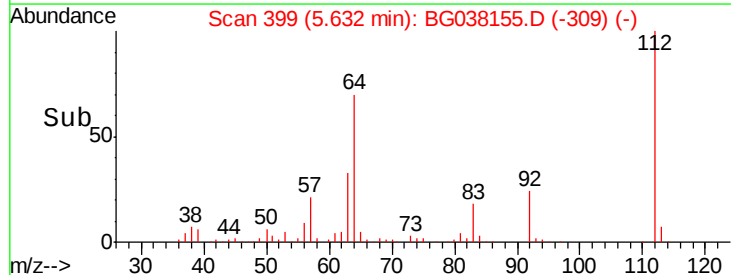
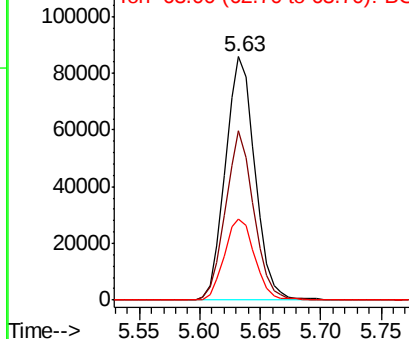
#5

2-Fluorophenol
Concen: 51.832 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038155.D
Acq: 27 Nov 2018 4:59

Tgt Ion:112 Resp: 145849
Ion Ratio Lower Upper
112 100
64 69.5 53.1 79.7
63 33.3 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: 33.494 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-M

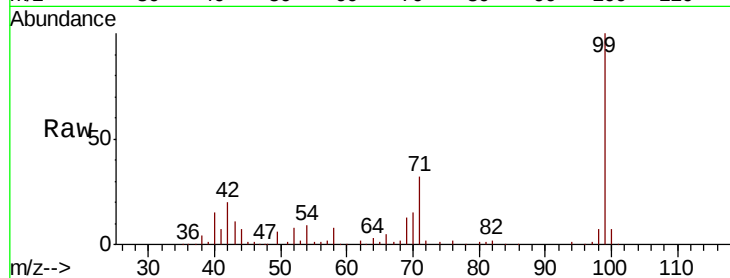
Tgt Ion: 99 Resp: 134533

Ion Ratio Lower Upper

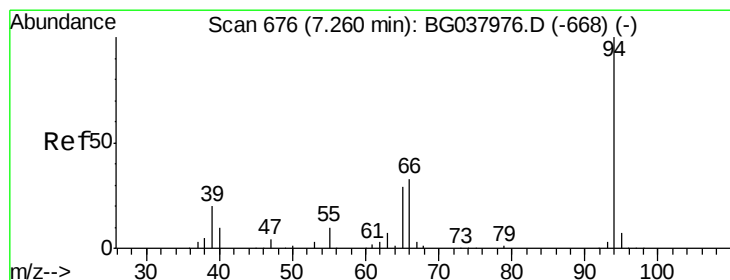
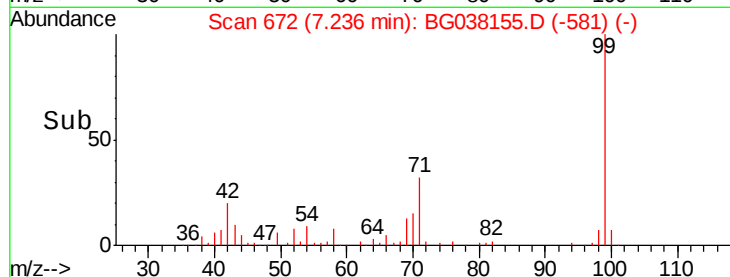
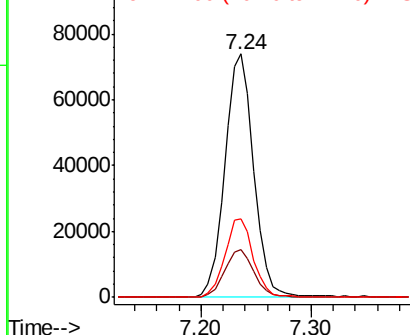
99 100

42 19.9 15.0 22.4

71 32.2 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: 3.802 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

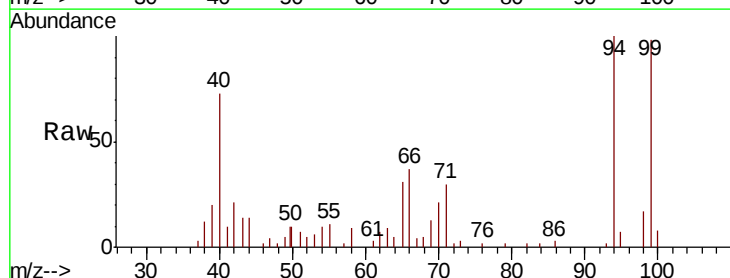
Tgt Ion: 94 Resp: 16175

Ion Ratio Lower Upper

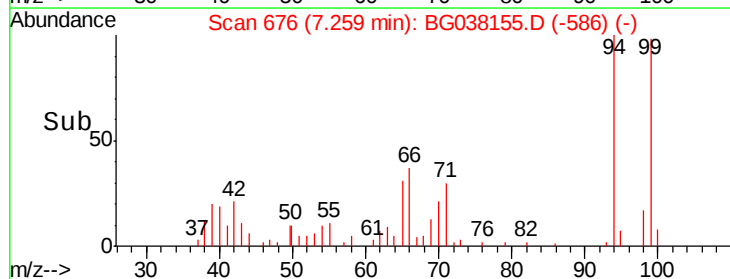
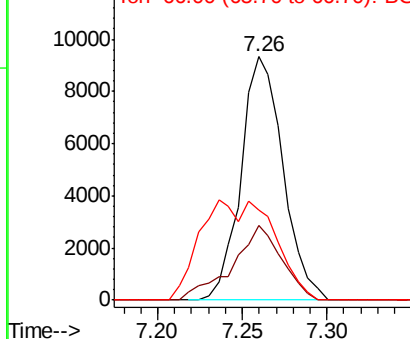
94 100

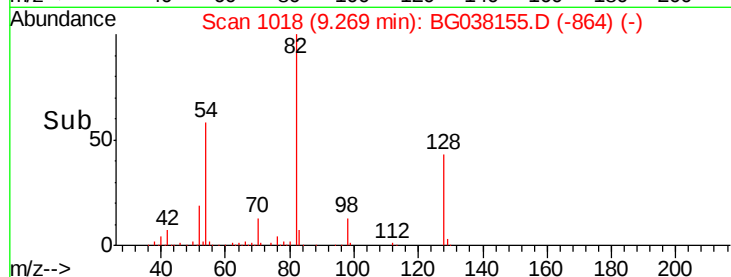
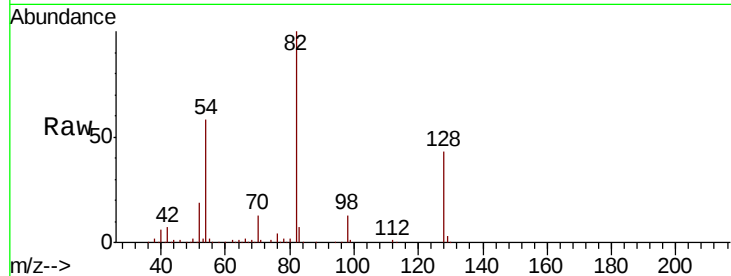
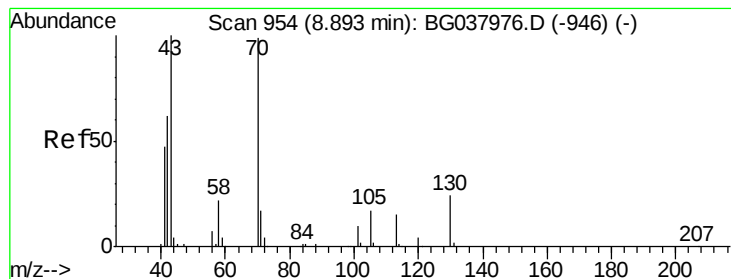
65 30.8 9.7 49.7

66 36.9 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: 18.301 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.38 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-M

Tgt Ion: 70 Resp: 53188

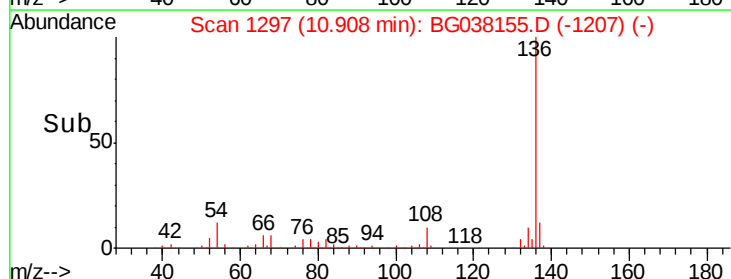
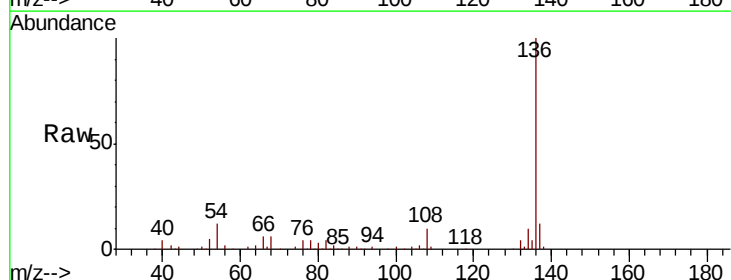
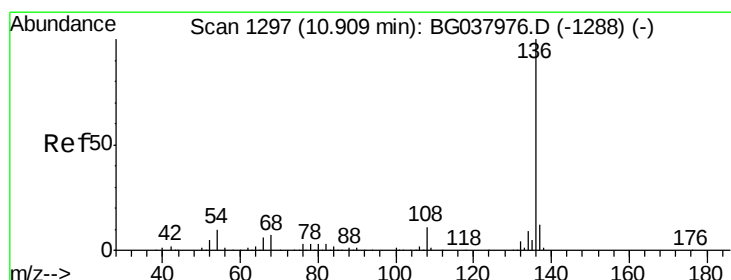
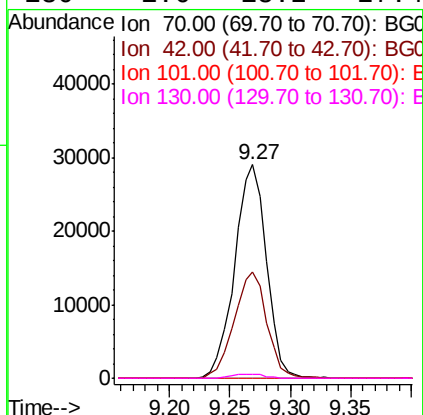
Ion Ratio Lower Upper

70 100

42 49.8 53.9 80.9#

101 0.0 8.2 12.2#

130 1.6 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

Tgt Ion: 136 Resp: 215476

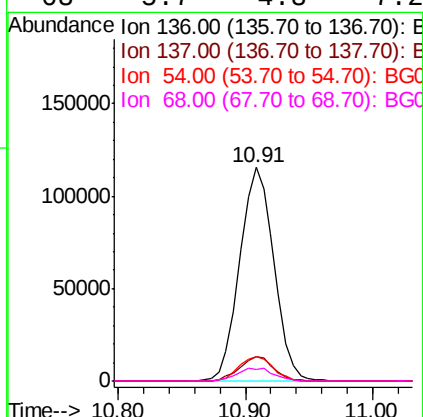
Ion Ratio Lower Upper

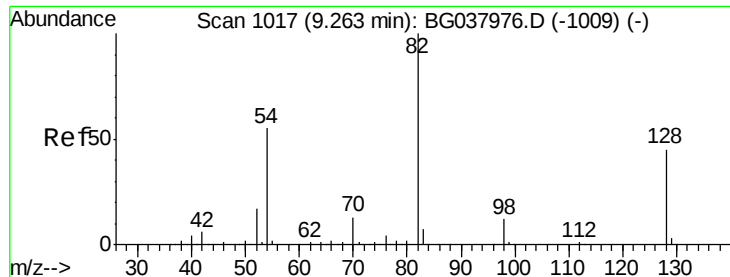
136 100

137 11.7 9.6 14.4

54 11.6 7.9 11.9

68 5.7 4.8 7.2

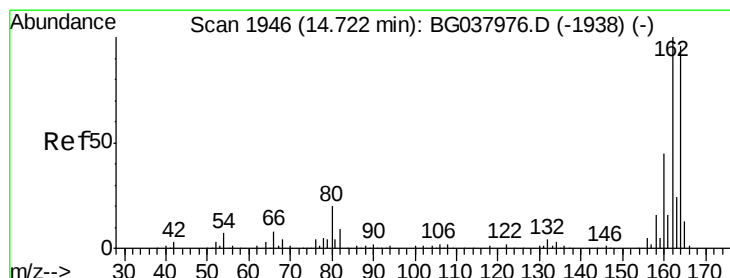
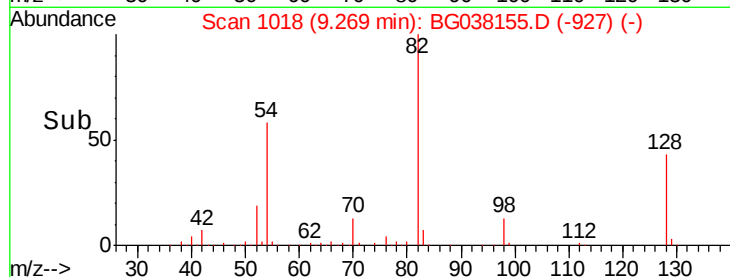
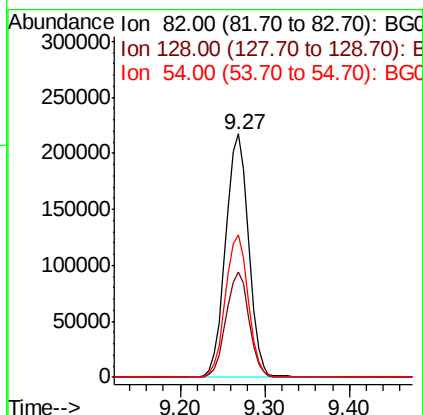
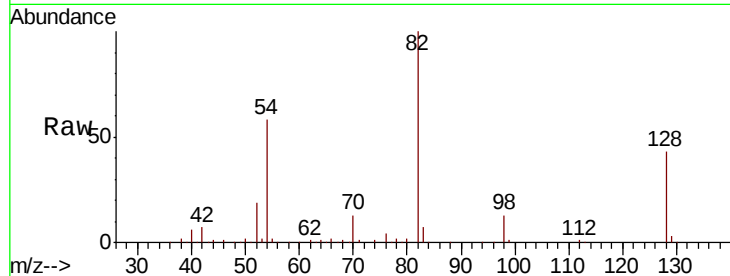




#23
 Nitrobenzene-d5
 Concen: 101.125 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BG038155.D
 Acq: 27 Nov 2018 4:59

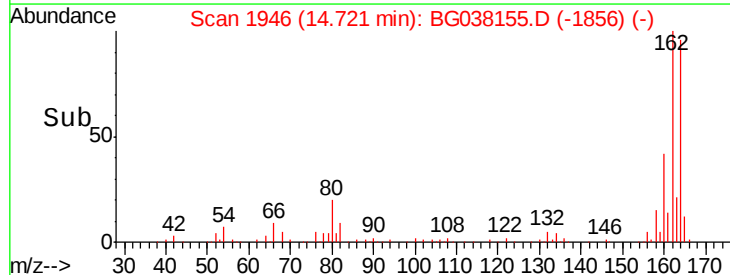
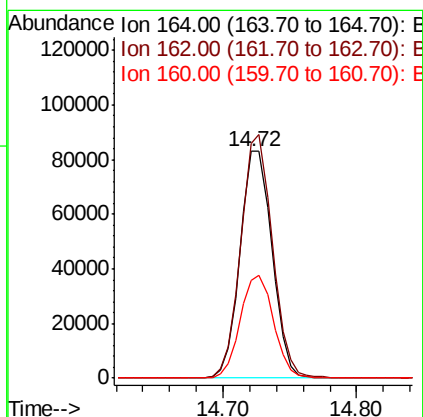
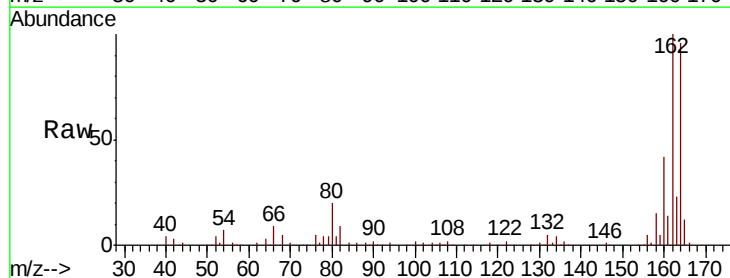
Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-M

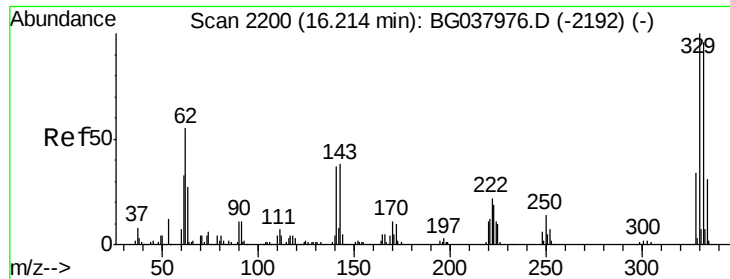
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	58.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038155.D
 Acq: 27 Nov 2018 4:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.3	121.9
160	43.1	36.3	54.5

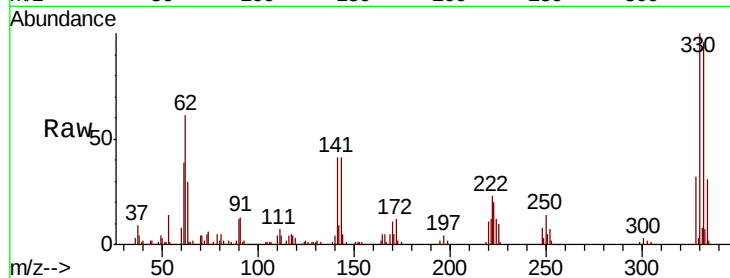




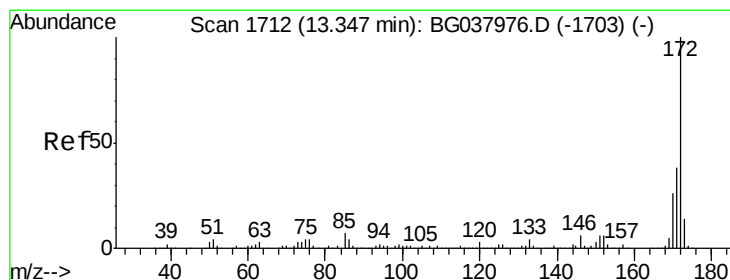
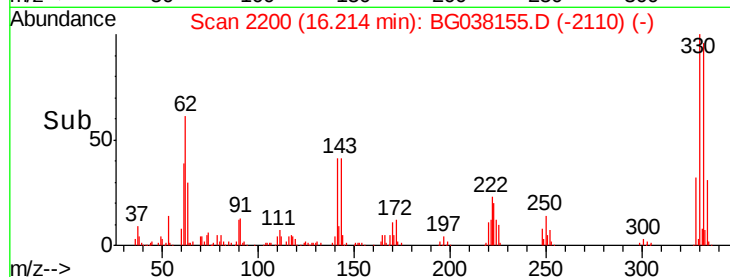
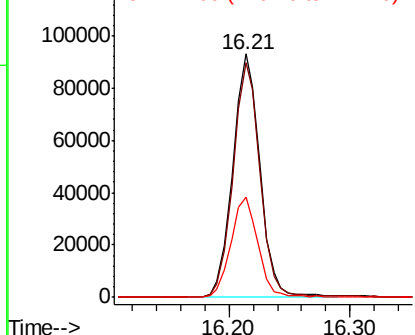
#42
 2,4,6-Tribromophenol
 Concen: 92.951 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038155.D
 Acq: 27 Nov 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-M

Tgt Ion:330 Resp: 146078
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.4 117.6
 141 41.2 32.2 48.2

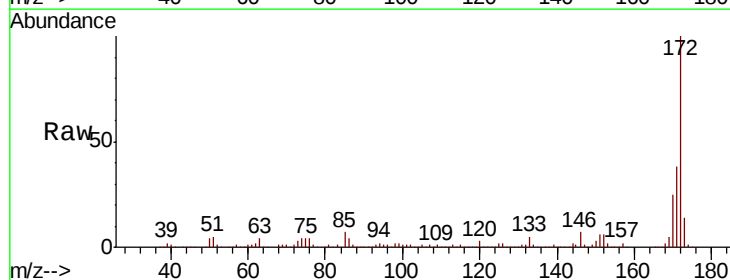


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

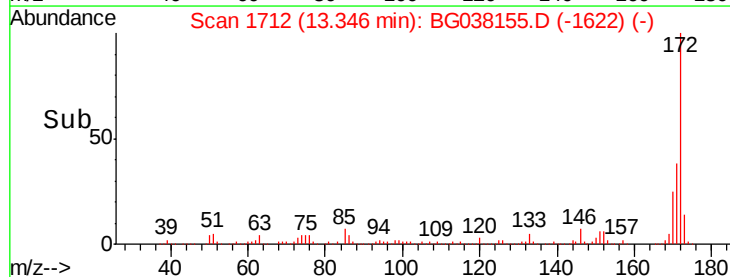
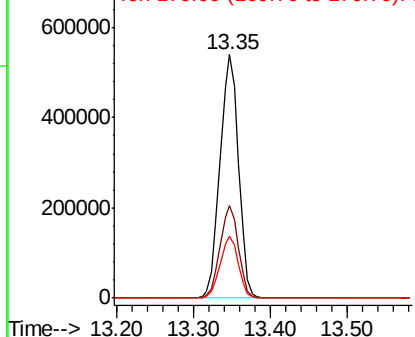


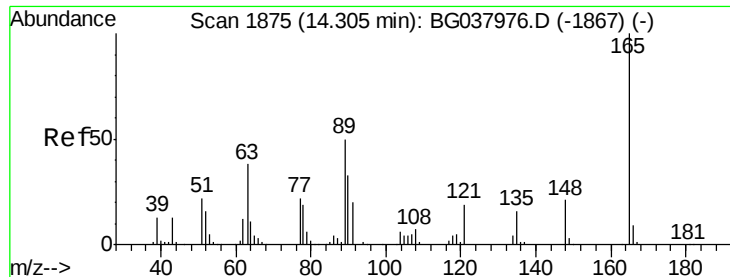
#45
 2-Fluorobiphenyl
 Concen: 94.854 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG038155.D
 Acq: 27 Nov 2018 4:59

Tgt Ion:172 Resp: 897196
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.2 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





#51

2,6-Dinitrotoluene

Concen: 7.115 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.42 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-M

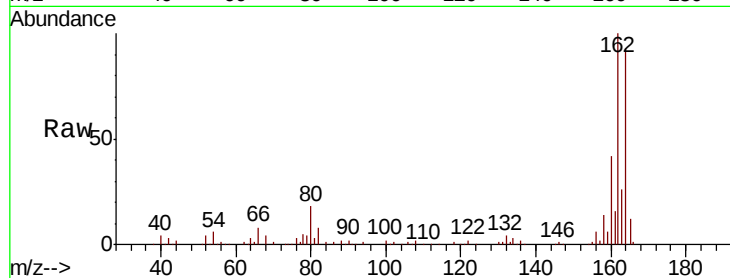
Tgt Ion:165 Resp: 17592

Ion Ratio Lower Upper

165 100

63 2.3 43.4 65.2#

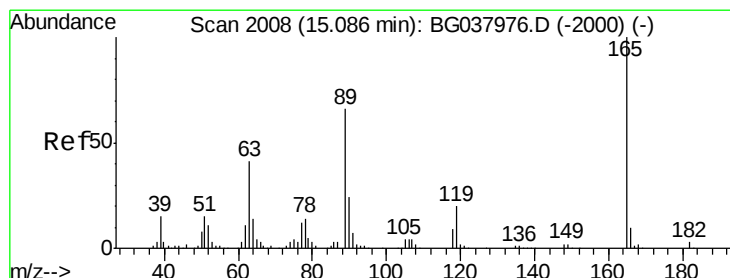
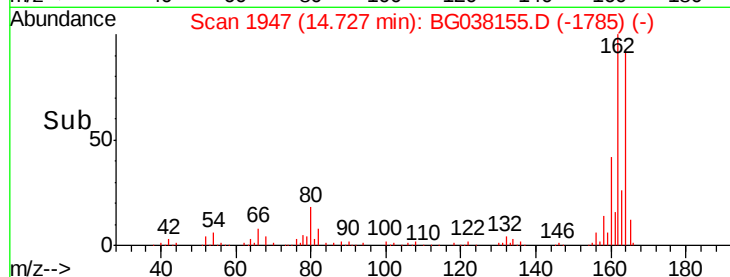
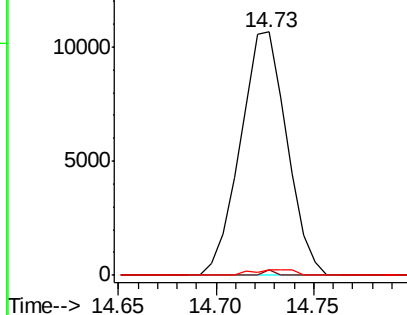
89 2.1 45.8 68.6#



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: 5.229 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.36 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

Tgt Ion:165 Resp: 17592

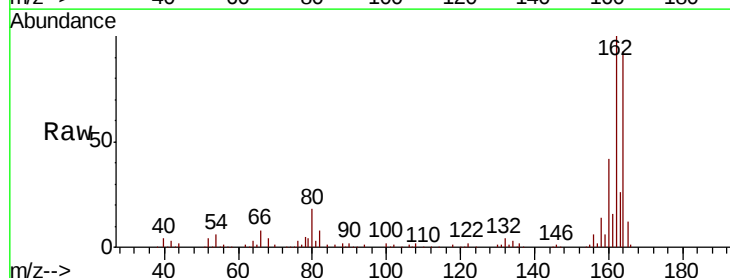
Ion Ratio Lower Upper

165 100

63 2.3 33.4 50.0#

89 2.1 57.2 85.8#

182 0.0 2.6 4.0#

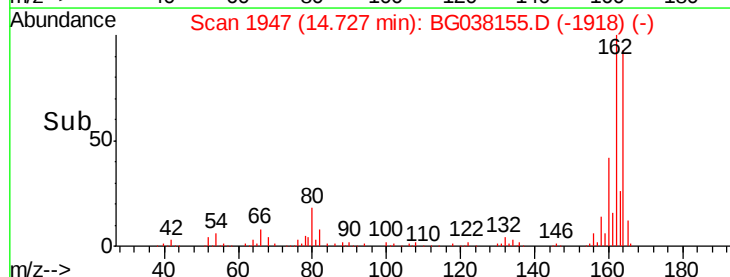
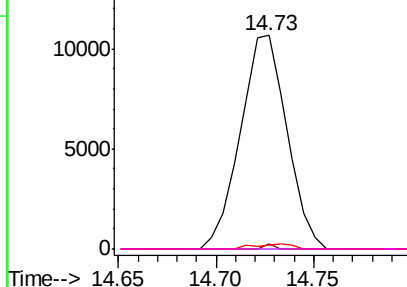


Abundance Ion 165.00 (164.70 to 165.70): E

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

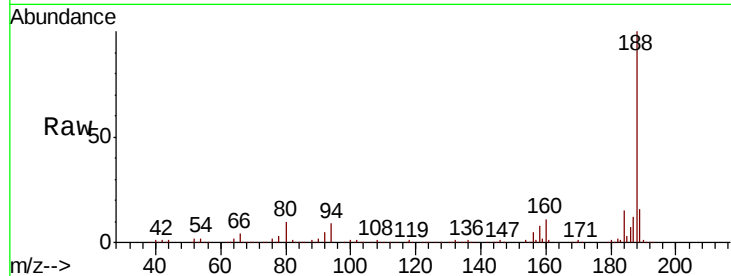




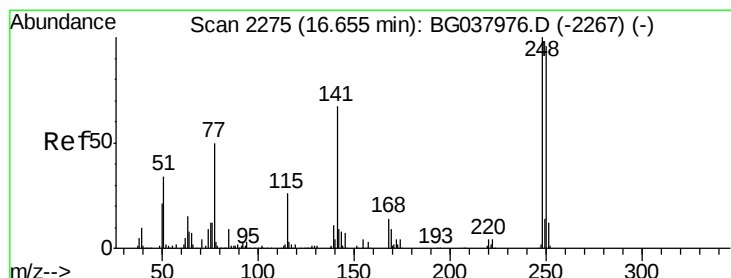
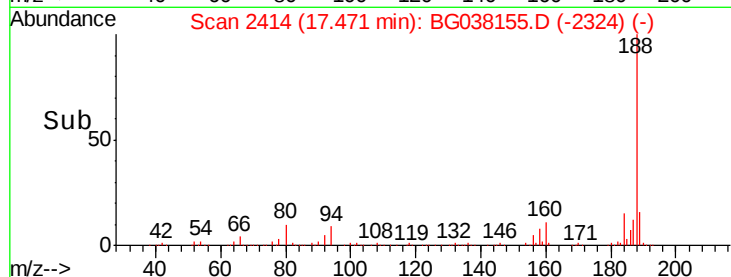
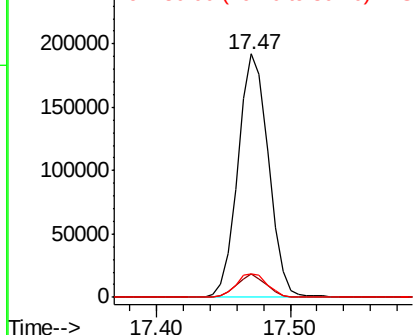
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038155.D
Acq: 27 Nov 2018 4:59

Instrument :
BNA_G
ClientSampleId :
112018-JETT-E-D-M

Tgt Ion:188 Resp: 303356
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.6 7.7 11.5

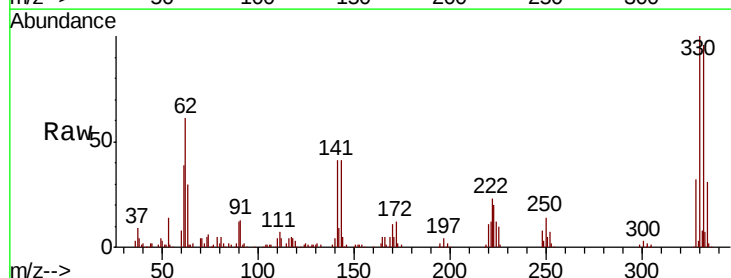


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

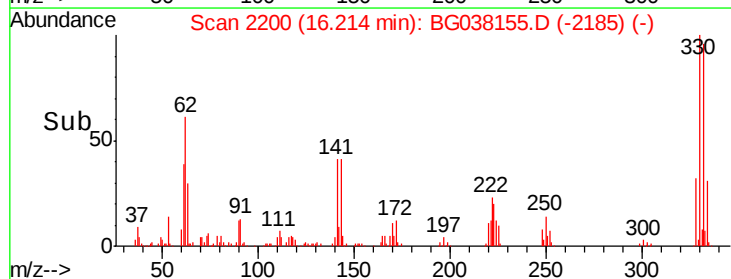
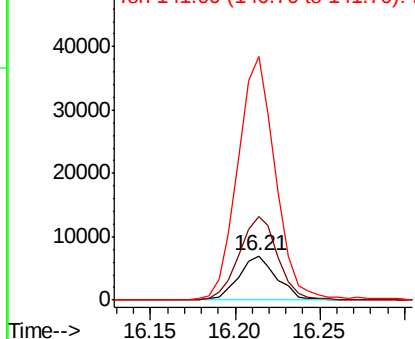


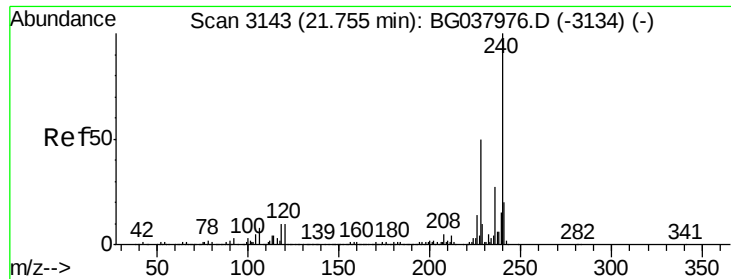
#67
4-Bromophenyl-phenylether
Concen: 3.277 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.44 min
Lab File: BG038155.D
Acq: 27 Nov 2018 4:59

Tgt Ion:248 Resp: 10912
Ion Ratio Lower Upper
248 100
250 184.8 77.0 115.6#
141 405.4 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: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-M

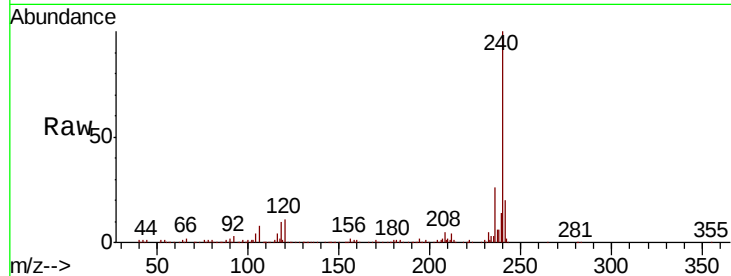
Tgt Ion:240 Resp: 281783

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

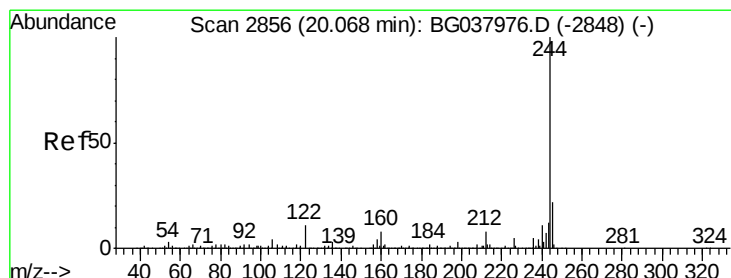
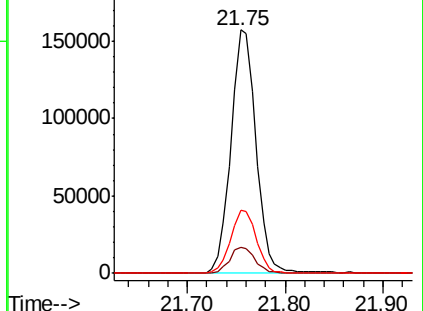
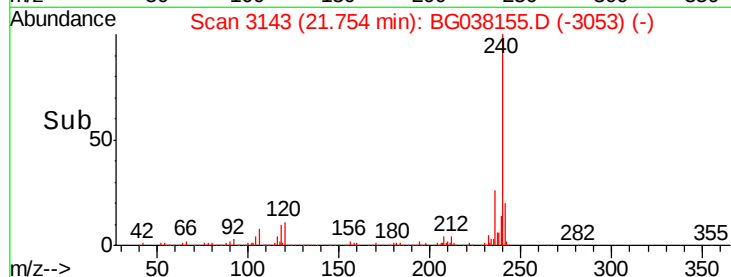
236 25.9 21.4 32.0



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



#79

Terphenyl-d14

Concen: 94.642 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038155.D

Acq: 27 Nov 2018 4:59

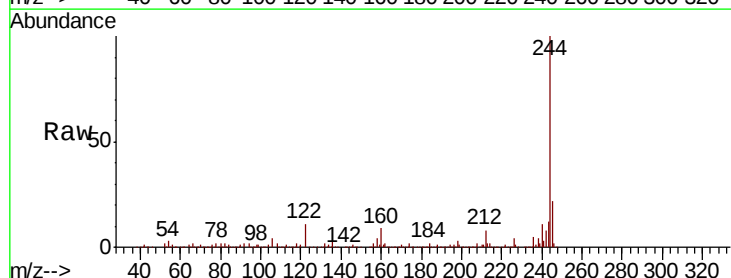
Tgt Ion:244 Resp: 1133381

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

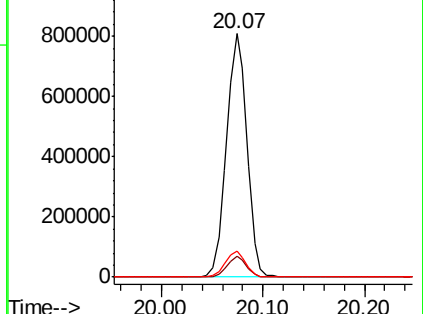
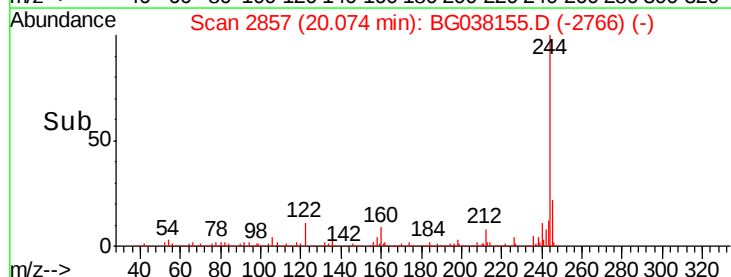
122 10.7 9.0 13.4

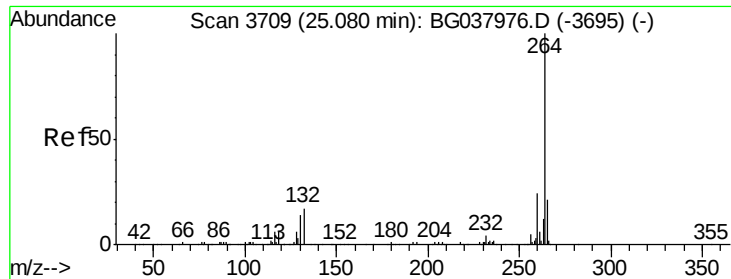


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3710
Delta R.T. 0.01 min
Lab File: BG038155.D
Acq: 27 Nov 2018 4:59

Instrument :
BNA_G
ClientSampleId :
112018-JETT-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.4	17.9	26.9

