

Data File : BG036580.D
Acq On : 6 Sep 2018 22:05
Operator : JU/SJ
Sample : J4798-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-B

Quant Time: Sep 07 04:21:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

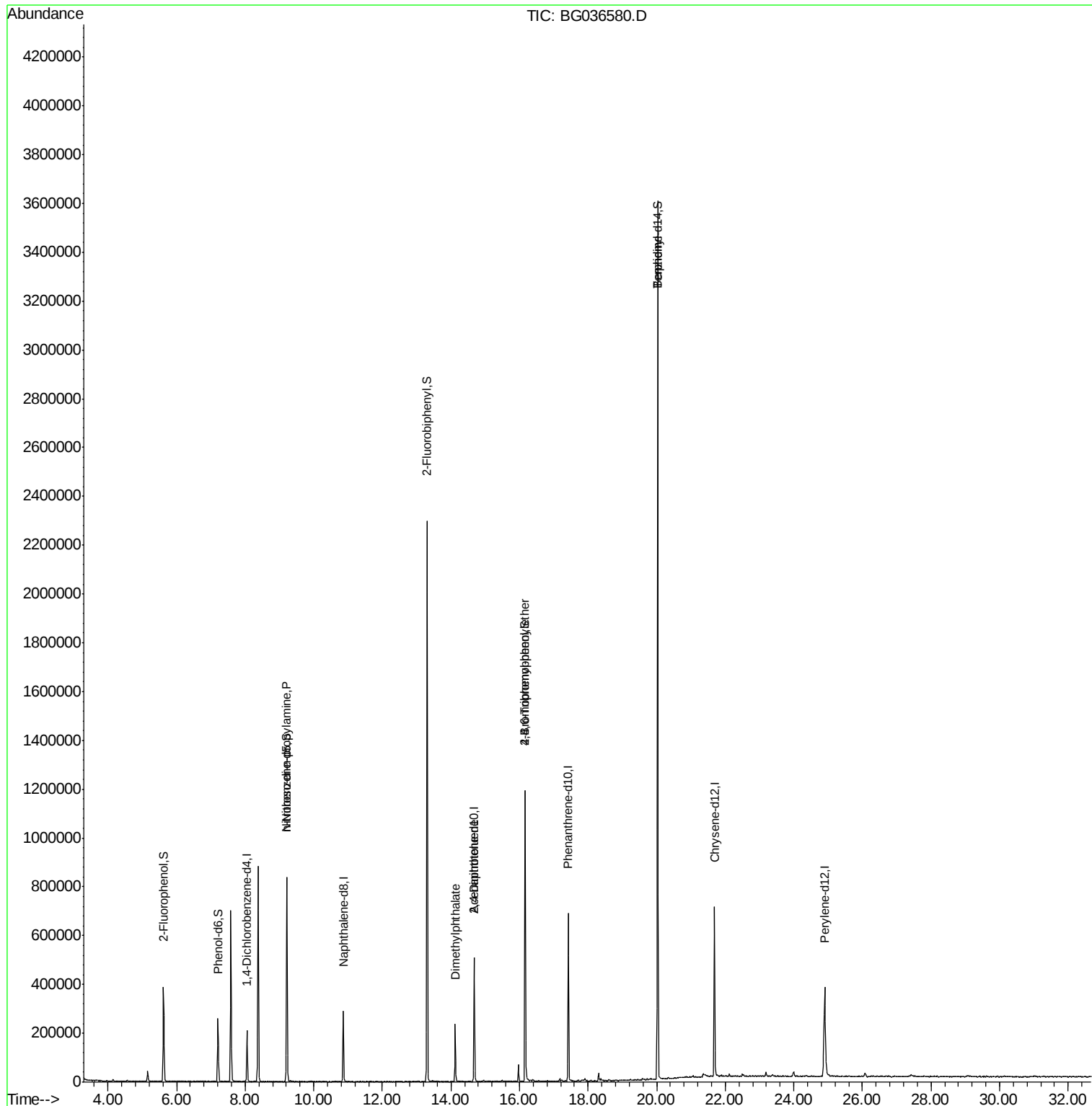
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58210	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	249849	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169817	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	436488	20.00	ng	0.00
75) Chrysene-d12	21.68	240	443751	20.00	ng	0.00
86) Perylene-d12	24.90	264	440429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	170491	46.46	ng	0.00
7) Phenol-d6	7.21	99	148516	28.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	497083	107.95	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	233962	115.46	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1171814	98.53	ng	0.00
78) Terphenyl-d14	20.03	244	1704400	89.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	67032	17.071	ng	Qvalue 71
49) Dimethylphthalate	14.13	163	161159	11.622	ng	98
56) 2,4-Dinitrotoluene	14.68	165	22051	5.930	ng	# 22
66) 4-Bromophenyl-phenylether	16.17	248	17158	3.357	ng	# 1
76) Benzidine	20.03	184	30786	2.175	ng	96

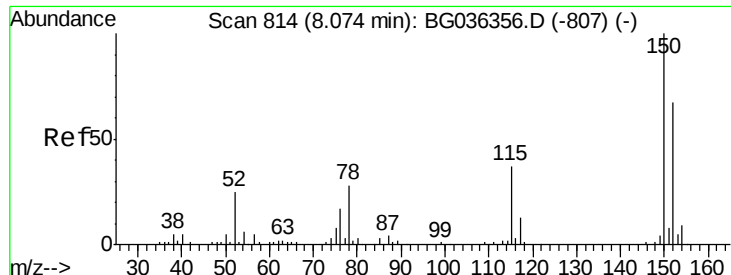
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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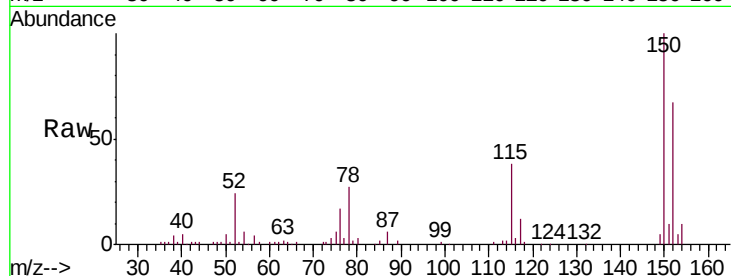


#1

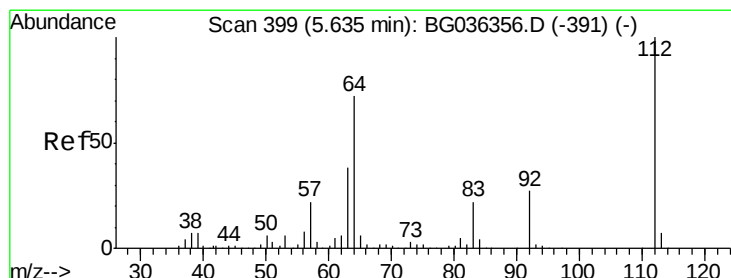
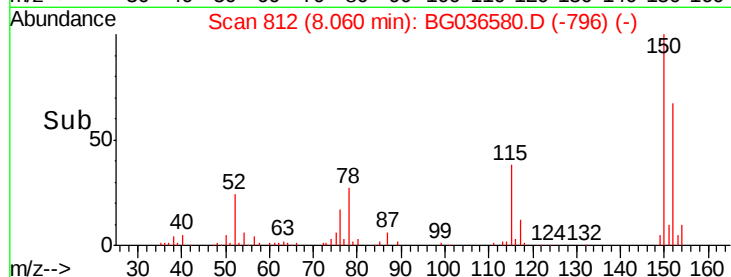
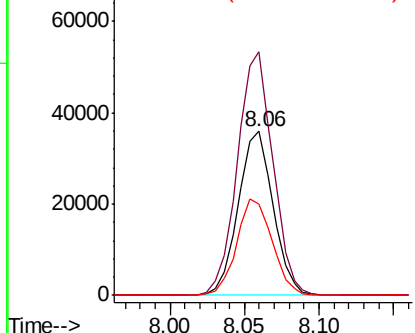
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-B

Tgt Ion:152 Resp: 58210
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 56.1 44.5 66.7



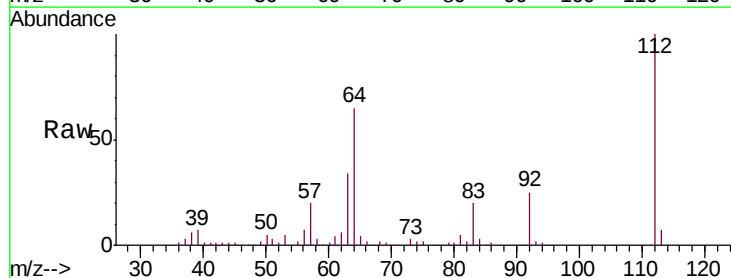
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



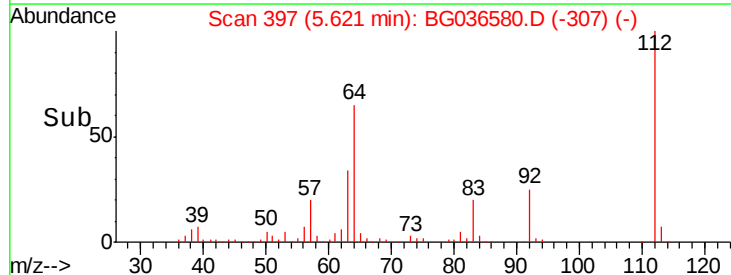
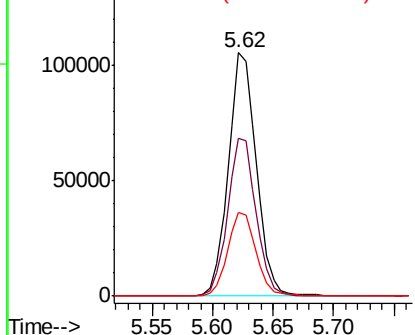
#5

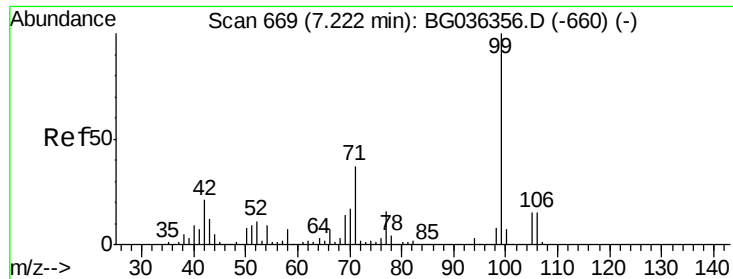
2-Fluorophenol
Concen: 46.461 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Tgt Ion:112 Resp: 170491
Ion Ratio Lower Upper
112 100
64 64.8 57.2 85.8
63 34.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.268 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036580.D

Acq: 6 Sep 2018 22:05

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-B

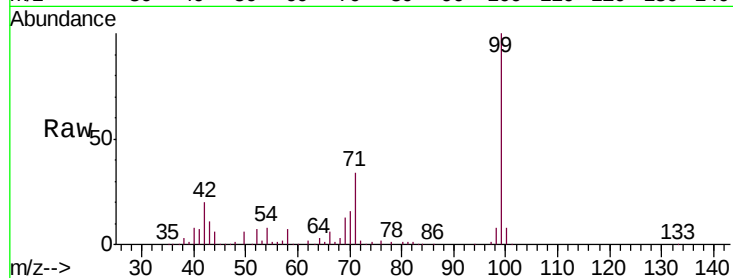
Tgt Ion: 99 Resp: 148516

Ion Ratio Lower Upper

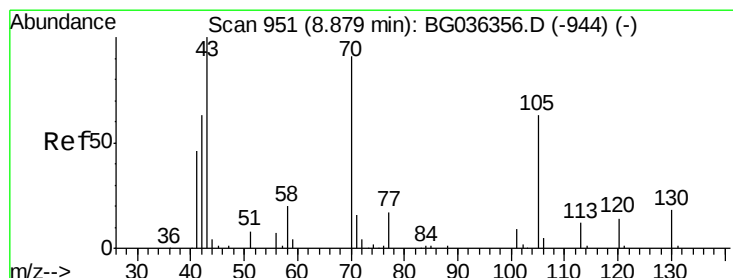
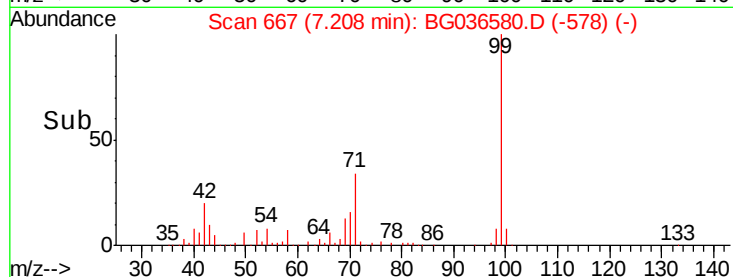
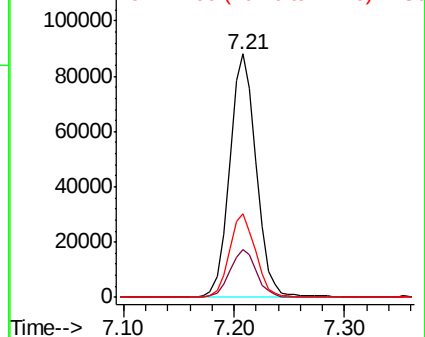
99 100

42 19.8 16.5 24.7

71 34.2 29.4 44.2



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: 17.071 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036580.D

Acq: 6 Sep 2018 22:05

Tgt Ion: 70 Resp: 67032

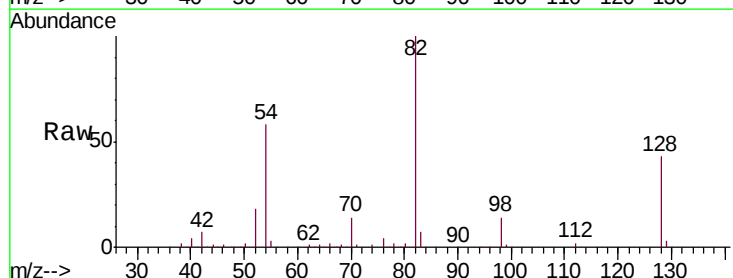
Ion Ratio Lower Upper

70 100

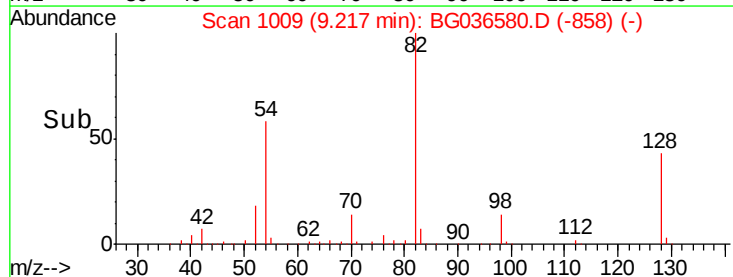
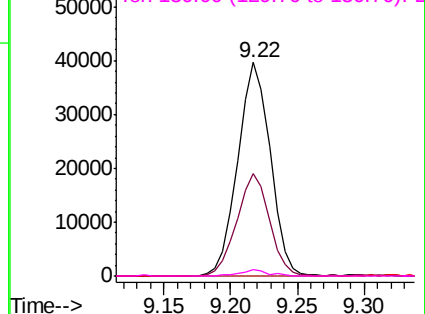
42 48.0 56.2 84.4#

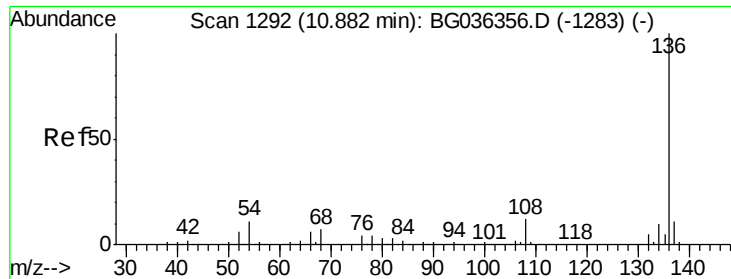
101 0.0 7.8 11.6#

130 2.8 16.2 24.2#



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

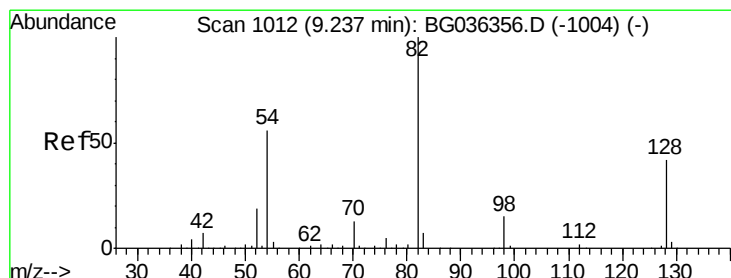
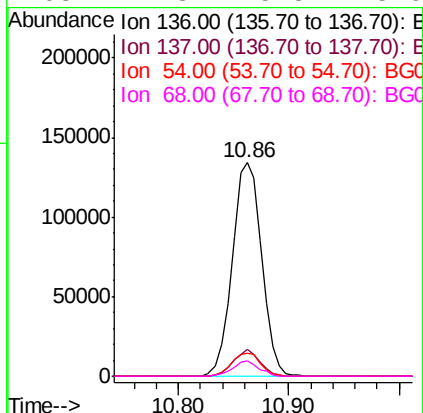
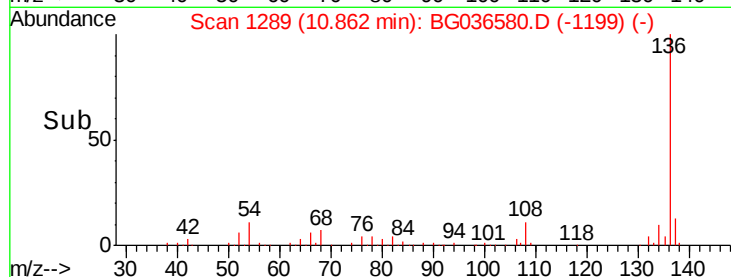
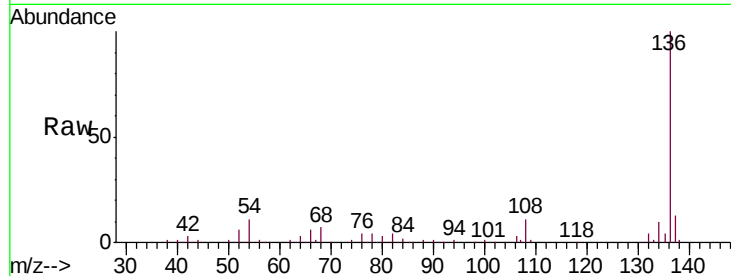




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

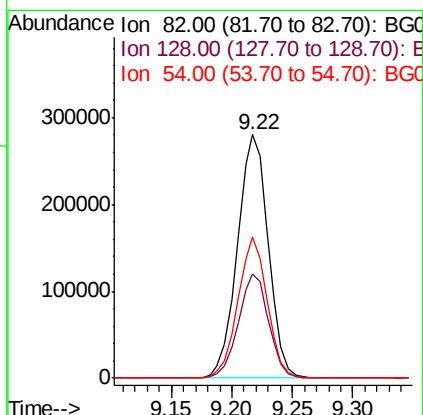
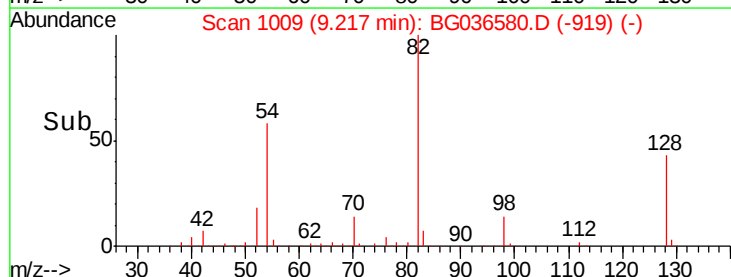
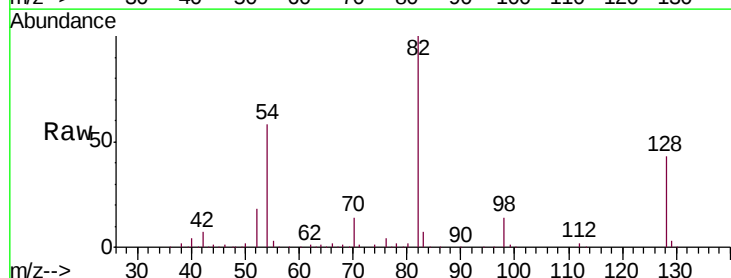
Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-B

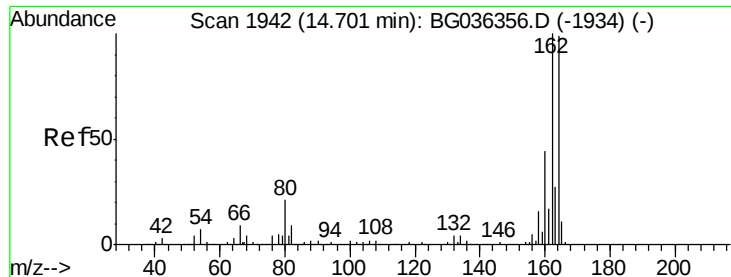
Tgt Ion:	136	Resp:	249849
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.8	13.2
54	10.6	9.2	13.8
68	7.3	5.8	8.6



#23
Nitrobenzene-d5
Concen: 107.946 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Tgt Ion:	82	Resp:	497083
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	58.1	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036580.D

Acq: 6 Sep 2018 22:05

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-B

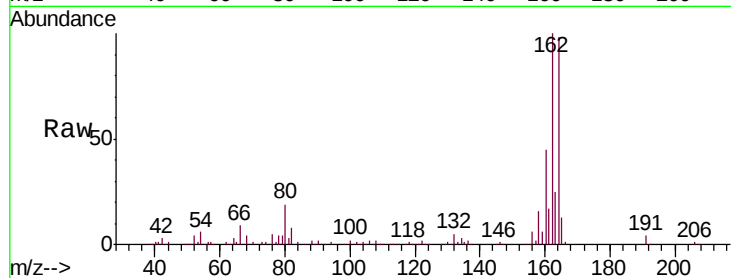
Tgt Ion:164 Resp: 169817

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

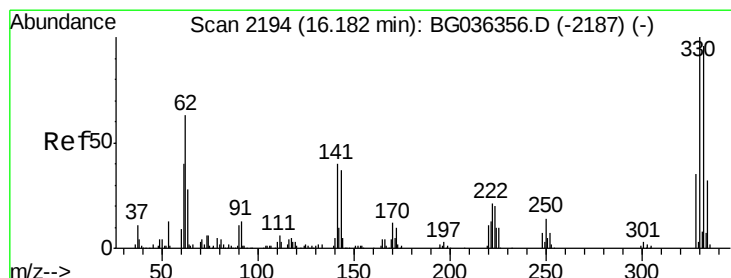
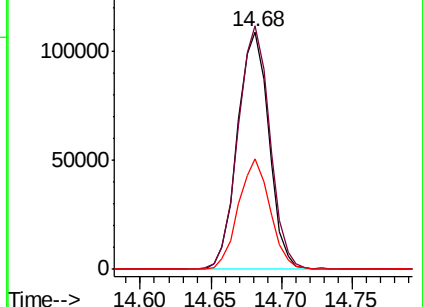
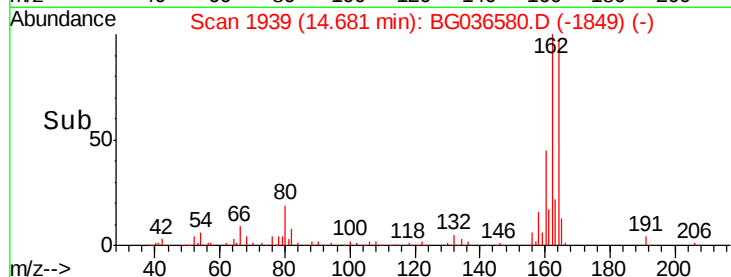
160 46.5 35.3 52.9



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: 115.463 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036580.D

Acq: 6 Sep 2018 22:05

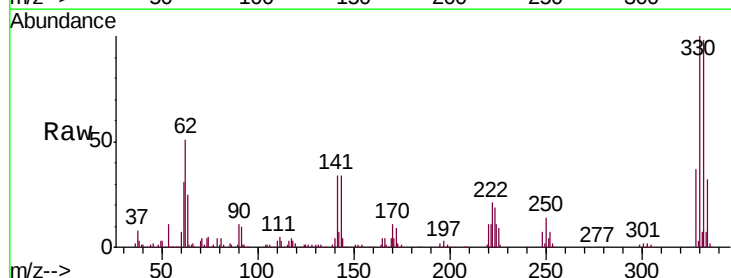
Tgt Ion:330 Resp: 233962

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

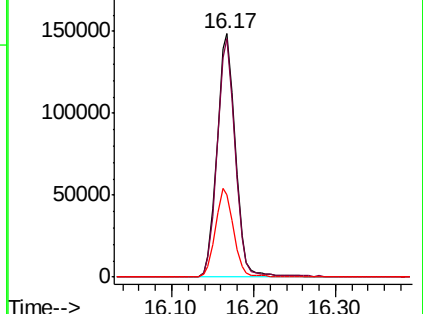
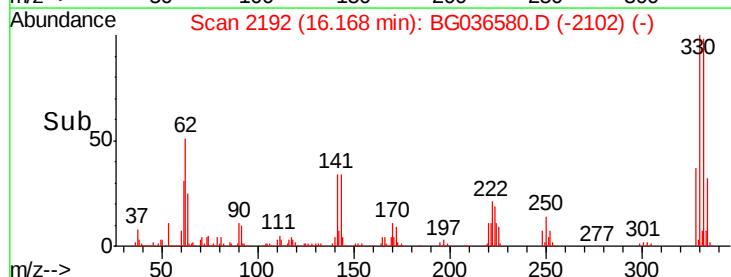
141 36.1 30.7 46.1

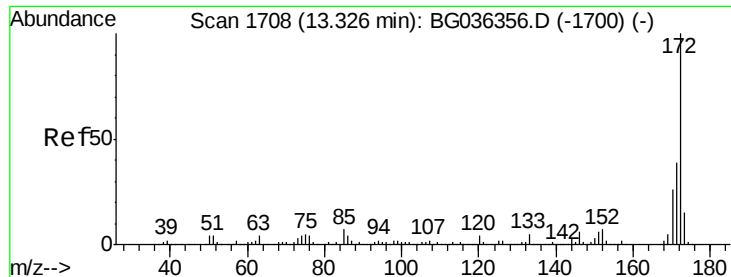


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

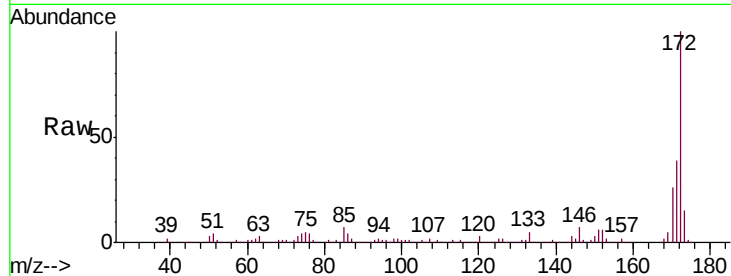




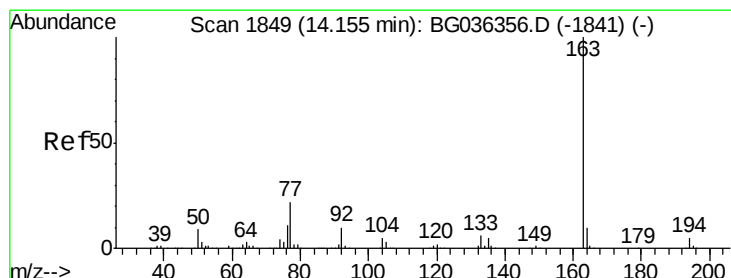
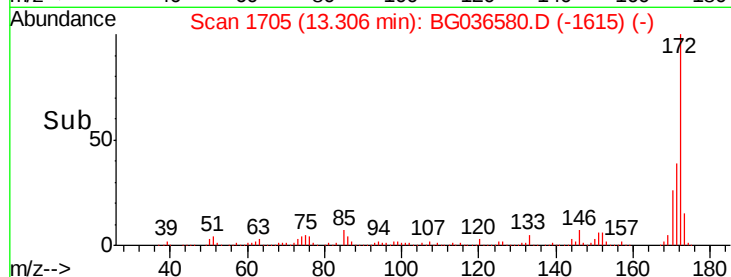
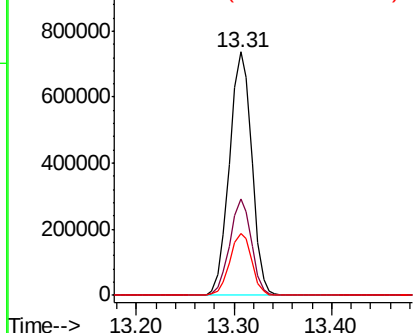
#44
2-Fluorobiphenyl
Concen: 98.526 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-B

Tgt Ion:172 Resp: 1171814
Ion Ratio Lower Upper
172 100
171 39.4 31.3 46.9
170 25.5 21.0 31.6

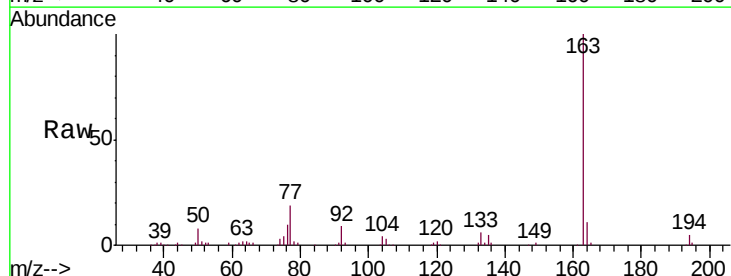


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

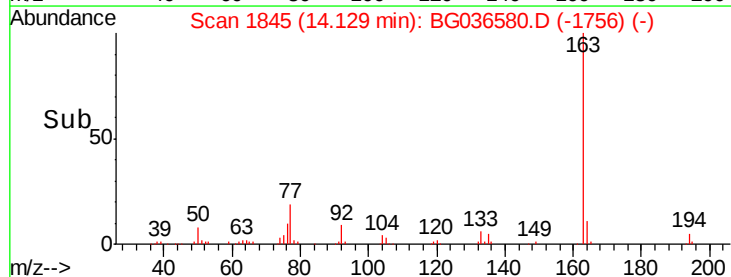
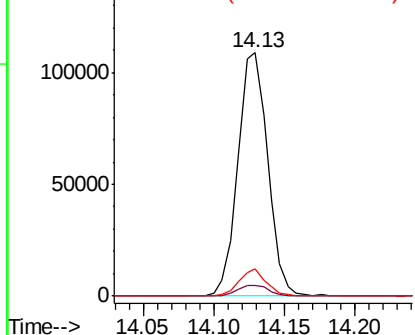


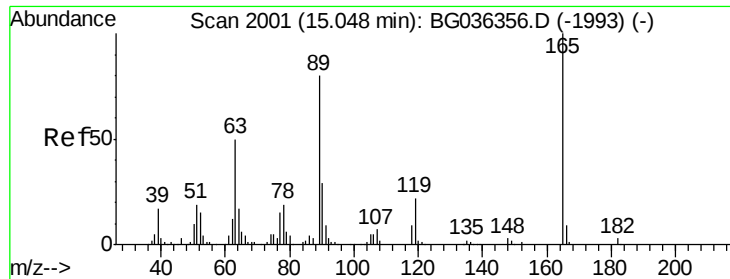
#49
Dimethylphthalate
Concen: 11.622 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Tgt Ion:163 Resp: 161159
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 11.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

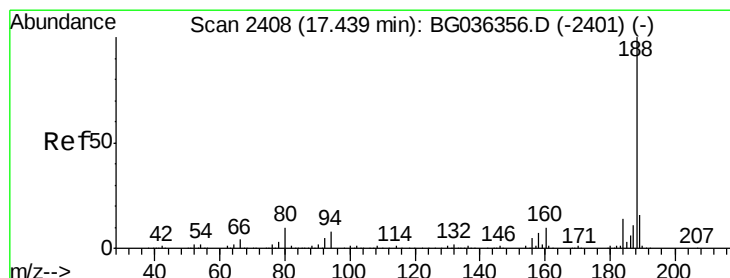
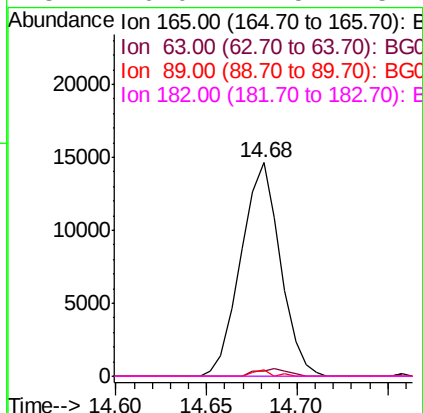
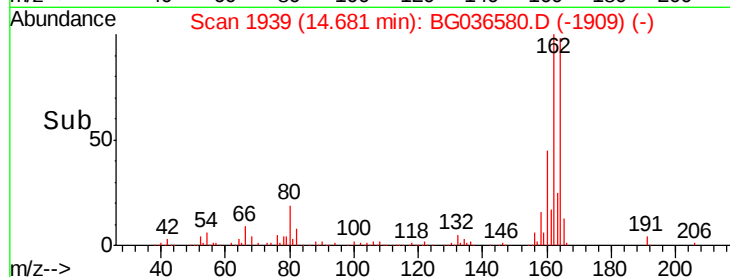
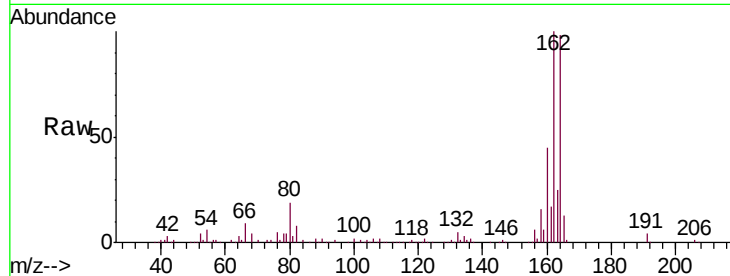




#56
 2,4-Dinitrotoluene
 Concen: 5.930 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036580.D
 Acq: 6 Sep 2018 22:05

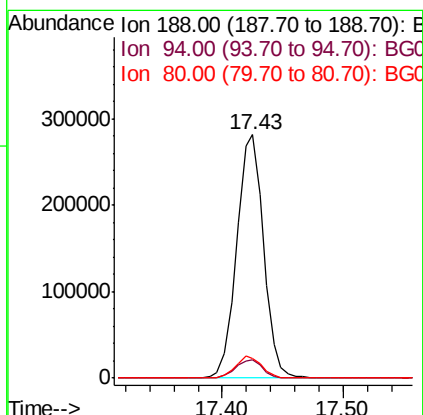
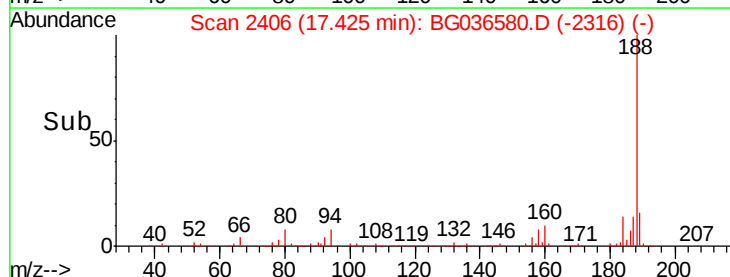
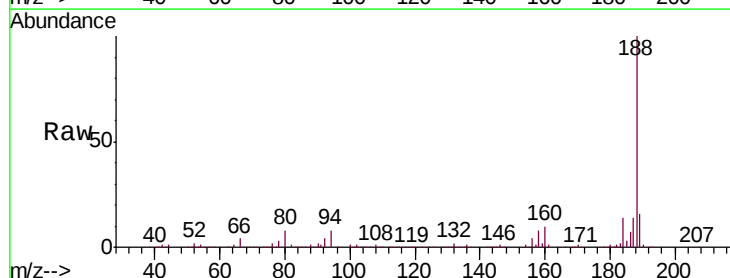
Instrument :
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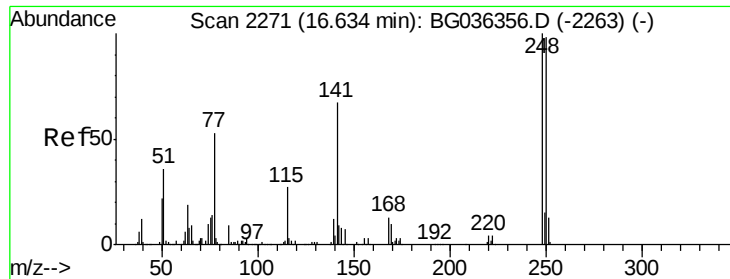
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036580.D
 Acq: 6 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.3	8.1	12.1

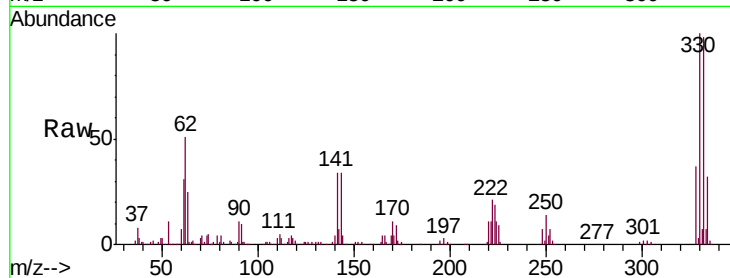




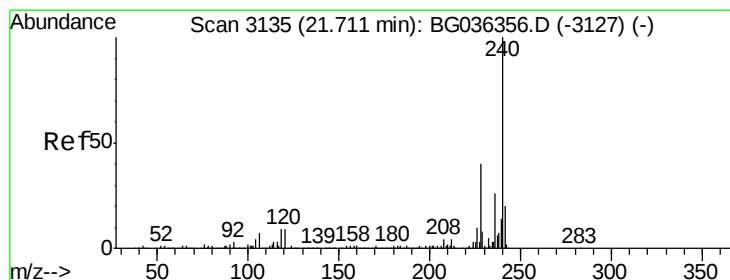
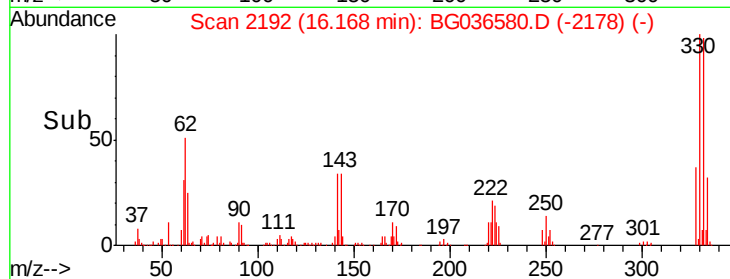
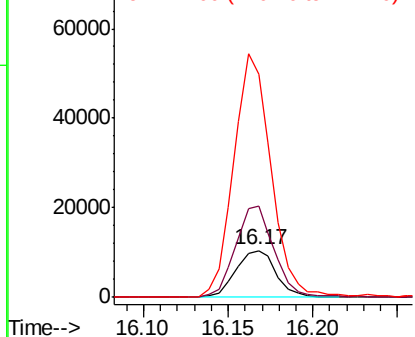
#66
4-Bromophenyl-phenylether
Concen: 3.357 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-B

Tgt Ion:248 Resp: 17158
Ion Ratio Lower Upper
248 100
250 195.4 78.1 117.1#
141 477.7 53.7 80.5#

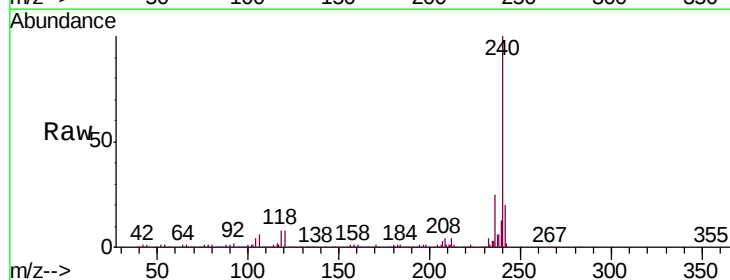


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

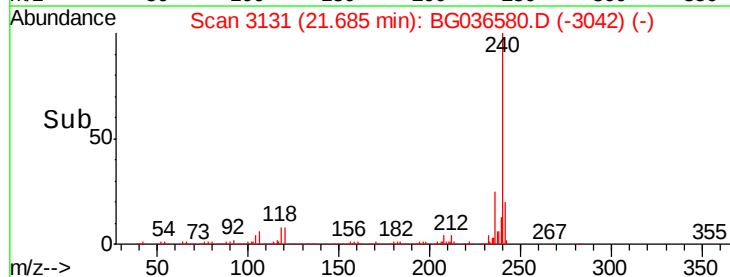
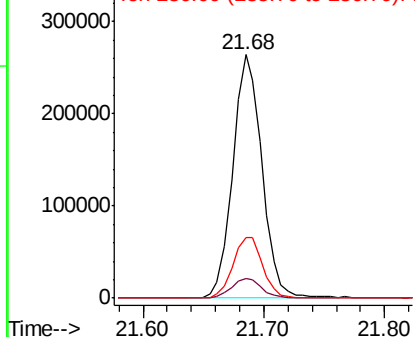


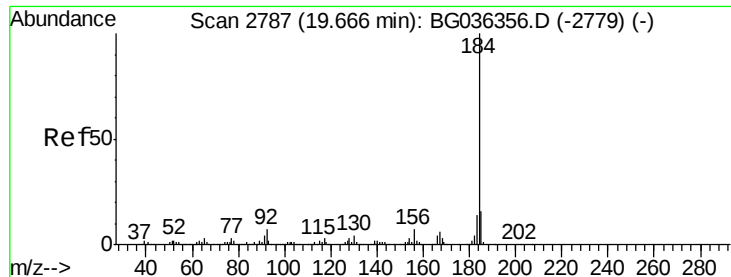
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Tgt Ion:240 Resp: 443751
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.1 21.2 31.8



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: 2.175 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036580.D

Acq: 6 Sep 2018 22:05

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-B

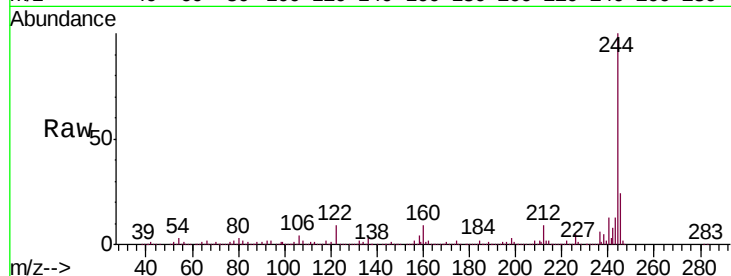
Tgt Ion:184 Resp: 30786

Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

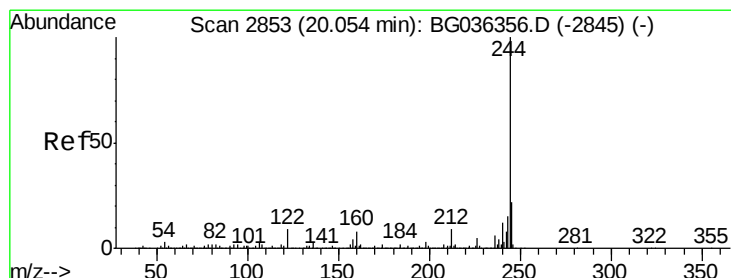
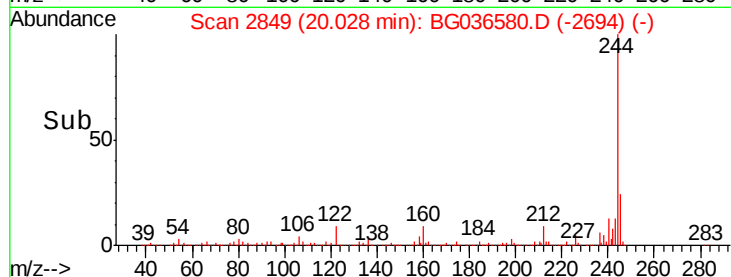
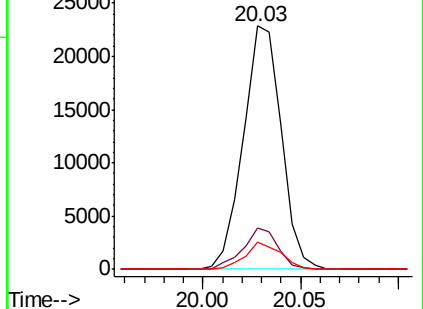
183 11.0 10.9 16.3



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: 89.775 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036580.D

Acq: 6 Sep 2018 22:05

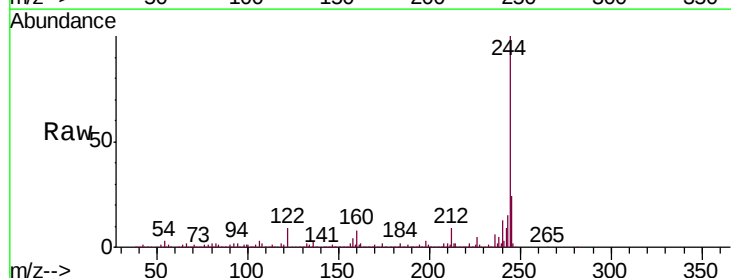
Tgt Ion:244 Resp: 1704400

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

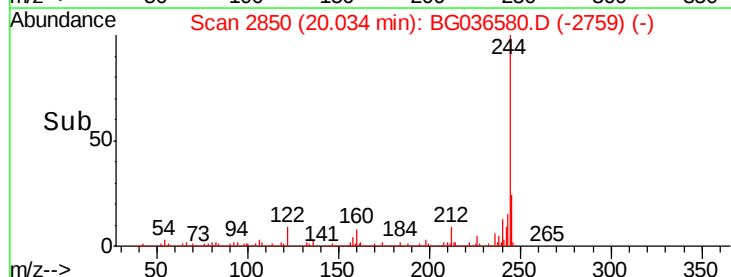
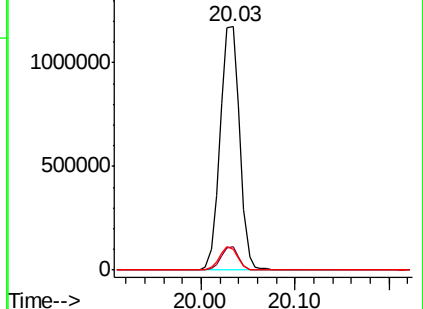
122 8.8 7.1 10.7

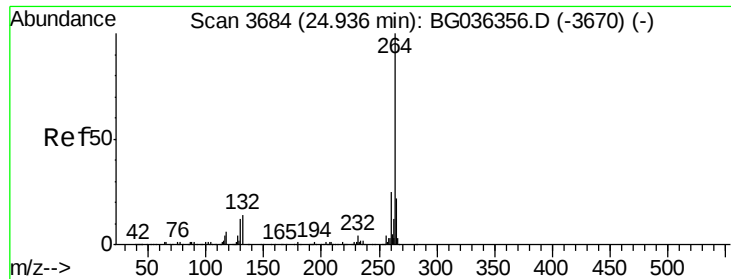


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

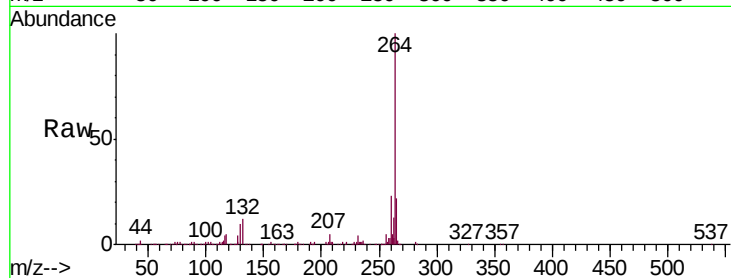




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036580.D
Acq: 6 Sep 2018 22:05

Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.8	17.4	26.0



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

