

Data File : BG036578.D
Acq On : 6 Sep 2018 20:46
Operator : JU/SJ
Sample : J4798-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 07 04:21:05 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

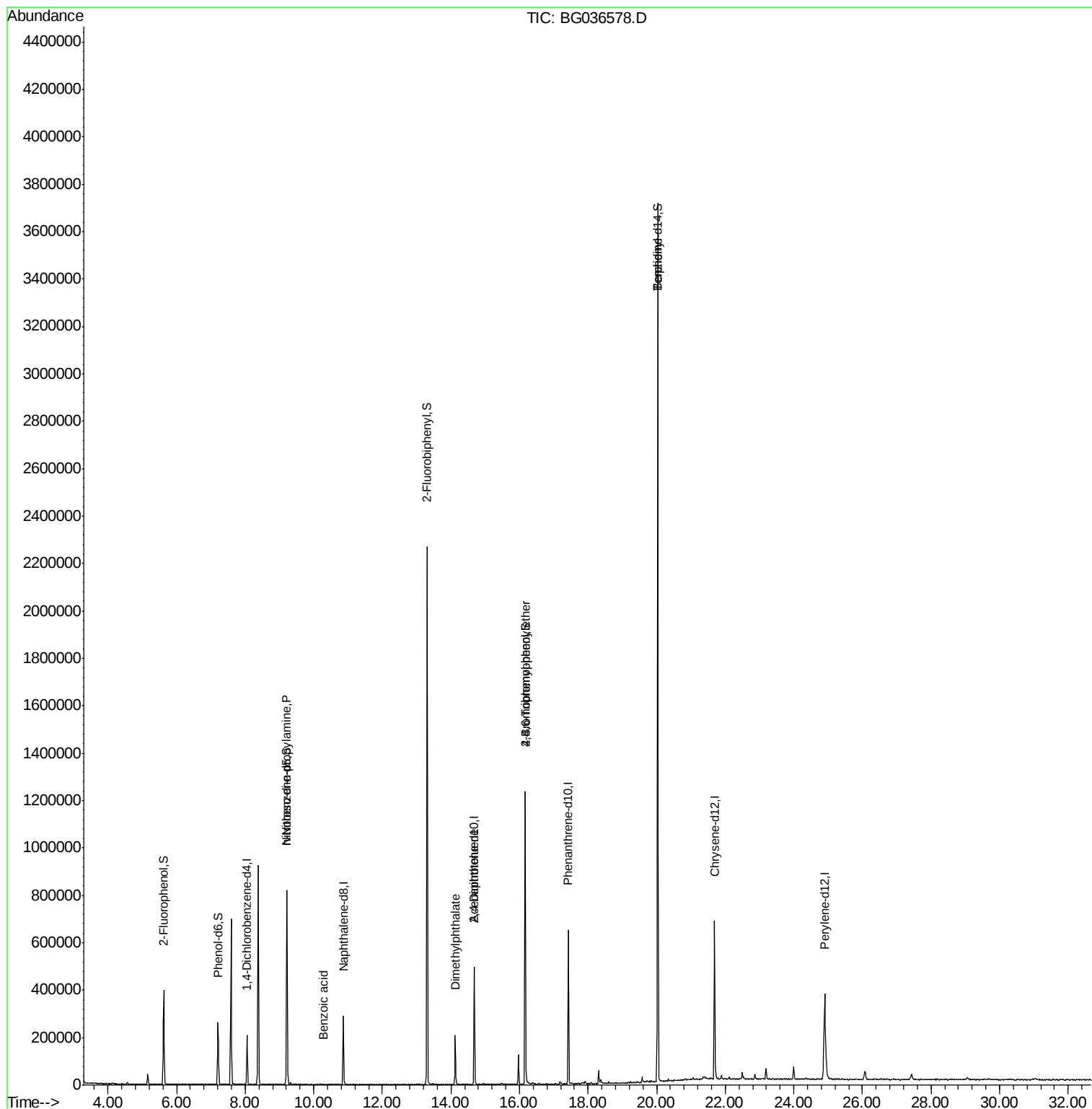
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58210	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245095	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	165258	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	426810	20.00	ng	0.00
75) Chrysene-d12	21.69	240	434488	20.00	ng	0.00
86) Perylene-d12	24.90	264	428650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	170763	46.54	ng	0.00
7) Phenol-d6	7.21	99	154382	29.38	ng	-0.01
23) Nitrobenzene-d5	9.22	82	501904	111.11	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	231451	117.37	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1143476	98.80	ng	0.00
78) Terphenyl-d14	20.03	244	1730652	93.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	66960	17.053	ng	# 68
32) Benzoic acid	10.27	122	60	4.500	ng	# 1
49) Dimethylphthalate	14.13	163	138283	10.248	ng	98
56) 2,4-Dinitrotoluene	14.68	165	21813	6.027	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15394	3.081	ng	# 1
76) Benzidine	20.03	184	30796	2.222	ng	# 93

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

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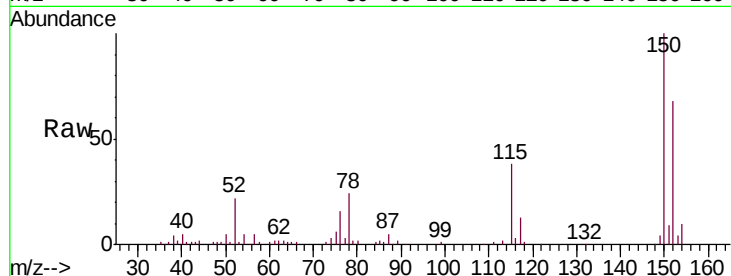


#1

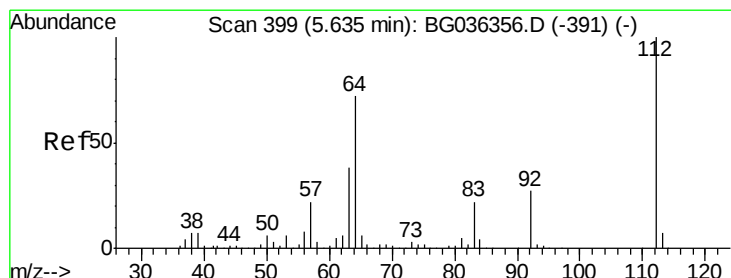
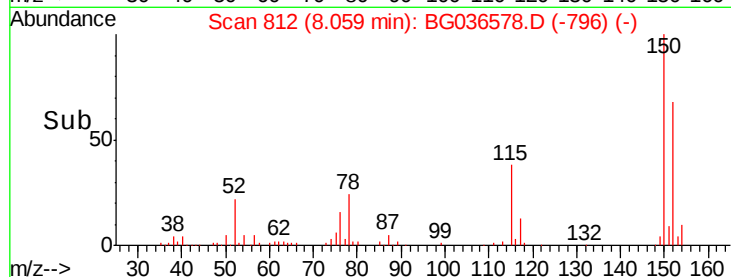
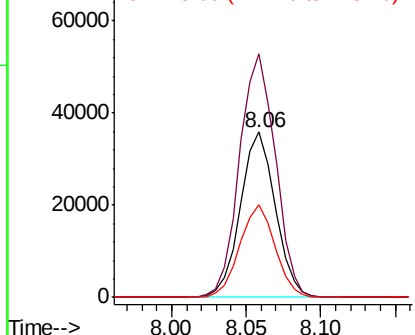
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036578.D
Acq: 6 Sep 2018 20:46

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

Tgt Ion:152 Resp: 58210
Ion Ratio Lower Upper
152 100
150 147.5 119.5 179.3
115 56.1 44.5 66.7



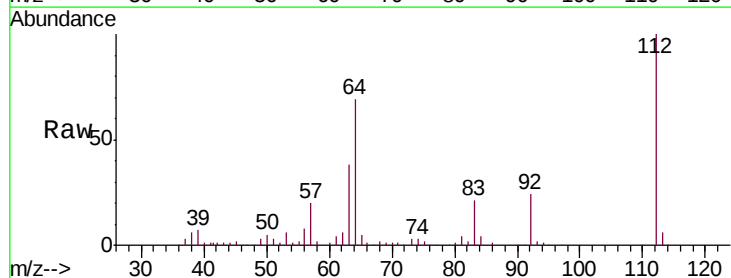
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



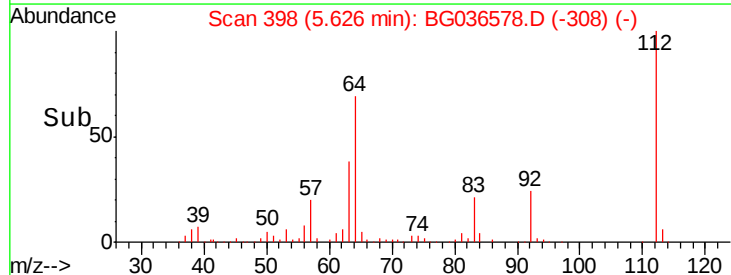
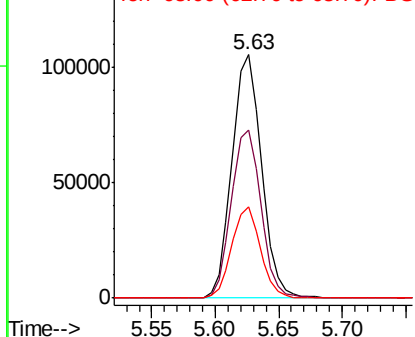
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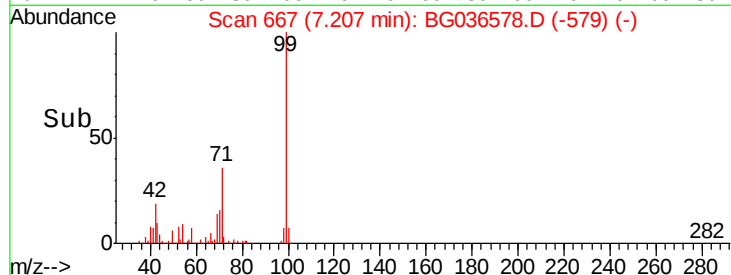
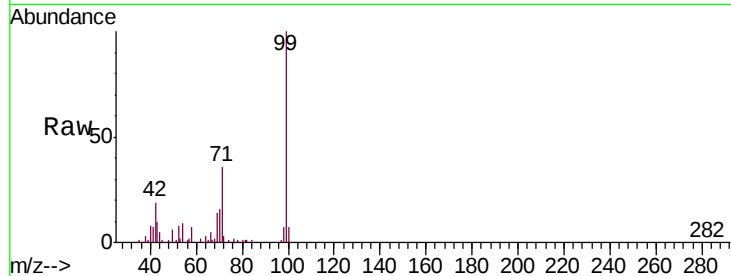
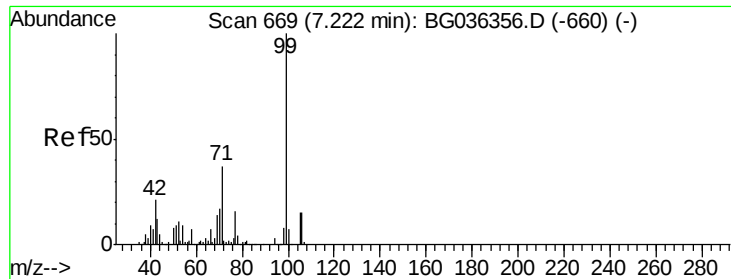
2-Fluorophenol
Concen: 46.535 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036578.D
Acq: 6 Sep 2018 20:46

Tgt Ion:112 Resp: 170763
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 37.5 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: 29.384 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-B

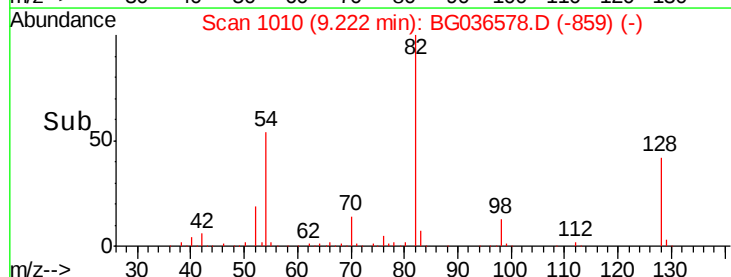
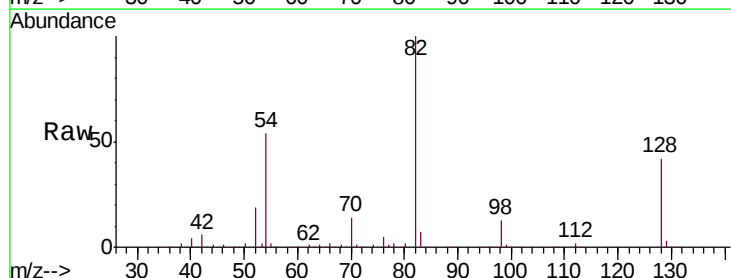
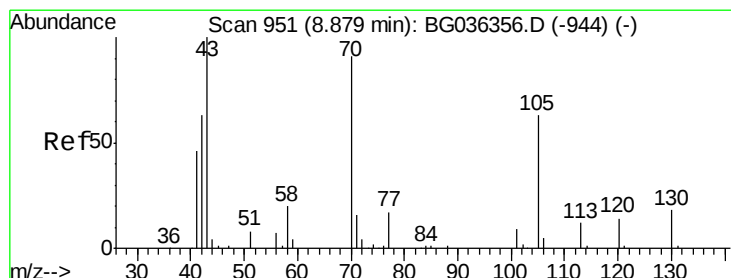
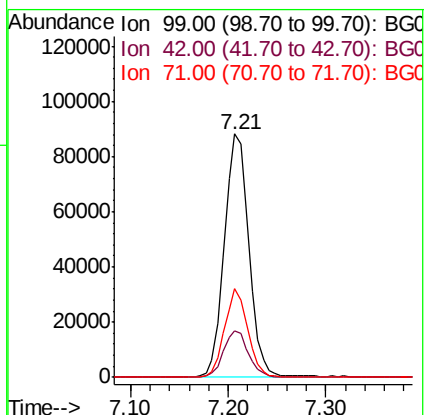
Tgt Ion: 99 Resp: 154382

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 36.2 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.053 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

Tgt Ion: 70 Resp: 66960

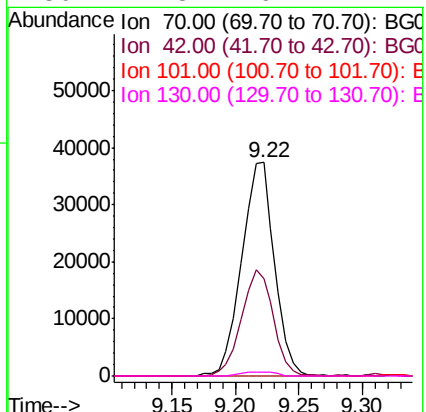
Ion Ratio Lower Upper

70 100

42 45.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

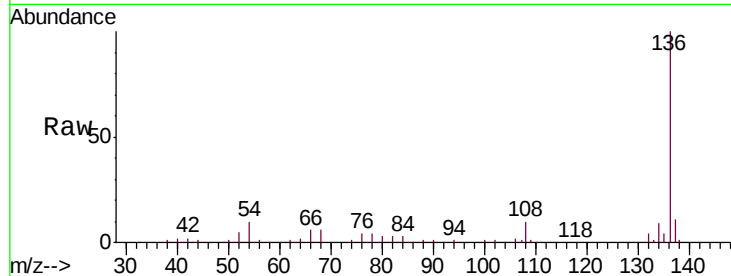




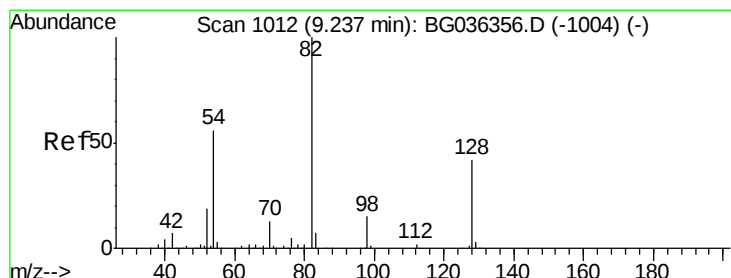
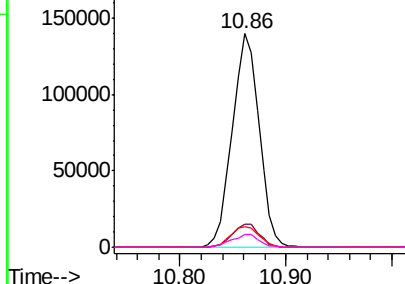
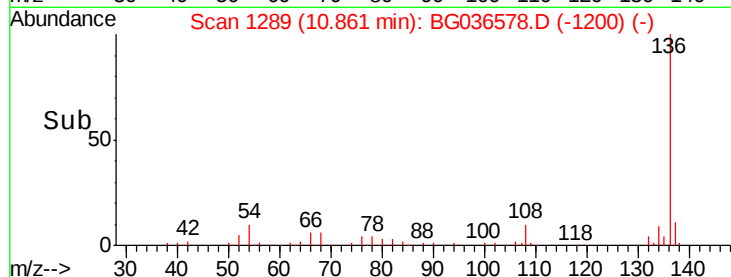
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036578.D
Acq: 6 Sep 2018 20:46

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

Tgt Ion:	136	Resp:	245095
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.9	9.2	13.8
68	5.9	5.8	8.6

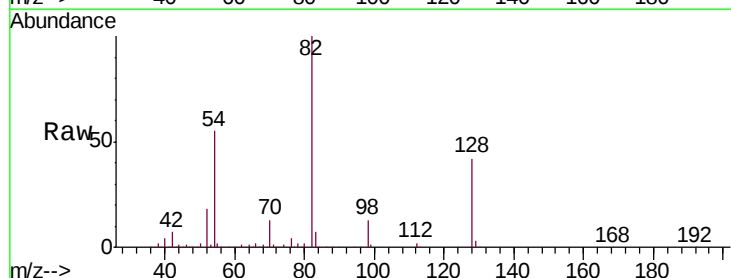


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

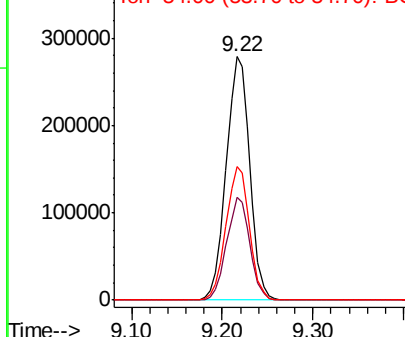
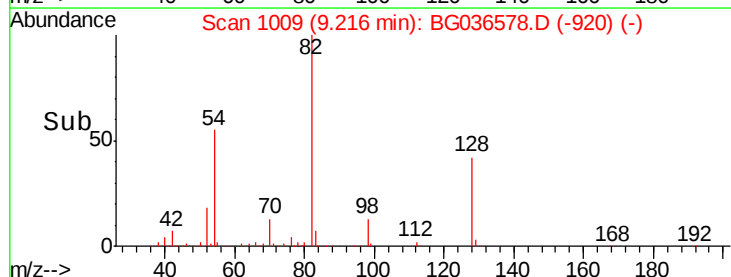


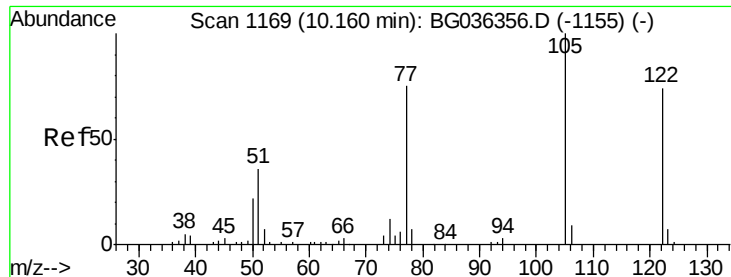
#23
Nitrobenzene-d5
Concen: 111.107 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036578.D
Acq: 6 Sep 2018 20:46

Tgt Ion:	82	Resp:	501904
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	54.6	45.1	67.7



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





#32

Benzoic acid

Concen: 4.500 ng

RT: 10.27 min Scan# 1188

Delta R.T. 0.11 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-B

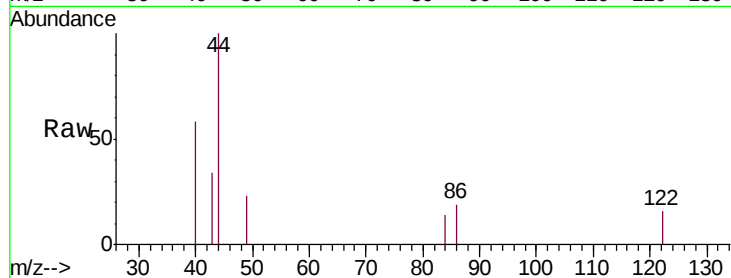
Tgt Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

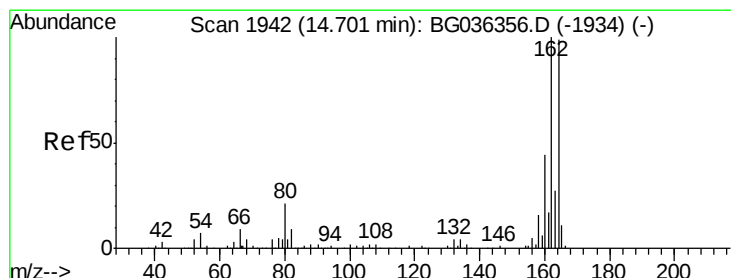
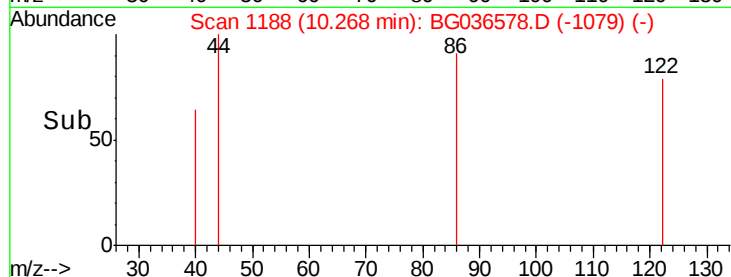
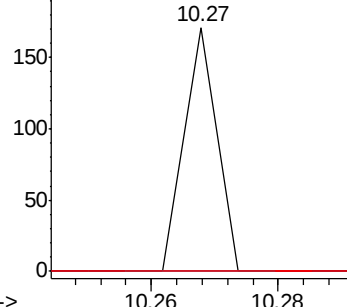
77 0.0 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

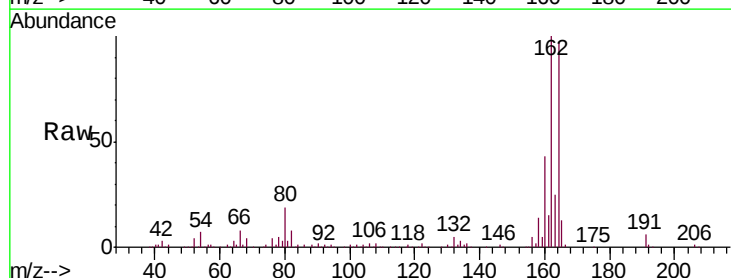
Tgt Ion:164 Resp: 165258

Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

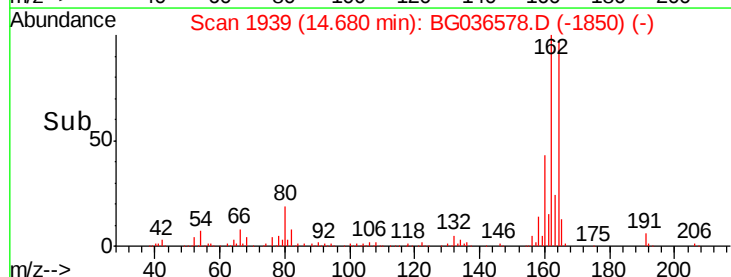
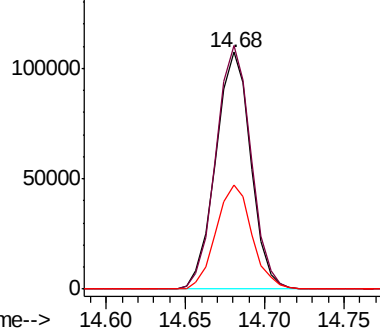
160 44.0 35.3 52.9

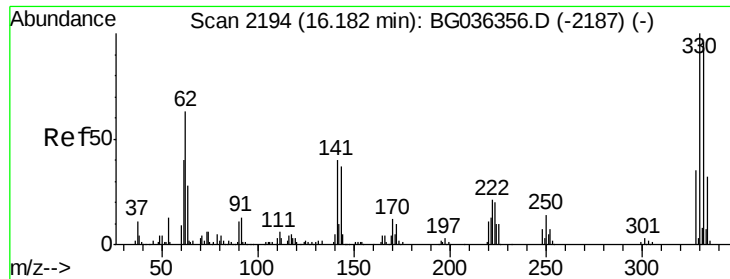


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

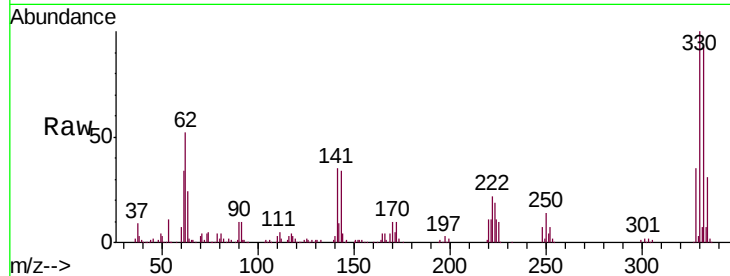




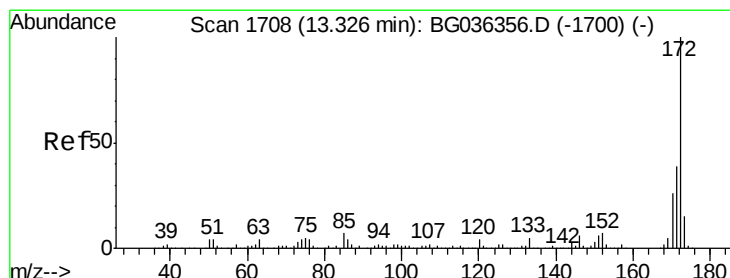
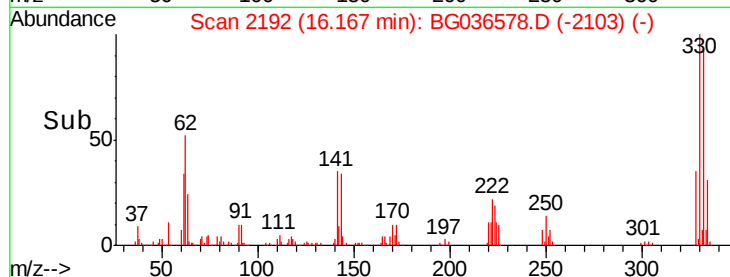
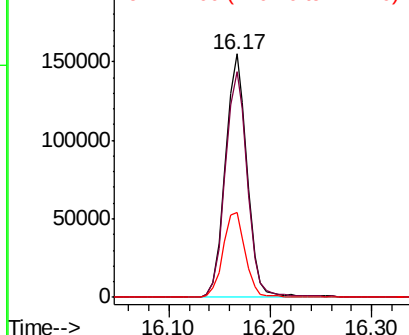
#41
 2,4,6-Tribromophenol
 Concen: 117.375 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036578.D
 Acq: 6 Sep 2018 20:46

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

Tgt Ion:330 Resp: 231451
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.2
 141 35.6 30.7 46.1

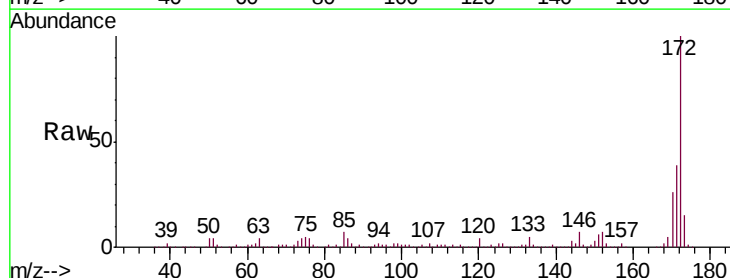


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

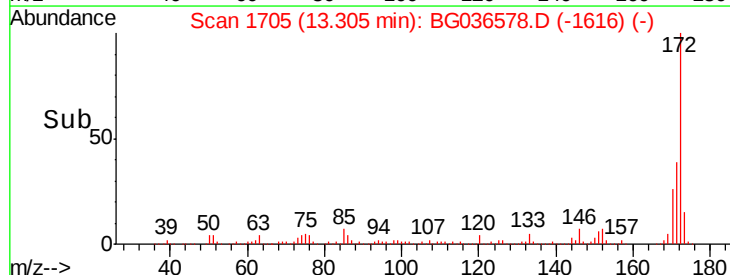
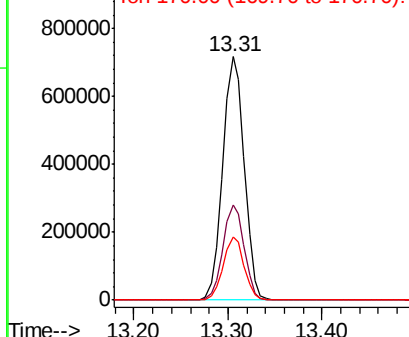


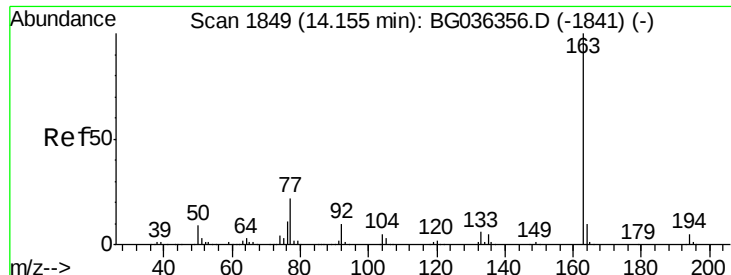
#44
 2-Fluorobiphenyl
 Concen: 98.796 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036578.D
 Acq: 6 Sep 2018 20:46

Tgt Ion:172 Resp: 1143476
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.3 46.9
 170 26.0 21.0 31.6



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





#49

Dimethylphthalate

Concen: 10.248 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-B

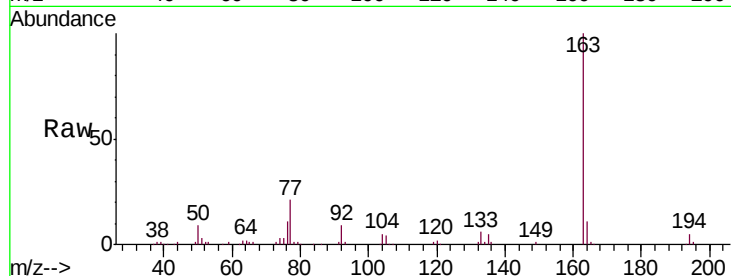
Tgt Ion:163 Resp: 138283

Ion Ratio Lower Upper

163 100

194 5.4 4.0 6.0

164 10.7 8.1 12.1

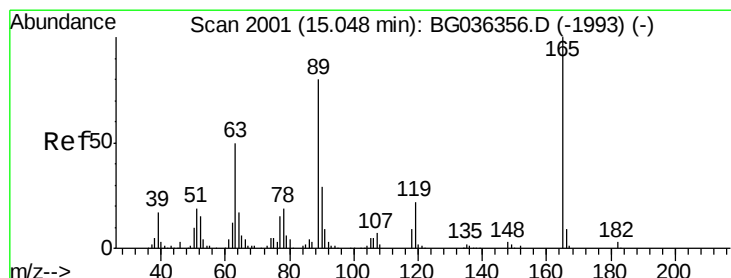
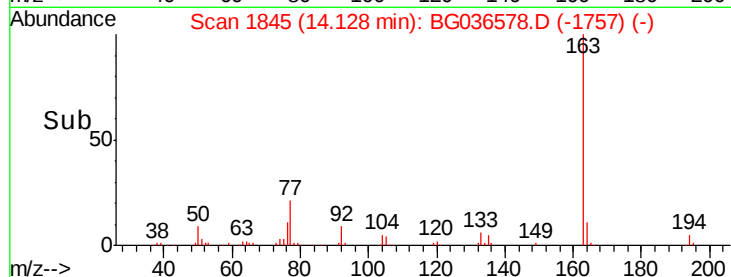
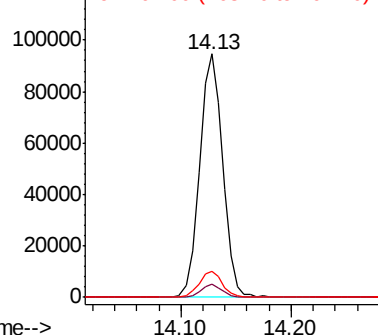


Abundance

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



#56

2,4-Dinitrotoluene

Concen: 6.027 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

Tgt Ion:165 Resp: 21813

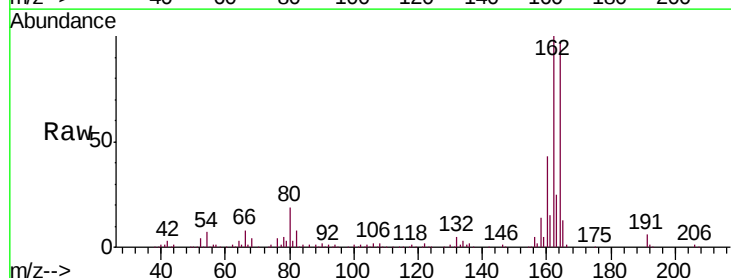
Ion Ratio Lower Upper

165 100

63 1.4 40.1 60.1#

89 1.5 63.7 95.5#

182 0.0 2.5 3.7#



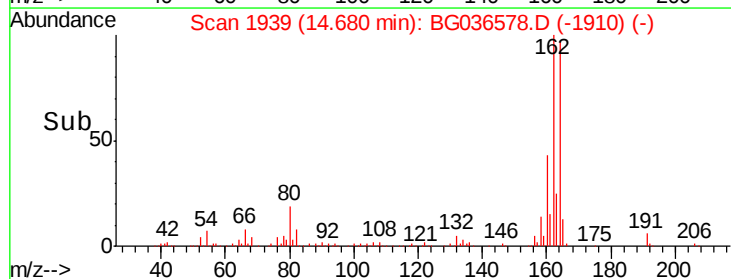
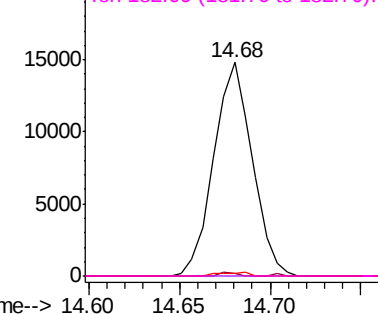
Abundance

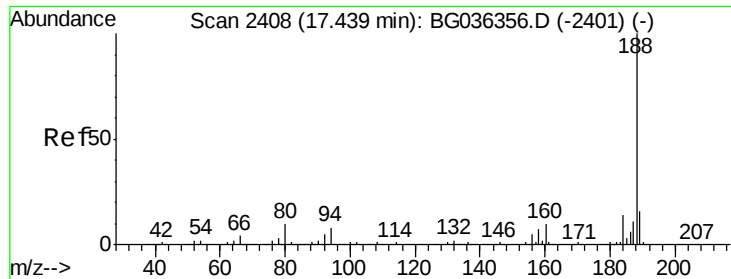
Ion 165.00 (164.70 to 165.70): E

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

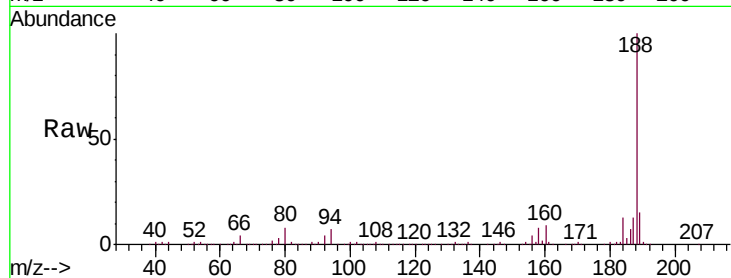




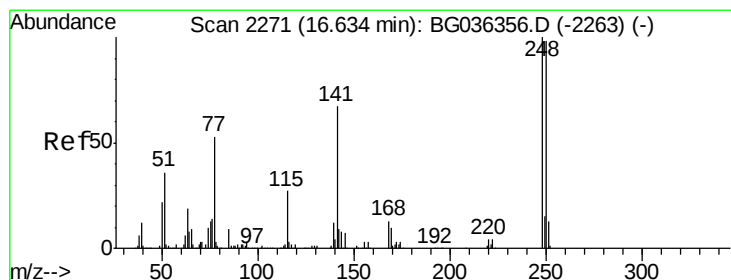
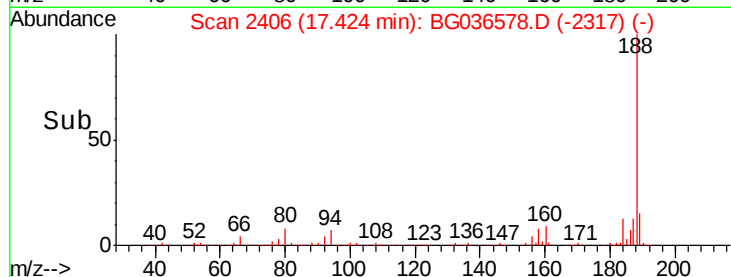
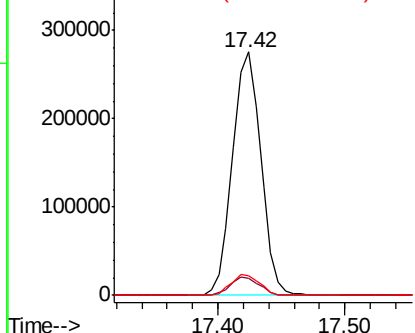
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036578.D
 Acq: 6 Sep 2018 20:46

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

Tgt Ion:188 Resp: 426810
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.7 10.1
 80 8.1 8.1 12.1

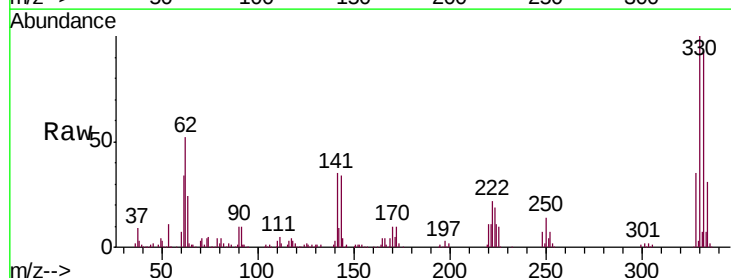


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

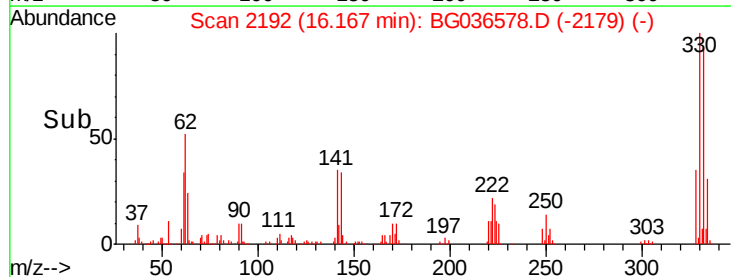
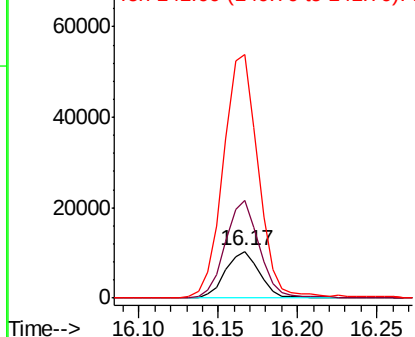


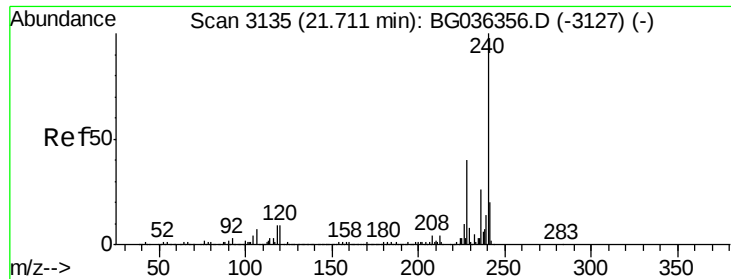
#66
 4-Bromophenyl-phenylether
 Concen: 3.081 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036578.D
 Acq: 6 Sep 2018 20:46

Tgt Ion:248 Resp: 15394
 Ion Ratio Lower Upper
 248 100
 250 208.0 78.1 117.1#
 141 518.6 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

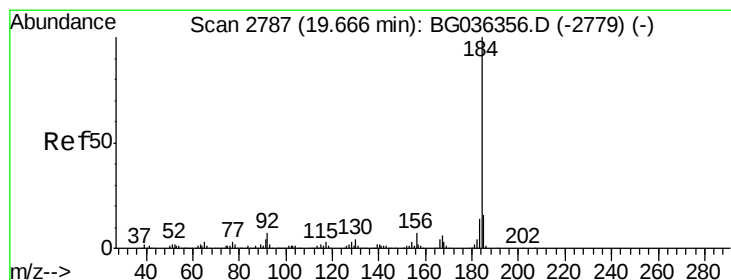
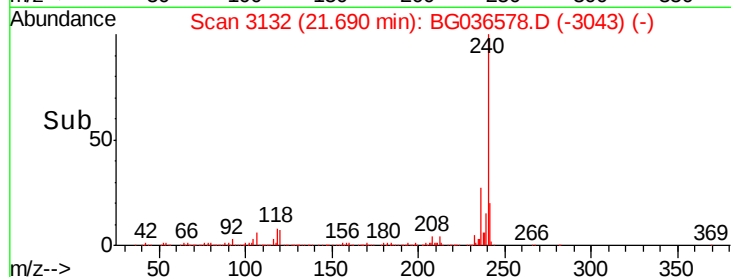
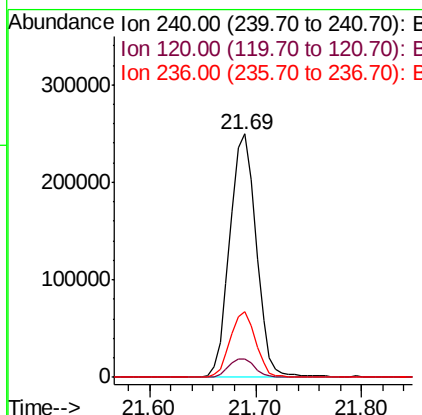
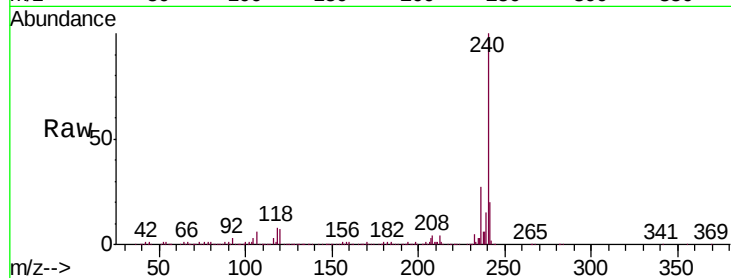




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036578.D
Acq: 6 Sep 2018 20:46

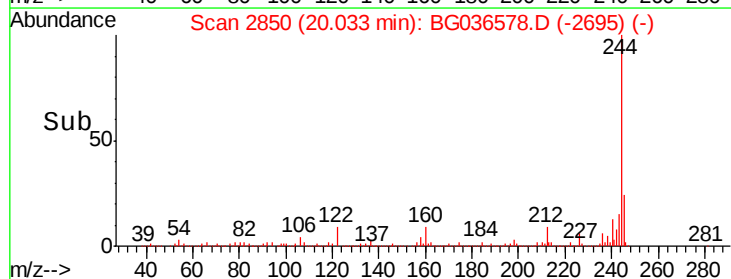
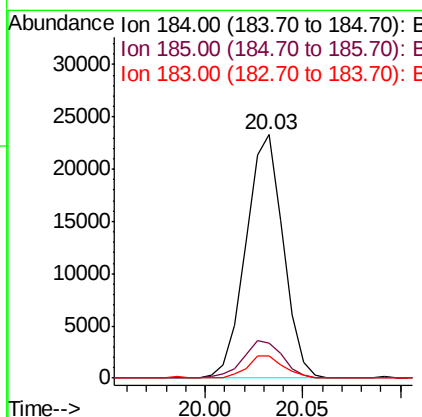
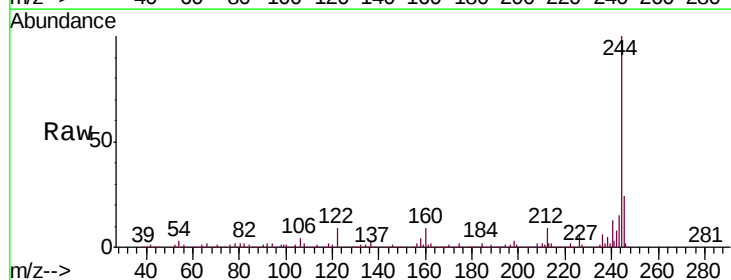
Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-D-B

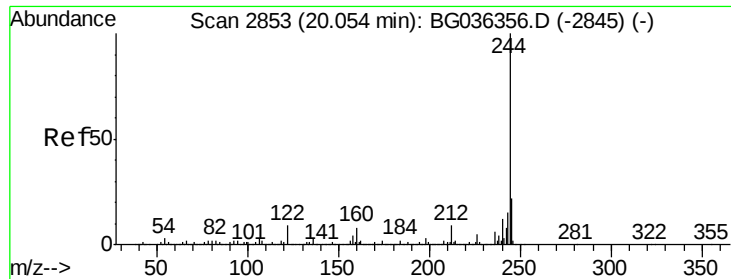
Tgt Ion:240 Resp: 434488
Ion Ratio Lower Upper
240 100
120 7.3 6.9 10.3
236 27.2 21.2 31.8



#76
Benzidine
Concen: 2.222 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.38 min
Lab File: BG036578.D
Acq: 6 Sep 2018 20:46

Tgt Ion:184 Resp: 30796
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 9.2 10.9 16.3#





#78

Terphenyl-d14

Concen: 93.101 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-B

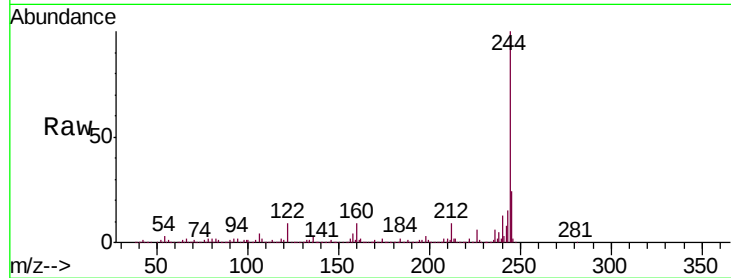
Tgt Ion:244 Resp: 1730652

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

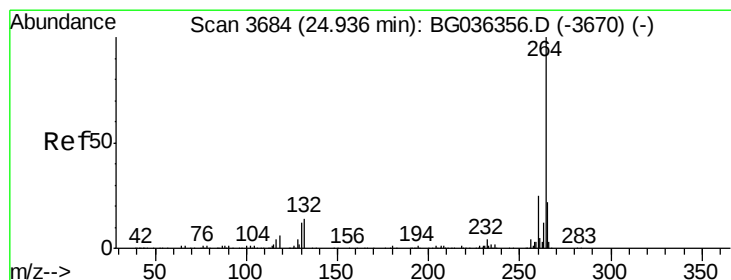
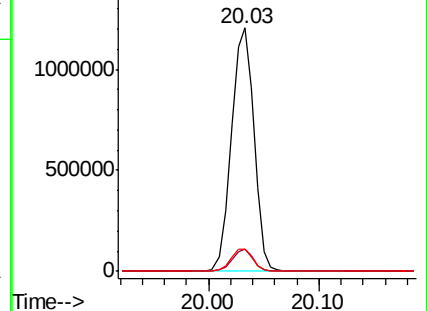
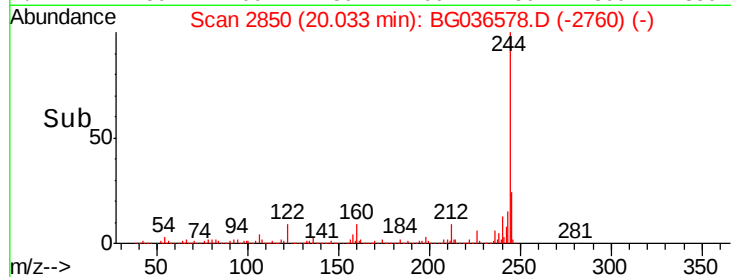
122 9.3 7.1 10.7



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. -0.01 min

Lab File: BG036578.D

Acq: 6 Sep 2018 20:46

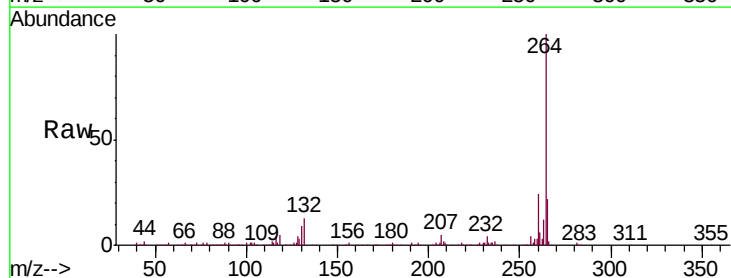
Tgt Ion:264 Resp: 428650

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.9 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

