

Data File : BG036581.D
Acq On : 6 Sep 2018 22:44
Operator : JU/SJ
Sample : J4798-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 07 04:21:44 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

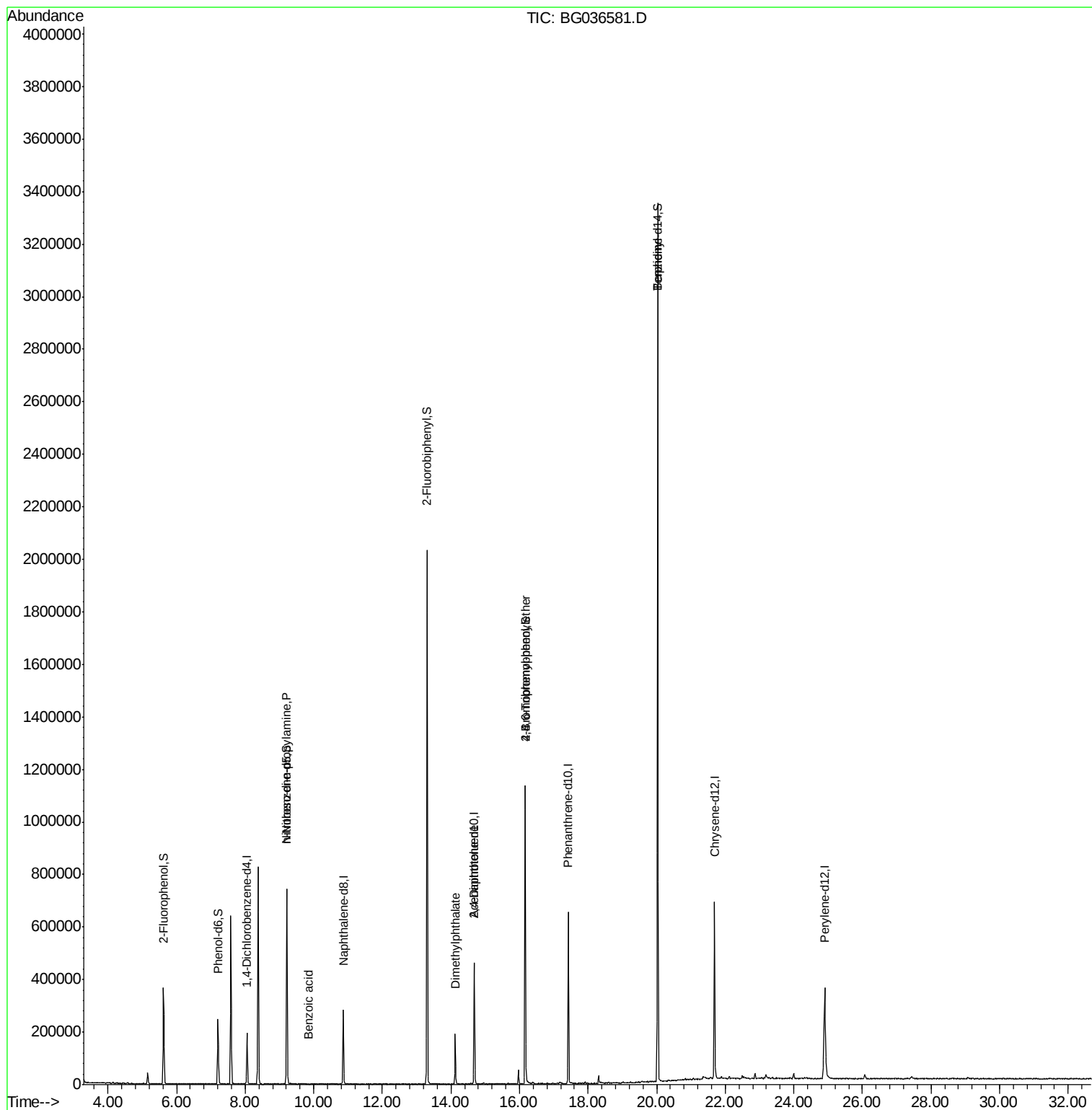
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56388	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	238757	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162173	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	411818	20.00	ng	0.00
75) Chrysene-d12	21.69	240	425647	20.00	ng	0.00
86) Perylene-d12	24.90	264	421216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	161041	45.30	ng	0.00
7) Phenol-d6	7.21	99	144623	28.42	ng	-0.01
23) Nitrobenzene-d5	9.22	82	448273	101.87	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	205020	105.95	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1065371	93.80	ng	0.00
78) Terphenyl-d14	20.03	244	1569110	86.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	59472	15.635	ng	# 71
32) Benzoic acid	9.84	122	53	4.498	ng	# 1
49) Dimethylphthalate	14.13	163	123388	9.318	ng	99
56) 2,4-Dinitrotoluene	14.68	165	22073	6.215	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	14302	2.966	ng	# 1
76) Benzidine	20.03	184	28145	2.073	ng	# 94

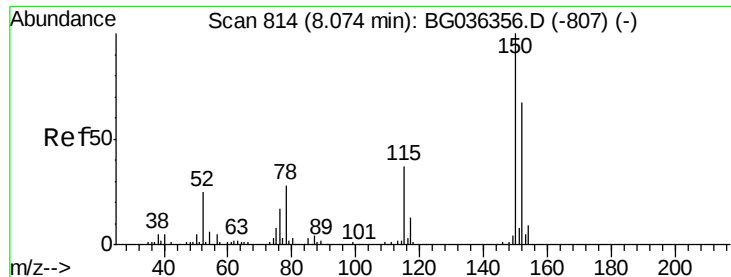
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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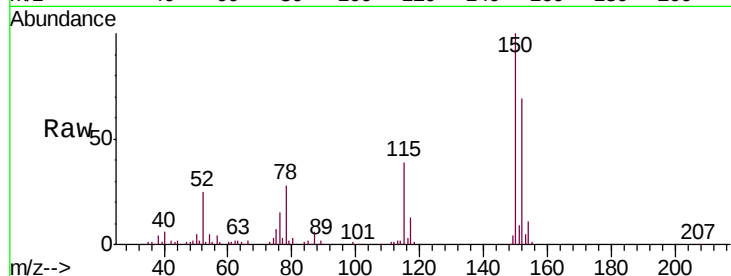


#1

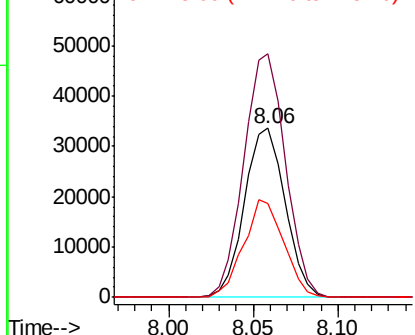
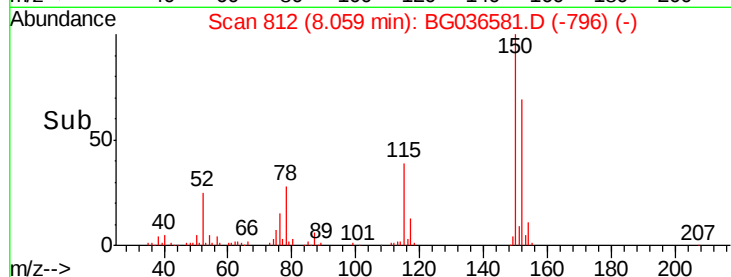
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

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

Tgt Ion:152 Resp: 56388
Ion Ratio Lower Upper
152 100
150 144.3 119.5 179.3
115 56.0 44.5 66.7



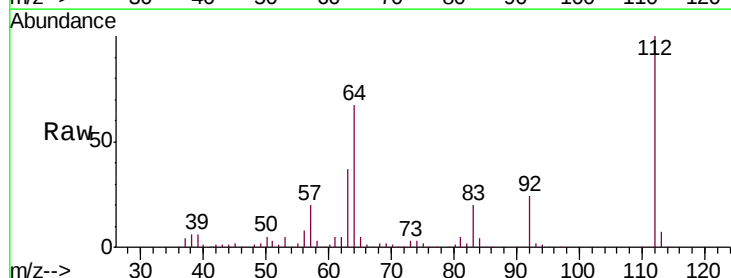
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



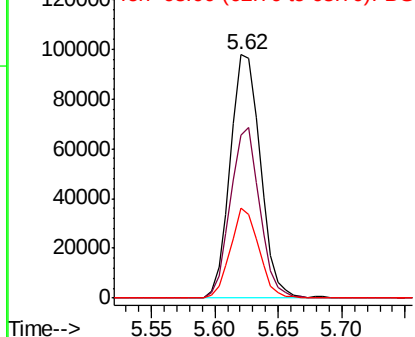
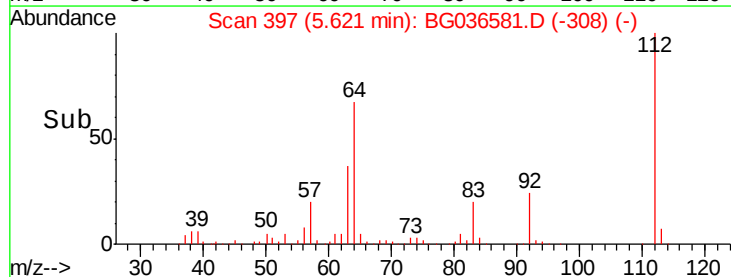
#5

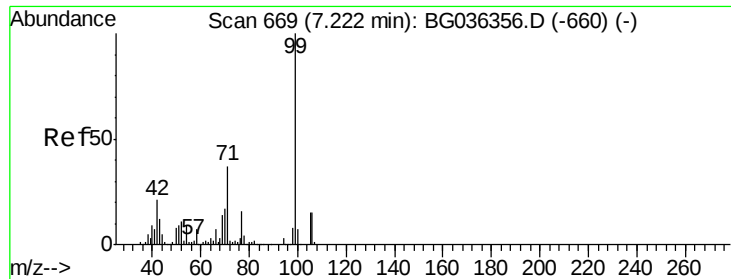
2-Fluorophenol
Concen: 45.304 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

Tgt Ion:112 Resp: 161041
Ion Ratio Lower Upper
112 100
64 66.8 57.2 85.8
63 36.9 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: 28.416 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-S

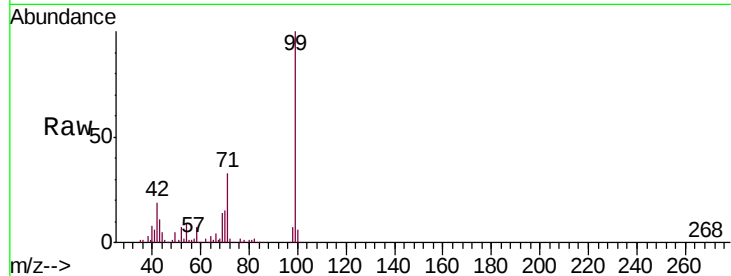
Tgt Ion: 99 Resp: 144623

Ion Ratio Lower Upper

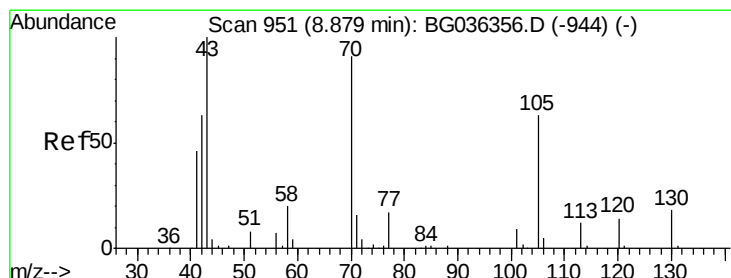
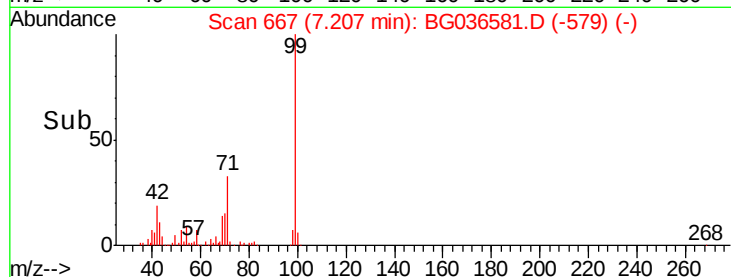
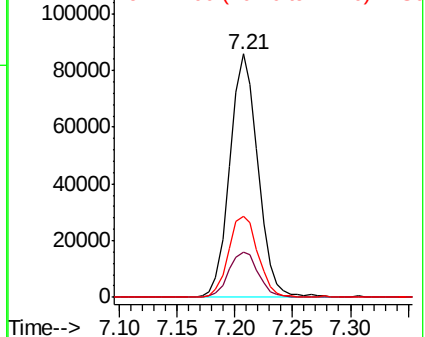
99 100

42 18.6 16.5 24.7

71 33.4 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: 15.635 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

Tgt Ion: 70 Resp: 59472

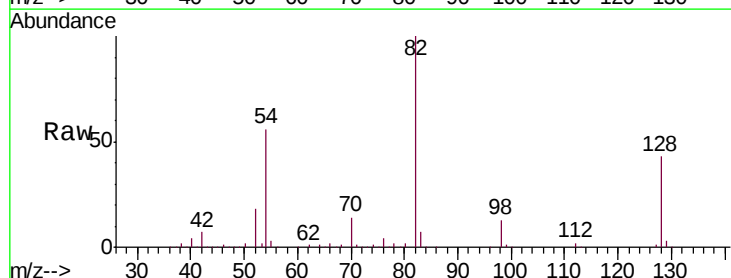
Ion Ratio Lower Upper

70 100

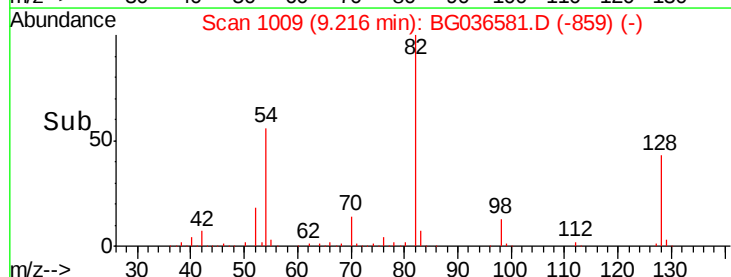
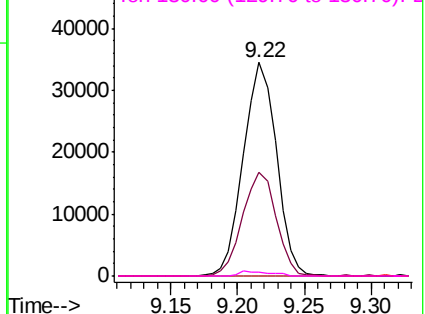
42 48.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 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

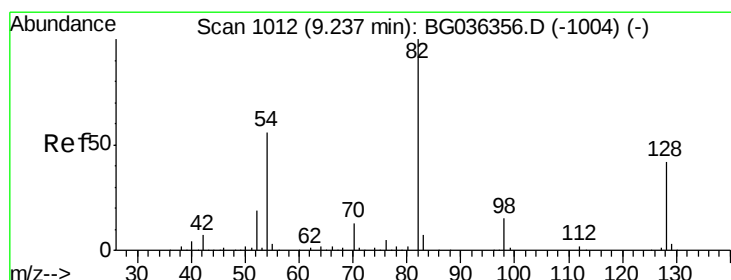
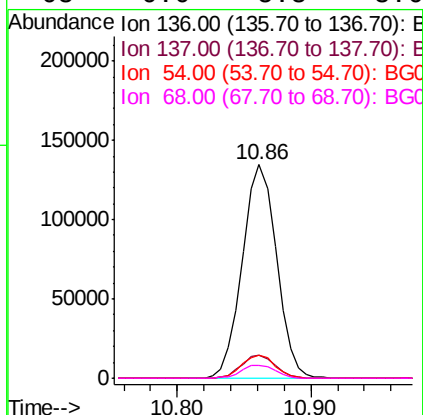
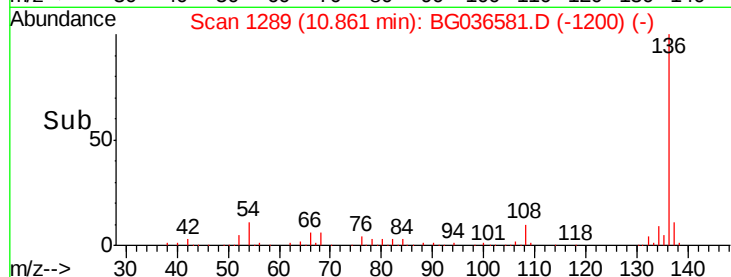
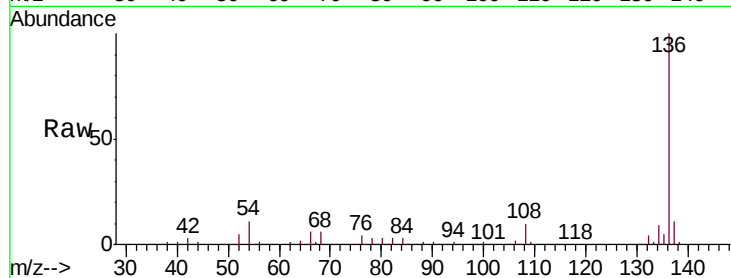




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

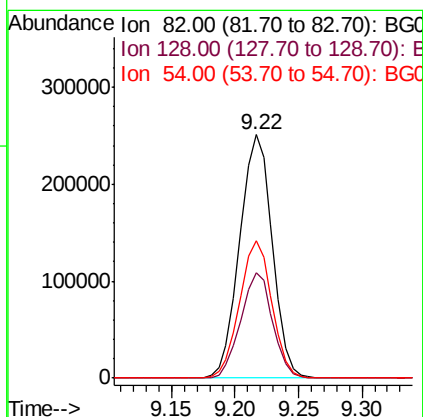
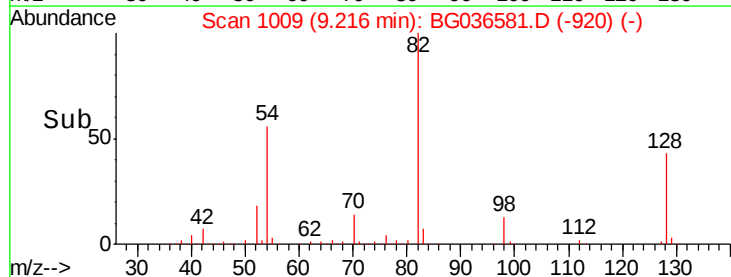
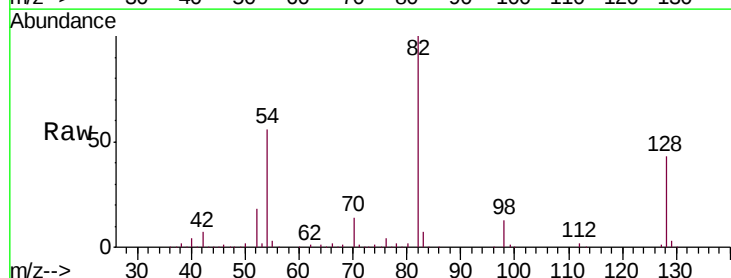
Instrument :
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090418-JETT-E-U-S

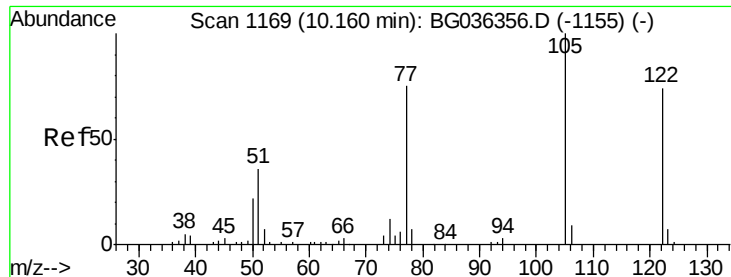
Tgt Ion:	136	Resp:	238757
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	9.2	13.8
68	6.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 101.868 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

Tgt Ion:	82	Resp:	448273
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.3	49.9
54	56.4	45.1	67.7

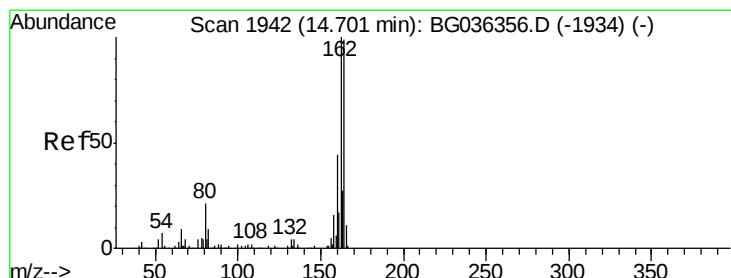
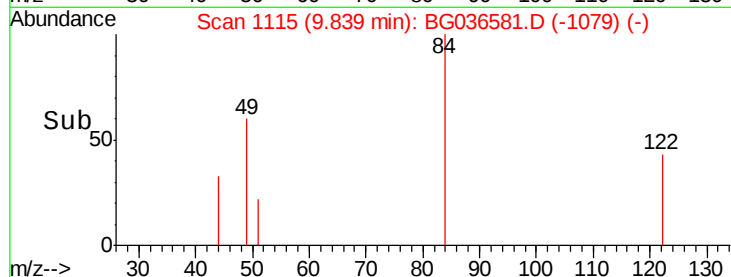
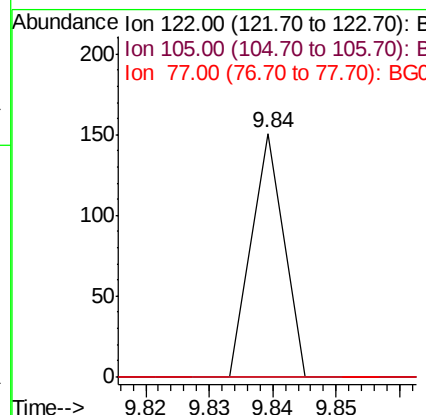
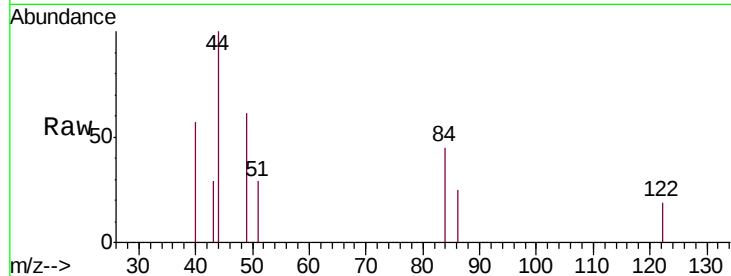




#32
Benzoic acid
Concen: 4.498 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.32 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

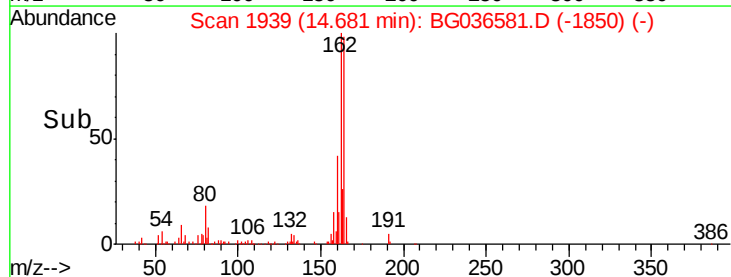
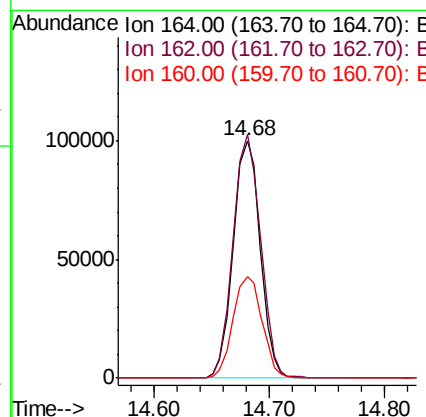
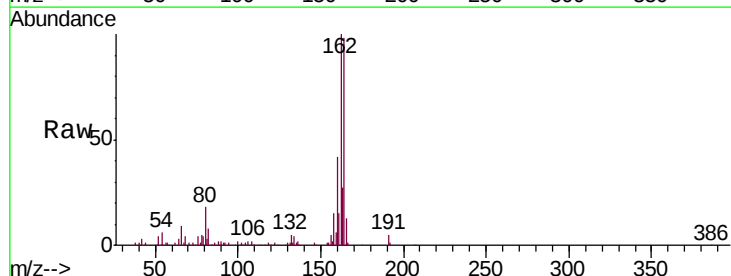
Instrument :
BNA_G
ClientSampleId :
090418-JETT-E-U-S

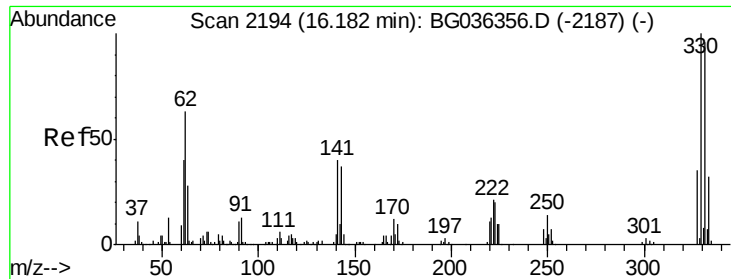
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

Tgt Ion:164 Resp: 162173
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 43.0 35.3 52.9

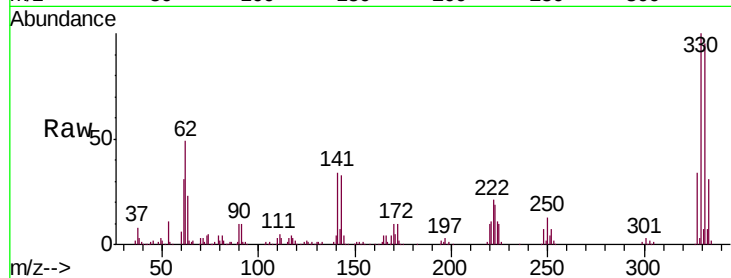




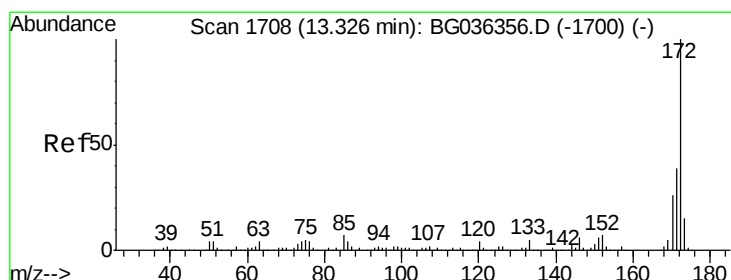
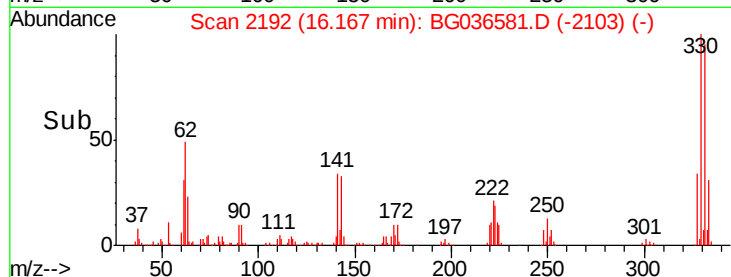
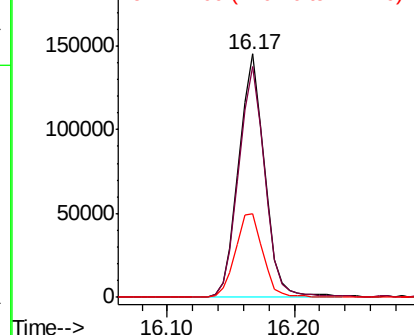
#41
 2,4,6-Tribromophenol
 Concen: 105.949 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036581.D
 Acq: 6 Sep 2018 22:44

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

Tgt Ion:330 Resp: 205020
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.2
 141 37.0 30.7 46.1

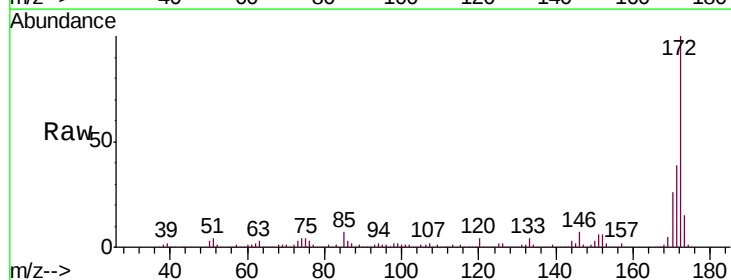


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

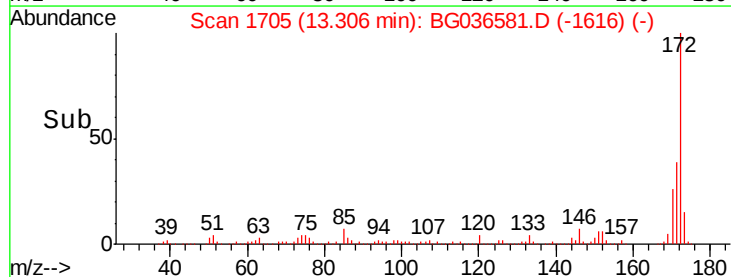
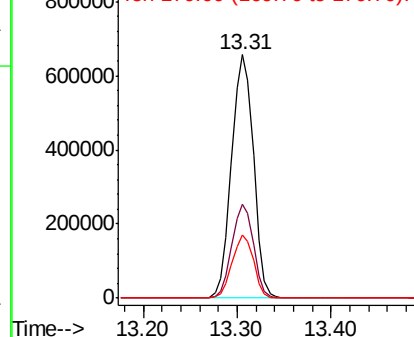


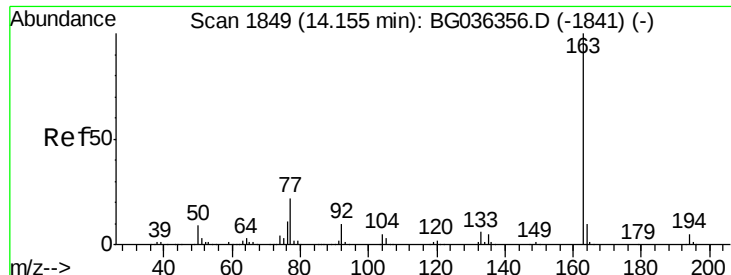
#44
 2-Fluorobiphenyl
 Concen: 93.798 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036581.D
 Acq: 6 Sep 2018 22:44

Tgt Ion:172 Resp: 1065371
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 26.1 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: 9.318 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-S

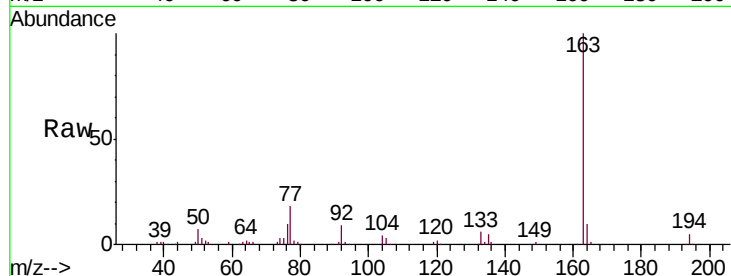
Tgt Ion:163 Resp: 123388

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

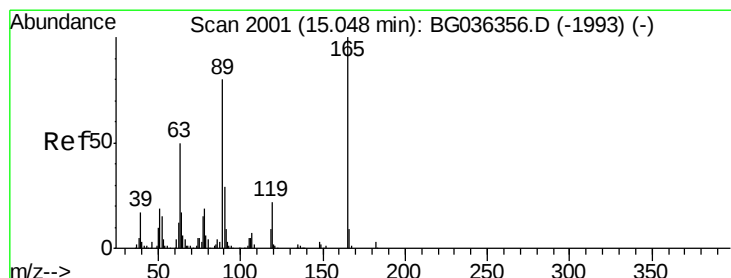
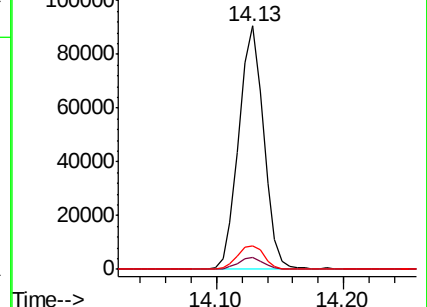
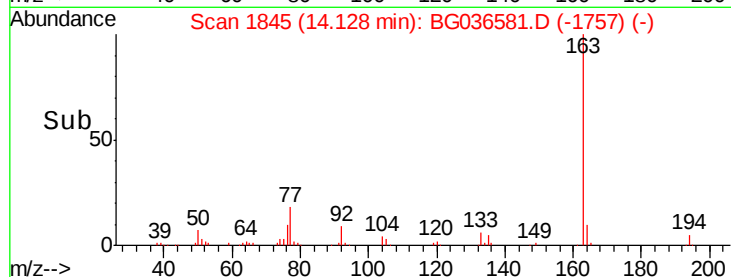
164 9.9 8.1 12.1



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: 6.215 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

Tgt Ion:165 Resp: 22073

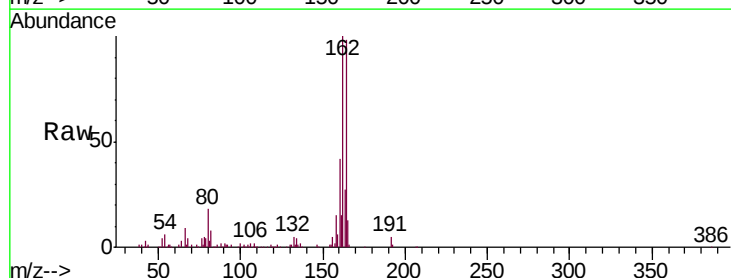
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 2.6 63.7 95.5#

182 0.0 2.5 3.7#

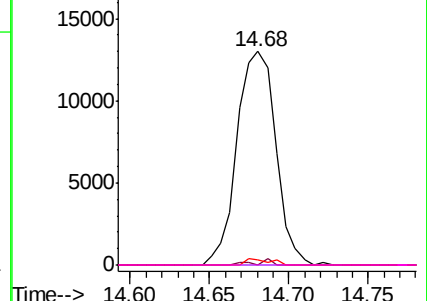
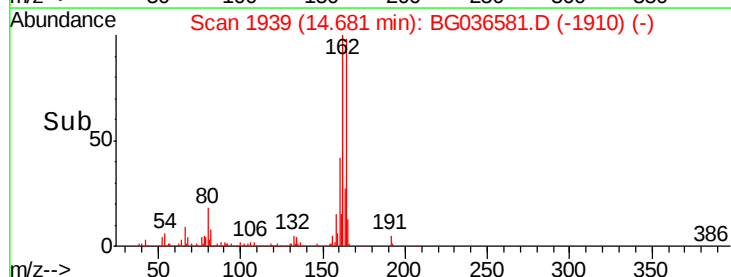


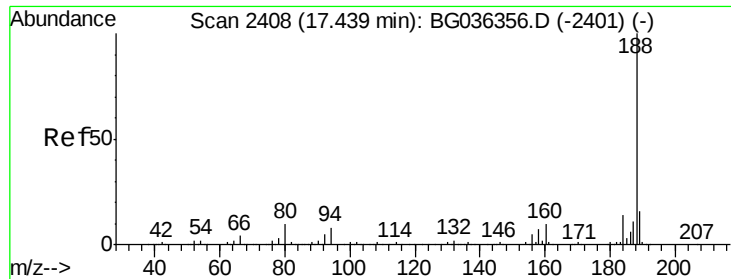
Abundance Ion 165.00 (164.70 to 165.70): E

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

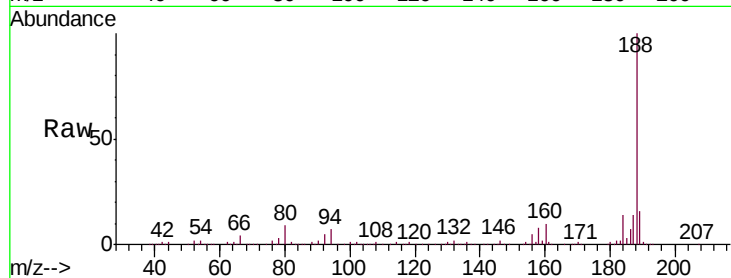




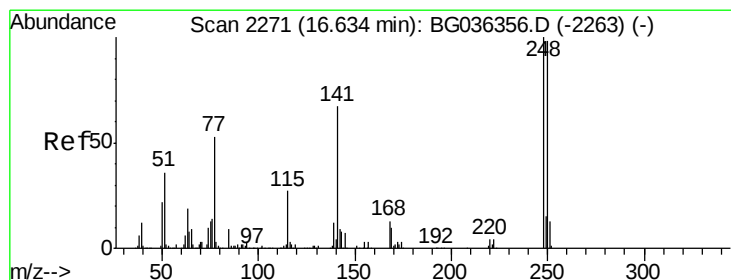
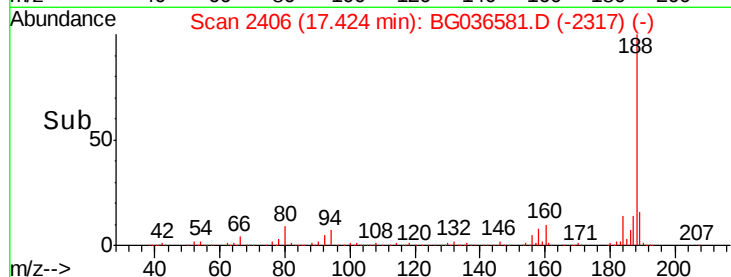
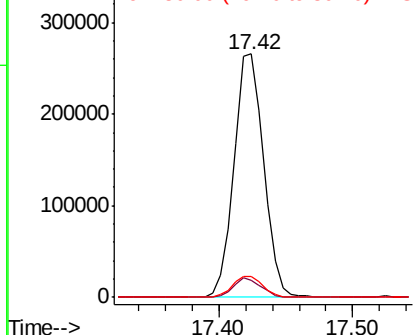
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

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

Tgt Ion:188 Resp: 411818
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.8 8.1 12.1

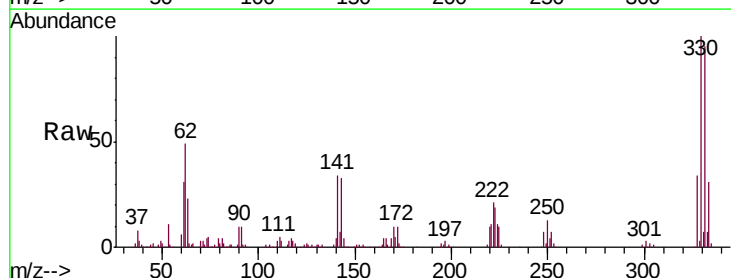


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

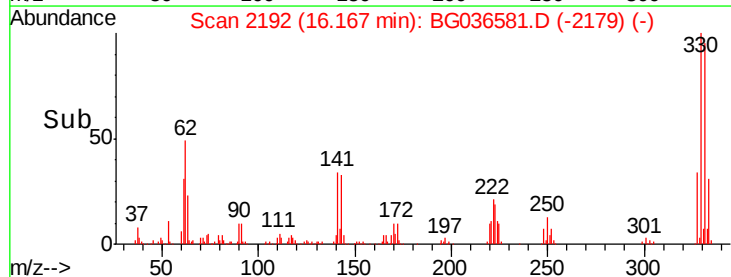
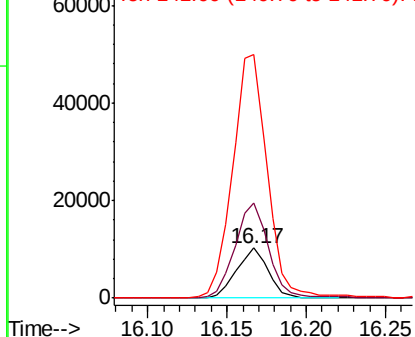


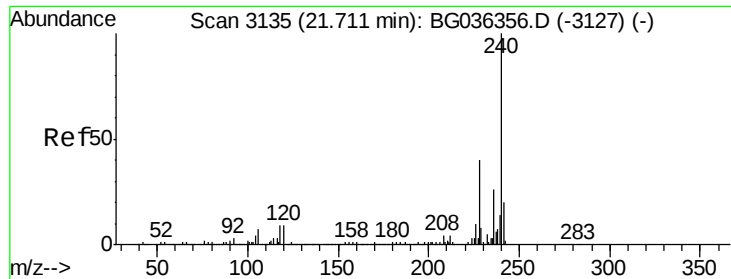
#66
4-Bromophenyl-phenylether
Concen: 2.966 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036581.D
Acq: 6 Sep 2018 22:44

Tgt Ion:248 Resp: 14302
Ion Ratio Lower Upper
248 100
250 191.6 78.1 117.1#
141 487.9 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. -0.00 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-S

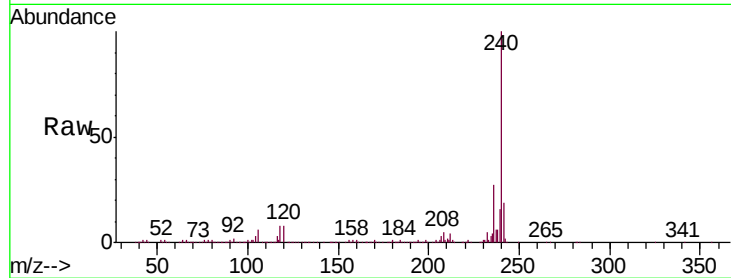
Tgt Ion:240 Resp: 425647

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

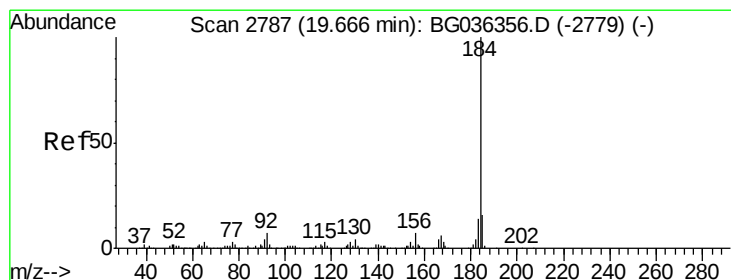
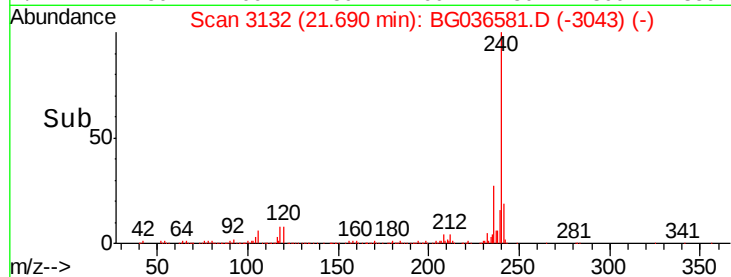
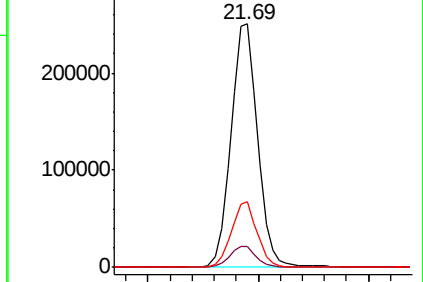
236 26.7 21.2 31.8



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: 2.073 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.38 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

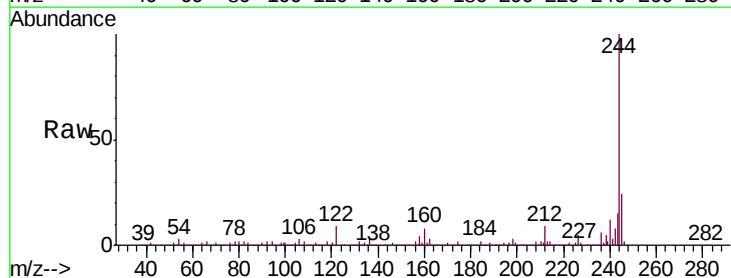
Tgt Ion:184 Resp: 28145

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

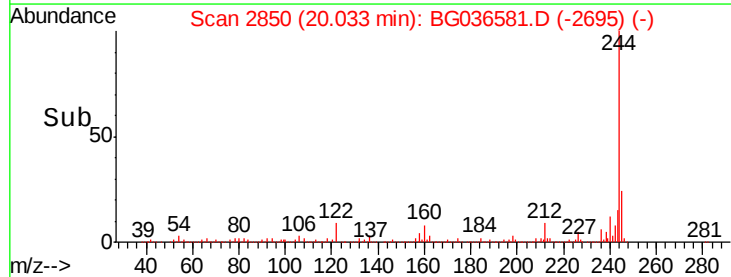
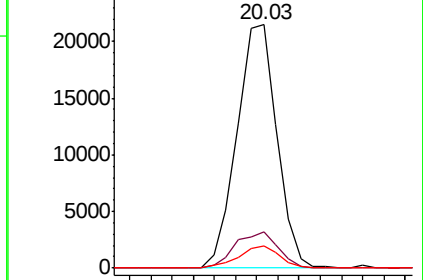
183 9.1 10.9 16.3#

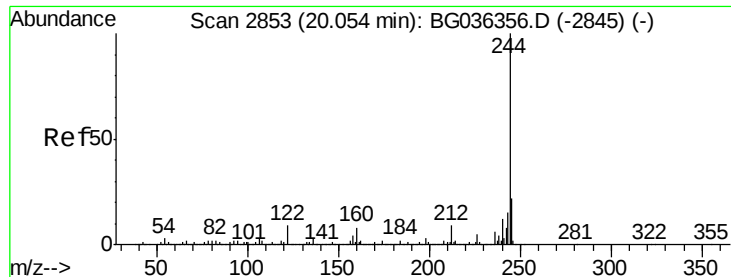


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.164 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036581.D

Acq: 6 Sep 2018 22:44

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-U-S

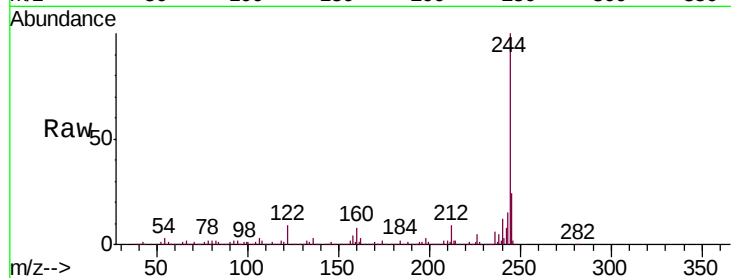
Tgt Ion:244 Resp: 1569110

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

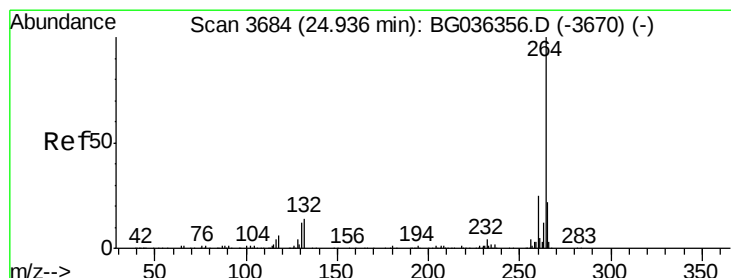
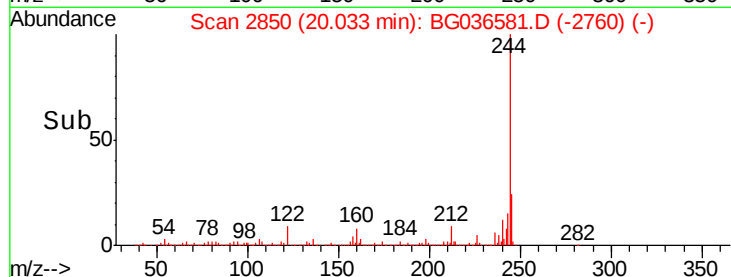
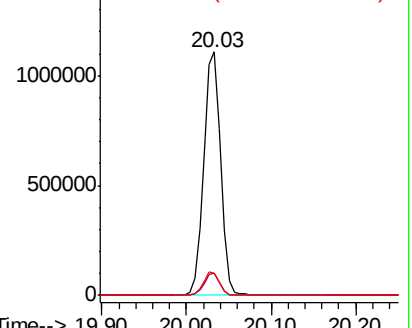
122 9.1 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: BG036581.D

Acq: 6 Sep 2018 22:44

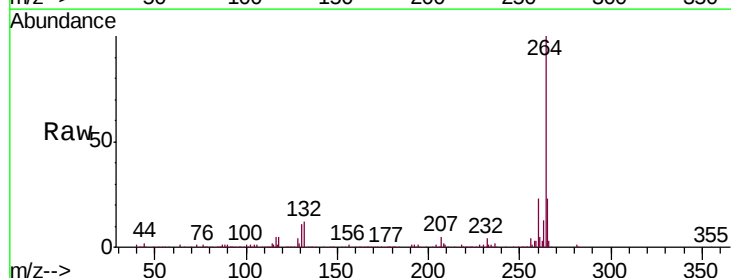
Tgt Ion:264 Resp: 421216

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 22.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

