

Data File : BG036579.D
Acq On : 6 Sep 2018 21:26
Operator : JU/SJ
Sample : J4798-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 07 04:21:18 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

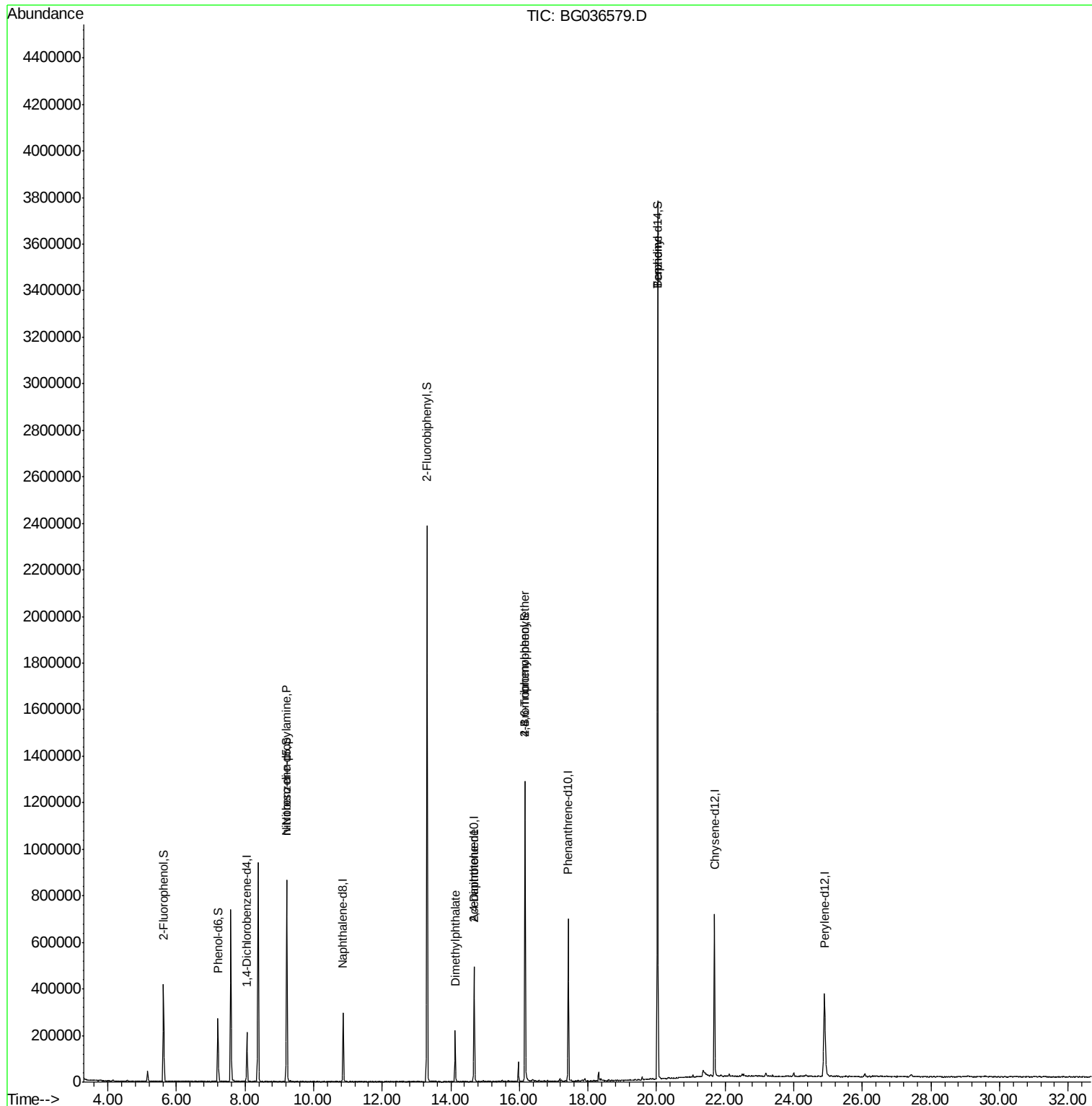
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60238	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	254092	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	174602	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	436464	20.00	ng	0.00
75) Chrysene-d12	21.69	240	442918	20.00	ng	0.00
86) Perylene-d12	24.90	264	433644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	175342	46.17	ng	0.00
7) Phenol-d6	7.21	99	157708	29.01	ng	0.00
23) Nitrobenzene-d5	9.22	82	520557	111.16	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	242794	116.54	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1221380	99.88	ng	0.00
78) Terphenyl-d14	20.03	244	1756046	92.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	69745	17.164	ng	Qvalue 68
49) Dimethylphthalate	14.13	163	142283	9.980	ng	99
56) 2,4-Dinitrotoluene	14.68	165	22890	5.987	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	17255	3.377	ng	# 1
76) Benzidine	20.03	184	30874	2.185	ng	# 95

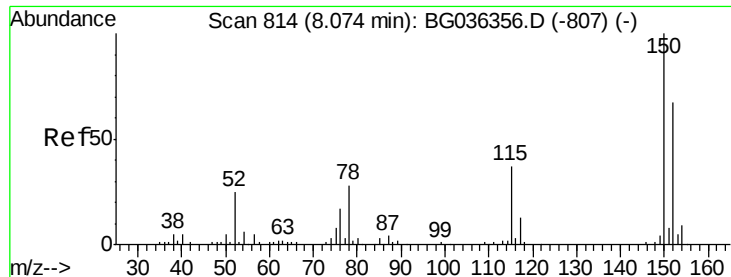
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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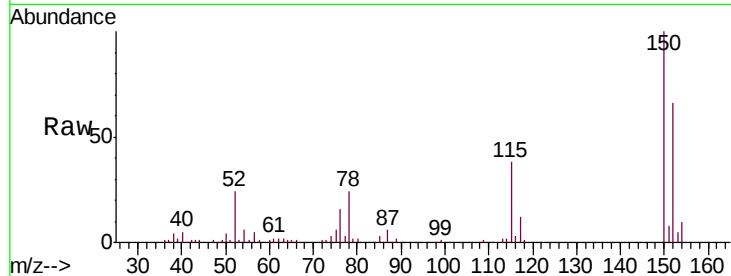


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036579.D
 Acq: 6 Sep 2018 21:26

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	57.3	44.5	66.7

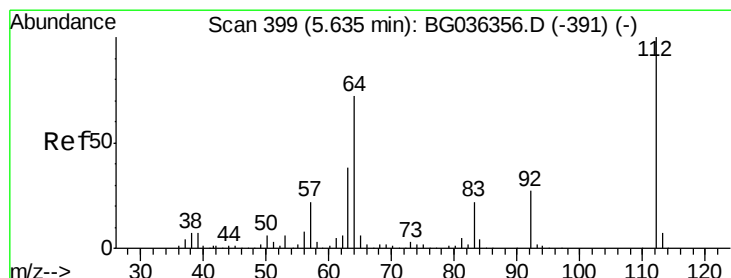
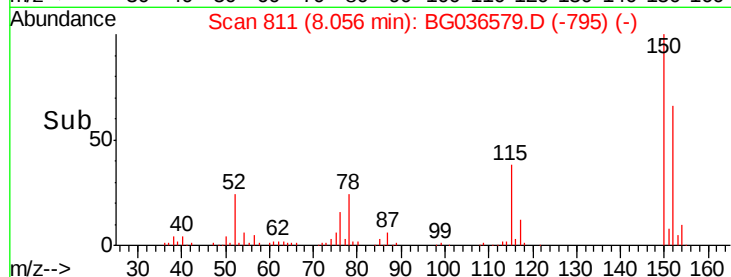
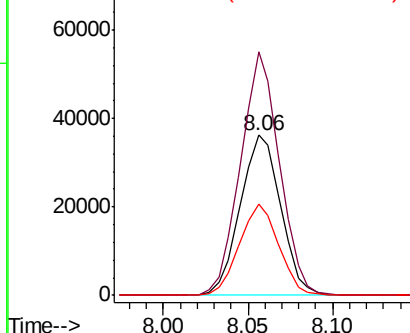


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

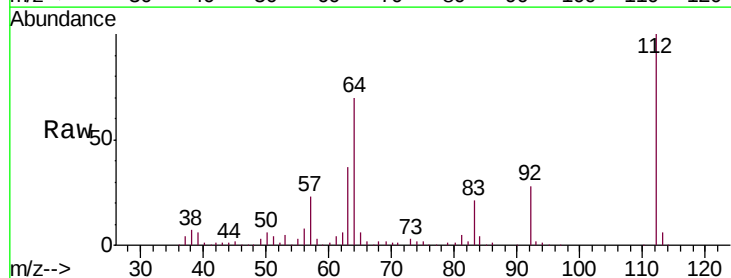
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 46.174 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036579.D
 Acq: 6 Sep 2018 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.2	85.8
63	36.9	30.8	46.2

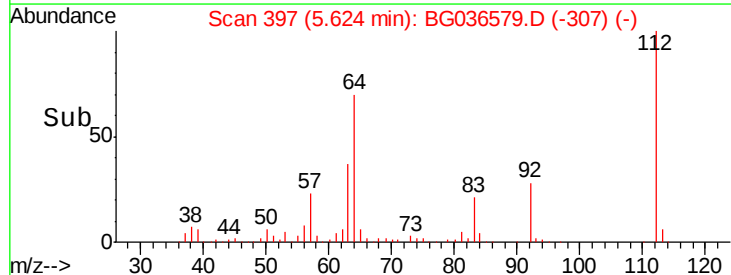
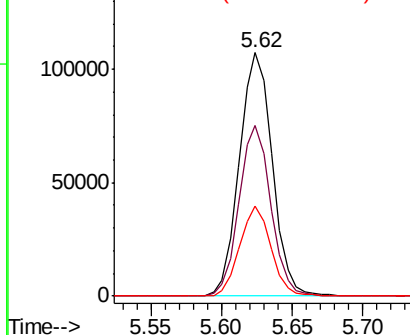


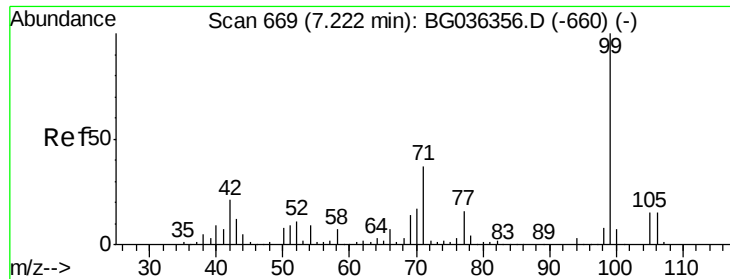
Abundance

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: 29.007 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036579.D

Acq: 6 Sep 2018 21:26

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-S

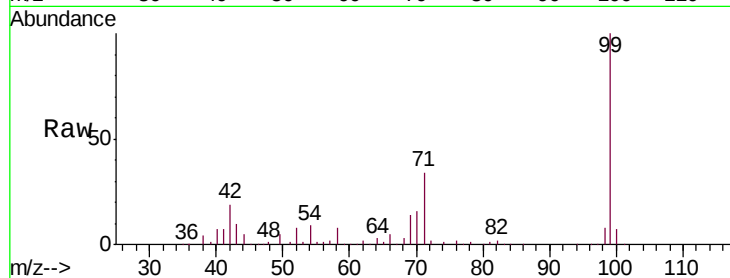
Tgt Ion: 99 Resp: 157708

Ion Ratio Lower Upper

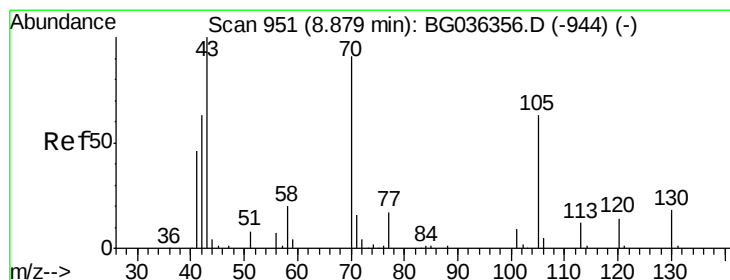
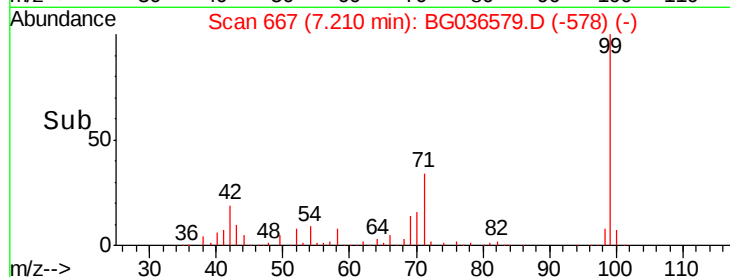
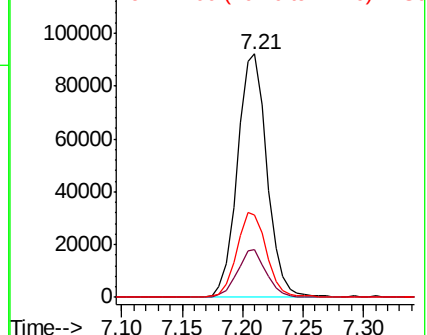
99 100

42 19.4 16.5 24.7

71 33.8 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: 17.164 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036579.D

Acq: 6 Sep 2018 21:26

Tgt Ion: 70 Resp: 69745

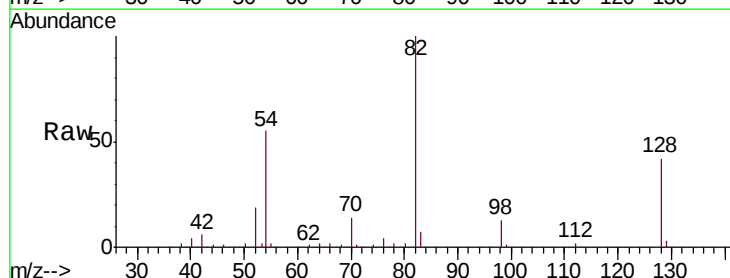
Ion Ratio Lower Upper

70 100

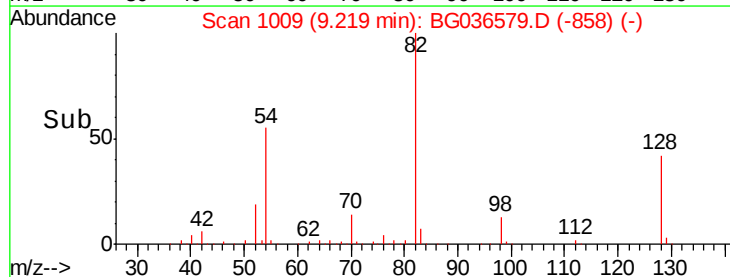
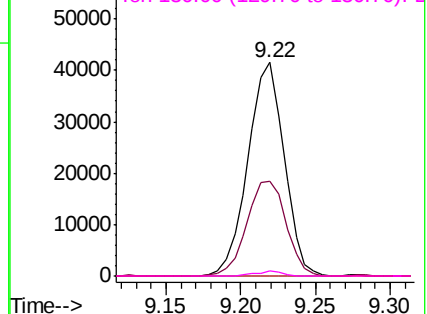
42 44.4 56.2 84.4#

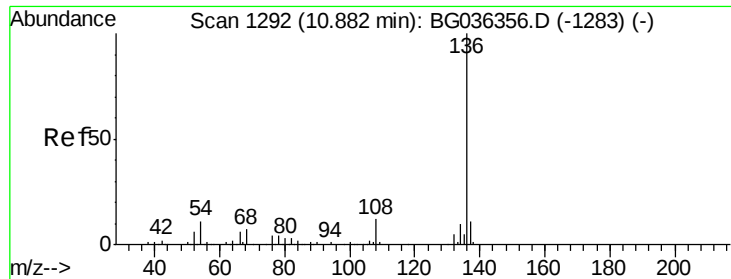
101 0.0 7.8 11.6#

130 2.3 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

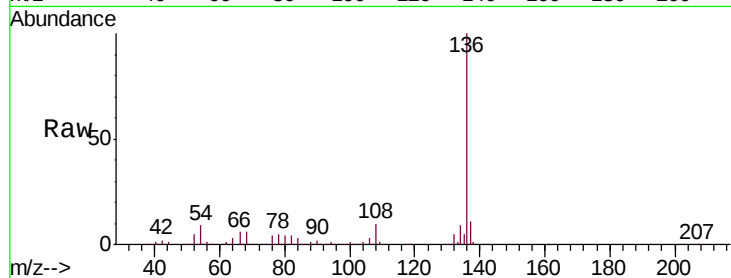




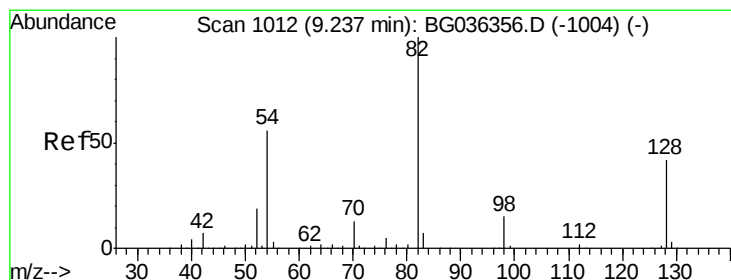
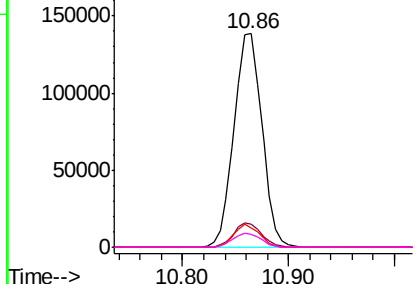
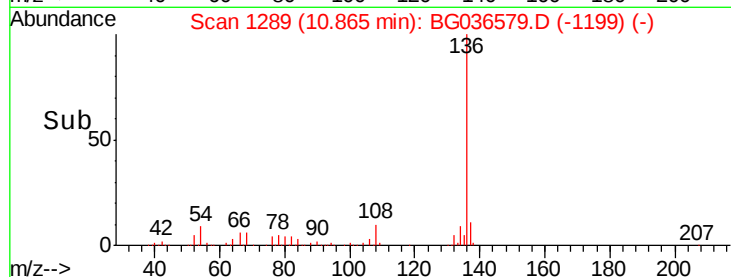
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036579.D
Acq: 6 Sep 2018 21:26

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

Tgt Ion:	136	Resp:	254092
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	9.2	13.8#
68	6.2	5.8	8.6

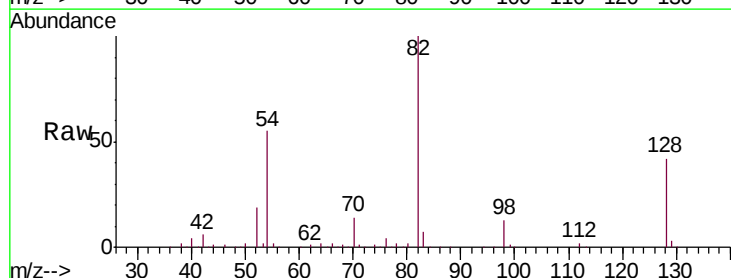


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

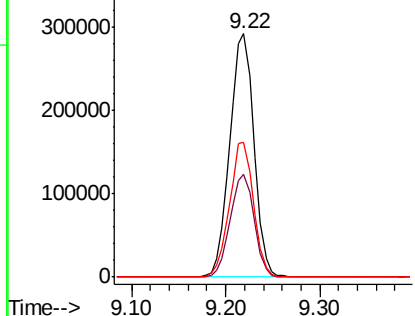
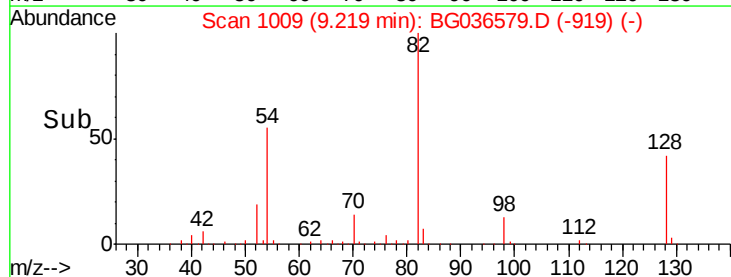


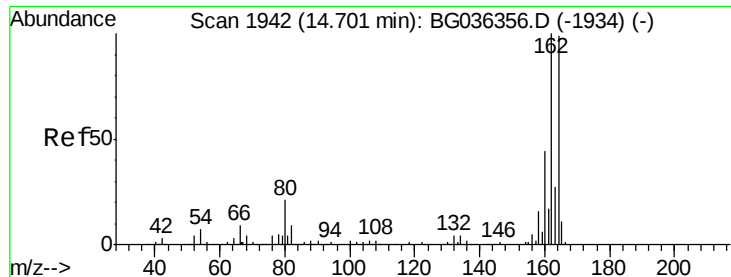
#23
Nitrobenzene-d5
Concen: 111.155 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036579.D
Acq: 6 Sep 2018 21:26

Tgt Ion:	82	Resp:	520557
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	55.4	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036579.D

Acq: 6 Sep 2018 21:26

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-S

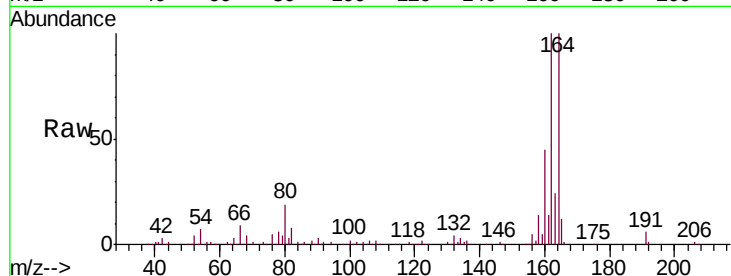
Tgt Ion:164 Resp: 174602

Ion Ratio Lower Upper

164 100

162 99.9 80.7 121.1

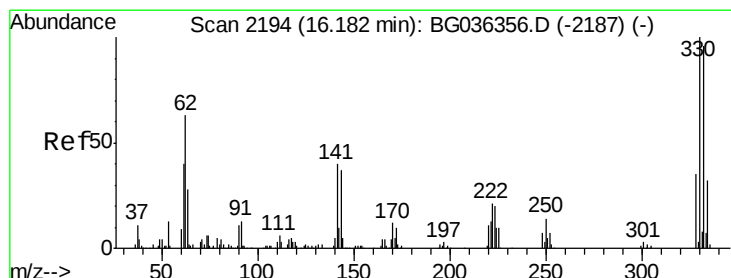
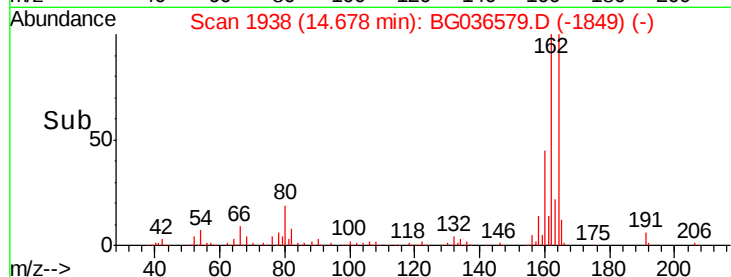
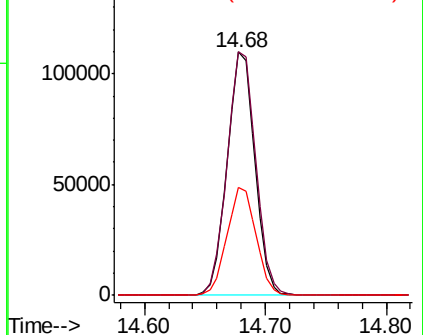
160 44.5 35.3 52.9



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: 116.538 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036579.D

Acq: 6 Sep 2018 21:26

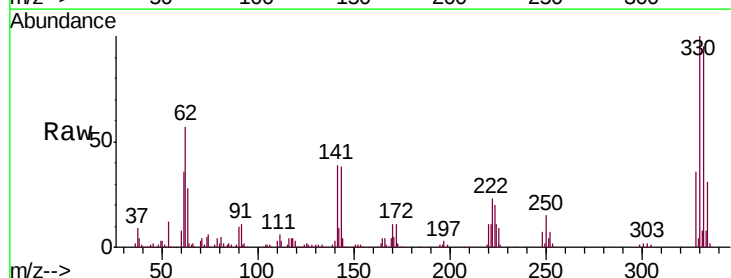
Tgt Ion:330 Resp: 242794

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

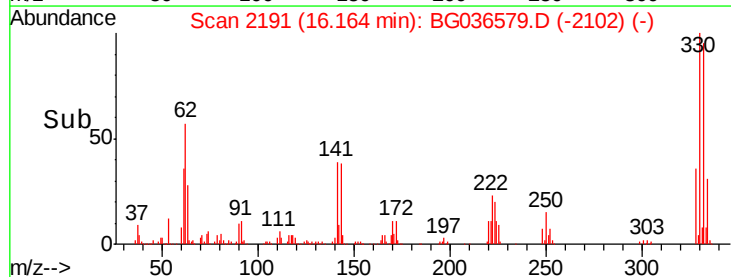
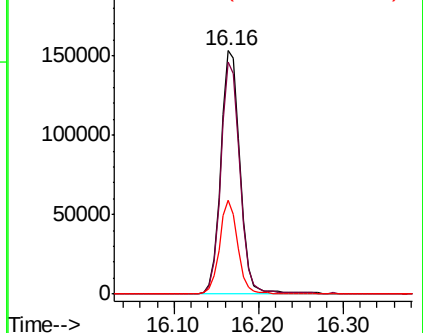
141 36.9 30.7 46.1



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

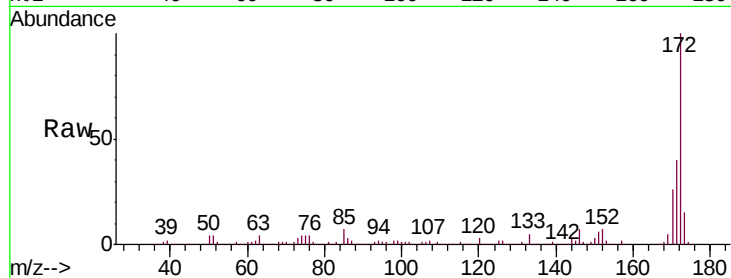




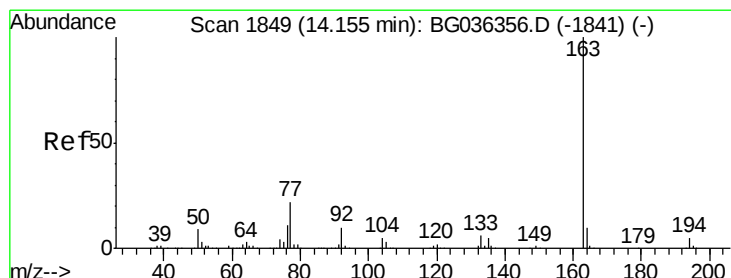
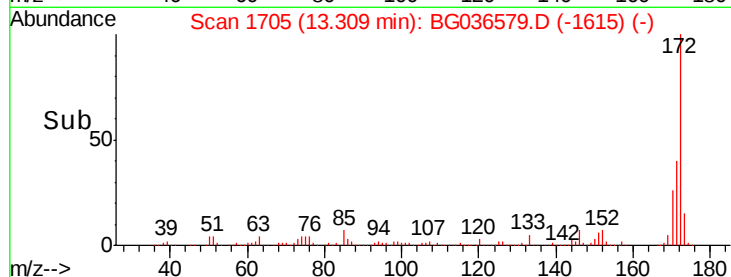
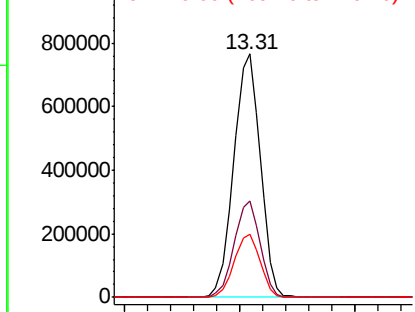
#44
 2-Fluorobiphenyl
 Concen: 99.879 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036579.D
 Acq: 6 Sep 2018 21:26

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

Tgt Ion:172 Resp: 1221380
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.3 46.9
 170 26.0 21.0 31.6

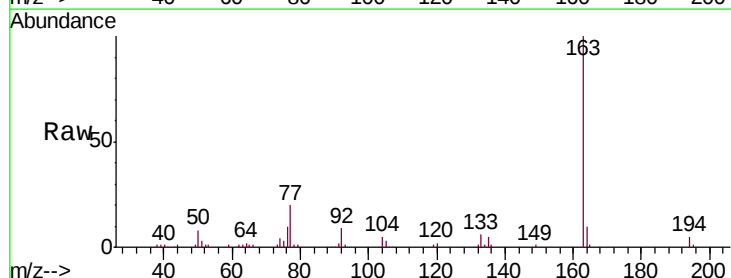


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

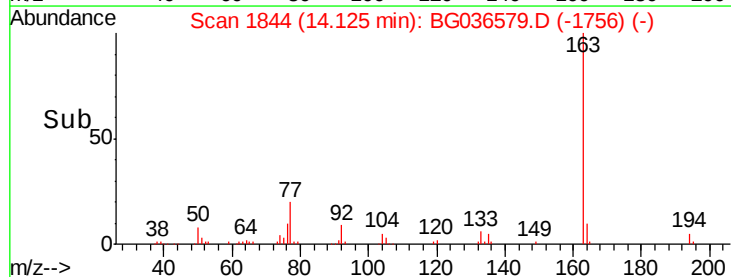
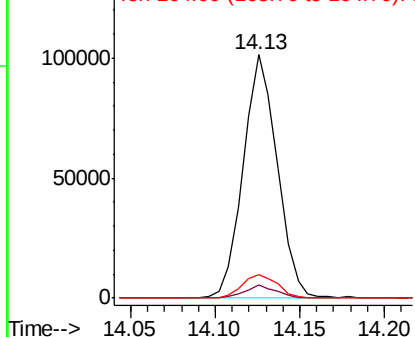


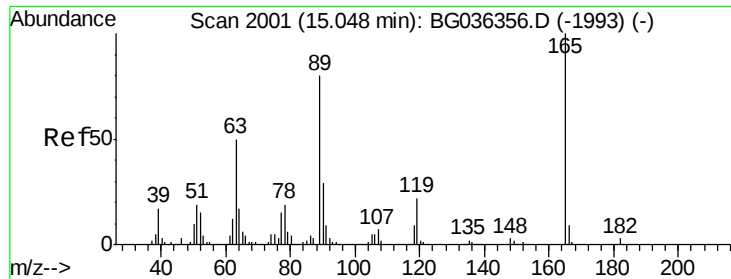
#49
 Dimethylphthalate
 Concen: 9.980 ng
 RT: 14.13 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BG036579.D
 Acq: 6 Sep 2018 21:26

Tgt Ion:163 Resp: 142283
 Ion Ratio Lower Upper
 163 100
 194 5.5 4.0 6.0
 164 9.6 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

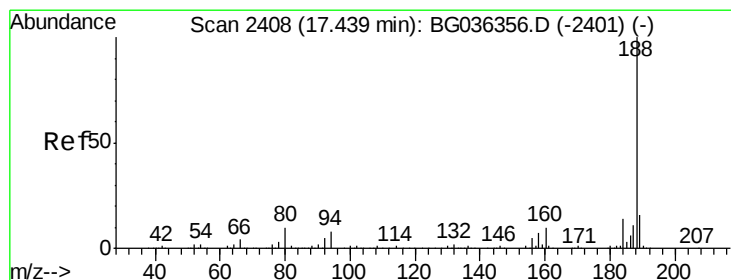
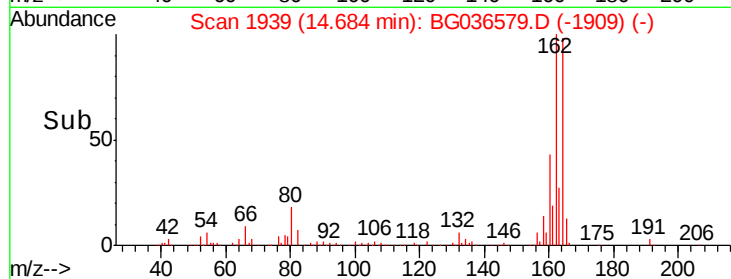
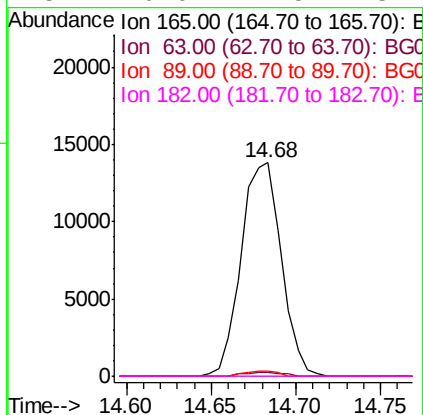
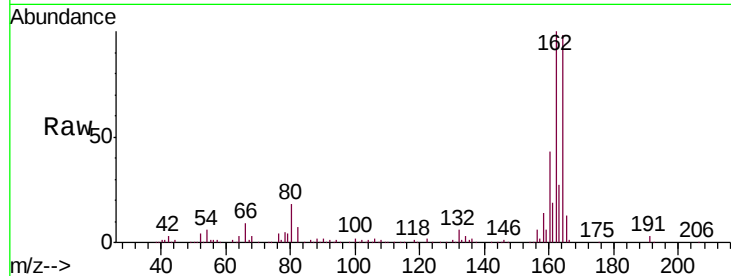




#56
 2,4-Dinitrotoluene
 Concen: 5.987 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.35 min
 Lab File: BG036579.D
 Acq: 6 Sep 2018 21:26

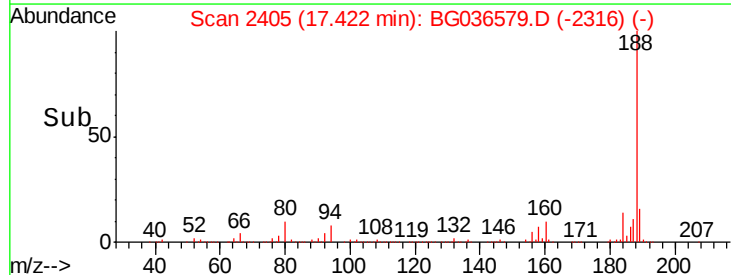
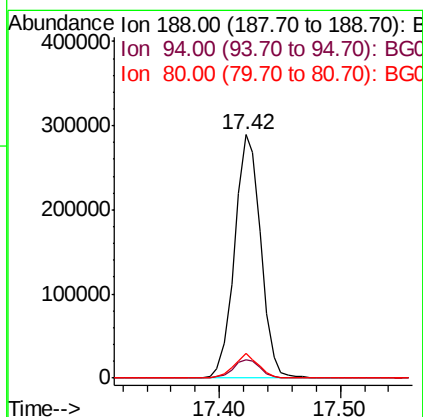
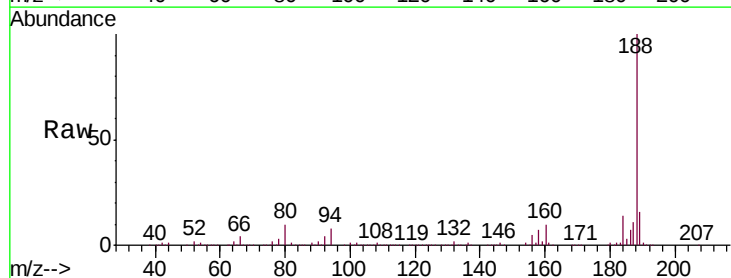
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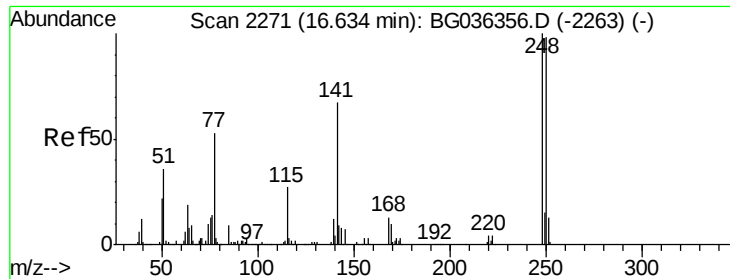
Tgt Ion:	165	Resp:	22890
Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036579.D
 Acq: 6 Sep 2018 21:26

Tgt Ion:	188	Resp:	436464
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	10.0	8.1	12.1

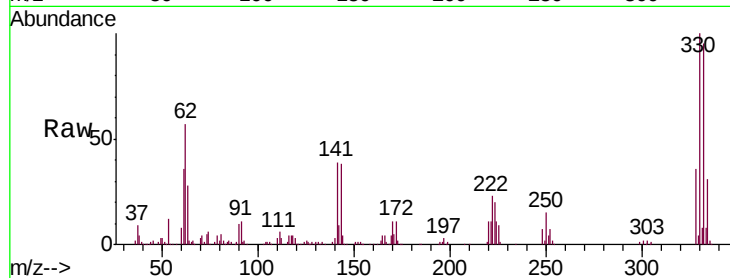




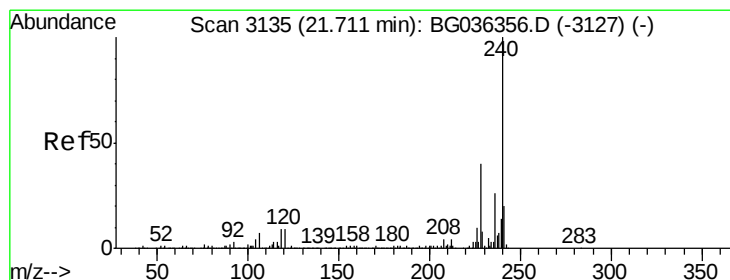
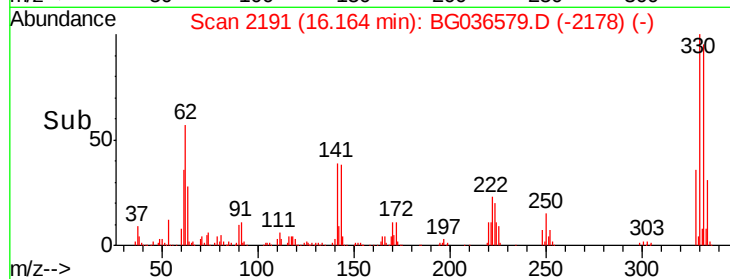
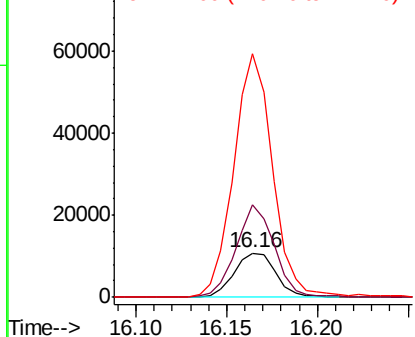
#66
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036579.D
Acq: 6 Sep 2018 21:26

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

Tgt Ion:248 Resp: 17255
Ion Ratio Lower Upper
248 100
250 209.1 78.1 117.1#
141 553.0 53.7 80.5#

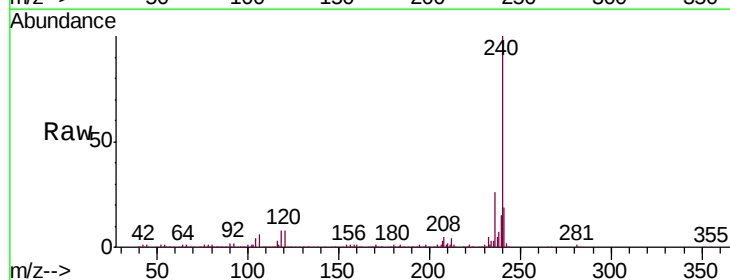


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

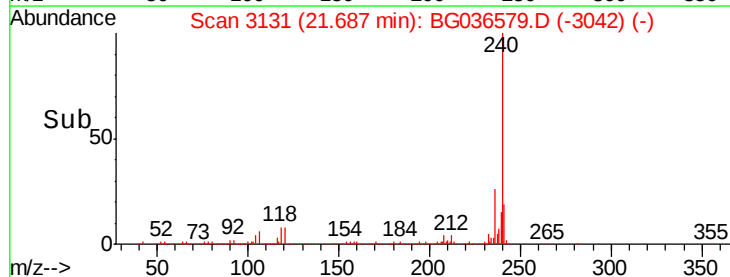
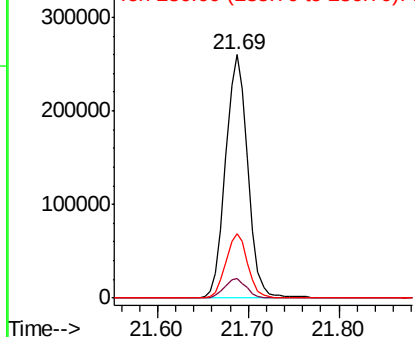


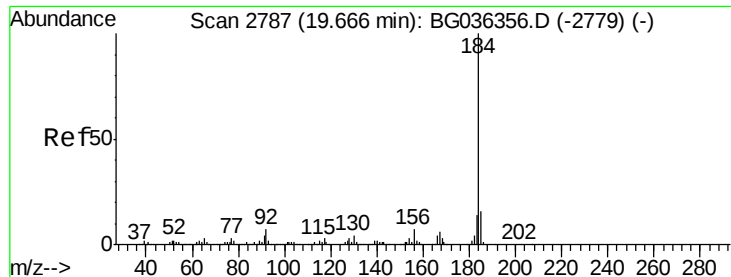
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036579.D
Acq: 6 Sep 2018 21:26

Tgt Ion:240 Resp: 442918
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.3 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: 2.185 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036579.D

Acq: 6 Sep 2018 21:26

Instrument :

BNA_G

ClientSampleId :

090418-JETT-E-D-S

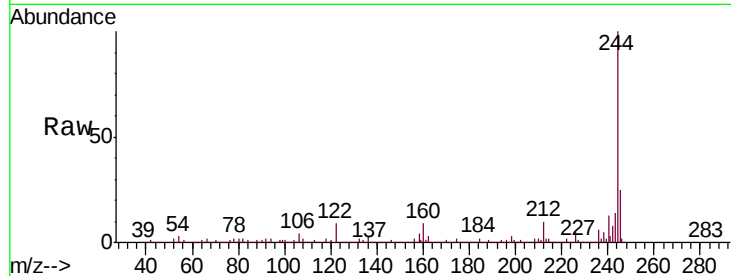
Tgt Ion:184 Resp: 30874

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

183 10.6 10.9 16.3#

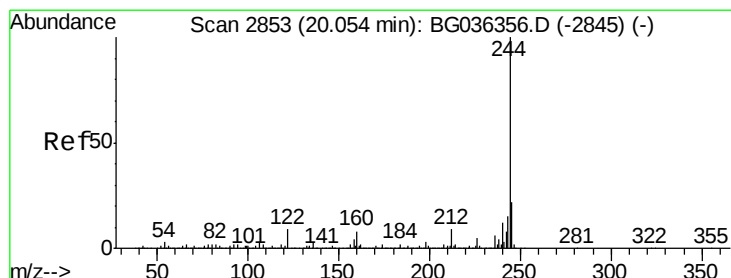
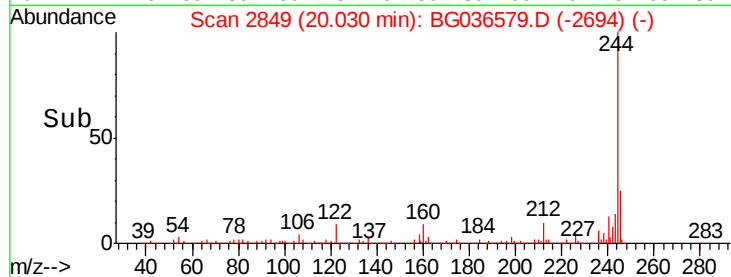
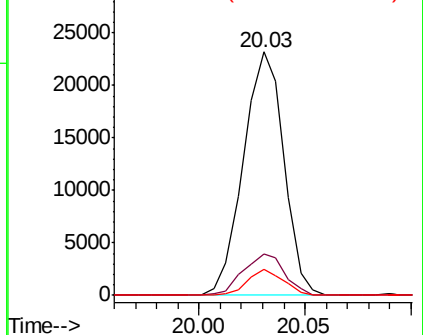


Abundance

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: 92.669 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036579.D

Acq: 6 Sep 2018 21:26

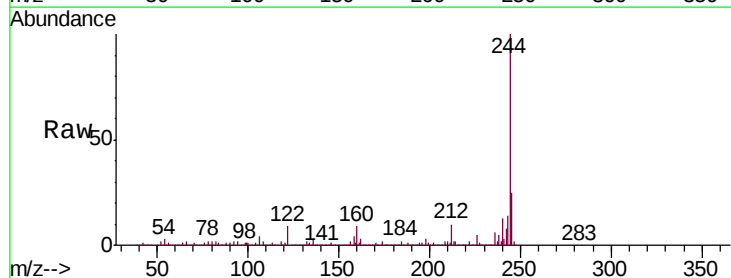
Tgt Ion:244 Resp: 1756046

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

122 9.4 7.1 10.7

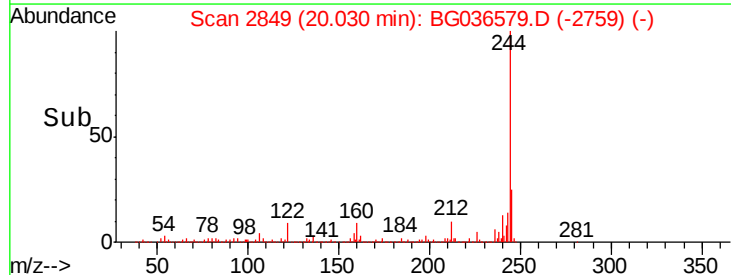
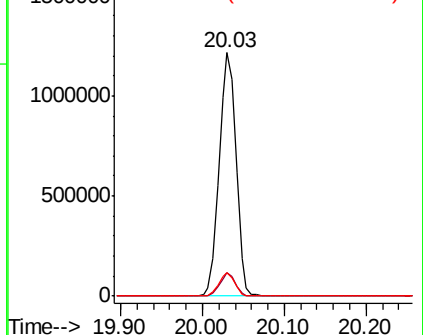


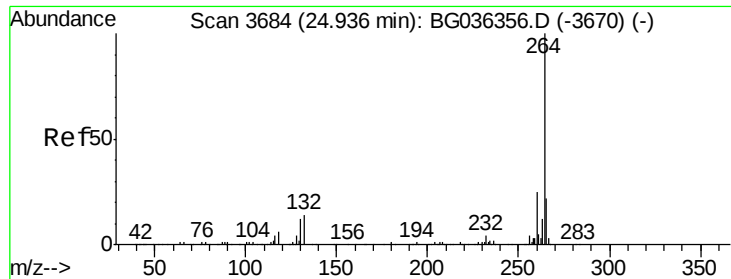
Abundance

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# 3677
Delta R.T. -0.01 min
Lab File: BG036579.D
Acq: 6 Sep 2018 21:26

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.5	17.4	26.0

