

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038427.D
 Acq On : 8 Dec 2018 7:56
 Operator : JU/SJ
 Sample : J6019-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Dec 10 03:02:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

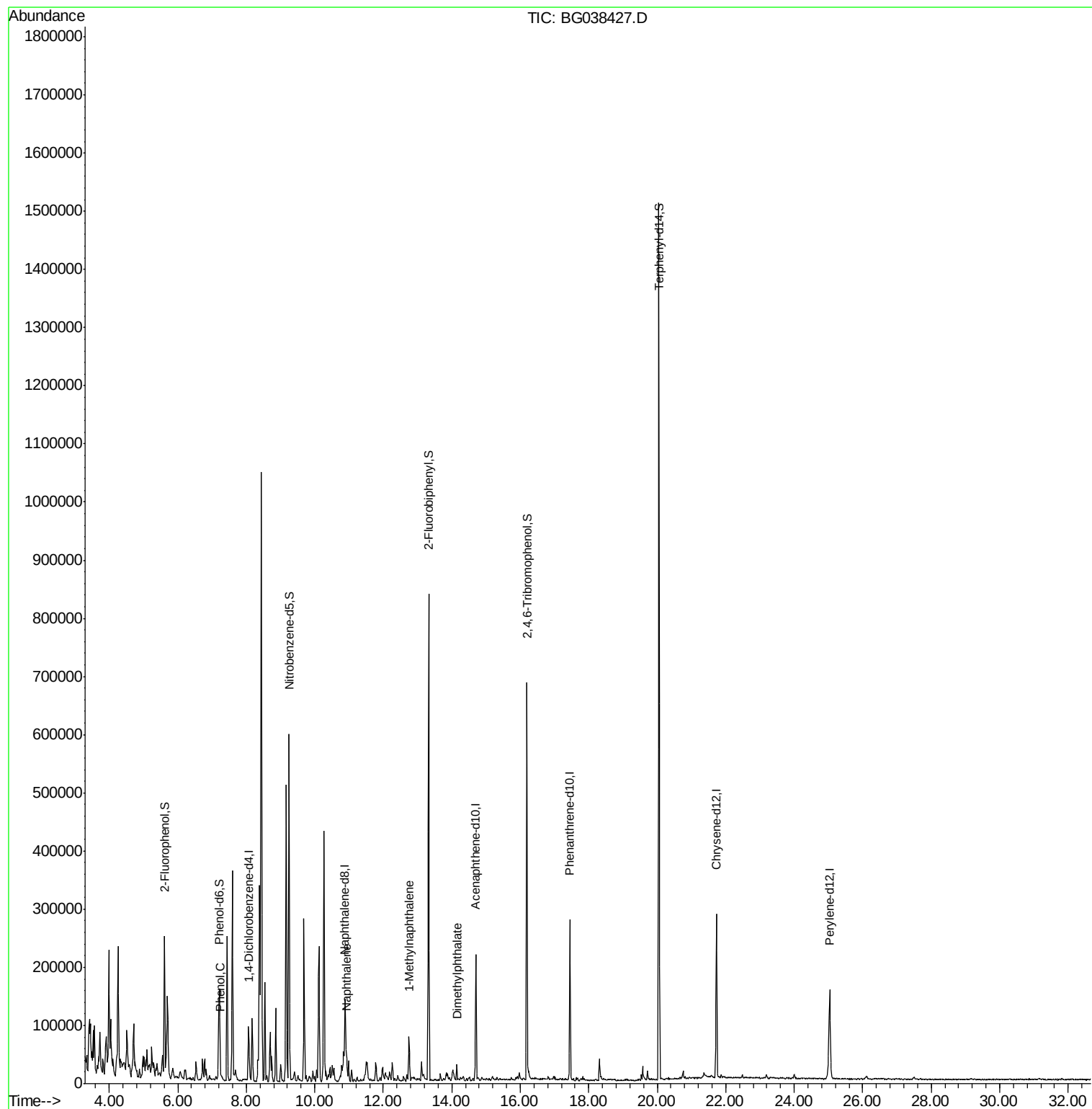
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25723	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	109933	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	74313	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	182170	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	177780	20.00	ng	-0.02
87) Perylene-d12	25.03	264	188022	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	107313	73.83	ng	0.00
7) Phenol-d6	7.22	99	74714	35.56	ng	0.00
23) Nitrobenzene-d5	9.25	82	184740	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	131097	143.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	447226	85.75	ng	0.00
79) Terphenyl-d14	20.05	244	720018	86.76	ng	0.00
Target Compounds						
10) Phenol	7.24	94	5251	2.366	ng	89
31) Naphthalene	10.94	128	22076	4.204	ng	# 91
38) 1-Methylnaphthalene	12.75	142	26462	7.388	ng	# 97
50) Dimethylphthalate	14.15	163	19198	3.221	ng	99

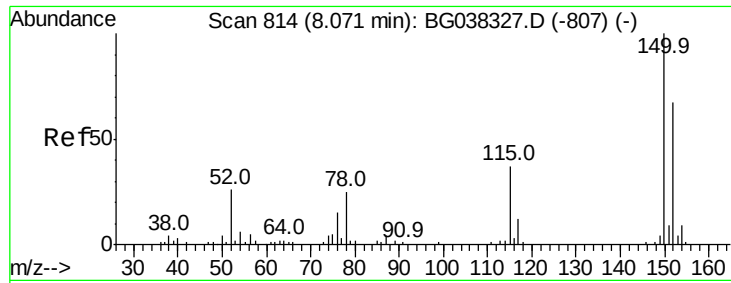
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

Instrument :

BNA_G

ClientSampleId :

MW-2

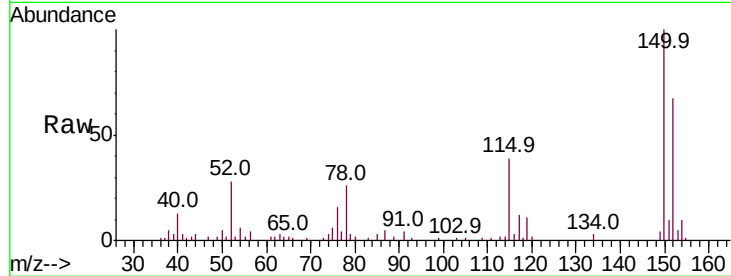
Tot Ion:152 Resp: 25723

Ion Ratio Lower Upper

152 100

150 148.2 126.0 189.0

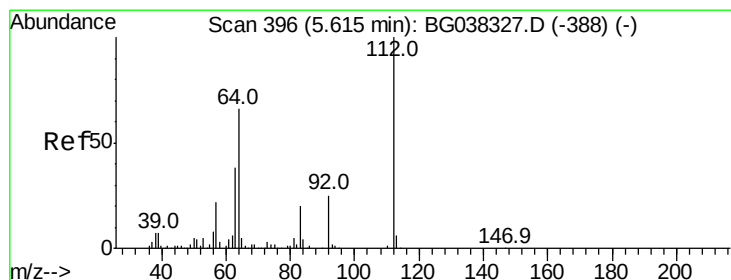
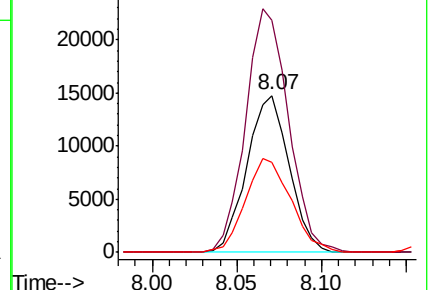
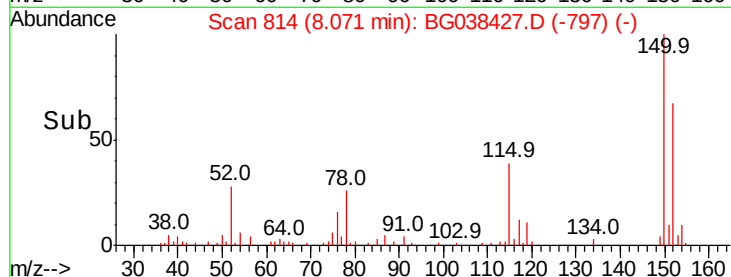
115 57.1 45.5 68.3



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: 73.827 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

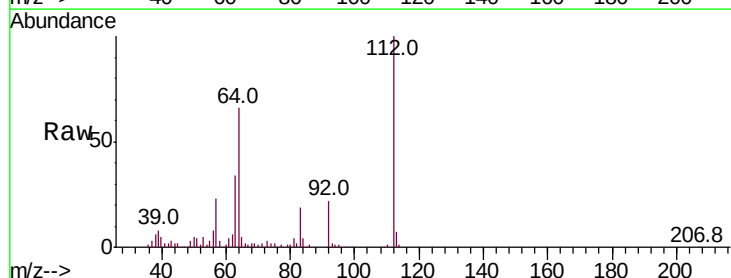
Tgt Ion:112 Resp: 107313

Ion Ratio Lower Upper

112 100

64 66.3 53.1 79.7

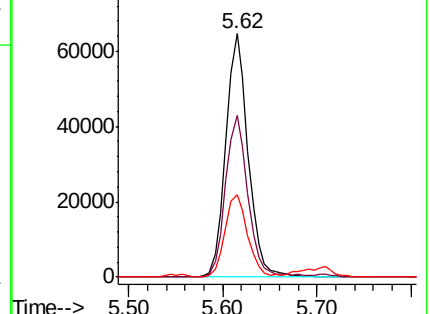
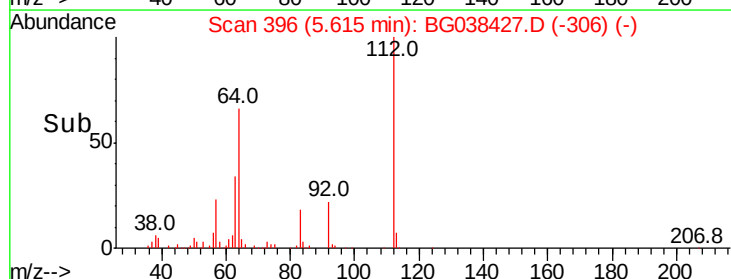
63 33.9 27.3 40.9

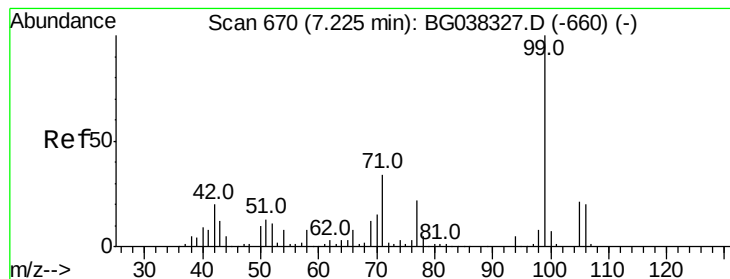


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.563 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

Instrument :

BNA_G

ClientSampled :

MW-2

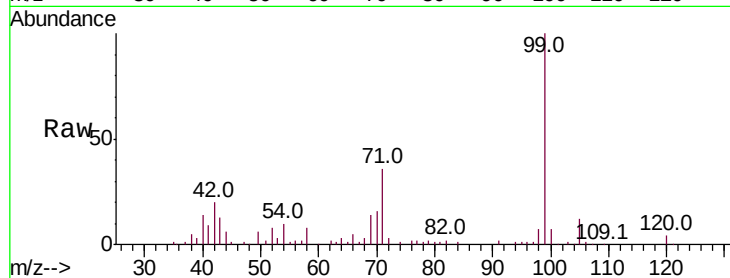
Tot Ion: 99 Resp: 74714

Ion Ratio Lower Upper

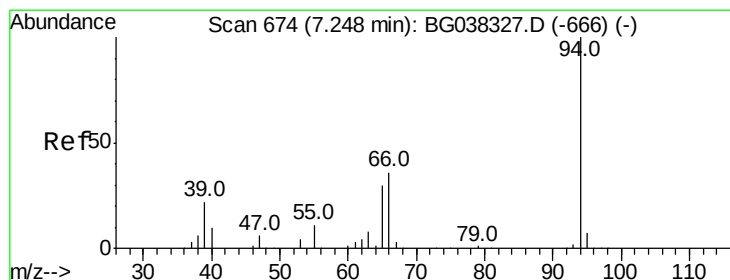
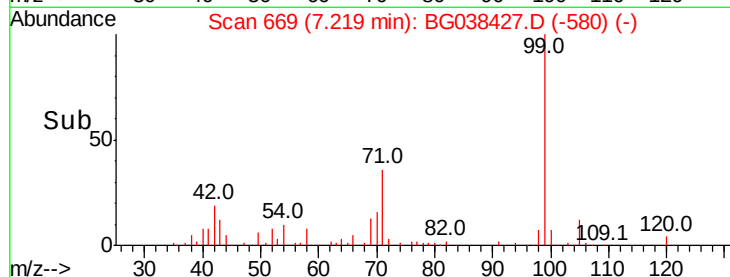
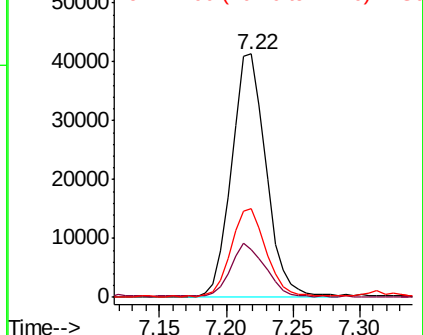
99 100

42 19.9 15.0 22.4

71 36.2 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: 2.366 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

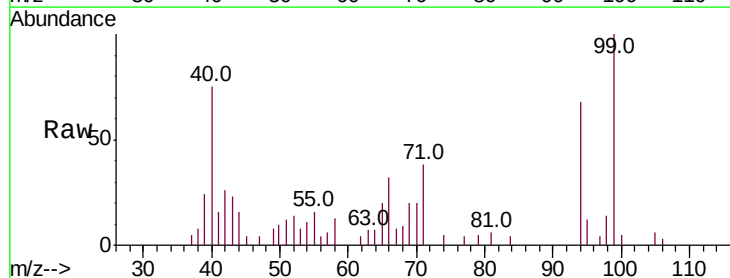
Tgt Ion: 94 Resp: 5251

Ion Ratio Lower Upper

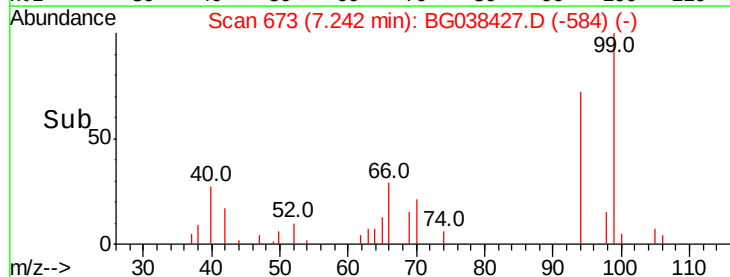
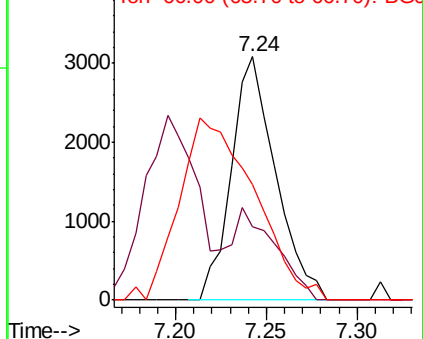
94 100

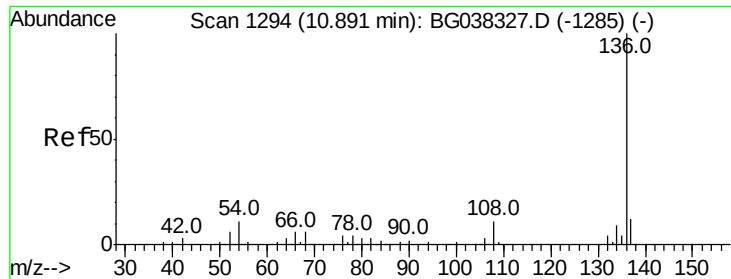
65 30.0 9.7 49.7

66 47.5 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

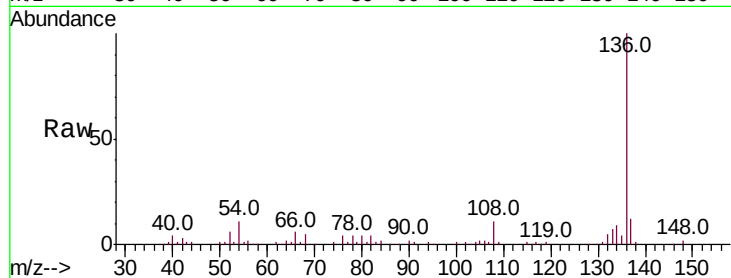




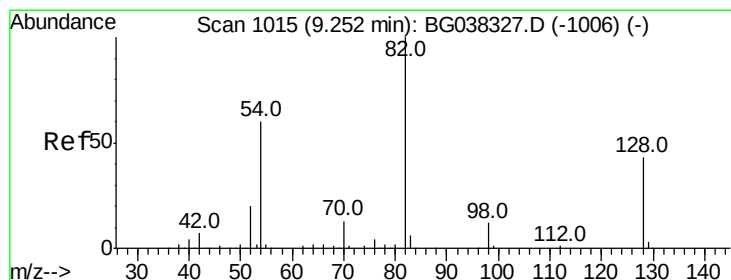
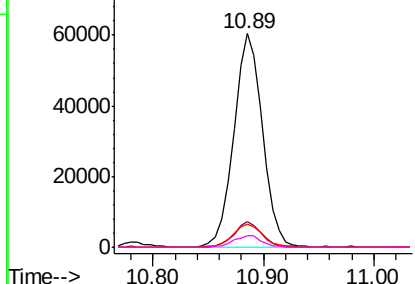
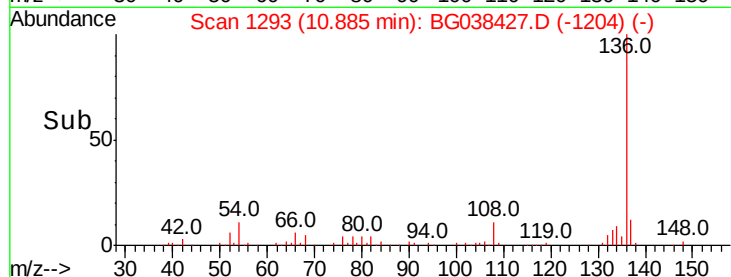
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038427.D
Acq: 8 Dec 2018 7:56

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion:136	Resp:	109933
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.6 14.4
54	11.0	7.9 11.9
68	5.2	4.8 7.2

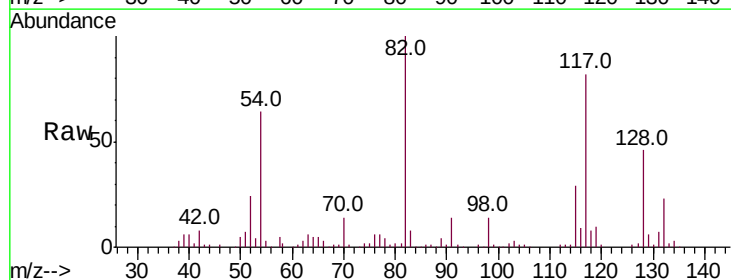


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

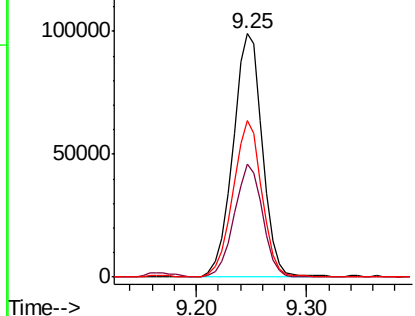
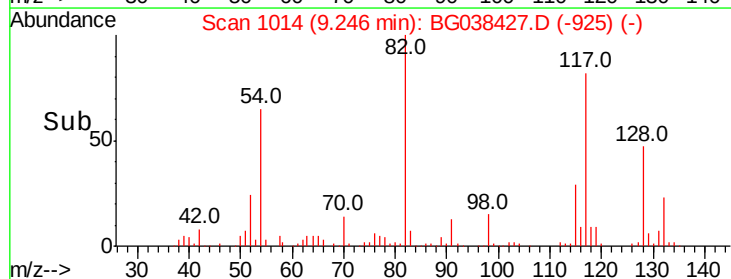


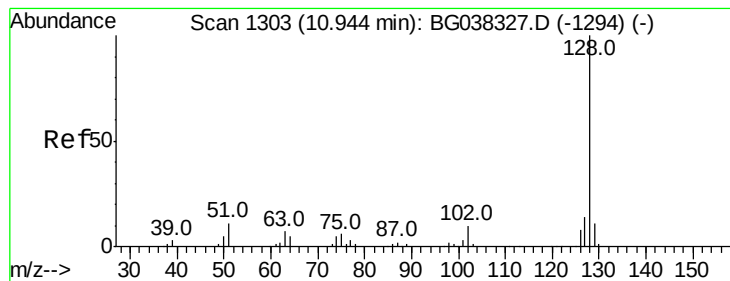
#23
Nitrobenzene-d5
Concen: 83.432 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038427.D
Acq: 8 Dec 2018 7:56

Tgt Ion: 82	Resp:	184740
Ion	Ratio	Lower Upper
82	100	
128	46.2	34.6 51.8
54	64.5	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#31

Naphthalene

Concen: 4.204 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

Instrument :

BNA_G

ClientSampleId :

MW-2

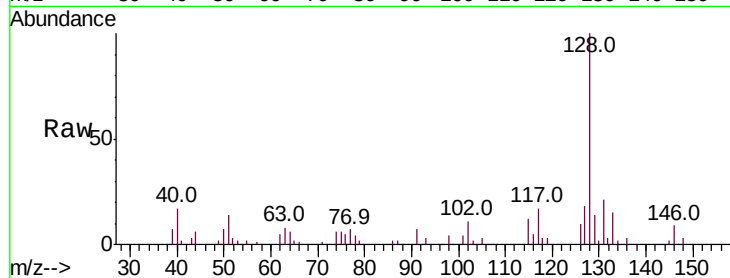
Tot Ion:128 Resp: 22076

Ion Ratio Lower Upper

128 100

129 14.4 9.0 13.6#

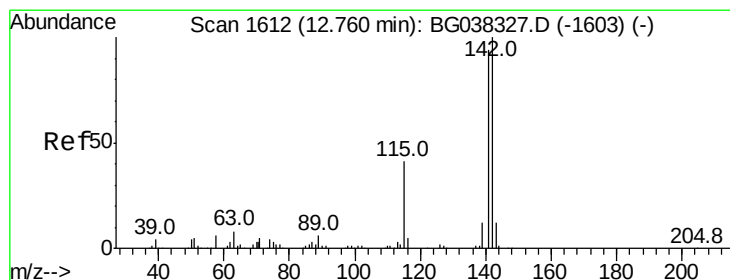
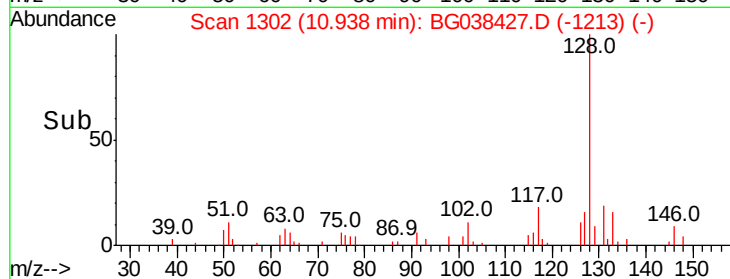
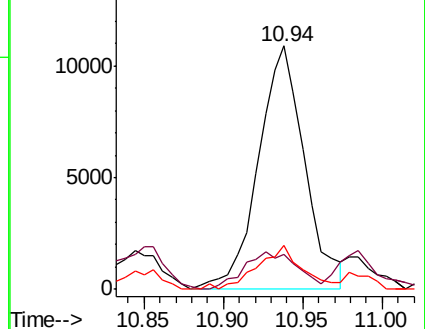
127 18.0 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

1-Methylnaphthalene

Concen: 7.388 ng

RT: 12.75 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

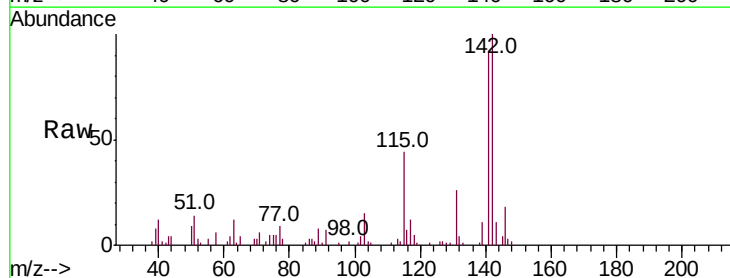
Tgt Ion:142 Resp: 26462

Ion Ratio Lower Upper

142 100

141 91.7 75.2 112.8

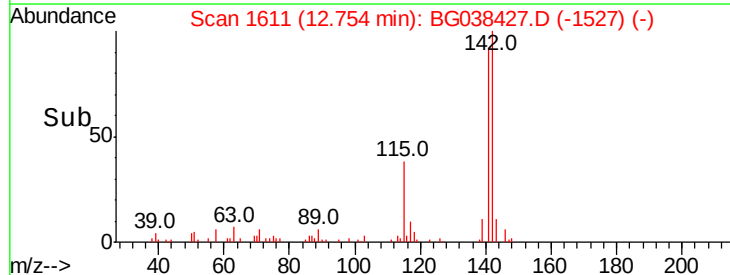
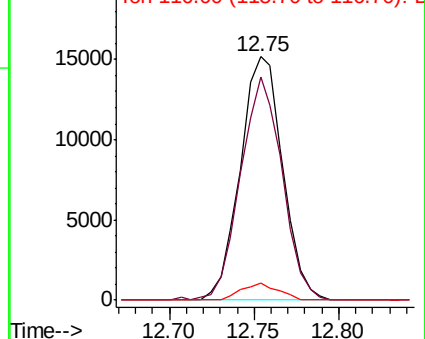
116 6.8 3.3 4.9#

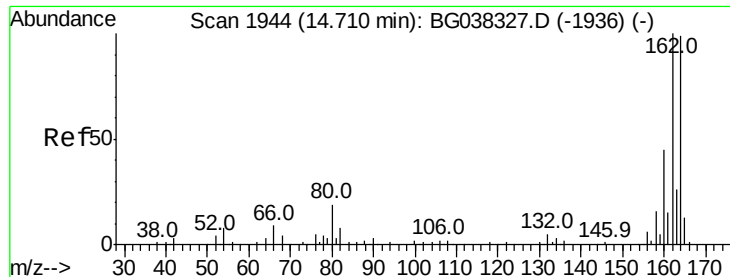


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

Instrument :

BNA_G

ClientSampleId :

MW-2

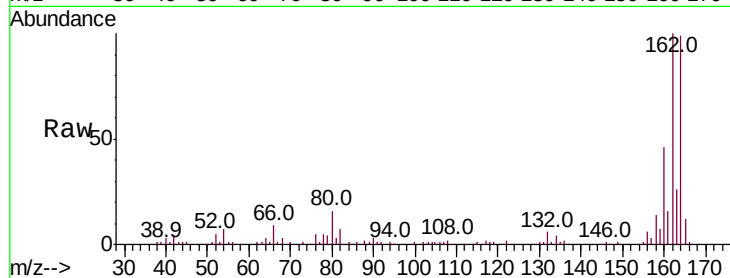
Tot Ion:164 Resp: 74313

Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

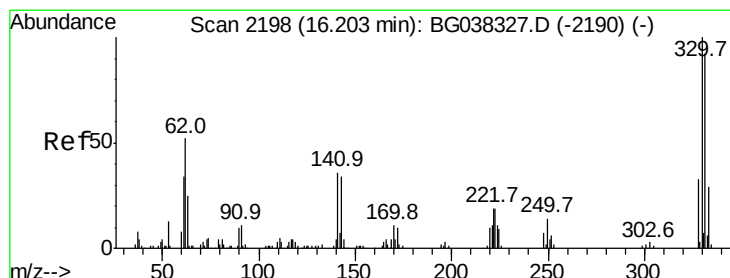
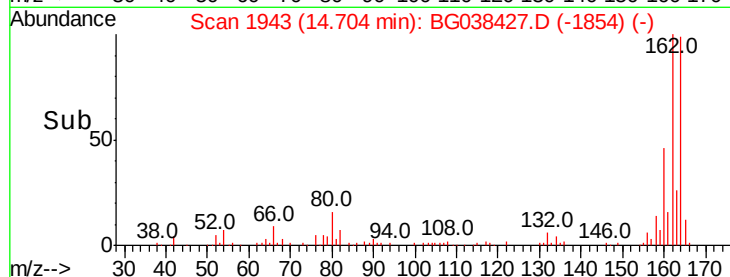
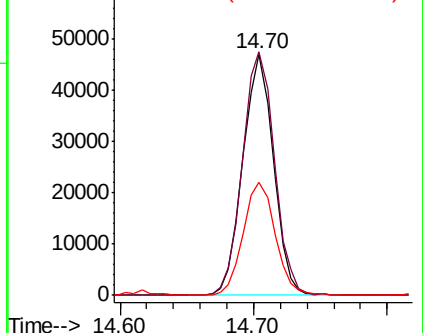
160 46.8 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 143.702 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

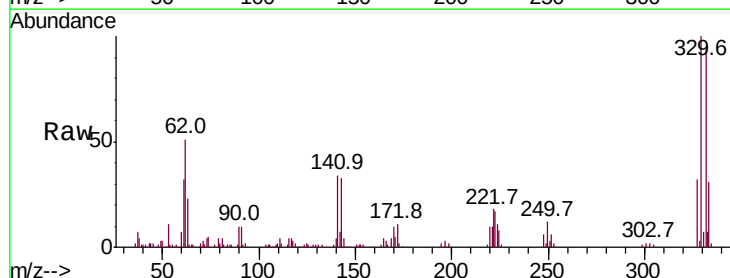
Tgt Ion:330 Resp: 131097

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

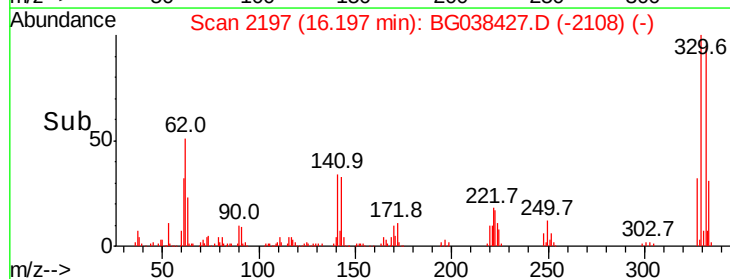
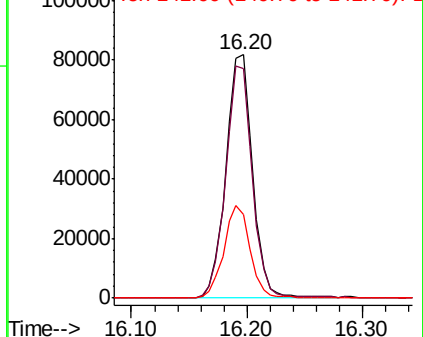
141 37.3 32.2 48.2

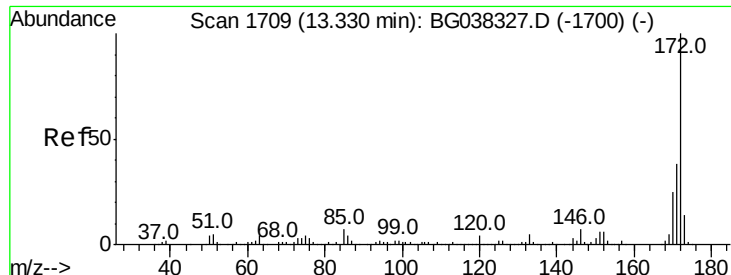


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

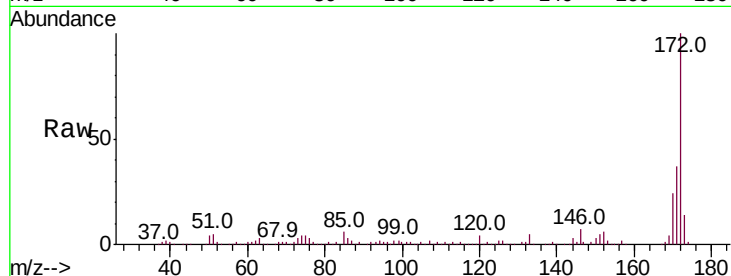




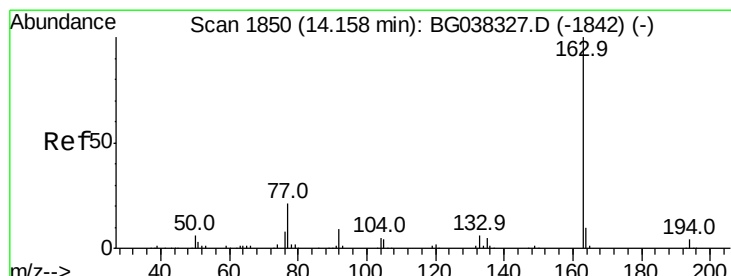
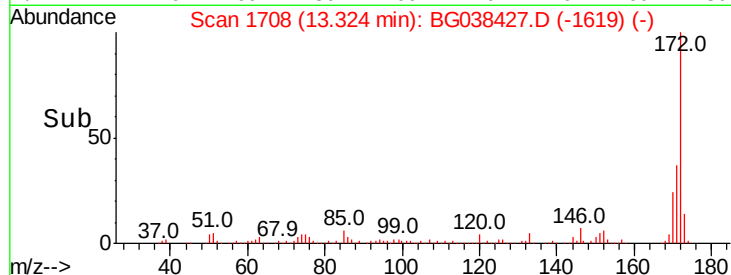
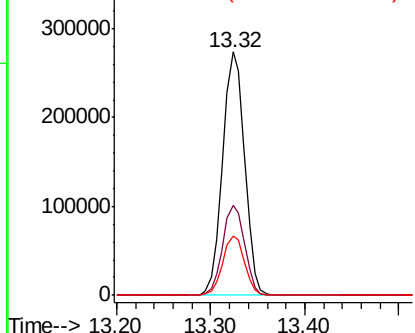
#45
2-Fluorobiphenyl
Concen: 85.753 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038427.D
Acq: 8 Dec 2018 7:56

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion:172 Resp: 447226
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 24.2 20.2 30.2

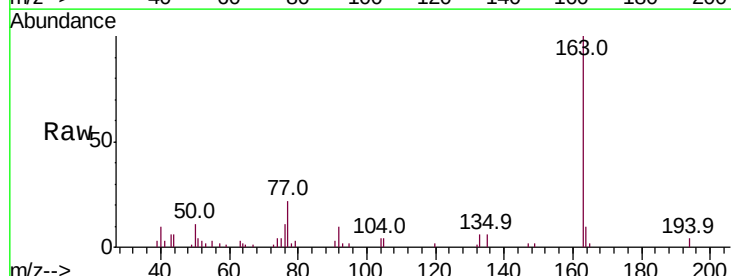


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

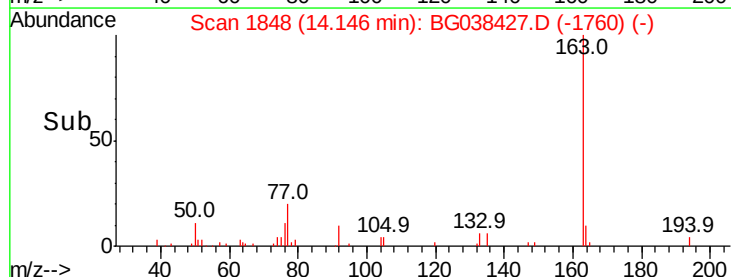
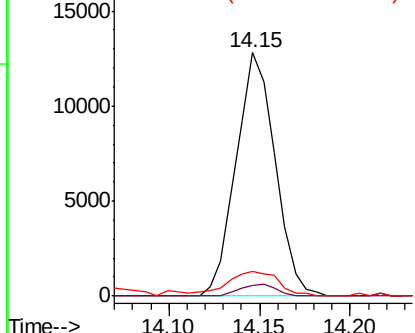


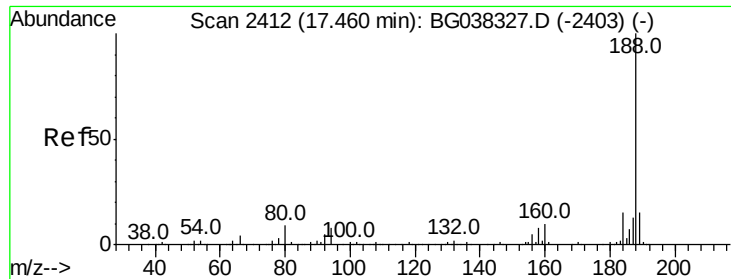
#50
Dimethylphthalate
Concen: 3.221 ng
RT: 14.15 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG038427.D
Acq: 8 Dec 2018 7:56

Tgt Ion:163 Resp: 19198
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.5 12.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

Instrument :

BNA_G

ClientSampleId :

MW-2

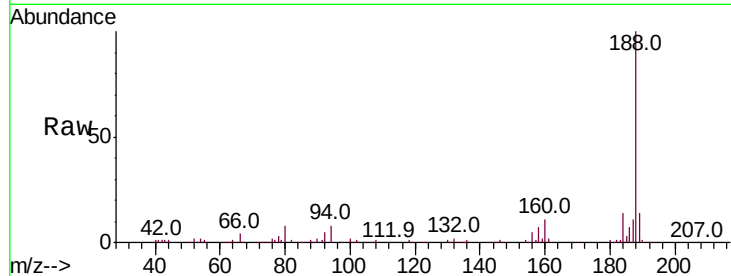
Tot Ion:188 Resp: 182170

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

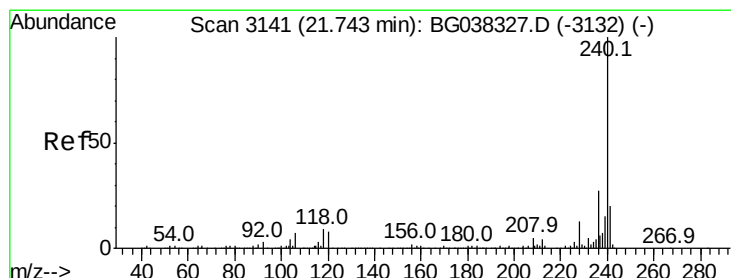
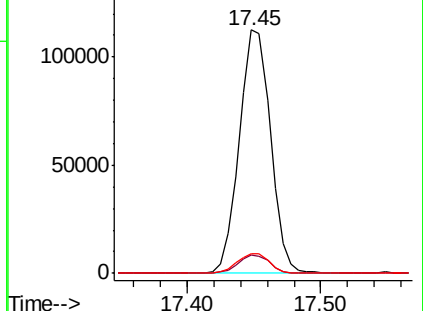
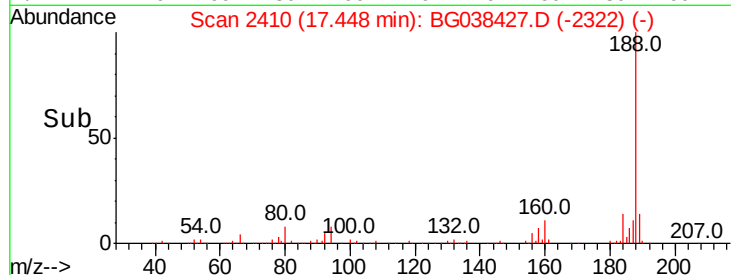
80 8.2 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

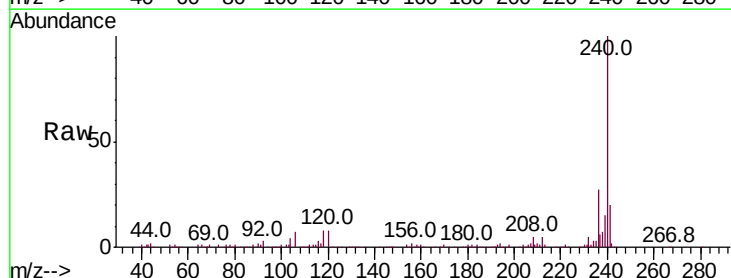
Tgt Ion:240 Resp: 177780

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

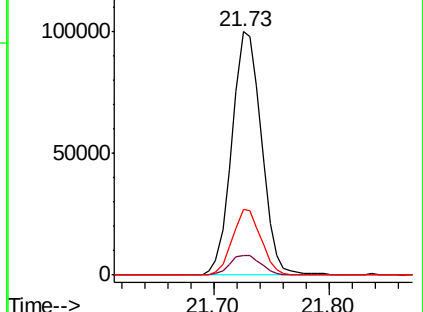
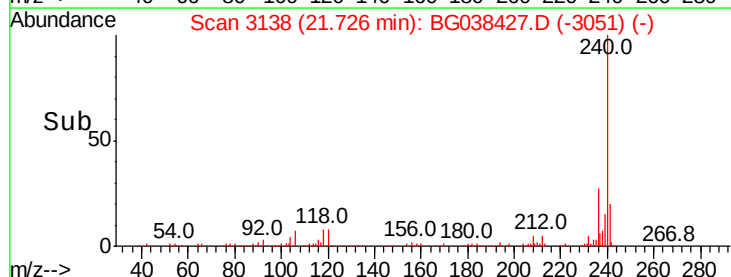
236 26.9 21.4 32.0

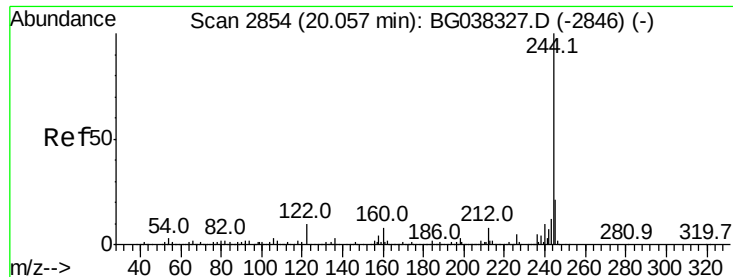


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.763 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

Instrument :

BNA_G

ClientSampleId :

MW-2

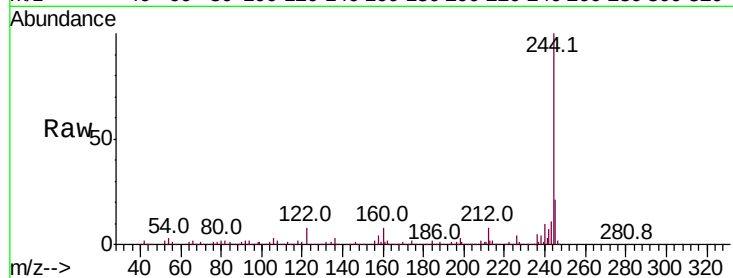
Tot Ion:244 Resp: 720018

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

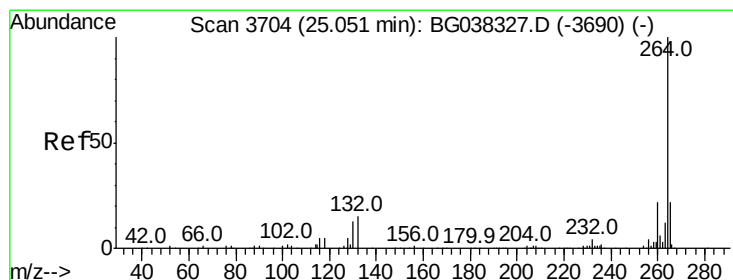
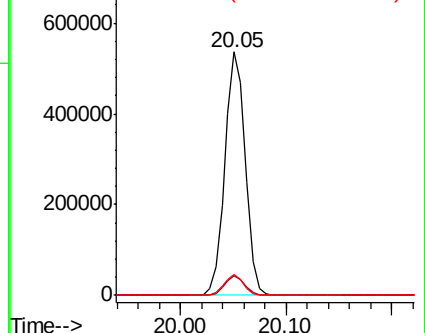
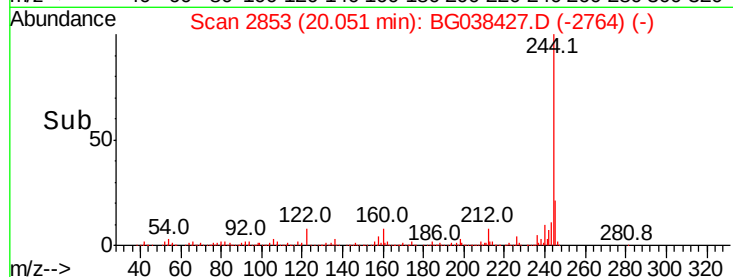
122 8.5 9.0 13.4#



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: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038427.D

Acq: 8 Dec 2018 7:56

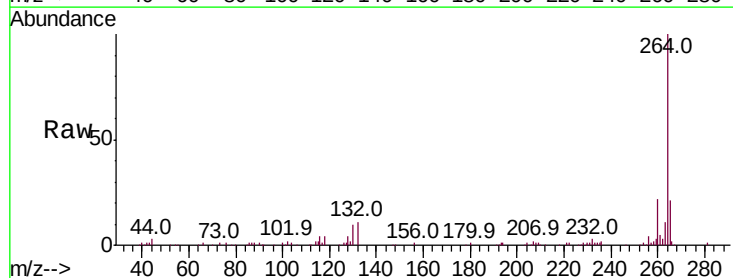
Tgt Ion:264 Resp: 188022

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 21.2 17.9 26.9



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

