

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038853.D
 Acq On : 27 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J6549-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Dec 28 02:30:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

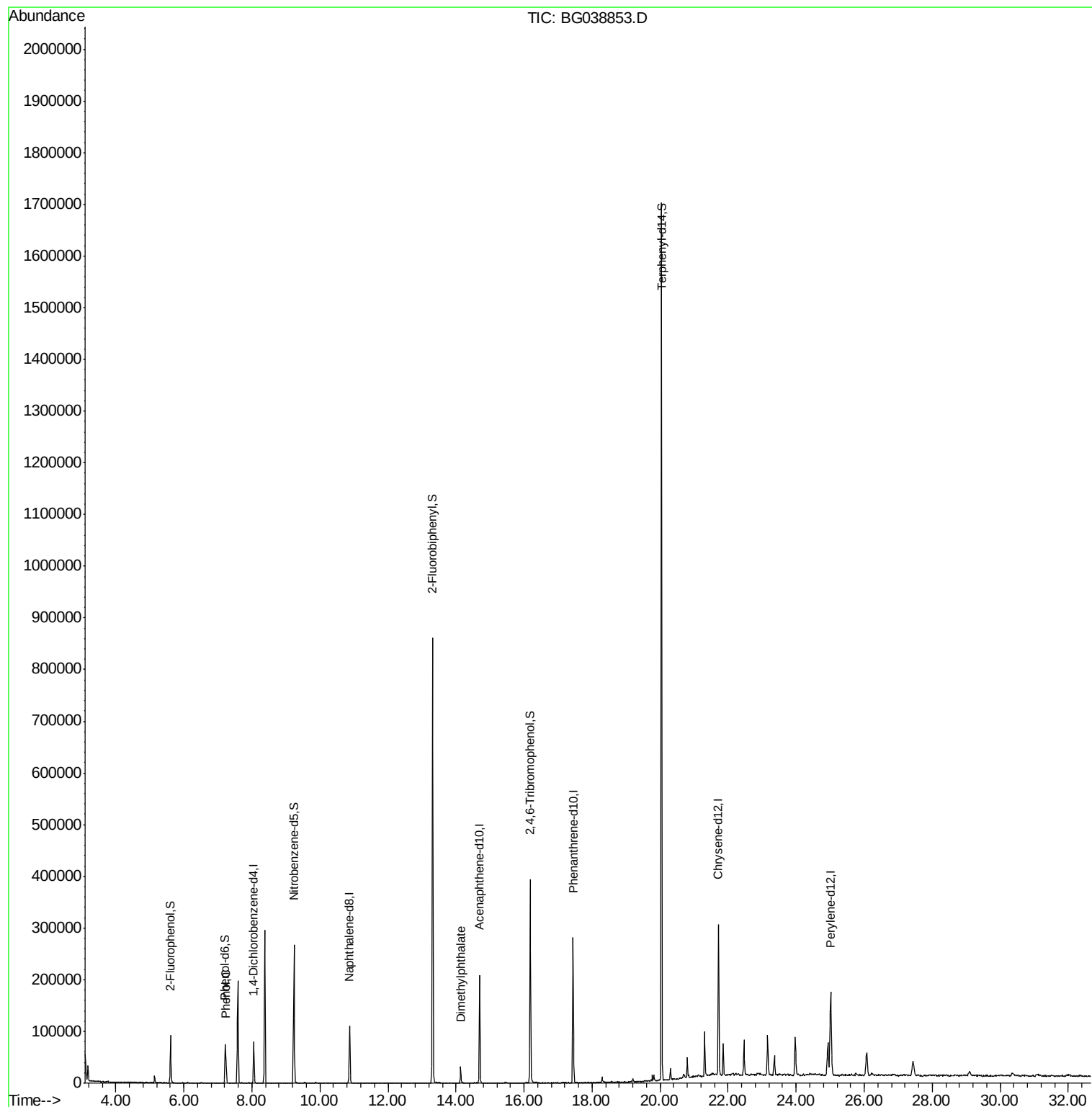
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23934	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	101523	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	78513	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190155	20.00	ng	0.00
76) Chrysene-d12	21.72	240	188160	20.00	ng	-0.01
87) Perylene-d12	25.01	264	199721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	42336	31.37	ng	0.00
7) Phenol-d6	7.21	99	43761	23.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	158708	79.86	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	88523	81.81	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	478737	83.65	ng	0.00
79) Terphenyl-d14	20.04	244	827446	95.71	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16584	8.426	ng	95
50) Dimethylphthalate	14.14	163	25878	4.036	ng	97

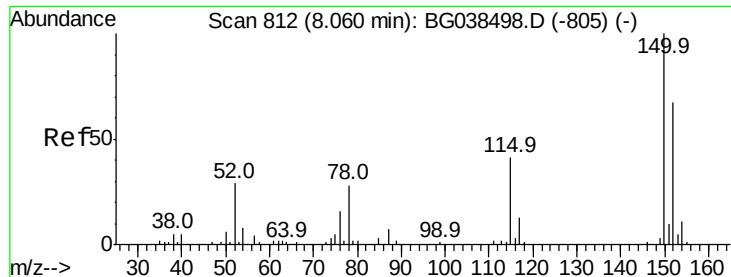
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

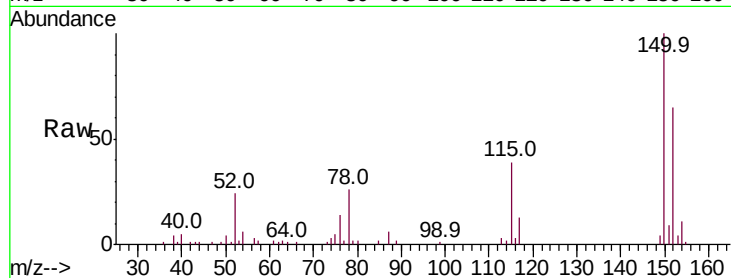
Tot Ion:152 Resp: 23934

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

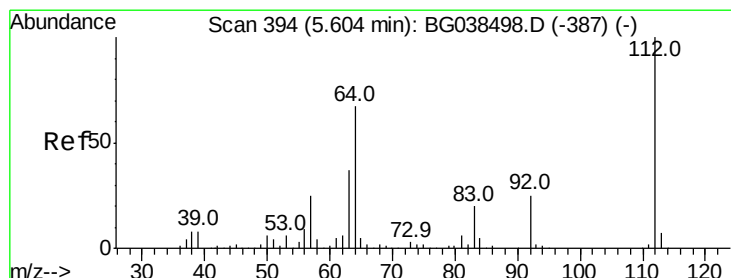
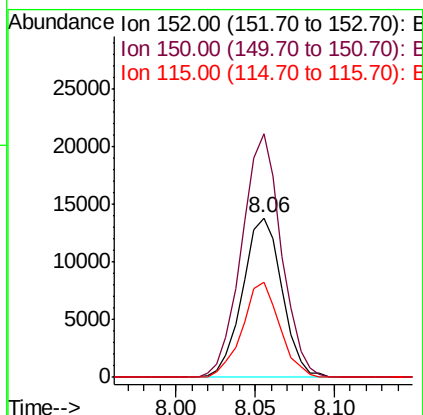
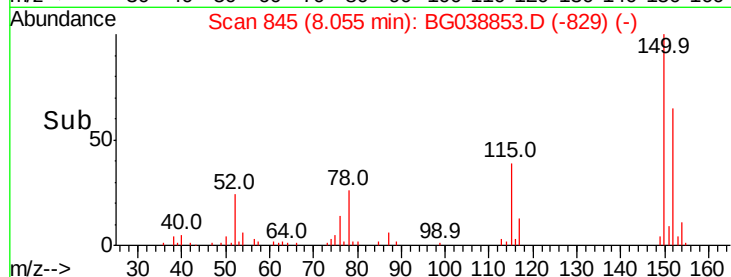
115 59.4 49.6 74.4



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: 31.373 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

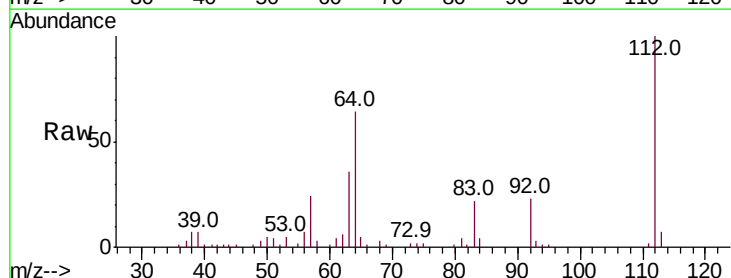
Tgt Ion:112 Resp: 42336

Ion Ratio Lower Upper

112 100

64 63.7 53.4 80.2

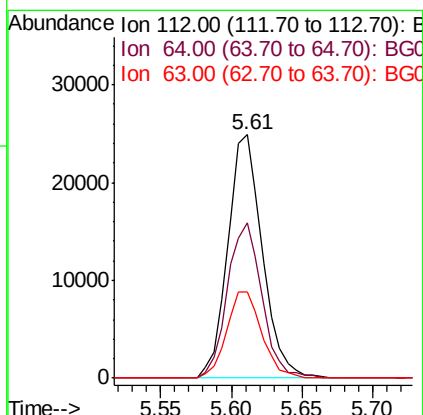
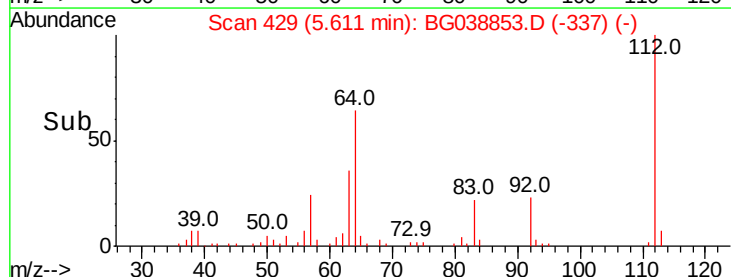
63 35.5 29.3 43.9

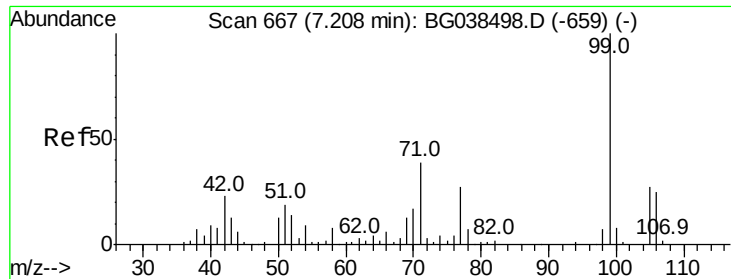


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 23.623 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

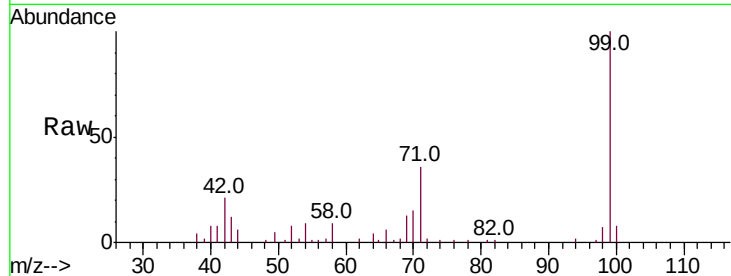
Tot Ion: 99 Resp: 43761

Ion Ratio Lower Upper

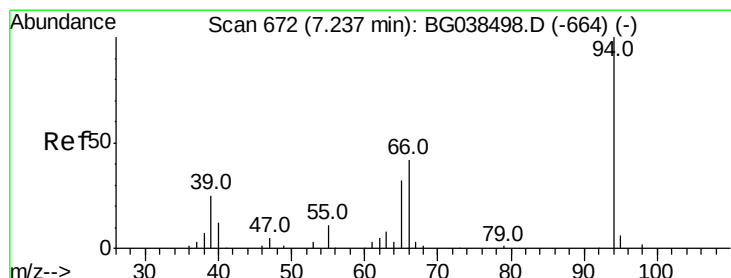
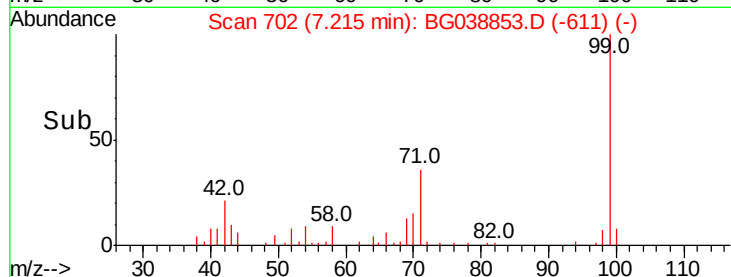
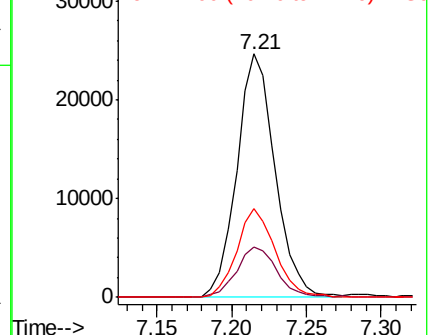
99 100

42 20.8 18.5 27.7

71 36.4 31.1 46.7



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: 8.426 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

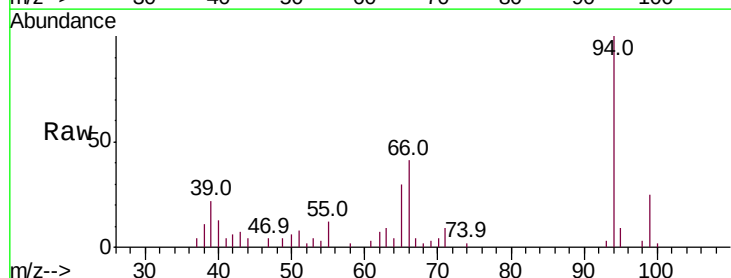
Tgt Ion: 94 Resp: 16584

Ion Ratio Lower Upper

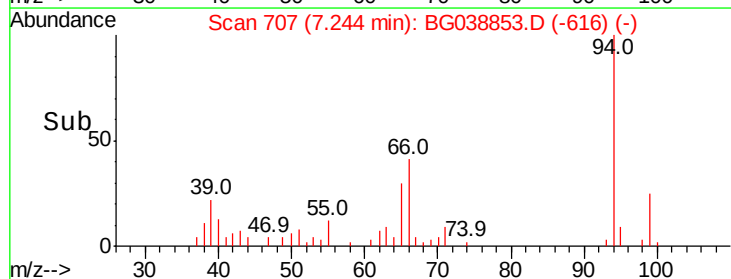
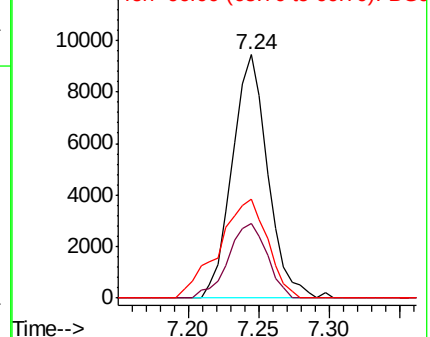
94 100

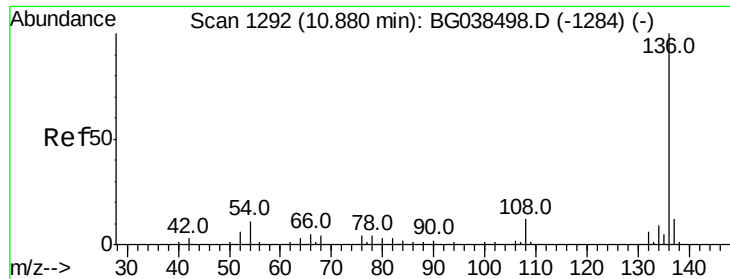
65 30.4 12.6 52.6

66 40.7 24.1 64.1



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

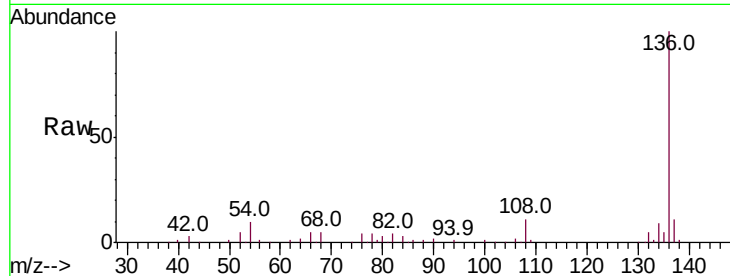




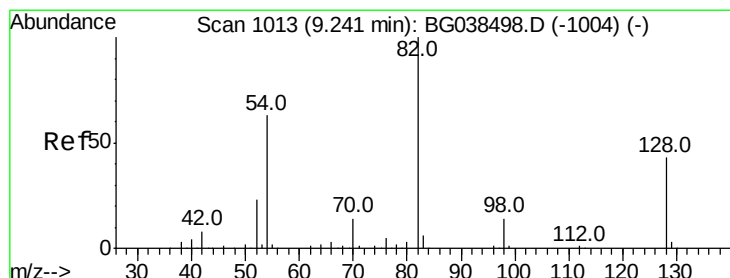
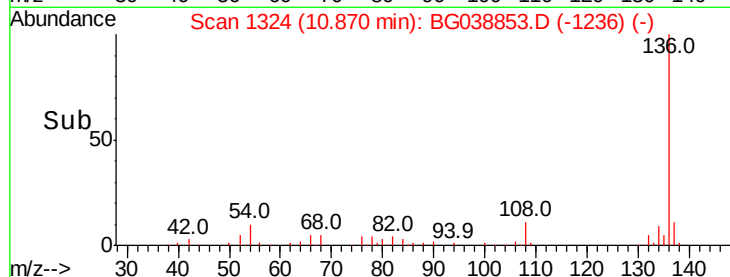
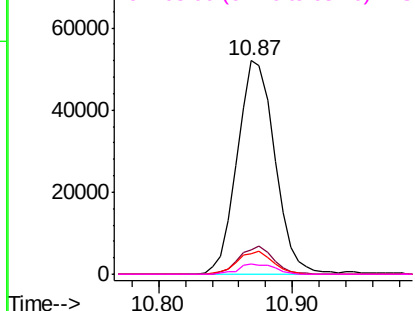
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:136	Resp:	101523
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.3 13.9
54	9.6	8.5 12.7
68	5.0	3.5 5.3

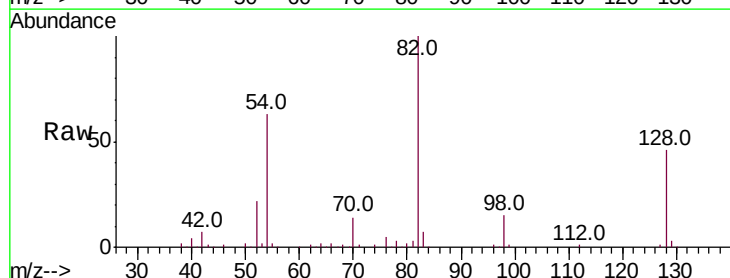


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

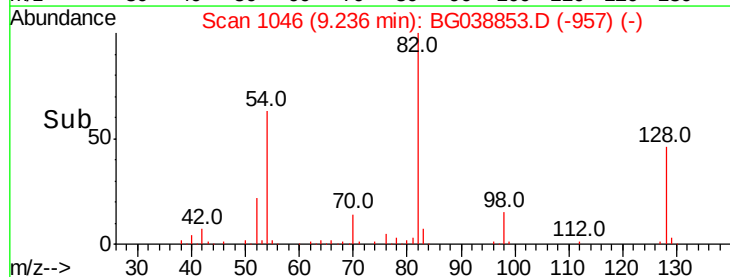
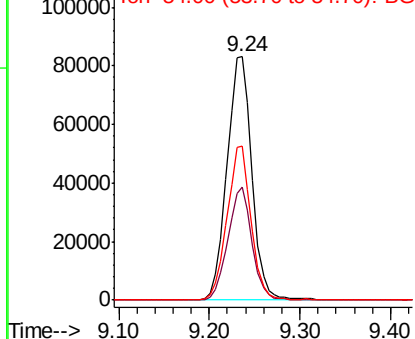


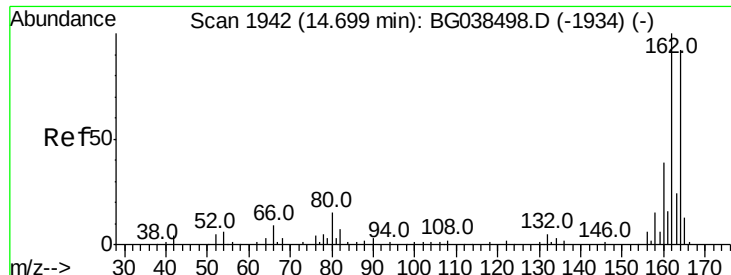
#23
Nitrobenzene-d5
Concen: 79.863 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion: 82	Resp:	158708
Ion Ratio	Lower	Upper
82	100	
128	46.2	34.6 52.0
54	63.0	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

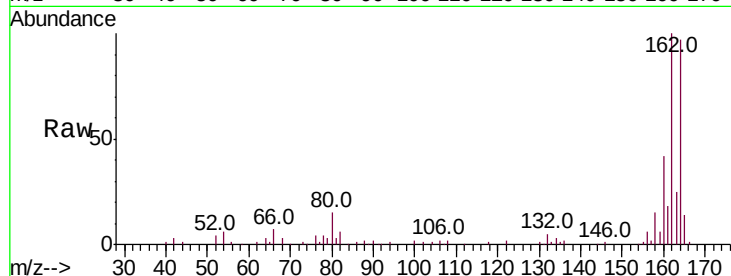
Tot Ion:164 Resp: 78513

Ion Ratio Lower Upper

164 100

162 103.0 86.6 130.0

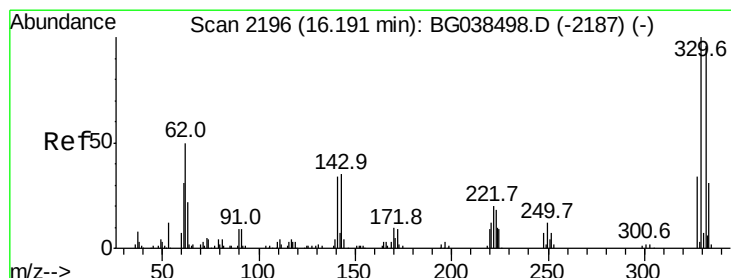
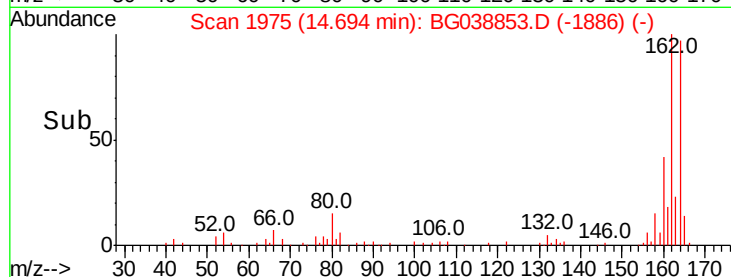
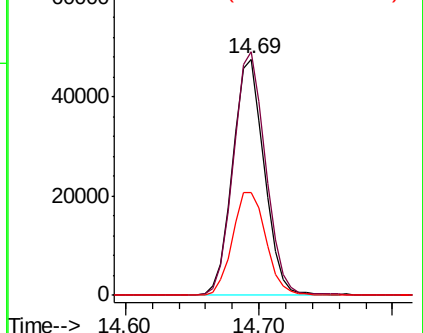
160 43.3 34.2 51.2



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: 81.810 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

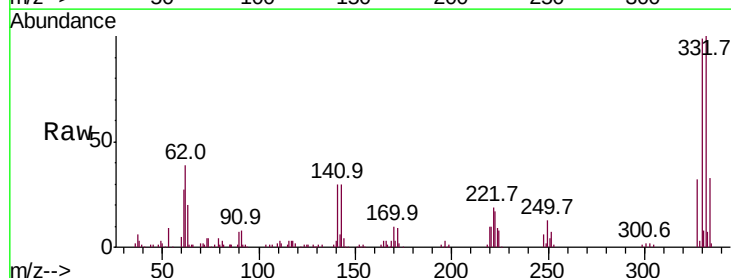
Tgt Ion:330 Resp: 88523

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

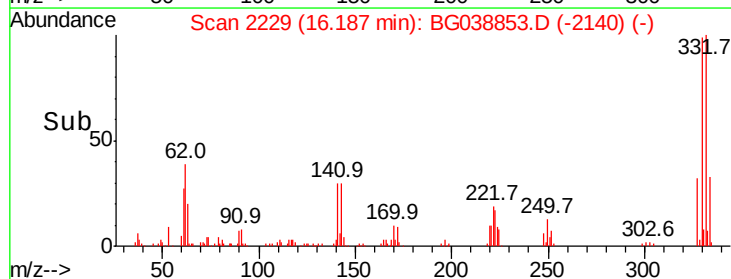
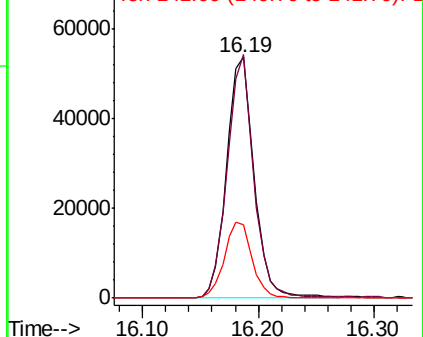
141 31.7 28.8 43.2

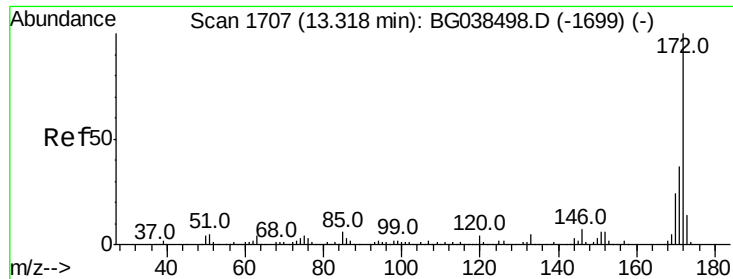


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

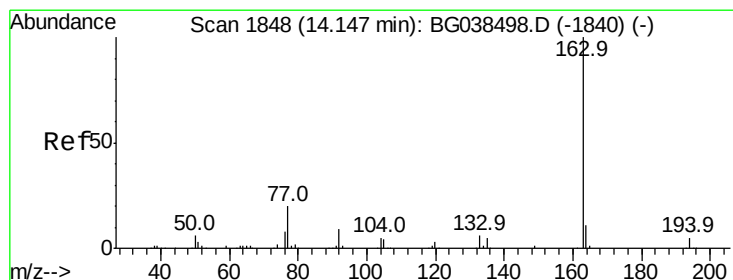
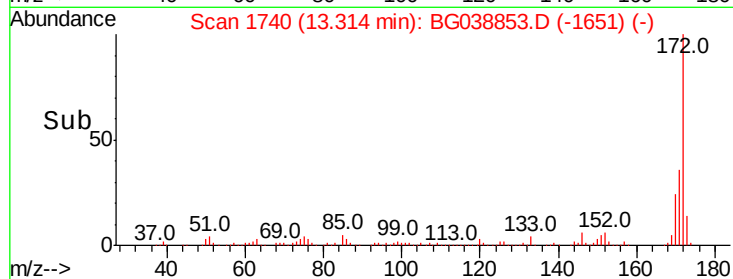
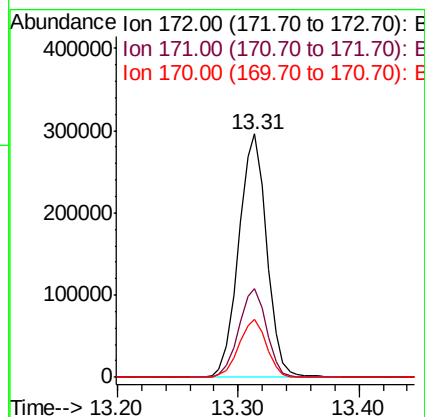
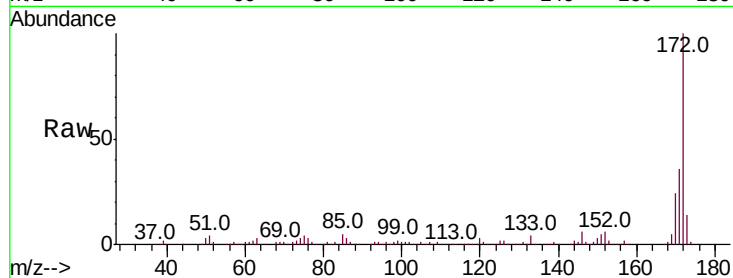




#45
2-Fluorobiphenyl
Concen: 83.649 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

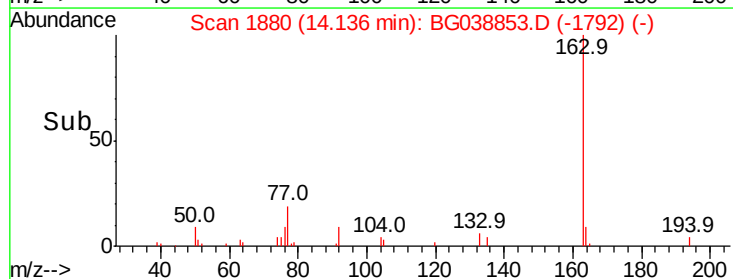
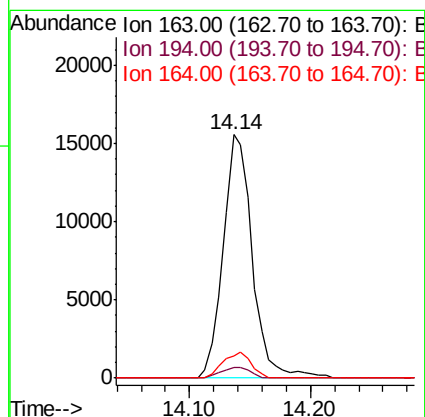
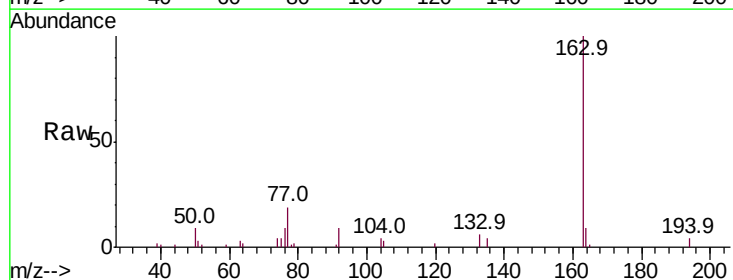
Instrument :
BNA_G
ClientSampleId :
MW-6

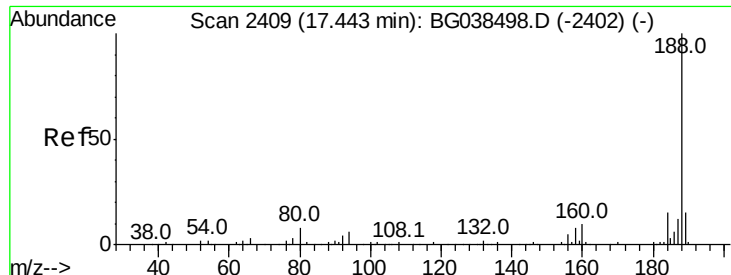
Tot Ion:172 Resp: 478737
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 4.036 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion:163 Resp: 25878
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 9.1 8.6 12.8

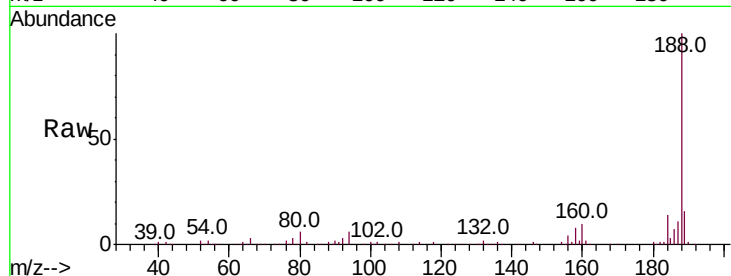




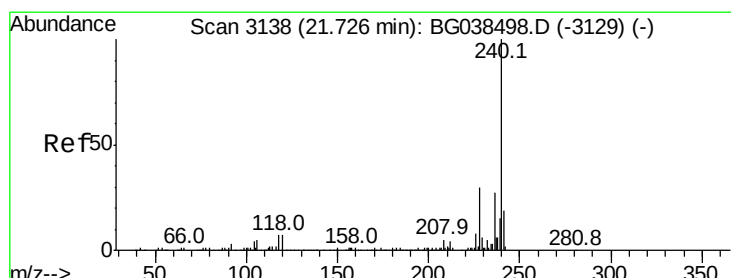
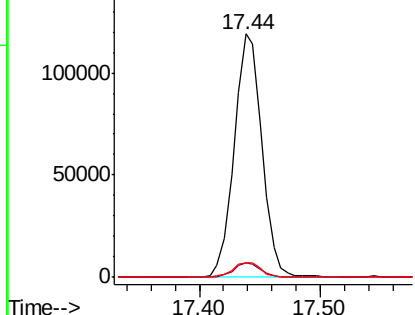
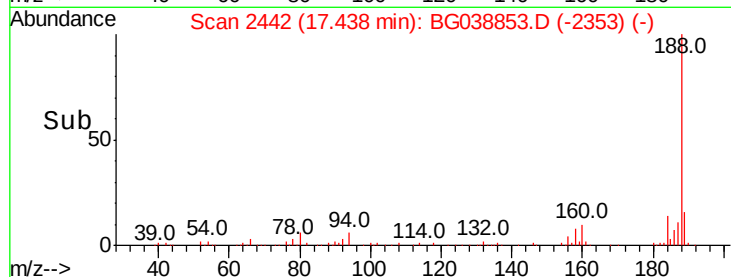
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	6.2	6.1	9.1

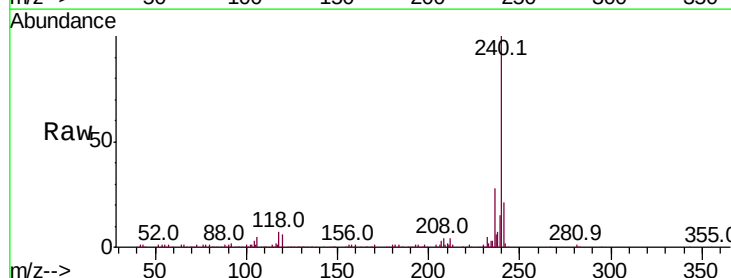


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

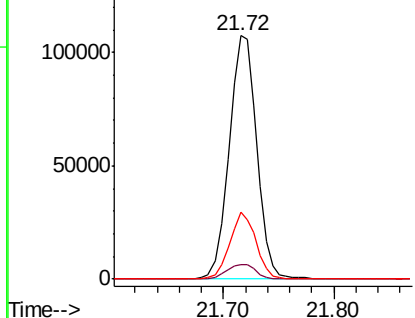
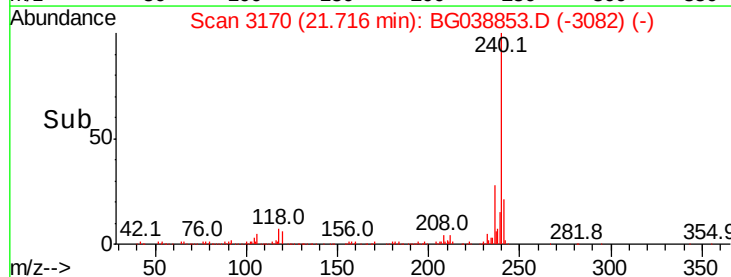


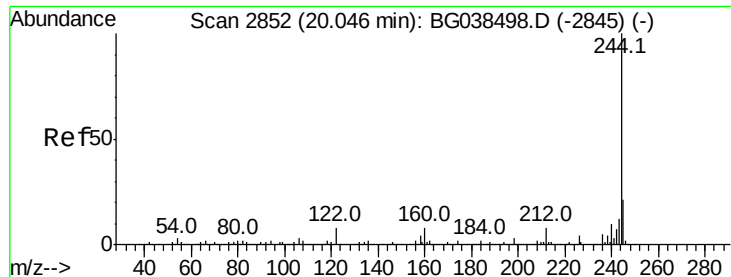
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.3	7.9
236	27.6	21.4	32.2



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: 95.706 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

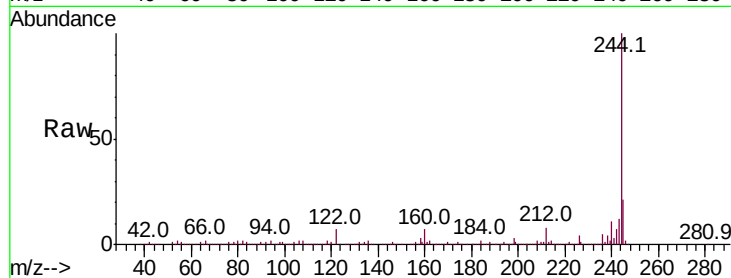
Tot Ion:244 Resp: 827446

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.1 6.3 9.5



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

800000

600000

400000

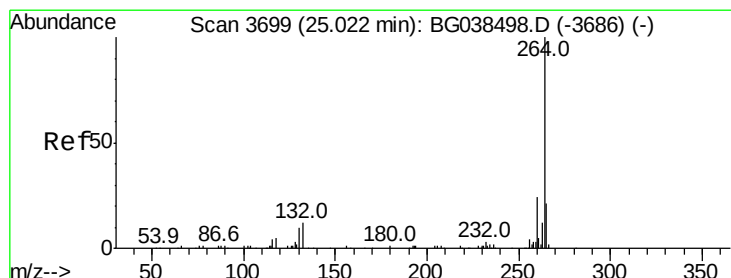
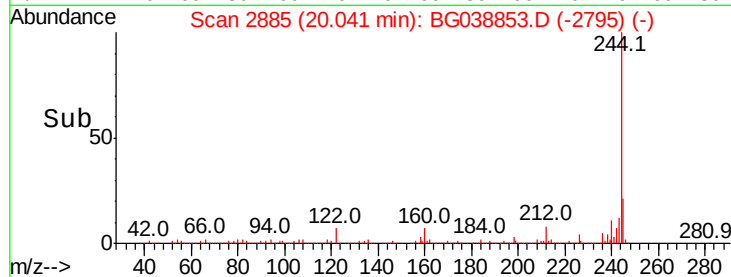
200000

0

20.04

20.00 20.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

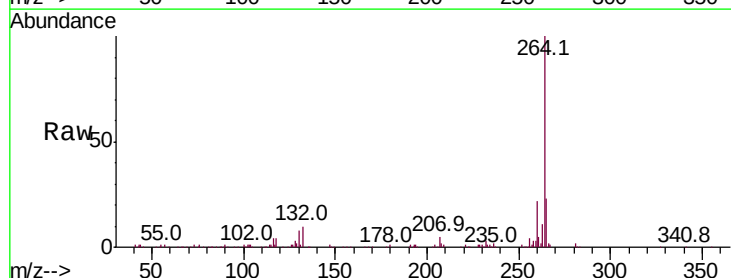
Tgt Ion:264 Resp: 199721

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 22.8 17.0 25.4



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

80000

60000

40000

20000

0

25.01

24.90 25.00 25.10

Time-->

