

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038878.D
 Acq On : 28 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6580-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 344

Quant Time: Dec 29 00:42:38 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

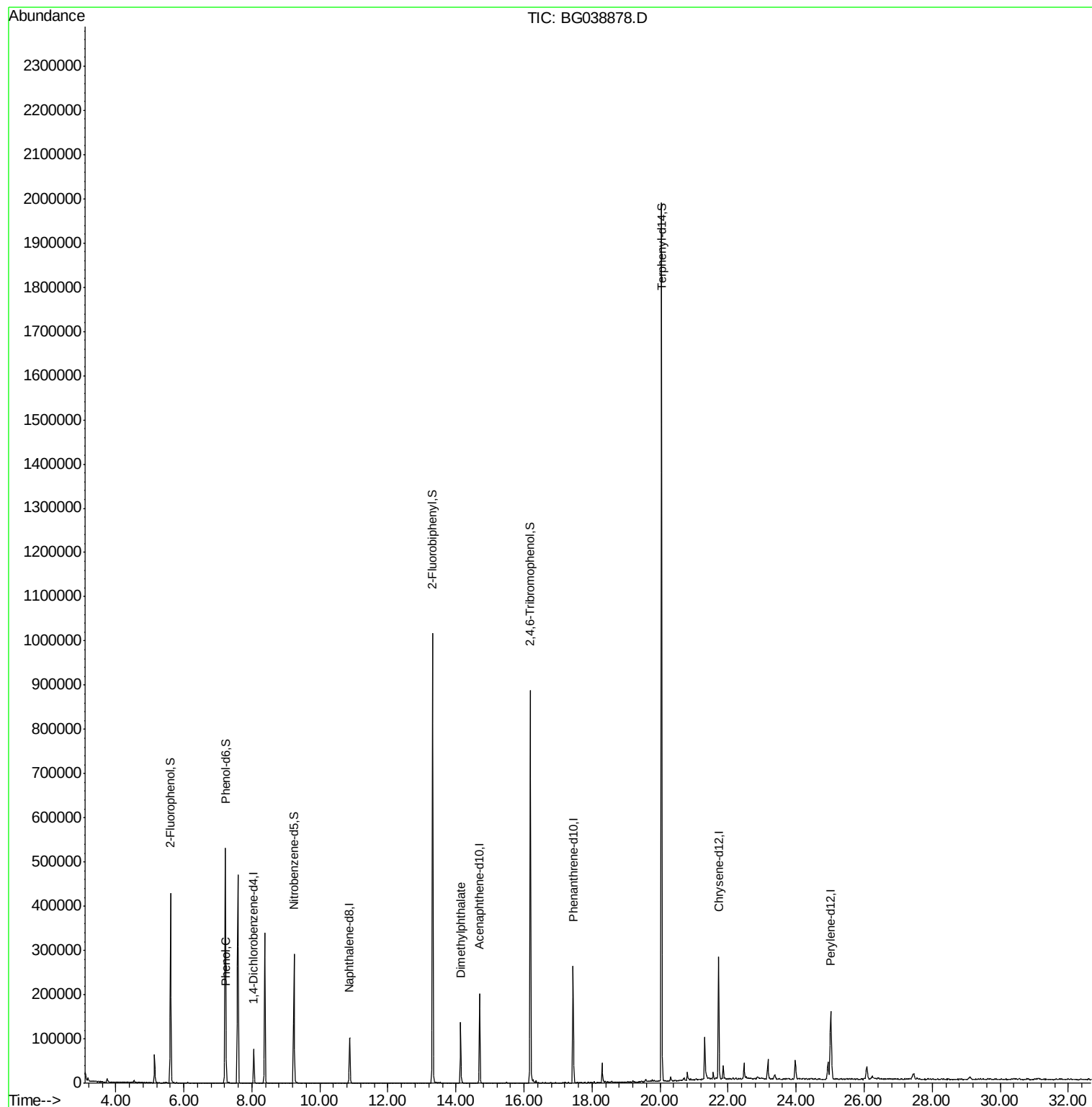
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22499	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97351	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75761	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182420	20.00	ng	0.00
76) Chrysene-d12	21.72	240	182554	20.00	ng	0.00
87) Perylene-d12	25.02	264	195997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	189316	149.24	ng	0.00
7) Phenol-d6	7.22	99	311666	178.97	ng	0.01
23) Nitrobenzene-d5	9.24	82	177166	92.97	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	190066	182.03	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	551302	99.83	ng	0.00
79) Terphenyl-d14	20.04	244	971108	115.77	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6280	3.394	ng	82
50) Dimethylphthalate	14.14	163	99009	16.003	ng	100

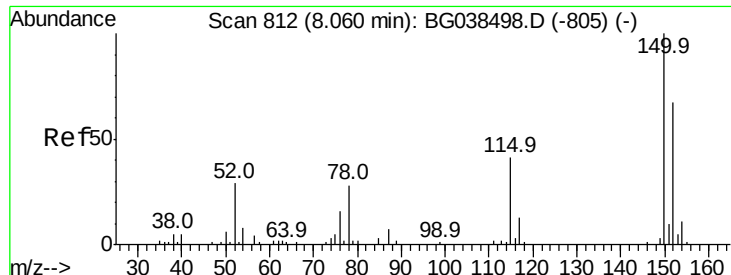
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampled :

344

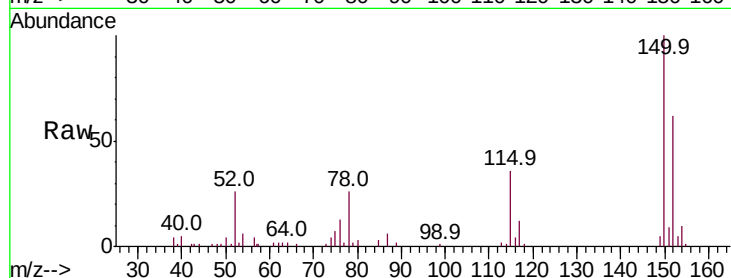
Tot Ion:152 Resp: 22499

Ion Ratio Lower Upper

152 100

150 162.4 119.5 179.3

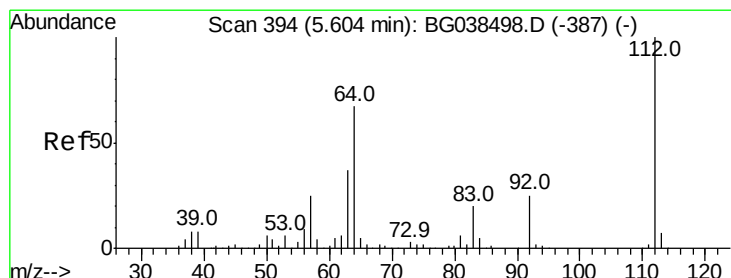
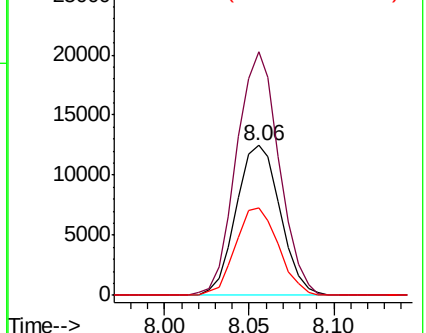
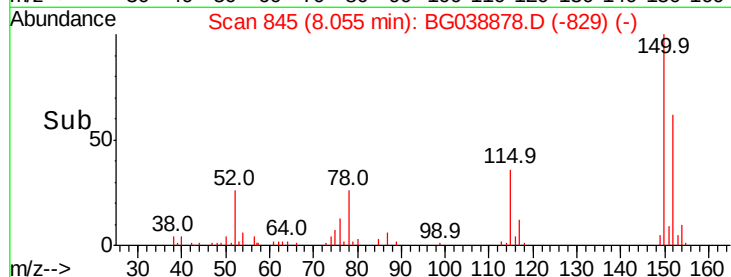
115 58.4 49.6 74.4



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: 149.242 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

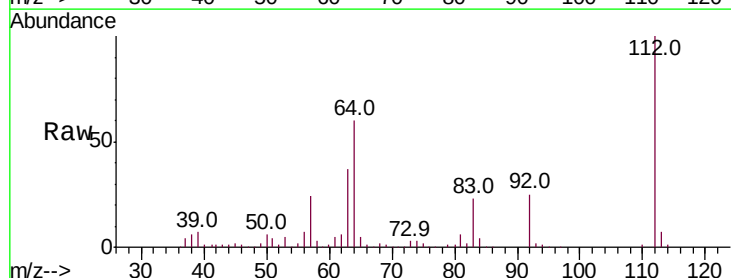
Tgt Ion:112 Resp: 189316

Ion Ratio Lower Upper

112 100

64 60.5 53.4 80.2

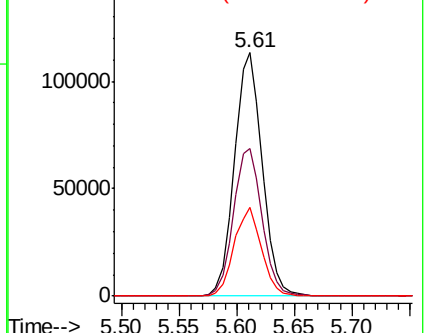
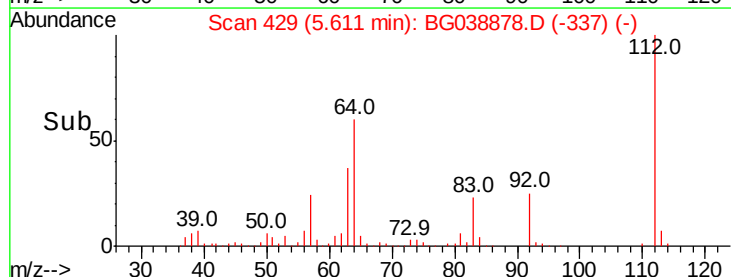
63 36.6 29.3 43.9

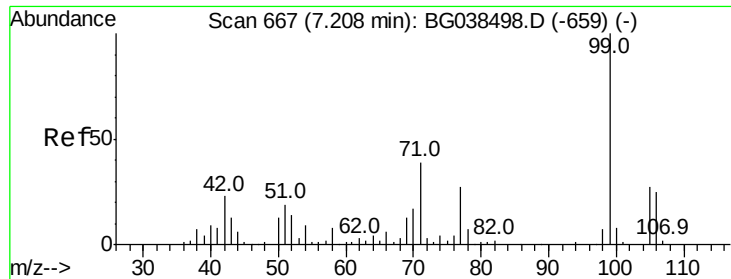


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 178.972 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

344

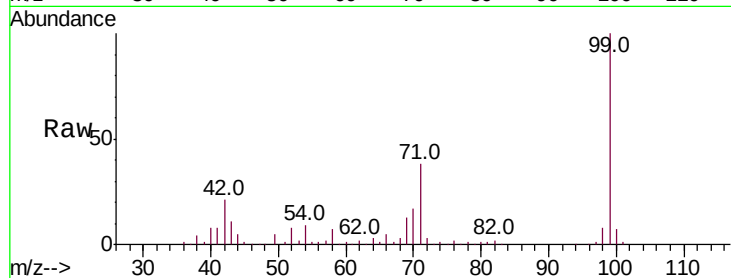
Tot Ion: 99 Resp: 311666

Ion Ratio Lower Upper

99 100

42 20.9 18.5 27.7

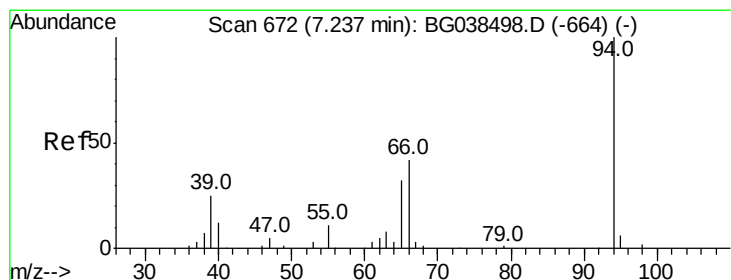
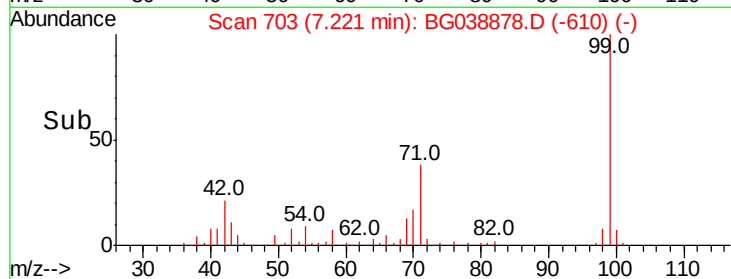
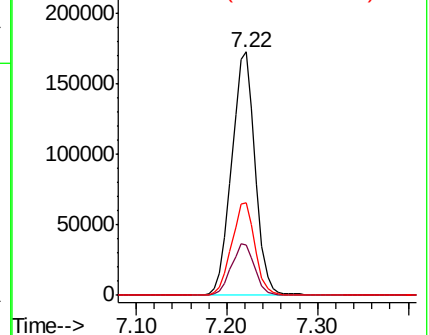
71 37.9 31.1 46.7



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: 3.394 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

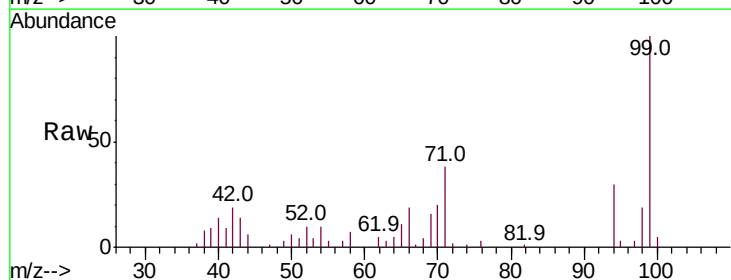
Tgt Ion: 94 Resp: 6280

Ion Ratio Lower Upper

94 100

65 36.5 12.6 52.6

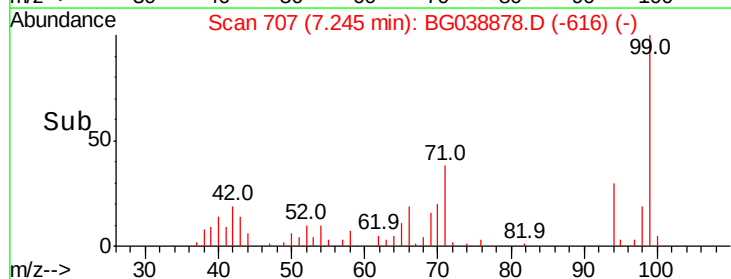
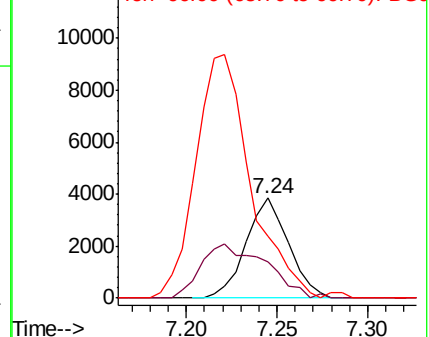
66 61.2 24.1 64.1

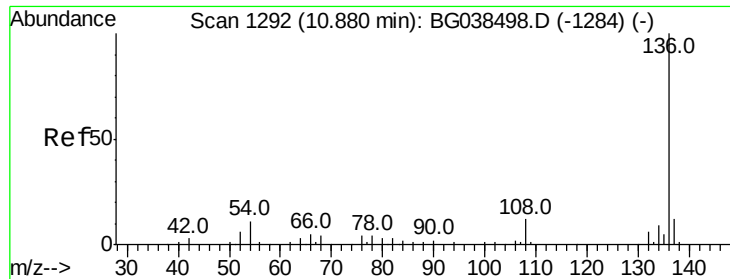


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

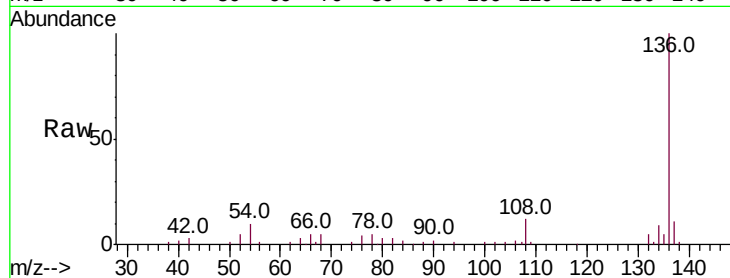




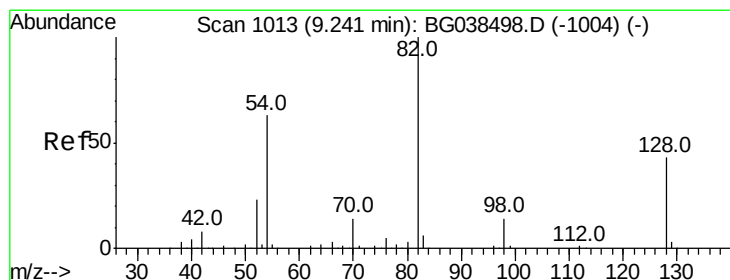
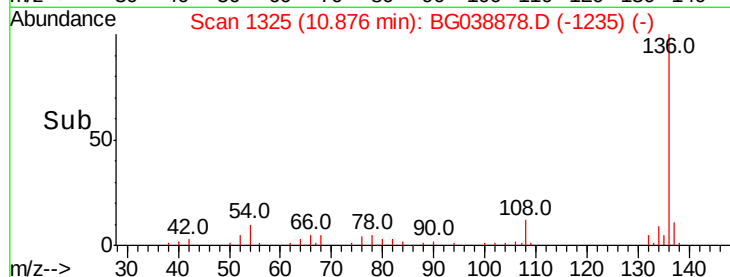
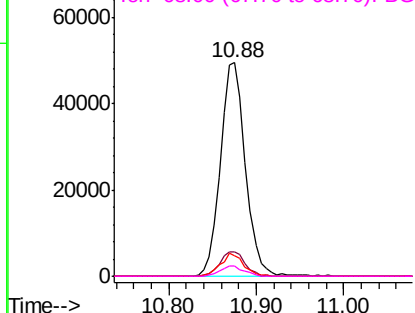
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :
344

Tot Ion:	136	Resp:	97351
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.6	8.5	12.7
68	4.9	3.5	5.3

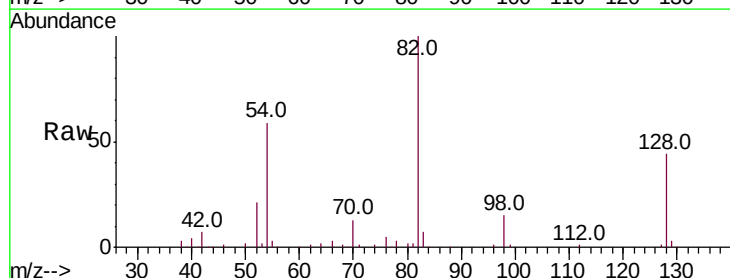


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

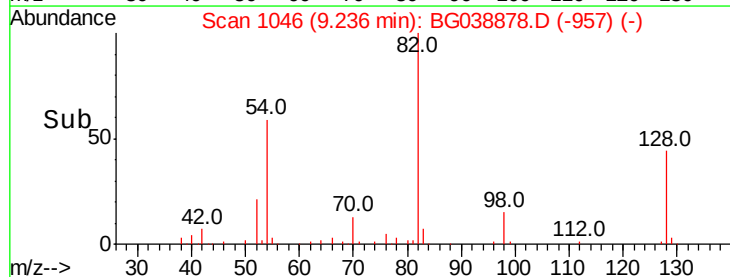
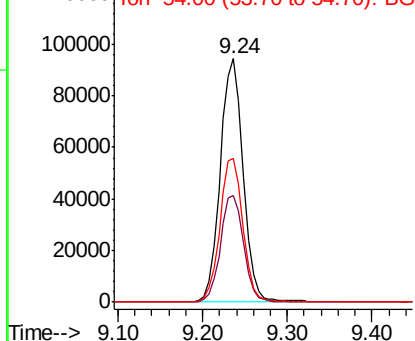


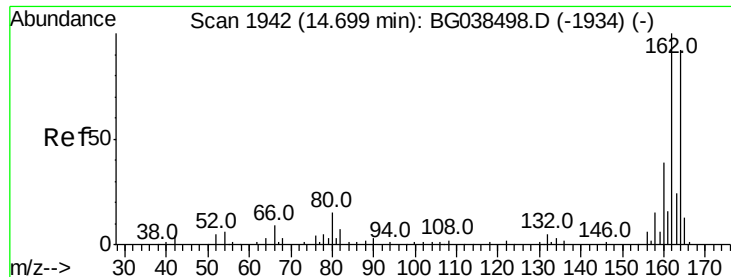
#23
Nitrobenzene-d5
Concen: 92.972 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Tgt Ion:	82	Resp:	177166
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	58.8	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: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

344

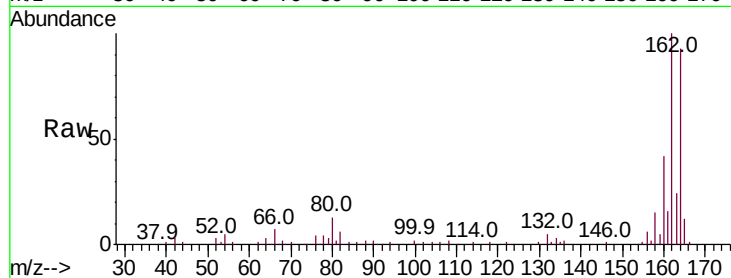
Tot Ion:164 Resp: 75761

Ion Ratio Lower Upper

164 100

162 107.5 86.6 130.0

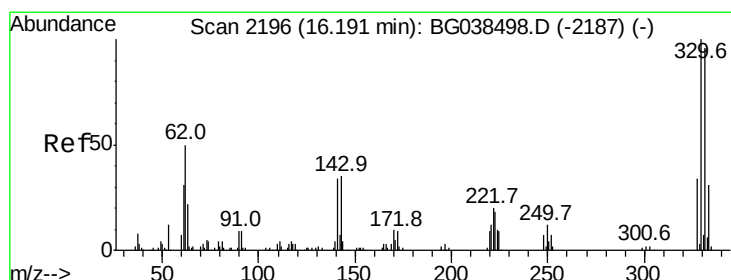
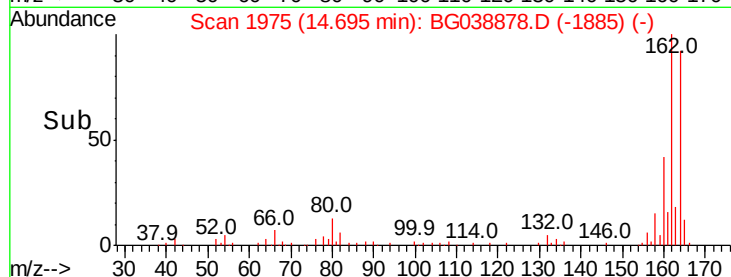
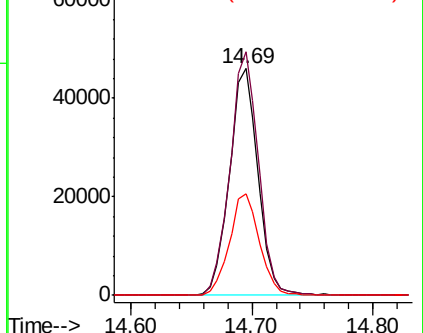
160 45.0 34.2 51.2



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: 182.034 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

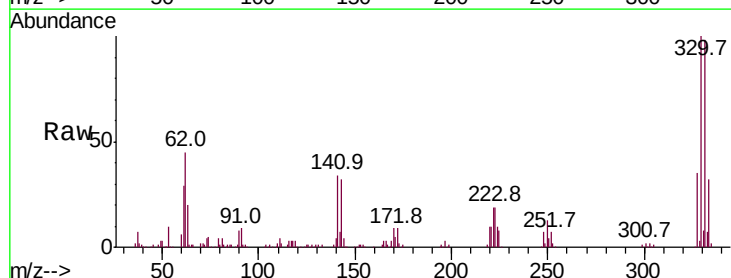
Tgt Ion:330 Resp: 190066

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

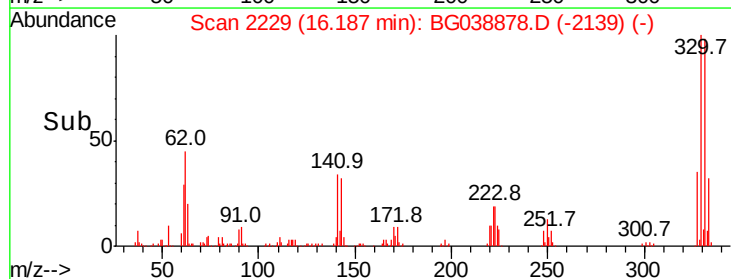
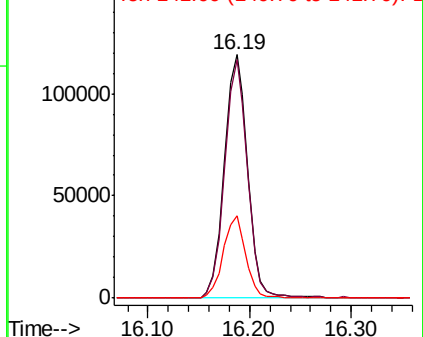
141 32.6 28.8 43.2

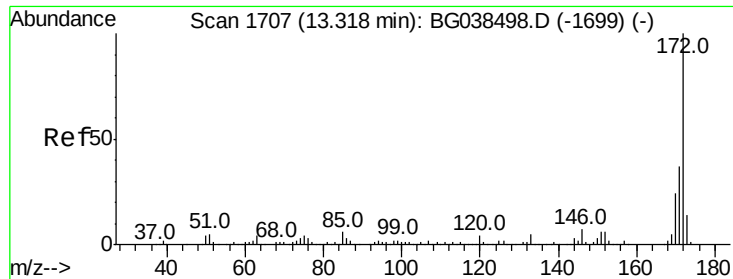


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

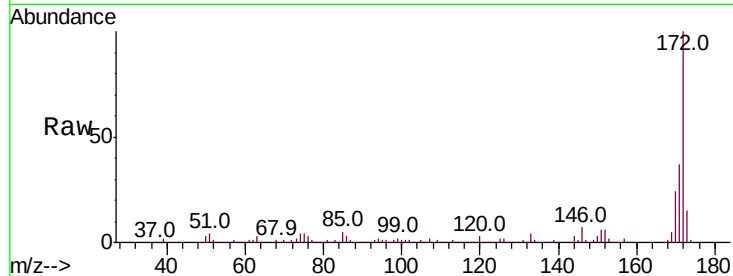




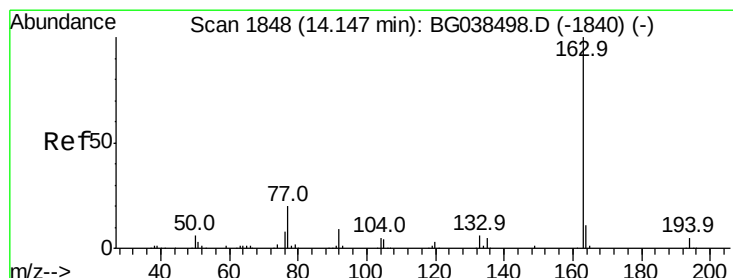
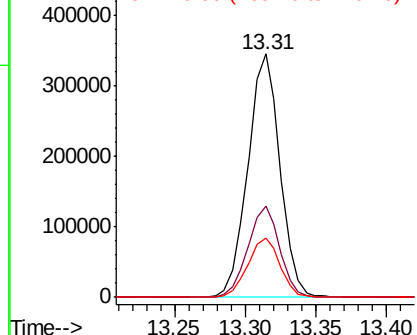
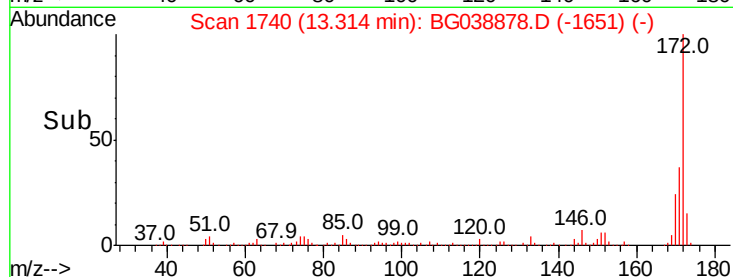
#45
 2-Fluorobiphenyl
 Concen: 99.827 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038878.D
 Acq: 28 Dec 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 344

Tot Ion:172 Resp: 551302
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 24.5 19.5 29.3

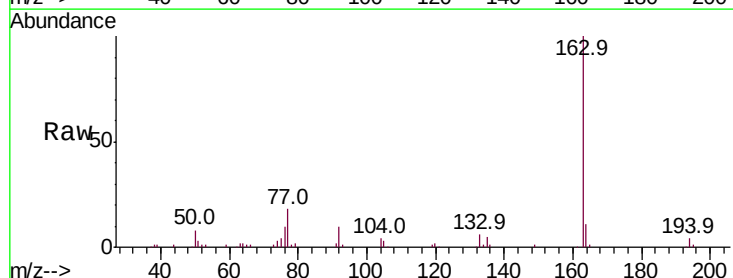


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

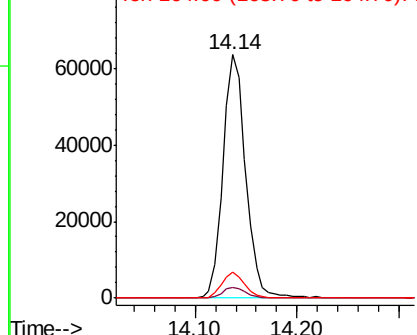
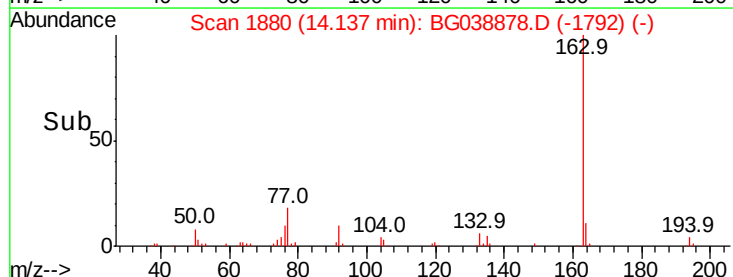


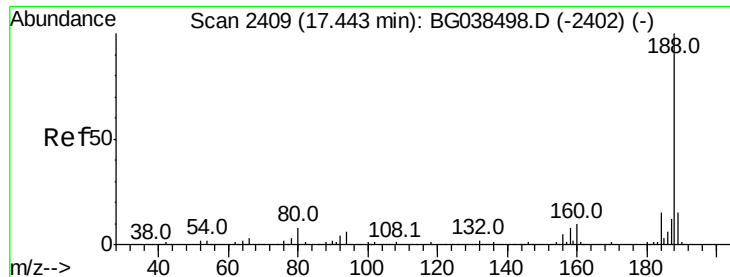
#50
 Dimethylphthalate
 Concen: 16.003 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038878.D
 Acq: 28 Dec 2018 17:53

Tgt Ion:163 Resp: 99009
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.7 5.5
 164 10.7 8.6 12.8



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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

344

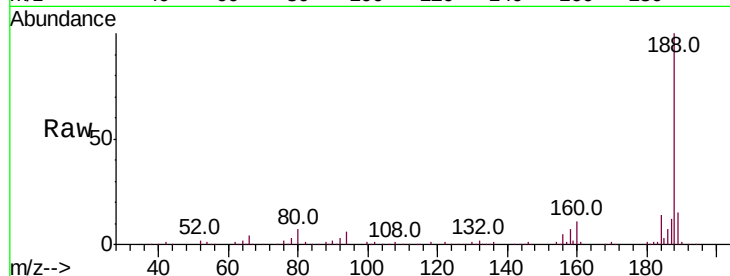
Tot Ion:188 Resp: 182420

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

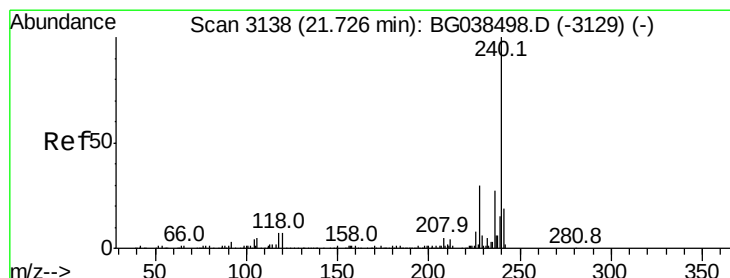
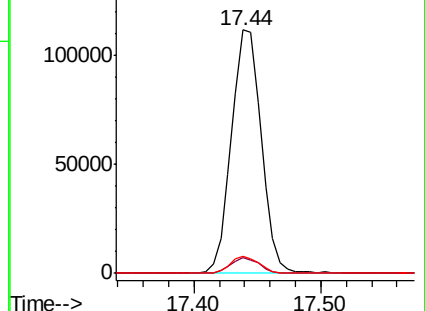
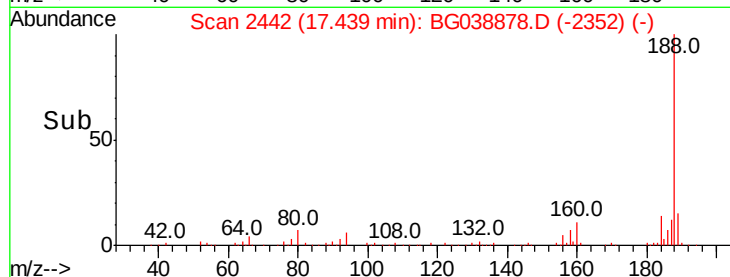
80 6.9 6.1 9.1



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# 3171

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

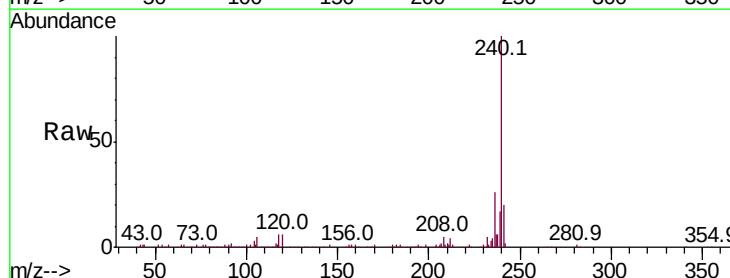
Tgt Ion:240 Resp: 182554

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

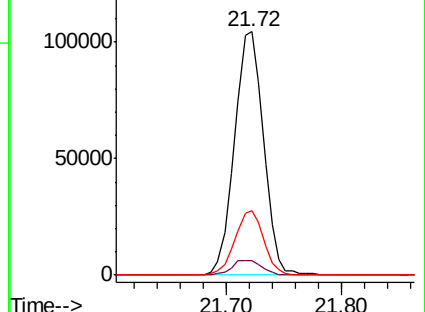
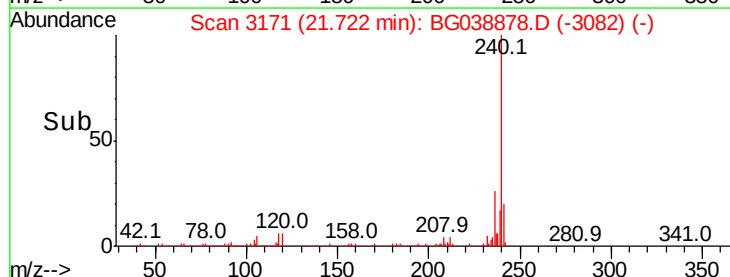
236 26.4 21.4 32.2

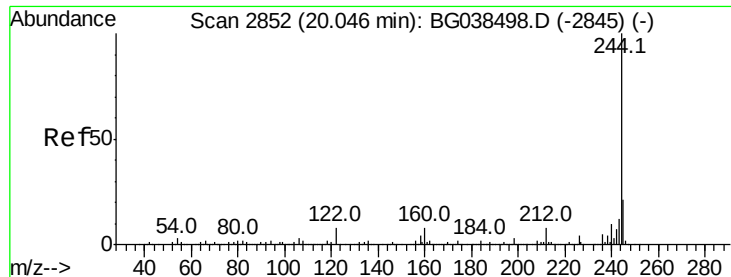


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.771 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

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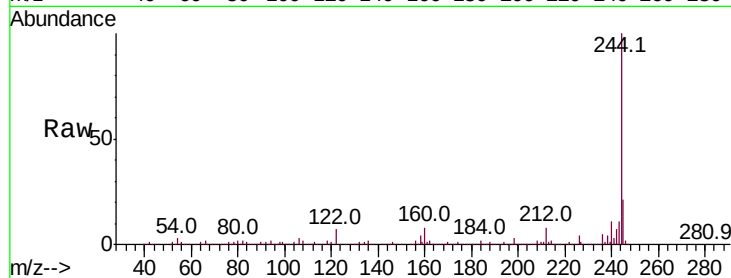
Tot Ion:244 Resp: 971108

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

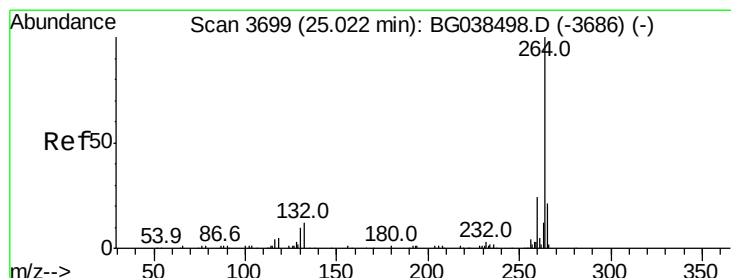
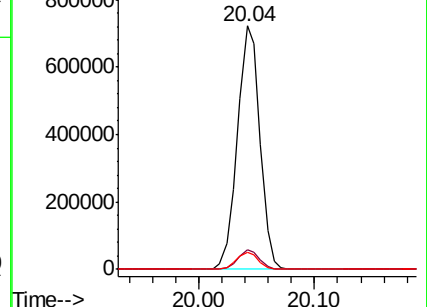
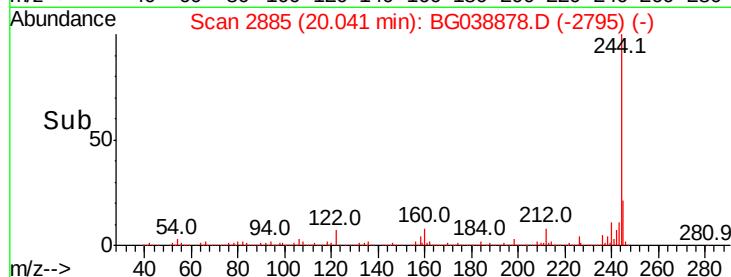
122 7.3 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

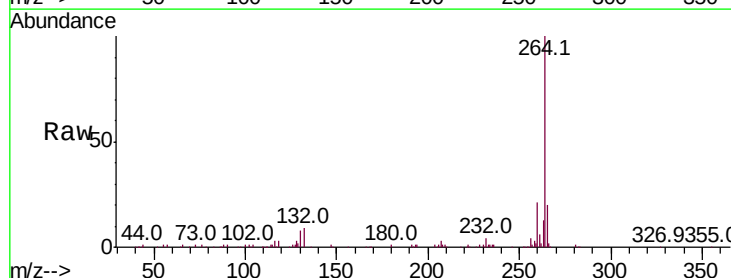
Tgt Ion:264 Resp: 195997

Ion Ratio Lower Upper

264 100

260 21.3 18.9 28.3

265 20.2 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

