

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038627.D
 Acq On : 16 Dec 2018 6:09
 Operator : JU/SJ
 Sample : J6378-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD008-0612-01

Quant Time: Dec 17 03:03:33 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

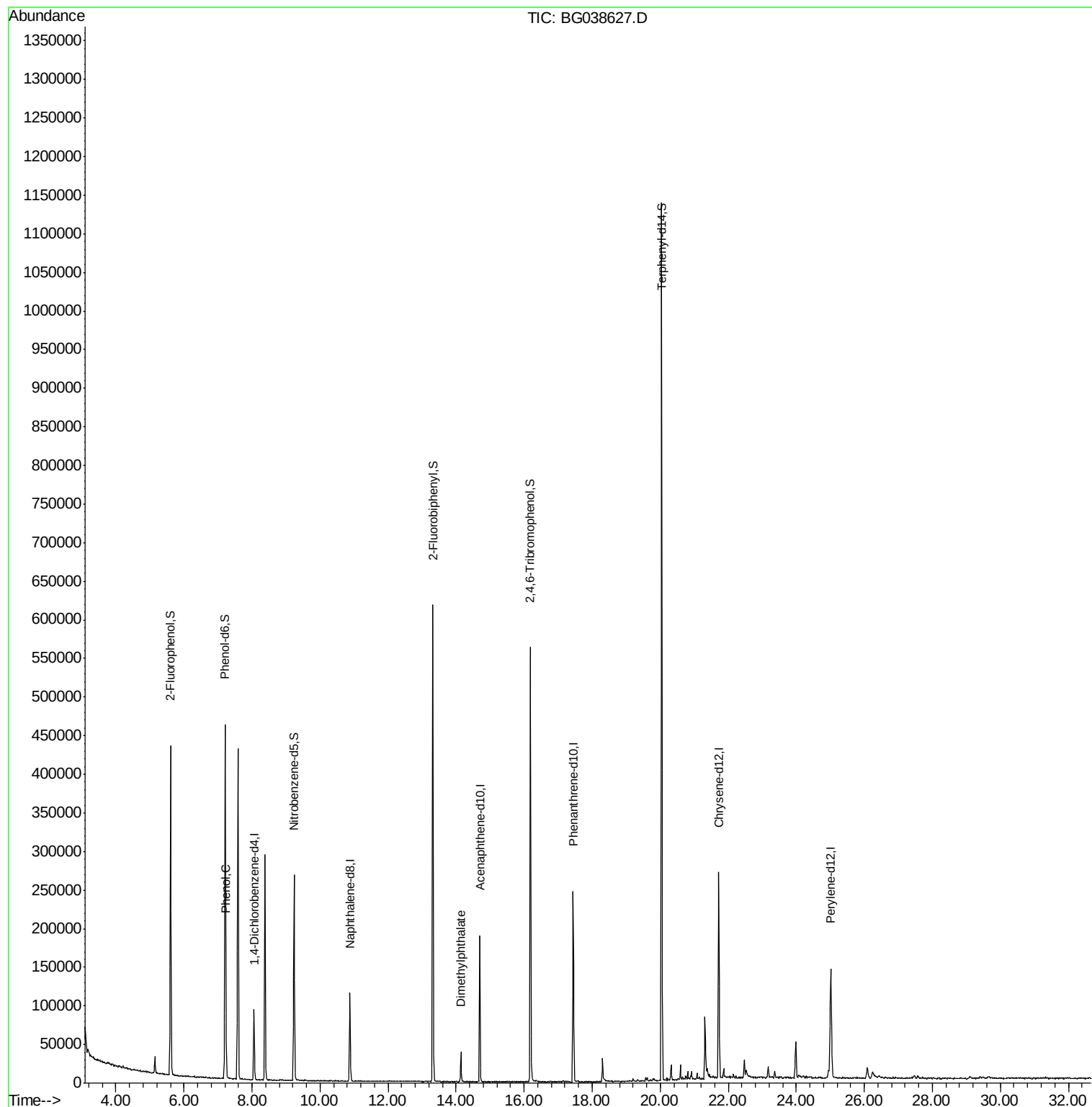
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24785	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	103277	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67313	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	165094	20.00	ng	0.00
76) Chrysene-d12	21.72	240	167537	20.00	ng	0.00
87) Perylene-d12	25.01	264	175744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	179980	128.80	ng	0.00
7) Phenol-d6	7.21	99	253723	132.26	ng	0.00
23) Nitrobenzene-d5	9.23	82	161083	79.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	108697	117.17	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	335554	68.39	ng	0.00
79) Terphenyl-d14	20.04	244	559854	72.73	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15842	7.773	ng	83
50) Dimethylphthalate	14.14	163	29139	5.301	ng	# 97

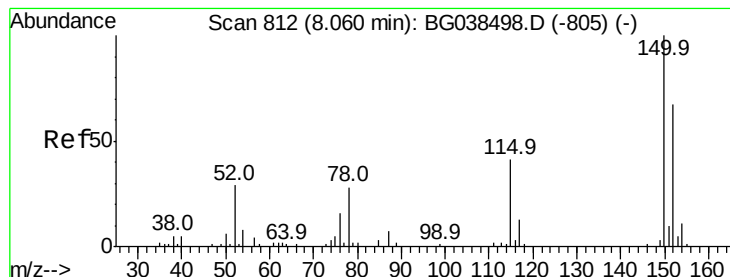
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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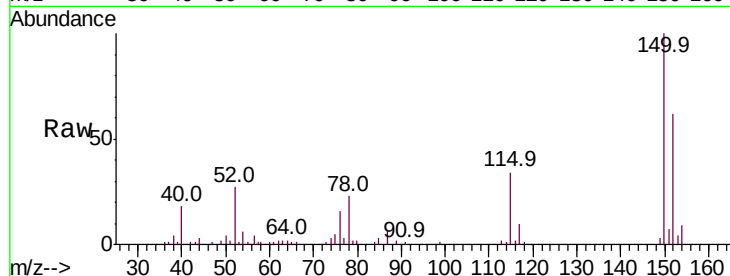


#1

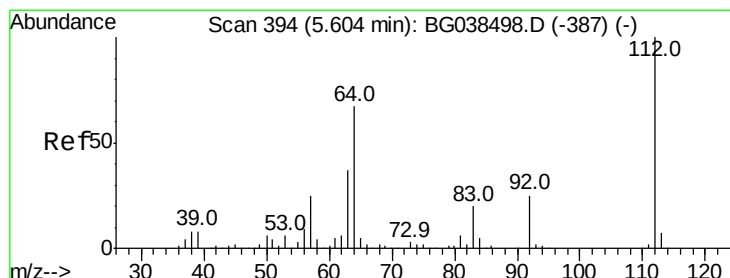
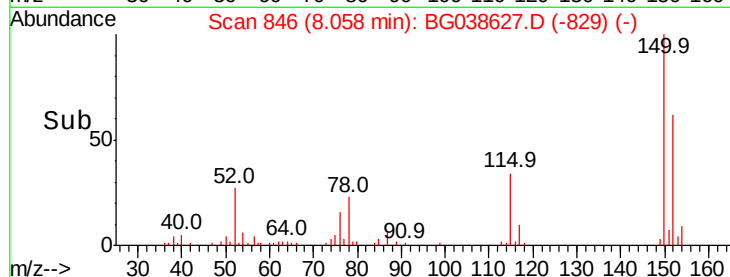
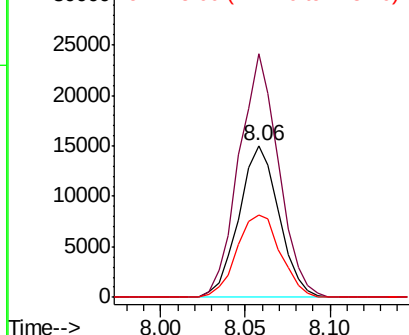
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038627.D
Acq: 16 Dec 2018 6:09

Instrument :
BNA_G
ClientSampleId :
P001-SD008-0612-01

Tot Ion:152 Resp: 24785
Ion Ratio Lower Upper
152 100
150 160.2 119.5 179.3
115 54.5 49.6 74.4



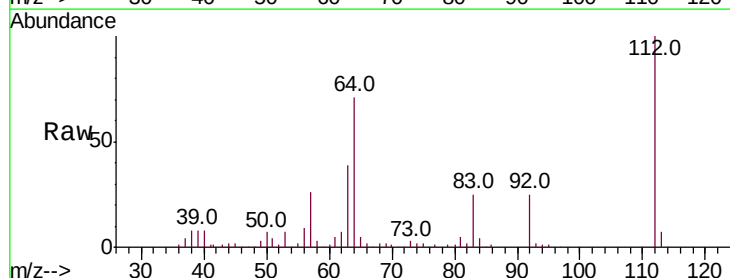
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



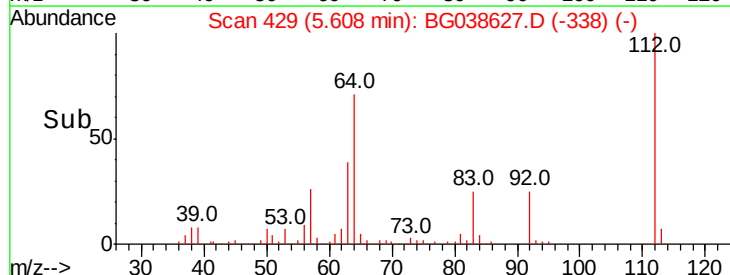
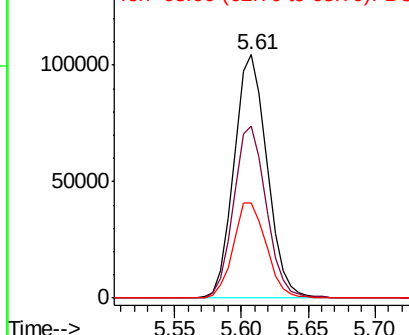
#5

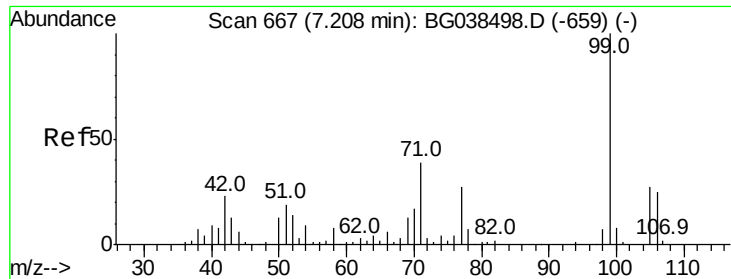
2-Fluorophenol
Concen: 128.796 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038627.D
Acq: 16 Dec 2018 6:09

Tgt Ion:112 Resp: 179980
Ion Ratio Lower Upper
112 100
64 70.7 53.4 80.2
63 39.0 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: 132.260 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

Instrument :

BNA_G

ClientSampleId :

P001-SD008-0612-01

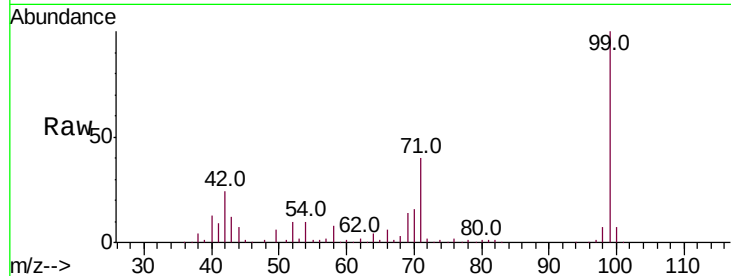
Tot Ion: 99 Resp: 253723

Ion Ratio Lower Upper

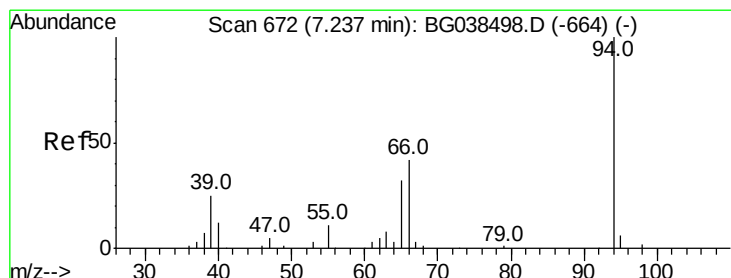
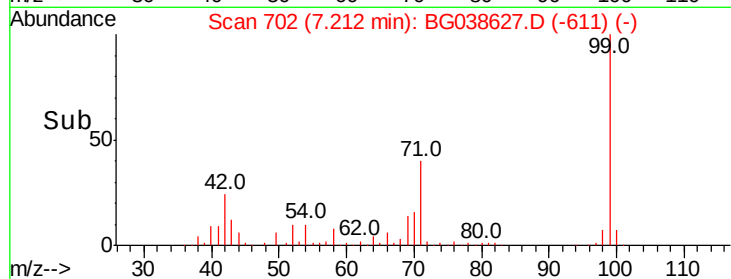
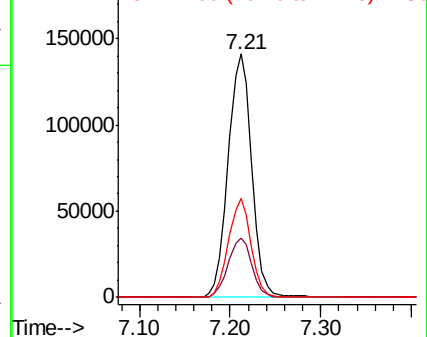
99 100

42 24.3 18.5 27.7

71 40.5 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: 7.773 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

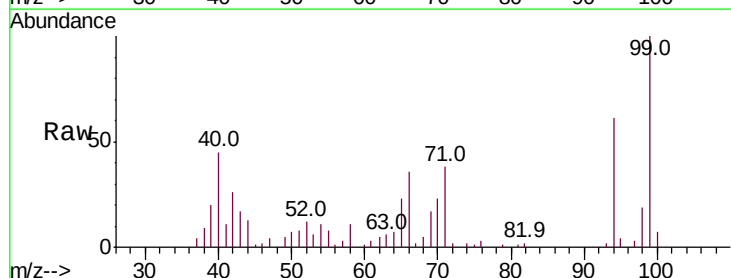
Tgt Ion: 94 Resp: 15842

Ion Ratio Lower Upper

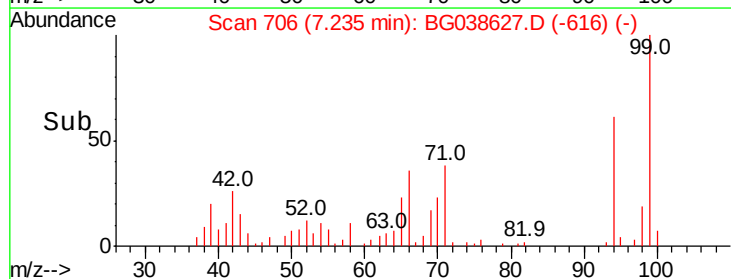
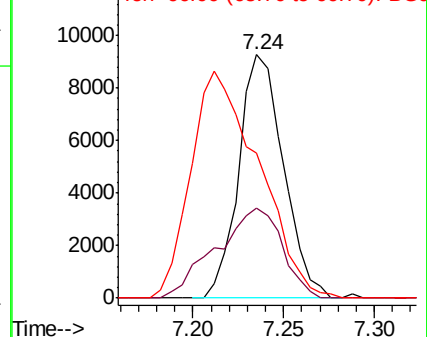
94 100

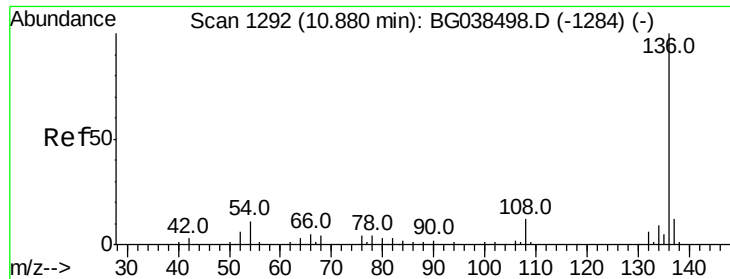
65 37.2 12.6 52.6

66 59.7 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

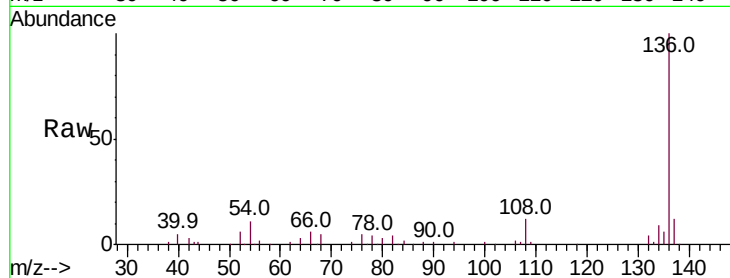




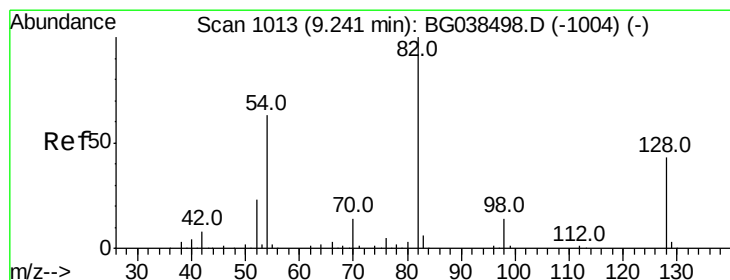
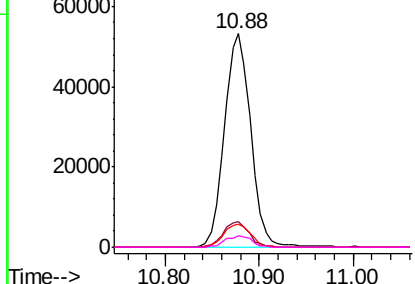
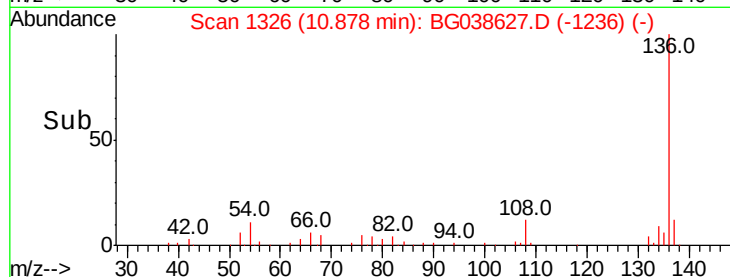
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038627.D
Acq: 16 Dec 2018 6:09

Instrument :
BNA_G
ClientSampleId :
P001-SD008-0612-01

Tot Ion:136	Resp:	103277
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.3 13.9
54	11.1	8.5 12.7
68	5.4	3.5 5.3#

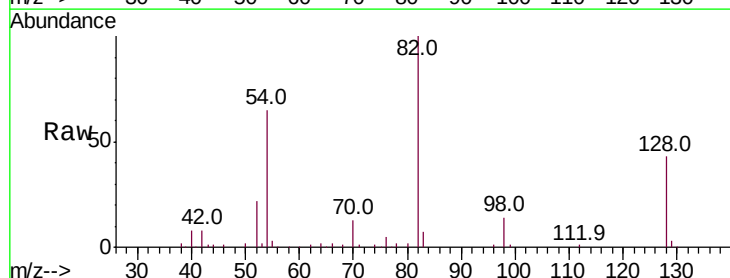


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

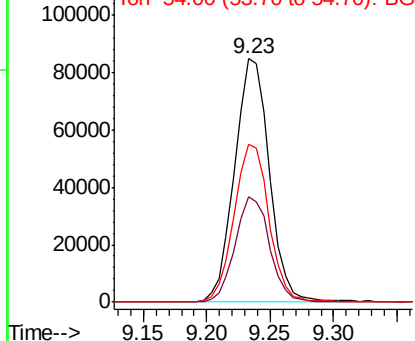
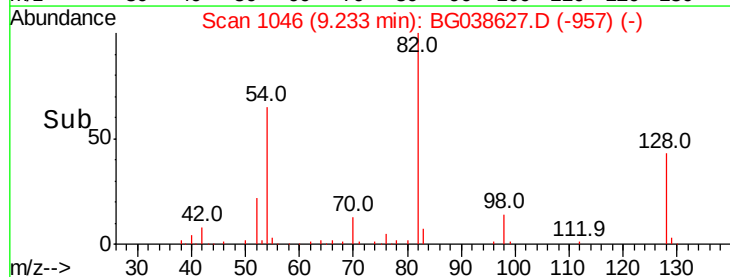


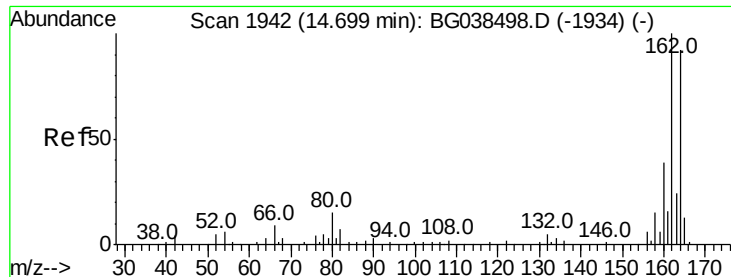
#23
Nitrobenzene-d5
Concen: 79.682 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038627.D
Acq: 16 Dec 2018 6:09

Tgt Ion: 82	Resp:	161083
Ion Ratio	Lower	Upper
82	100	
128	43.2	34.6 52.0
54	64.7	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

Instrument :

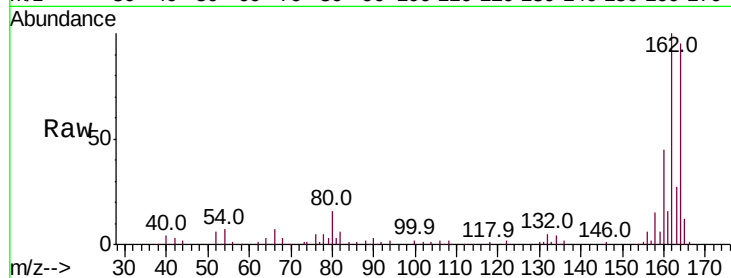
BNA_G

ClientSampleId :

P001-SD008-0612-01

Tot Ion:164 Resp: 67313

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.6	130.0
160	47.8	34.2	51.2

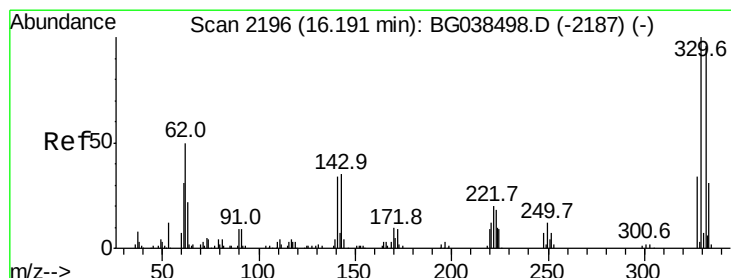
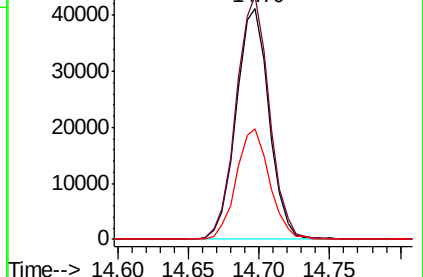
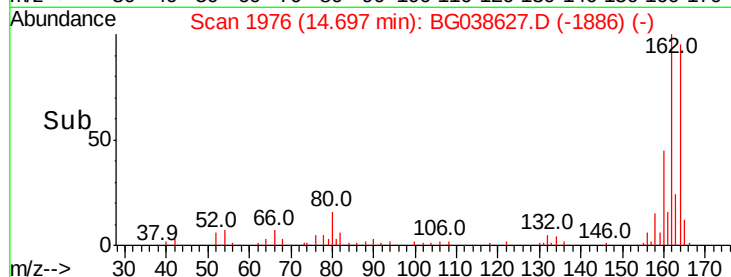


Abundance

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: 117.169 ng

RT: 16.18 min Scan# 2229

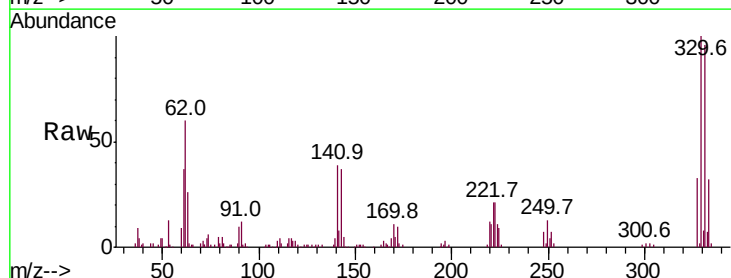
Delta R.T. -0.01 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

Tgt Ion:330 Resp: 108697

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	37.3	28.8	43.2

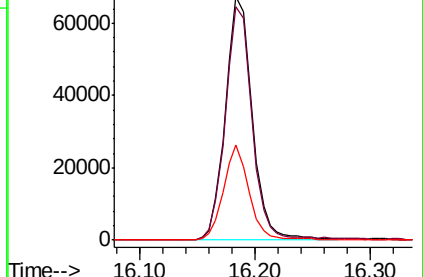
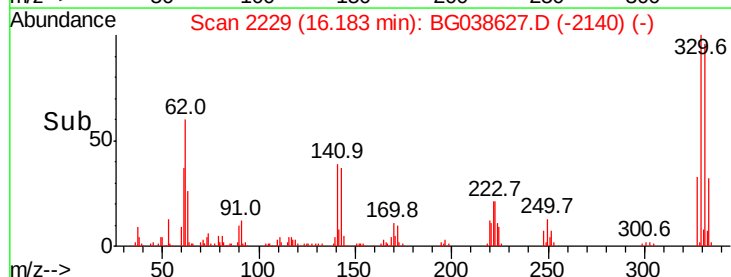


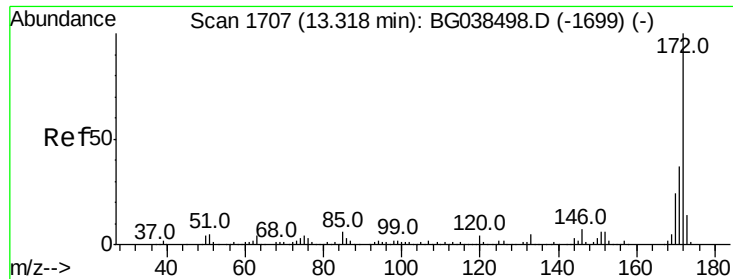
Abundance

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

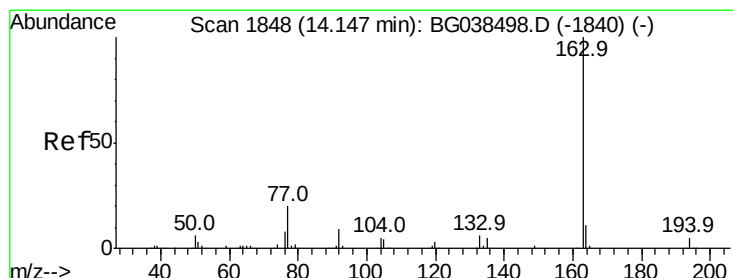
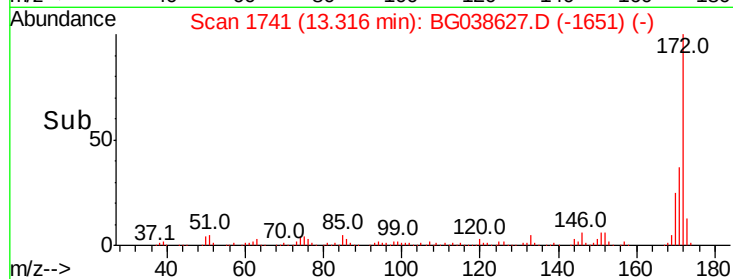
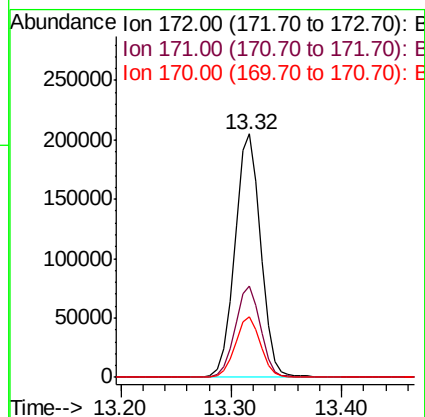
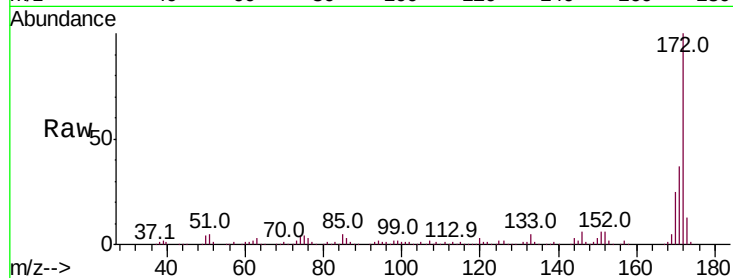




#45
 2-Fluorobiphenyl
 Concen: 68.386 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038627.D
 Acq: 16 Dec 2018 6:09

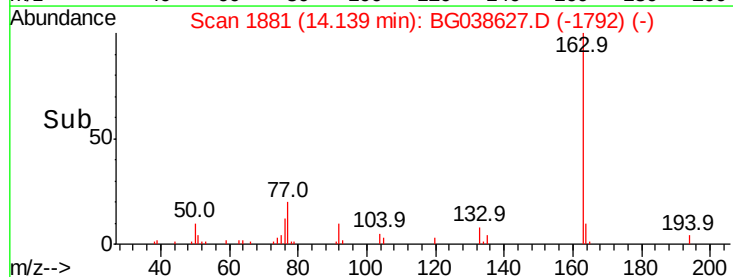
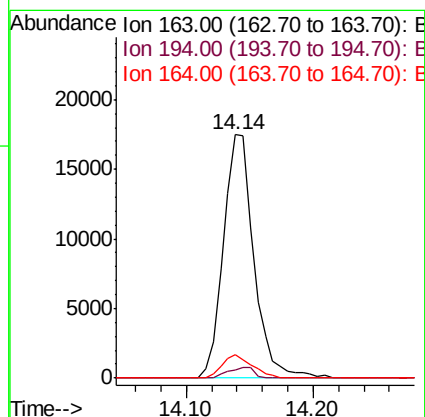
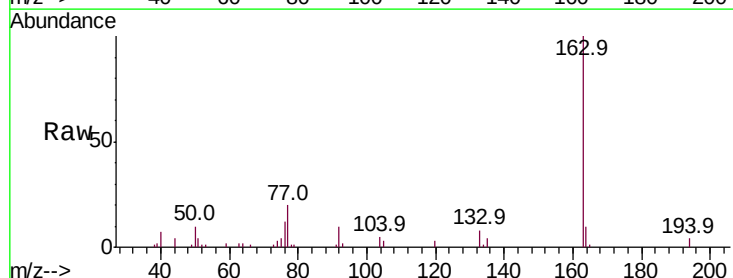
Instrument :
 BNA_G
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 P001-SD008-0612-01

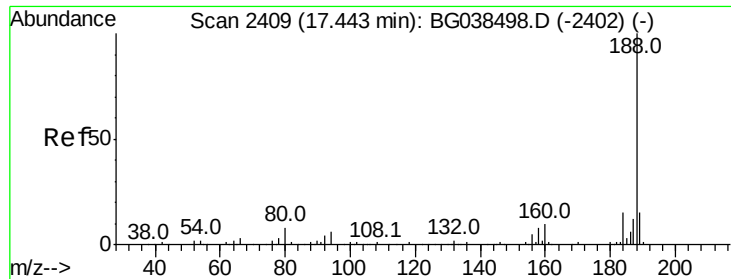
Tot Ion:172 Resp: 335554
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 24.7 19.5 29.3



#50
 Dimethylphthalate
 Concen: 5.301 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038627.D
 Acq: 16 Dec 2018 6:09

Tgt Ion:163 Resp: 29139
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.7 5.5#
 164 9.6 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

Instrument :

BNA_G

ClientSampleId :

P001-SD008-0612-01

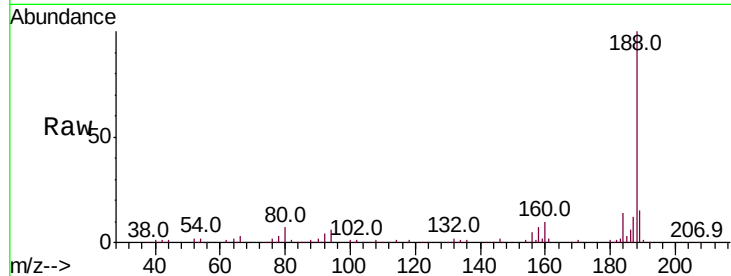
Tot Ion:188 Resp: 165094

Ion Ratio Lower Upper

188 100

94 6.2 5.1 7.7

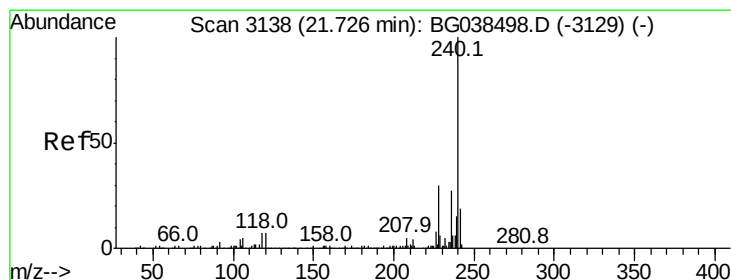
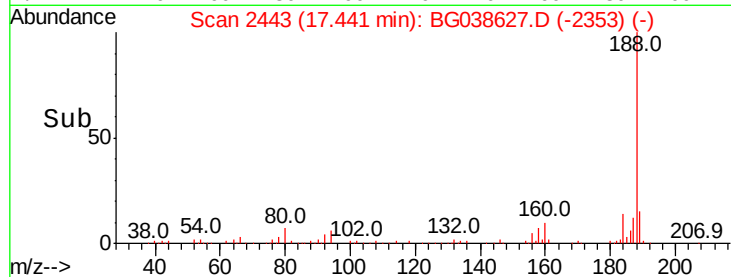
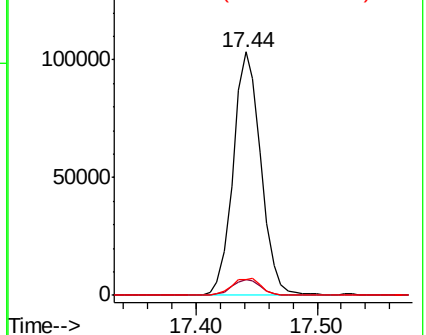
80 6.7 6.1 9.1



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

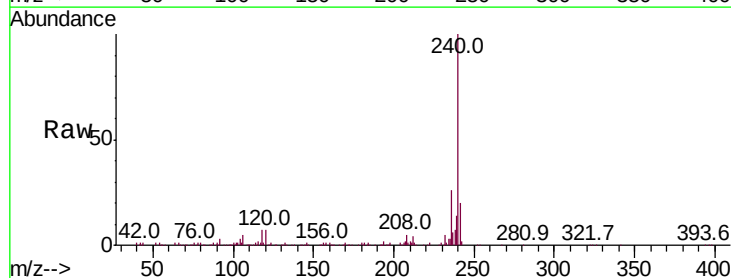
Tgt Ion:240 Resp: 167537

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

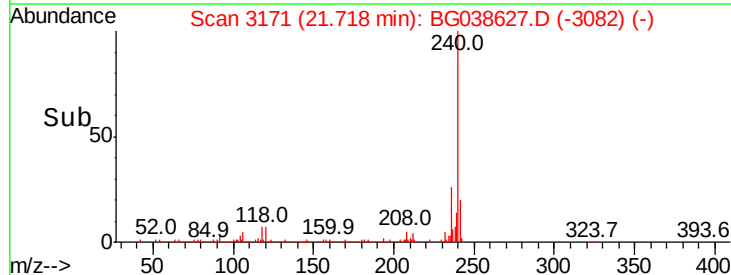
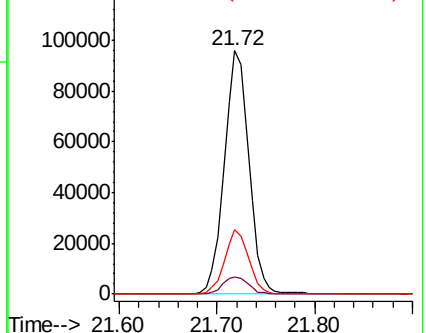
236 26.3 21.4 32.2

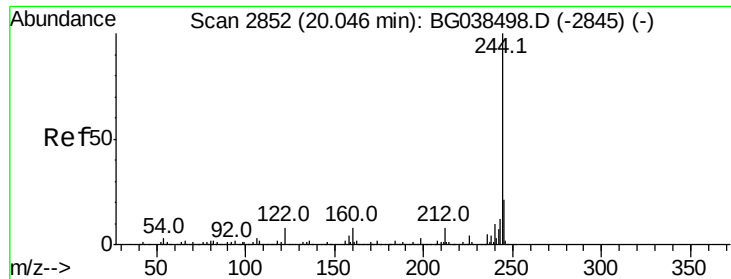


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.726 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

Instrument :

BNA_G

ClientSampleId :

P001-SD008-0612-01

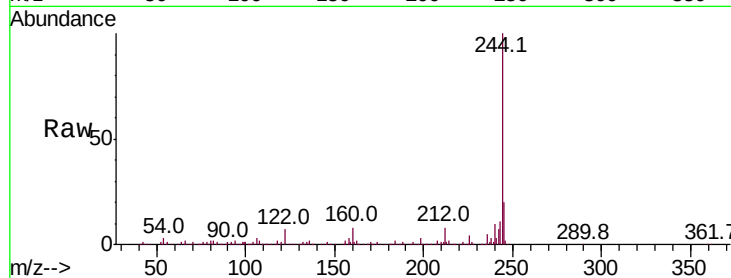
Tot Ion:244 Resp: 559854

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

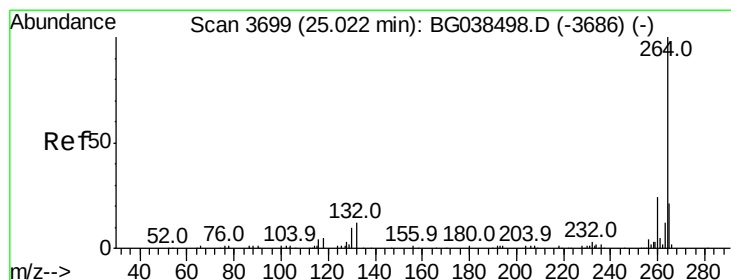
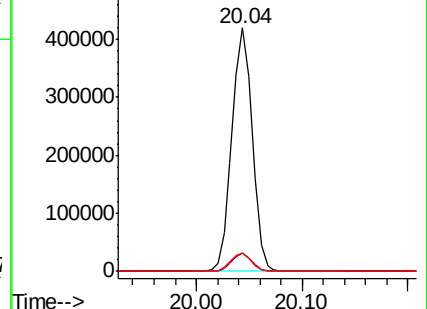
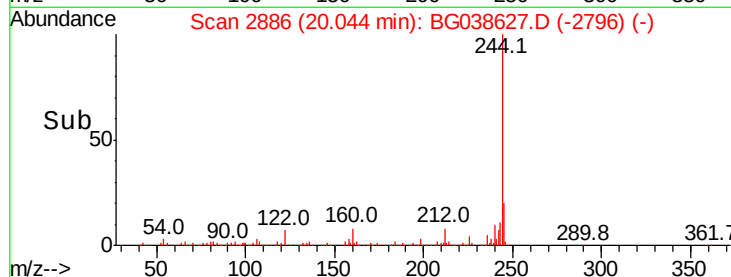
122 7.5 6.3 9.5



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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038627.D

Acq: 16 Dec 2018 6:09

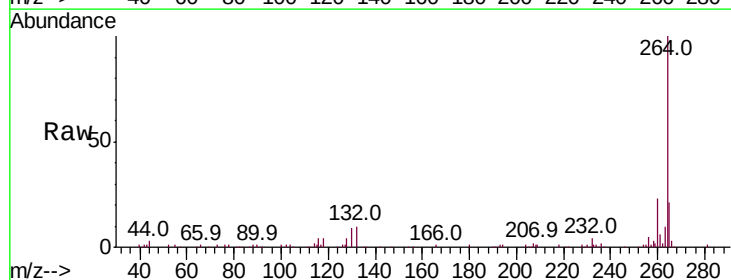
Tgt Ion:264 Resp: 175744

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 20.8 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

