

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038629.D
 Acq On : 16 Dec 2018 7:28
 Operator : JU/SJ
 Sample : J6378-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD009-0612-01

Quant Time: Dec 17 03:08:28 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

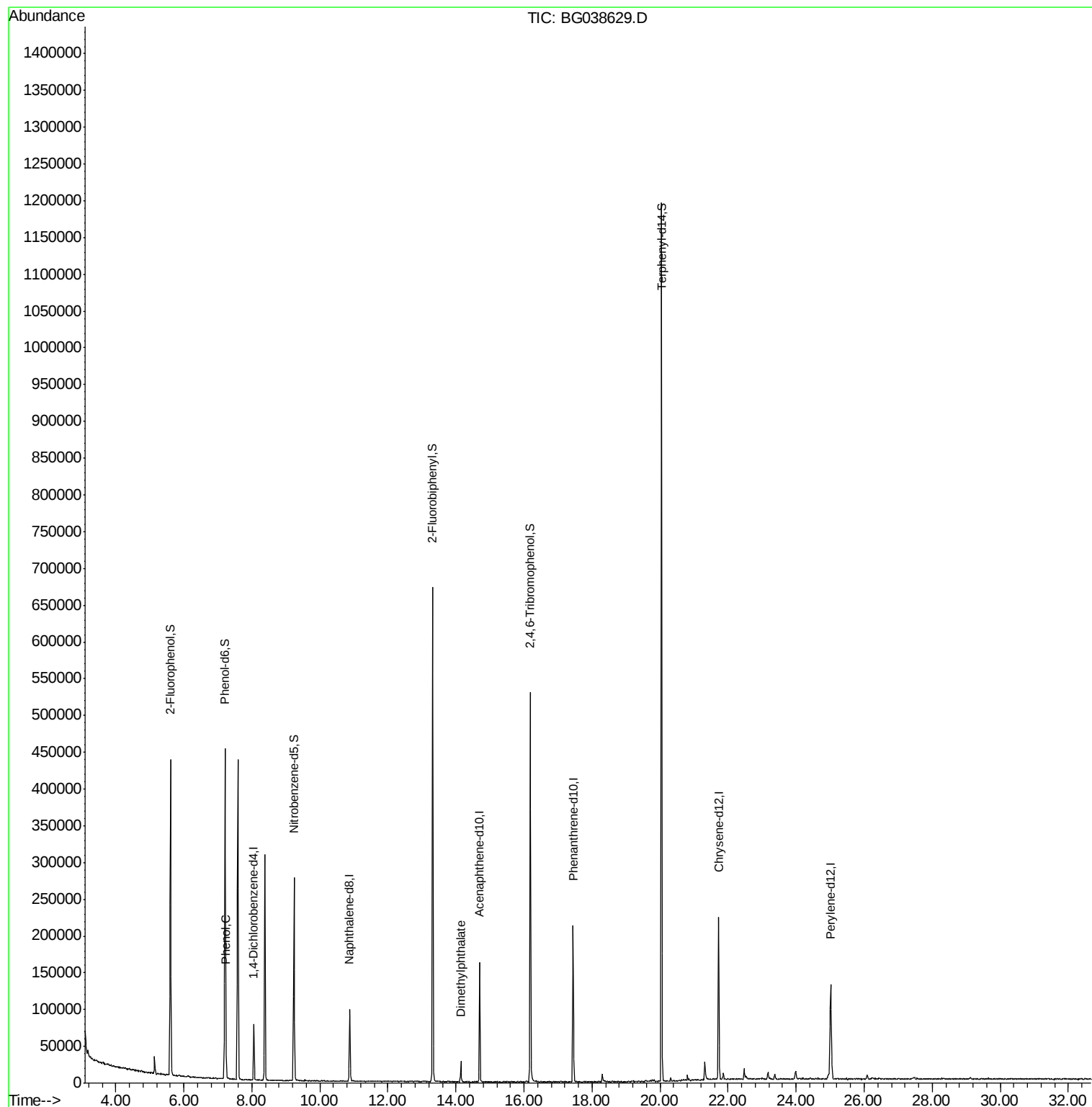
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21655	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	88124	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57200	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	144112	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145877	20.00	ng	0.00
87) Perylene-d12	25.02	264	154367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182076	149.13	ng	0.00
7) Phenol-d6	7.21	99	247321	147.56	ng	0.00
23) Nitrobenzene-d5	9.24	82	161156	93.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	109074	138.36	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	349631	83.85	ng	0.00
79) Terphenyl-d14	20.04	244	594932	88.76	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14619	8.210	ng	96
50) Dimethylphthalate	14.14	163	22367	4.788	ng	98

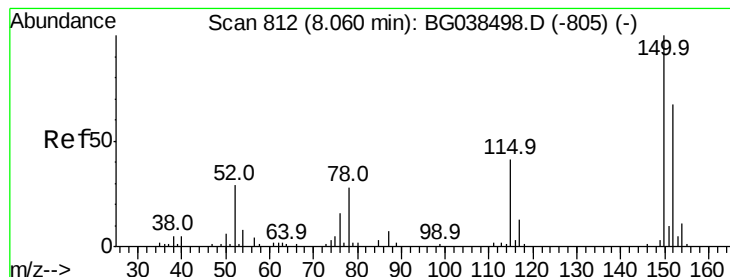
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038629.D

Acq: 16 Dec 2018 7:28

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0612-01

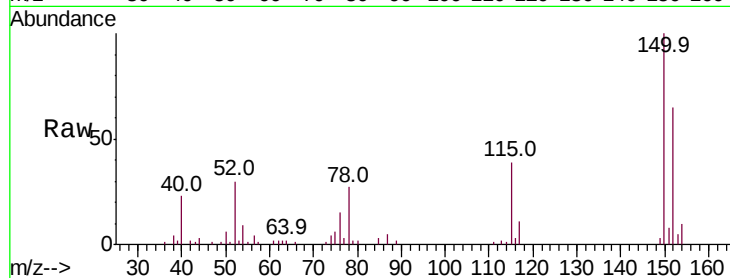
Tot Ion:152 Resp: 21655

Ion Ratio Lower Upper

152 100

150 153.3 119.5 179.3

115 60.3 49.6 74.4

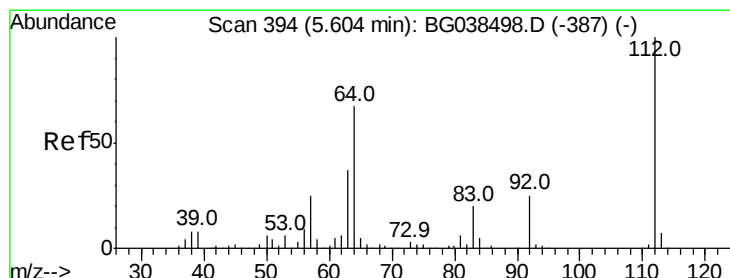
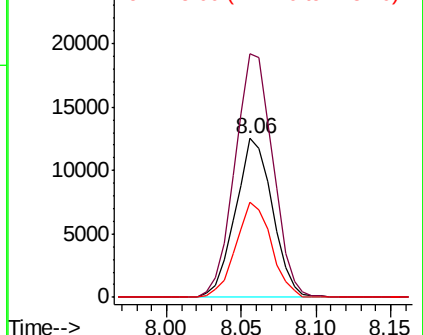
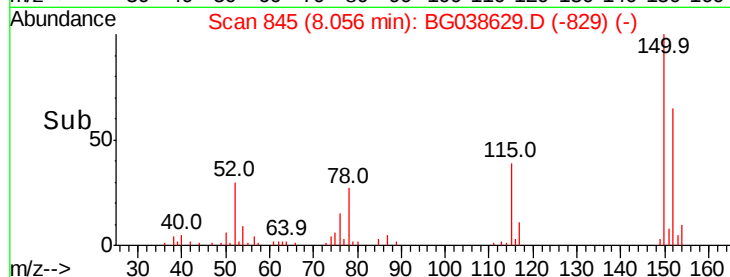


Abundance

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: 149.129 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

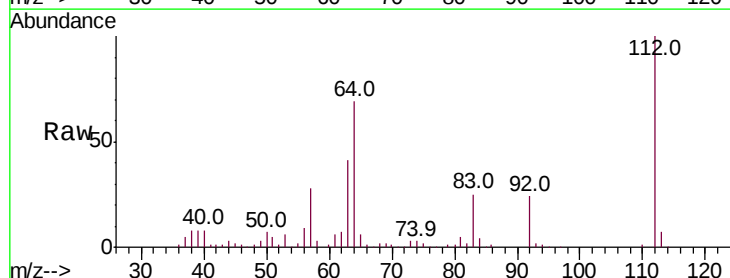
Tgt Ion:112 Resp: 182076

Ion Ratio Lower Upper

112 100

64 69.3 53.4 80.2

63 40.8 29.3 43.9

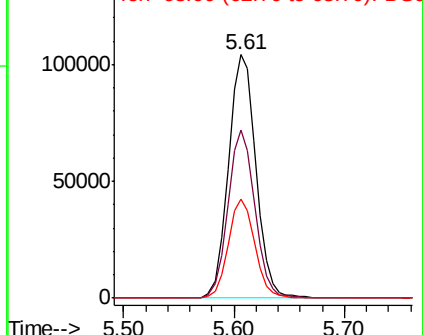
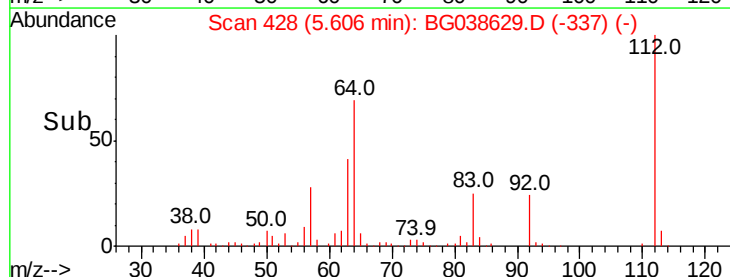


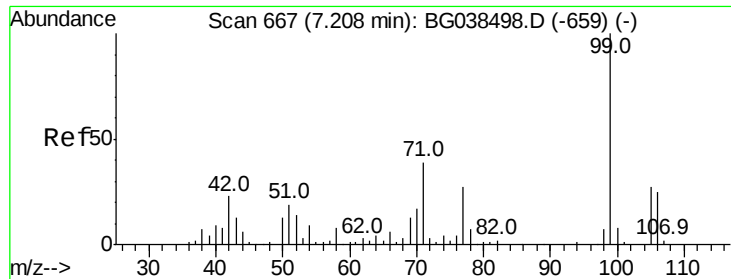
Abundance

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: 147.558 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0612-01

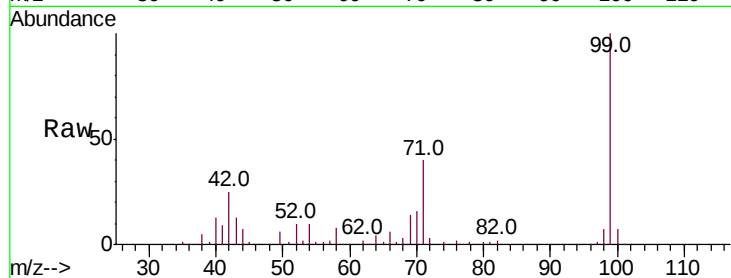
Tot Ion: 99 Resp: 247321

Ion Ratio Lower Upper

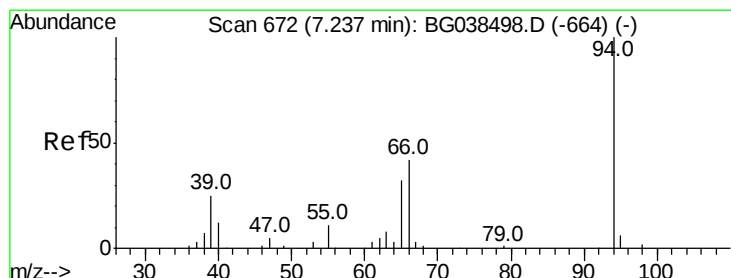
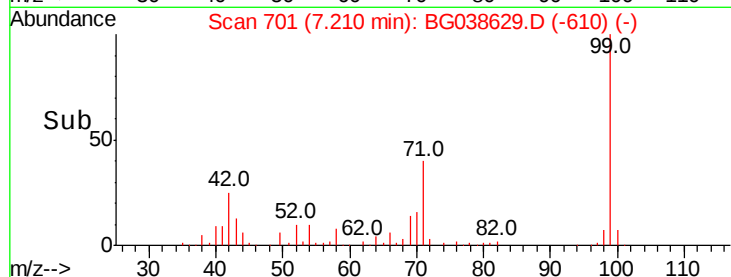
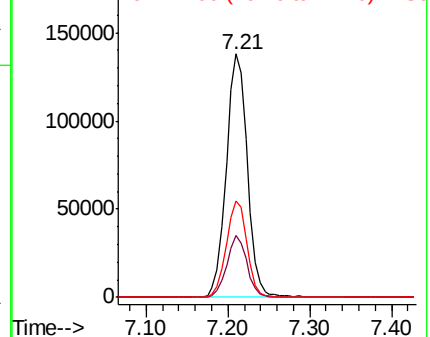
99 100

42 25.2 18.5 27.7

71 39.6 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: 8.210 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

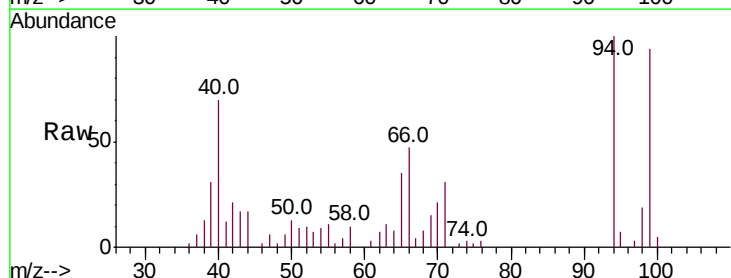
Tgt Ion: 94 Resp: 14619

Ion Ratio Lower Upper

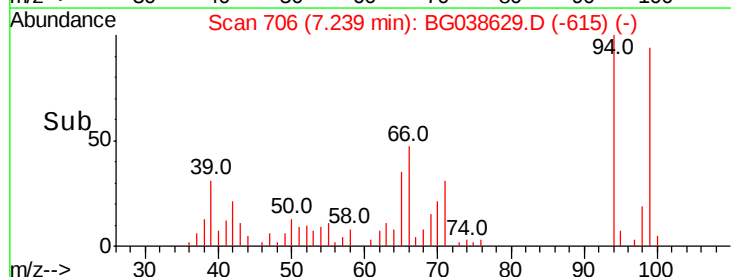
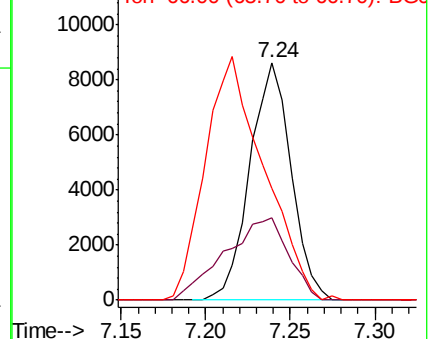
94 100

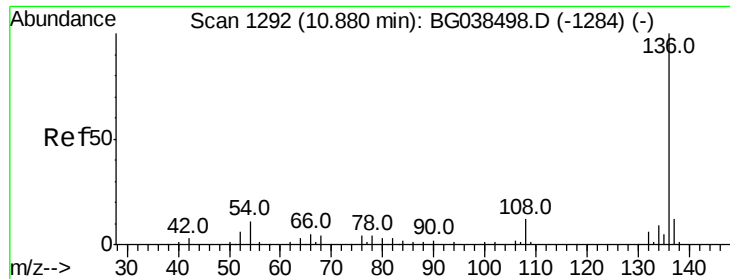
65 34.7 12.6 52.6

66 46.8 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

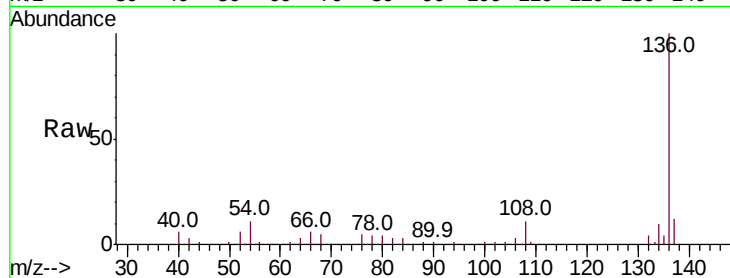




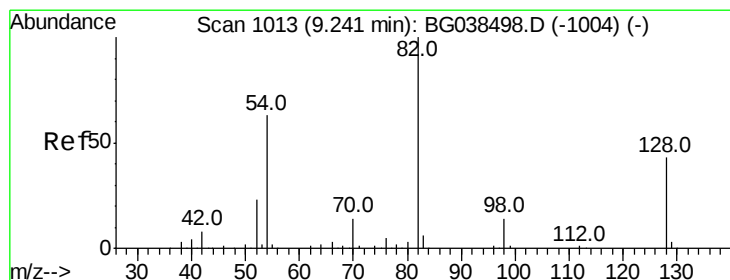
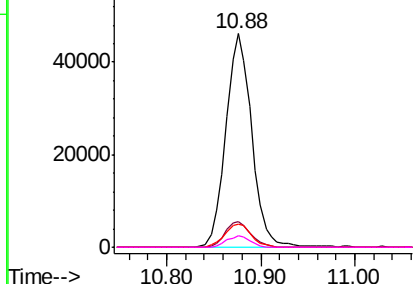
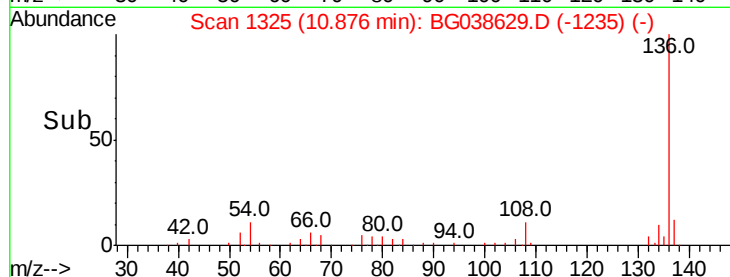
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038629.D
Acq: 16 Dec 2018 7:28

Instrument :
BNA_G
ClientSampleId :
P001-SD009-0612-01

Tot Ion:	136	Resp:	88124
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	10.8	8.5	12.7
68	5.1	3.5	5.3

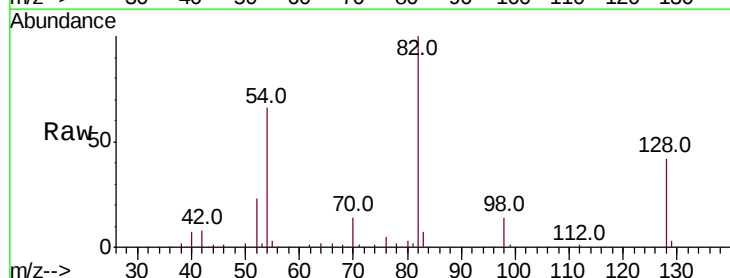


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

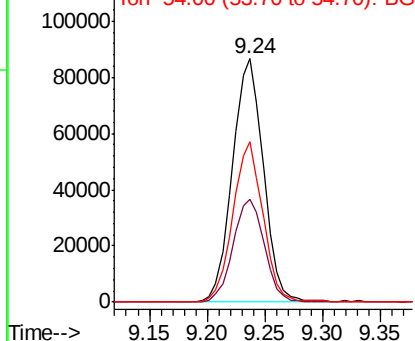
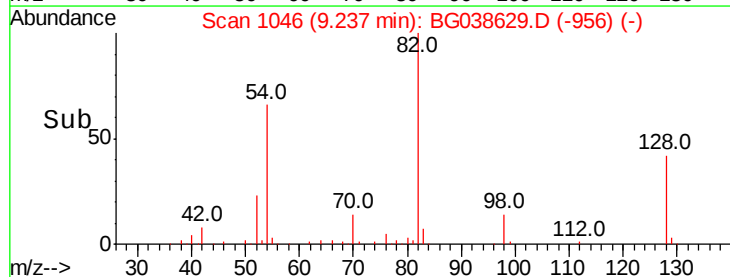


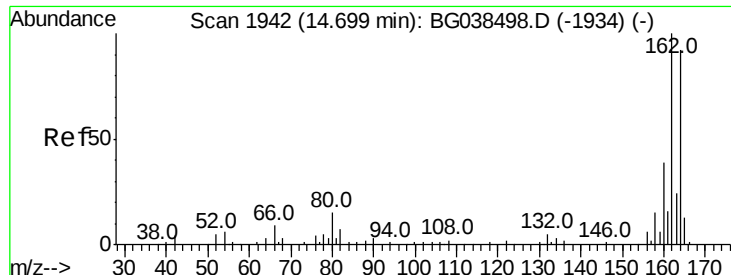
#23
Nitrobenzene-d5
Concen: 93.425 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038629.D
Acq: 16 Dec 2018 7:28

Tgt Ion:	82	Resp:	161156
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	65.9	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: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0612-01

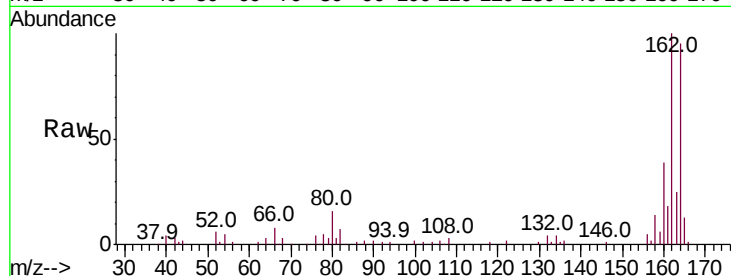
Tot Ion:164 Resp: 57200

Ion Ratio Lower Upper

164 100

162 105.5 86.6 130.0

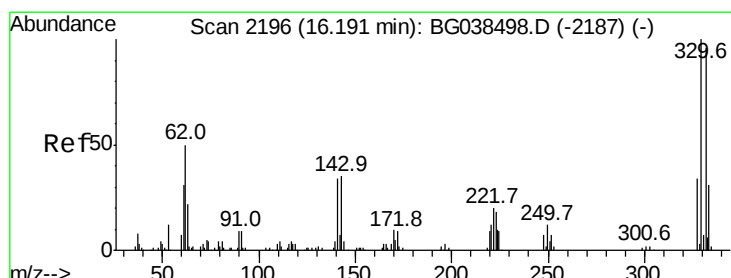
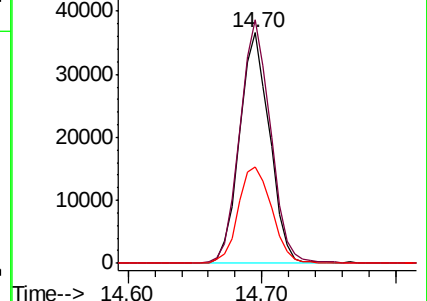
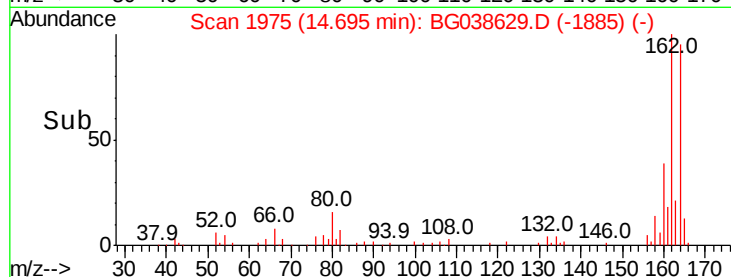
160 41.7 34.2 51.2



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: 138.363 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

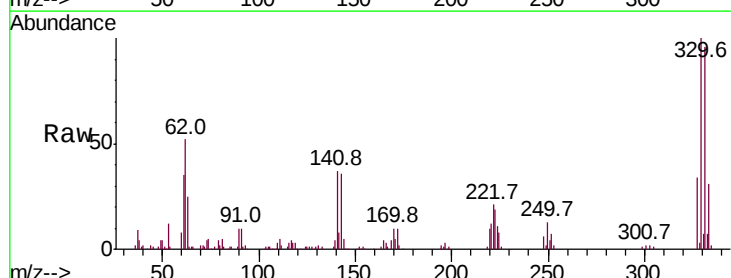
Tgt Ion:330 Resp: 109074

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

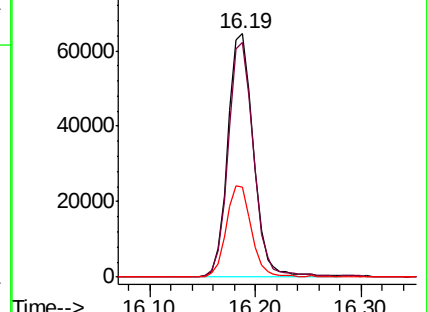
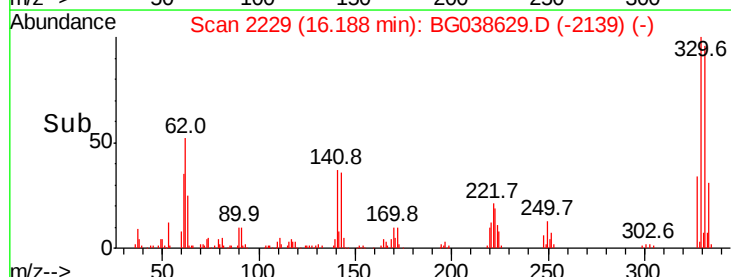
141 36.9 28.8 43.2

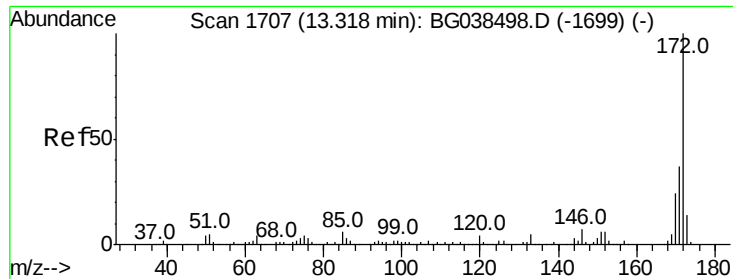


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

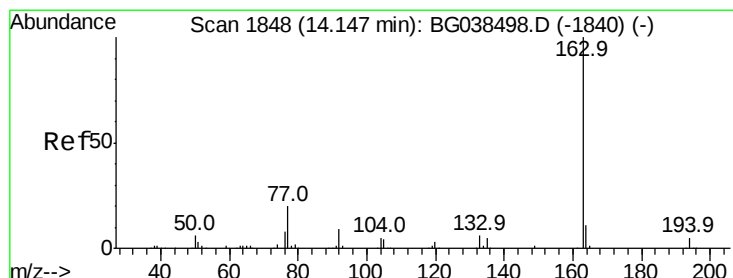
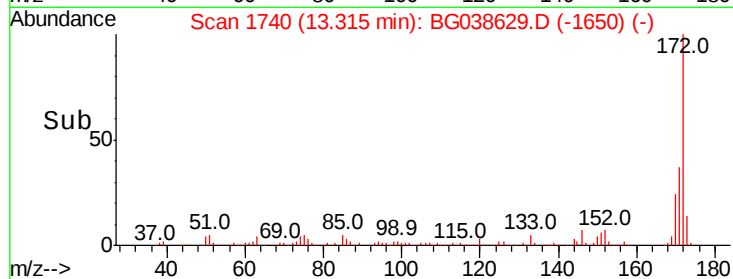
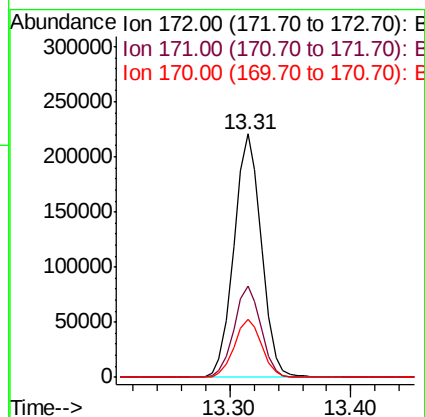
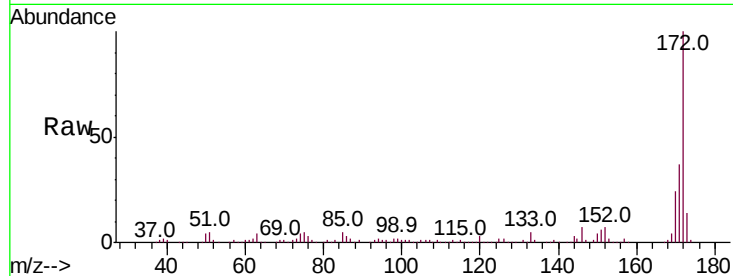




#45
 2-Fluorobiphenyl
 Concen: 83.853 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038629.D
 Acq: 16 Dec 2018 7:28

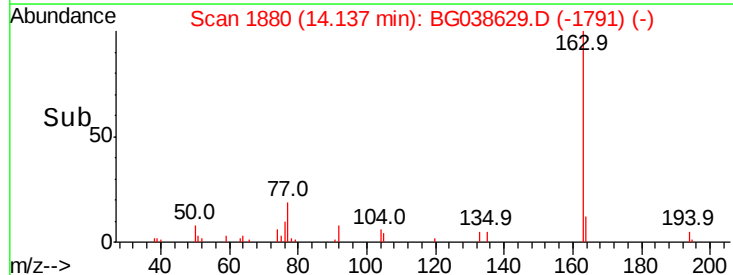
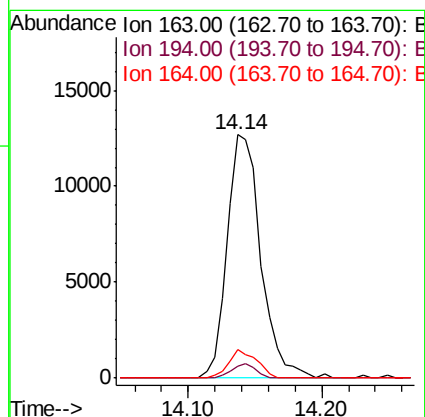
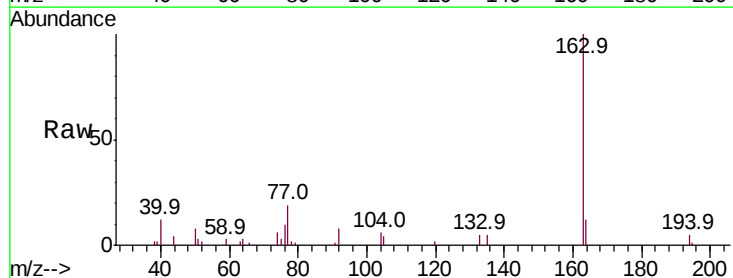
Instrument :
 BNA_G
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 P001-SD009-0612-01

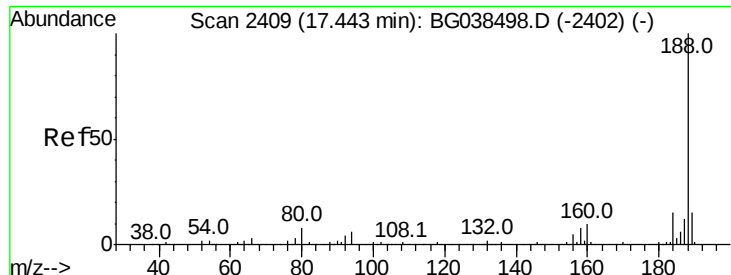
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.0	19.5	29.3



#50
 Dimethylphthalate
 Concen: 4.788 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038629.D
 Acq: 16 Dec 2018 7:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.7	8.6	12.8

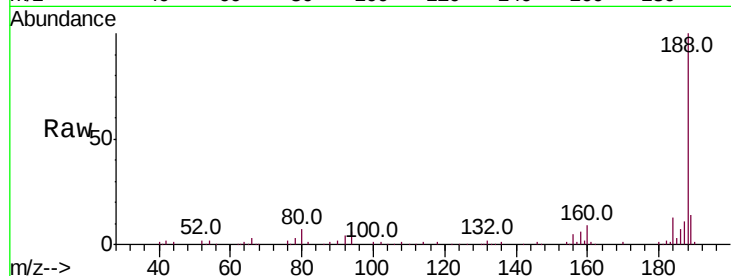




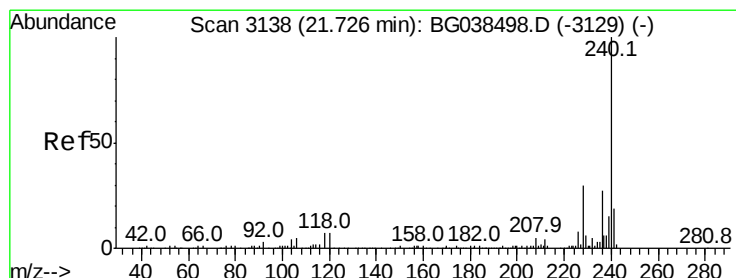
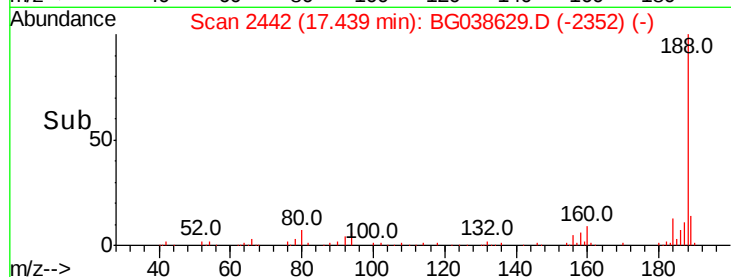
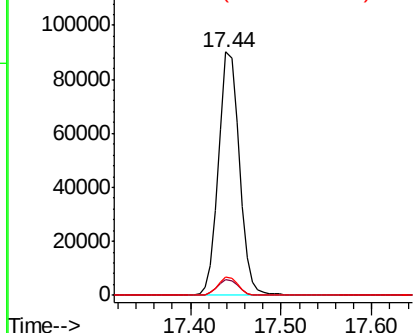
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038629.D
 Acq: 16 Dec 2018 7:28

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD009-0612-01

Tot Ion:188 Resp: 144112
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.1 7.7
 80 7.3 6.1 9.1

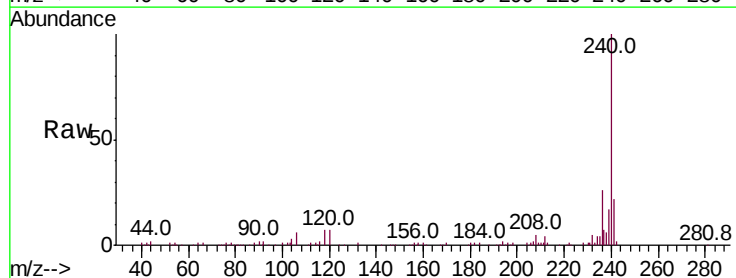


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

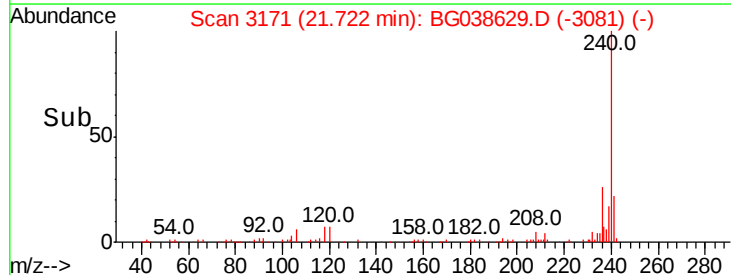
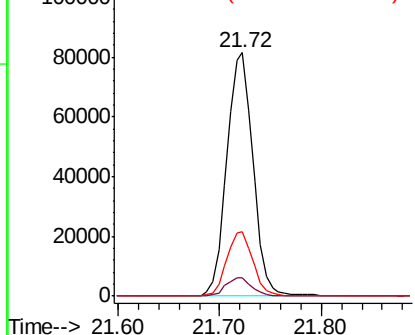


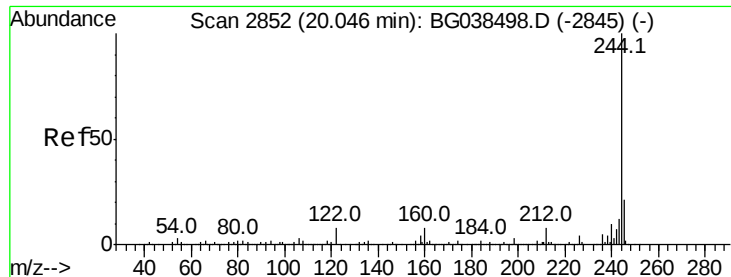
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038629.D
 Acq: 16 Dec 2018 7:28

Tgt Ion:240 Resp: 145877
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.3 7.9
 236 26.2 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: 88.758 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

Instrument :

BNA_G

ClientSampleId :

P001-SD009-0612-01

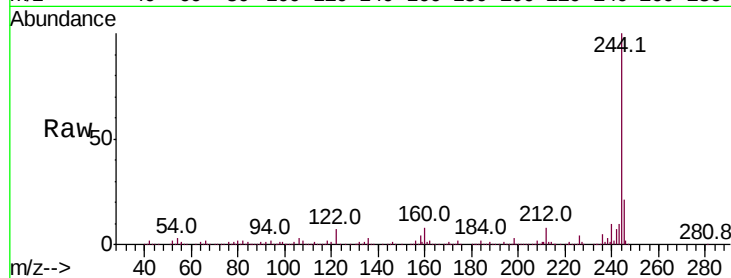
Tot Ion:244 Resp: 594932

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

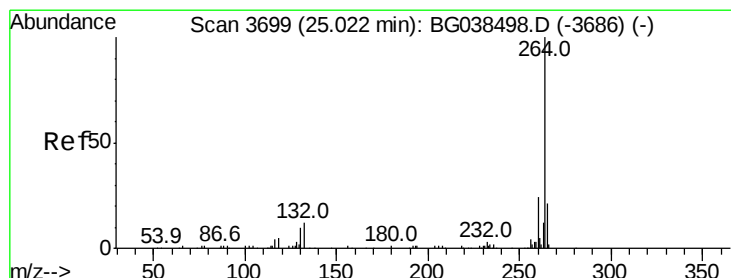
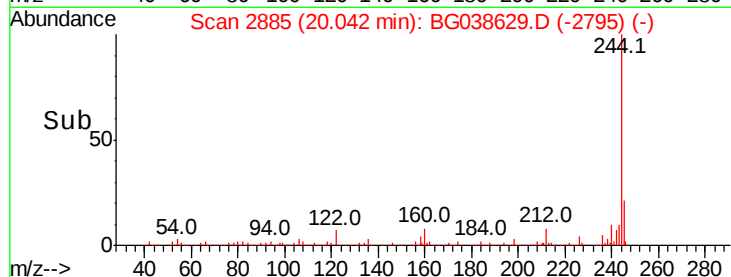
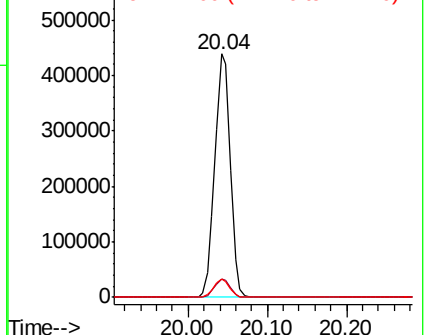
122 7.5 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038629.D

Acq: 16 Dec 2018 7:28

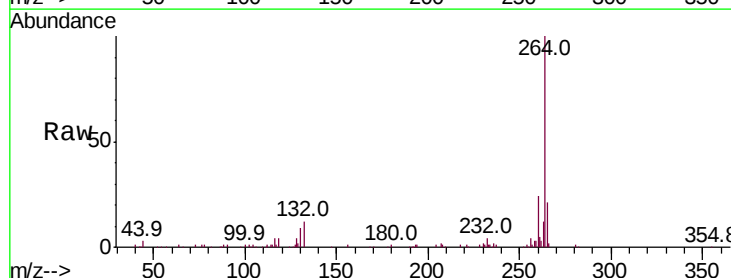
Tgt Ion:264 Resp: 154367

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.5 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

