

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039005.D
 Acq On : 8 Jan 2019 22:28
 Operator : JU/SJ
 Sample : K1074-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W12-9

Quant Time: Jan 09 03:25:23 2019
 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

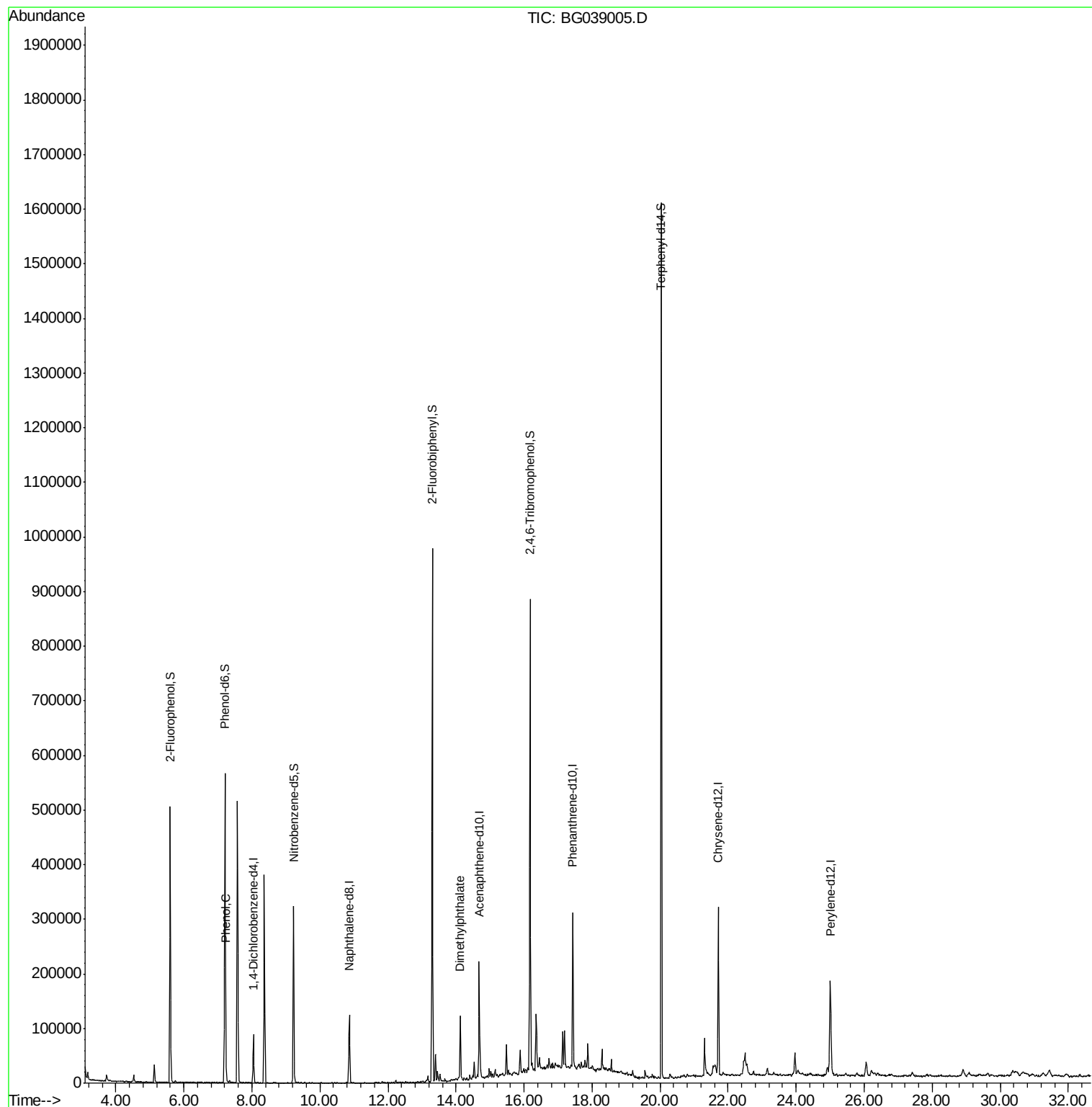
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26220	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	111219	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	81204	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	186451	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	199192	20.00	ng	-0.02
87) Perylene-d12	25.01	264	216557	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	226531	153.24	ng	0.00
7) Phenol-d6	7.21	99	331831	163.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	189726	87.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	192065	171.62	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	518503	87.60	ng	-0.02
79) Terphenyl-d14	20.04	244	839832	91.76	ng	0.00
Target Compounds						
10) Phenol	7.23	94	15210	7.055	ng	88
50) Dimethylphthalate	14.13	163	77173	11.638	ng	99

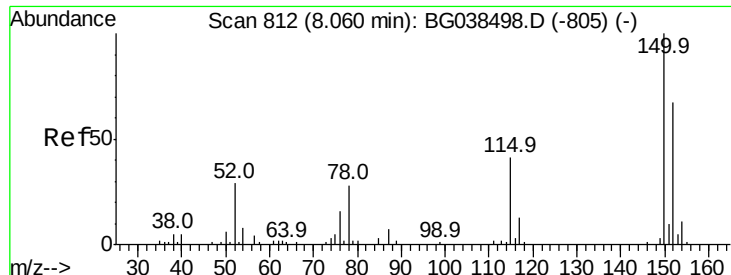
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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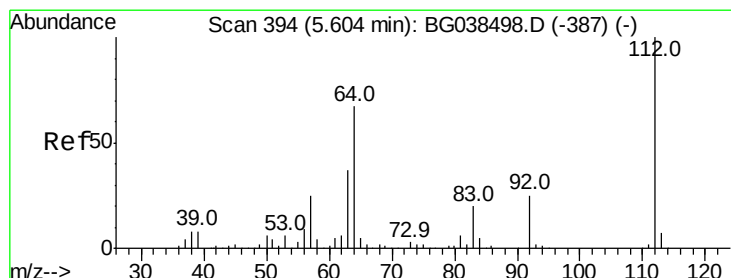
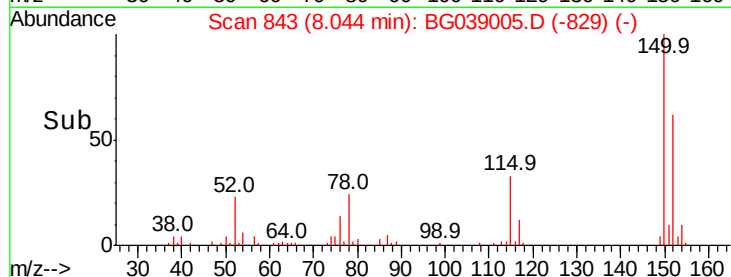
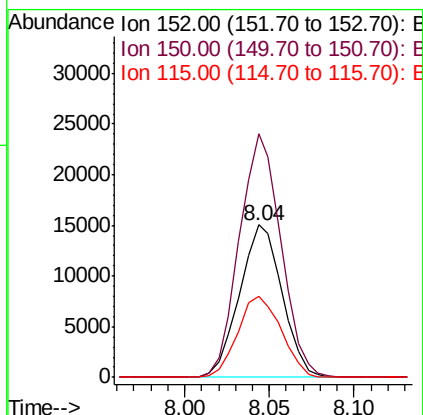
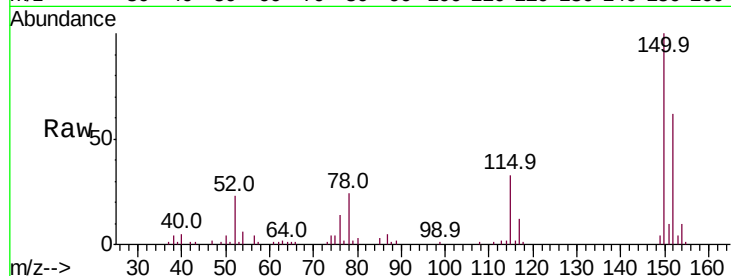


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG039005.D
Acq: 8 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
W12-9

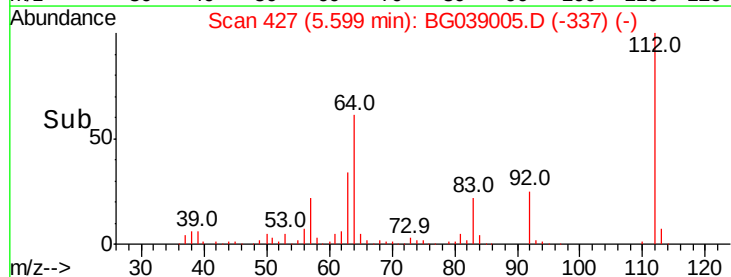
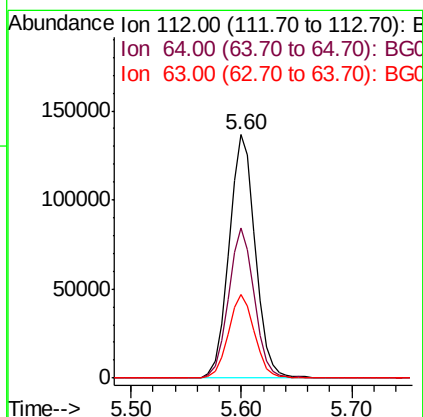
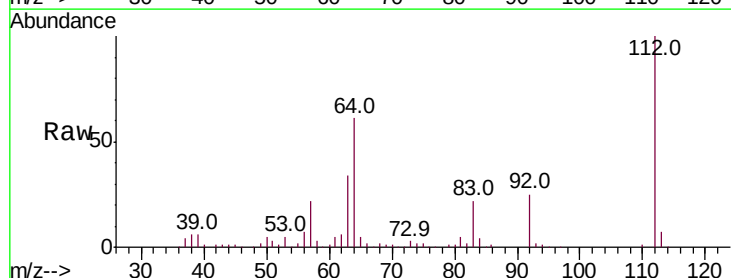
Tot Ion:152 Resp: 26220
Ion Ratio Lower Upper
152 100
150 160.1 119.5 179.3
115 53.2 49.6 74.4

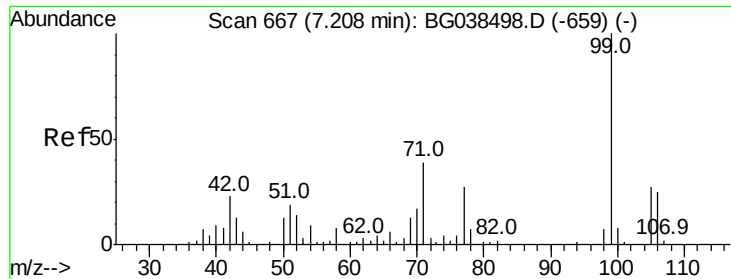


#5

2-Fluorophenol
Concen: 153.237 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG039005.D
Acq: 8 Jan 2019 22:28

Tgt Ion:112 Resp: 226531
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 34.5 29.3 43.9





#7

Phenol-d6

Concen: 163.510 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleId :

W12-9

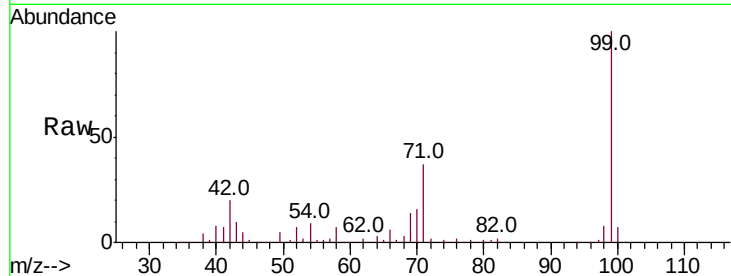
Tot Ion: 99 Resp: 331831

Ion Ratio Lower Upper

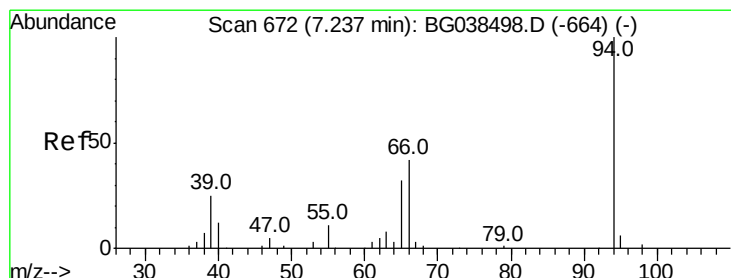
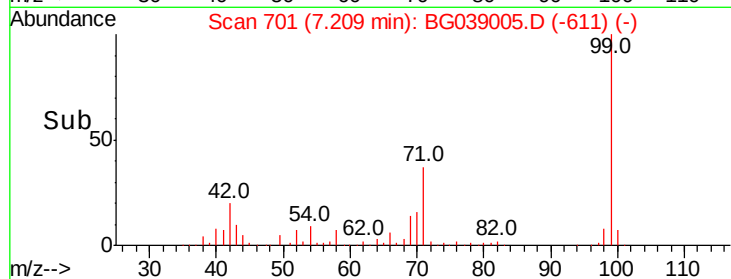
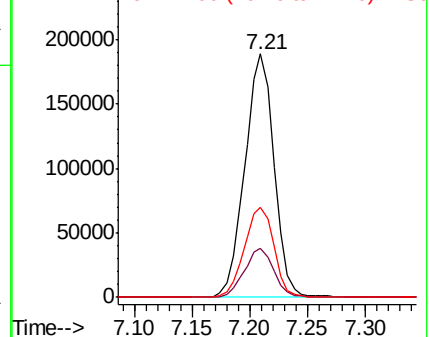
99 100

42 20.0 18.5 27.7

71 36.8 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: 7.055 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

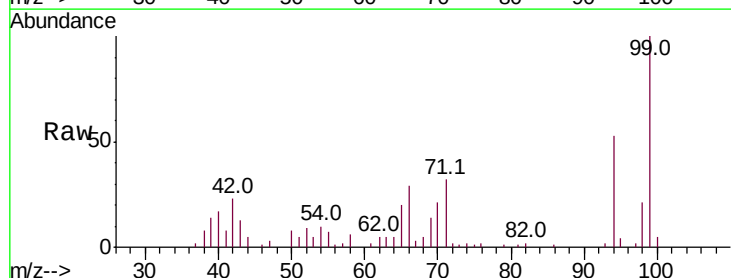
Tgt Ion: 94 Resp: 15210

Ion Ratio Lower Upper

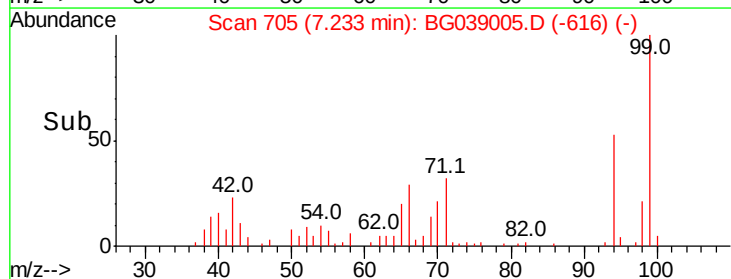
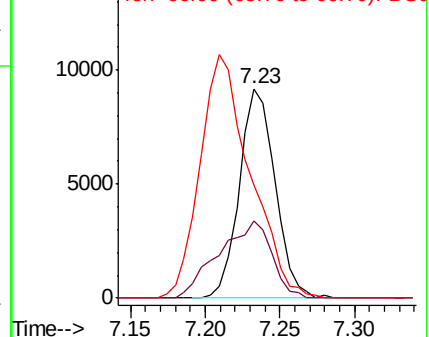
94 100

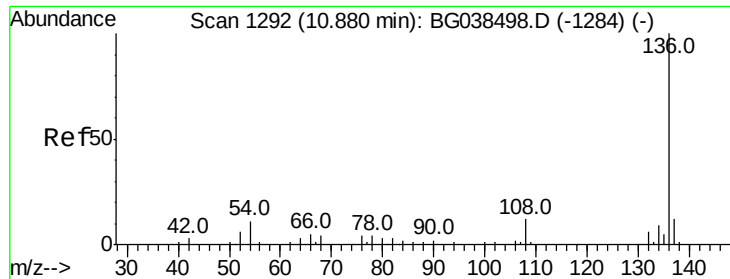
65 37.1 12.6 52.6

66 54.1 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

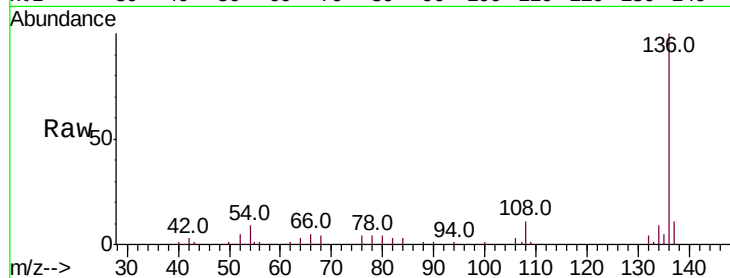




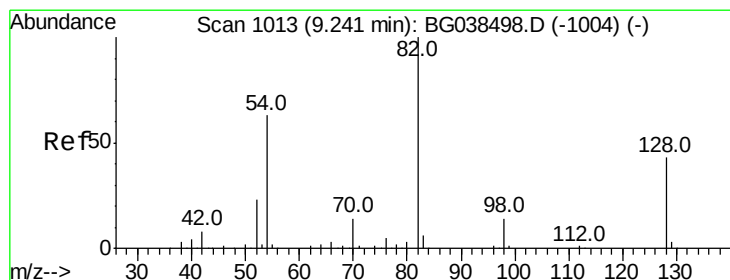
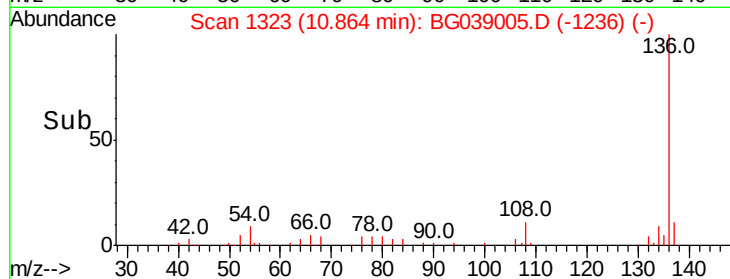
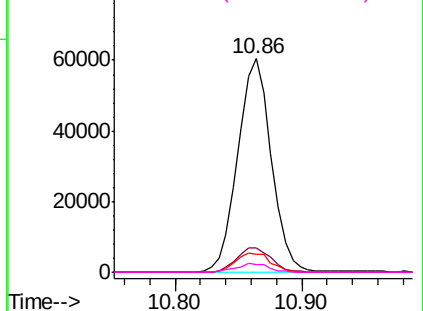
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039005.D
Acq: 8 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
W12-9

Tot Ion:136	Resp:	111219
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.3 13.9
54	8.6	8.5 12.7
68	3.7	3.5 5.3

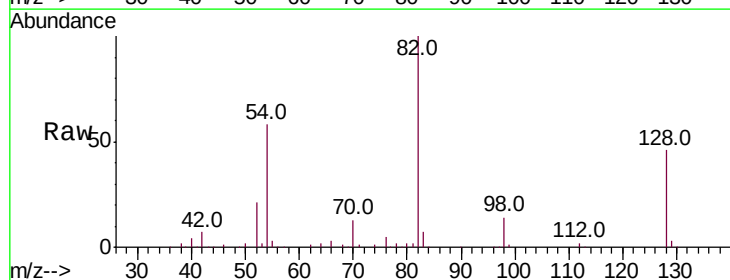


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

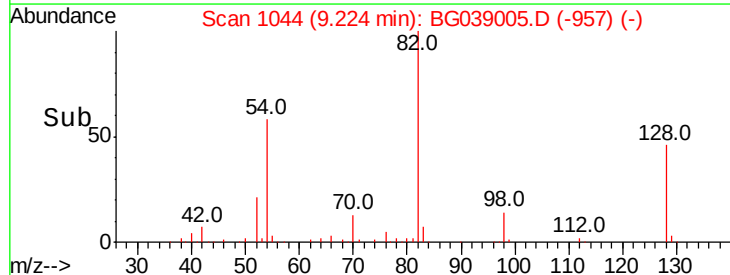
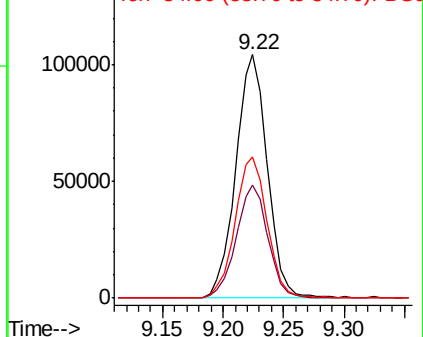


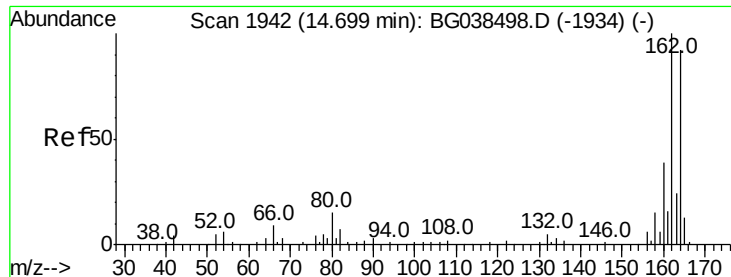
#23
Nitrobenzene-d5
Concen: 87.148 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039005.D
Acq: 8 Jan 2019 22:28

Tgt Ion: 82	Resp:	189726
Ion	Ratio	Lower Upper
82	100	
128	46.4	34.6 52.0
54	58.0	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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleId :

W12-9

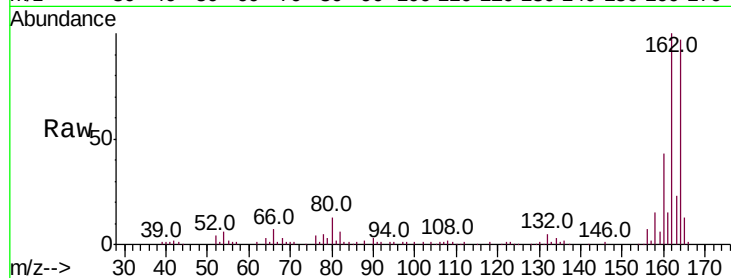
Tot Ion:164 Resp: 81204

Ion Ratio Lower Upper

164 100

162 103.0 86.6 130.0

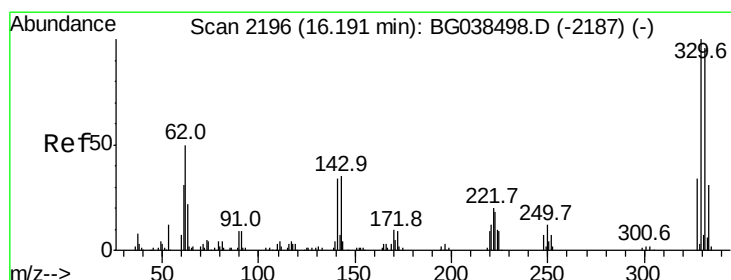
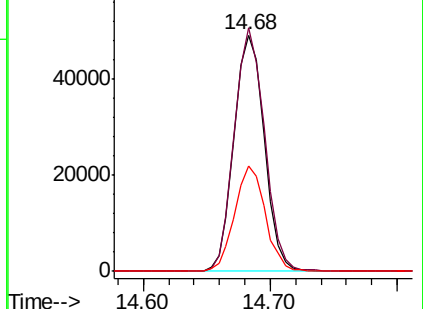
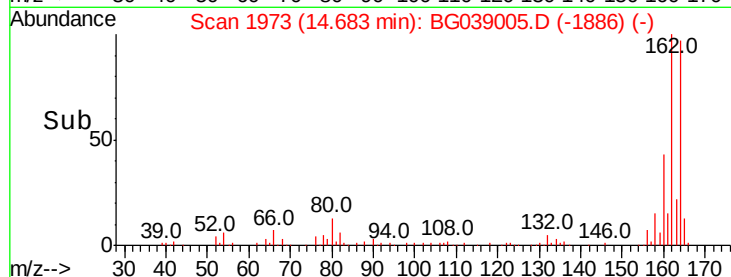
160 44.5 34.2 51.2



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: 171.619 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

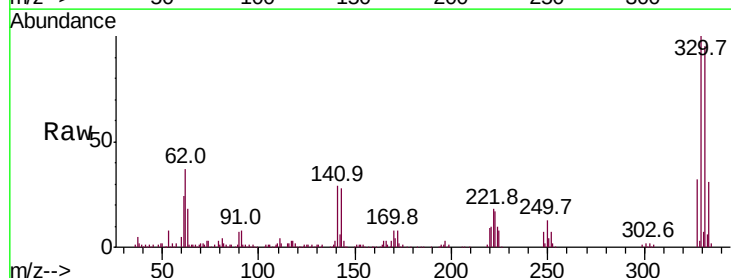
Tgt Ion:330 Resp: 192065

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

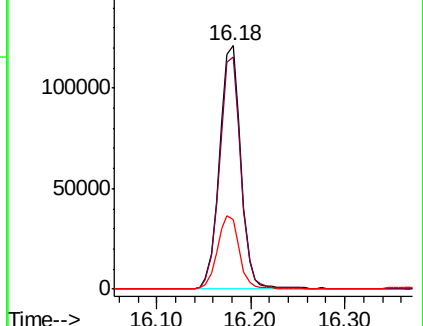
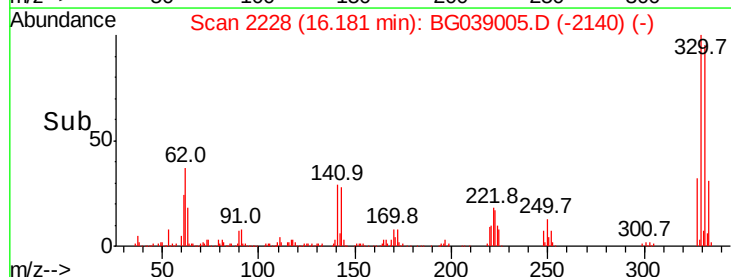
141 31.1 28.8 43.2

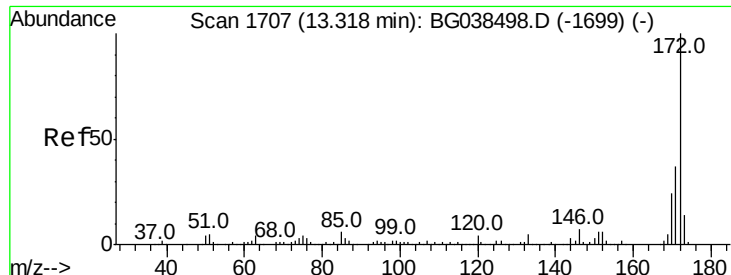


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

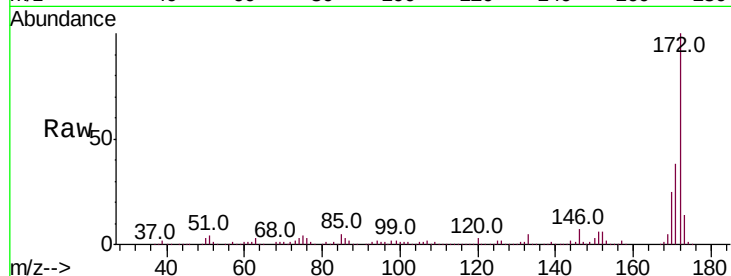




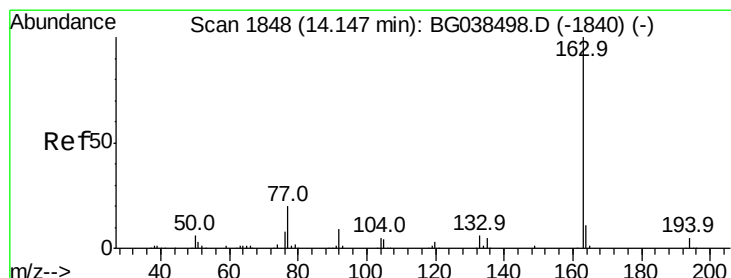
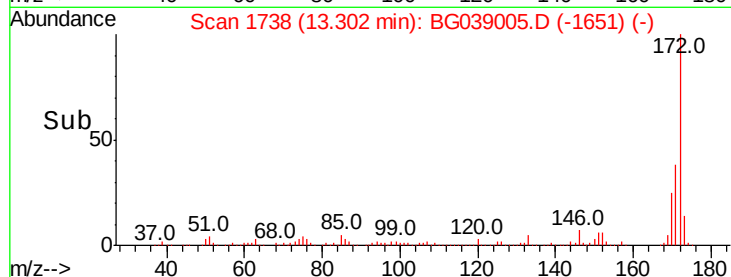
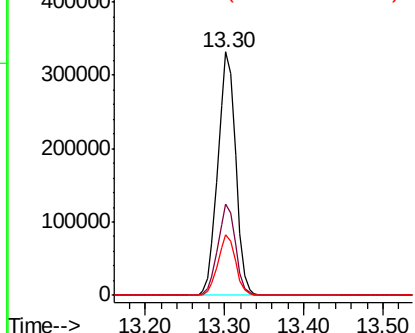
#45
 2-Fluorobiphenyl
 Concen: 87.595 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039005.D
 Acq: 8 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 W12-9

Tot Ion:172 Resp: 518503
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.1 19.5 29.3

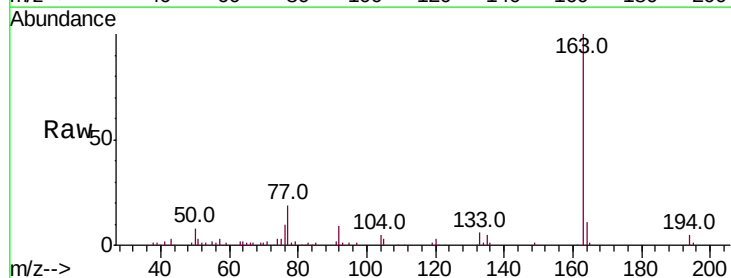


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

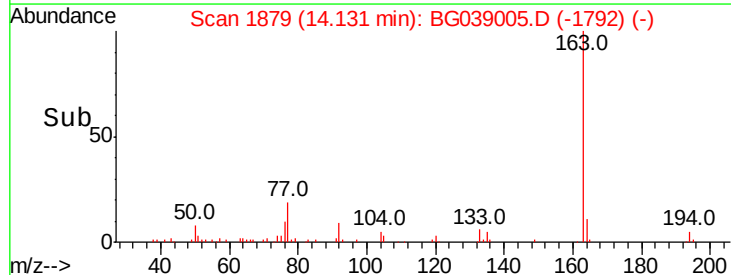
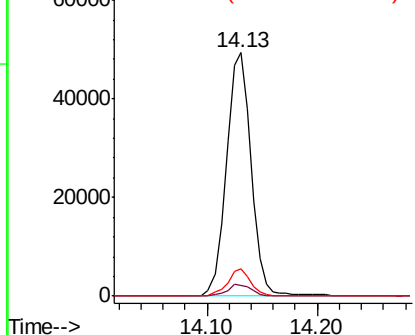


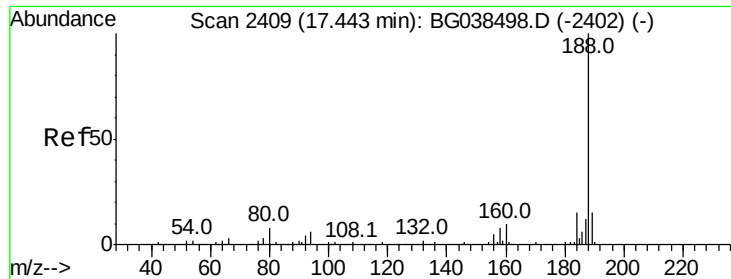
#50
 Dimethylphthalate
 Concen: 11.638 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG039005.D
 Acq: 8 Jan 2019 22:28

Tgt Ion:163 Resp: 77173
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.7 5.5
 164 11.3 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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleId :

W12-9

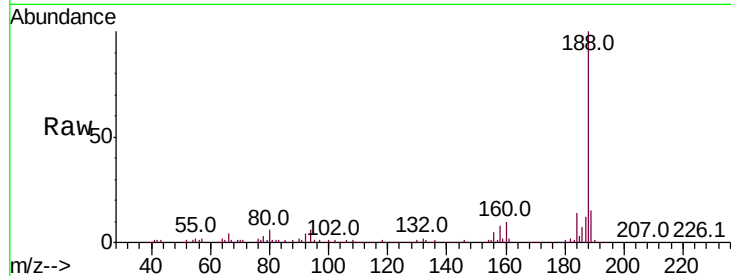
Tot Ion:188 Resp: 186451

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

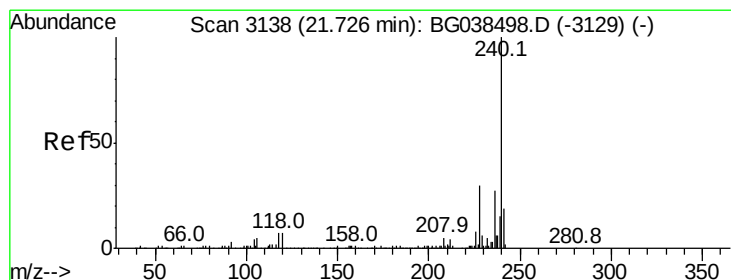
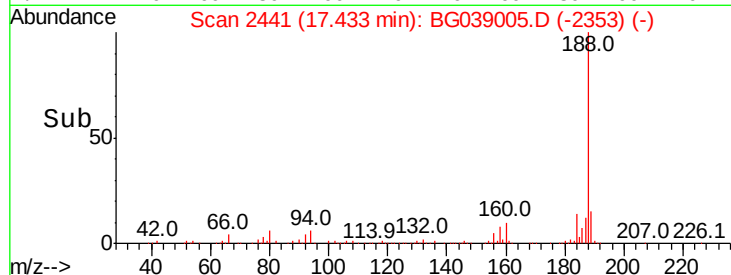
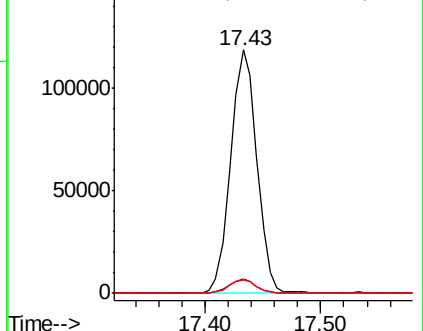
80 5.6 6.1 9.1#



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

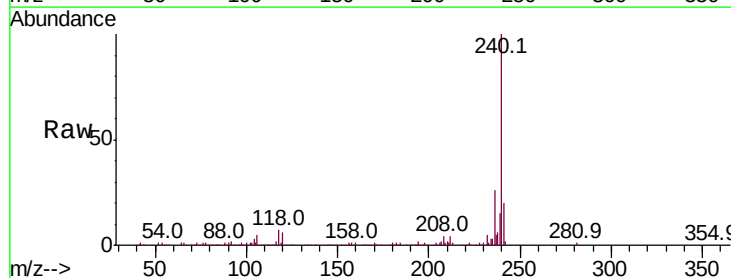
Tgt Ion:240 Resp: 199192

Ion Ratio Lower Upper

240 100

120 5.7 5.3 7.9

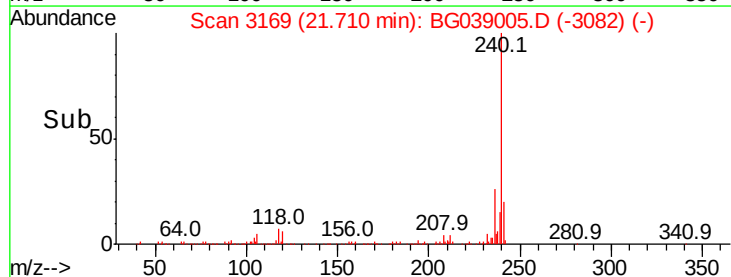
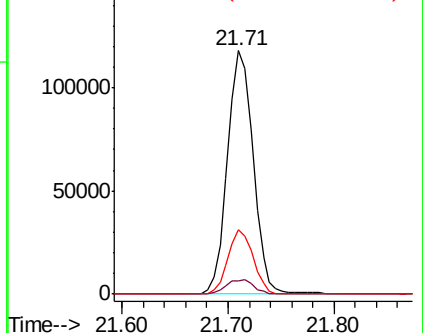
236 26.2 21.4 32.2

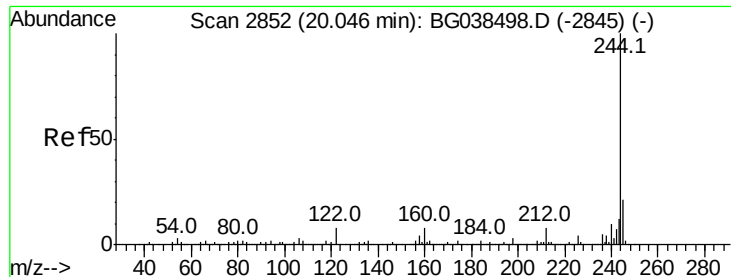


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.758 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleId :

W12-9

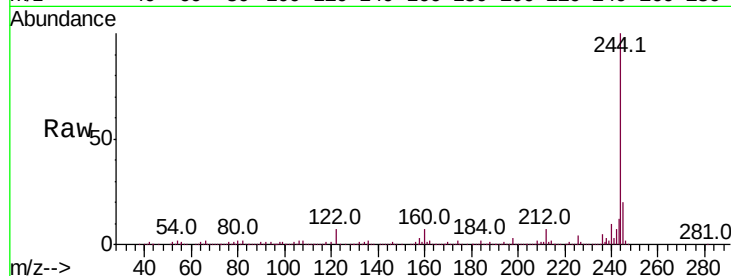
Tot Ion:244 Resp: 839832

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

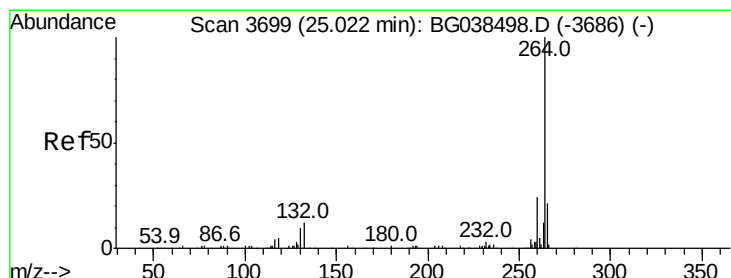
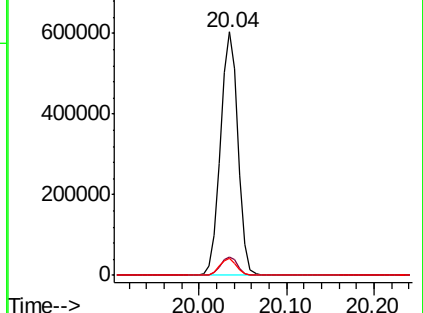
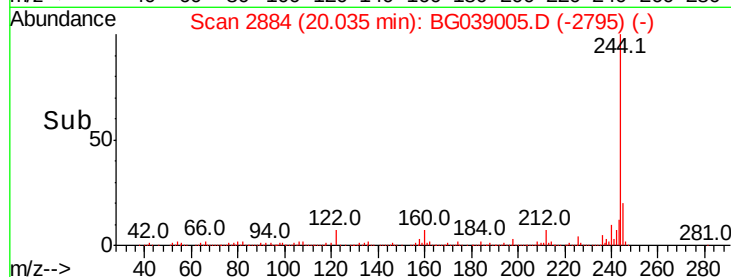
122 6.9 6.3 9.5



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# 3730

Delta R.T. -0.02 min

Lab File: BG039005.D

Acq: 8 Jan 2019 22:28

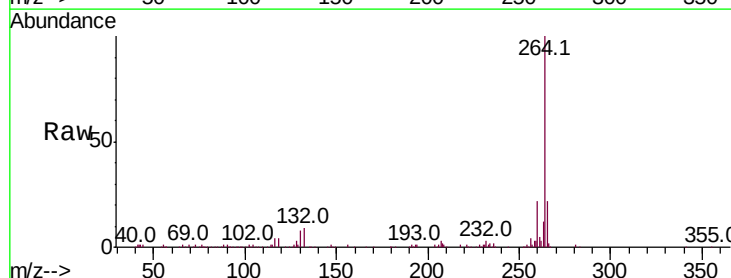
Tgt Ion:264 Resp: 216557

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.9 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

