

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039851.D
 Acq On : 11 Mar 2019 21:07
 Operator : JU/SJ
 Sample : K1837-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-09-COMP

Quant Time: Mar 12 04:10:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

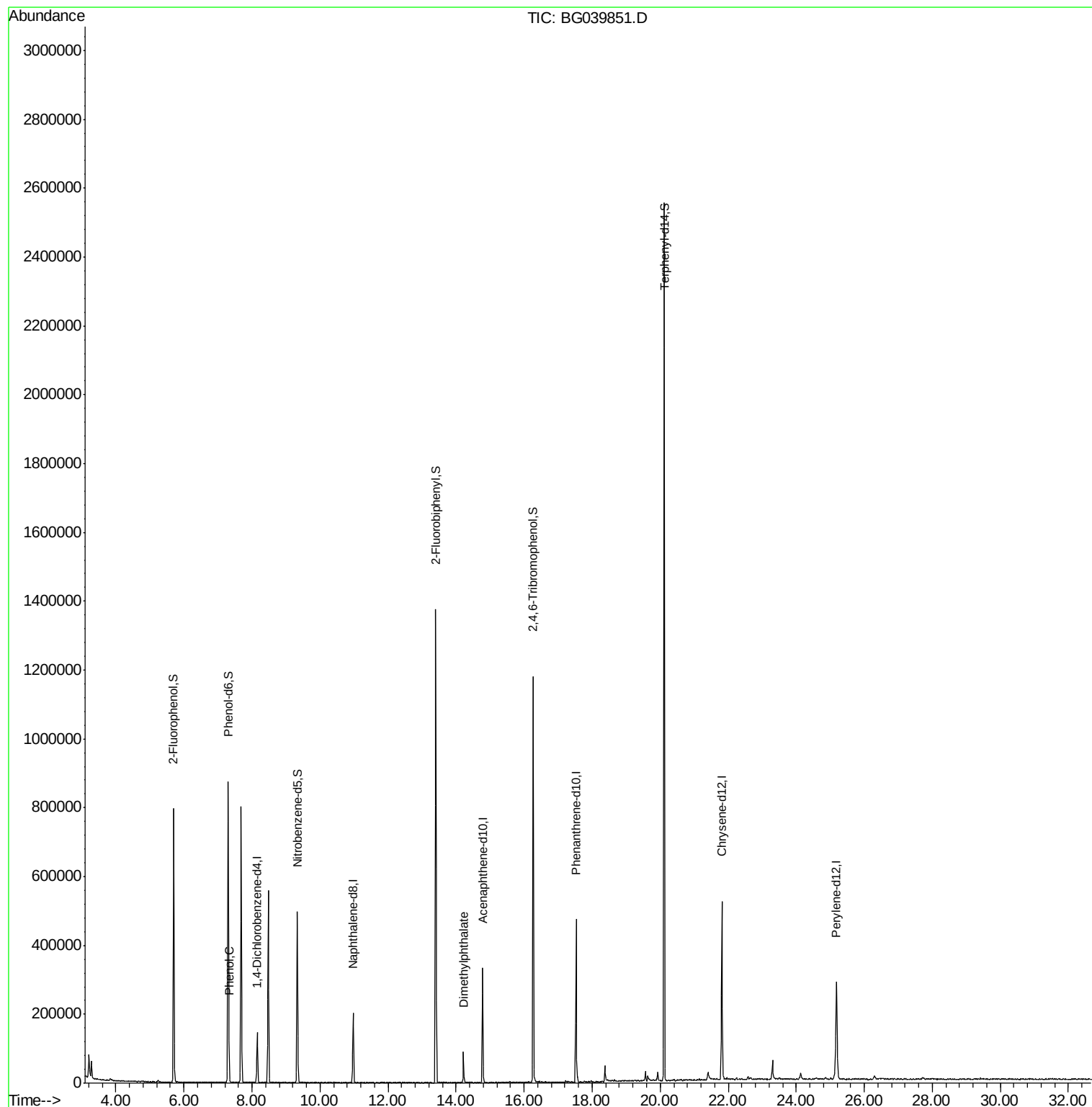
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40687	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	170649	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	120441	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	304797	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	326351	20.00	ng	-0.02
87) Perylene-d12	25.18	264	325575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	337942	141.70	ng	-0.01
7) Phenol-d6	7.30	99	495700	139.40	ng	-0.01
23) Nitrobenzene-d5	9.33	82	288294	91.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	204234	145.48	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	706782	83.55	ng	-0.01
79) Terphenyl-d14	20.12	244	1171478	79.04	ng	0.00
Target Compounds						
10) Phenol	7.33	94	14004	3.635	ng	96
50) Dimethylphthalate	14.22	163	58146	5.774	ng	98

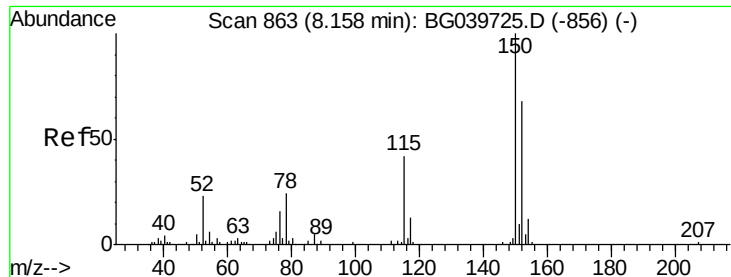
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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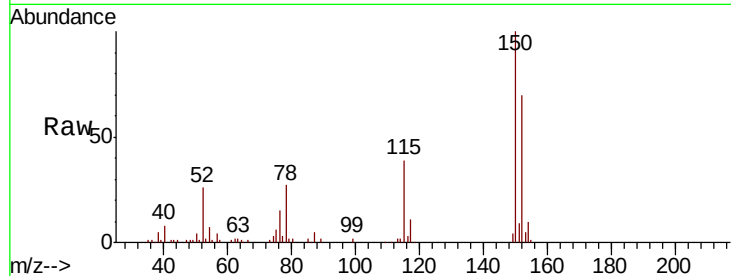


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	123.7	185.5
115	55.8	45.9	68.9

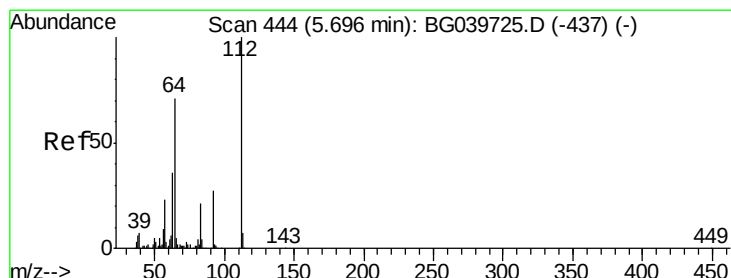
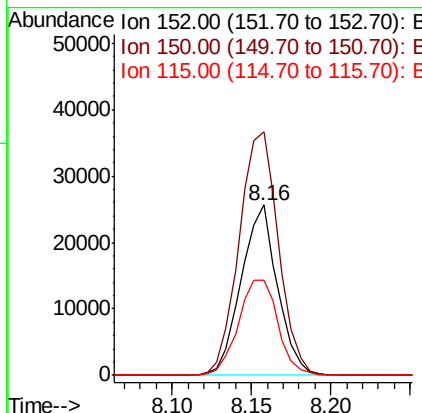
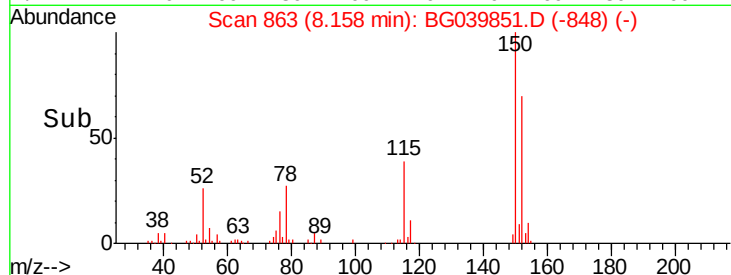


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

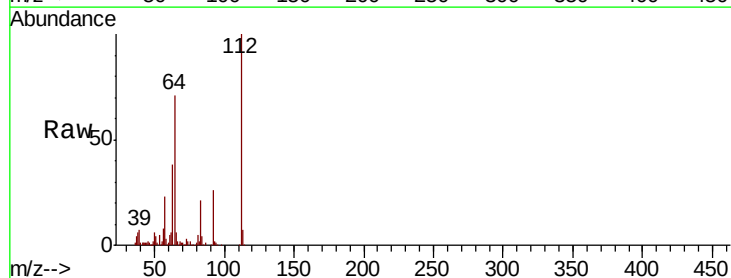
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.699 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	37.7	29.8	44.6

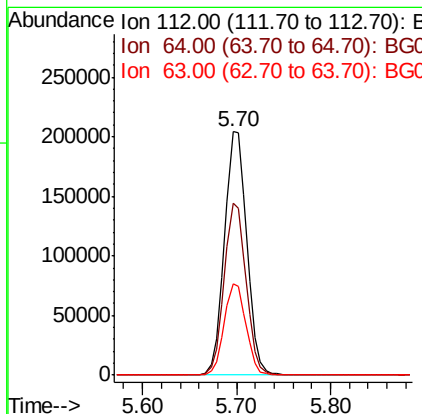
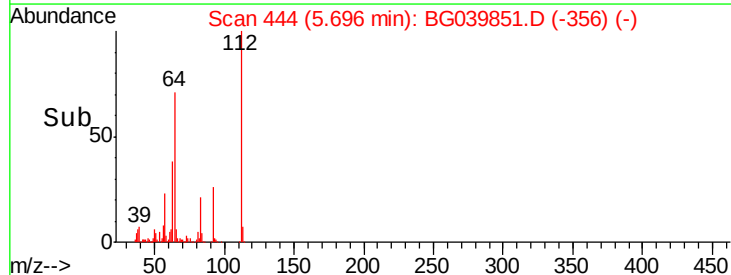


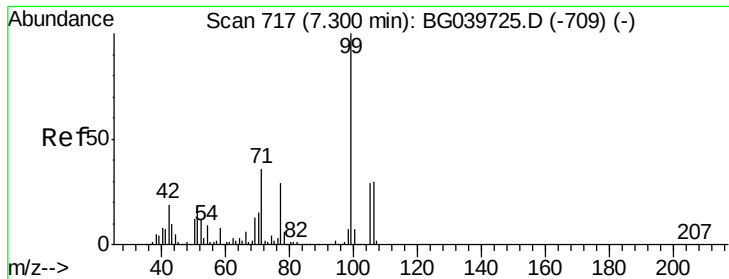
Abundance

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: 139.396 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Instrument :

BNA_G

ClientSampleId :

MR-MH-09-COMP

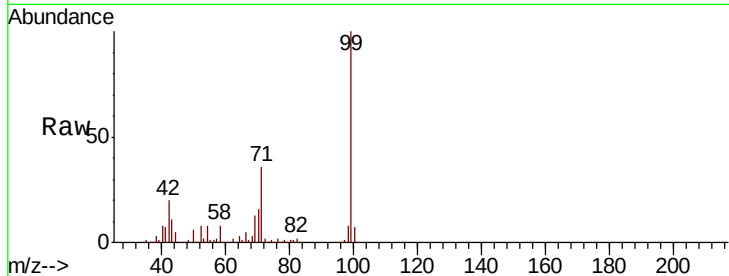
Tot Ion: 99 Resp: 495700

Ion Ratio Lower Upper

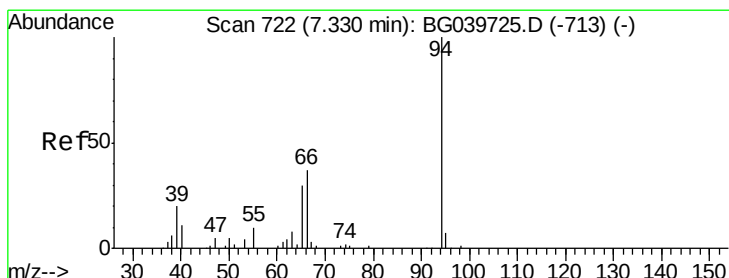
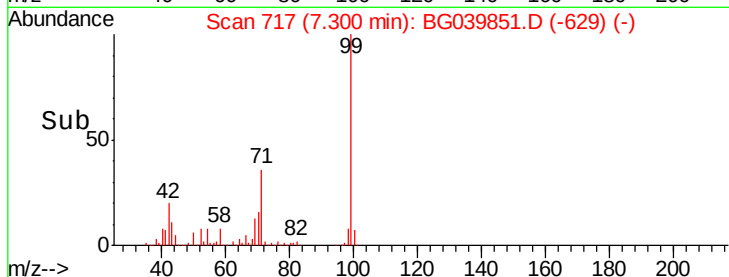
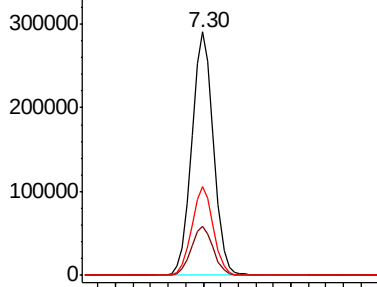
99 100

42 20.4 18.2 27.2

71 36.3 28.0 42.0



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: 3.635 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

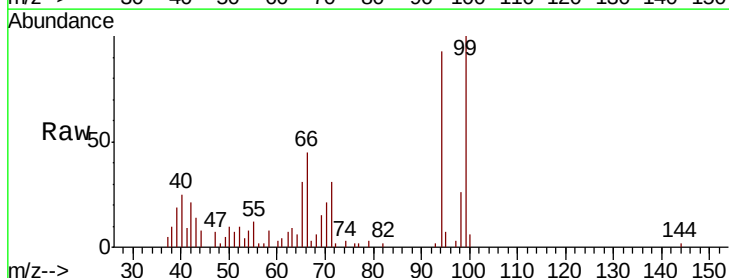
Tgt Ion: 94 Resp: 14004

Ion Ratio Lower Upper

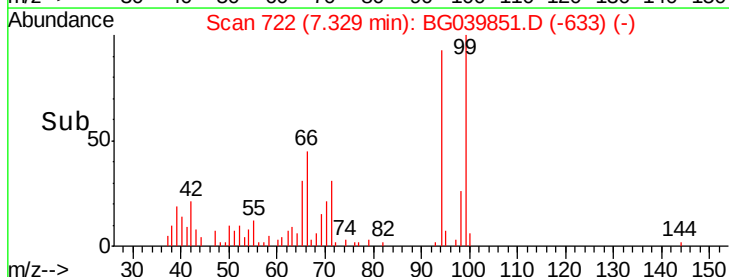
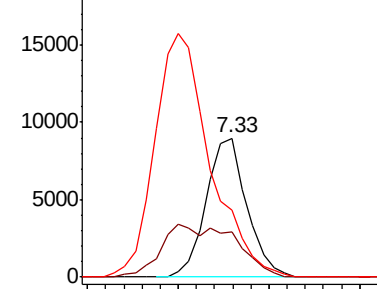
94 100

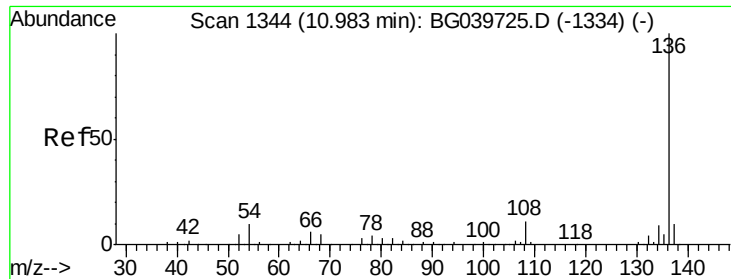
65 32.7 11.7 51.7

66 47.8 23.7 63.7



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

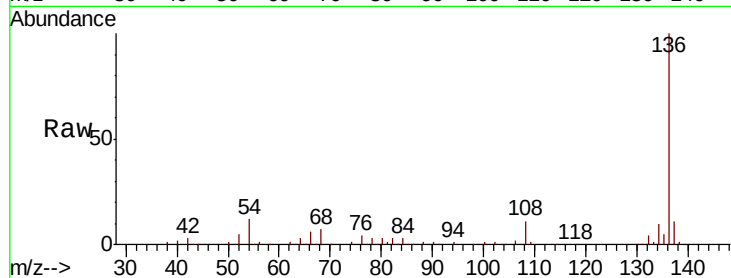




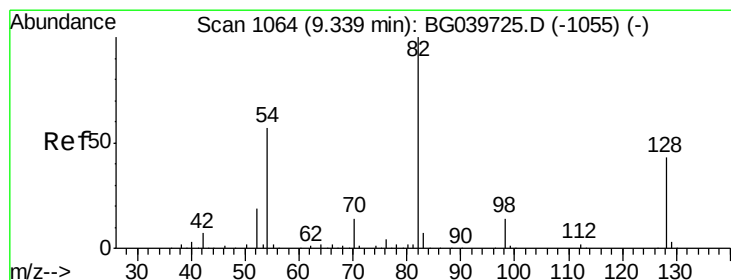
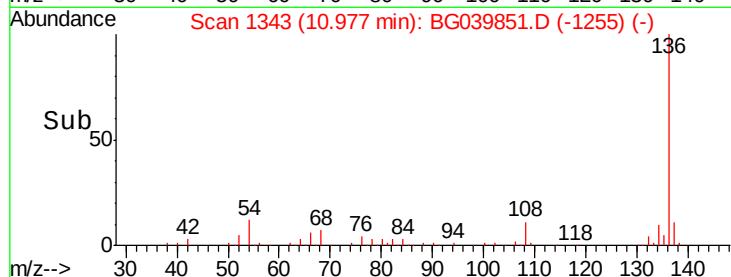
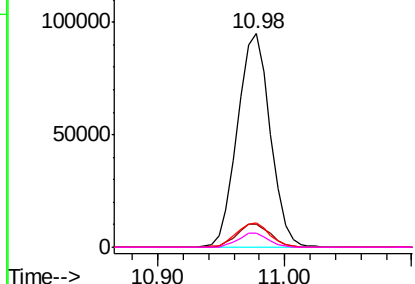
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tot Ion:	136	Resp:	170649
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	11.7	9.4	14.2
68	6.6	4.2	6.4#

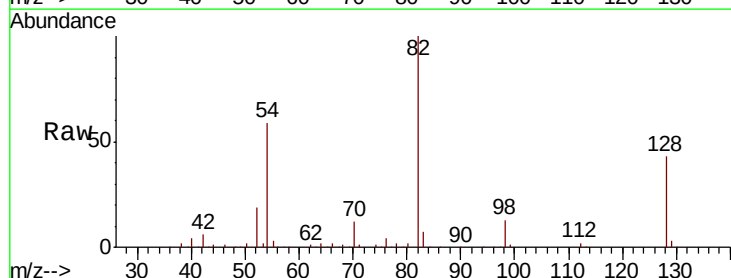


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

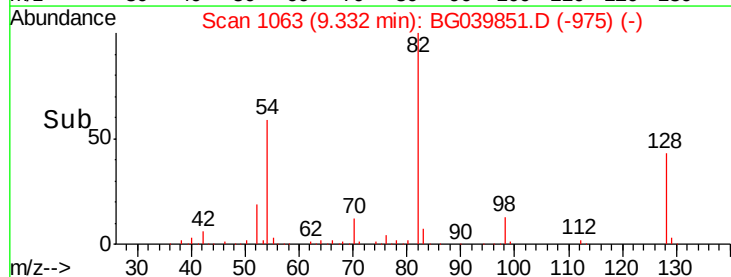
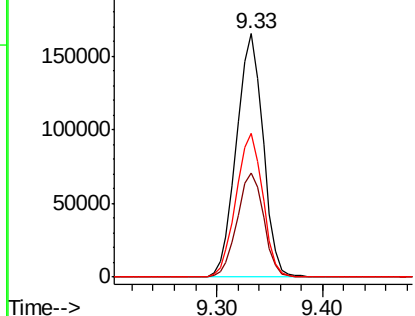


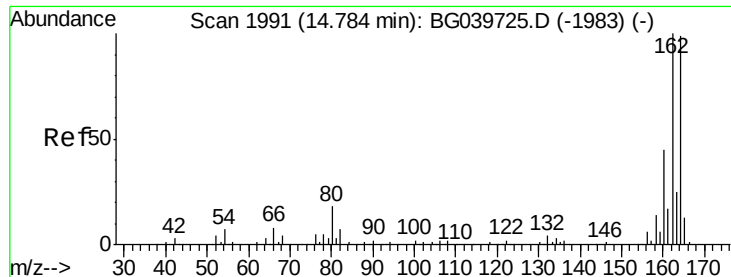
#23
Nitrobenzene-d5
Concen: 91.369 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:	82	Resp:	288294
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	58.8	50.9	76.3



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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Instrument :

BNA_G

ClientSampleId :

MR-MH-09-COMP

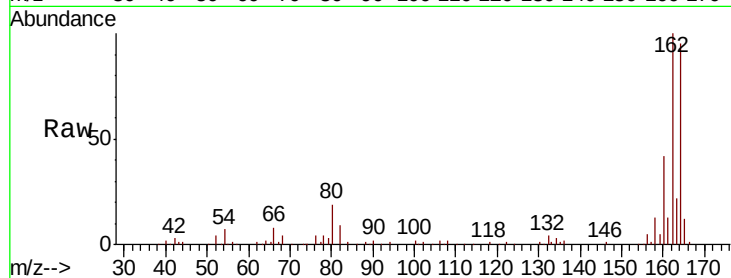
Tot Ion:164 Resp: 120441

Ion Ratio Lower Upper

164 100

162 105.3 81.6 122.4

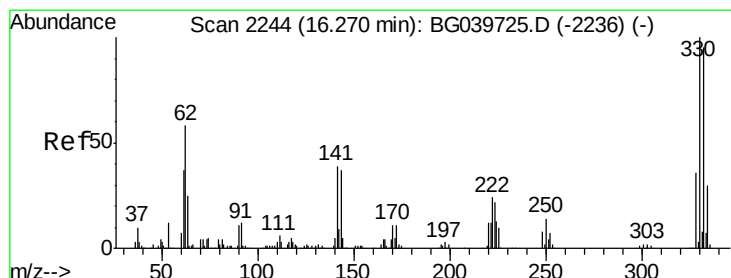
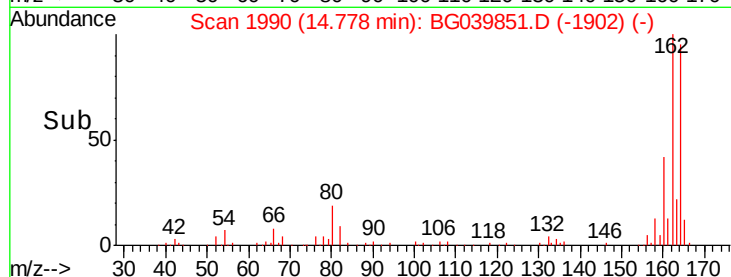
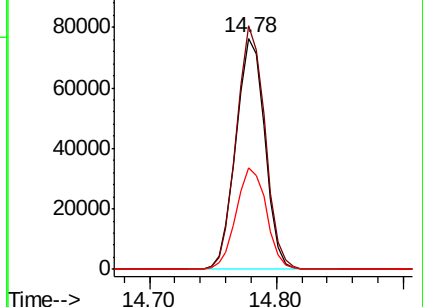
160 43.8 34.2 51.2



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: 145.484 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

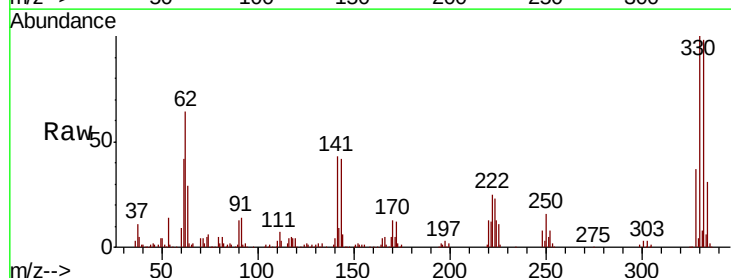
Tgt Ion:330 Resp: 204234

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

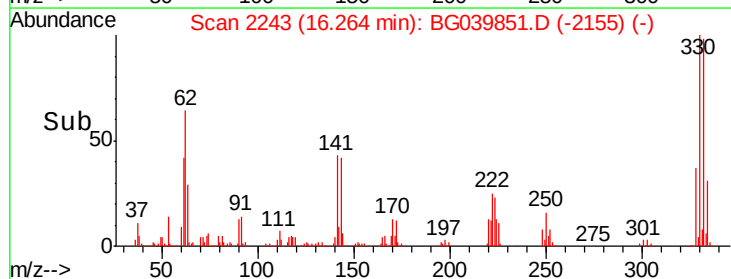
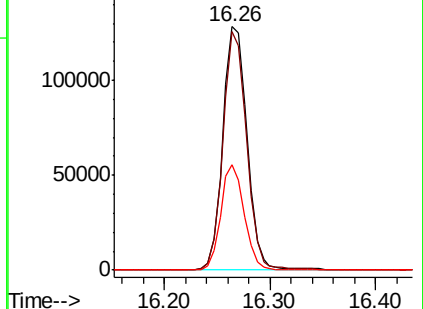
141 42.0 35.6 53.4

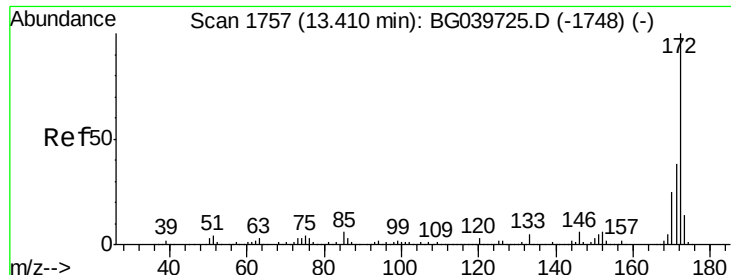


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

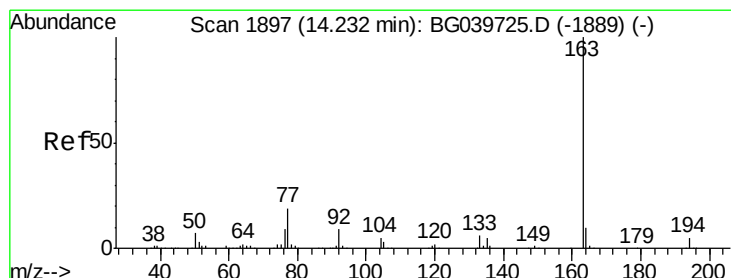
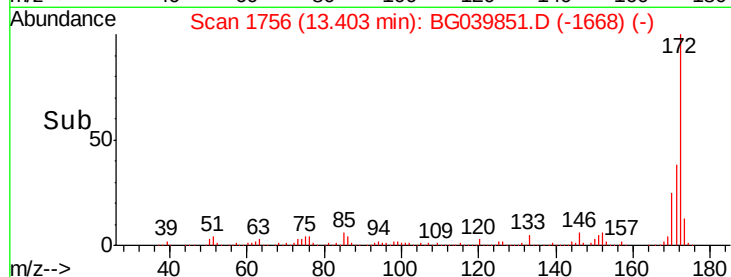
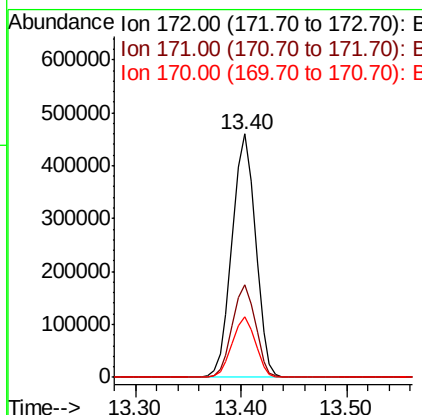
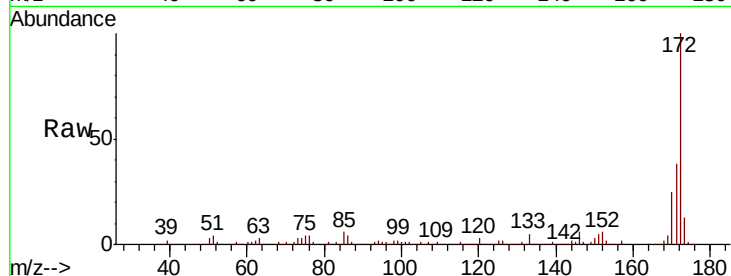




#45
2-Fluorobiphenyl
Concen: 83.554 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

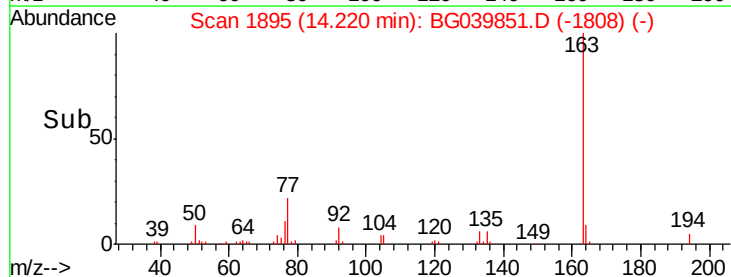
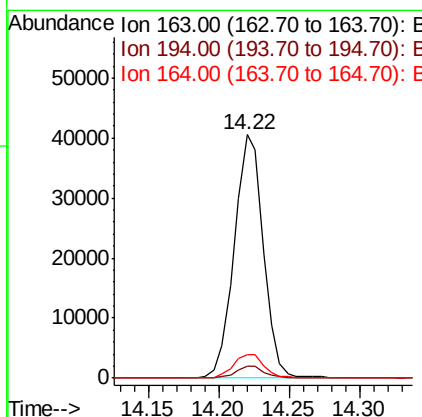
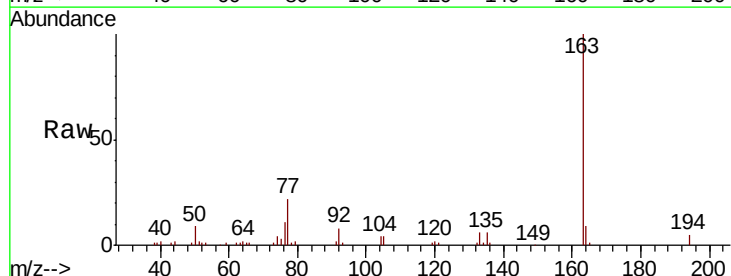
Instrument :
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MR-MH-09-COMP

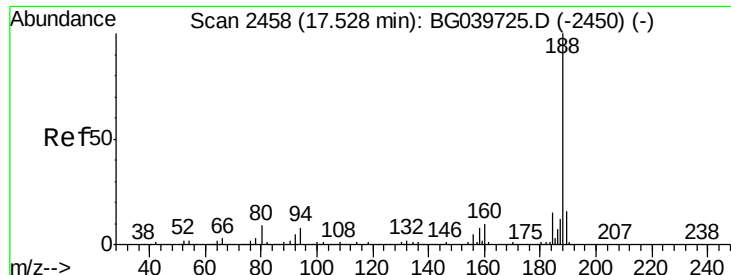
Tot Ion:172 Resp: 706782
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 24.9 20.2 30.4



#50
Dimethylphthalate
Concen: 5.774 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:163 Resp: 58146
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 9.4 8.4 12.6

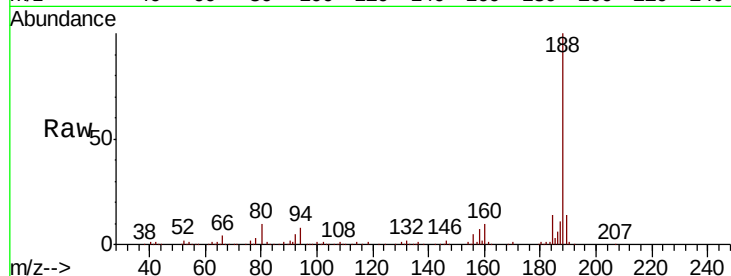




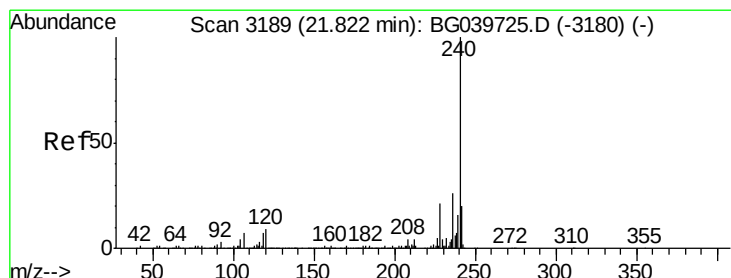
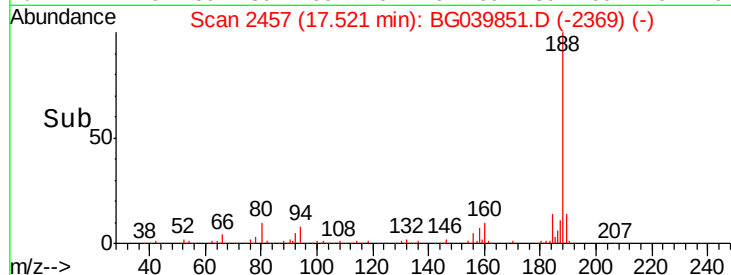
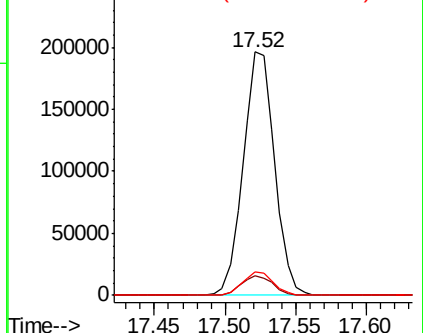
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tot Ion:188 Resp: 304797
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.7 8.1 12.1

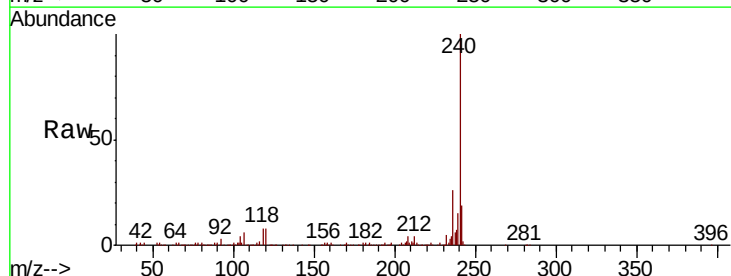


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

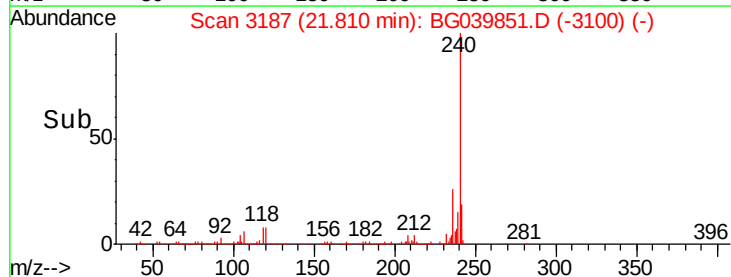
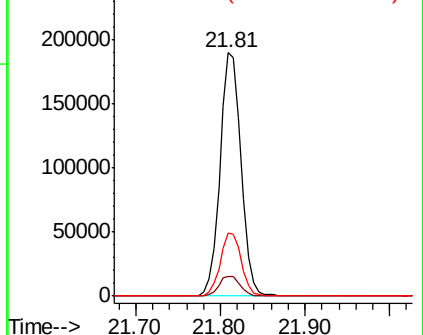


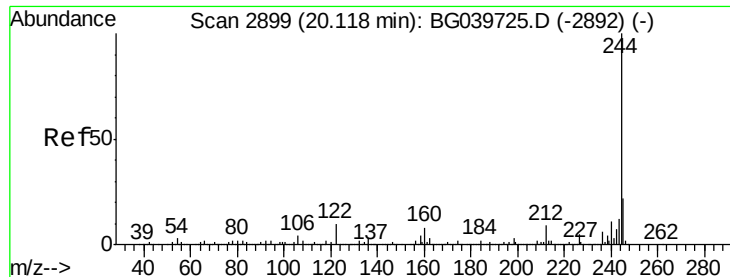
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:240 Resp: 326351
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.8 21.0 31.4



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: 79.037 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Instrument :

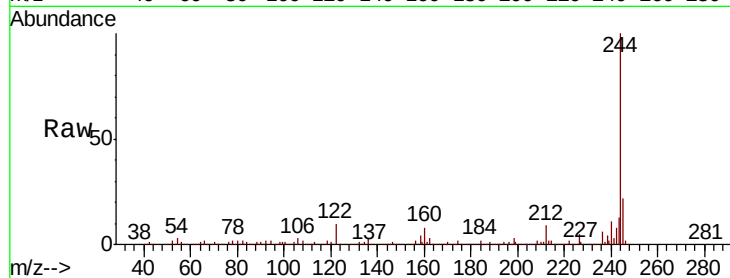
BNA_G

ClientSampleId :

MR-MH-09-COMP

Tot Ion:244 Resp: 1171478

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.6	8.4	12.6

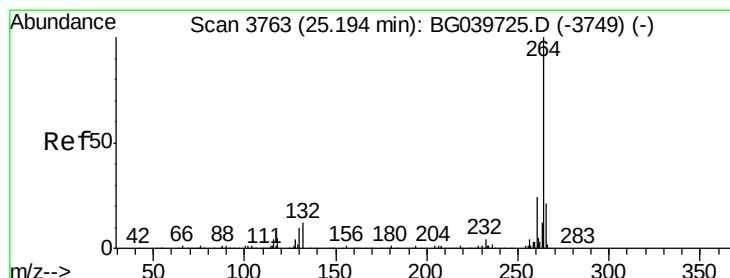
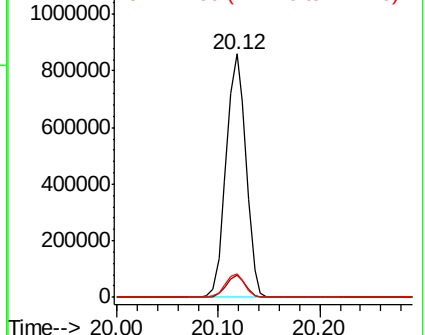
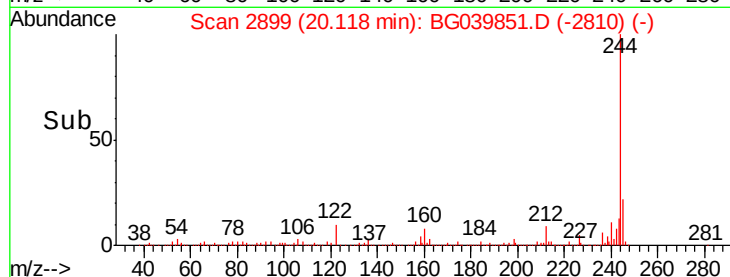


Abundance

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: 25.18 min Scan# 3761

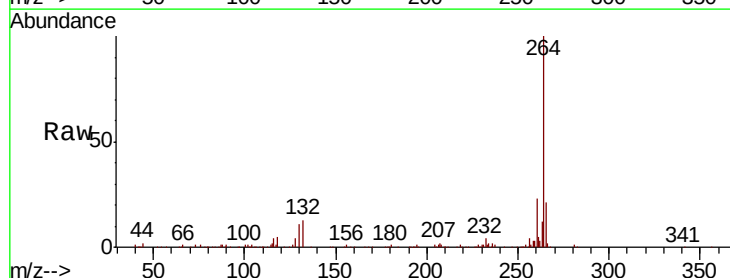
Delta R.T. -0.02 min

Lab File: BG039851.D

Acq: 11 Mar 2019 21:07

Tgt Ion:264 Resp: 325575

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.4	18.5	27.7



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

