

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039852.D
 Acq On : 11 Mar 2019 21:47
 Operator : JU/SJ
 Sample : K1837-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-06-COMP

Quant Time: Mar 12 04:11:26 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

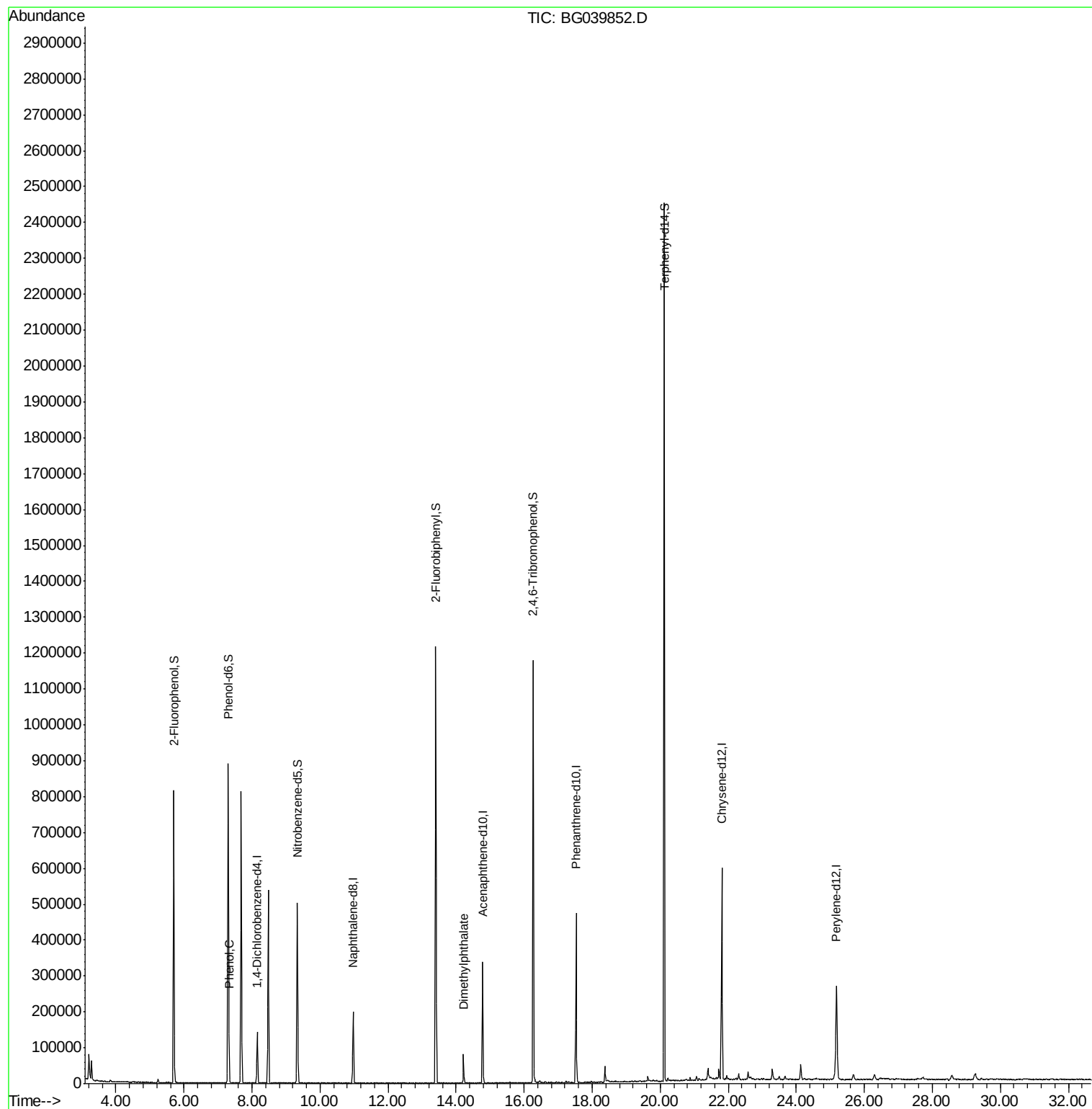
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37912	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	164390	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	116011	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	294888	20.00	ng	0.00
76) Chrysene-d12	21.81	240	300952	20.00	ng	-0.02
87) Perylene-d12	25.18	264	303501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	343904	154.75	ng	0.00
7) Phenol-d6	7.30	99	509026	153.62	ng	-0.01
23) Nitrobenzene-d5	9.33	82	294941	97.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	204127	150.96	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	632361	77.61	ng	-0.01
79) Terphenyl-d14	20.12	244	1120006	81.94	ng	0.00
Target Compounds						
10) Phenol	7.33	94	14608	4.070	ng	99
50) Dimethylphthalate	14.22	163	53035	5.467	ng	99

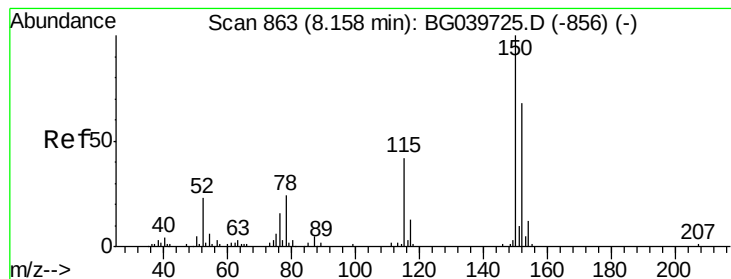
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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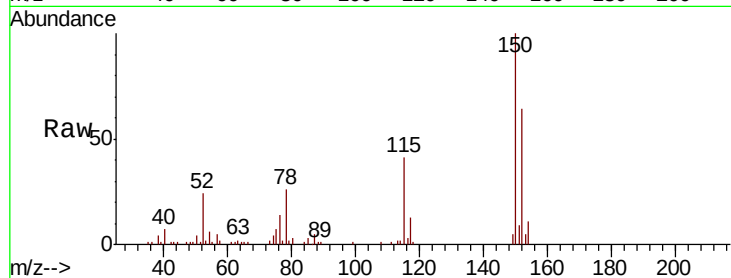


#1

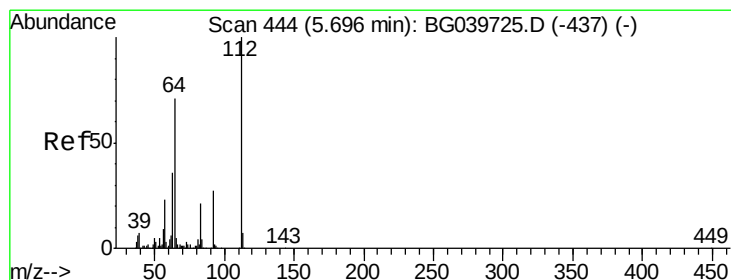
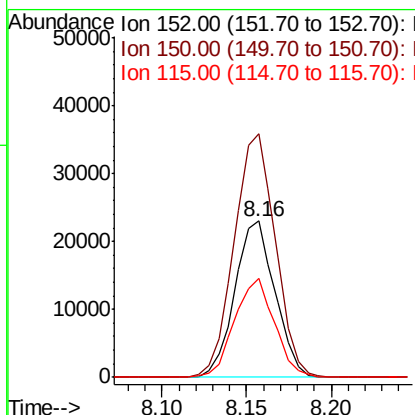
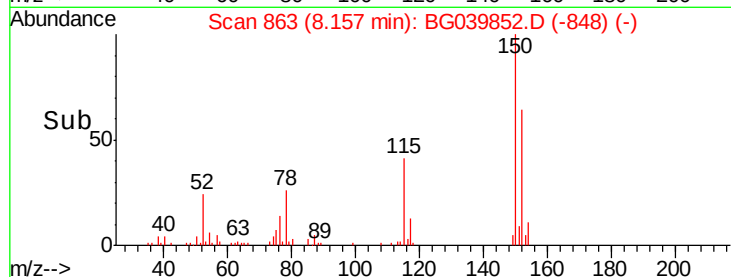
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tot Ion:152 Resp: 37912
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 63.6 45.9 68.9



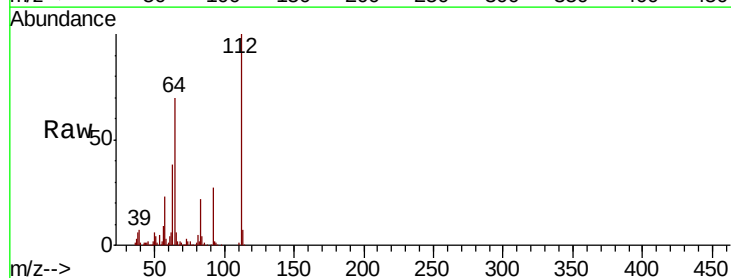
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



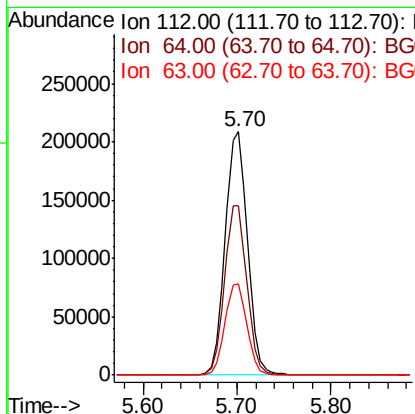
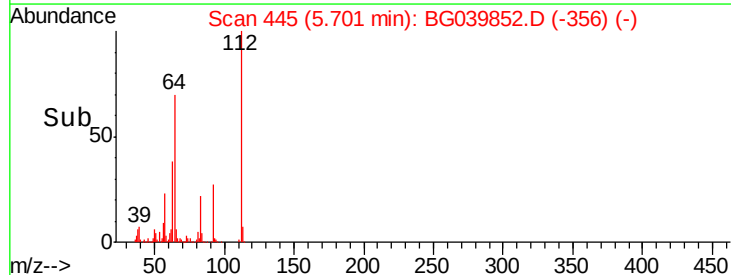
#5

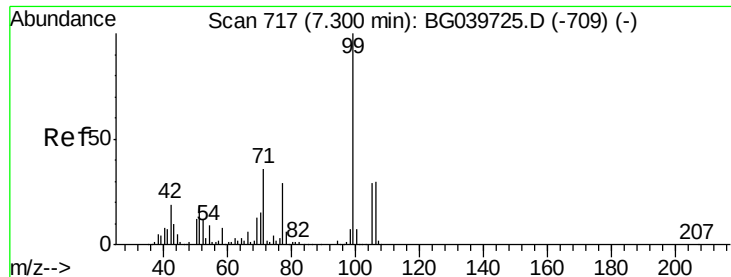
2-Fluorophenol
Concen: 154.754 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:112 Resp: 343904
Ion Ratio Lower Upper
112 100
64 69.7 57.8 86.8
63 37.5 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: 153.621 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

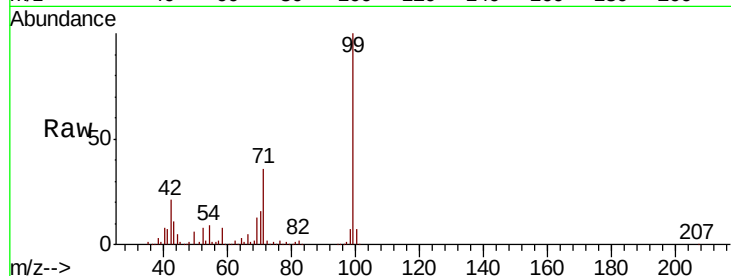
Tot Ion: 99 Resp: 509026

Ion Ratio Lower Upper

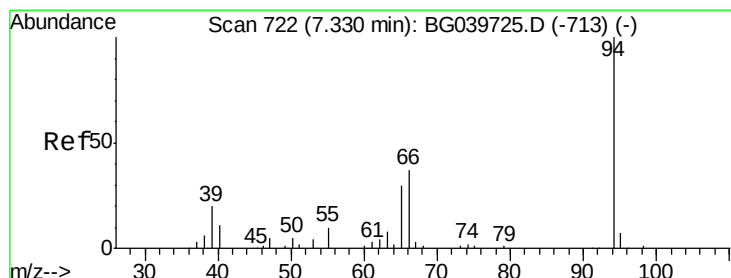
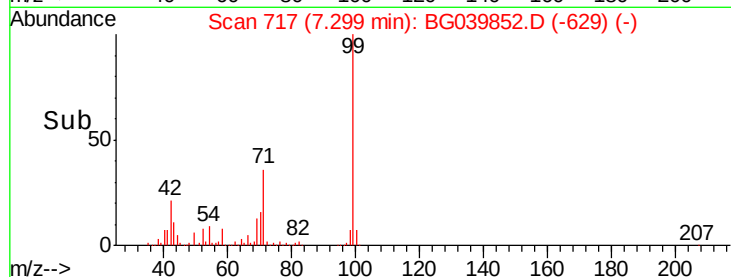
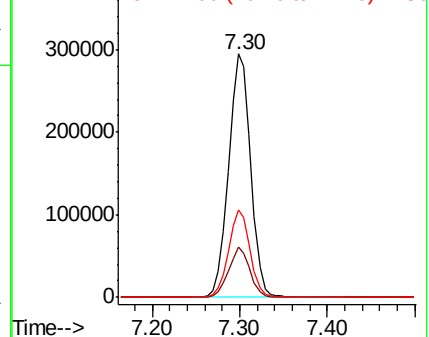
99 100

42 20.6 18.2 27.2

71 35.8 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: 4.070 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

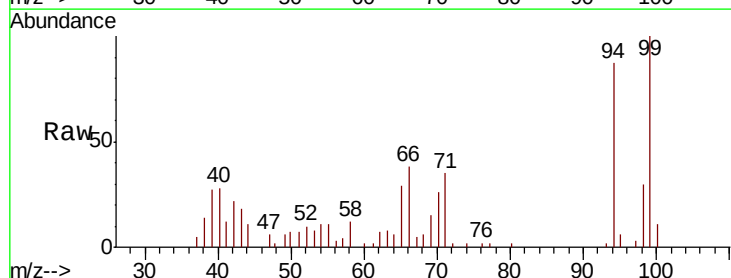
Tgt Ion: 94 Resp: 14608

Ion Ratio Lower Upper

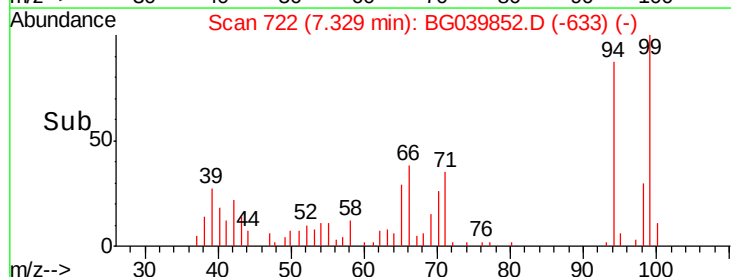
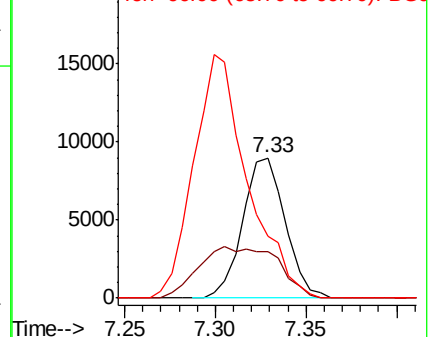
94 100

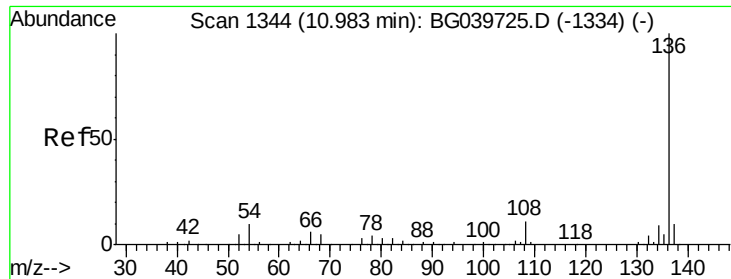
65 33.4 11.7 51.7

66 43.8 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

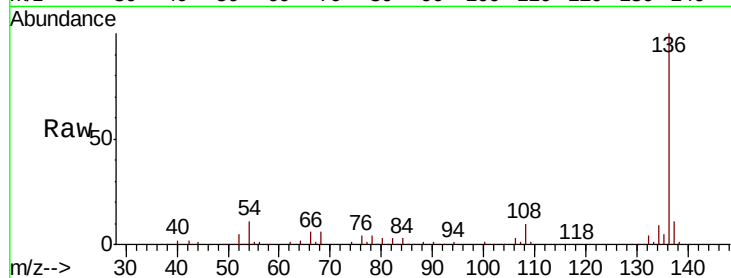




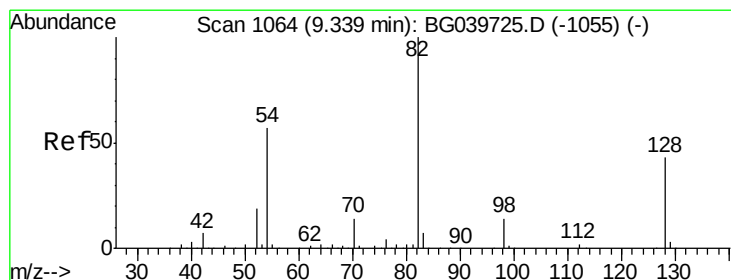
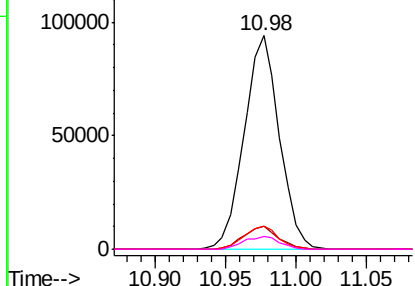
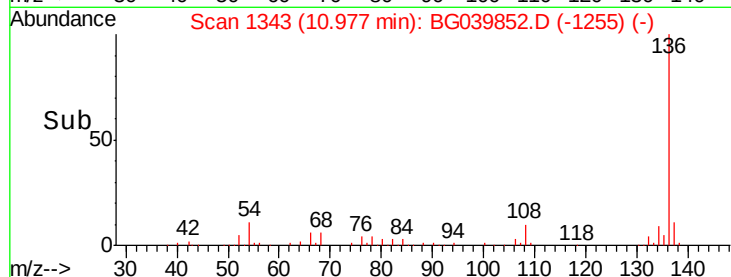
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tot Ion:136	Resp:	164390
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	10.6	9.4 14.2
68	6.1	4.2 6.4

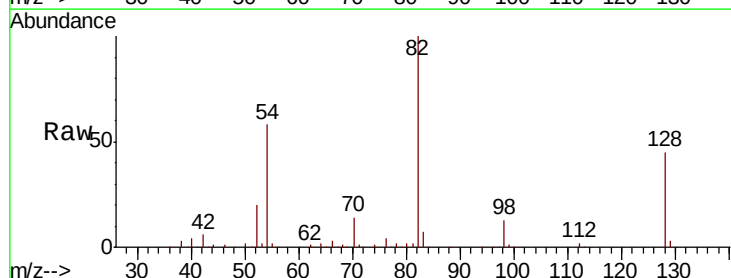


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

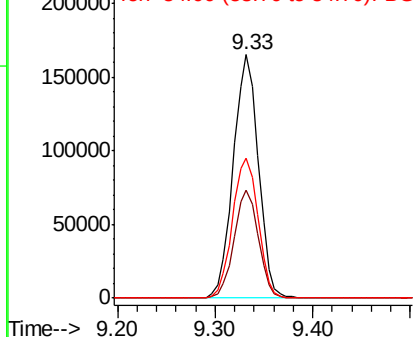
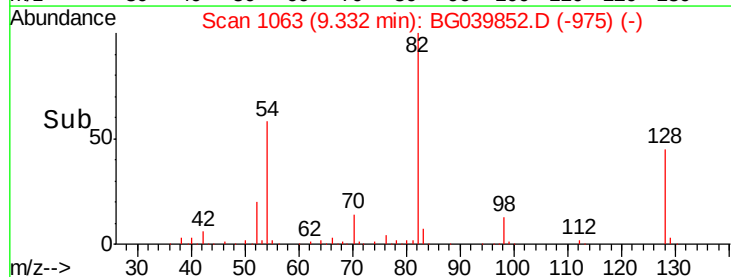


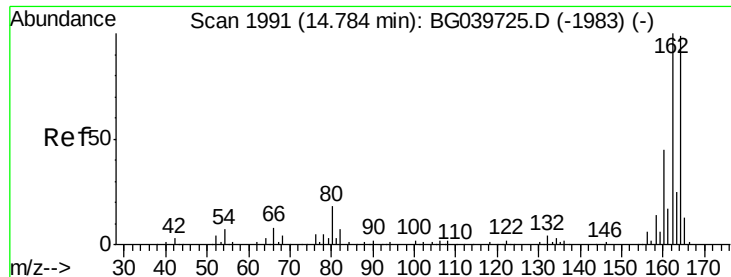
#23
Nitrobenzene-d5
Concen: 97.035 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion: 82	Resp:	294941
Ion	Ratio	Lower Upper
82	100	
128	44.6	31.3 46.9
54	57.6	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG039852.D

Acq: 11 Mar 2019 21:47

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

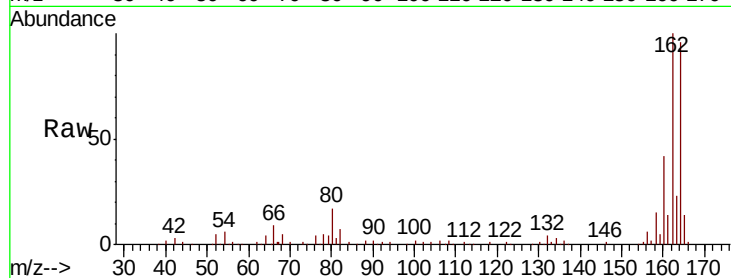
Tot Ion:164 Resp: 116011

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

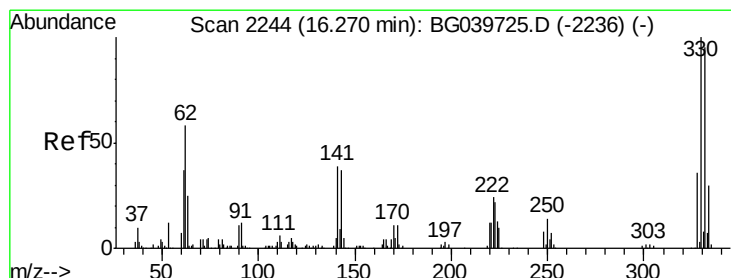
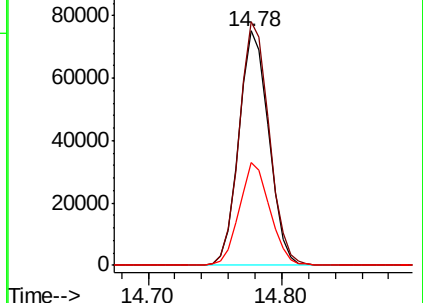
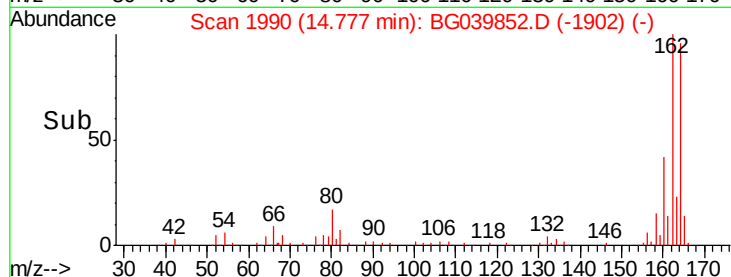
160 44.0 34.2 51.2



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: 150.960 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

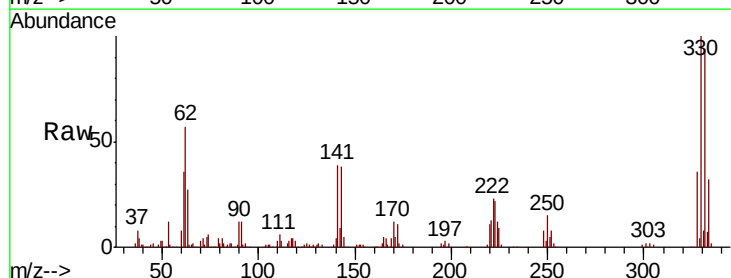
Tgt Ion:330 Resp: 204127

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

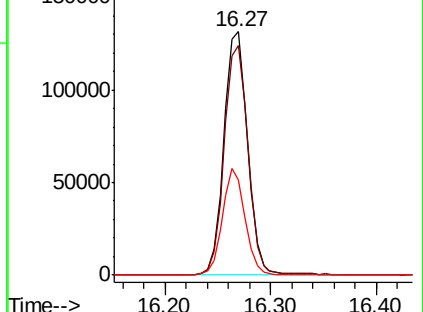
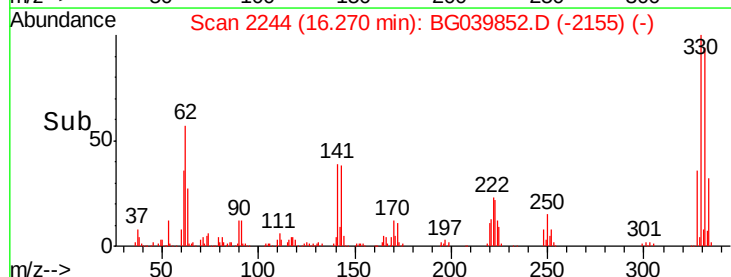
141 42.0 35.6 53.4

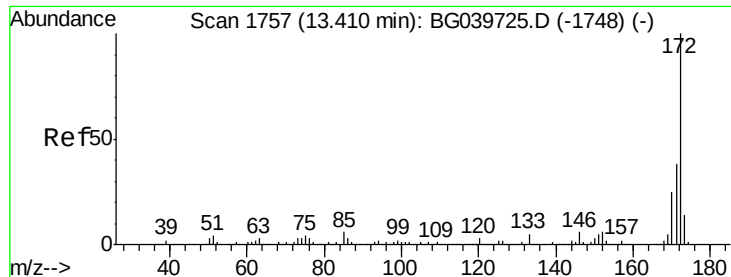


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

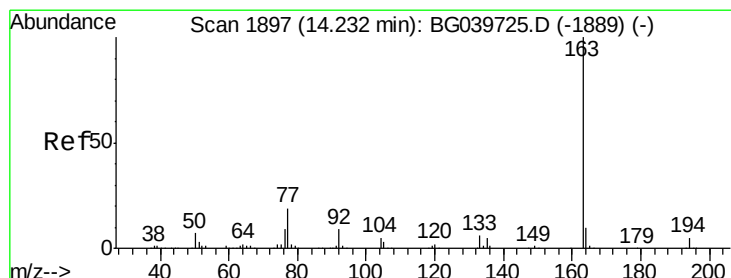
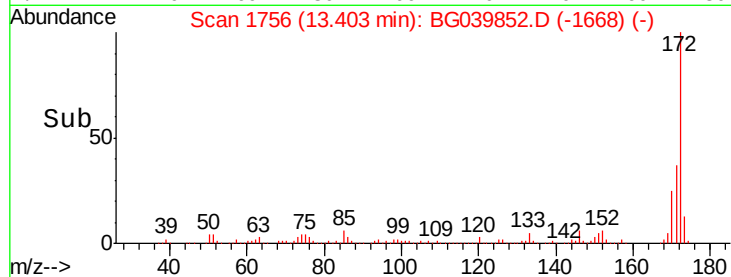
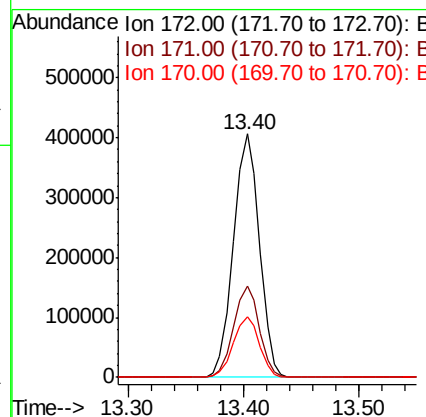
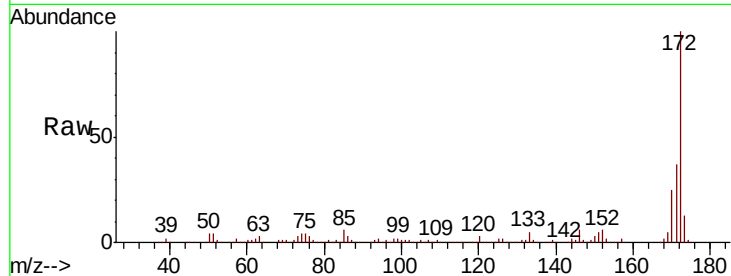




#45
2-Fluorobiphenyl
Concen: 77.611 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

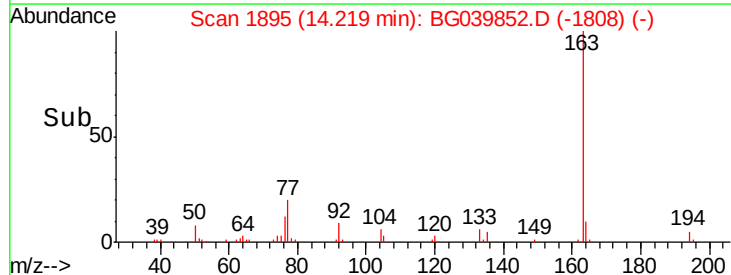
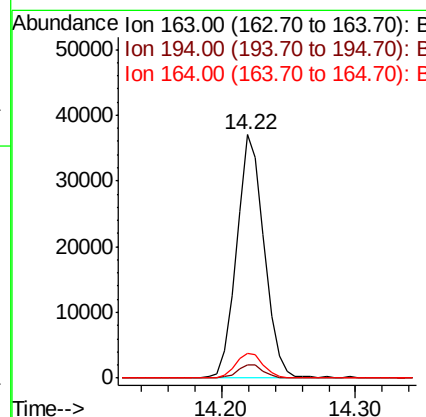
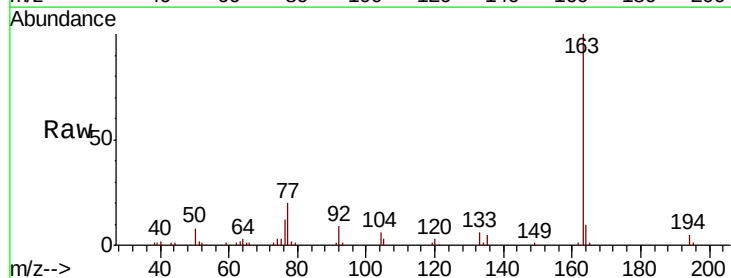
Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

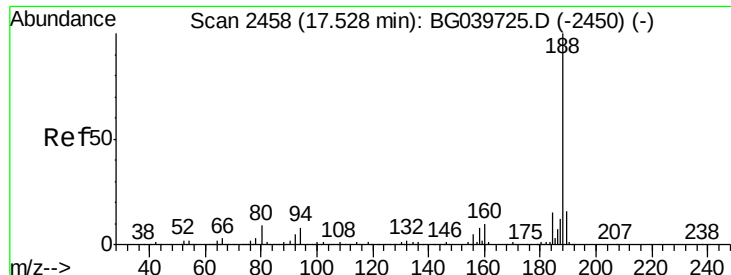
Tot Ion:172 Resp: 632361
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 25.1 20.2 30.4



#50
Dimethylphthalate
Concen: 5.467 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:163 Resp: 53035
Ion Ratio Lower Upper
163 100
194 5.3 3.6 5.4
164 10.3 8.4 12.6

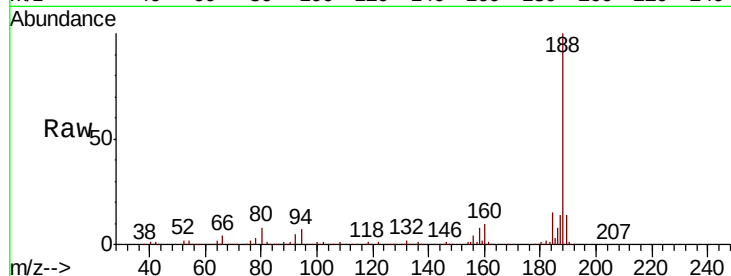




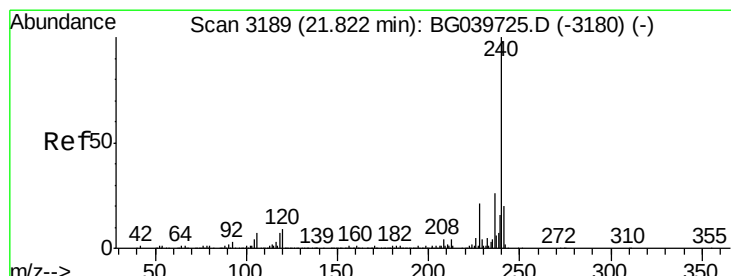
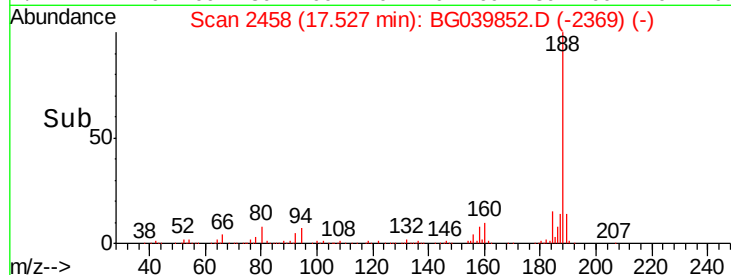
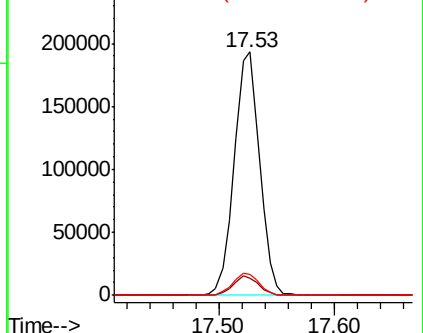
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Instrument :
BNA_G
ClientSampleId :
MR-MH-06-COMP

Tot Ion:188 Resp: 294888
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.4 8.1 12.1

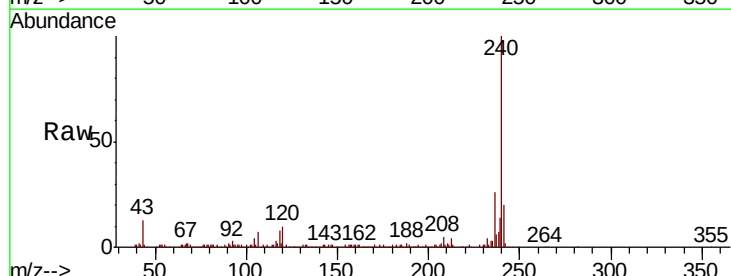


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

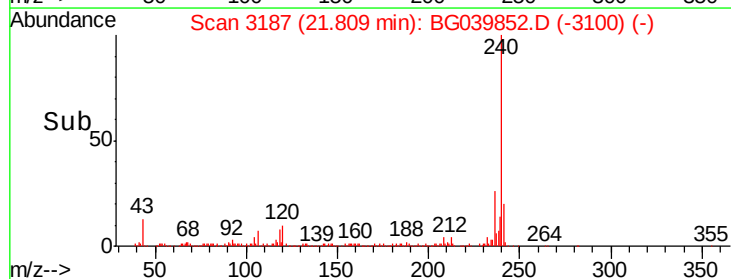
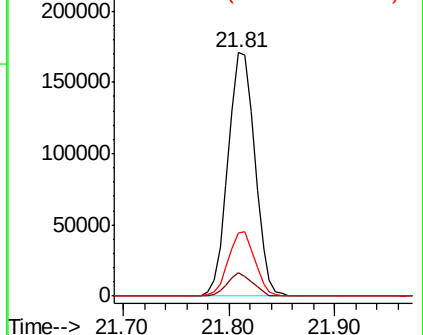


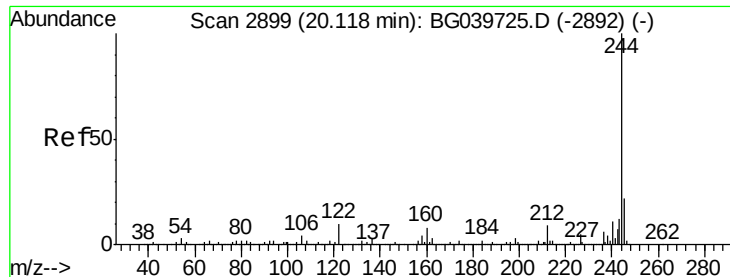
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039852.D
Acq: 11 Mar 2019 21:47

Tgt Ion:240 Resp: 300952
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.1 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: 81.941 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039852.D

Acq: 11 Mar 2019 21:47

Instrument :

BNA_G

ClientSampleId :

MR-MH-06-COMP

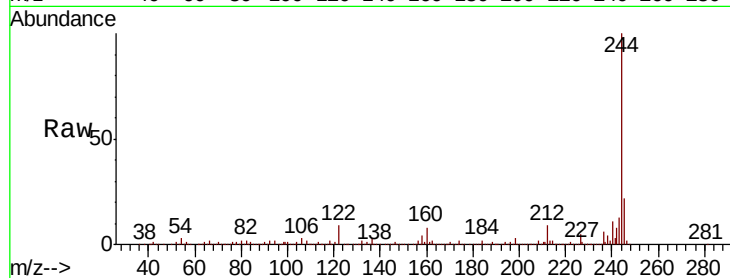
Tot Ion:244 Resp: 1120006

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.5	8.4	12.6

244 100

212 8.8 7.3 10.9

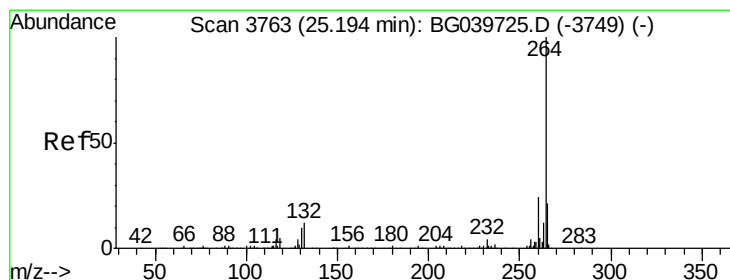
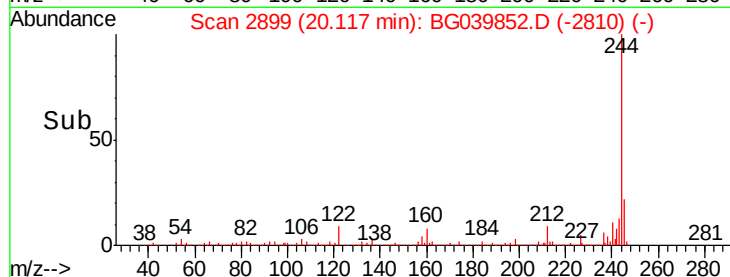
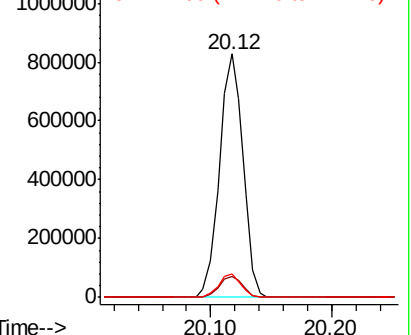
122 9.5 8.4 12.6



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: BG039852.D

Acq: 11 Mar 2019 21:47

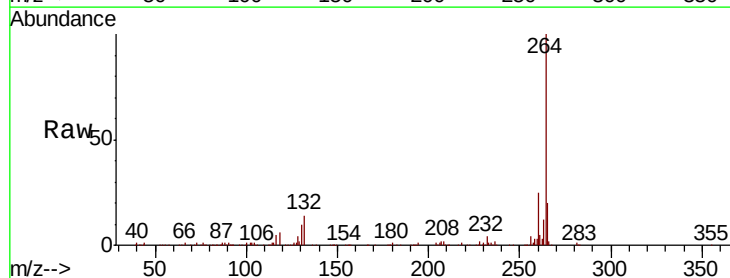
Tgt Ion:264 Resp: 303501

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	20.4	18.5	27.7

264 100

260 25.0 18.2 27.4

265 20.4 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

