

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039790.D
 Acq On : 6 Mar 2019 16:48
 Operator : JU/SJ
 Sample : K1704-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW003-022719

Quant Time: Mar 07 00:39:57 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

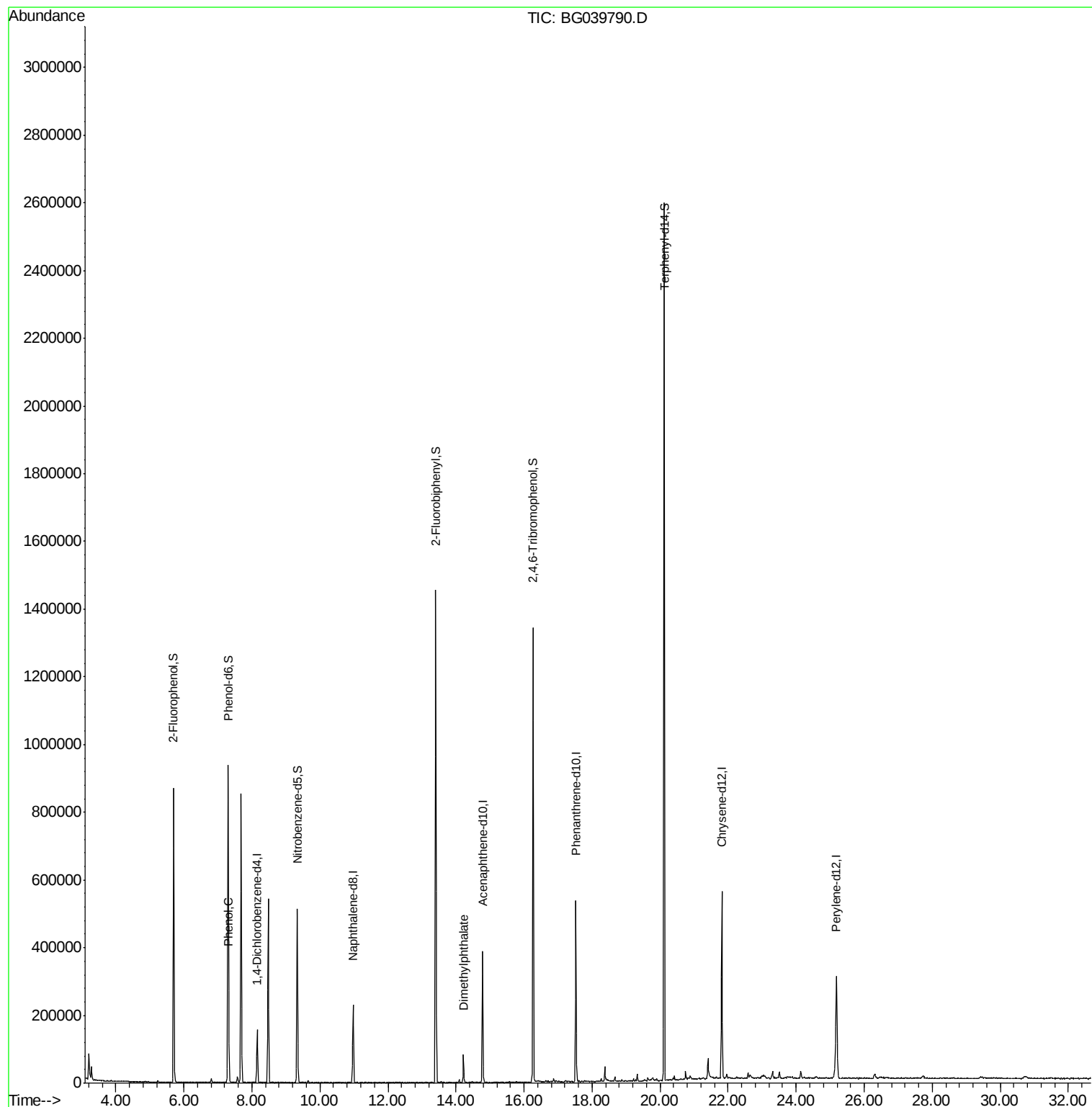
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43370	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	195709	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	136705	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	339946	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	331904	20.00	ng	-0.02
87) Perylene-d12	25.18	264	335896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	358364	140.97	ng	-0.01
7) Phenol-d6	7.30	99	538772	142.14	ng	-0.01
23) Nitrobenzene-d5	9.33	82	307356	84.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	221383	138.94	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	769791	80.18	ng	-0.01
79) Terphenyl-d14	20.12	244	1185061	78.62	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15717	3.827	ng	93
50) Dimethylphthalate	14.22	163	54596	4.776	ng	99

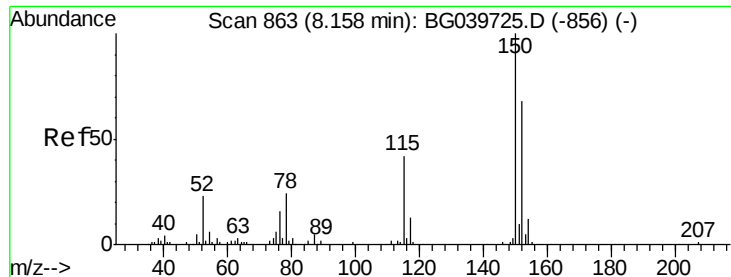
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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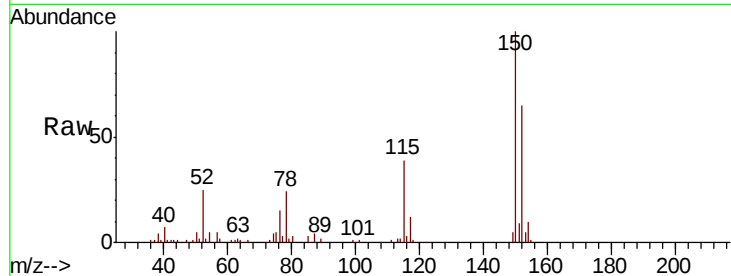


#1

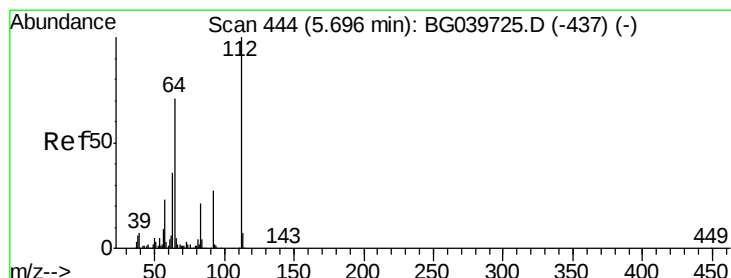
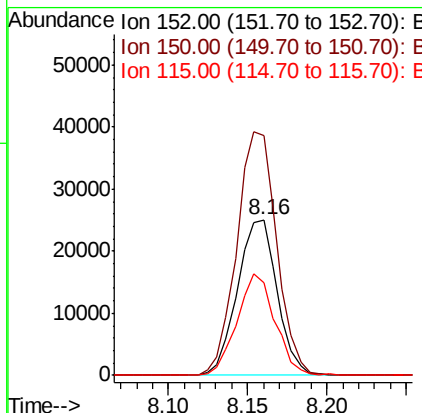
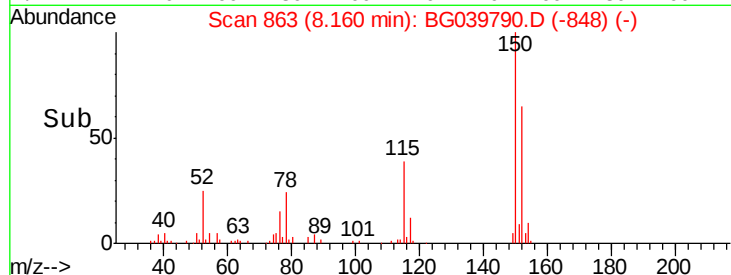
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tot Ion:152 Resp: 43370
Ion Ratio Lower Upper
152 100
150 154.1 123.7 185.5
115 59.5 45.9 68.9



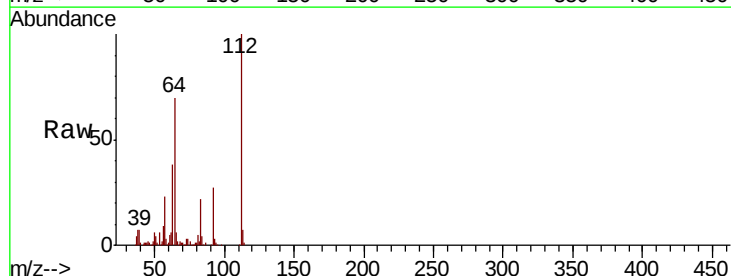
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



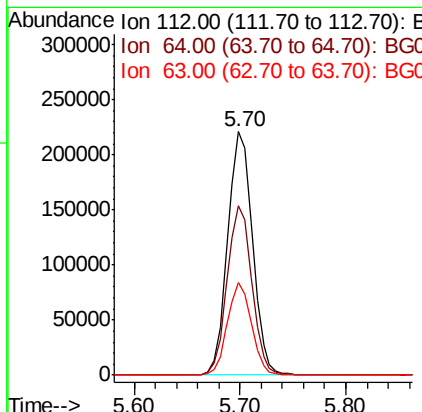
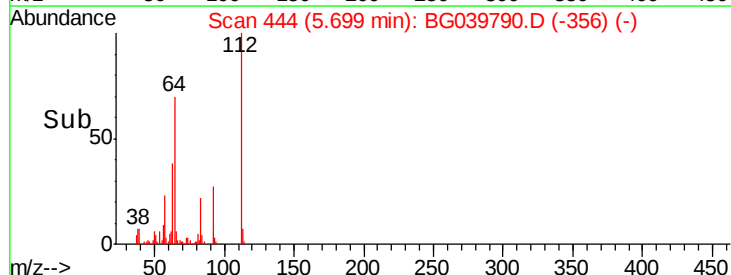
#5

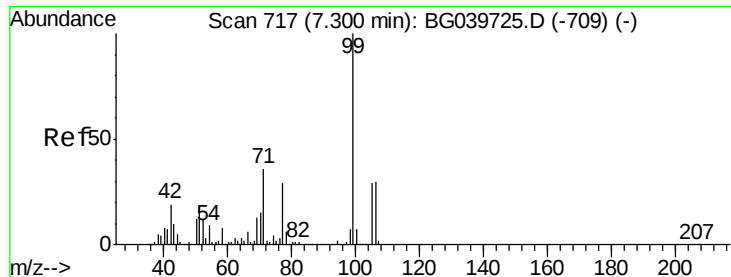
2-Fluorophenol
Concen: 140.967 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:112 Resp: 358364
Ion Ratio Lower Upper
112 100
64 69.7 57.8 86.8
63 37.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.135 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039790.D

Acq: 6 Mar 2019 16:48

Instrument :

BNA_G

ClientSampleId :

PST-028-SW003-022719

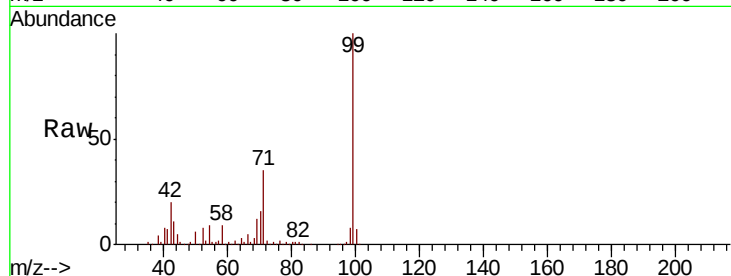
Tot Ion: 99 Resp: 538772

Ion Ratio Lower Upper

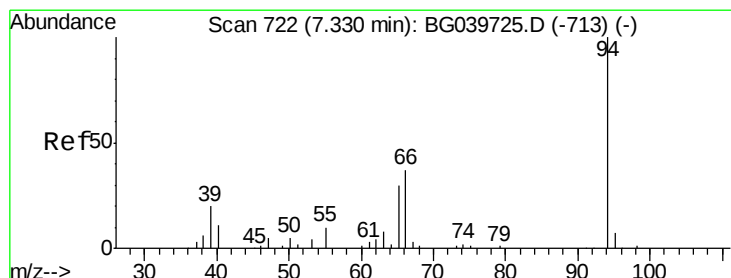
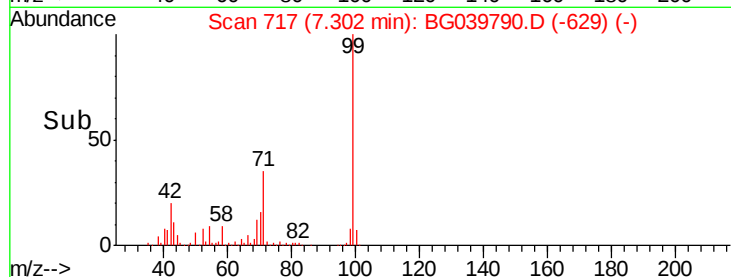
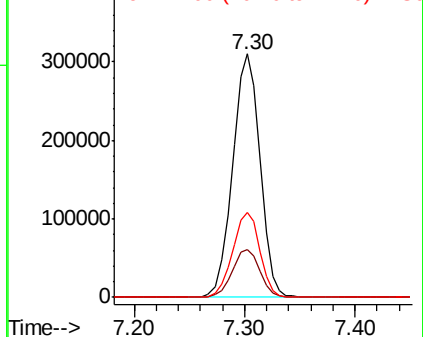
99 100

42 19.8 18.2 27.2

71 35.1 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: 3.827 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039790.D

Acq: 6 Mar 2019 16:48

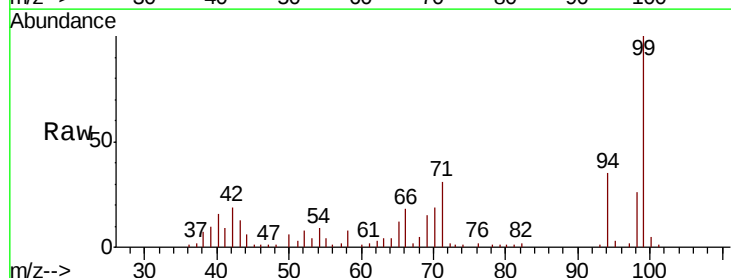
Tgt Ion: 94 Resp: 15717

Ion Ratio Lower Upper

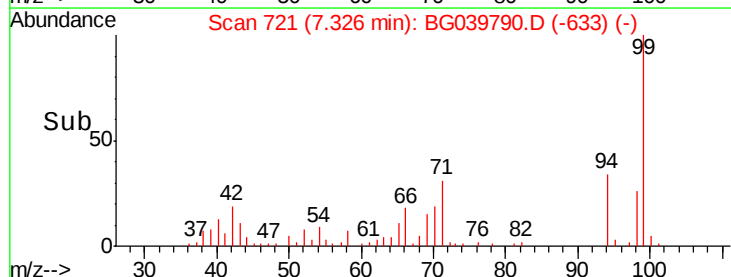
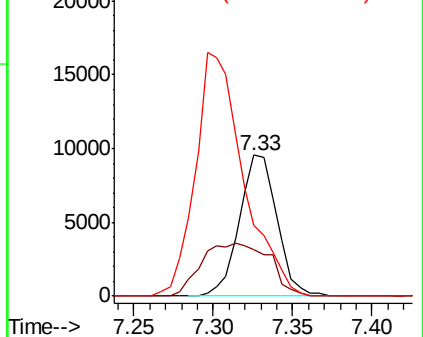
94 100

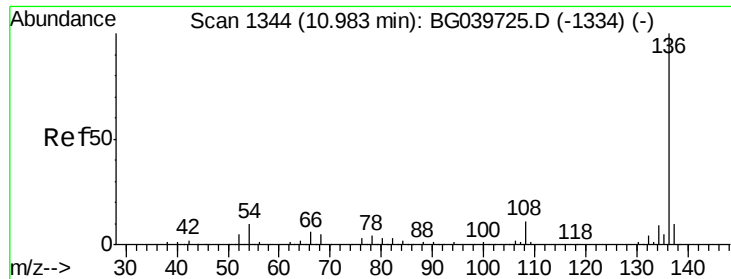
65 33.1 11.7 51.7

66 50.3 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

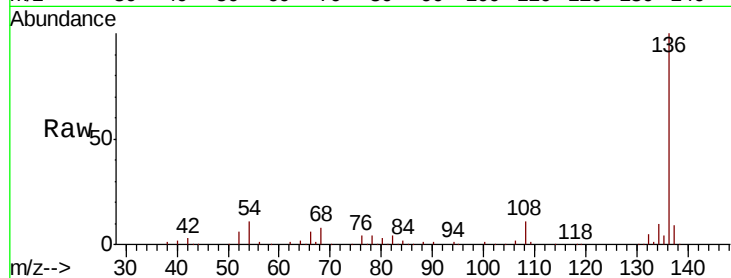




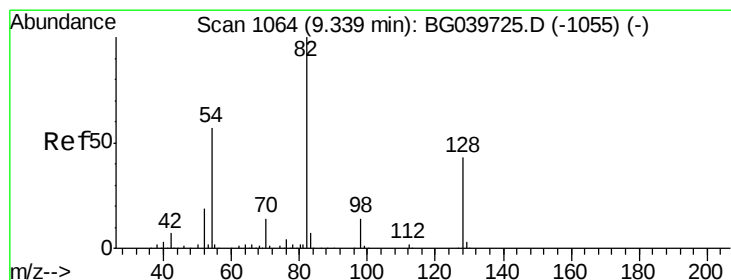
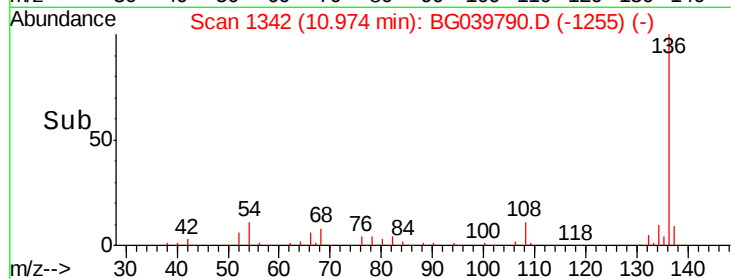
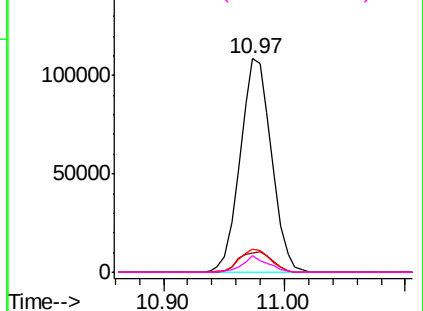
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tot Ion:	136	Resp:	195709
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.1	13.7
54	11.1	9.4	14.2
68	7.8	4.2	6.4#

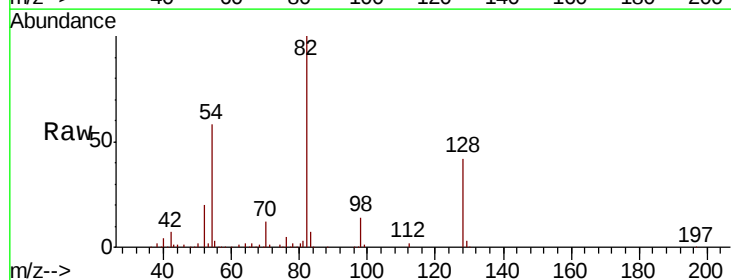


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

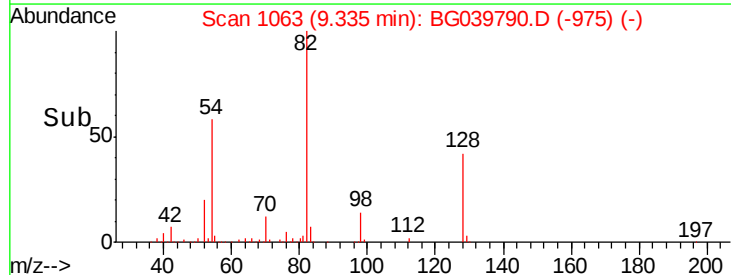
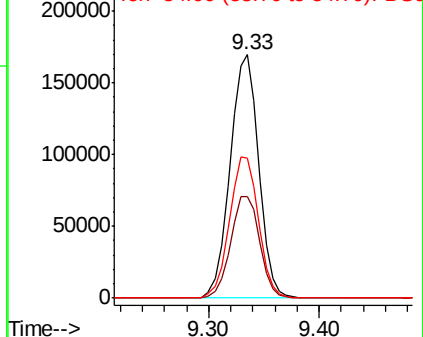


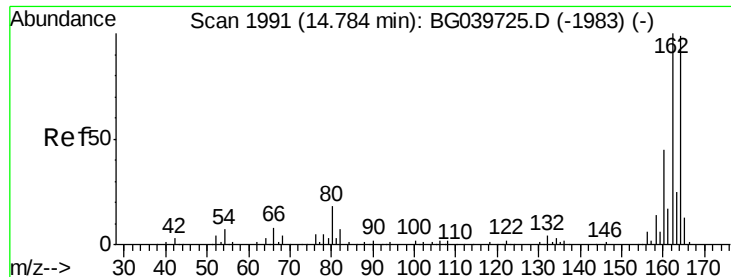
#23
Nitrobenzene-d5
Concen: 84.938 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:	82	Resp:	307356
Ion	Ratio	Lower	Upper
82	100		
128	41.8	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: BG039790.D

Acq: 6 Mar 2019 16:48

Instrument :

BNA_G

ClientSampleId :

PST-028-SW003-022719

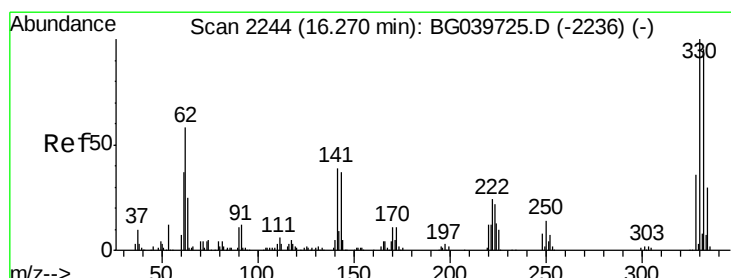
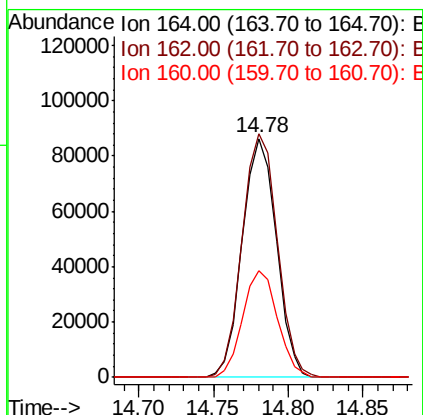
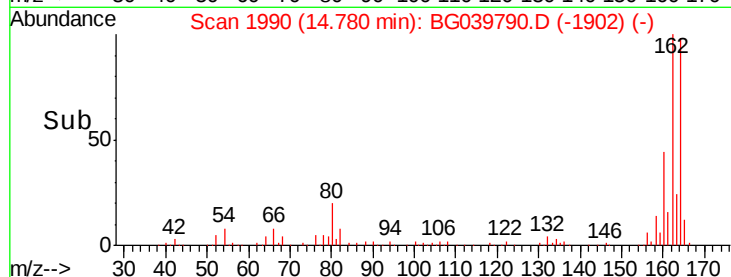
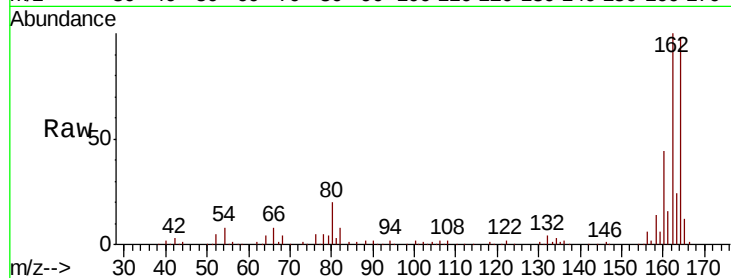
Tot Ion:164 Resp: 136705

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 44.7 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 138.938 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039790.D

Acq: 6 Mar 2019 16:48

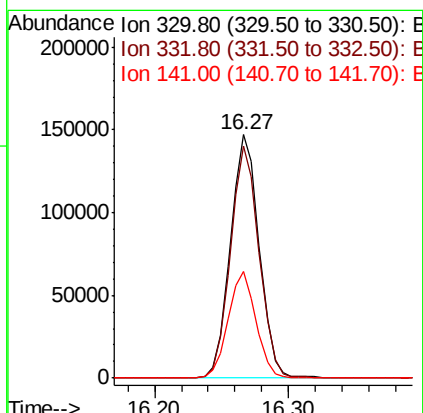
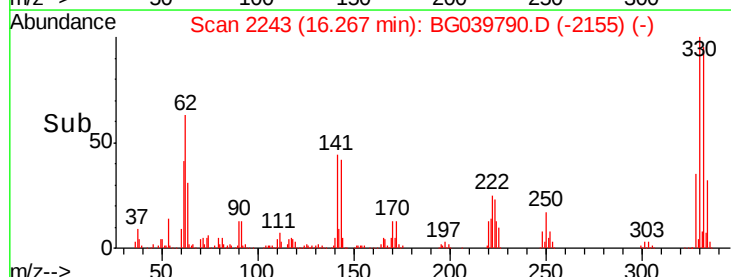
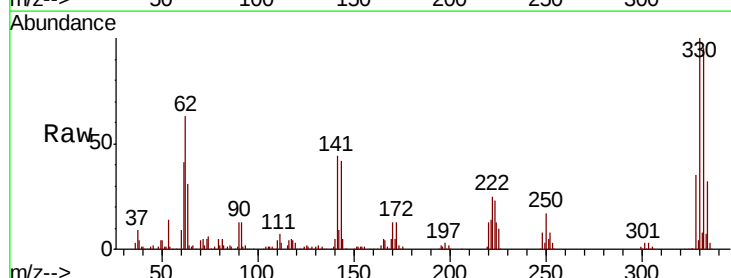
Tgt Ion:330 Resp: 221383

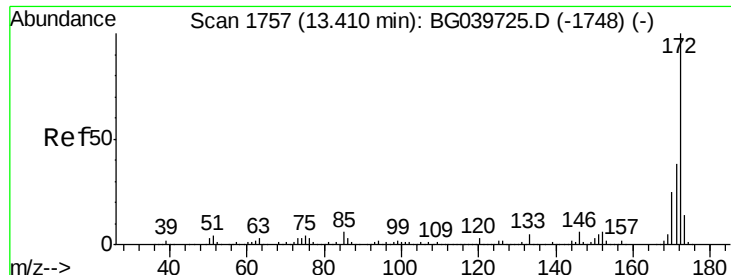
Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

141 42.5 35.6 53.4

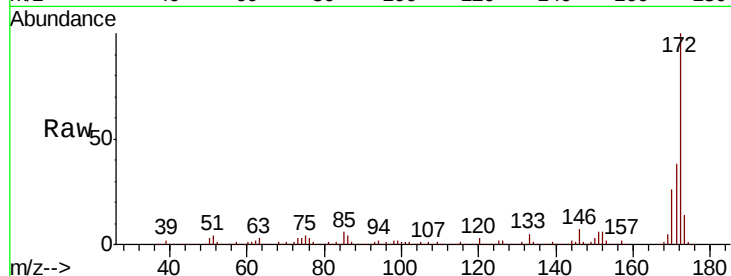




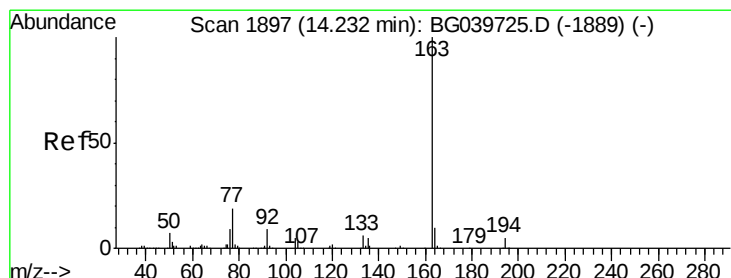
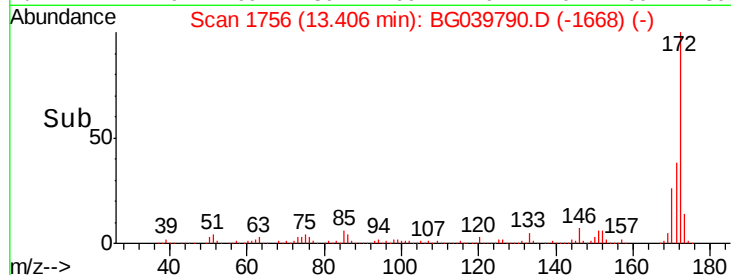
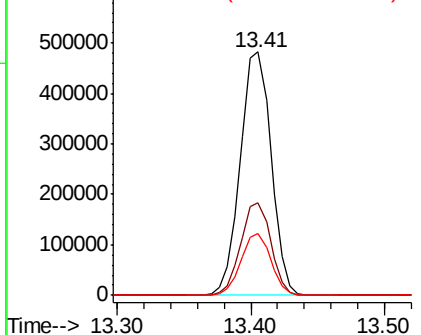
#45
2-Fluorobiphenyl
Concen: 80.176 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Instrument :
BNA_G
ClientSampleId :
PST-028-SW003-022719

Tot Ion:172 Resp: 769791
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 25.6 20.2 30.4

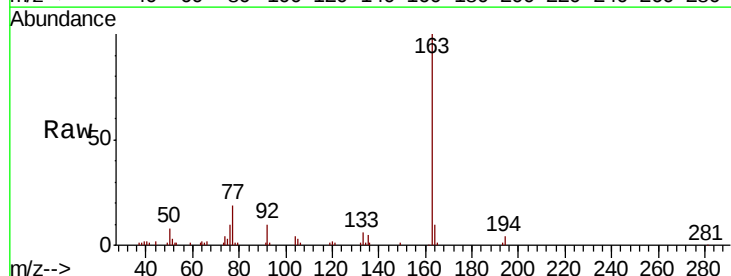


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

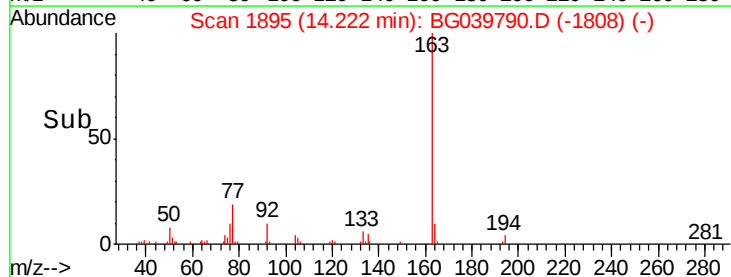
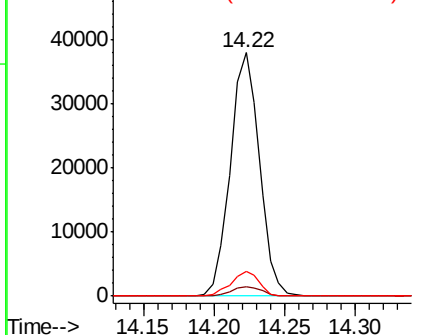


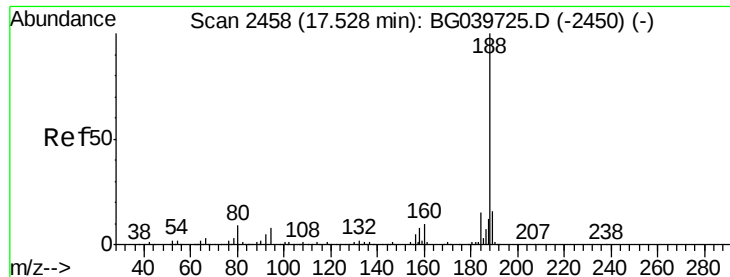
#50
Dimethylphthalate
Concen: 4.776 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:163 Resp: 54596
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.1 8.4 12.6



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

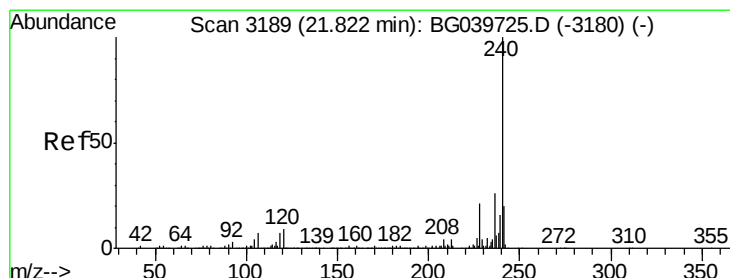
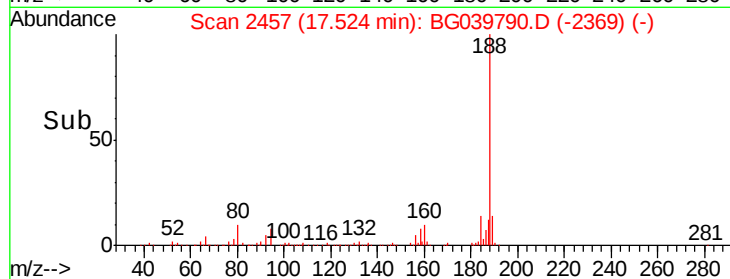
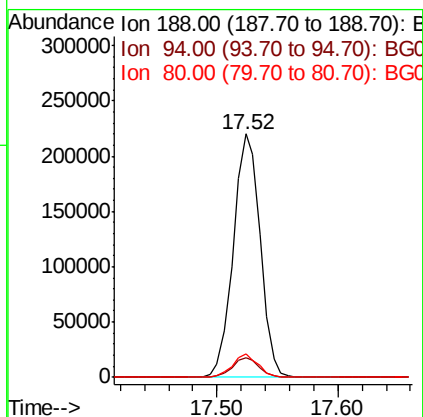
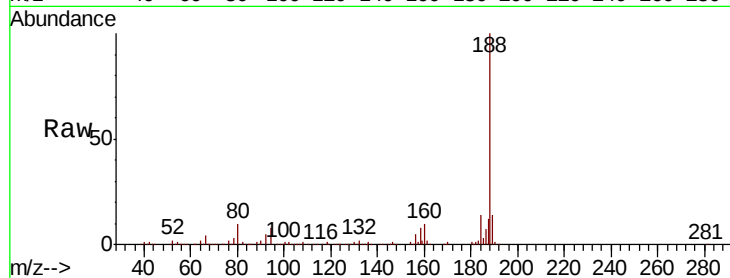




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

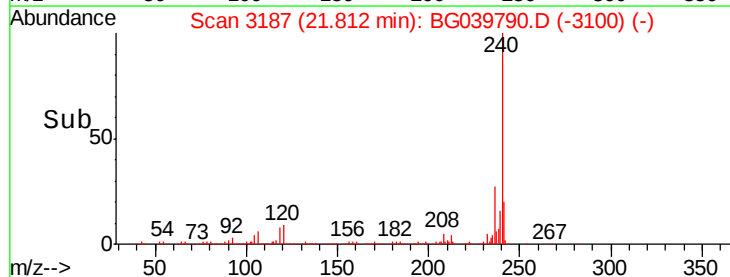
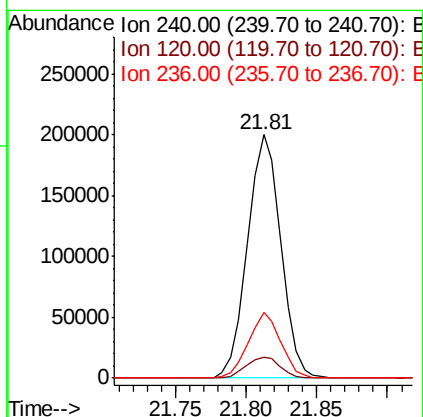
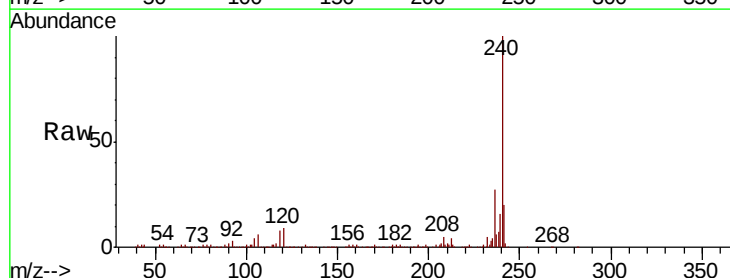
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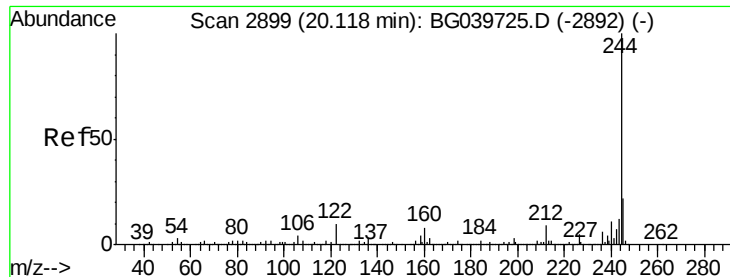
Tot Ion:188 Resp: 339946
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039790.D
Acq: 6 Mar 2019 16:48

Tgt Ion:240 Resp: 331904
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 78.615 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039790.D

Acq: 6 Mar 2019 16:48

Instrument :

BNA_G

ClientSampleId :

PST-028-SW003-022719

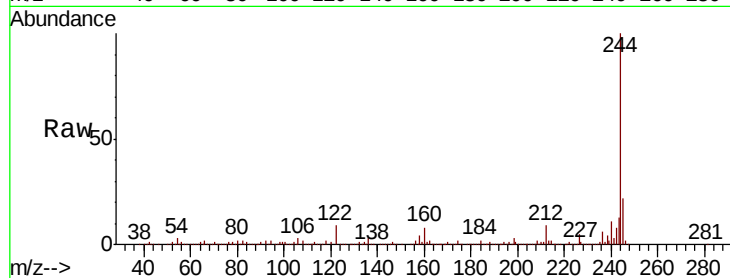
Tot Ion:244 Resp: 1185061

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

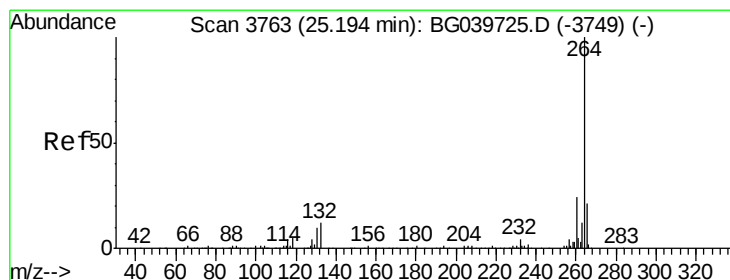
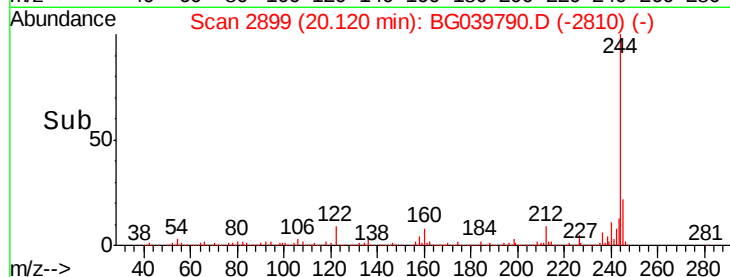
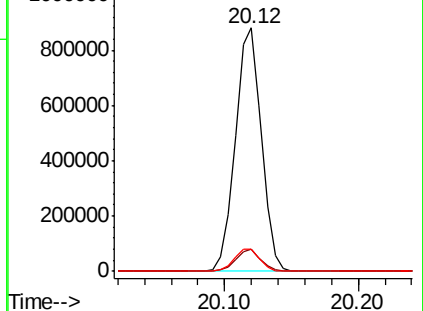
122 9.3 8.4 12.6



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: BG039790.D

Acq: 6 Mar 2019 16:48

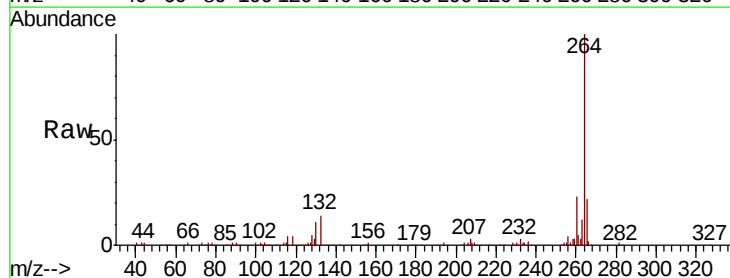
Tgt Ion:264 Resp: 335896

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.8 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

