

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039850.D
 Acq On : 11 Mar 2019 20:28
 Operator : JU/SJ
 Sample : K1837-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-11-COMP

Quant Time: Mar 12 04:08:55 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

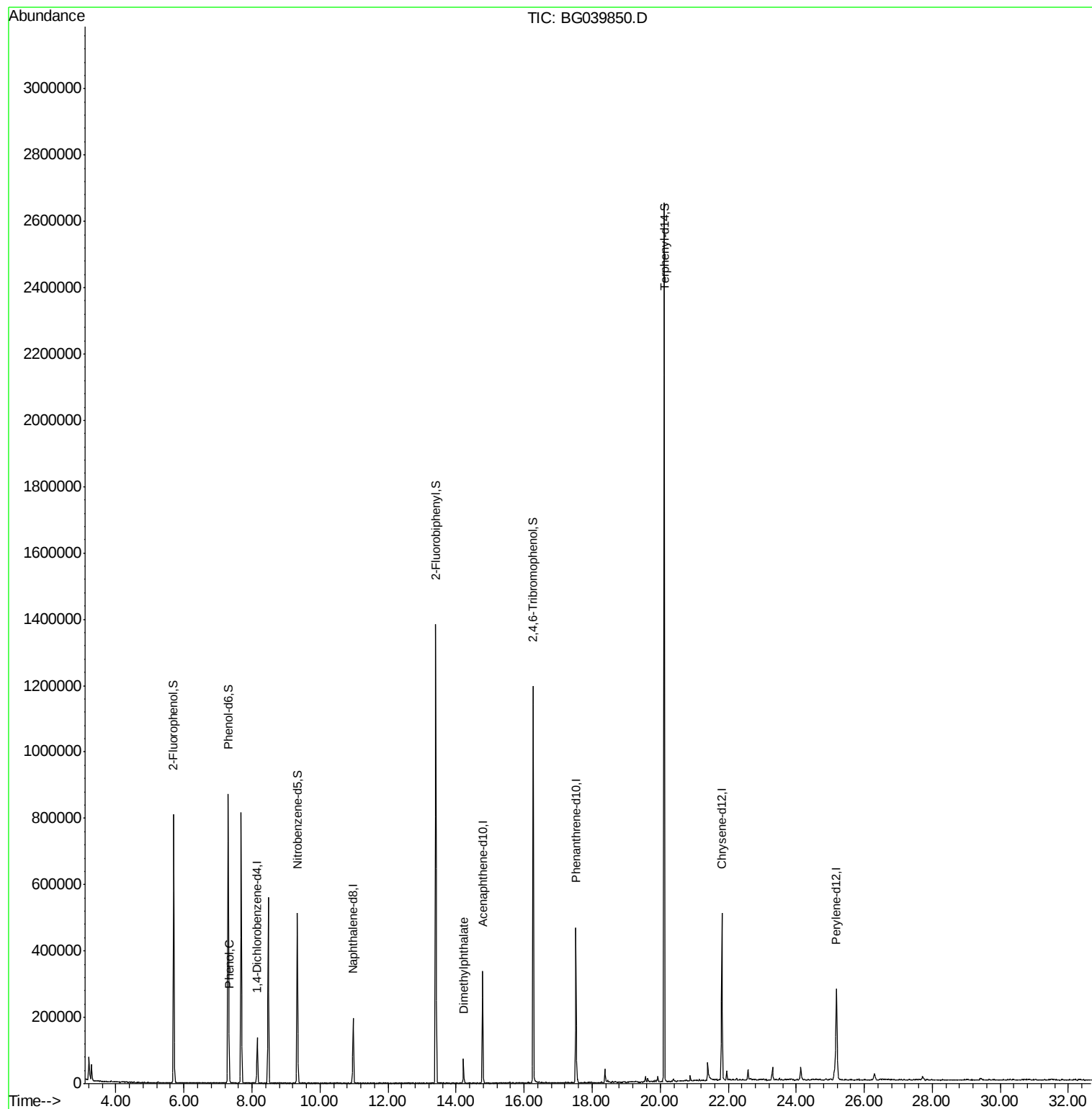
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38393	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	165227	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	116232	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	299035	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	316617	20.00	ng	-0.02
87) Perylene-d12	25.18	264	312604	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	342108	152.02	ng	-0.01
7) Phenol-d6	7.30	99	502035	149.61	ng	-0.01
23) Nitrobenzene-d5	9.33	82	297767	97.47	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	211105	155.82	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	721467	88.38	ng	-0.01
79) Terphenyl-d14	20.12	244	1185282	82.43	ng	0.00
Target Compounds						
10) Phenol	7.33	94	22009	6.054	ng	95
50) Dimethylphthalate	14.22	163	51742	5.324	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: BG039850.D

Acq: 11 Mar 2019 20:28

Instrument :

BNA_G

ClientSampleId :

MR-MH-11-COMP

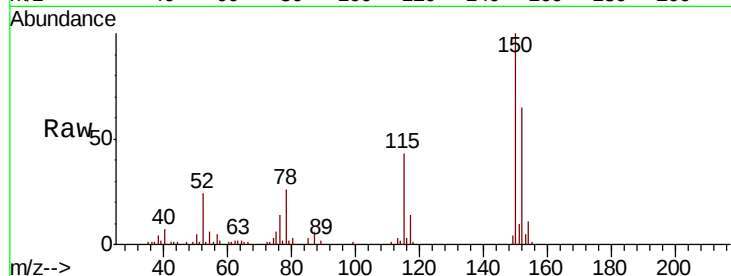
Tot Ion:152 Resp: 38393

Ion Ratio Lower Upper

152 100

150 154.2 123.7 185.5

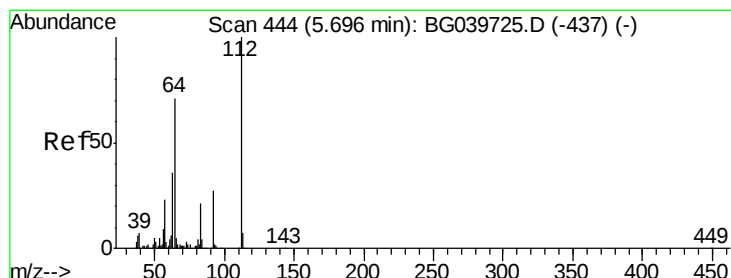
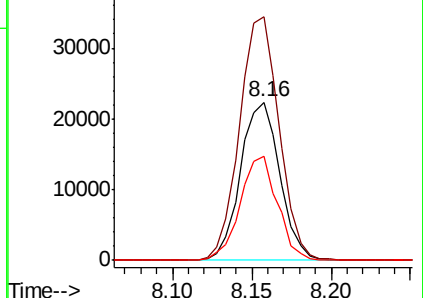
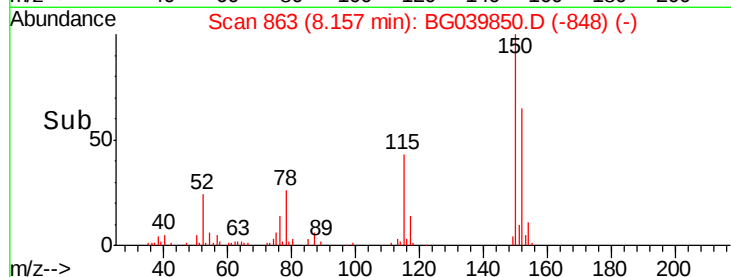
115 65.6 45.9 68.9



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: 152.017 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039850.D

Acq: 11 Mar 2019 20:28

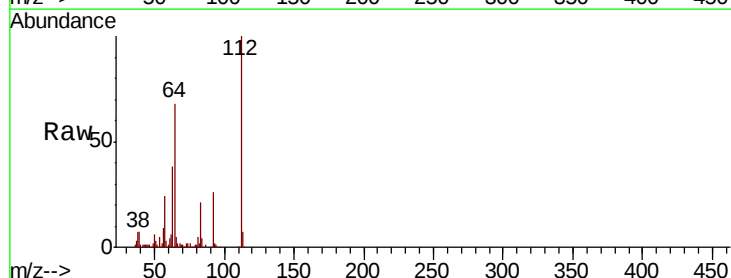
Tgt Ion:112 Resp: 342108

Ion Ratio Lower Upper

112 100

64 67.9 57.8 86.8

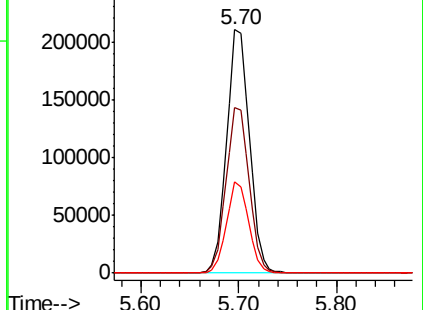
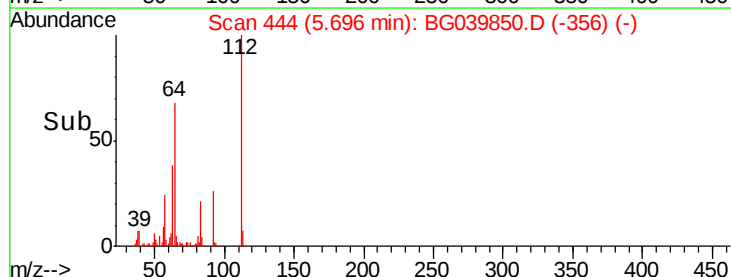
63 37.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.613 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039850.D

Acq: 11 Mar 2019 20:28

Instrument :

BNA_G

ClientSampleId :

MR-MH-11-COMP

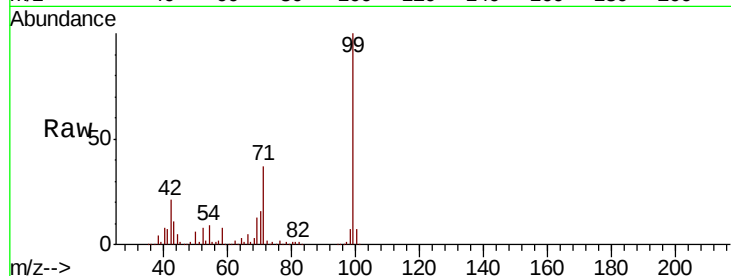
Tot Ion: 99 Resp: 502035

Ion Ratio Lower Upper

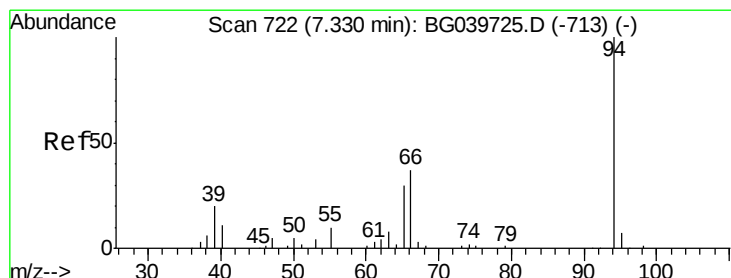
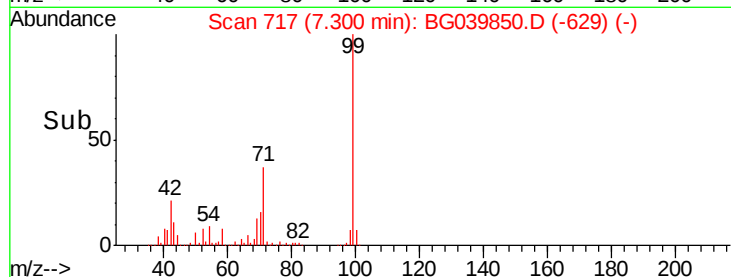
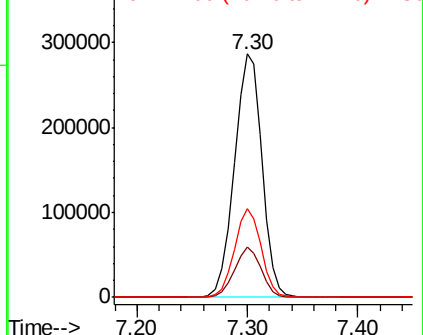
99 100

42 20.6 18.2 27.2

71 36.6 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: 6.054 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039850.D

Acq: 11 Mar 2019 20:28

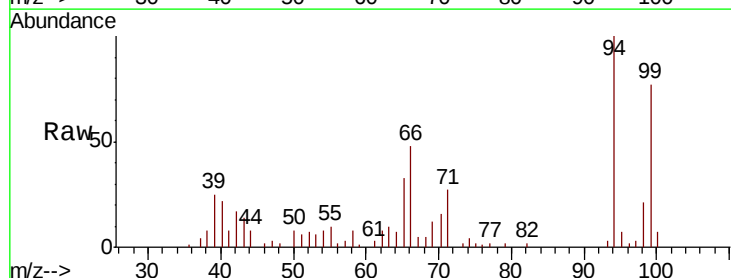
Tgt Ion: 94 Resp: 22009

Ion Ratio Lower Upper

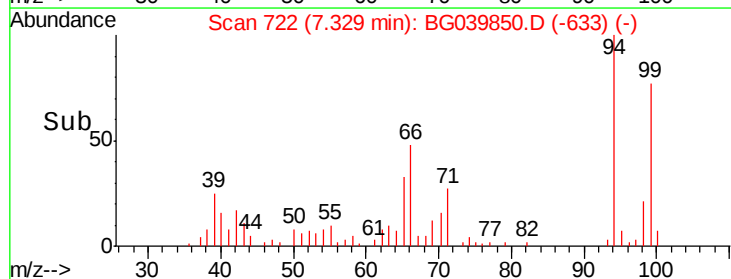
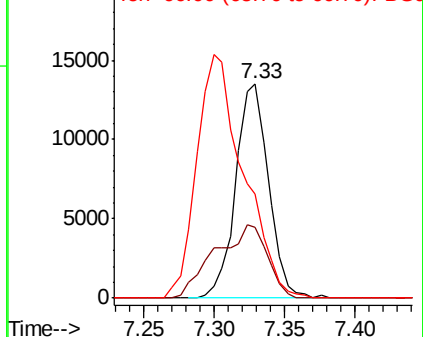
94 100

65 32.9 11.7 51.7

66 48.3 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

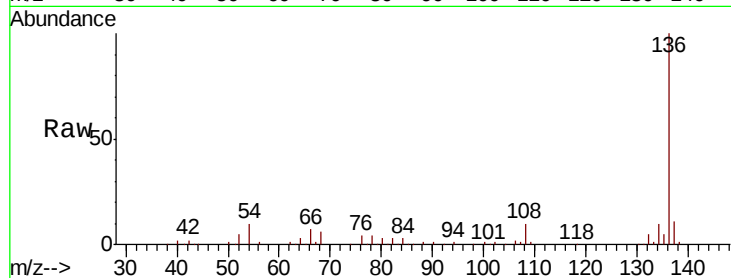




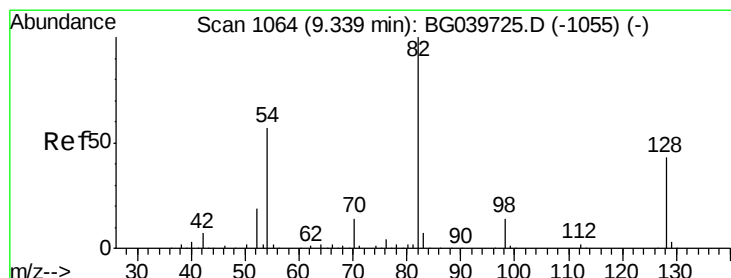
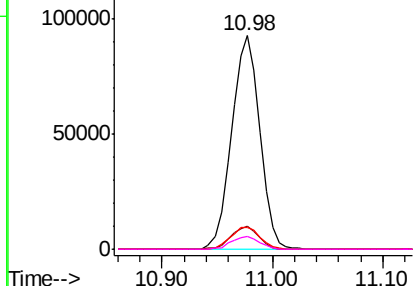
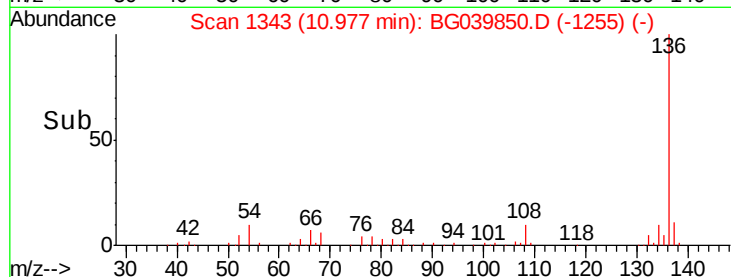
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tot Ion:136	Resp:	165227
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	10.4	9.4 14.2
68	5.8	4.2 6.4

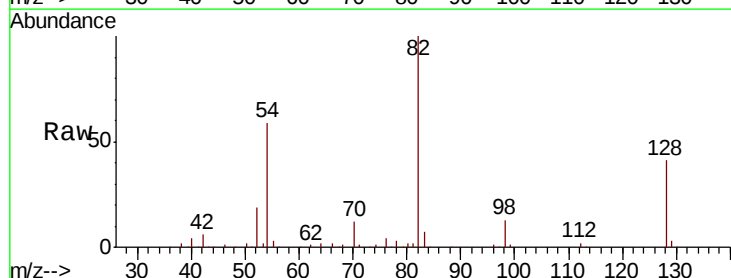


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

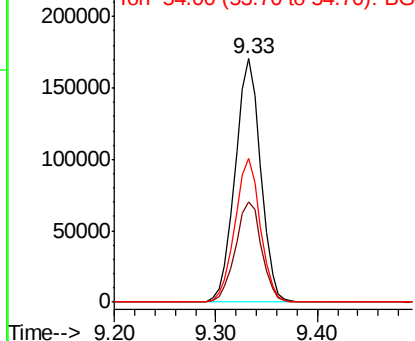
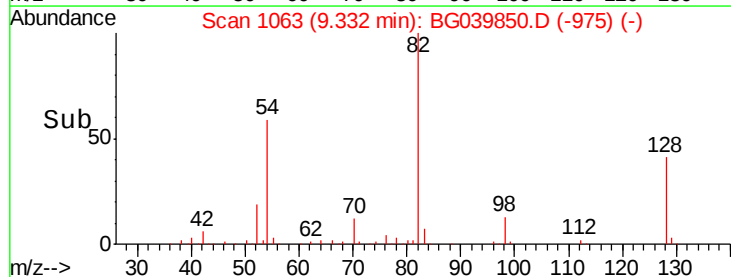


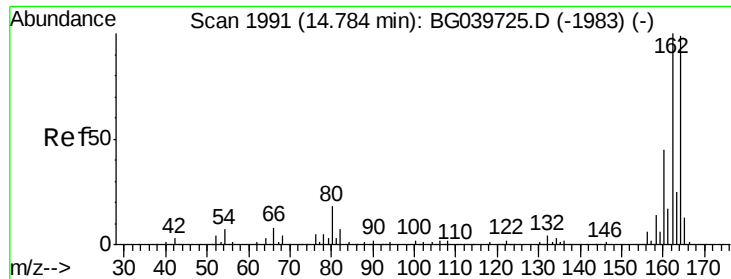
#23
Nitrobenzene-d5
Concen: 97.469 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion: 82	Resp:	297767
Ion	Ratio	Lower Upper
82	100	
128	41.4	31.3 46.9
54	59.0	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: BG039850.D

Acq: 11 Mar 2019 20:28

Instrument :

BNA_G

ClientSampleId :

MR-MH-11-COMP

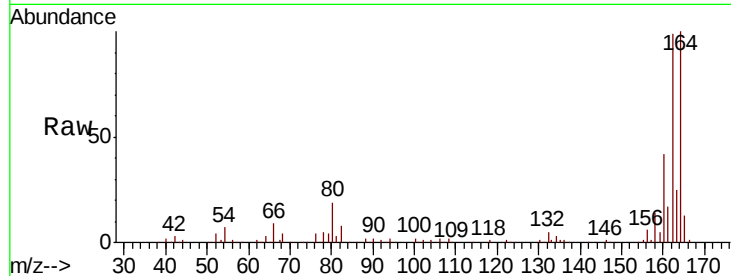
Tot Ion:164 Resp: 116232

Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

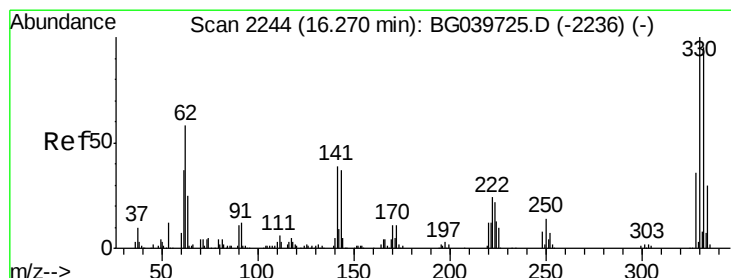
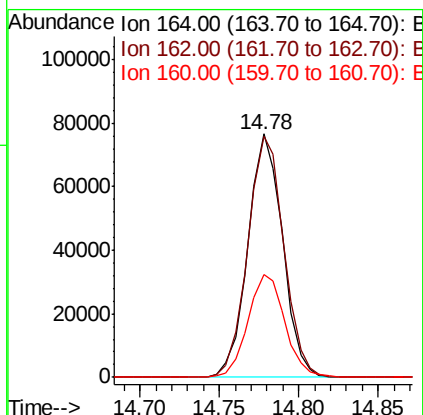
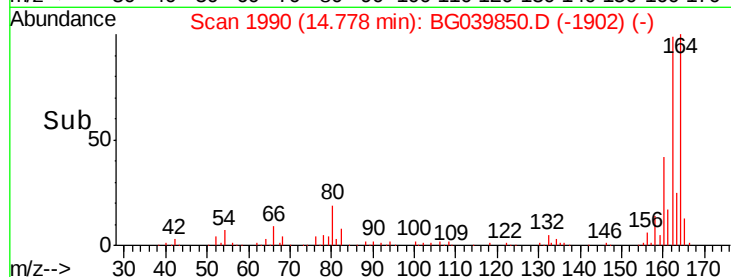
160 42.2 34.2 51.2



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: 155.824 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039850.D

Acq: 11 Mar 2019 20:28

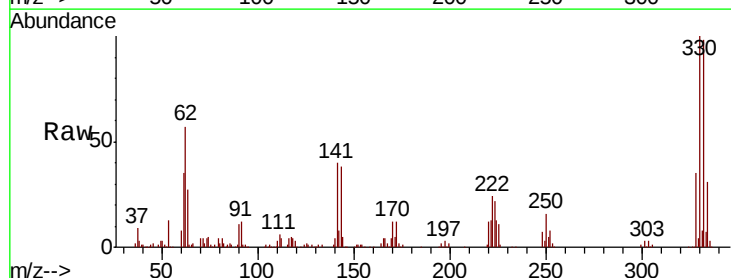
Tgt Ion:330 Resp: 211105

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

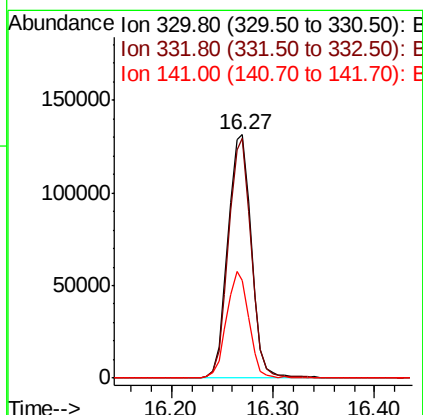
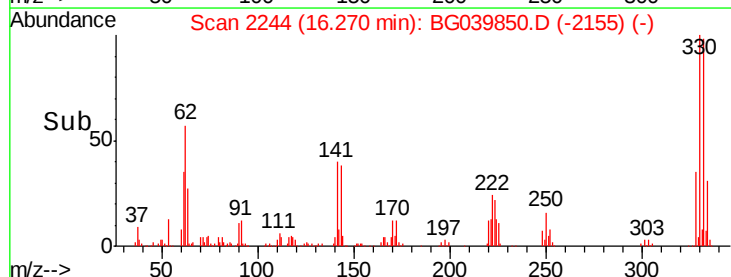
141 41.4 35.6 53.4



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

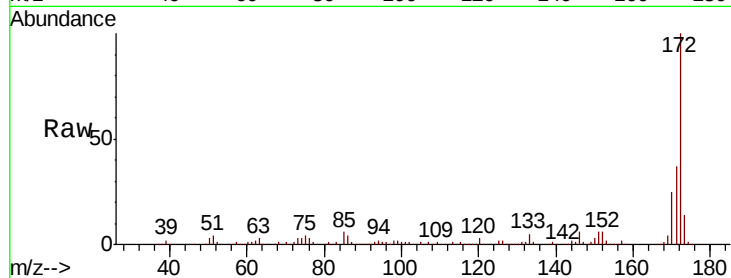




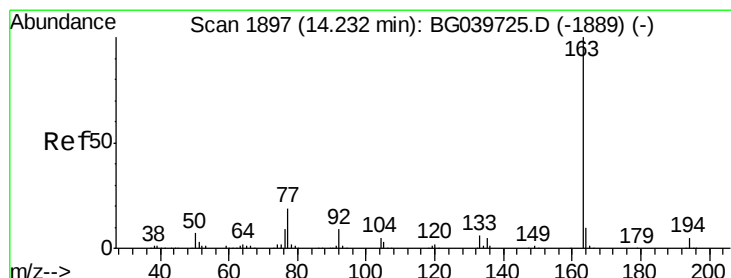
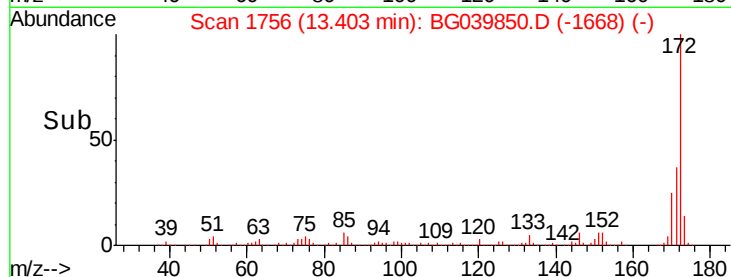
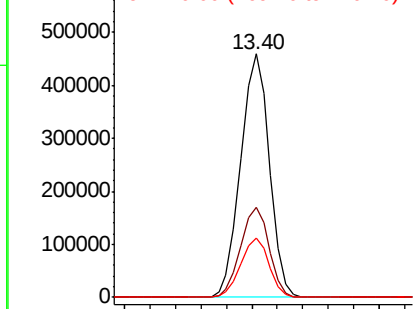
#45
2-Fluorobiphenyl
Concen: 88.379 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tot Ion:172 Resp: 721467
Ion Ratio Lower Upper
172 100
171 37.1 30.8 46.2
170 24.6 20.2 30.4

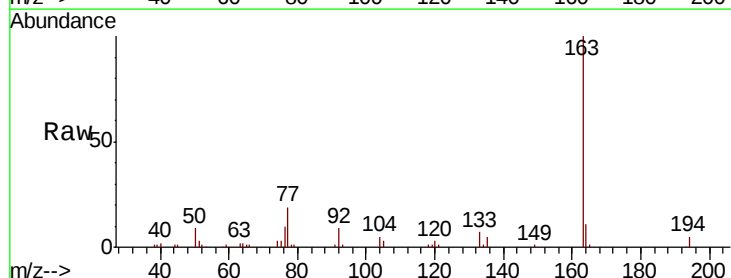


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

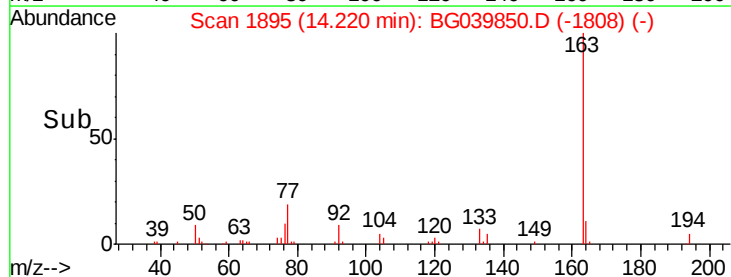
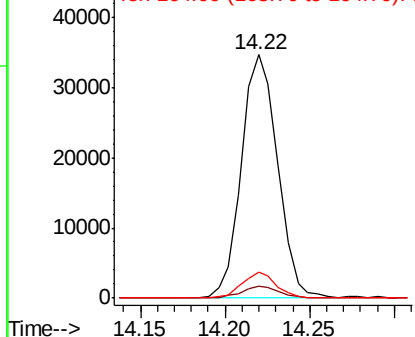


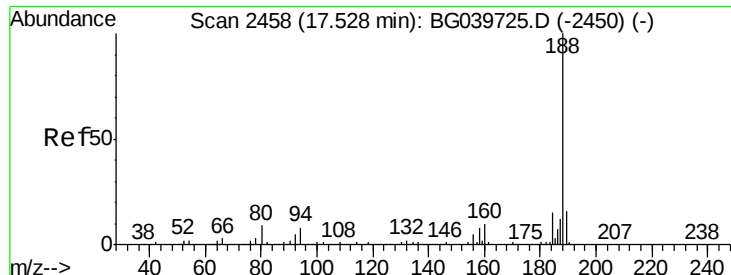
#50
Dimethylphthalate
Concen: 5.324 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:163 Resp: 51742
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 10.9 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

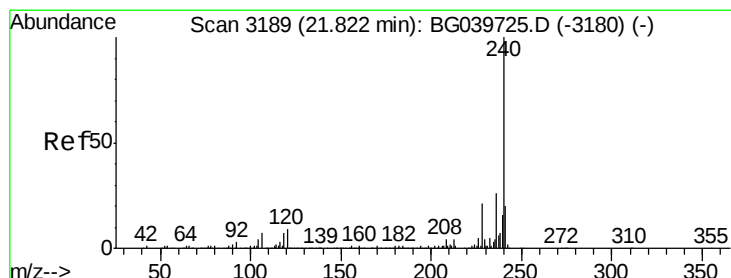
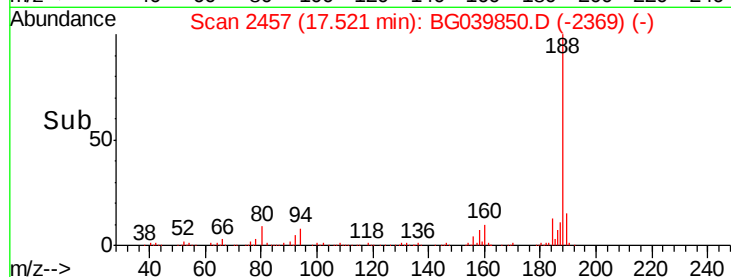
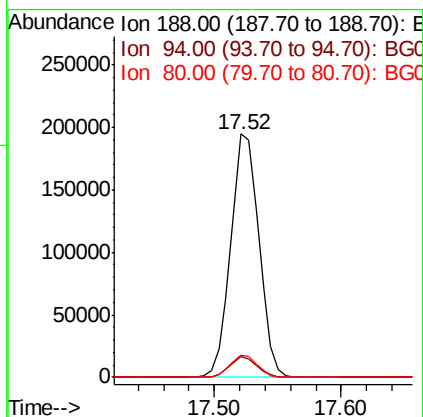
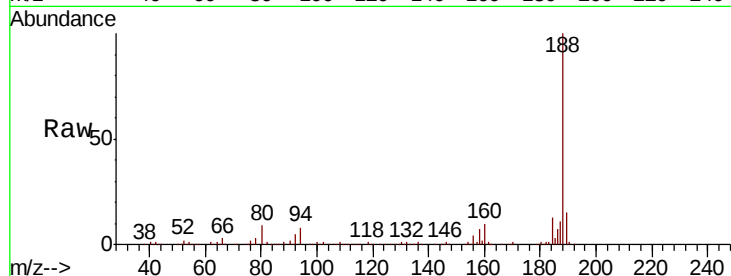




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

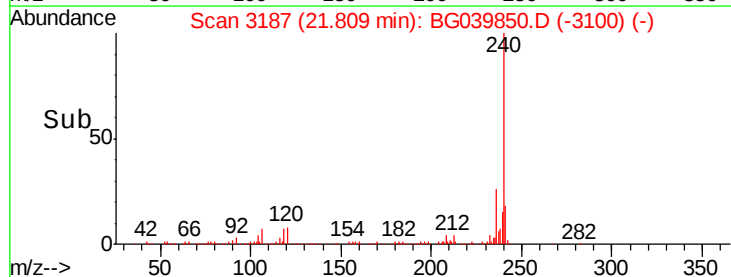
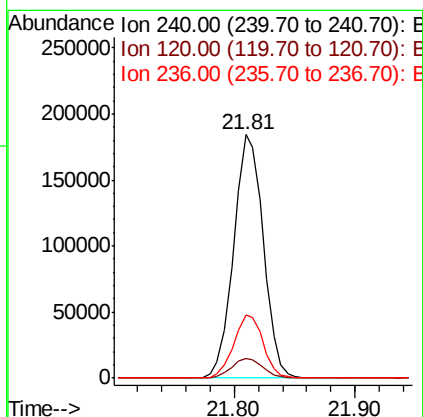
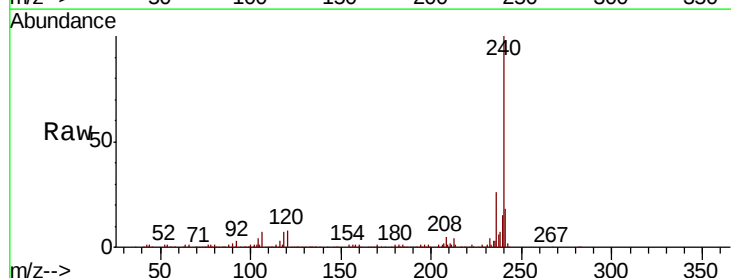
Instrument :
BNA_G
ClientSampleId :
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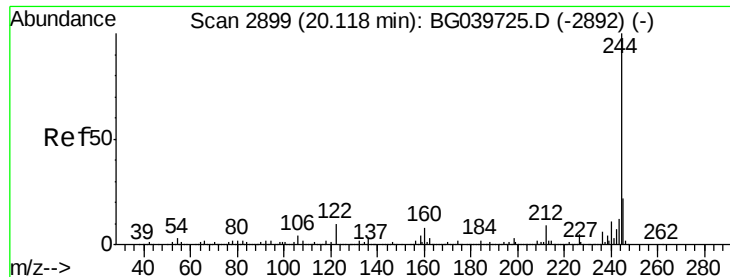
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.2	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	26.1	21.0	31.4





#79

Terphenyl-d14

Concen: 82.426 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039850.D

Acq: 11 Mar 2019 20:28

Instrument :

BNA_G

ClientSampleId :

MR-MH-11-COMP

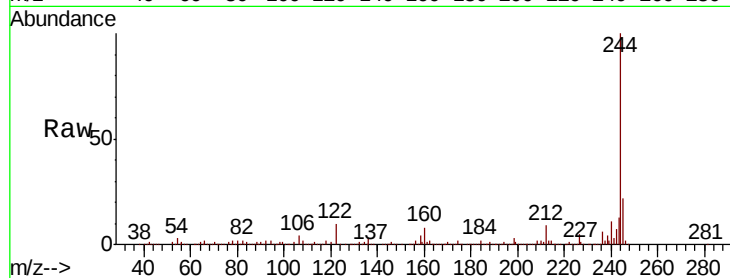
Tot Ion:244 Resp: 1185282

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

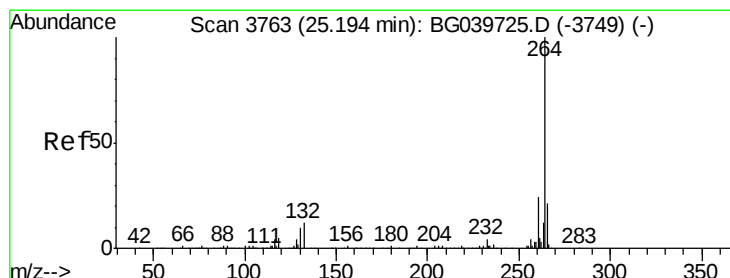
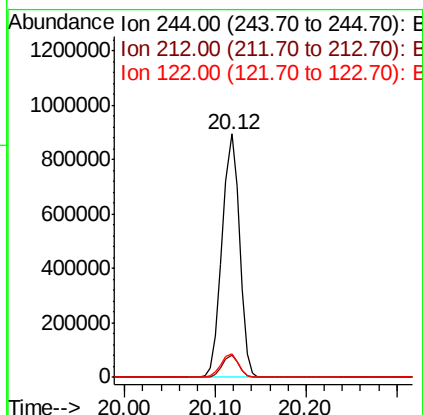
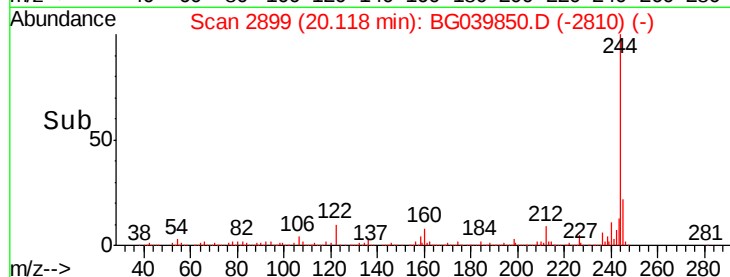
122 9.9 8.4 12.6



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: BG039850.D

Acq: 11 Mar 2019 20:28

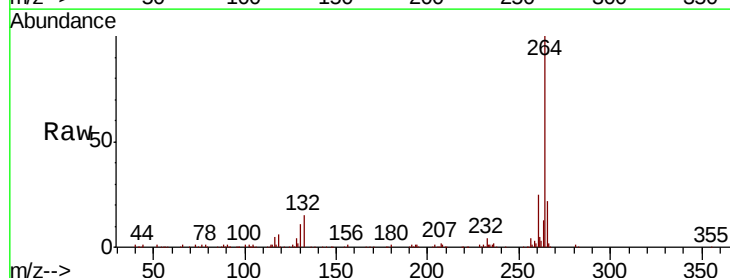
Tgt Ion:264 Resp: 312604

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 22.4 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

