

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039771.D
 Acq On : 5 Mar 2019 19:25
 Operator : JU/SJ
 Sample : K1727-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Mar 06 01:04:21 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

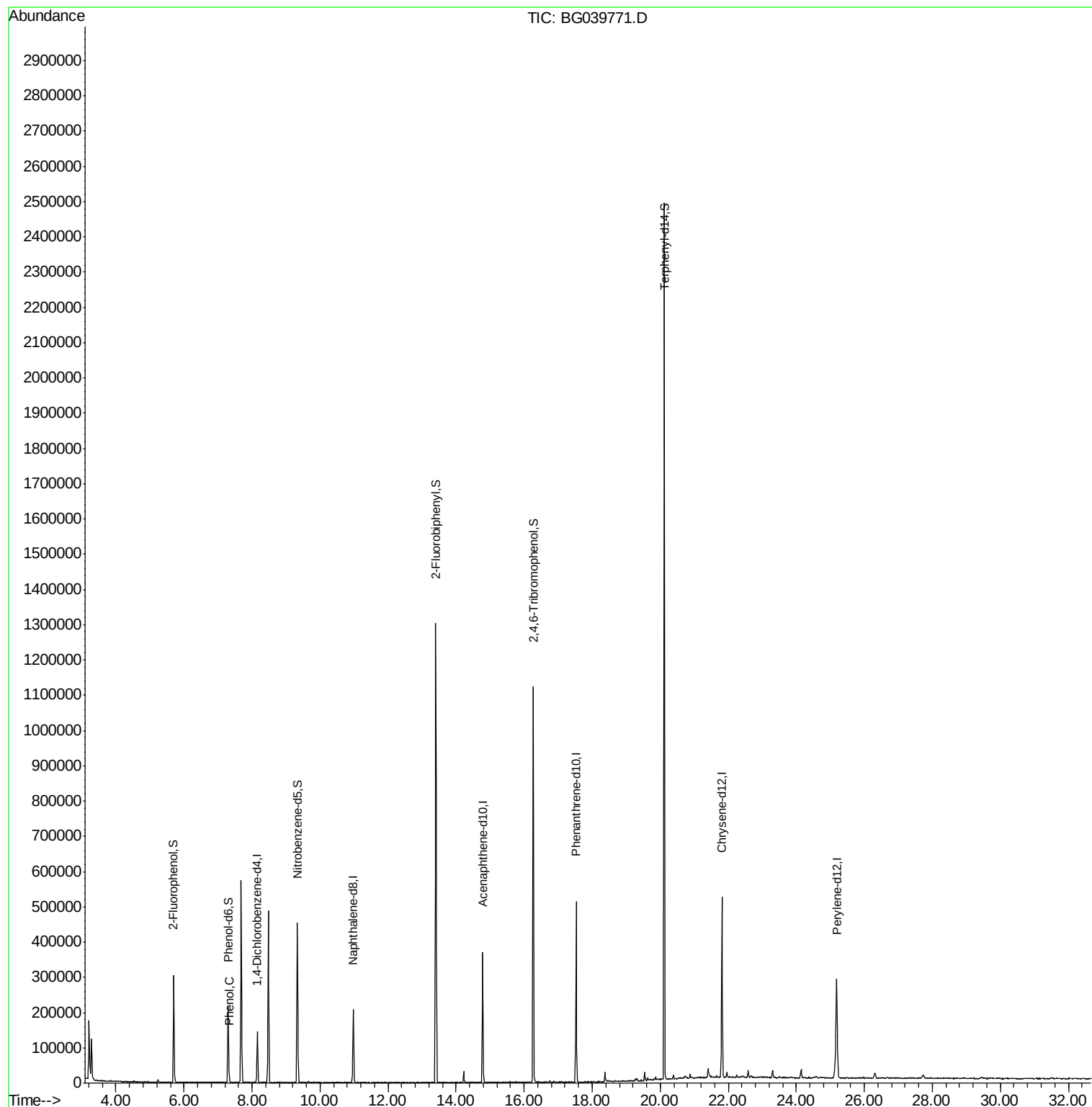
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39060	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	176942	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127500	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	318993	20.00	ng	0.00
76) Chrysene-d12	21.81	240	316377	20.00	ng	-0.01
87) Perylene-d12	25.19	264	316755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	130751	57.11	ng	-0.01
7) Phenol-d6	7.30	99	121673	35.64	ng	-0.01
23) Nitrobenzene-d5	9.33	82	274819	84.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	196310	132.10	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	687584	76.78	ng	-0.01
79) Terphenyl-d14	20.12	244	1156959	80.52	ng	0.00
Target Compounds						
10) Phenol	7.33	94	8558	2.314	ng	Qvalue 99

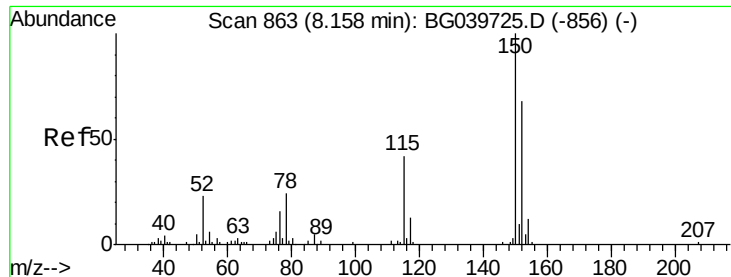
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

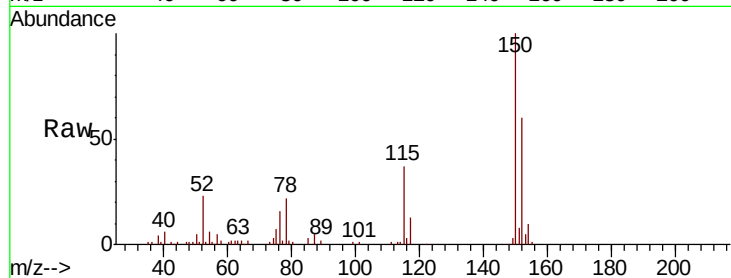
Tot Ion:152 Resp: 39060

Ion Ratio Lower Upper

152 100

150 165.3 123.7 185.5

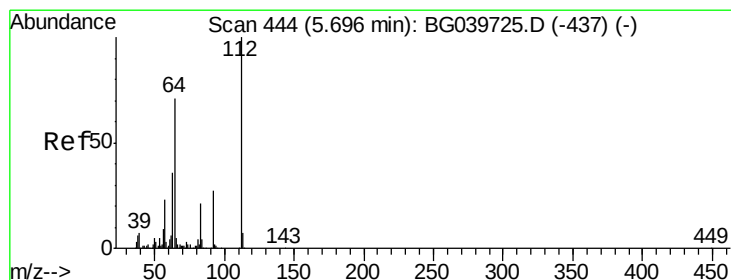
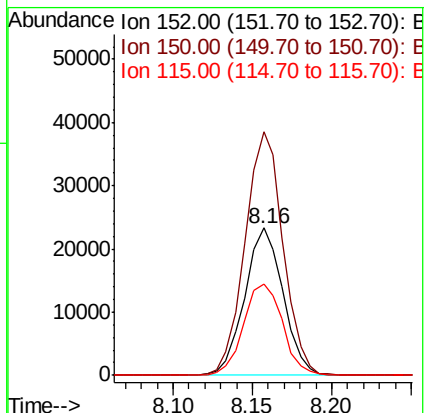
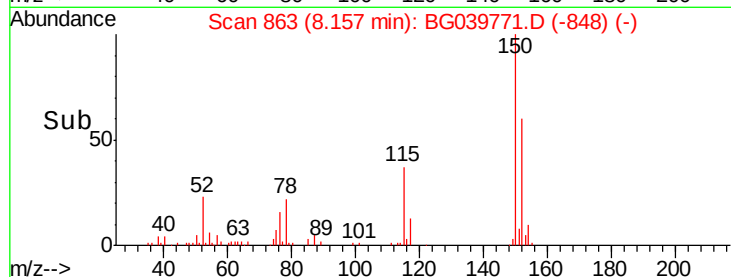
115 61.6 45.9 68.9



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: 57.108 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

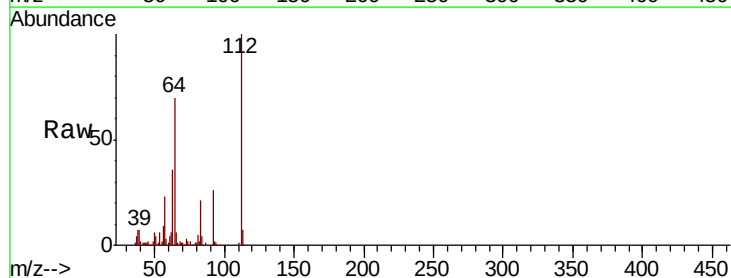
Tgt Ion:112 Resp: 130751

Ion Ratio Lower Upper

112 100

64 70.4 57.8 86.8

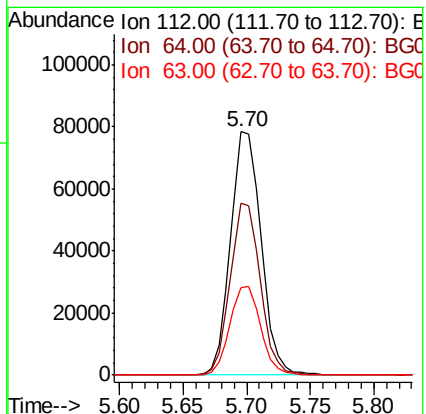
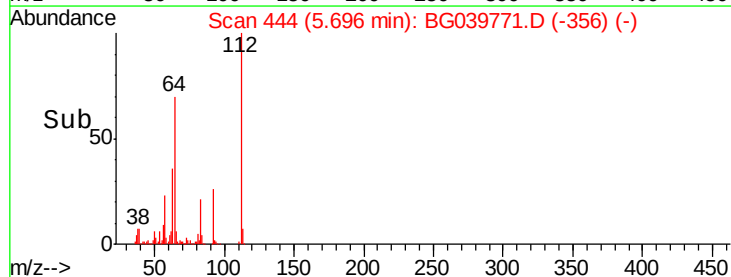
63 35.8 29.8 44.6

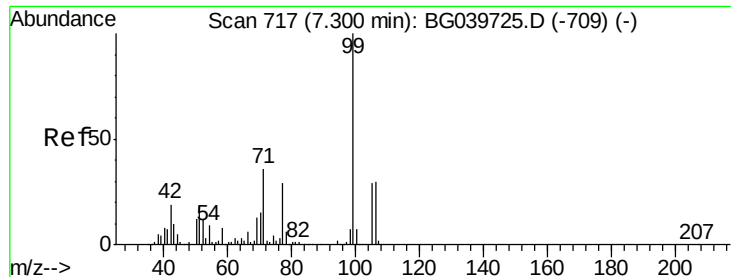


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.641 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampled :

MW-8

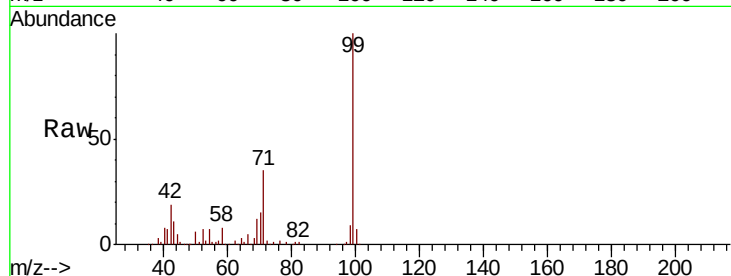
Tot Ion: 99 Resp: 121673

Ion Ratio Lower Upper

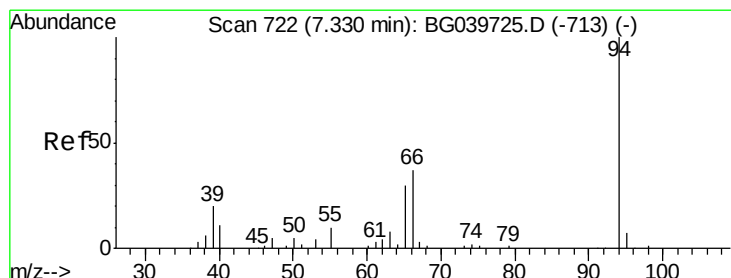
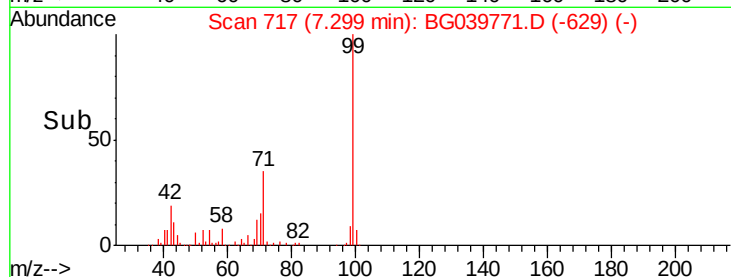
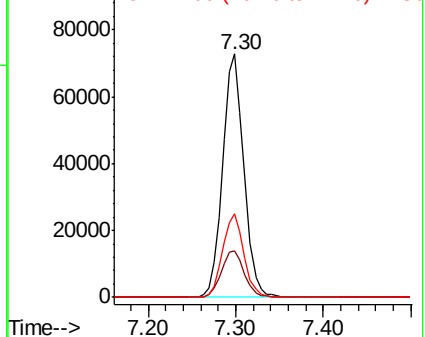
99 100

42 18.9 18.2 27.2

71 34.5 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: 2.314 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

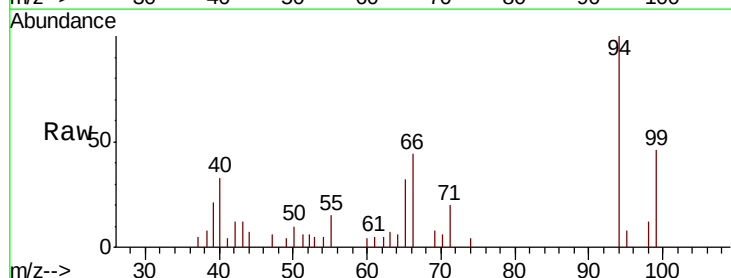
Tgt Ion: 94 Resp: 8558

Ion Ratio Lower Upper

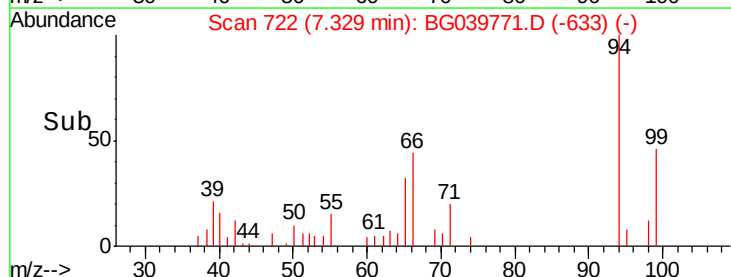
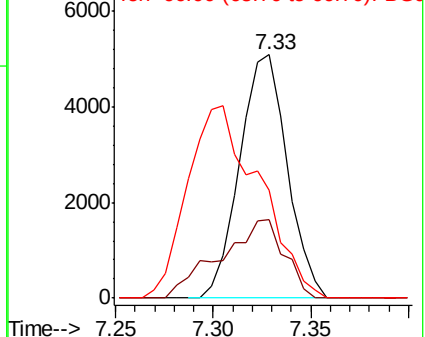
94 100

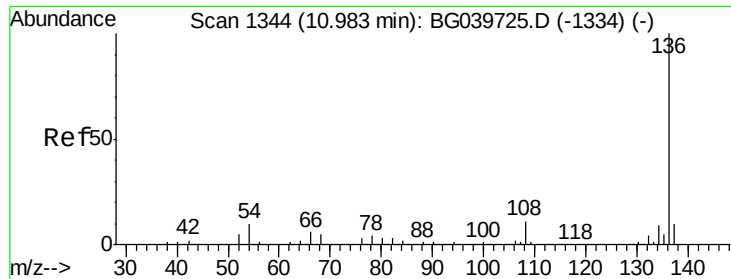
65 32.3 11.7 51.7

66 44.2 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

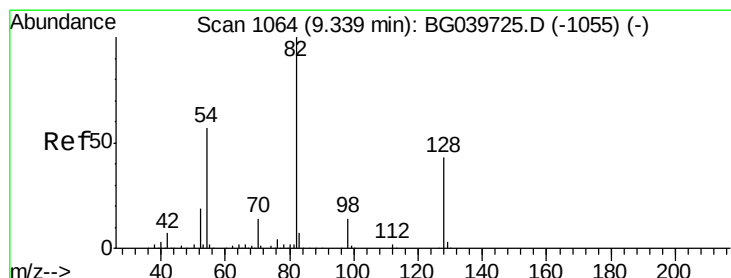
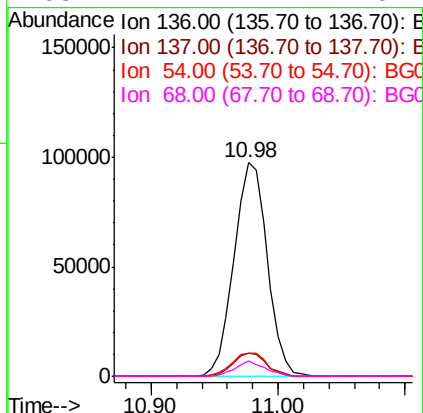
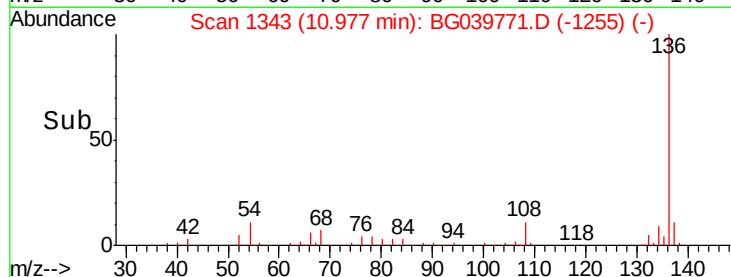
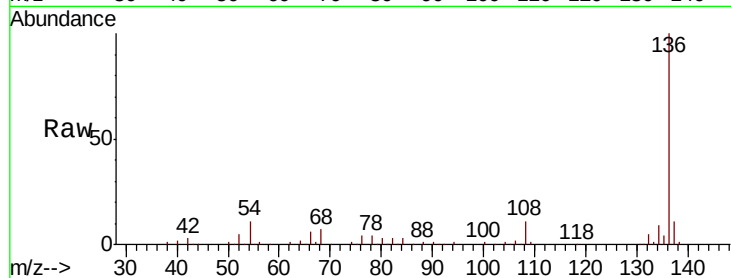




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

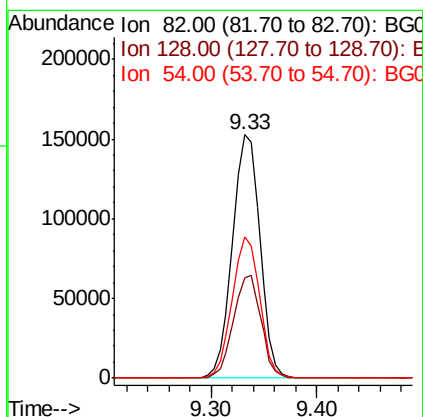
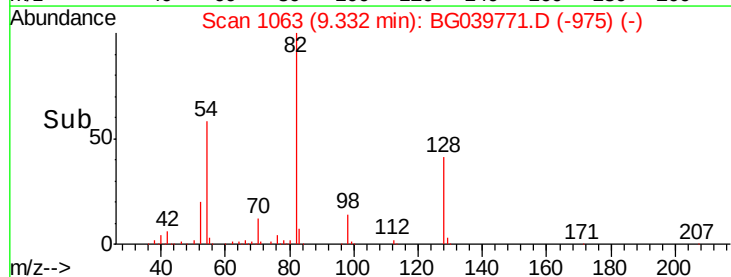
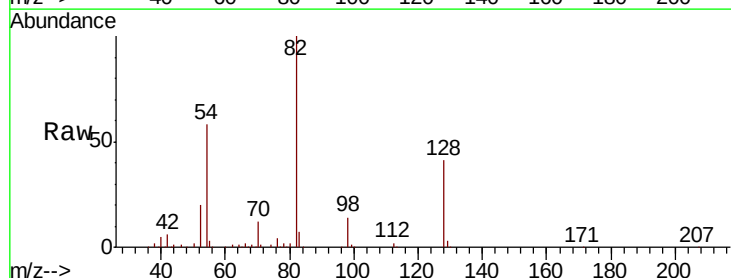
Instrument :
BNA_G
ClientSampleId :
MW-8

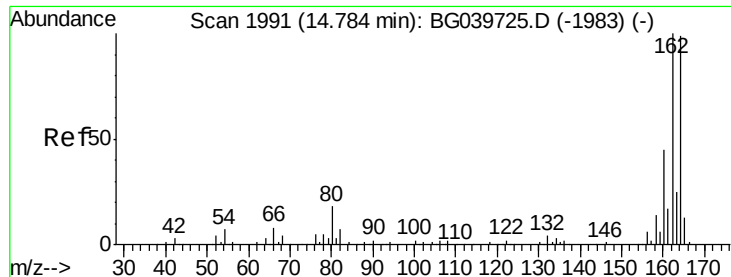
Tot Ion:136	Resp:	176942
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	11.1	9.4 14.2
68	7.4	4.2 6.4#



#23
Nitrobenzene-d5
Concen: 84.001 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion: 82	Resp:	274819
Ion	Ratio	Lower Upper
82	100	
128	41.1	31.3 46.9
54	58.0	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

Instrument :

BNA_G

ClientSampleId :

MW-8

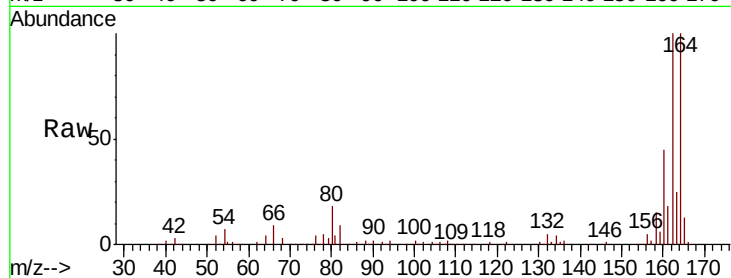
Tot Ion:164 Resp: 127500

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

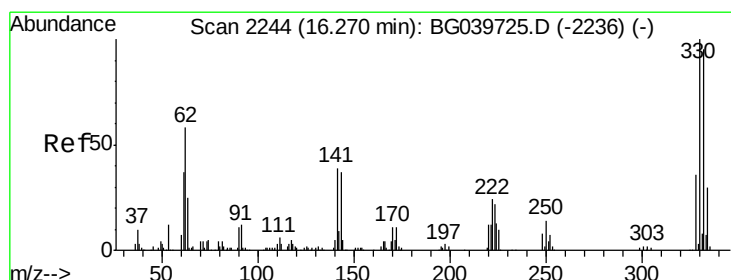
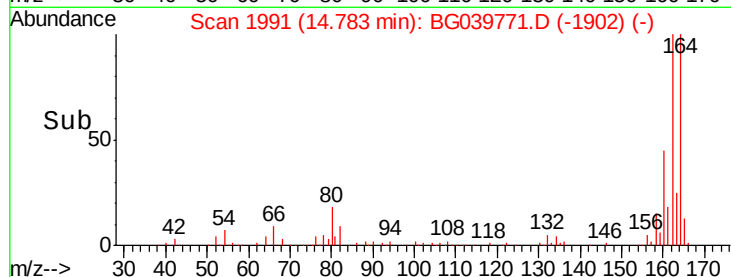
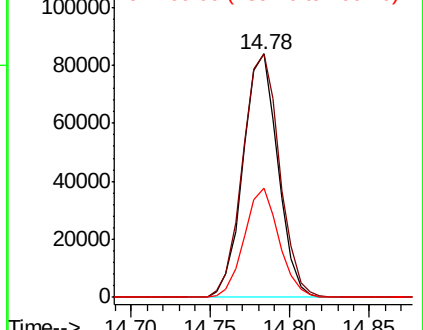
160 44.9 34.2 51.2



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: 132.097 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039771.D

Acq: 5 Mar 2019 19:25

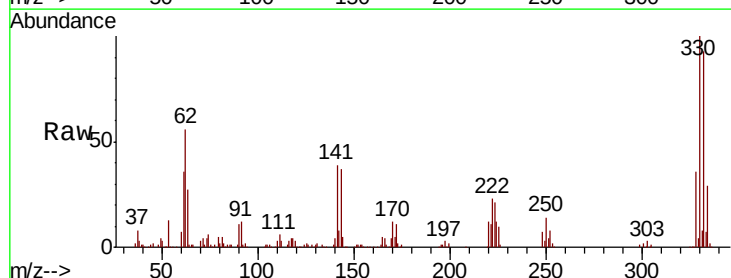
Tgt Ion:330 Resp: 196310

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

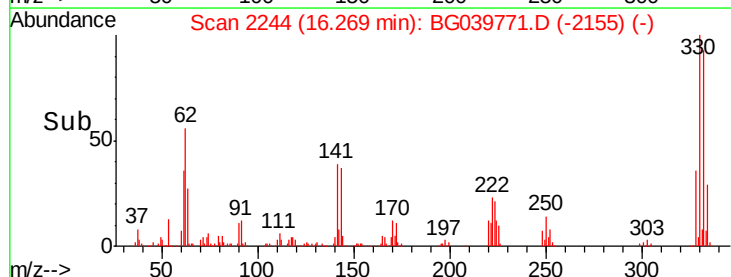
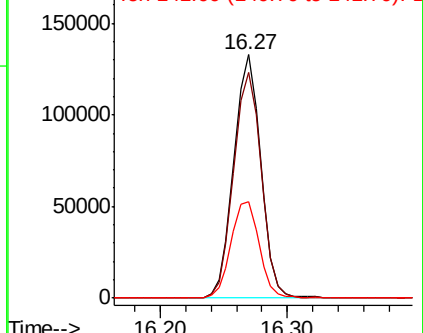
141 41.0 35.6 53.4

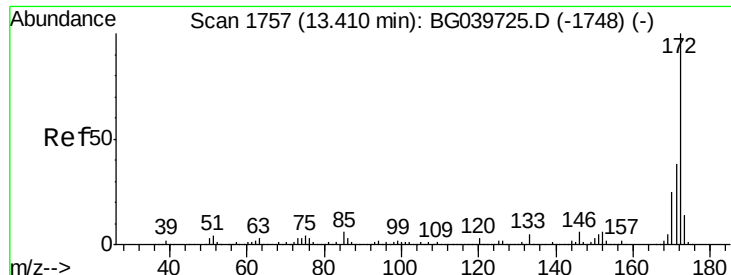


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

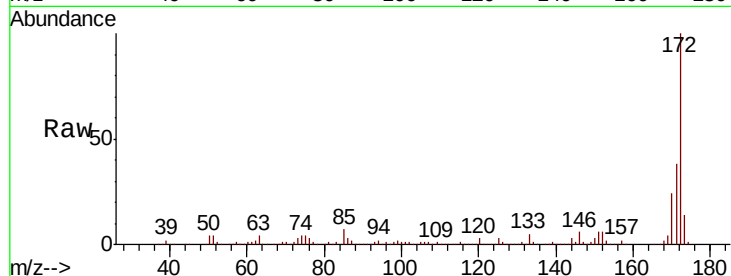




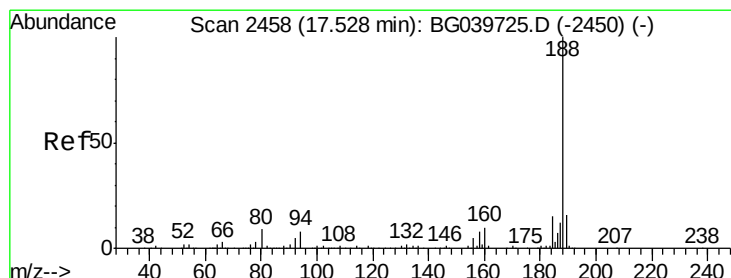
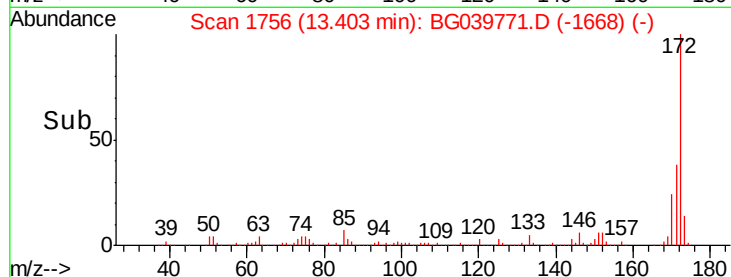
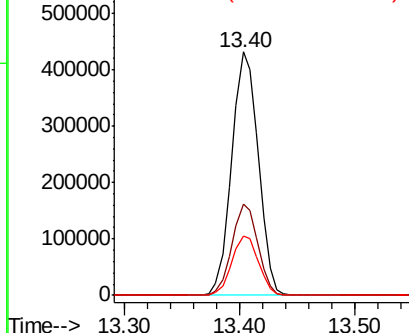
#45
 2-Fluorobiphenyl
 Concen: 76.785 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Instrument :
 BNA_G
 ClientSampleID :
 MW-8

Tot Ion:172 Resp: 687584
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 24.2 20.2 30.4

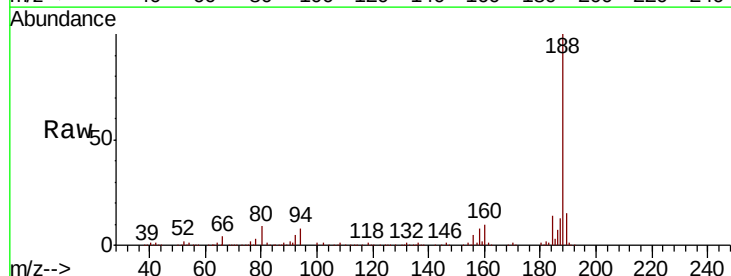


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

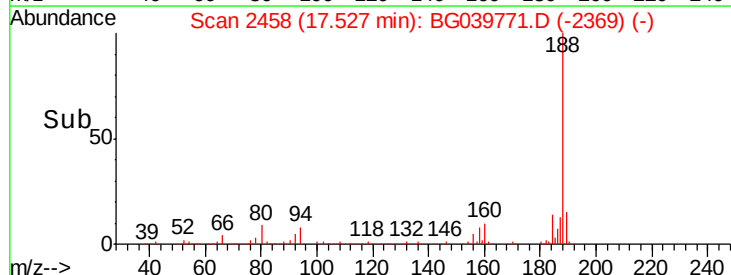
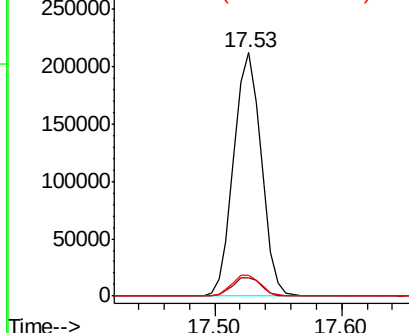


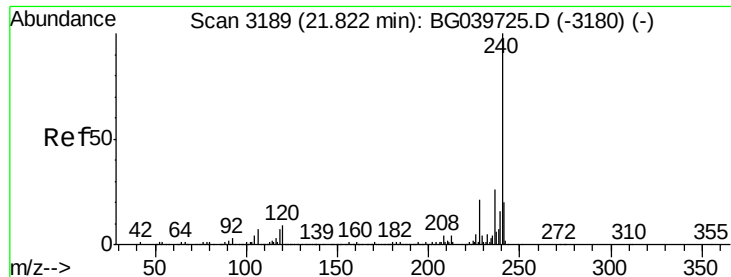
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039771.D
 Acq: 5 Mar 2019 19:25

Tgt Ion:188 Resp: 318993
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 8.8 8.1 12.1



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

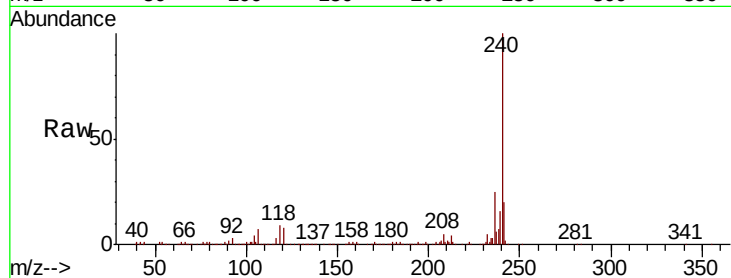




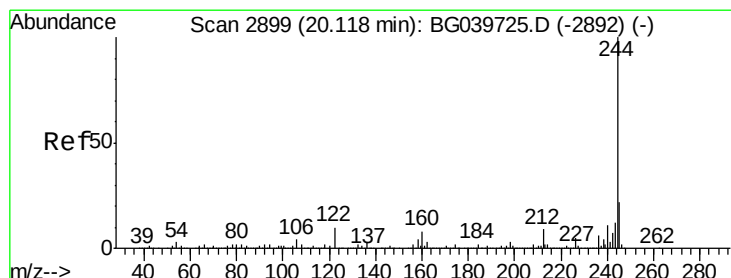
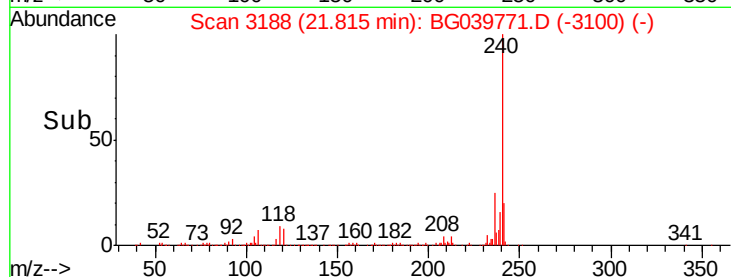
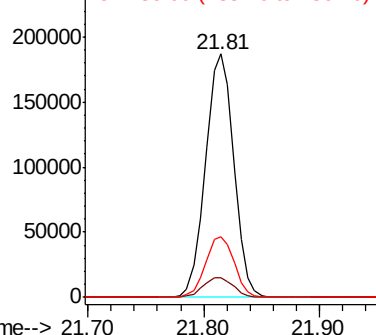
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Instrument :
BNA_G
ClientSampleId :
MW-8

Tot Ion:240 Resp: 316377
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.1 21.0 31.4

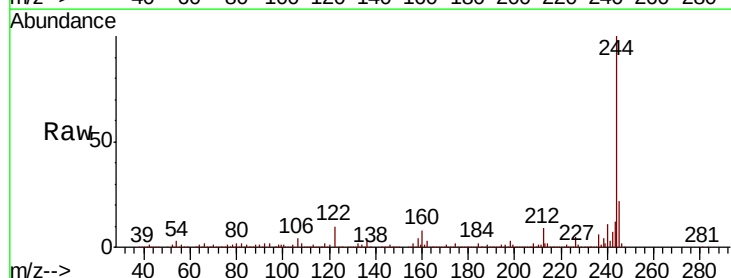


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

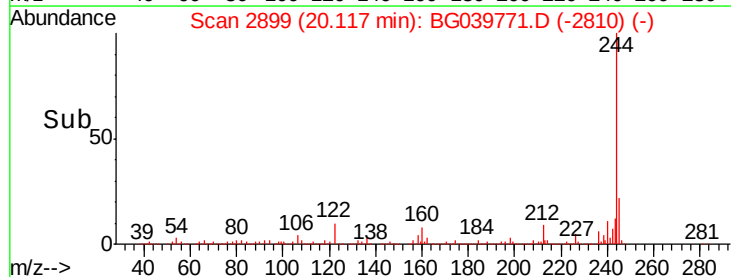
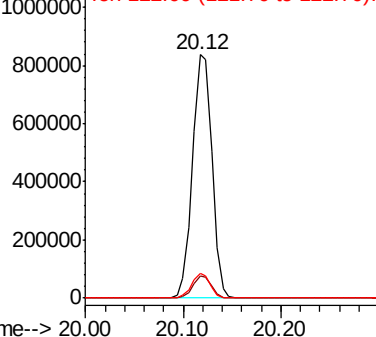


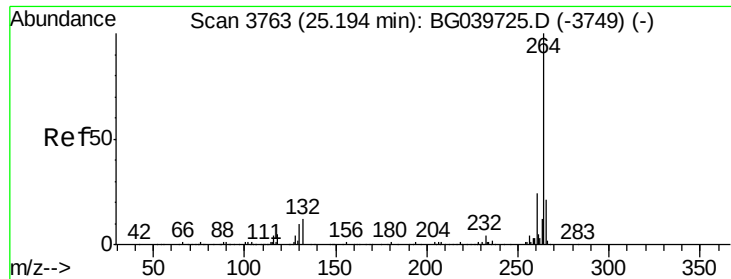
#79
Terphenyl-d14
Concen: 80.518 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Tgt Ion:244 Resp: 1156959
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 10.2 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
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039771.D
Acq: 5 Mar 2019 19:25

Instrument :
BNA_G
ClientSampleId :
MW-8

Tot Ion: 264 Resp: 316755
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.8 18.5 27.7

