

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039602.D
 Acq On : 26 Feb 2019 16:02
 Operator : JU/SJ
 Sample : K1586-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-1

Quant Time: Feb 27 03:03:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

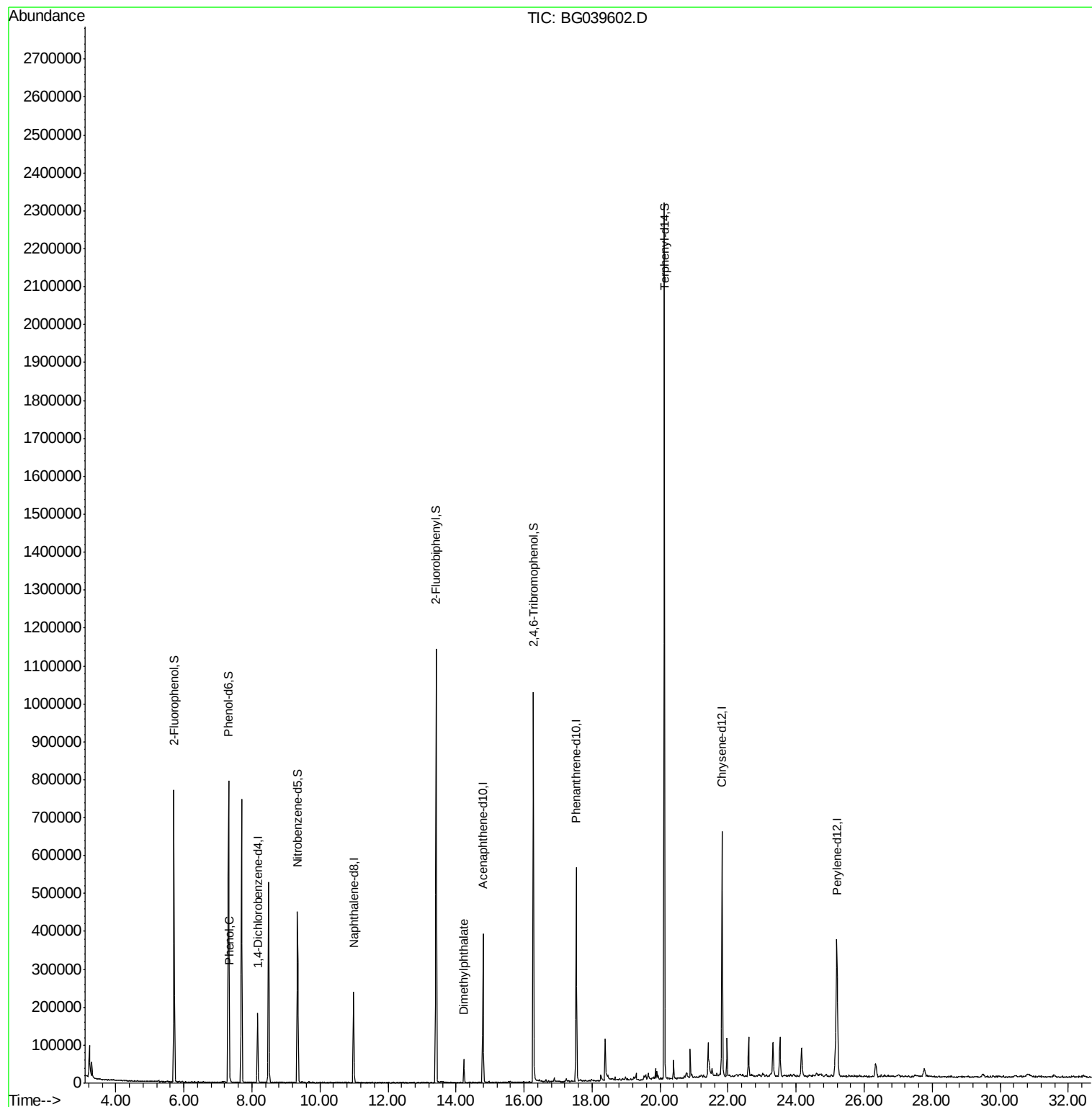
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49187	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	208454	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	137882	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	358453	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	404542	20.00	ng	-0.03
87) Perylene-d12	25.20	264	411234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	323696	112.63	ng	0.00
7) Phenol-d6	7.31	99	459002	108.50	ng	0.00
23) Nitrobenzene-d5	9.34	82	268982	80.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	178988	120.55	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	600286	62.45	ng	-0.02
79) Terphenyl-d14	20.13	244	1058642	55.39	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	15132	3.431	ng	94
50) Dimethylphthalate	14.23	163	42374	3.805	ng	99

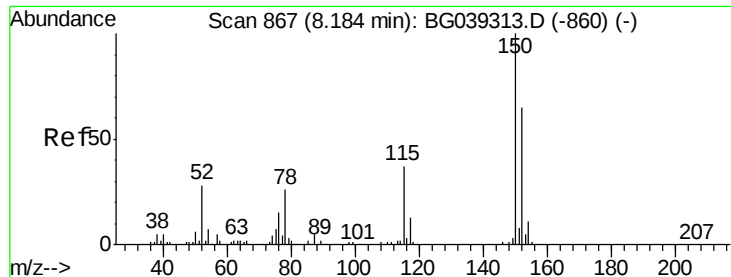
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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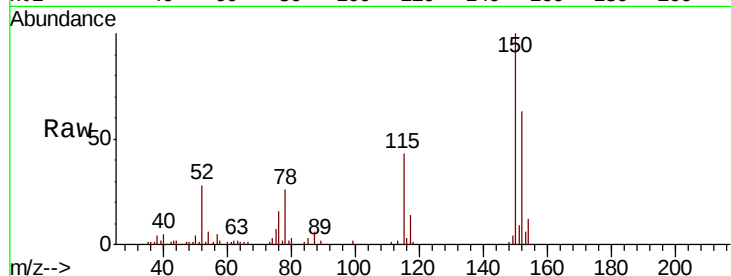


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039602.D
Acq: 26 Feb 2019 16:02

Instrument :
BNA_G
ClientSampleId :
M-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.7	185.5
115	67.4	45.9	68.9

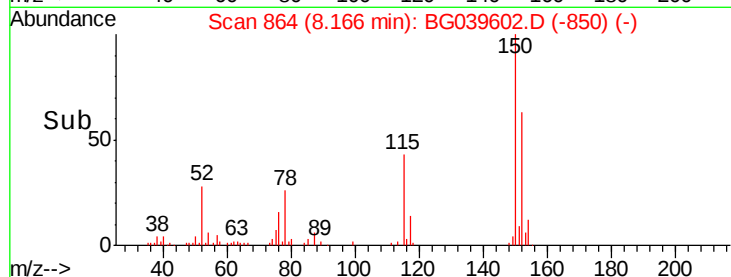
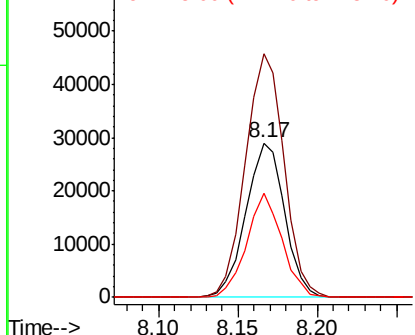


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

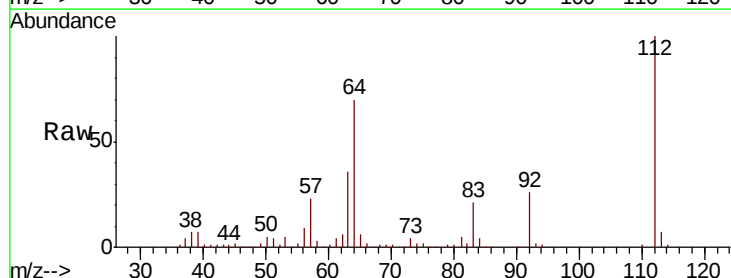
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.633 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039602.D
Acq: 26 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.4	29.8	44.6

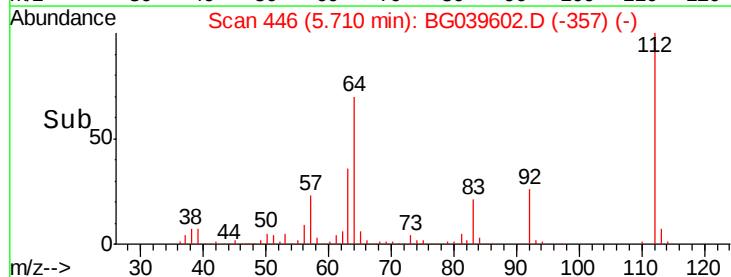
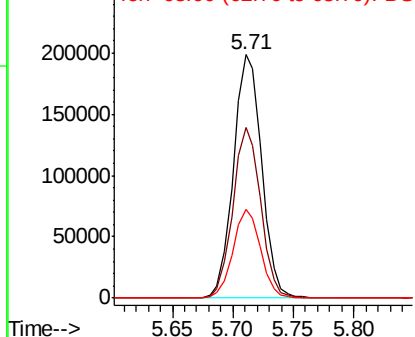


Abundance

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: 108.504 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

Instrument :

BNA_G

ClientSampleId :

M-1

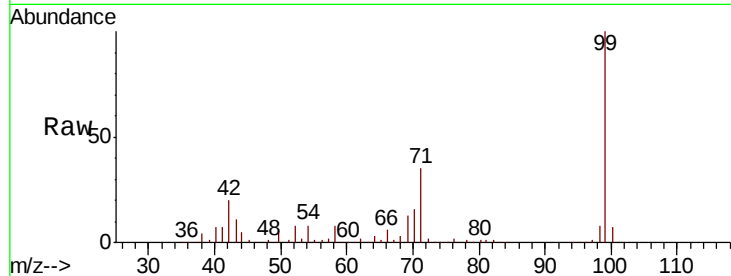
Tot Ion: 99 Resp: 459002

Ion Ratio Lower Upper

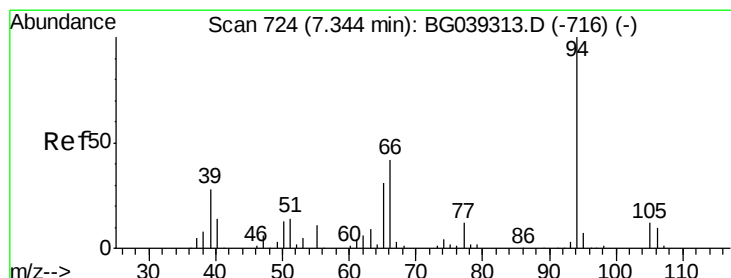
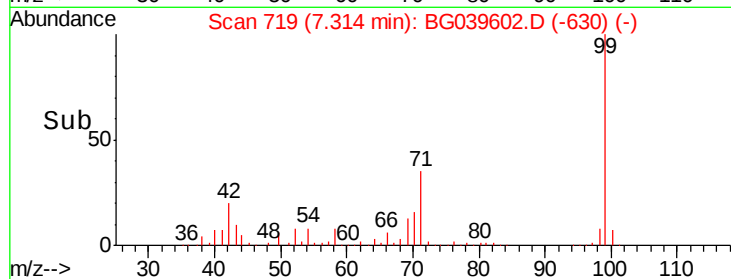
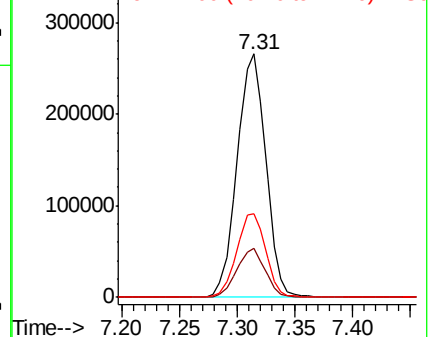
99 100

42 20.2 18.2 27.2

71 34.6 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: 3.431 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

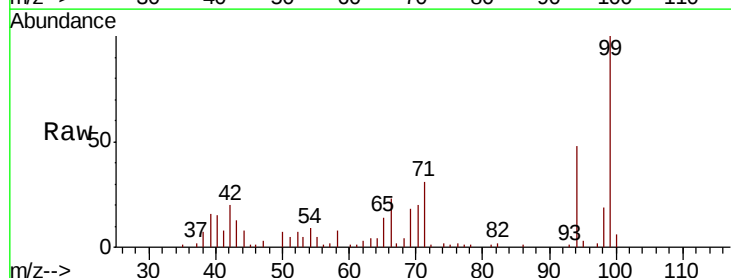
Tgt Ion: 94 Resp: 15132

Ion Ratio Lower Upper

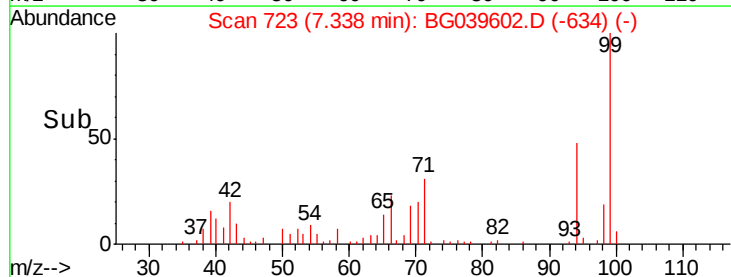
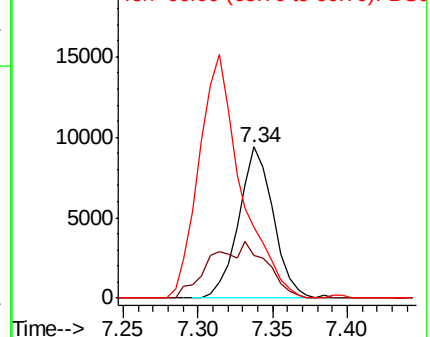
94 100

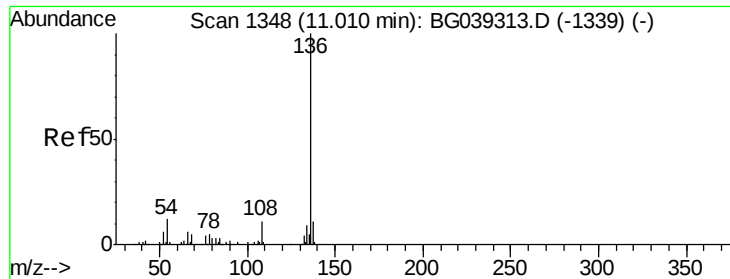
65 28.4 11.7 51.7

66 47.1 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

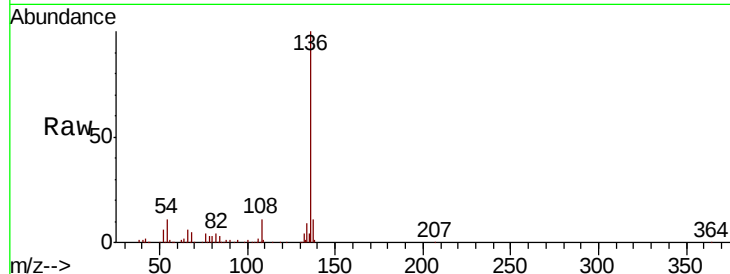




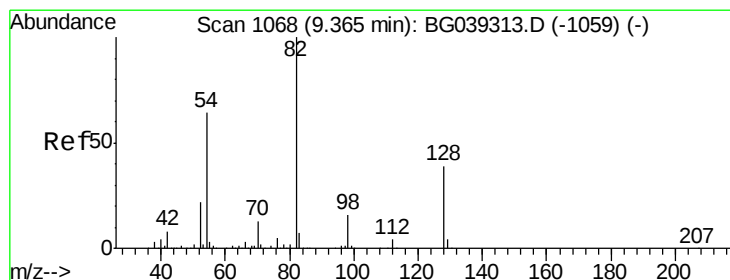
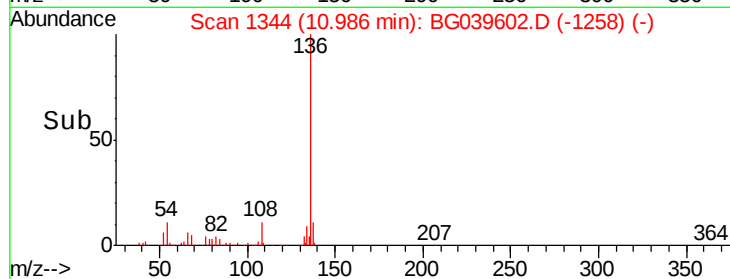
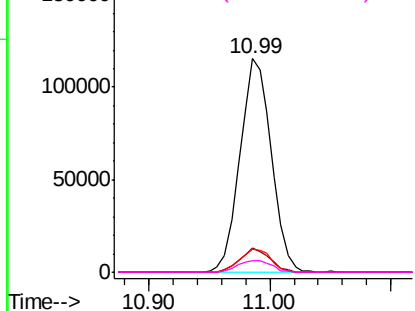
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039602.D
Acq: 26 Feb 2019 16:02

Instrument :
BNA_G
ClientSampleId :
M-1

Tot Ion:136	Resp:	208454
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	11.1	9.4 14.2
68	5.5	4.2 6.4

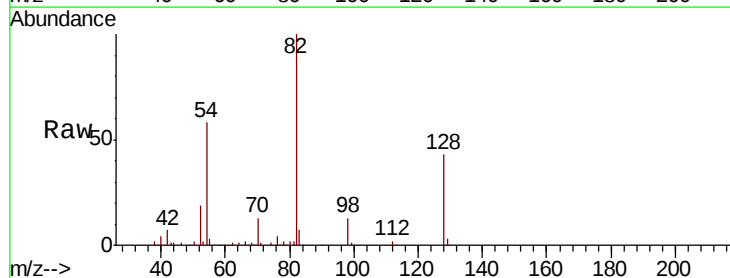


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

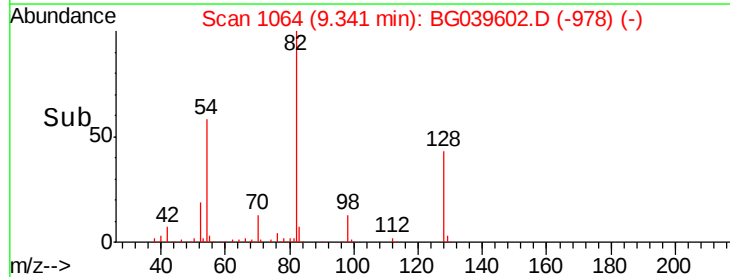
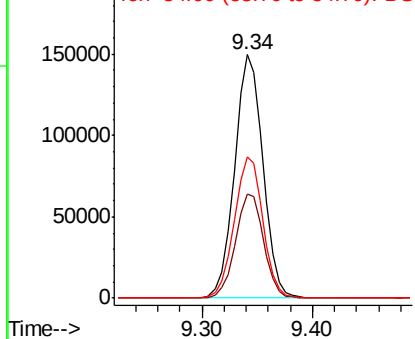


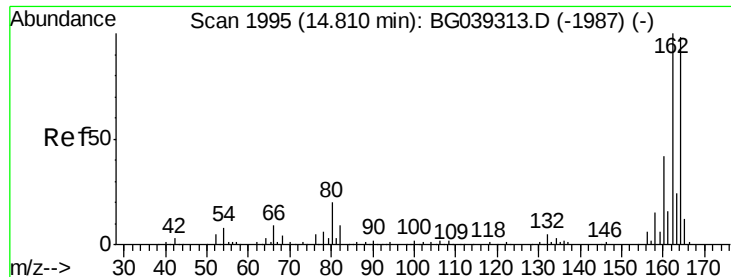
#23
Nitrobenzene-d5
Concen: 80.611 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG039602.D
Acq: 26 Feb 2019 16:02

Tgt Ion: 82	Resp:	268982
Ion	Ratio	Lower Upper
82	100	
128	42.5	31.3 46.9
54	58.3	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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

Instrument :

BNA_G

ClientSampleId :

M-1

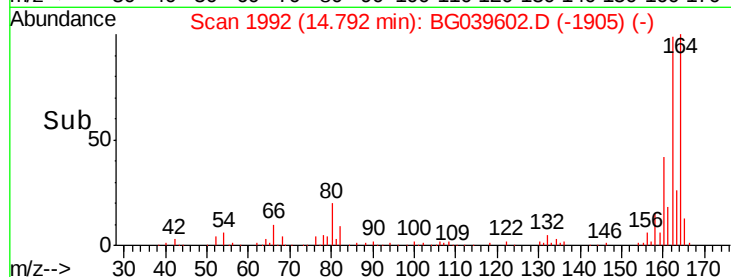
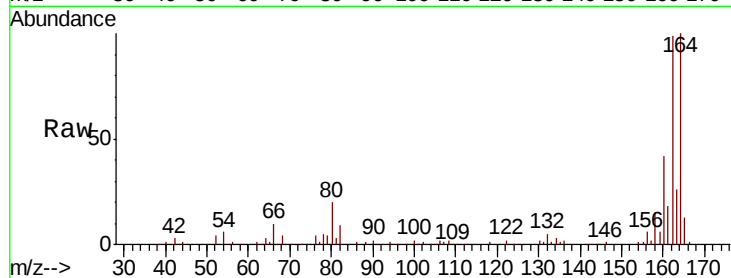
Tot Ion:164 Resp: 137882

Ion Ratio Lower Upper

164 100

162 99.4 81.6 122.4

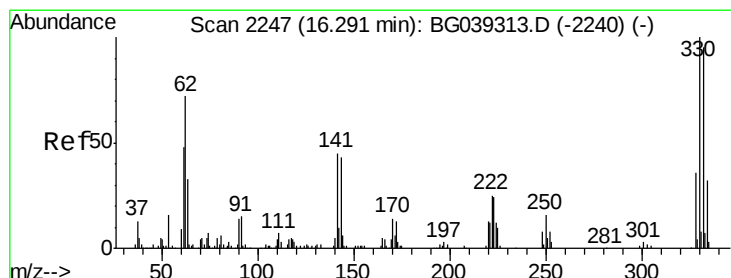
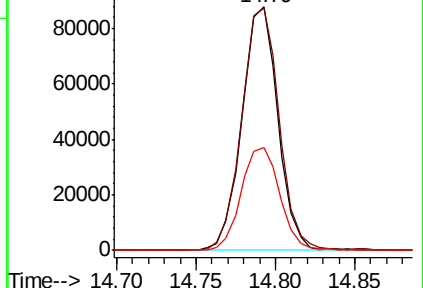
160 42.5 34.2 51.2



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: 120.551 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

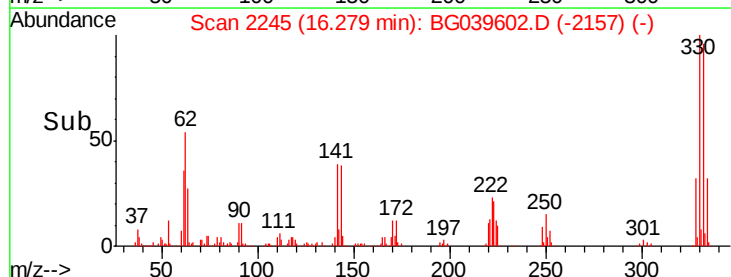
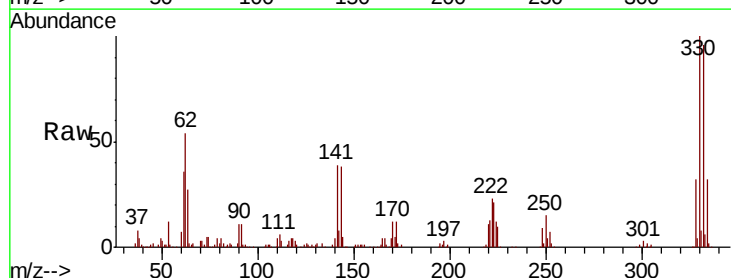
Tgt Ion:330 Resp: 178988

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

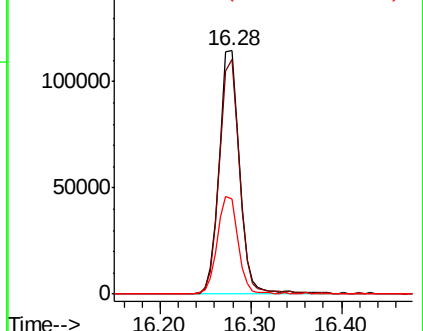
141 40.5 35.6 53.4



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

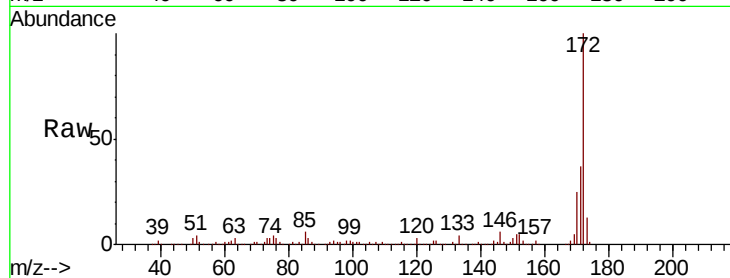




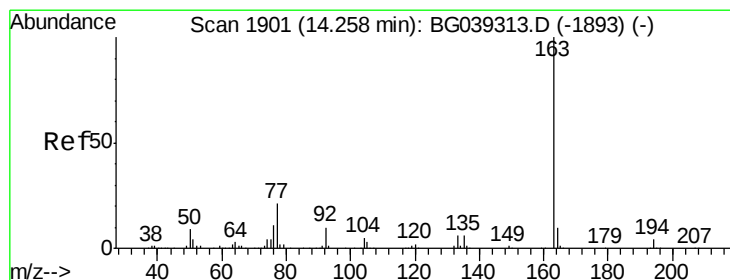
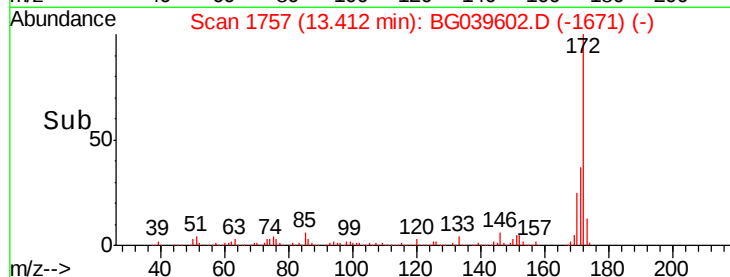
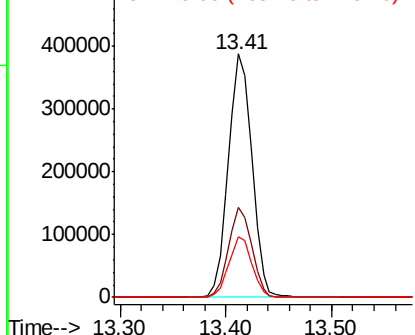
#45
2-Fluorobiphenyl
Concen: 62.455 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039602.D
Acq: 26 Feb 2019 16:02

Instrument :
BNA_G
ClientSampled :
M-1

Tot Ion:172 Resp: 600286
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 24.8 20.2 30.4

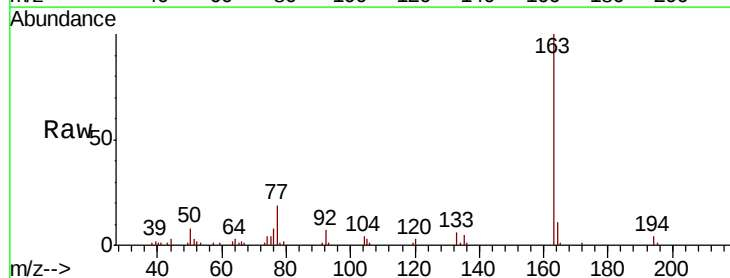


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

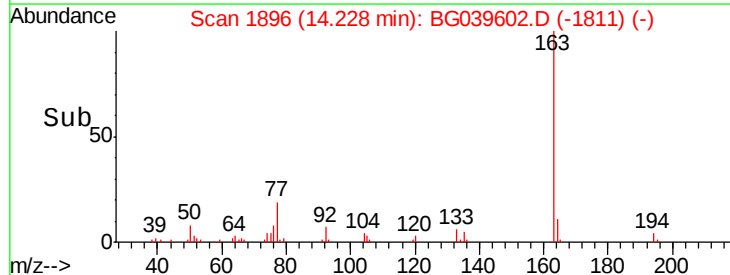
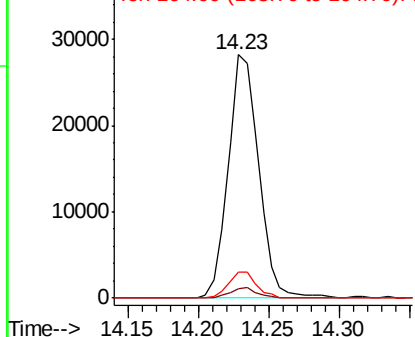


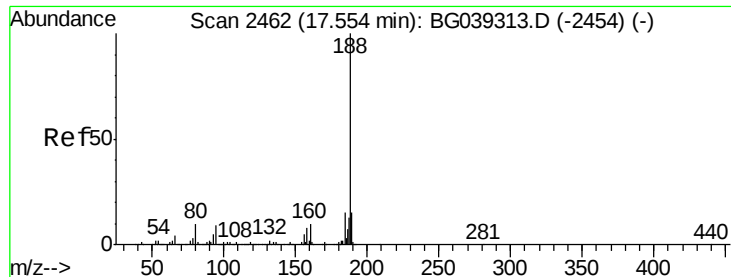
#50
Dimethylphthalate
Concen: 3.805 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BG039602.D
Acq: 26 Feb 2019 16:02

Tgt Ion:163 Resp: 42374
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4
164 10.7 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: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

Instrument :

BNA_G

ClientSampleId :

M-1

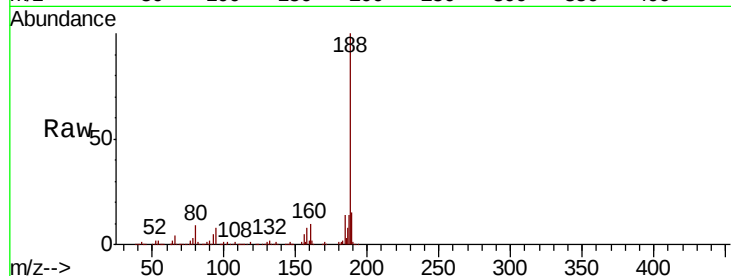
Tot Ion:188 Resp: 358453

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

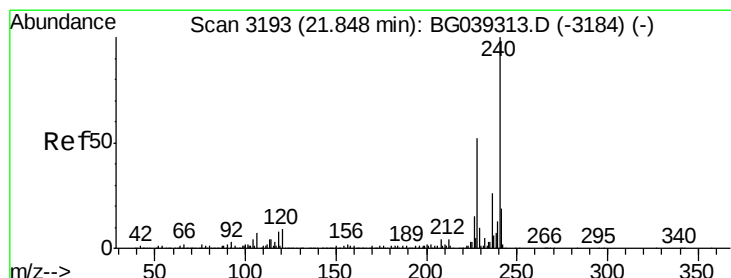
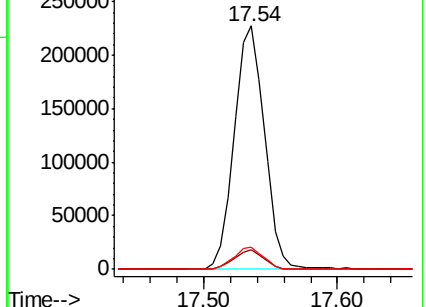
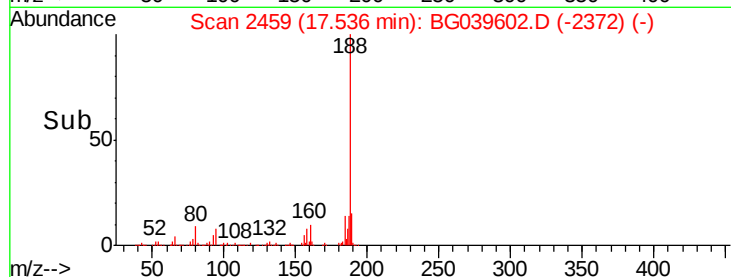
80 9.2 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.03 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

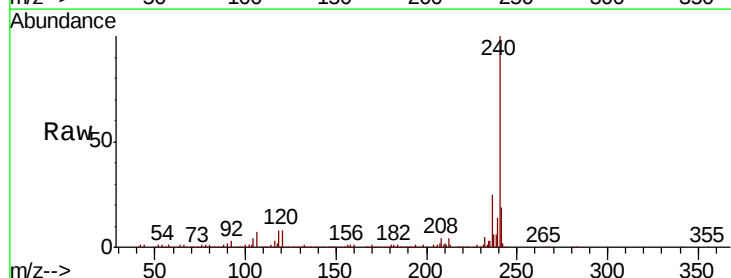
Tgt Ion:240 Resp: 404542

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

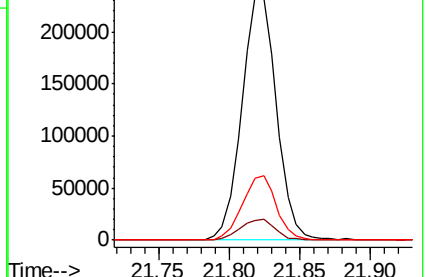
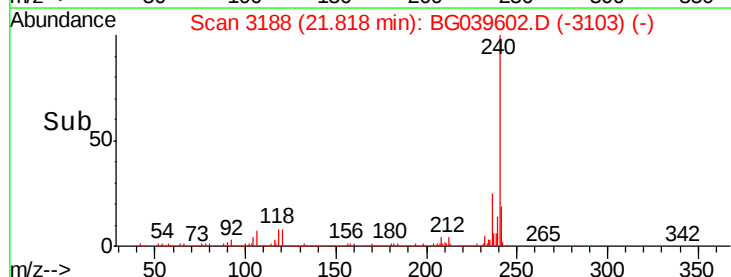
236 25.3 21.0 31.4

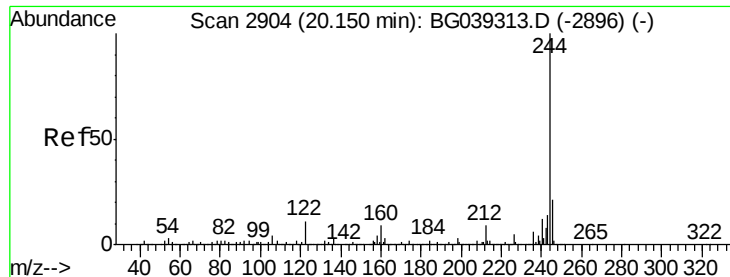


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.391 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

Instrument :

BNA_G

ClientSampleId :

M-1

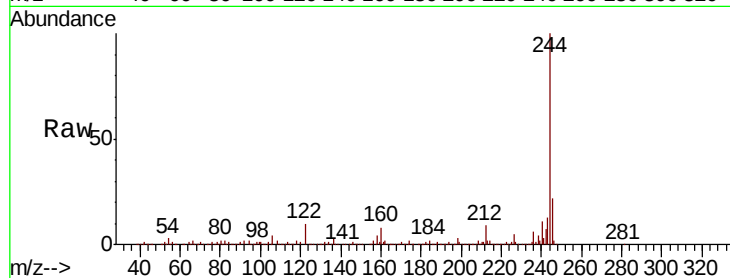
Tot Ion:244 Resp: 1058642

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

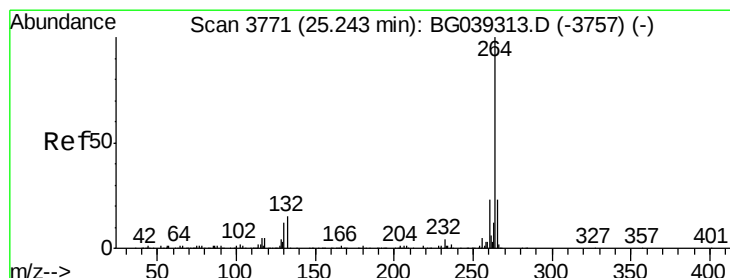
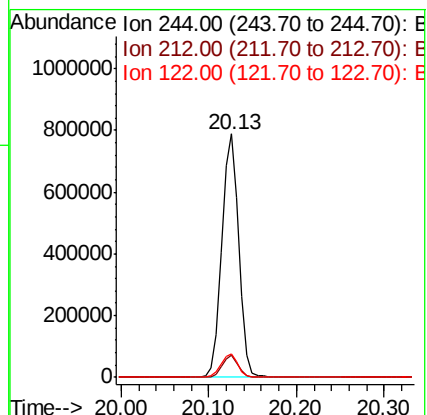
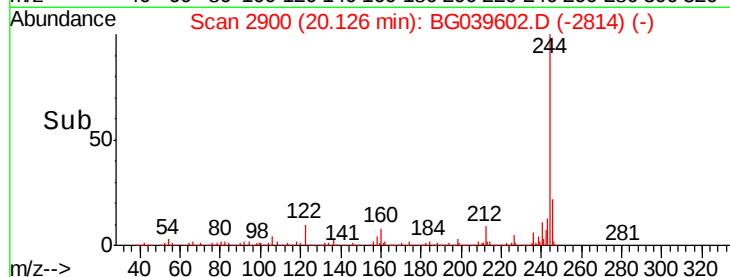
122 9.9 8.4 12.6



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: 25.20 min Scan# 3763

Delta R.T. -0.05 min

Lab File: BG039602.D

Acq: 26 Feb 2019 16:02

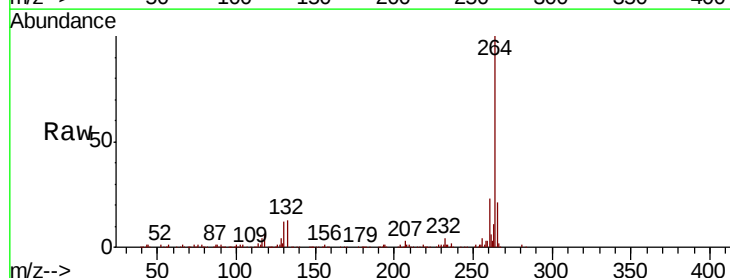
Tgt Ion:264 Resp: 411234

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.9 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

