

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039637.D
 Acq On : 27 Feb 2019 16:38
 Operator : JU/SJ
 Sample : K1631-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z31W

Quant Time: Feb 28 01:18:34 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

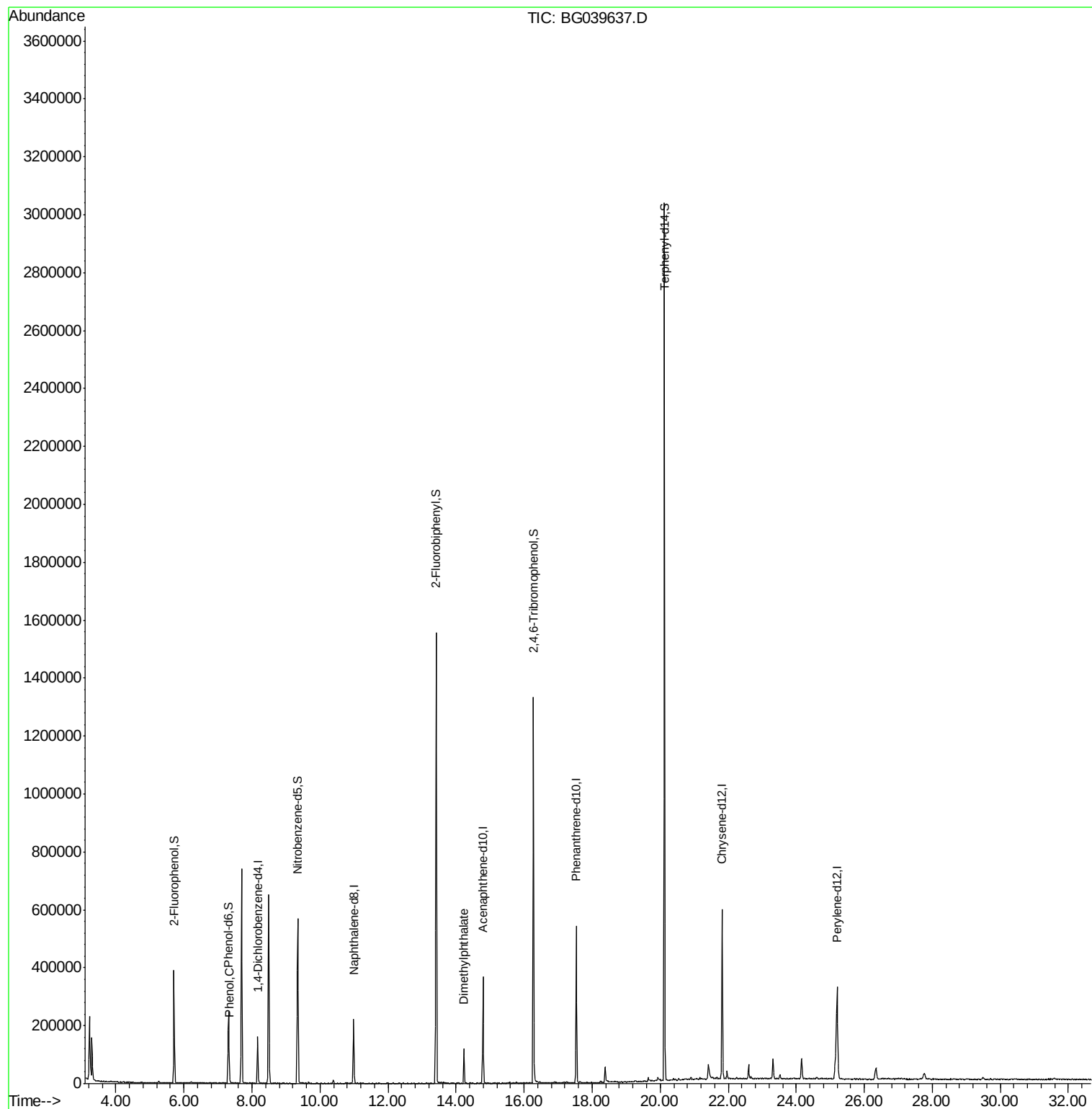
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45077	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	191653	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	131756	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	336947	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	354304	20.00	ng	-0.03
87) Perylene-d12	25.20	264	350708	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	166333	63.15	ng	0.00
7) Phenol-d6	7.31	99	141592	36.52	ng	0.00
23) Nitrobenzene-d5	9.34	82	345887	112.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	228417	160.99	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	832173	90.61	ng	-0.02
79) Terphenyl-d14	20.12	244	1402091	83.76	ng	-0.03
Target Compounds						
10) Phenol	7.34	94	17978	4.449	ng	96
50) Dimethylphthalate	14.23	163	83371	7.835	ng	99

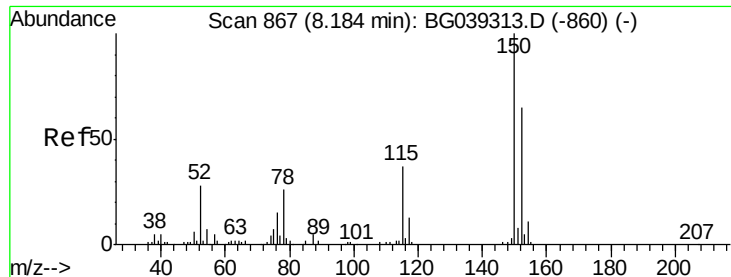
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_G

ClientSampleId :

Z31W

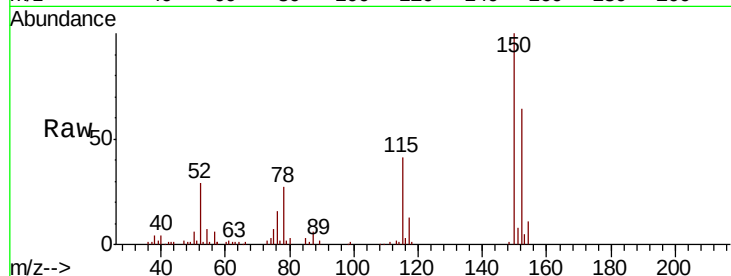
Tot Ion:152 Resp: 45077

Ion Ratio Lower Upper

152 100

150 155.1 123.7 185.5

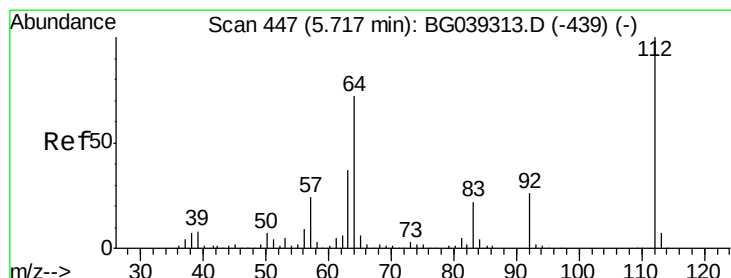
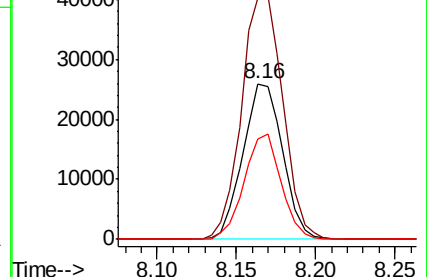
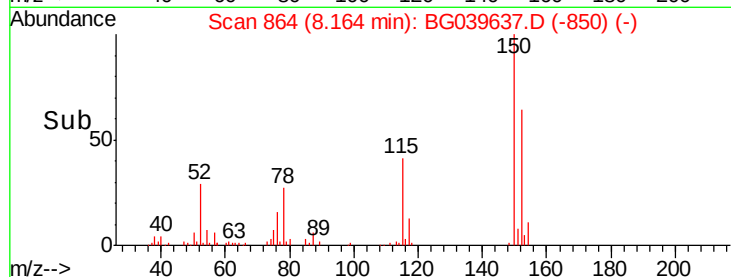
115 64.0 45.9 68.9



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: 63.154 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

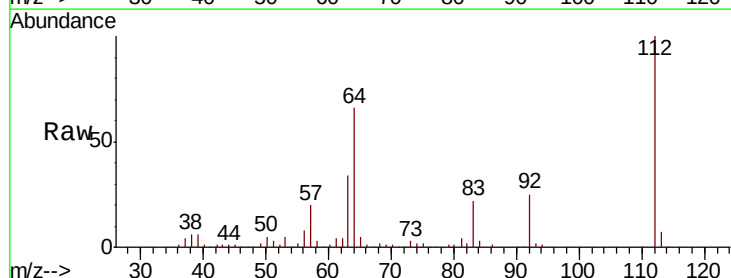
Tgt Ion:112 Resp: 166333

Ion Ratio Lower Upper

112 100

64 65.8 57.8 86.8

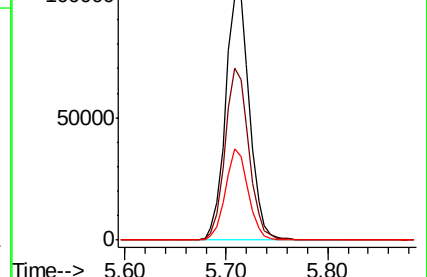
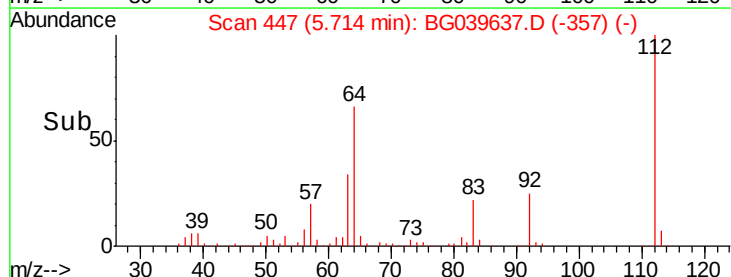
63 34.1 29.8 44.6

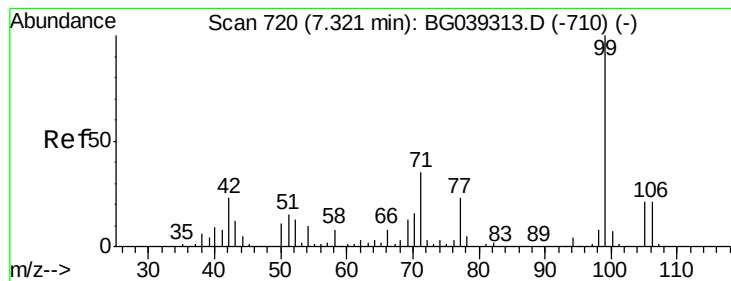


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.523 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_G

ClientSampled :

Z31W

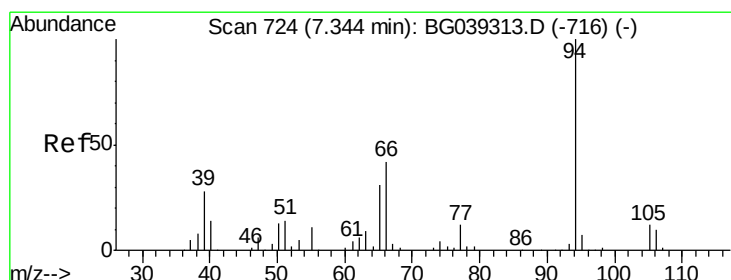
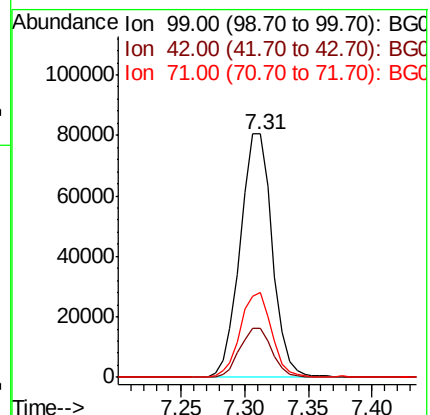
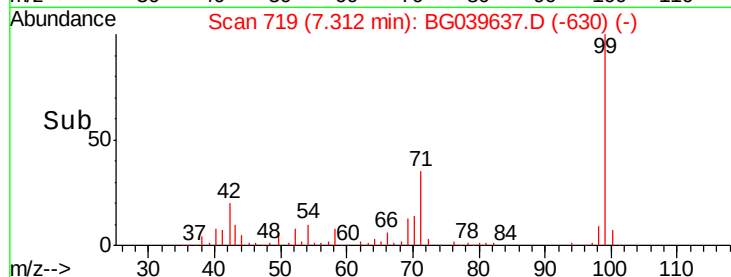
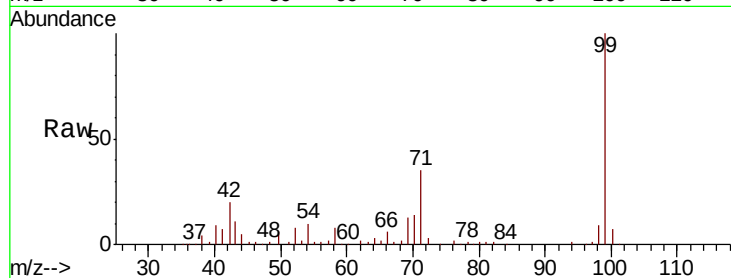
Tot Ion: 99 Resp: 141592

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 34.6 28.0 42.0



#10

Phenol

Concen: 4.449 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

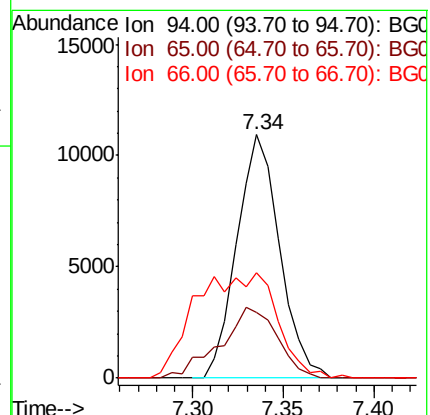
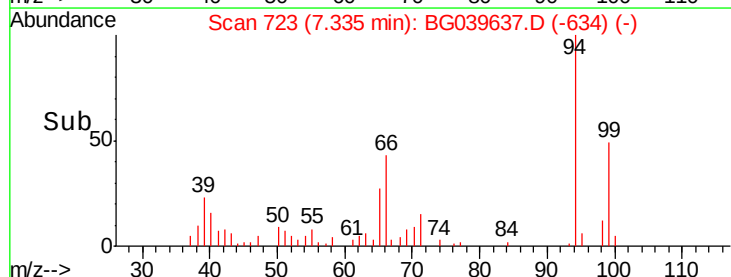
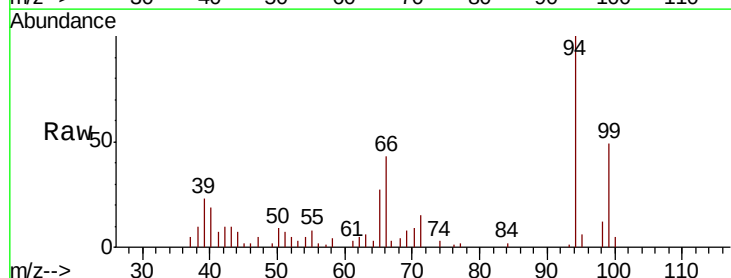
Tgt Ion: 94 Resp: 17978

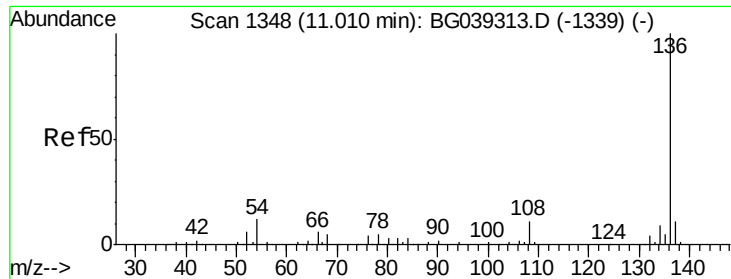
Ion Ratio Lower Upper

94 100

65 27.0 11.7 51.7

66 43.1 23.7 63.7

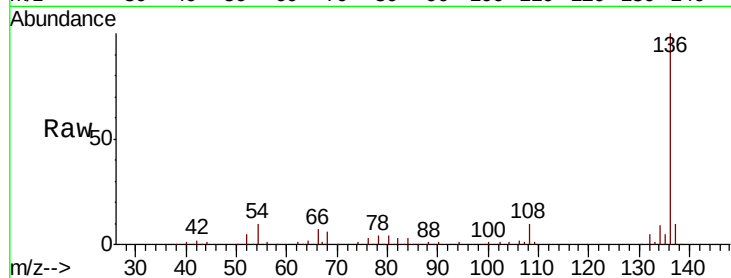




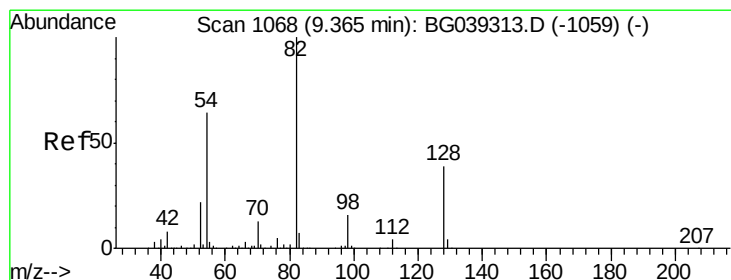
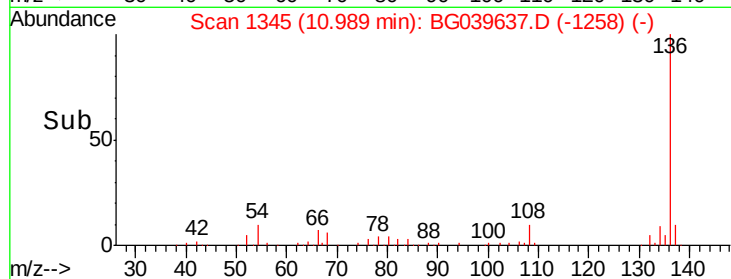
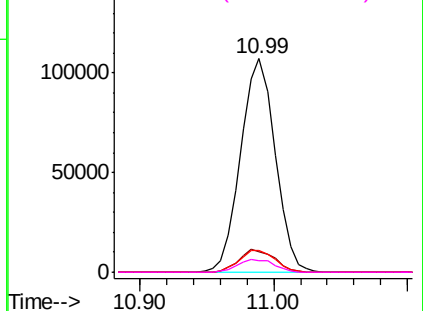
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039637.D
Acq: 27 Feb 2019 16:38

Instrument :
BNA_G
ClientSampleId :
Z31W

Tot Ion:136	Resp:	191653
Ion	Ratio	Lower Upper
136	100	
137	9.8	9.1 13.7
54	9.9	9.4 14.2
68	5.6	4.2 6.4

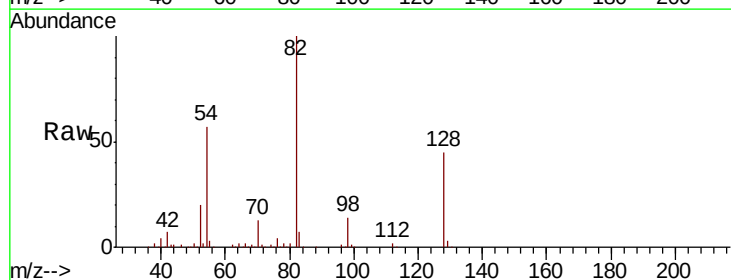


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

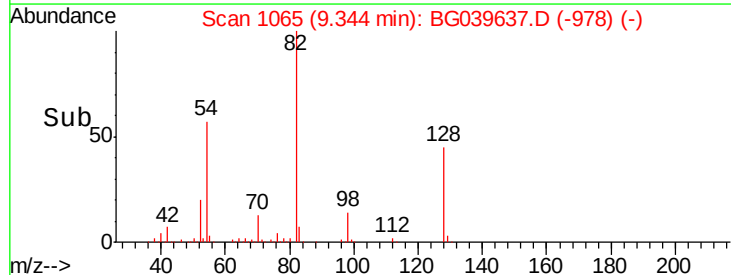
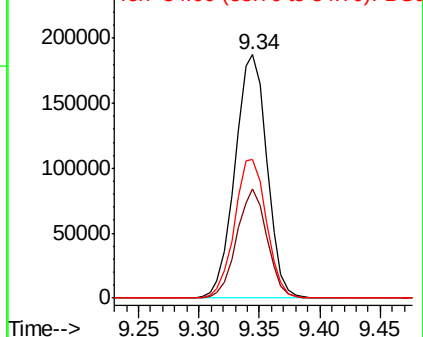


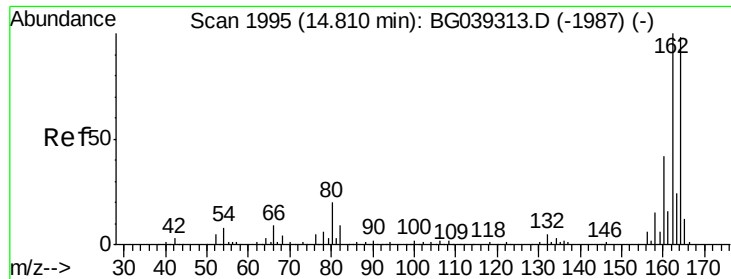
#23
Nitrobenzene-d5
Concen: 112.746 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039637.D
Acq: 27 Feb 2019 16:38

Tgt Ion: 82	Resp:	345887
Ion	Ratio	Lower Upper
82	100	
128	44.8	31.3 46.9
54	56.8	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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_G

ClientSampleId :

Z31W

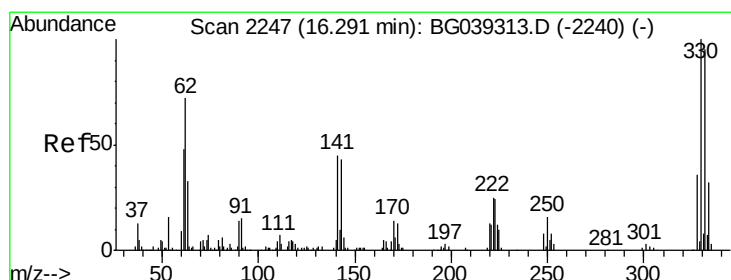
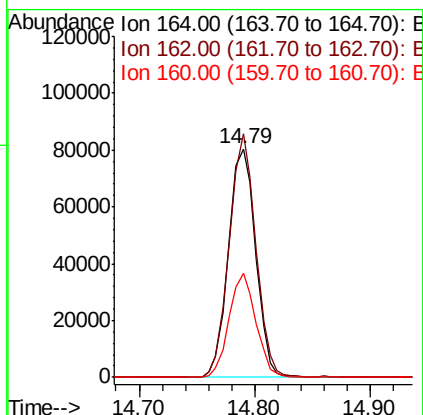
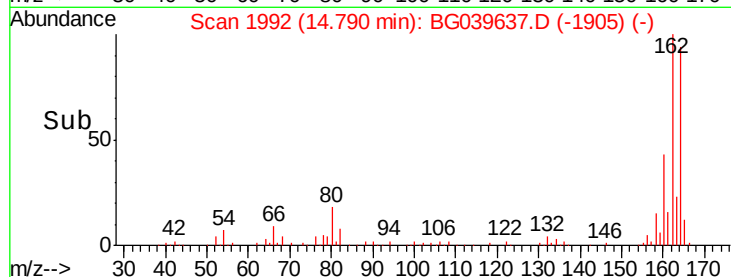
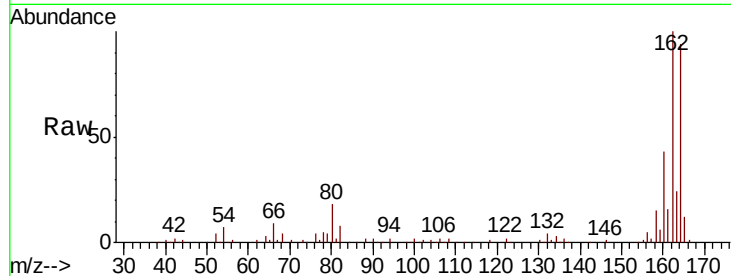
Tot Ion:164 Resp: 131756

Ion Ratio Lower Upper

164 100

162 106.7 81.6 122.4

160 45.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 160.995 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

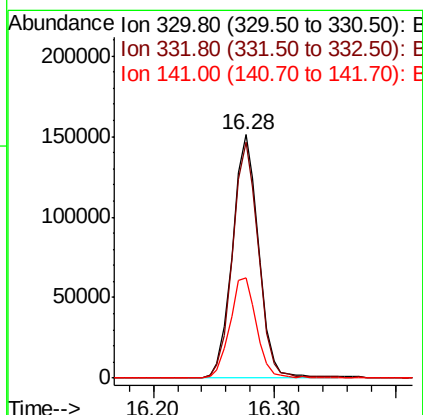
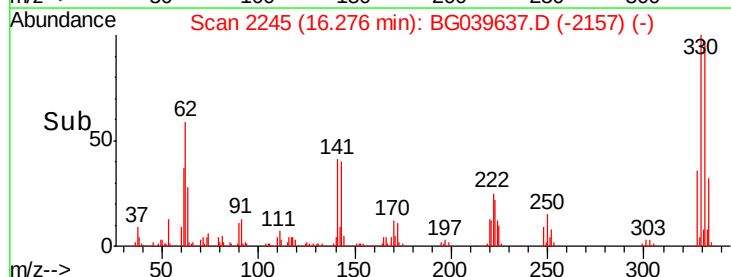
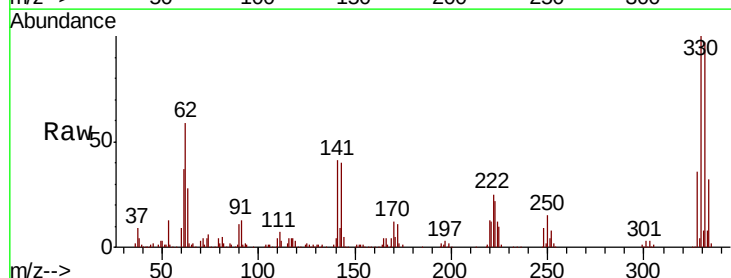
Tgt Ion:330 Resp: 228417

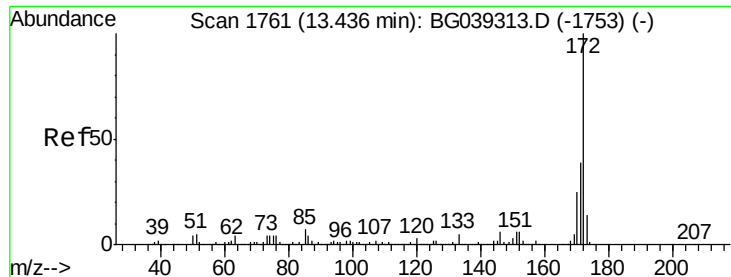
Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

141 42.0 35.6 53.4

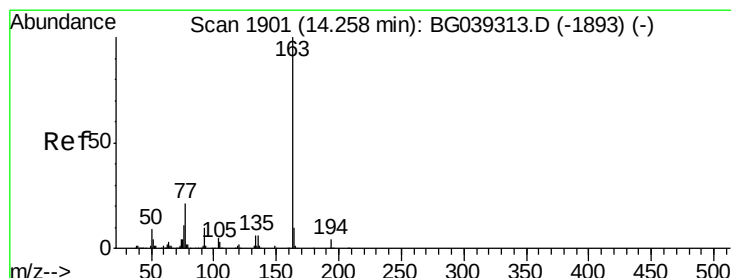
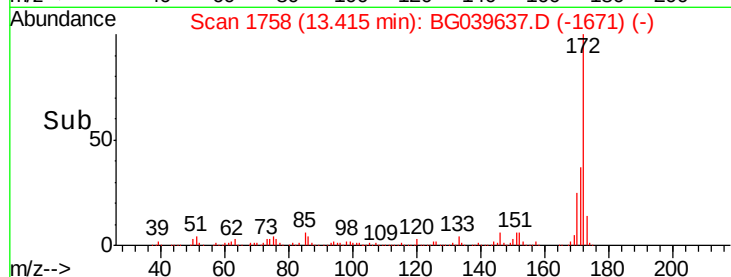
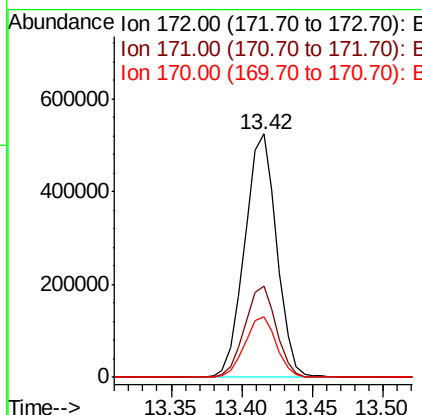
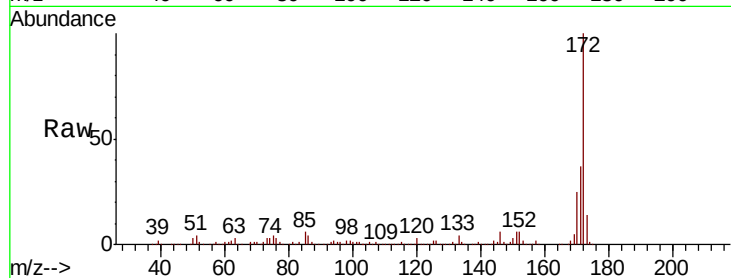




#45
2-Fluorobiphenyl
Concen: 90.606 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039637.D
Acq: 27 Feb 2019 16:38

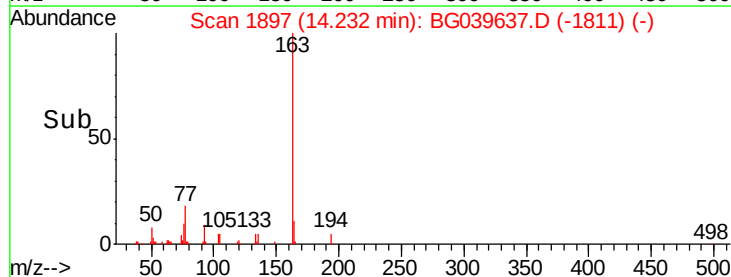
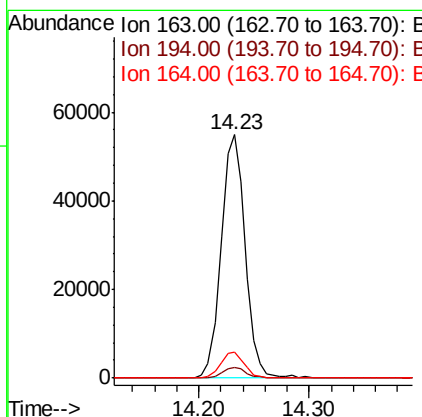
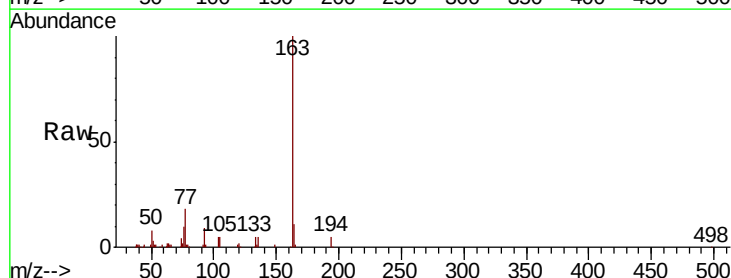
Instrument :
BNA_G
ClientSampleId :
Z31W

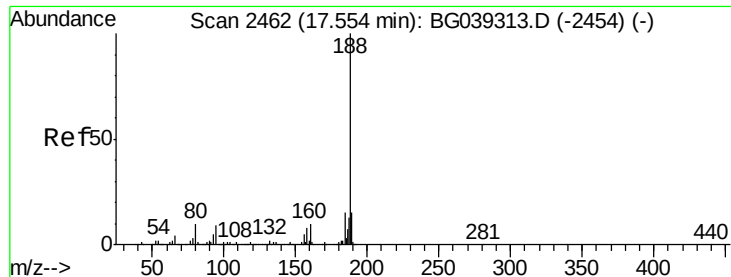
Tot Ion:172 Resp: 832173
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 25.0 20.2 30.4



#50
Dimethylphthalate
Concen: 7.835 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039637.D
Acq: 27 Feb 2019 16:38

Tgt Ion:163 Resp: 83371
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_G

ClientSampleId :

Z31W

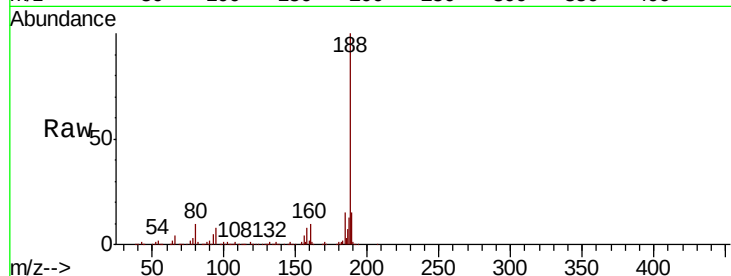
Tot Ion:188 Resp: 336947

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

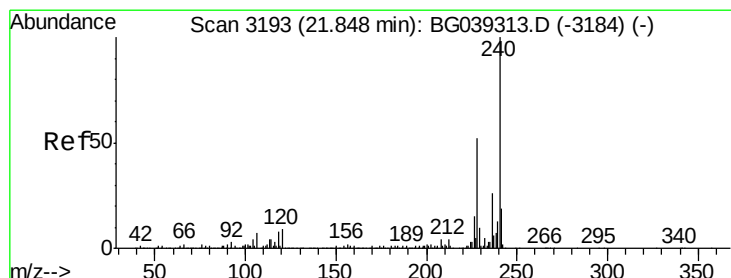
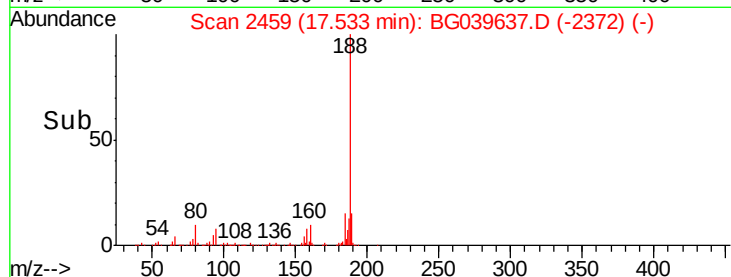
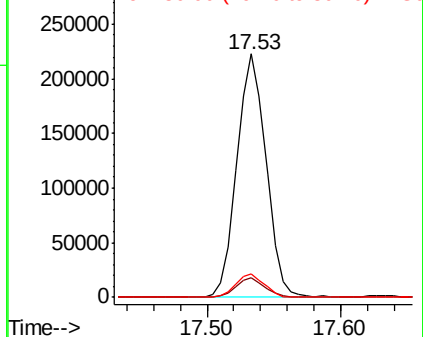
80 9.6 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039637.D

Acq: 27 Feb 2019 16:38

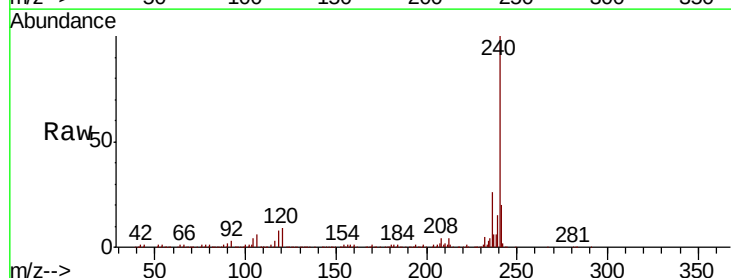
Tgt Ion:240 Resp: 354304

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

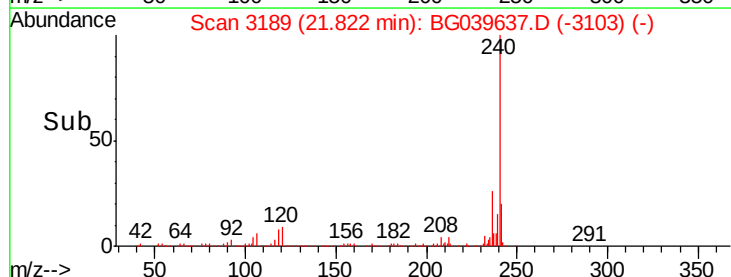
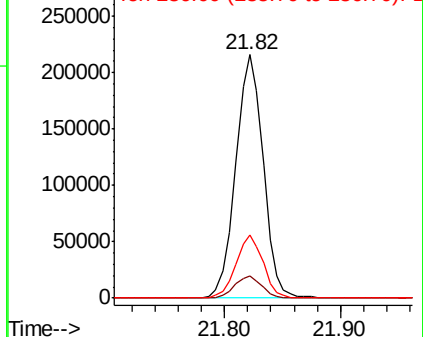
236 26.0 21.0 31.4

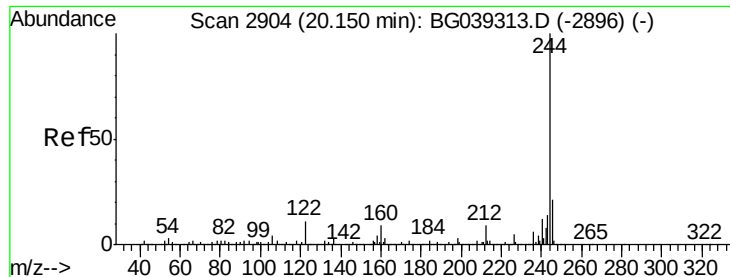


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

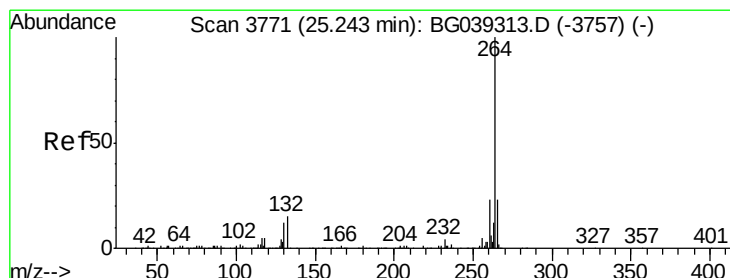
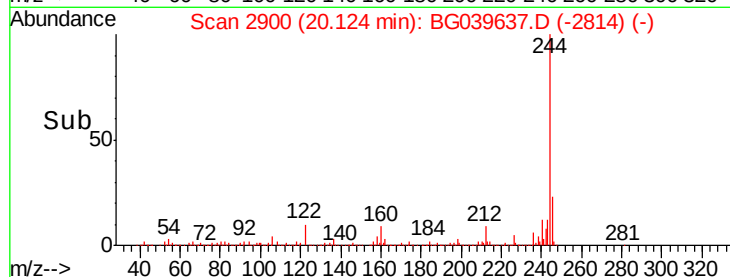
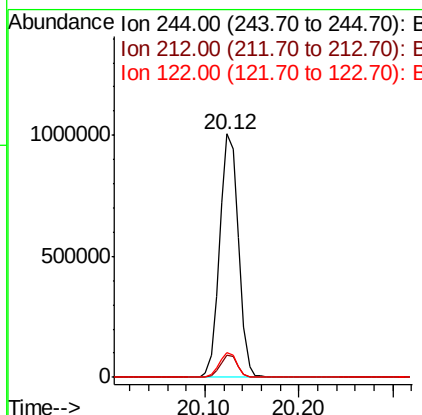
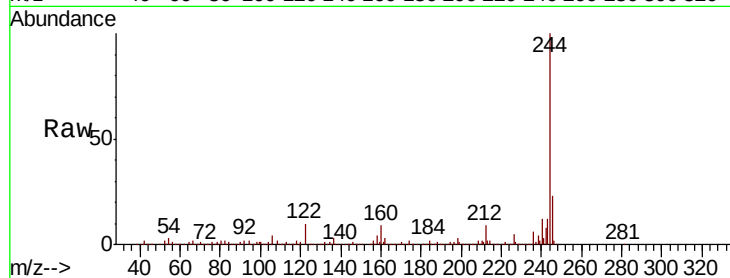




#79
 Terphenyl-d14
 Concen: 83.764 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG039637.D
 Acq: 27 Feb 2019 16:38

Instrument :
 BNA_G
 ClientSampleId :
 Z31W

Tot Ion:244 Resp: 1402091
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.3 10.9
 122 10.0 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039637.D
 Acq: 27 Feb 2019 16:38

Tgt Ion:264 Resp: 350708
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.4
 265 22.2 18.5 27.7

