

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039463.D
 Acq On : 12 Feb 2019 14:33
 Operator : JU/SJ
 Sample : PB117032BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BL

Quant Time: Feb 12 18:04:34 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	8.17	152	50037	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	236189	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	167196	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	417200	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	424843	20.00	ng	-0.02
87) Perylene-d12	25.21	264	416818	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	393469	134.59	ng	0.00
7) Phenol-d6	7.31	99	583875	135.68	ng	-0.01
23) Nitrobenzene-d5	9.35	82	333948	88.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	223805	124.31	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	898217	77.07	ng	-0.02
79) Terphenyl-d14	20.13	244	1407994	70.15	ng	-0.02

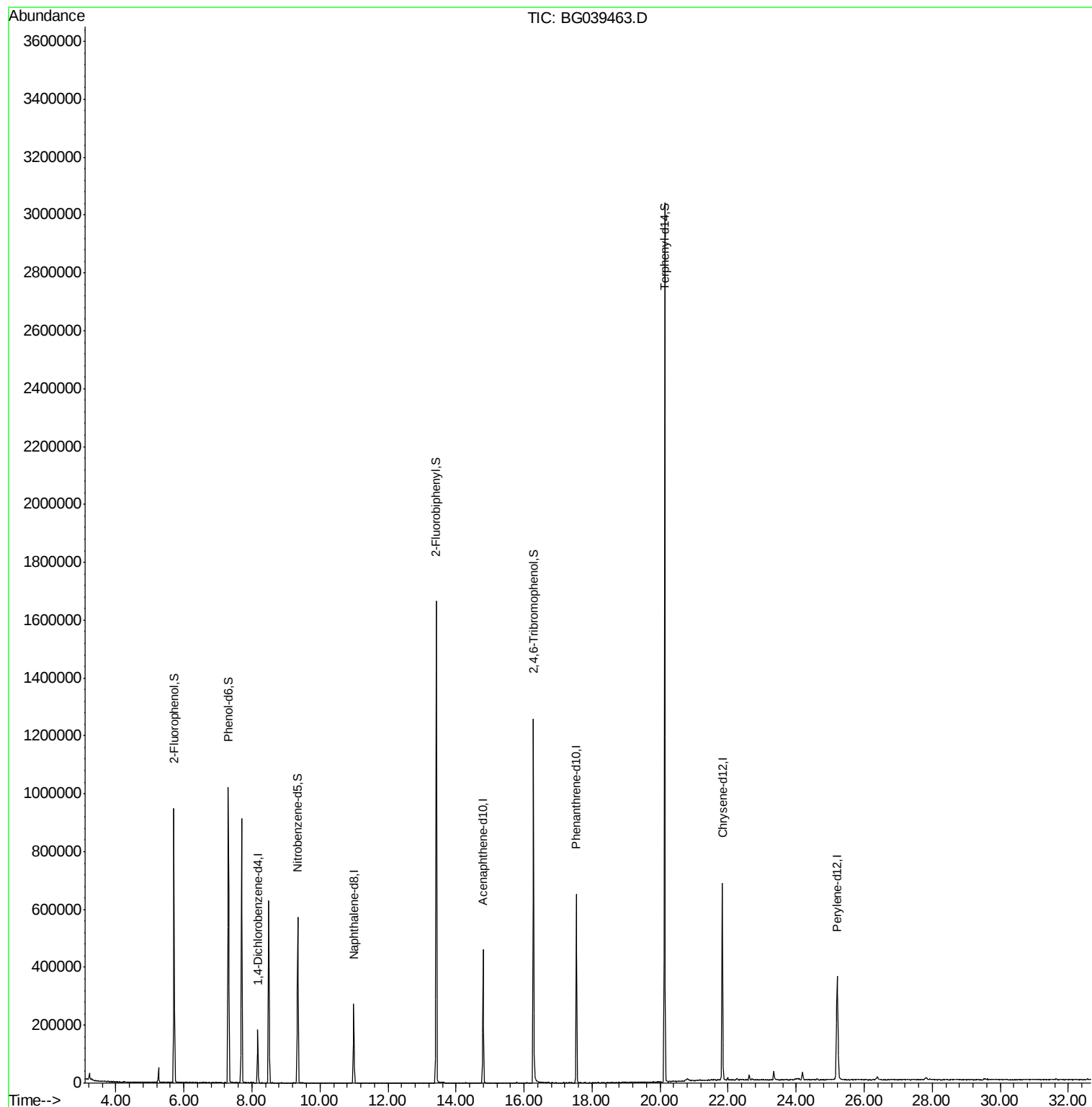
Target Compounds Qvalue

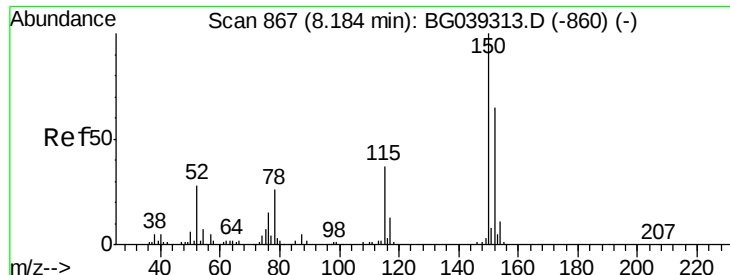
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

Instrument :

BNA_G

ClientSampleId :

PB117032BL

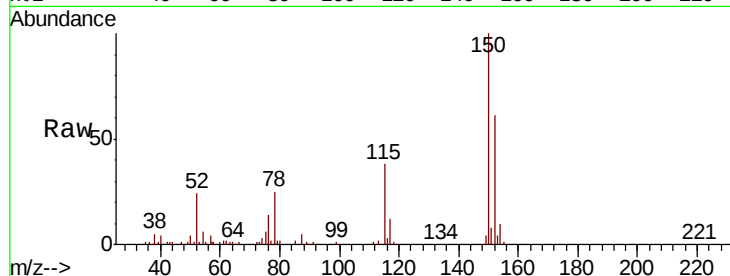
Tot Ion:152 Resp: 50037

Ion Ratio Lower Upper

152 100

150 163.4 123.7 185.5

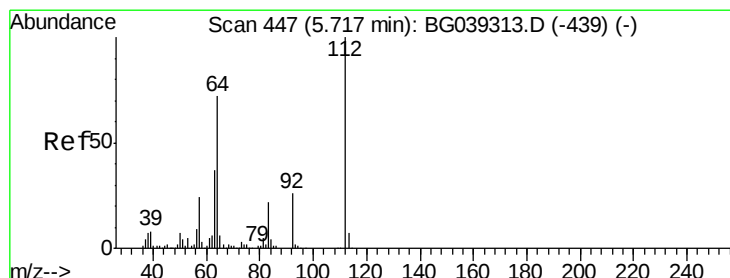
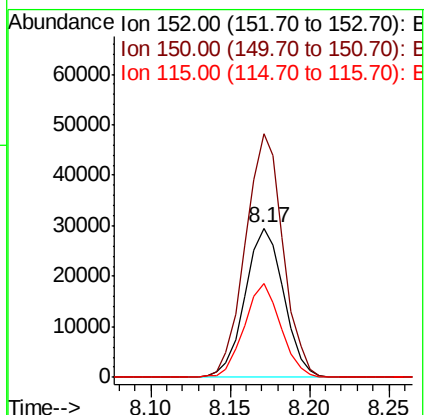
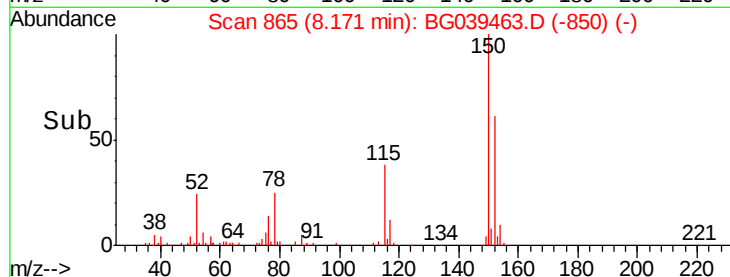
115 62.7 45.9 68.9



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: 134.586 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

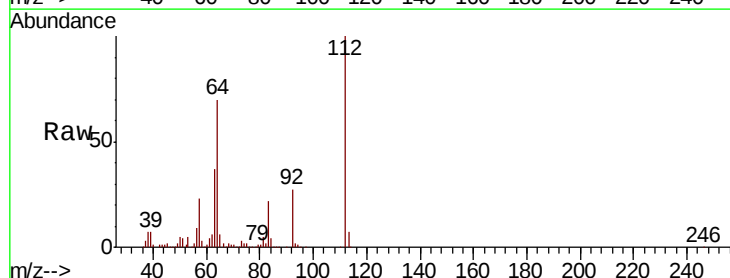
Tgt Ion:112 Resp: 393469

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

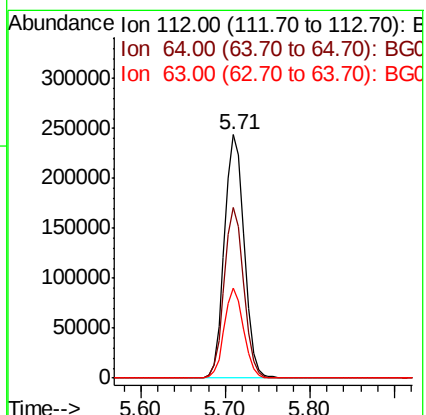
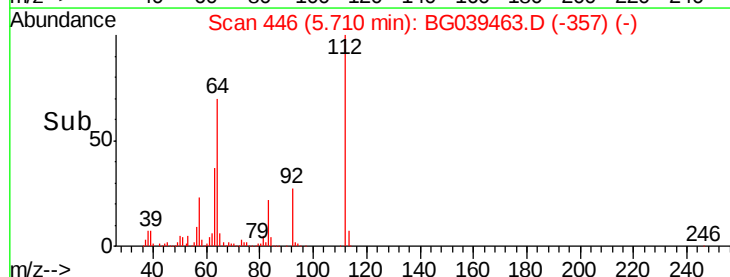
63 37.2 29.8 44.6

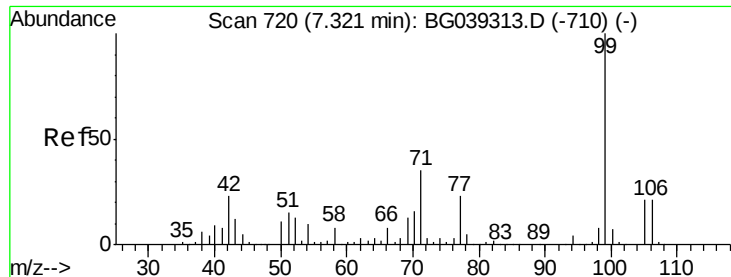


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.678 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

Instrument :

BNA_G

ClientSampleId :

PB117032BL

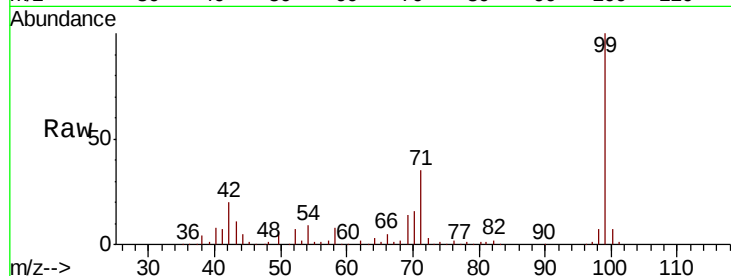
Tot Ion: 99 Resp: 583875

Ion Ratio Lower Upper

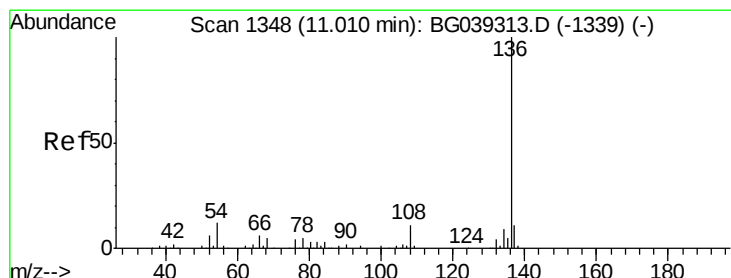
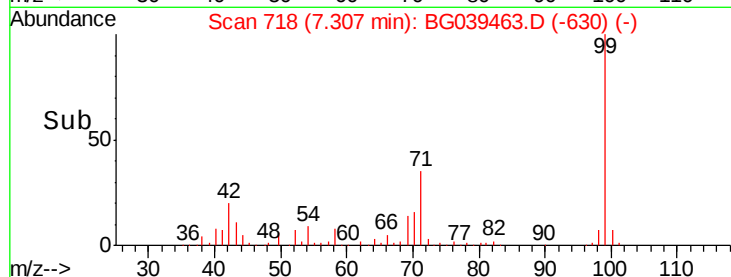
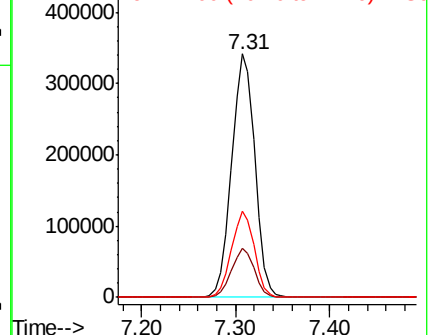
99 100

42 20.3 18.2 27.2

71 35.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

Tgt Ion: 136 Resp: 236189

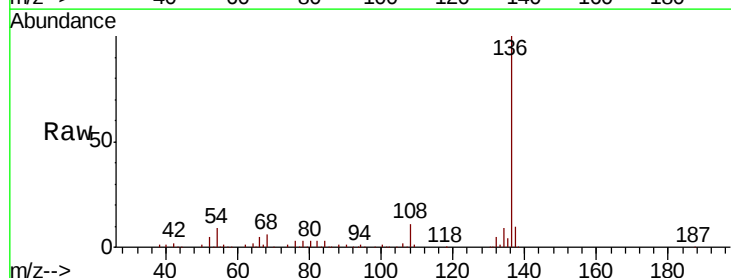
Ion Ratio Lower Upper

136 100

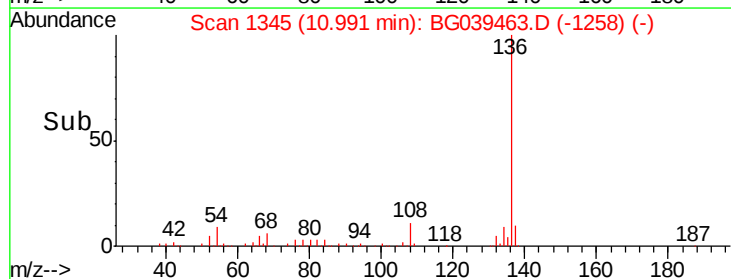
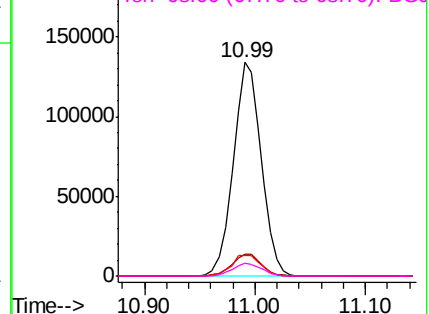
137 10.3 9.1 13.7

54 9.4 9.4 14.2#

68 5.8 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

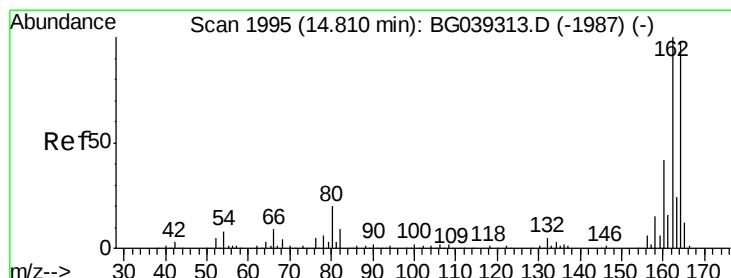
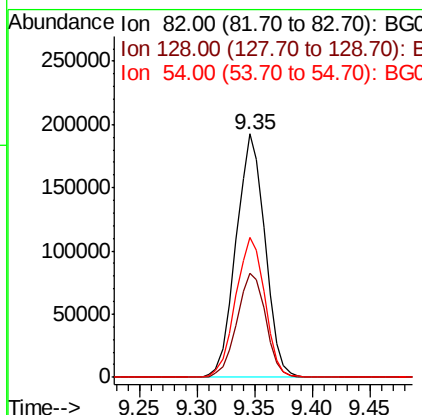
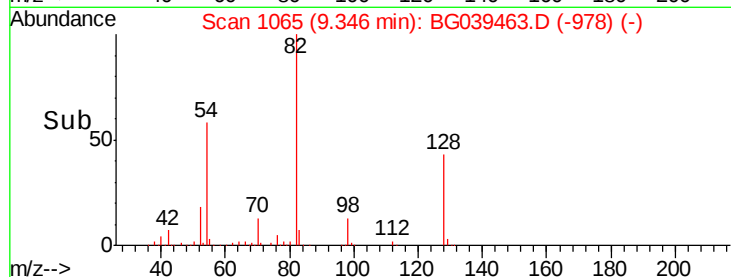
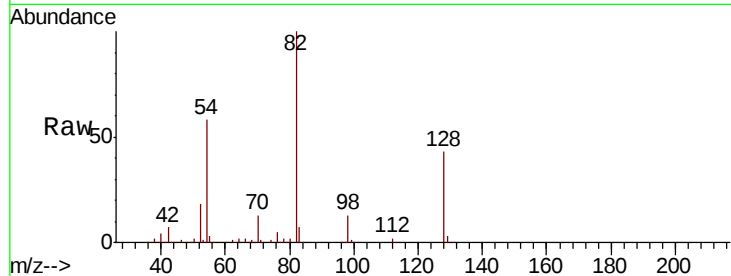




#23
Nitrobenzene-d5
Concen: 88.329 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039463.D
Acq: 12 Feb 2019 14:33

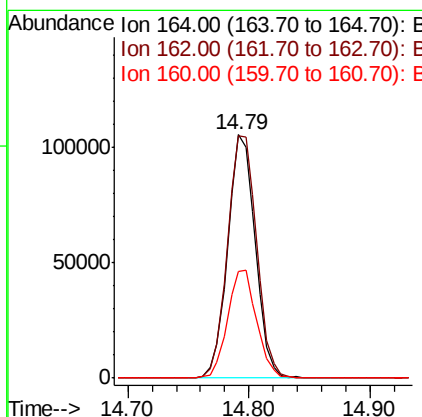
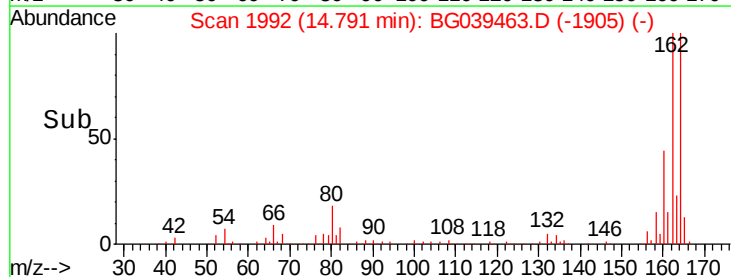
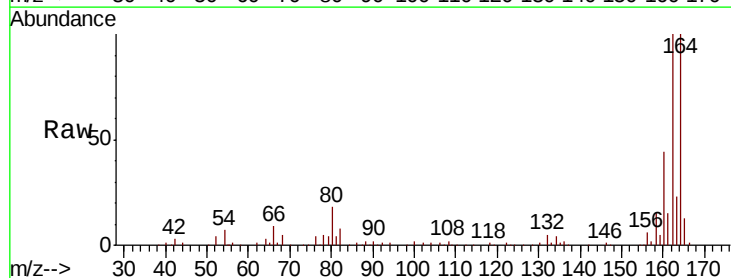
Instrument :
BNA_G
ClientSampleId :
PB117032BL

Tot Ion: 82 Resp: 333948
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 57.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039463.D
Acq: 12 Feb 2019 14:33

Tgt Ion: 164 Resp: 167196
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 43.7 34.2 51.2

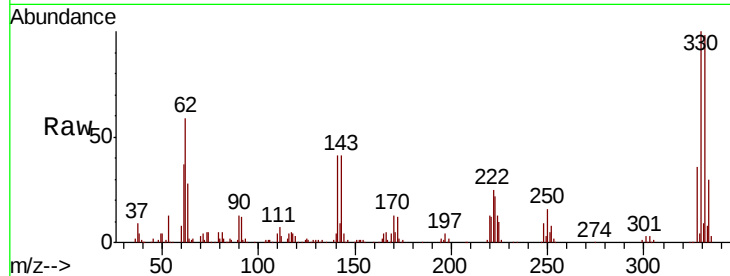




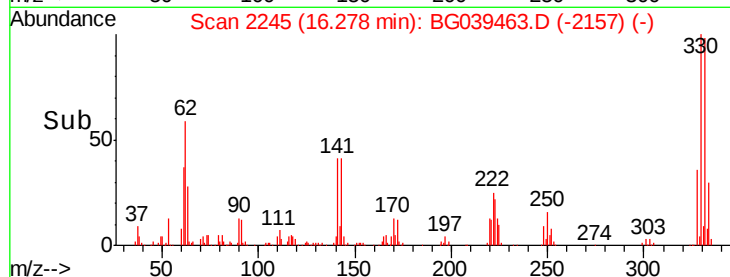
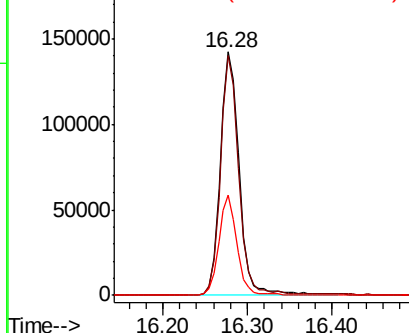
#42
 2,4,6-Tribromophenol
 Concen: 124.307 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039463.D
 Acq: 12 Feb 2019 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB117032BL

Tot Ion:330 Resp: 223805
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 39.4 35.6 53.4

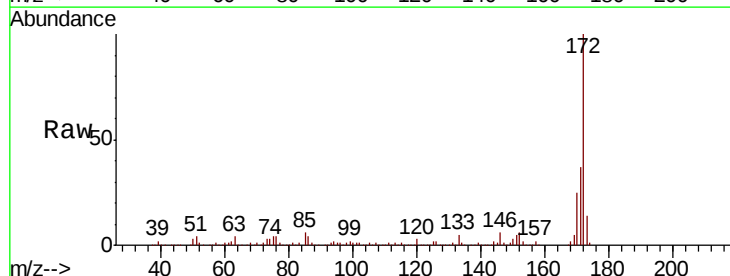


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

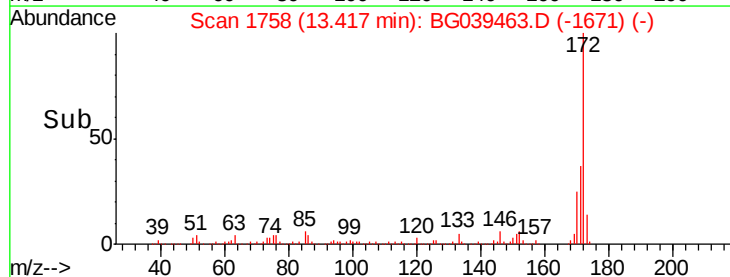
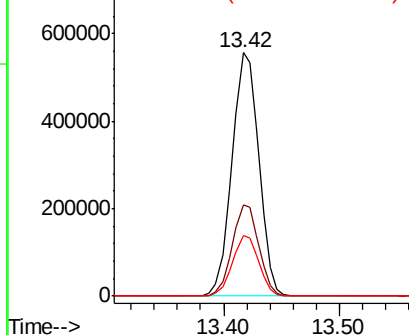


#45
 2-Fluorobiphenyl
 Concen: 77.067 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039463.D
 Acq: 12 Feb 2019 14:33

Tgt Ion:172 Resp: 898217
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.1 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# 2459

Delta R.T. -0.02 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

Instrument :

BNA_G

ClientSampleId :

PB117032BL

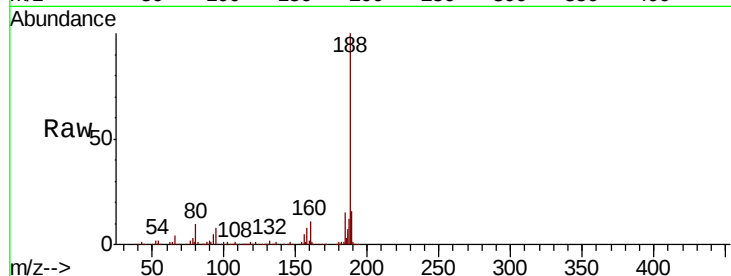
Tot Ion:188 Resp: 417200

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

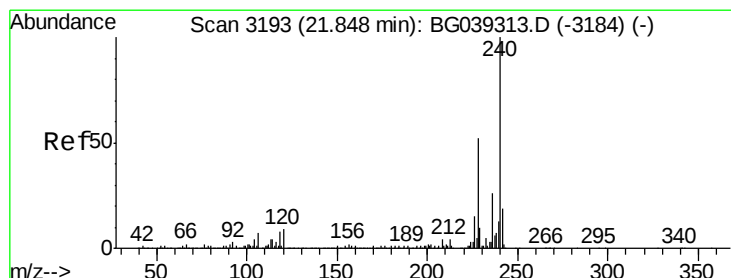
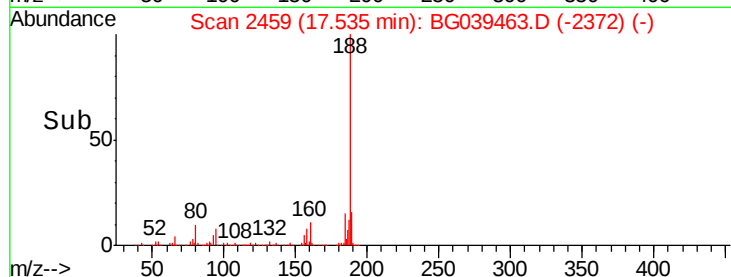
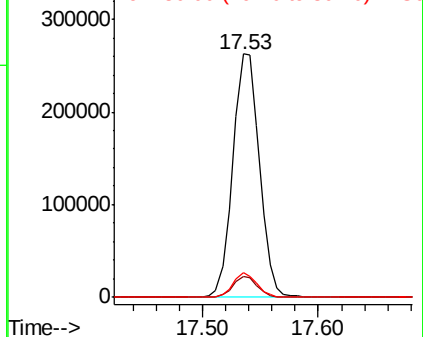
80 10.3 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

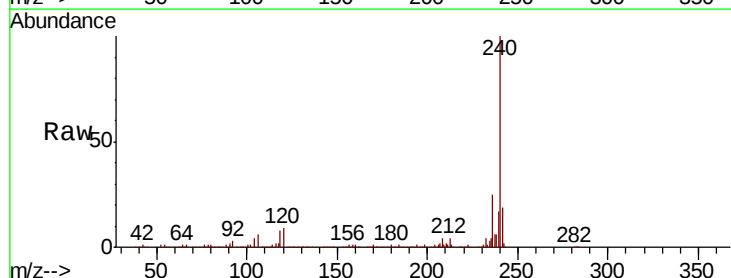
Tgt Ion:240 Resp: 424843

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

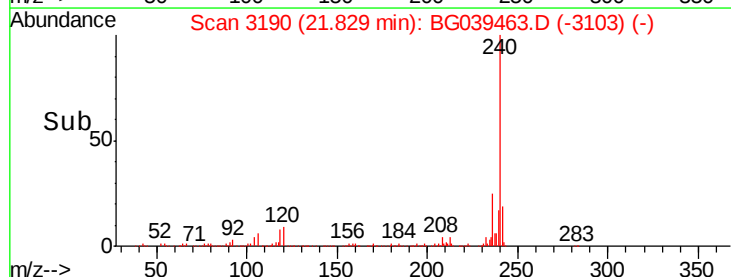
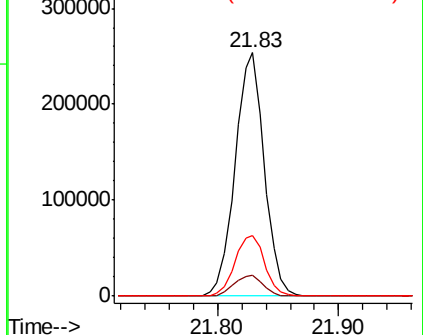
236 24.7 21.0 31.4



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: 70.150 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

Instrument :

BNA_G

ClientSampleId :

PB117032BL

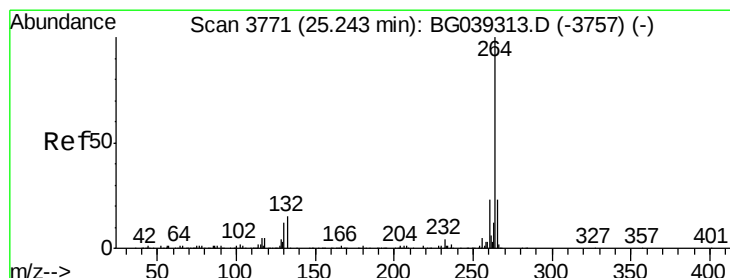
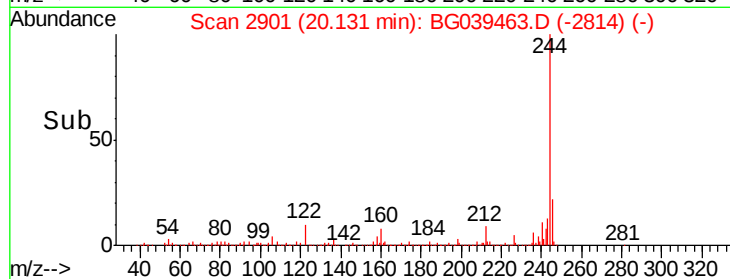
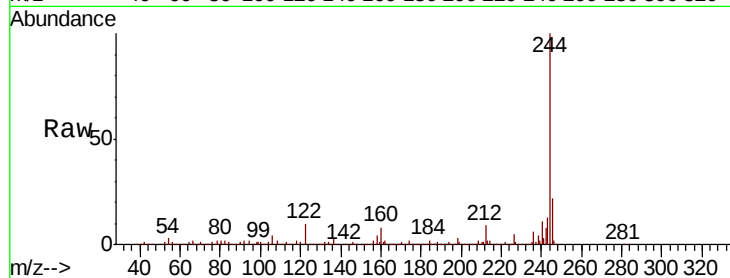
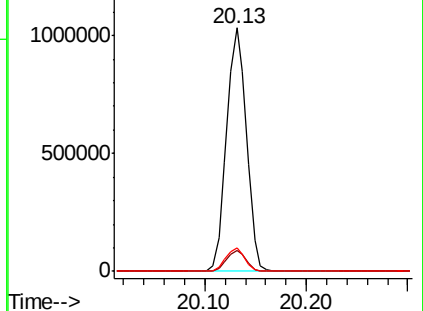
Tot Ion:244 Resp: 1407994

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.8	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: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039463.D

Acq: 12 Feb 2019 14:33

Tgt Ion:264 Resp: 416818

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.2	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

