

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
 Data File : BG039362.D
 Acq On : 5 Feb 2019 20:05
 Operator : JU/SJ
 Sample : PB116850BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BL

Quant Time: Feb 05 23:12:45 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	8.18	152	49048	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	207642	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	131980	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	323471	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	365952	20.00	ng	-0.01
87) Perylene-d12	25.22	264	358442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	298999	104.33	ng	0.00
7) Phenol-d6	7.31	99	419254	99.39	ng	0.00
23) Nitrobenzene-d5	9.35	82	219571	66.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	60379	42.48	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	593713	64.53	ng	-0.01
79) Terphenyl-d14	20.14	244	1007719	58.29	ng	-0.01

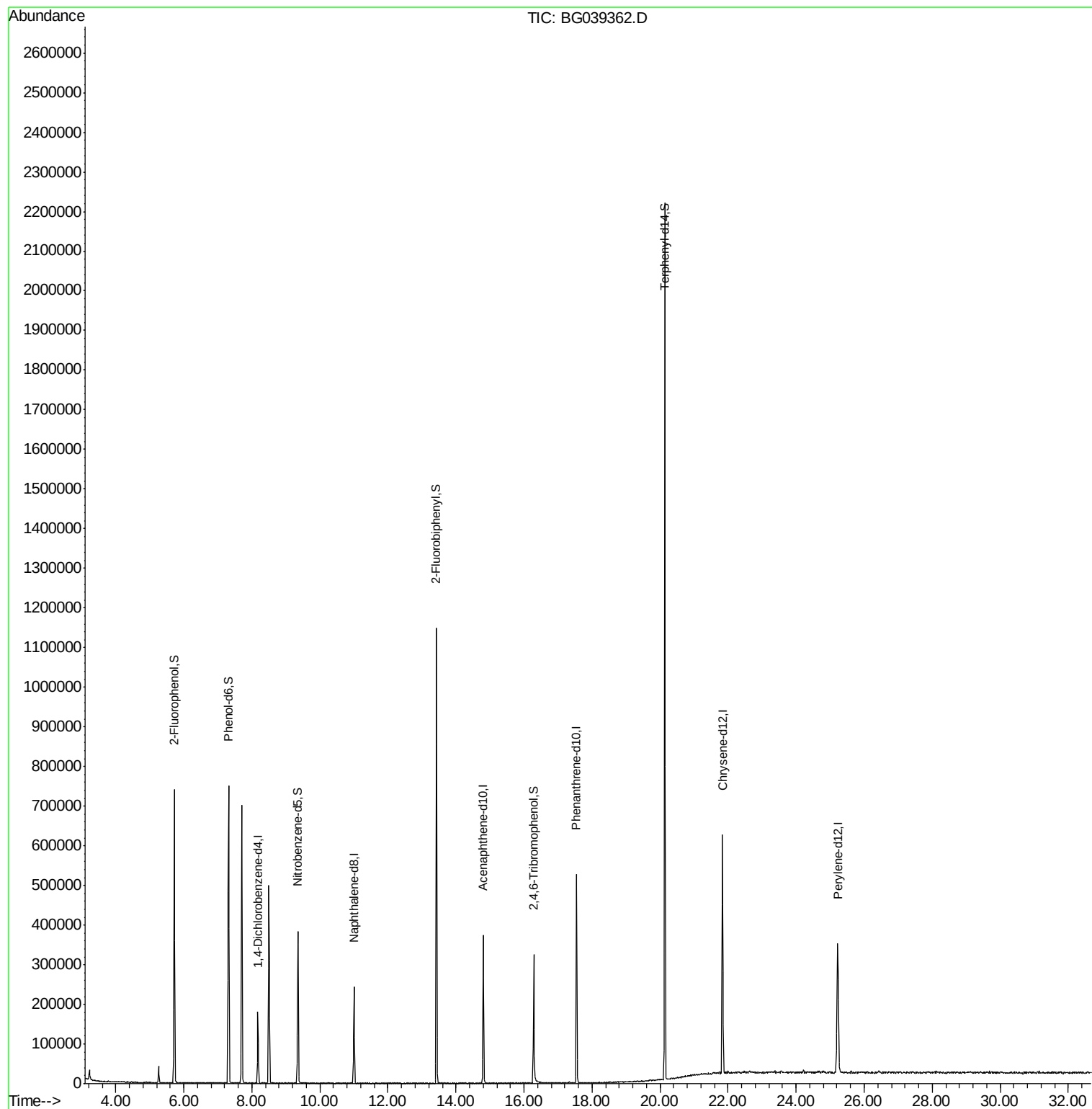
Target Compounds Qvalue

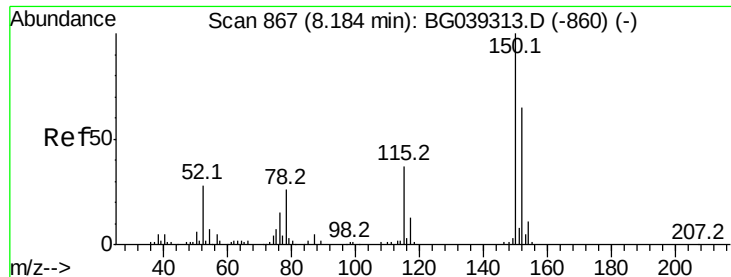
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

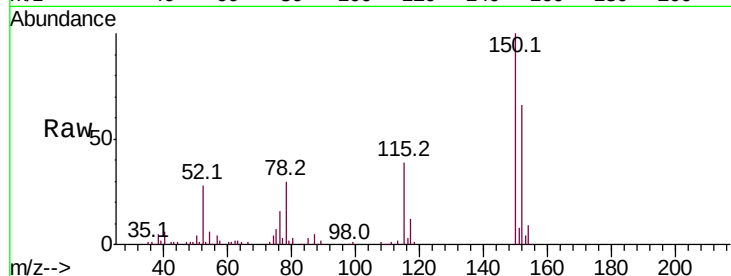
Tot Ion:152 Resp: 49048

Ion Ratio Lower Upper

152 100

150 152.3 123.7 185.5

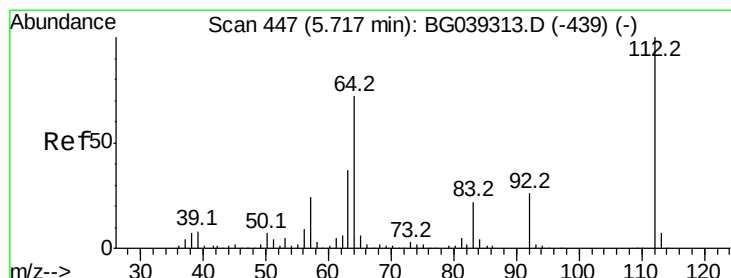
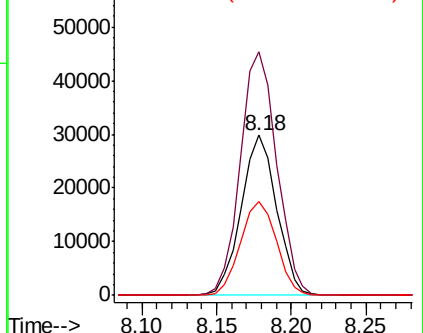
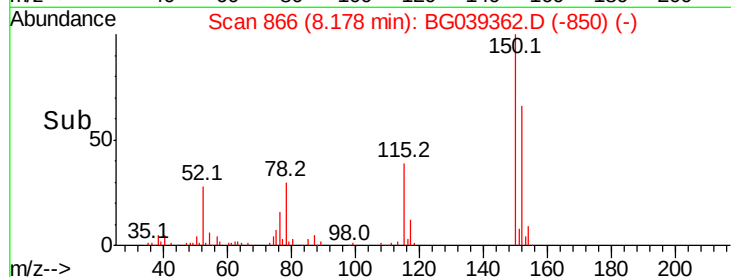
115 58.9 45.9 68.9



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: 104.334 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

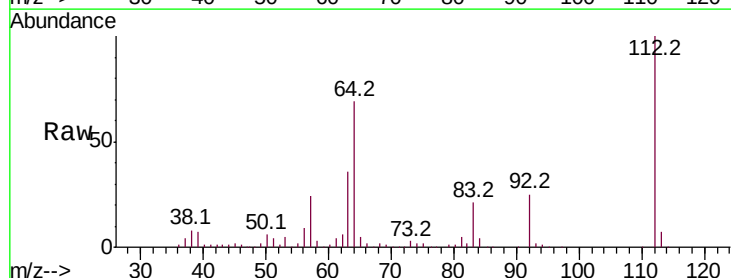
Tgt Ion:112 Resp: 298999

Ion Ratio Lower Upper

112 100

64 68.9 57.8 86.8

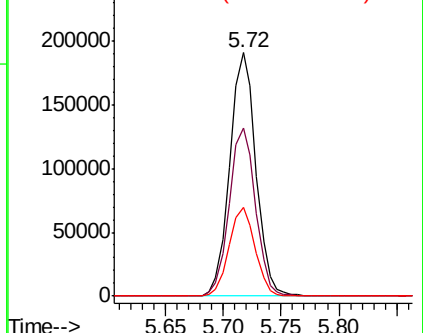
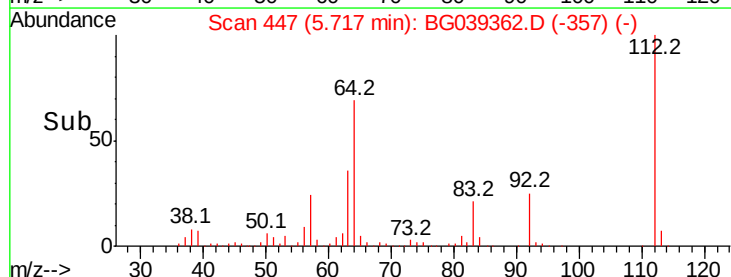
63 36.2 29.8 44.6

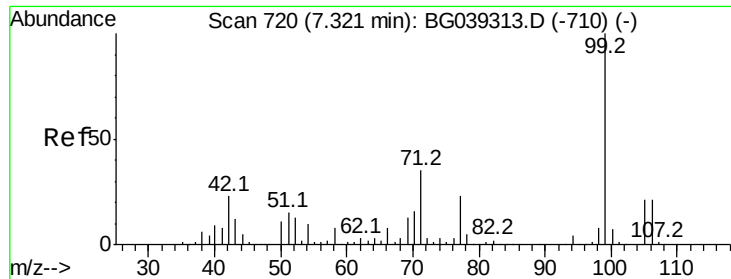


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.388 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

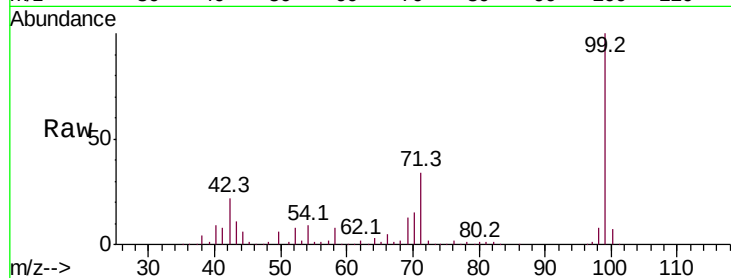
Tot Ion: 99 Resp: 419254

Ion Ratio Lower Upper

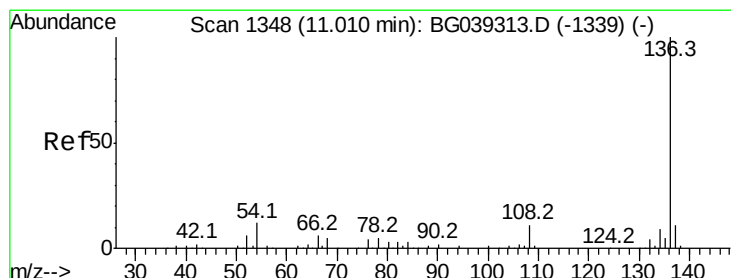
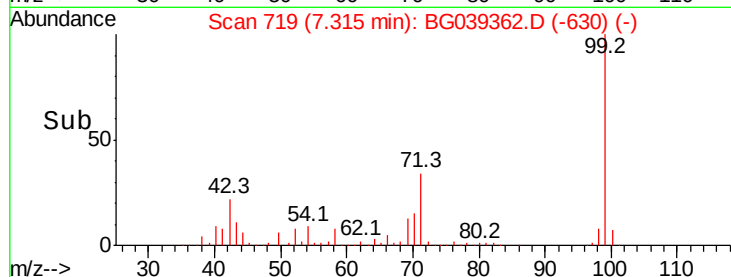
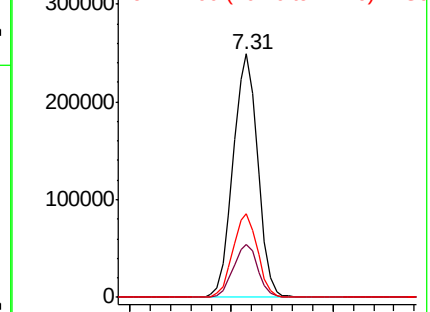
99 100

42 21.7 18.2 27.2

71 34.3 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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Tgt Ion: 136 Resp: 207642

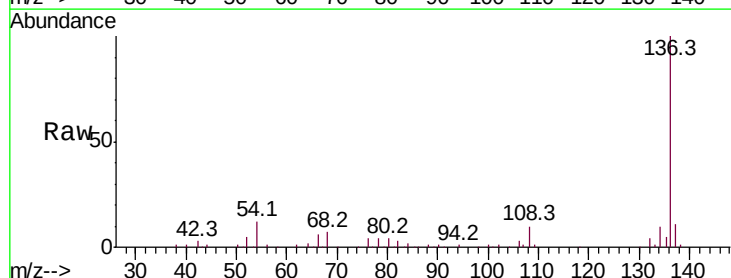
Ion Ratio Lower Upper

136 100

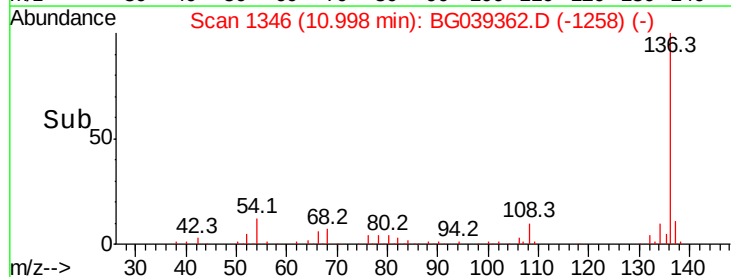
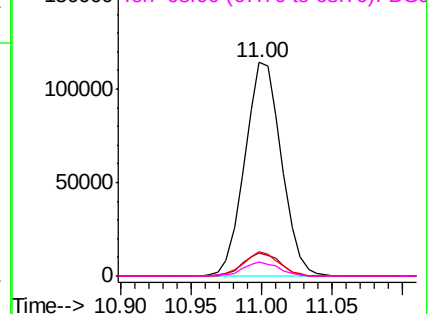
137 10.9 9.1 13.7

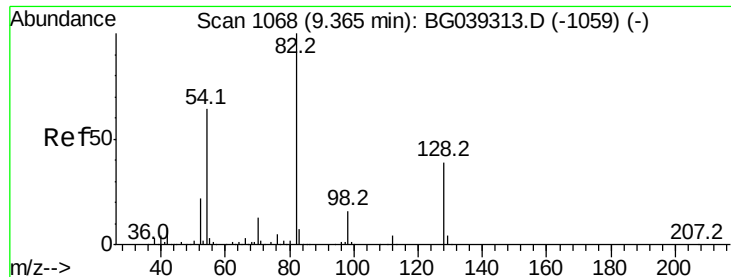
54 11.6 9.4 14.2

68 6.7 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

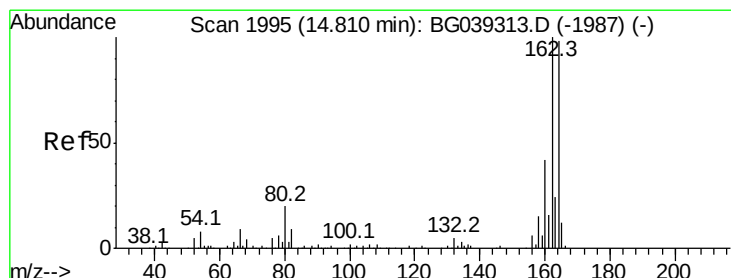
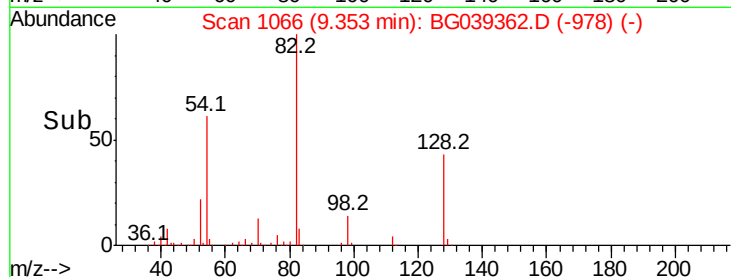
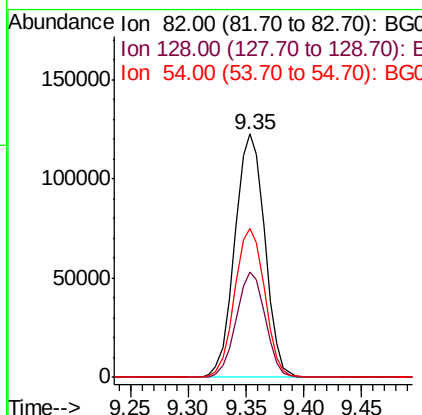
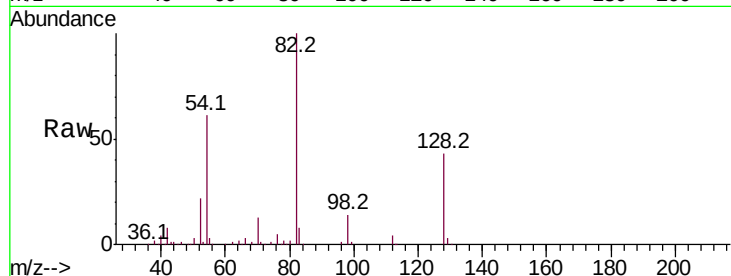




#23
Nitrobenzene-d5
Concen: 66.061 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

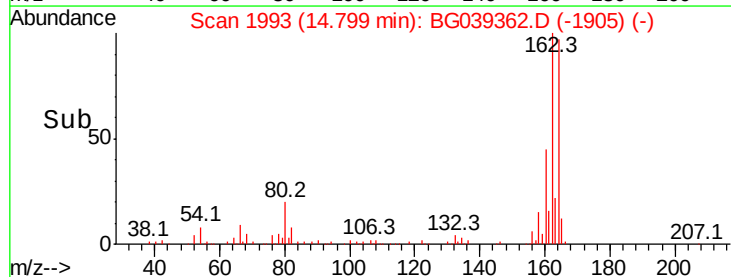
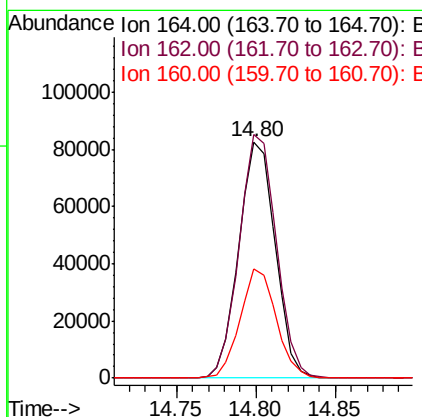
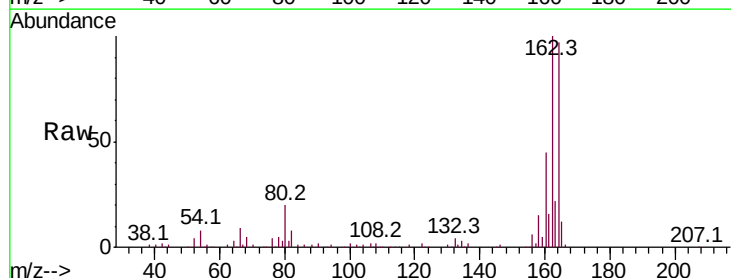
Instrument :
BNA_G
ClientSampleId :
PB116850BL

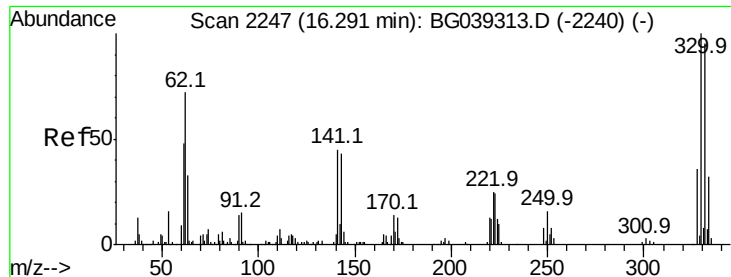
Tot Ion	82	Resp	219571
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	61.0	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039362.D
Acq: 5 Feb 2019 20:05

Tgt Ion	164	Resp	131980
Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.6	122.4
160	46.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 42.485 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

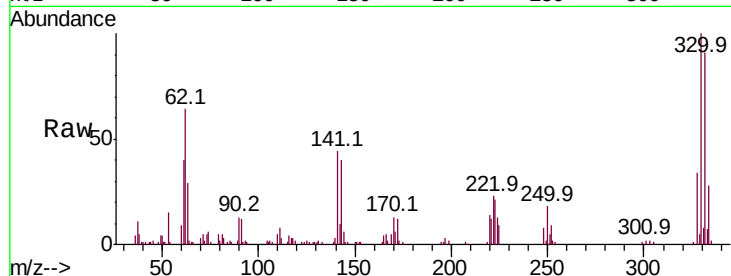
Tot Ion:330 Resp: 60379

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

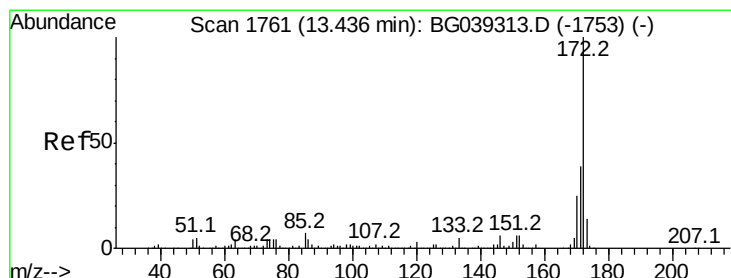
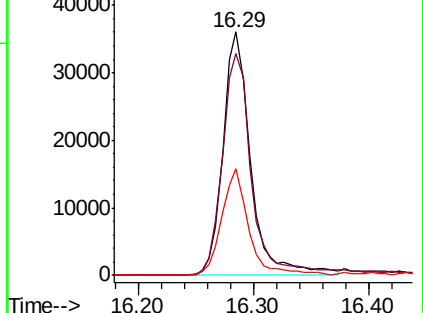
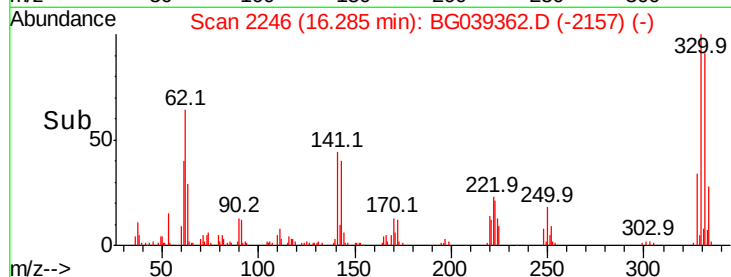
141 42.1 35.6 53.4



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: 64.533 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

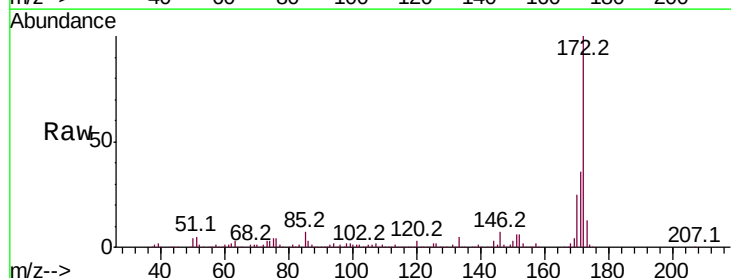
Tgt Ion:172 Resp: 593713

Ion Ratio Lower Upper

172 100

171 36.3 30.8 46.2

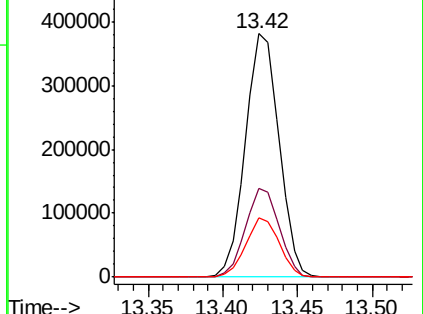
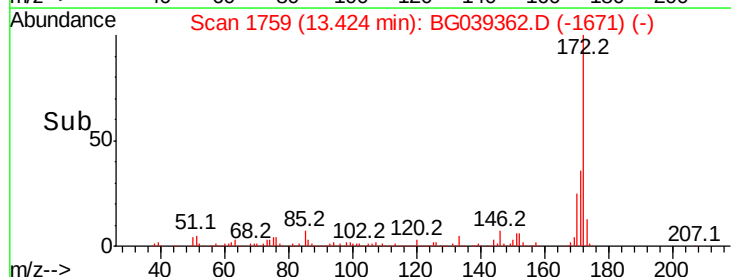
170 24.6 20.2 30.4

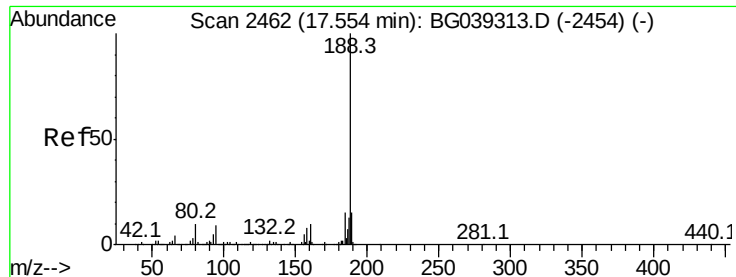


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

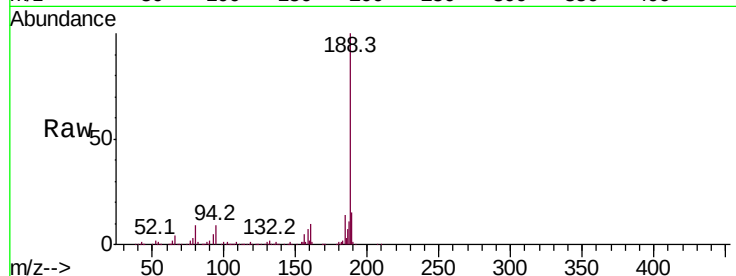
Tot Ion:188 Resp: 323471

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

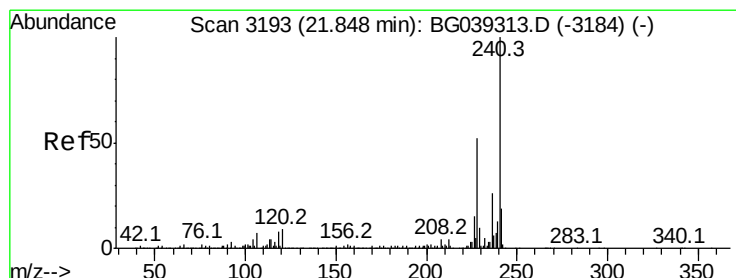
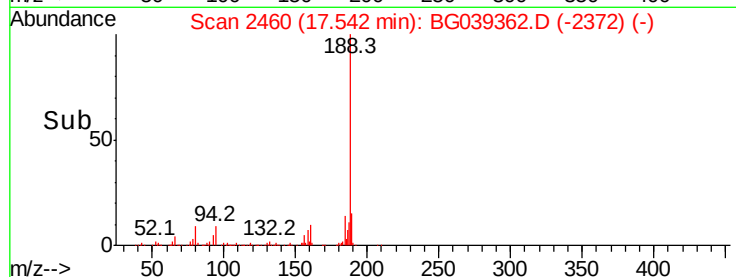
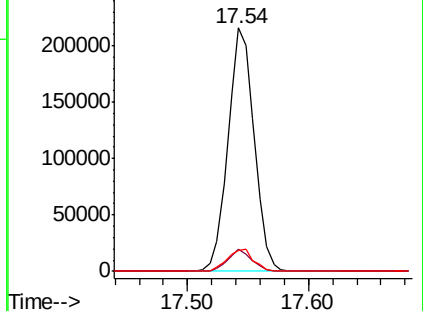
80 8.6 8.1 12.1



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: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

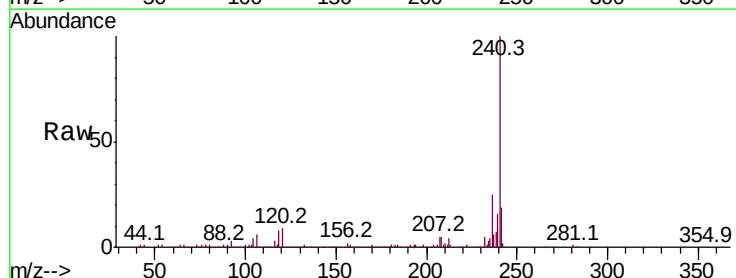
Tgt Ion:240 Resp: 365952

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

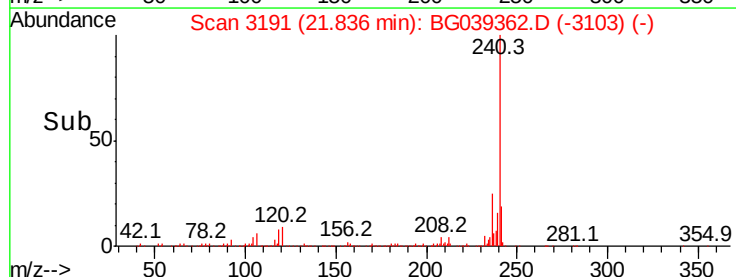
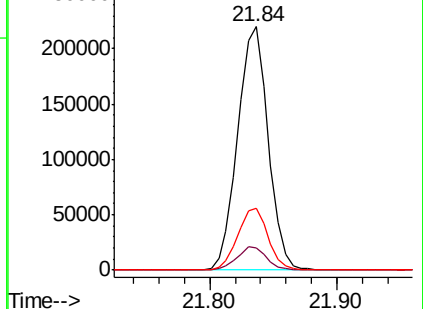
236 25.2 21.0 31.4

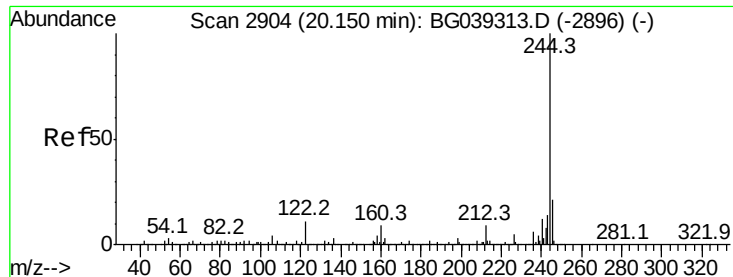


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.287 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

Instrument :

BNA_G

ClientSampleId :

PB116850BL

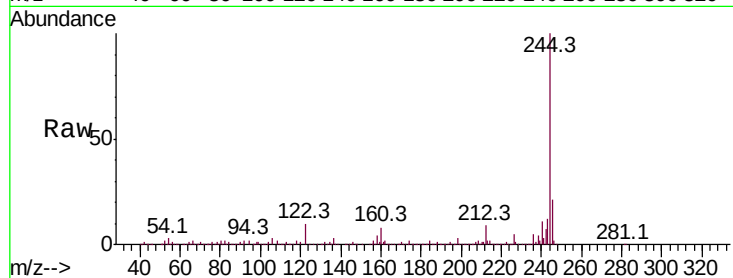
Tot Ion:244 Resp: 1007719

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

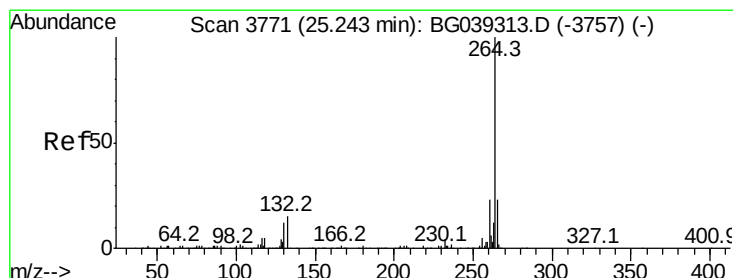
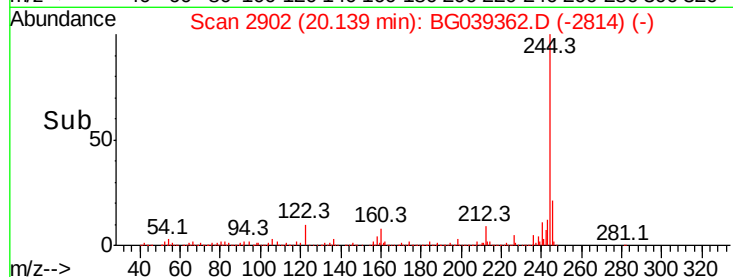
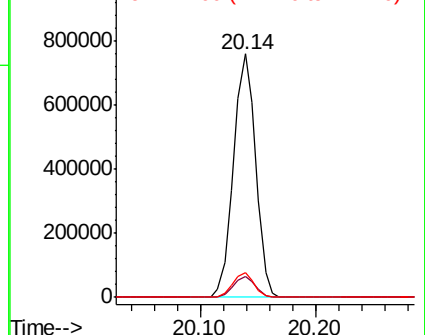
122 10.2 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039362.D

Acq: 5 Feb 2019 20:05

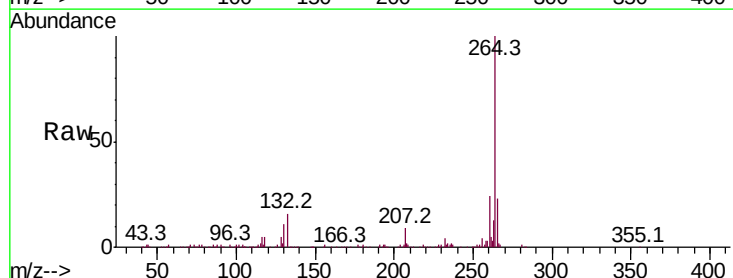
Tgt Ion:264 Resp: 358442

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.9 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

