

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039320.D
 Acq On : 29 Jan 2019 17:03
 Operator : JU/SJ
 Sample : PB116679BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BL

Quant Time: Jan 30 03:02:57 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	39341	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	164612	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	108135	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	271447	20.00	ng	0.00
76) Chrysene-d12	21.84	240	307963	20.00	ng	0.00
87) Perylene-d12	25.24	264	296058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	169043	73.54	ng	0.00
7) Phenol-d6	7.32	99	237785	70.28	ng	0.00
23) Nitrobenzene-d5	9.36	82	193028	73.26	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	77518	66.57	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	507658	67.35	ng	0.00
79) Terphenyl-d14	20.15	244	825875	56.76	ng	0.00

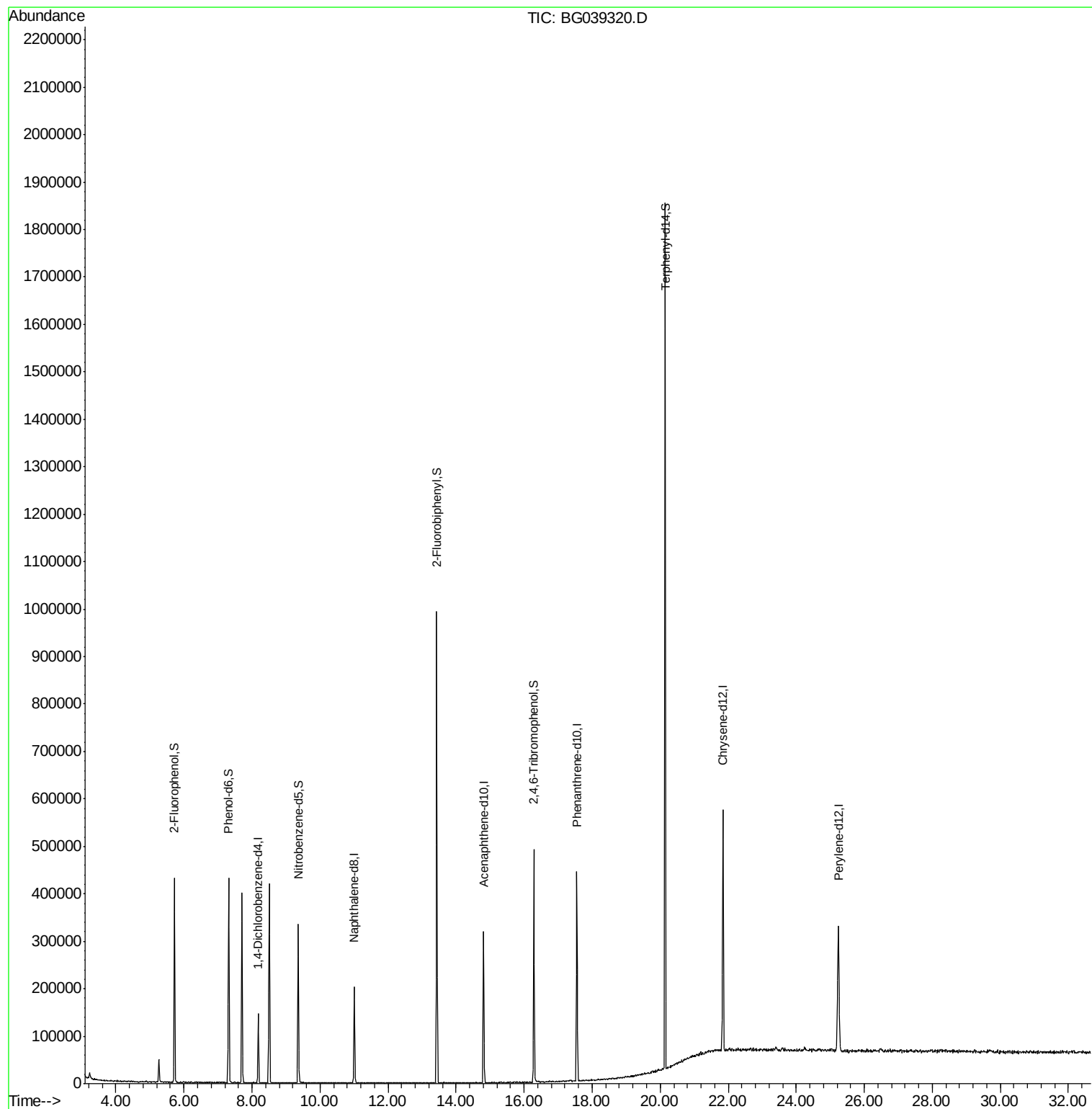
Target Compounds Qvalue

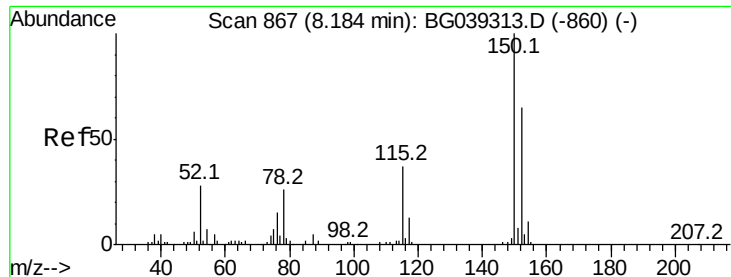
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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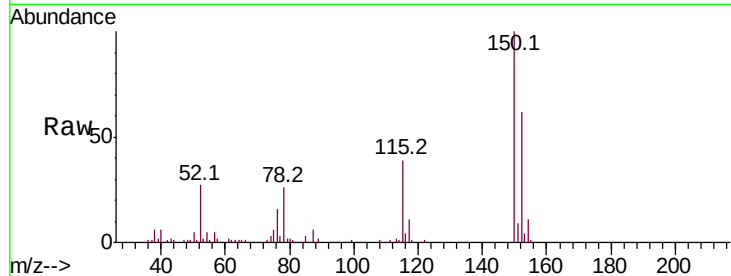


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Instrument :
BNA_G
ClientSampleId :
PB116679BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	123.7	185.5
115	63.6	45.9	68.9

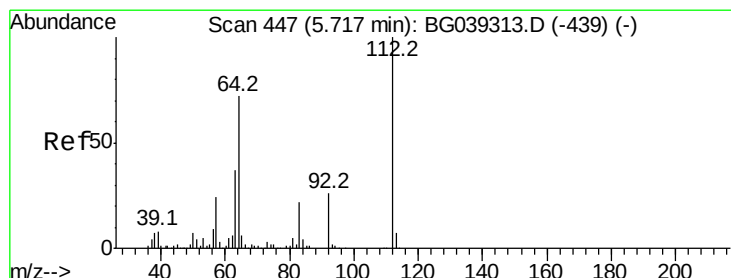
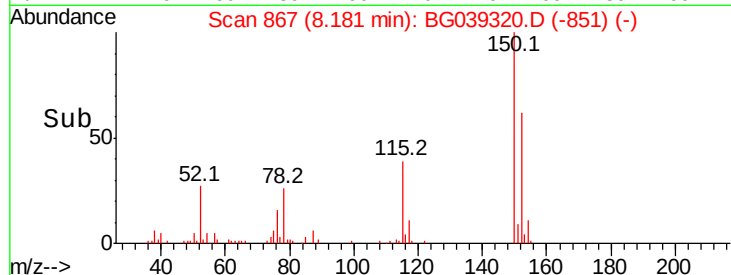
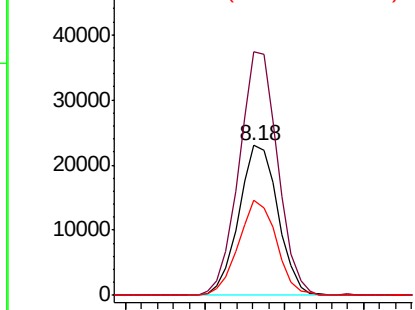


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

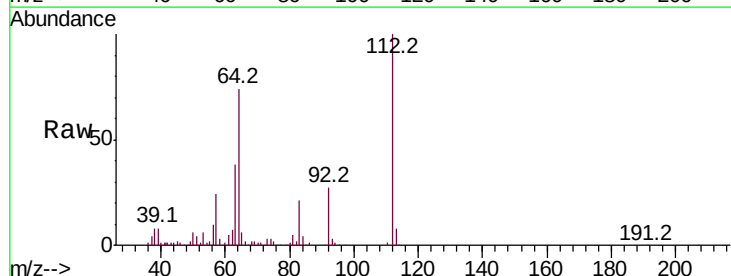
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.541 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	57.8	86.8
63	38.1	29.8	44.6

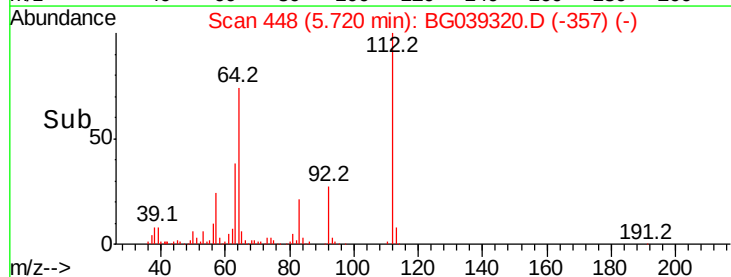
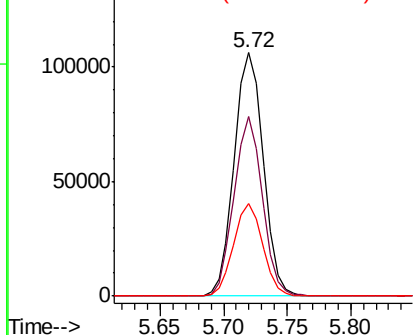


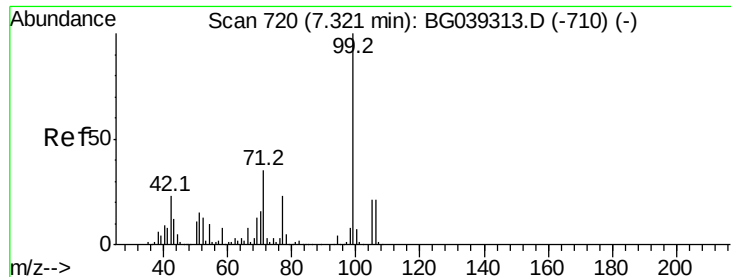
Abundance

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: 70.278 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

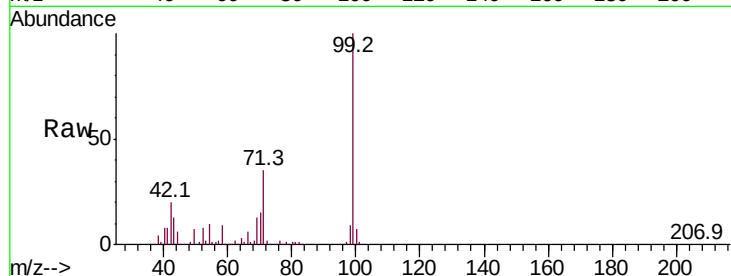
Tot Ion: 99 Resp: 237785

Ion Ratio Lower Upper

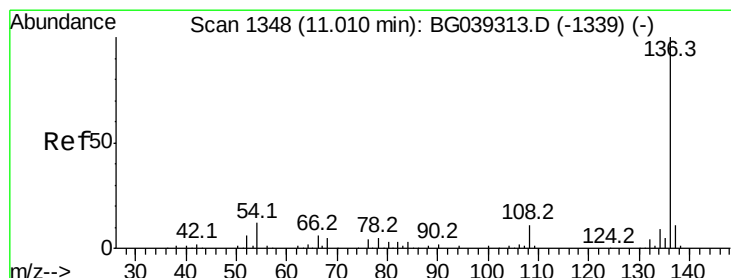
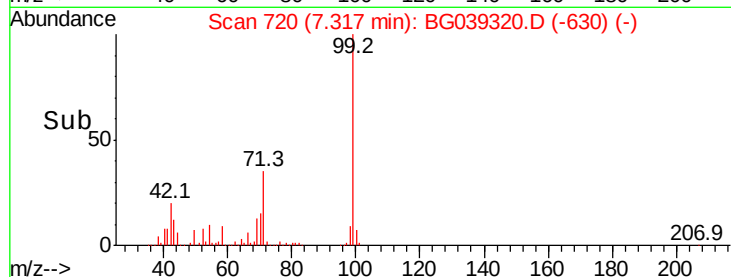
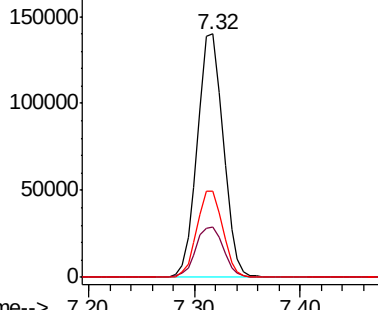
99 100

42 20.5 18.2 27.2

71 35.2 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: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Tgt Ion: 136 Resp: 164612

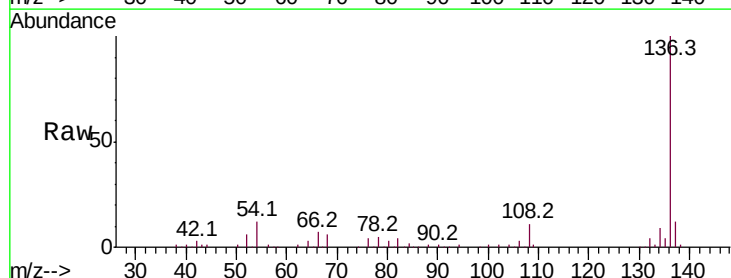
Ion Ratio Lower Upper

136 100

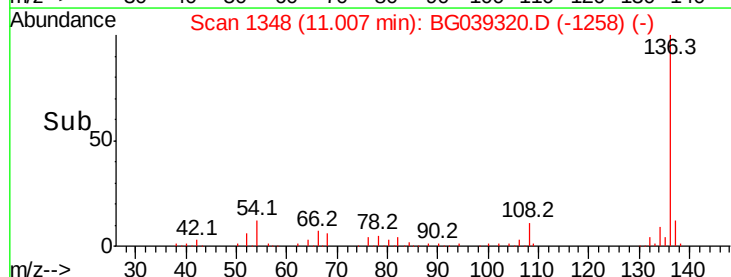
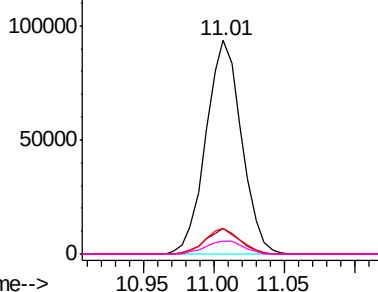
137 11.8 9.1 13.7

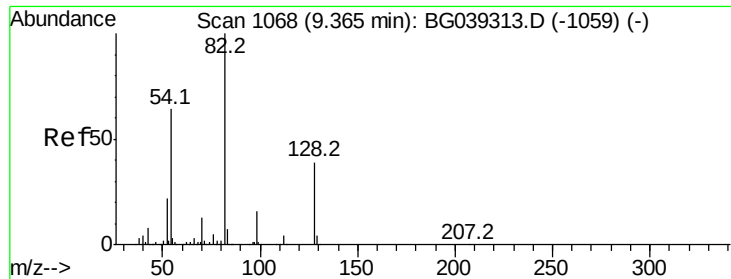
54 12.3 9.4 14.2

68 6.1 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

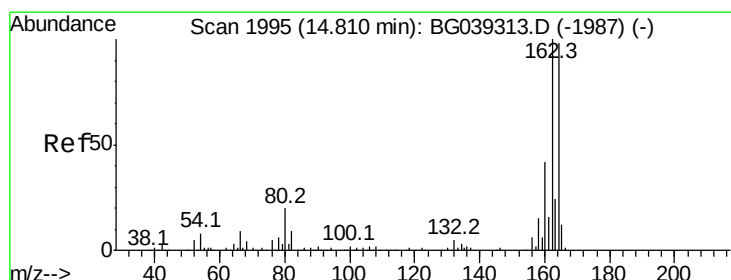
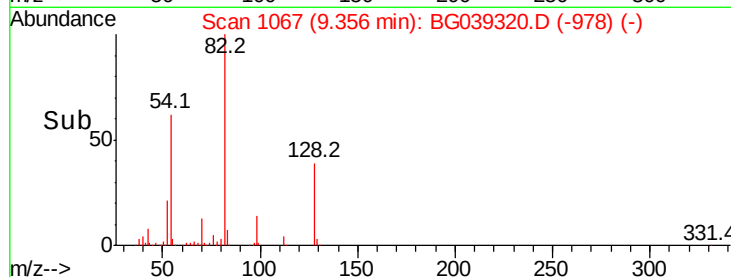
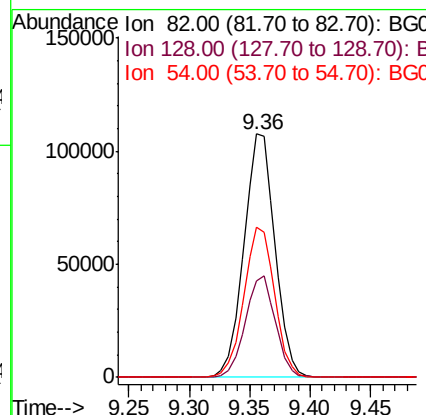
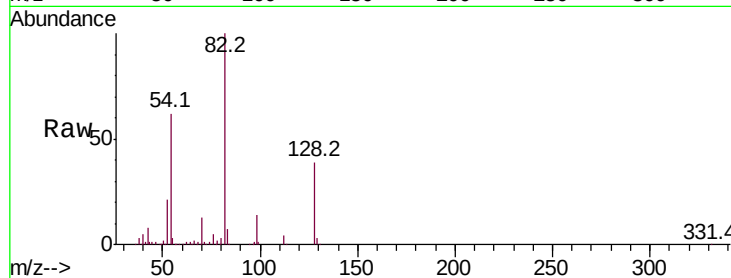




#23
 Nitrobenzene-d5
 Concen: 73.256 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

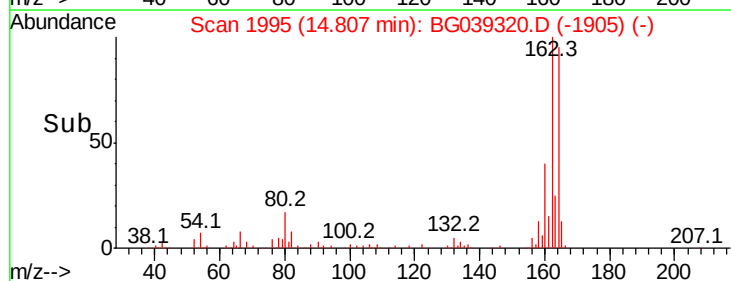
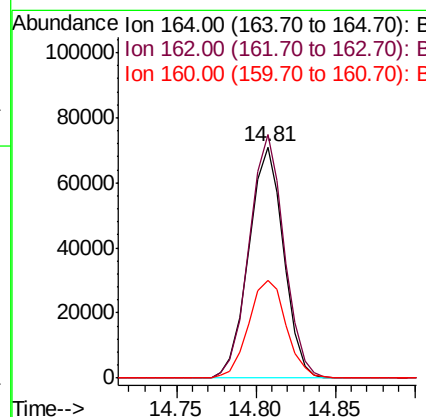
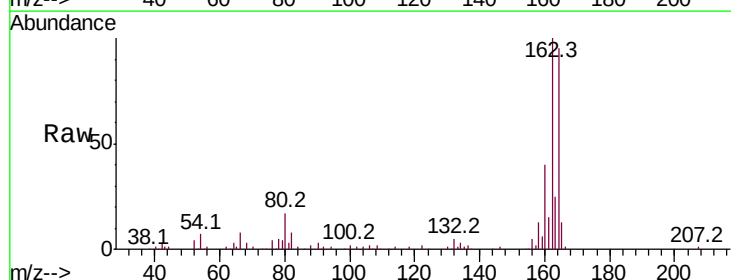
Instrument :
 BNA_G
 ClientSampleID :
 PB116679BL

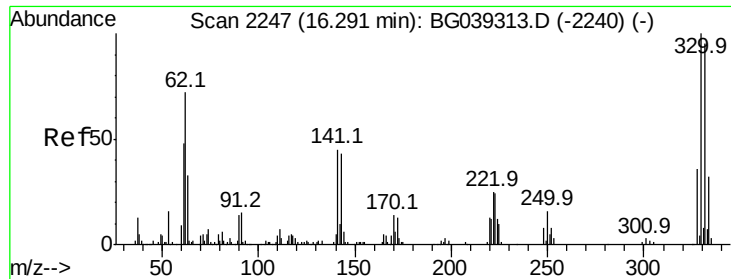
Tot Ion	82	Resp	193028
Ion Ratio	100	Lower	Upper
128	39.5	31.3	46.9
54	61.9	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Tgt Ion	164	Resp	108135
Ion Ratio	100	Lower	Upper
162	105.3	81.6	122.4
160	42.2	34.2	51.2

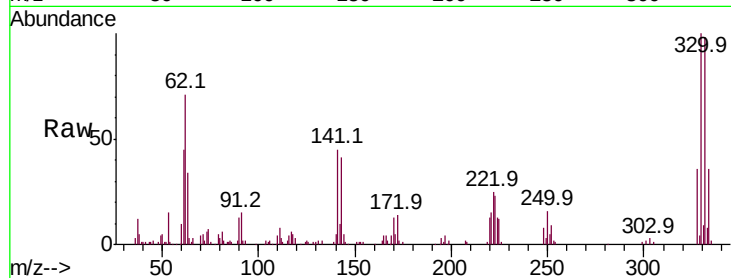




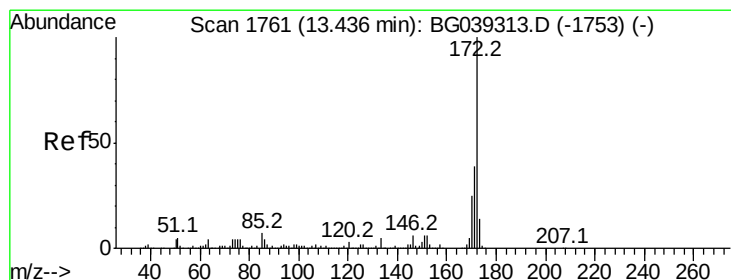
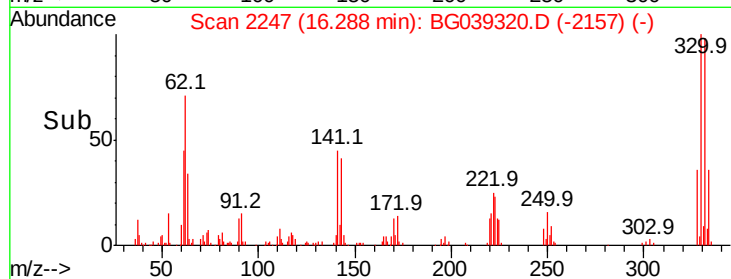
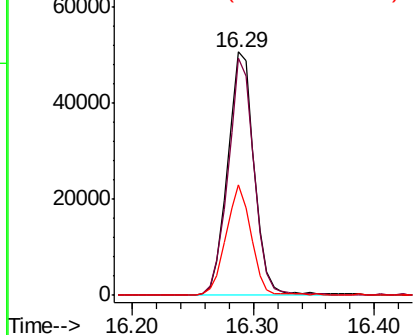
#42
 2,4,6-Tribromophenol
 Concen: 66.572 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BL

Tot Ion:330 Resp: 77518
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 43.1 35.6 53.4

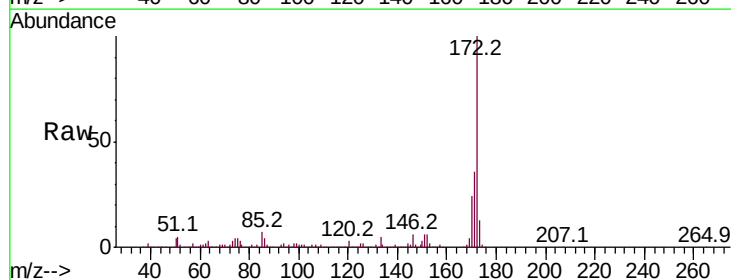


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

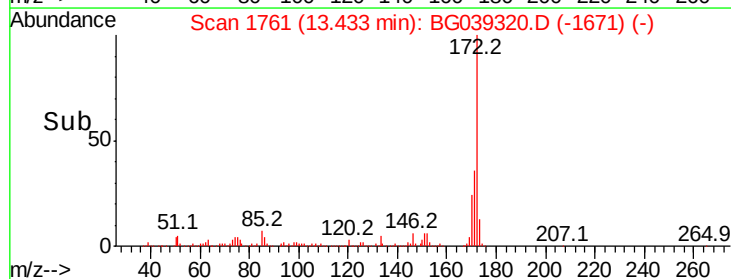
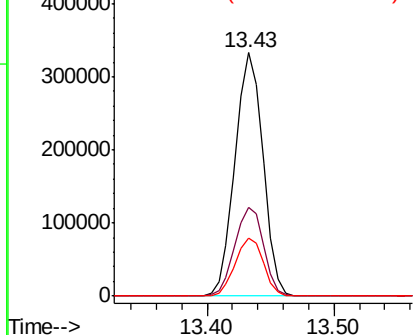


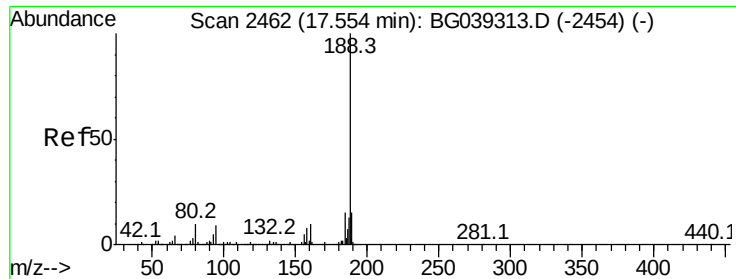
#45
 2-Fluorobiphenyl
 Concen: 67.347 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Tgt Ion:172 Resp: 507658
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.1 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: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

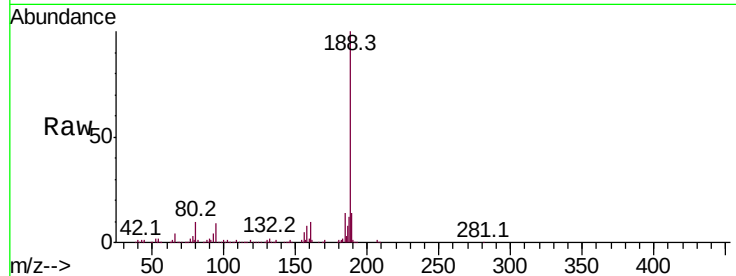
Tot Ion:188 Resp: 271447

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

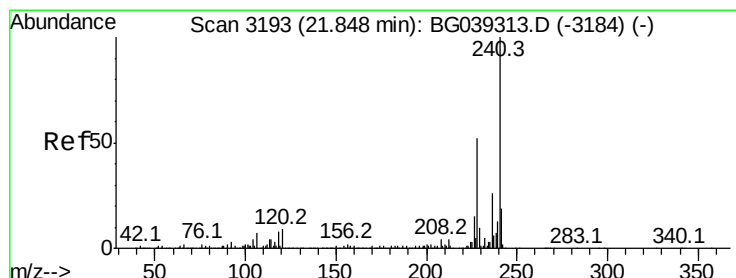
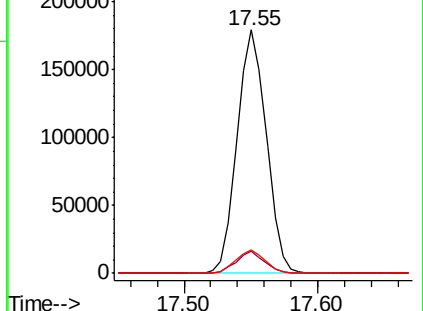
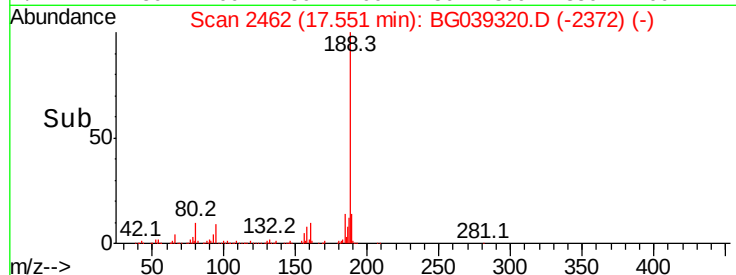
80 9.7 8.1 12.1



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: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

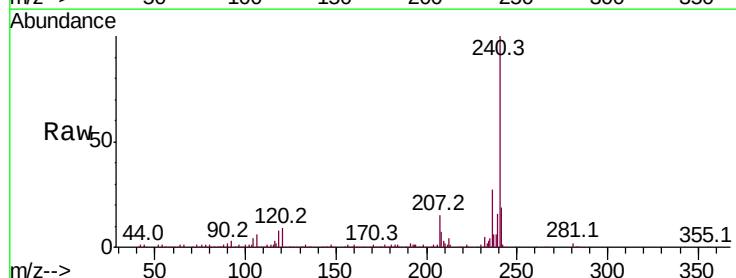
Tgt Ion:240 Resp: 307963

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

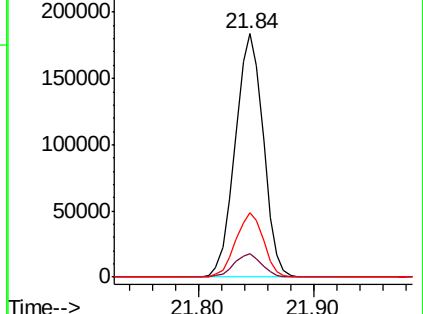
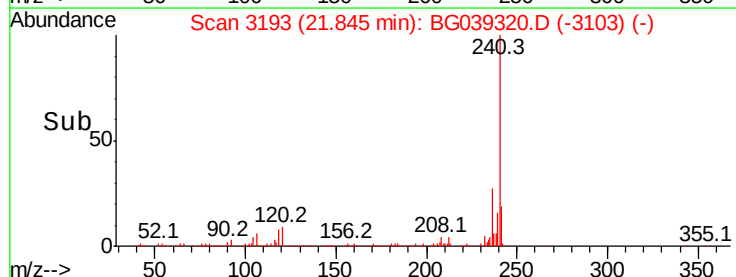
236 26.7 21.0 31.4

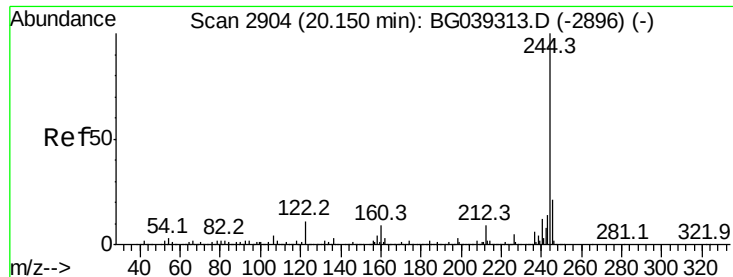


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.764 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

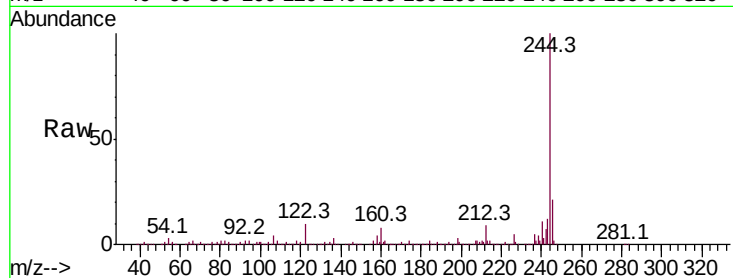
Tot Ion:244 Resp: 825875

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

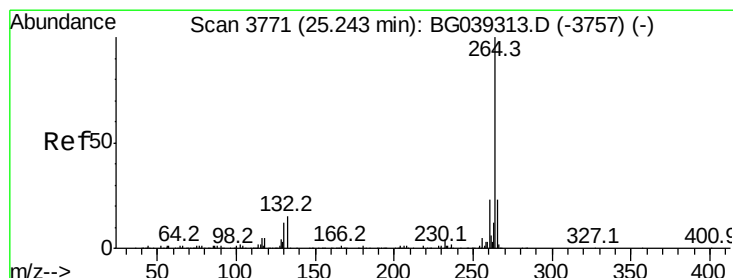
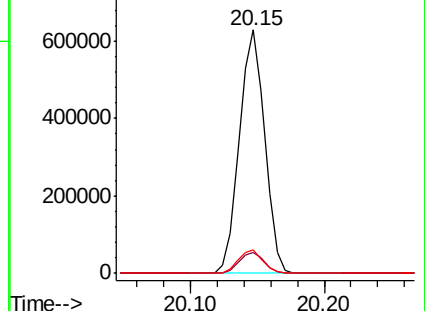
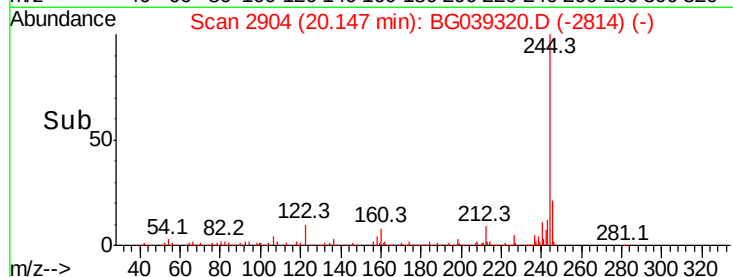
122 9.9 8.4 12.6



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: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

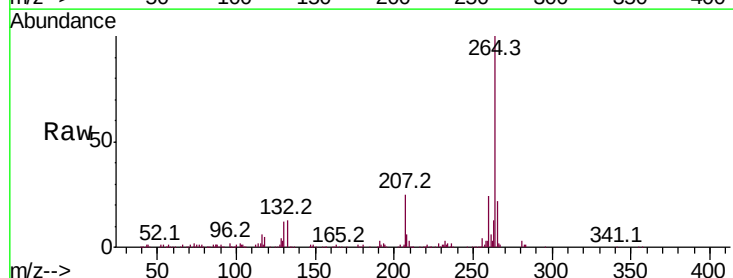
Tgt Ion:264 Resp: 296058

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.0 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

