

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039492.D
 Acq On : 13 Feb 2019 17:19
 Operator : JU/SJ
 Sample : PB117091BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BL

Quant Time: Feb 14 03:00:32 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	44136	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	197810	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148707	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	391842	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	425272	20.00	ng	-0.02
87) Perylene-d12	25.22	264	414918	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	284993	110.51	ng	0.00
7) Phenol-d6	7.31	99	423074	111.46	ng	-0.01
23) Nitrobenzene-d5	9.35	82	237879	75.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	156993	98.04	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	650083	62.71	ng	-0.02
79) Terphenyl-d14	20.13	244	1186909	59.08	ng	-0.02

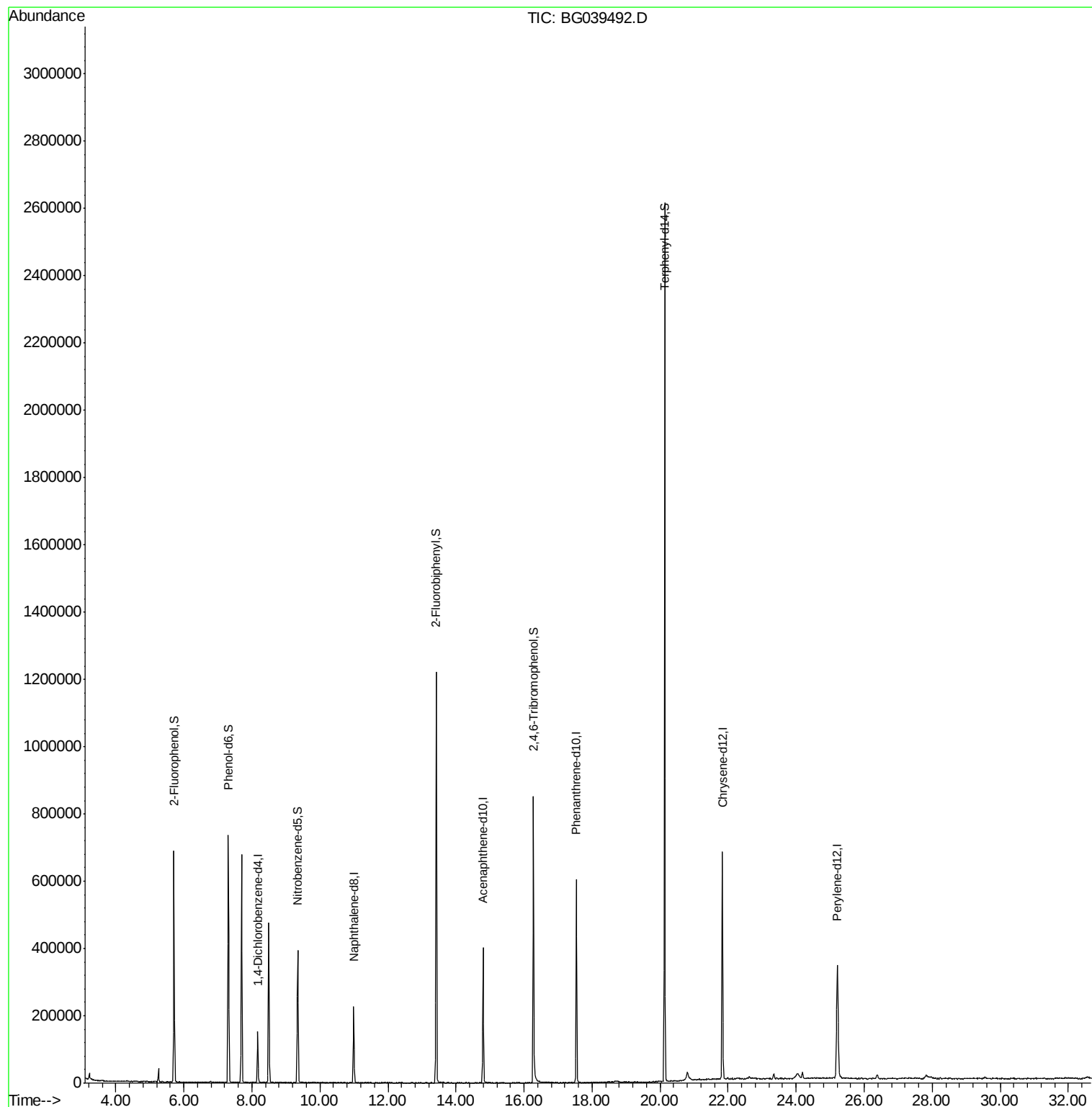
Target Compounds Qvalue

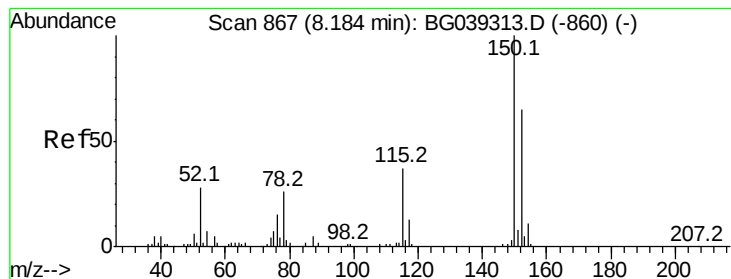
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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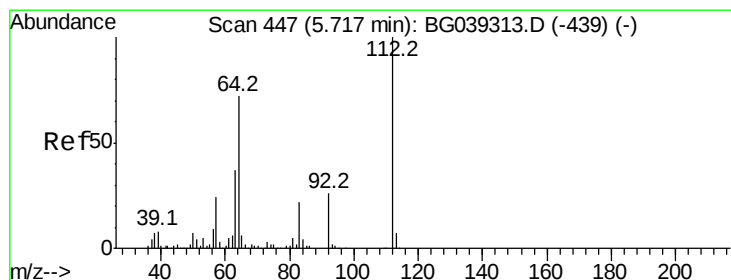
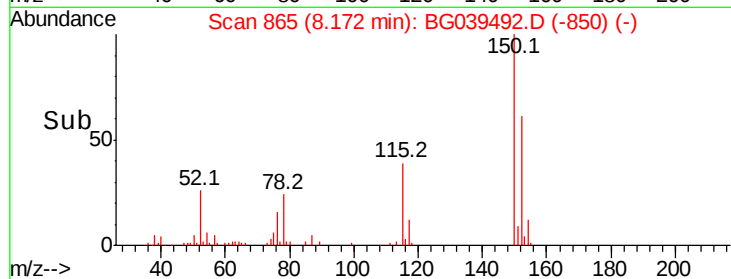
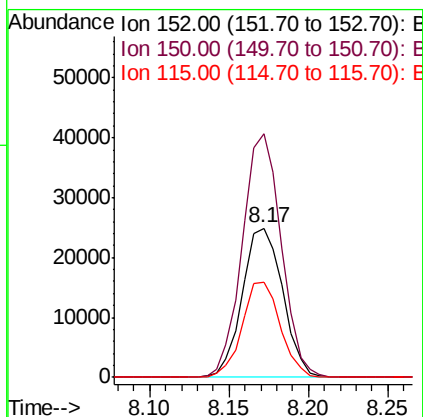
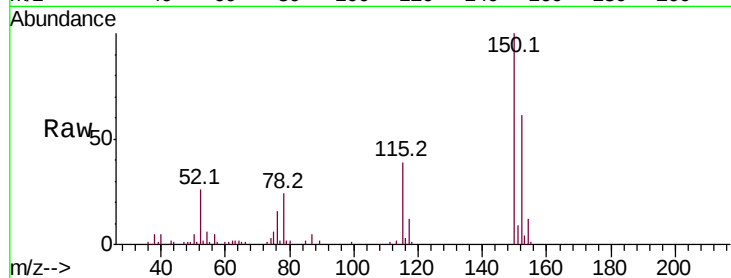


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039492.D
 Acq: 13 Feb 2019 17:19

Instrument :
 BNA_G
 ClientSampleID :
 PB117091BL

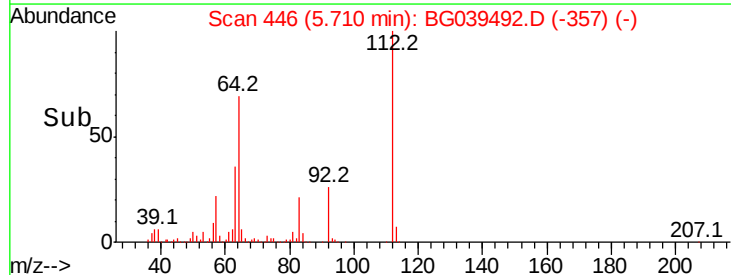
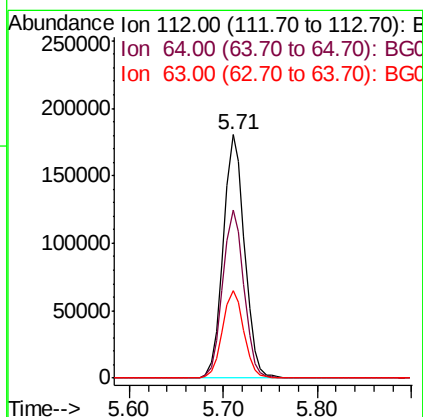
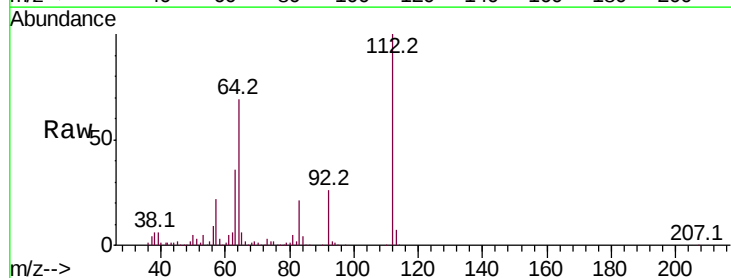
Tot Ion:152 Resp: 44136
 Ion Ratio Lower Upper
 152 100
 150 163.3 123.7 185.5
 115 63.7 45.9 68.9



#5

2-Fluorophenol
 Concen: 110.515 ng
 RT: 5.71 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BG039492.D
 Acq: 13 Feb 2019 17:19

Tgt Ion:112 Resp: 284993
 Ion Ratio Lower Upper
 112 100
 64 69.2 57.8 86.8
 63 36.1 29.8 44.6





#7

Phenol-d6

Concen: 111.456 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039492.D

Acq: 13 Feb 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB117091BL

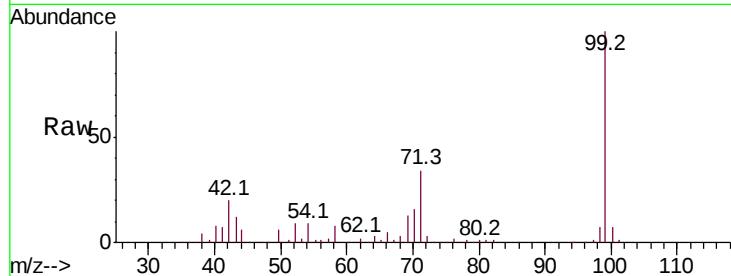
Tot Ion: 99 Resp: 423074

Ion Ratio Lower Upper

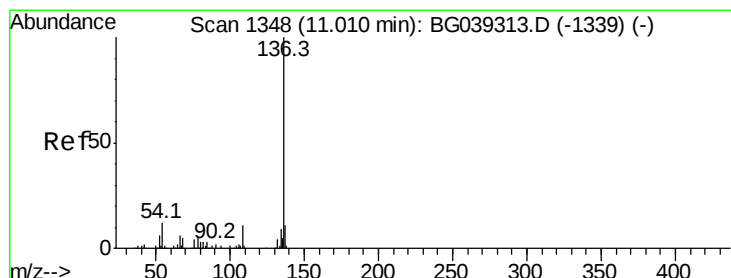
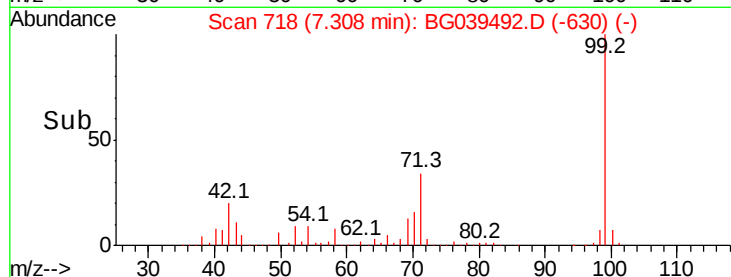
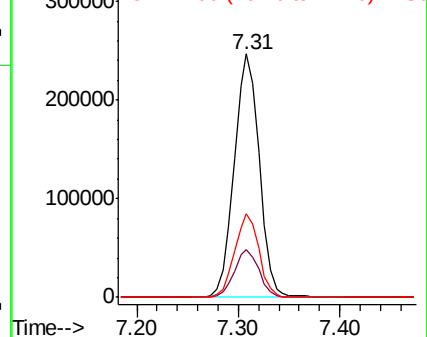
99 100

42 19.8 18.2 27.2

71 34.4 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: BG039492.D

Acq: 13 Feb 2019 17:19

Tgt Ion: 136 Resp: 197810

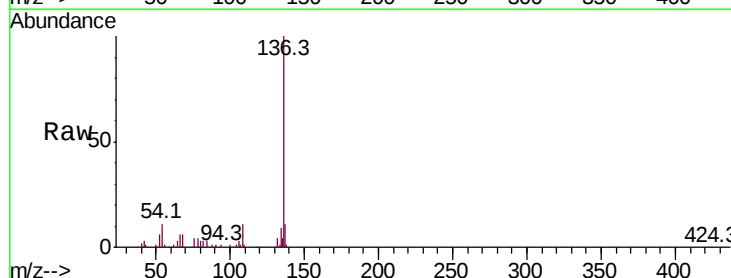
Ion Ratio Lower Upper

136 100

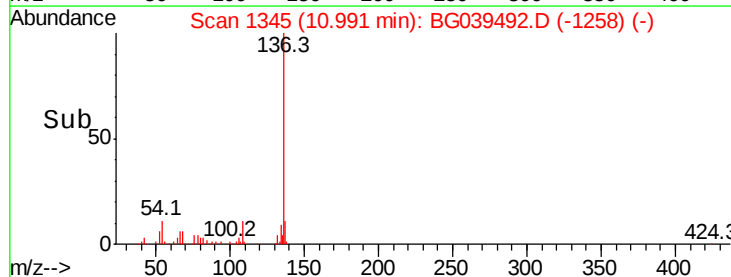
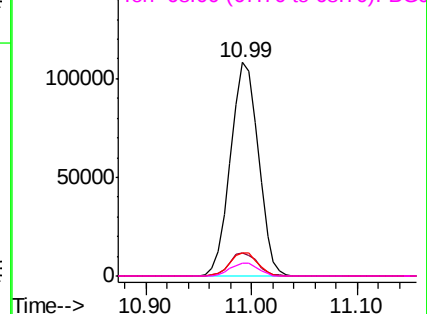
137 10.9 9.1 13.7

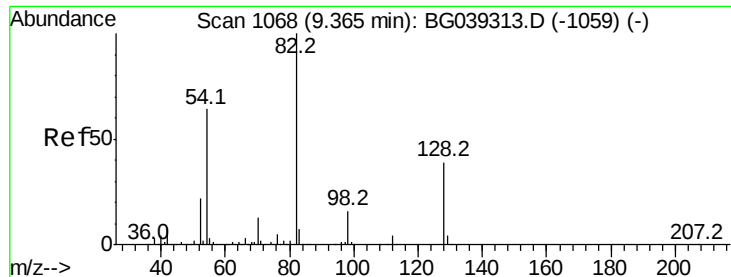
54 10.8 9.4 14.2

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

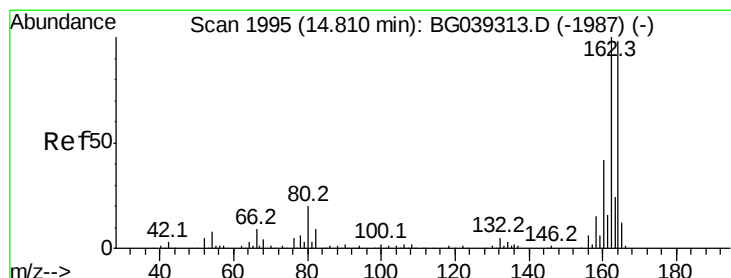
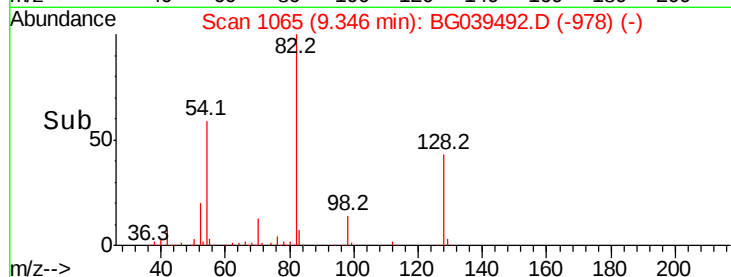
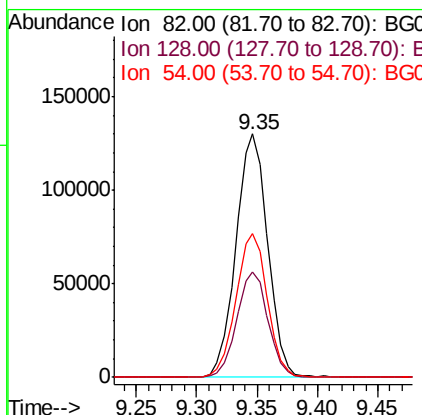
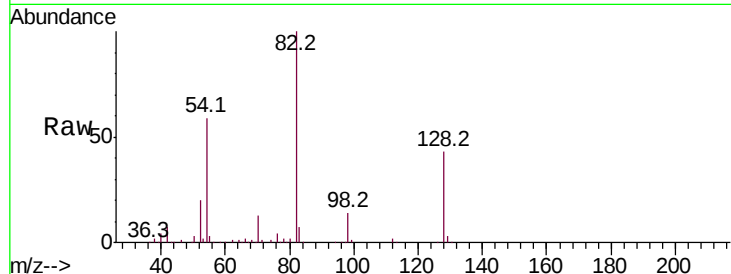




#23
 Nitrobenzene-d5
 Concen: 75.126 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039492.D
 Acq: 13 Feb 2019 17:19

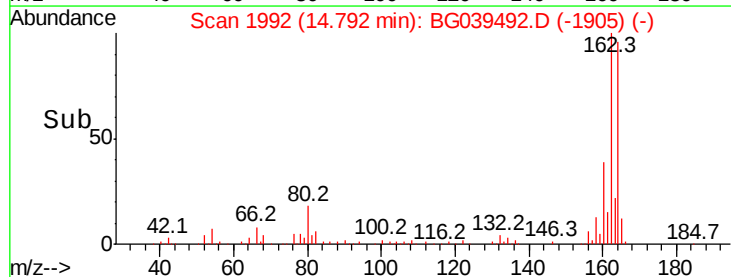
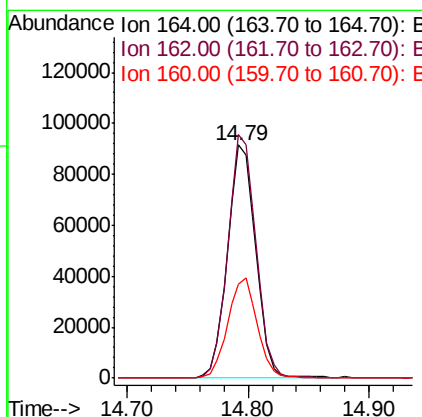
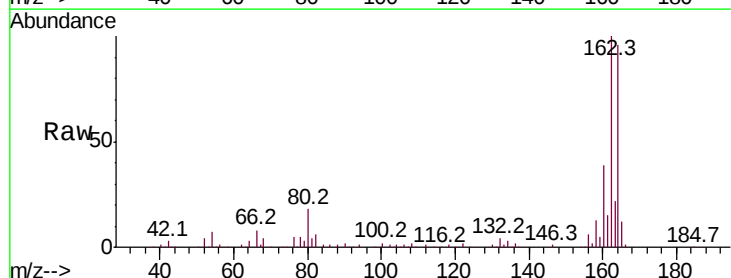
Instrument :
 BNA_G
 ClientSampleId :
 PB117091BL

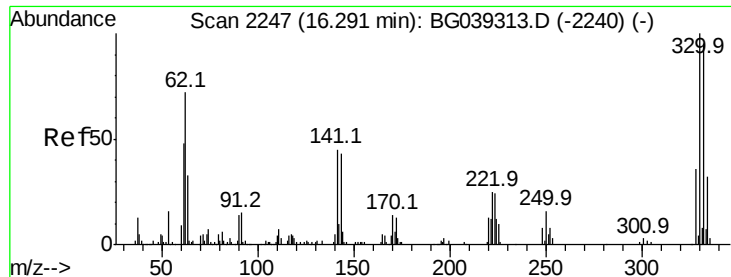
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	58.9	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039492.D
 Acq: 13 Feb 2019 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	40.5	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 98.040 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039492.D

Acq: 13 Feb 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB117091BL

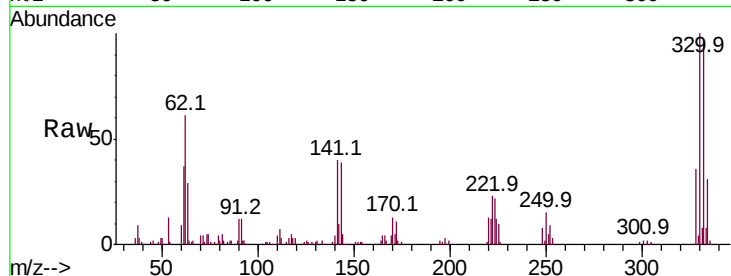
Tot Ion:330 Resp: 156993

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

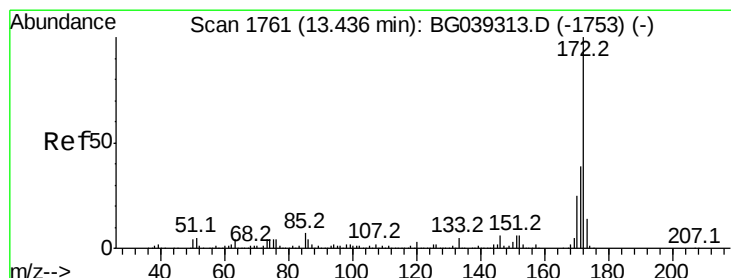
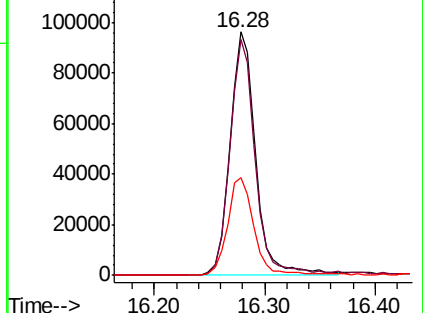
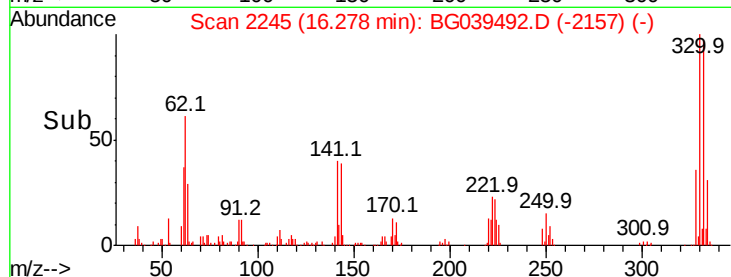
141 40.7 35.6 53.4



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: 62.712 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039492.D

Acq: 13 Feb 2019 17:19

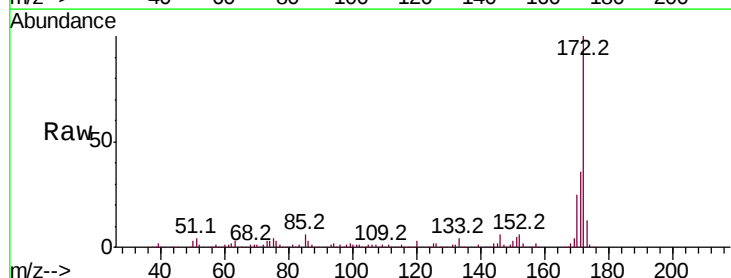
Tgt Ion:172 Resp: 650083

Ion Ratio Lower Upper

172 100

171 36.3 30.8 46.2

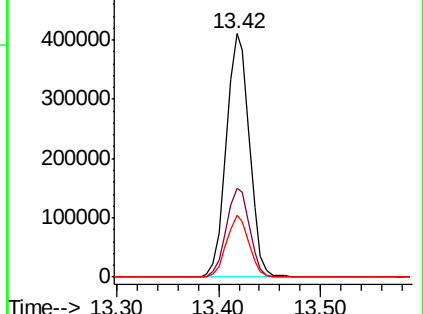
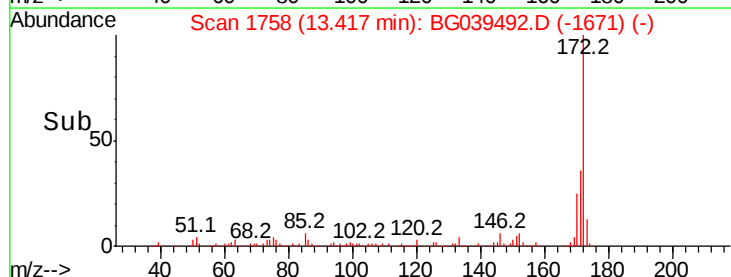
170 25.3 20.2 30.4

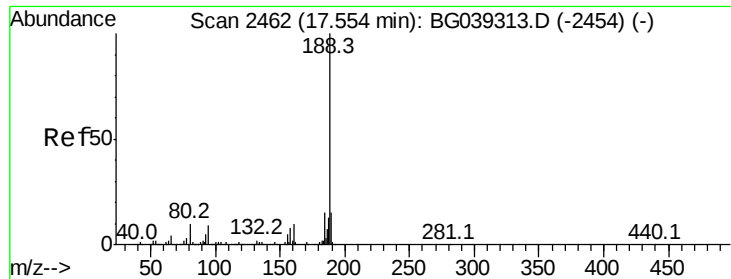


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2459

Delta R.T. -0.02 min

Lab File: BG039492.D

Acq: 13 Feb 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB117091BL

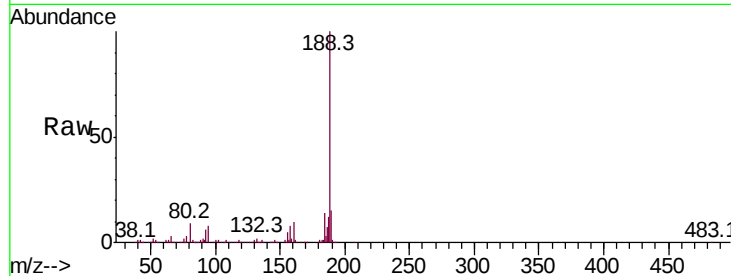
Tot Ion:188 Resp: 391842

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

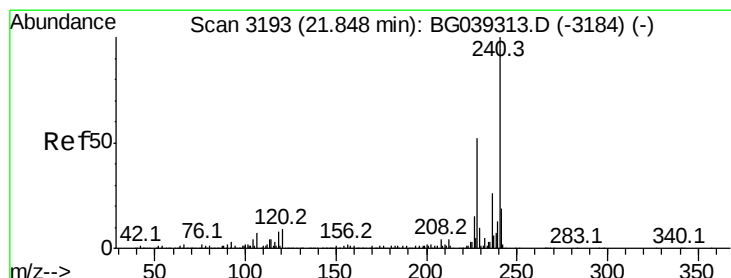
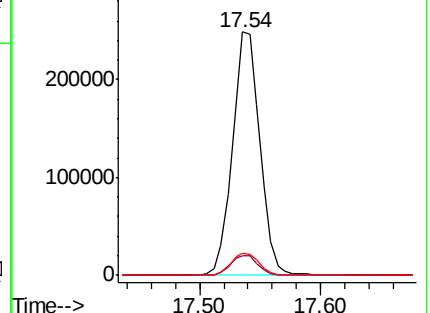
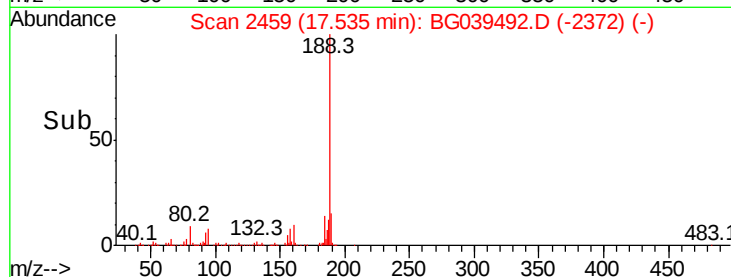
80 9.1 8.1 12.1



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: BG039492.D

Acq: 13 Feb 2019 17:19

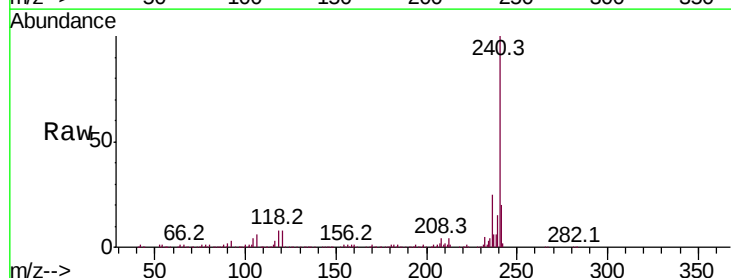
Tgt Ion:240 Resp: 425272

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

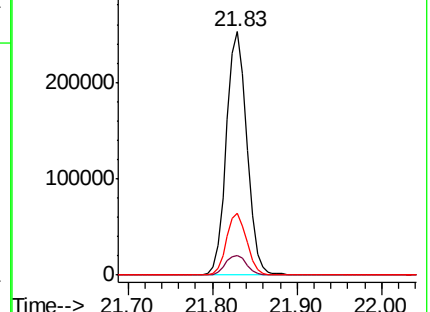
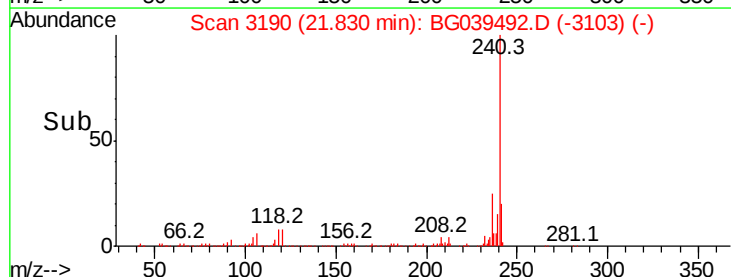
236 25.3 21.0 31.4

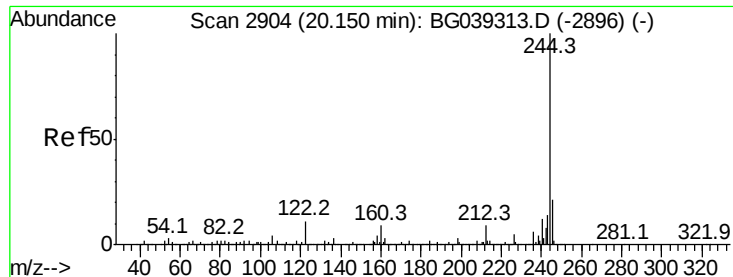


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



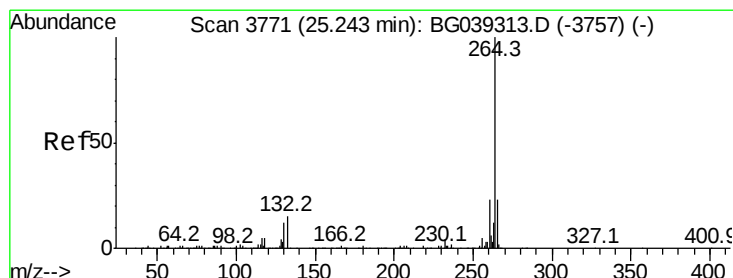
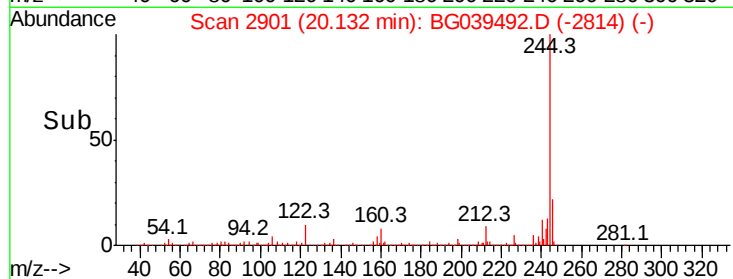
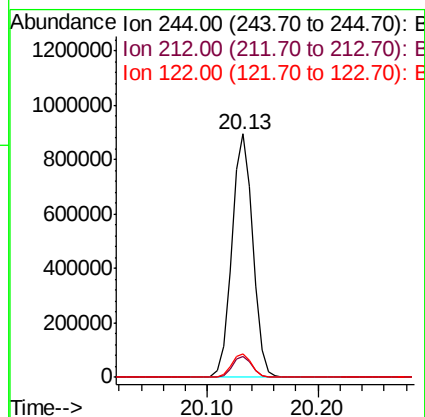
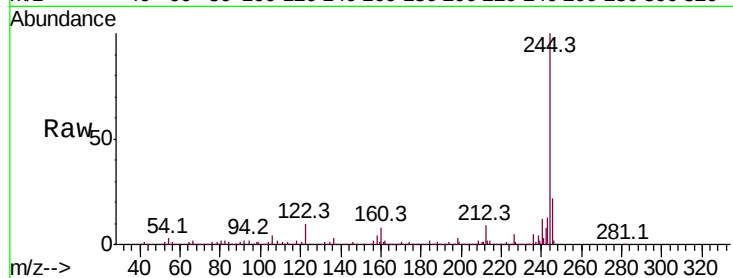


#79
 Terphenyl-d14
 Concen: 59.076 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039492.D
 Acq: 13 Feb 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BL

Tot Ion:244 Resp: 1186909

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.8	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3767
 Delta R.T. -0.02 min
 Lab File: BG039492.D
 Acq: 13 Feb 2019 17:19

Tgt Ion:264 Resp: 414918

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.0	18.5	27.7

