

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040023.D
 Acq On : 20 Mar 2019 4:36
 Operator : JU/SJ
 Sample : PB118056TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118056TB

Quant Time: Mar 20 05:55:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	29680	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	127296	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	85531	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	236813	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	269291	20.00	ng	-0.03
87) Perylene-d12	25.16	264	258499	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	227569	130.81	ng	-0.02
7) Phenol-d6	7.29	99	322989	124.51	ng	-0.02
23) Nitrobenzene-d5	9.32	82	194600	82.68	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	129406	129.80	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	484763	80.70	ng	-0.02
79) Terphenyl-d14	20.11	244	984690	80.51	ng	-0.02

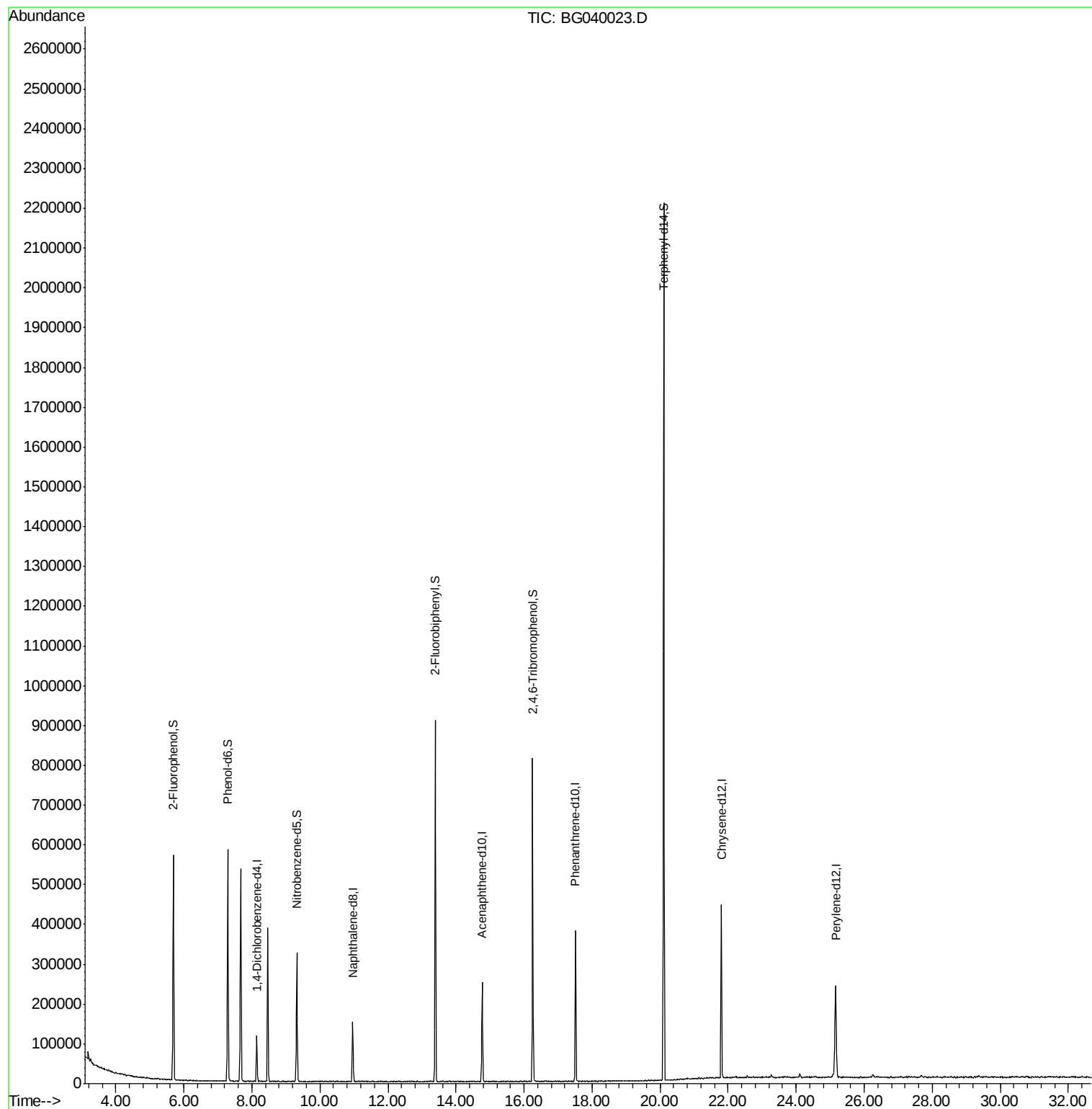
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

Instrument :

BNA_G

ClientSampleId :

PB118056TB

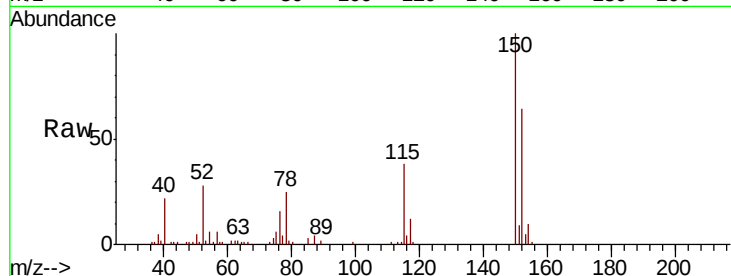
Tot Ion:152 Resp: 29680

Ion Ratio Lower Upper

152 100

150 155.7 123.7 185.5

115 59.7 45.9 68.9

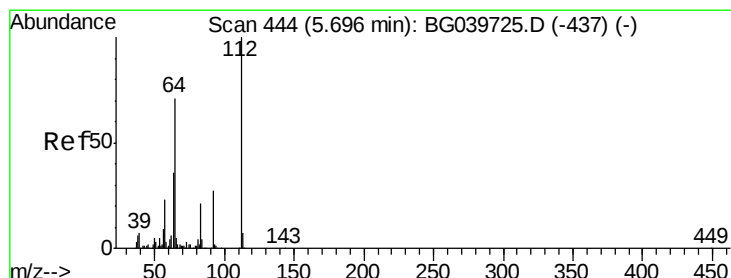
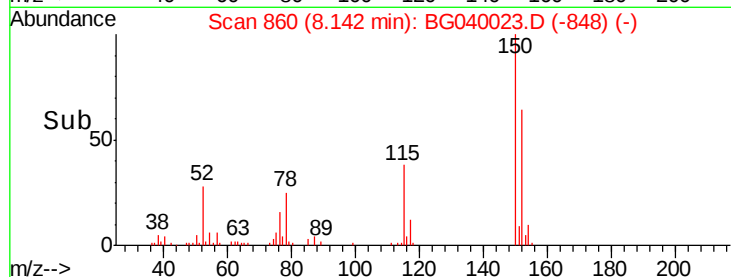
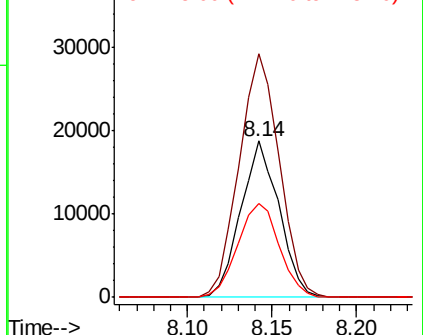


Abundance

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: 130.807 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

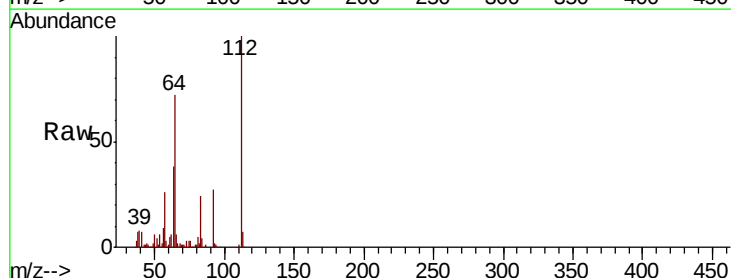
Tgt Ion:112 Resp: 227569

Ion Ratio Lower Upper

112 100

64 71.9 57.8 86.8

63 38.0 29.8 44.6

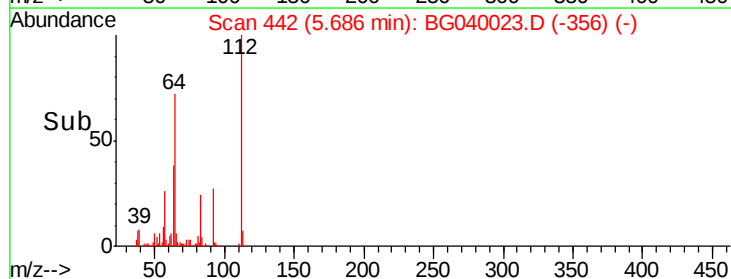
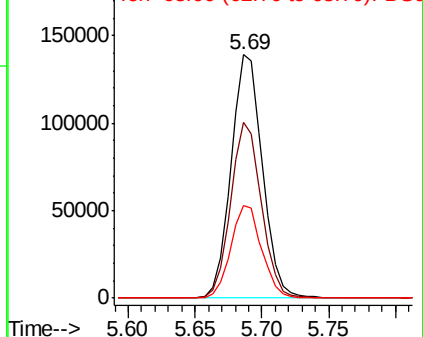


Abundance

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: 124.512 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

Instrument :

BNA_G

ClientSampleId :

PB118056TB

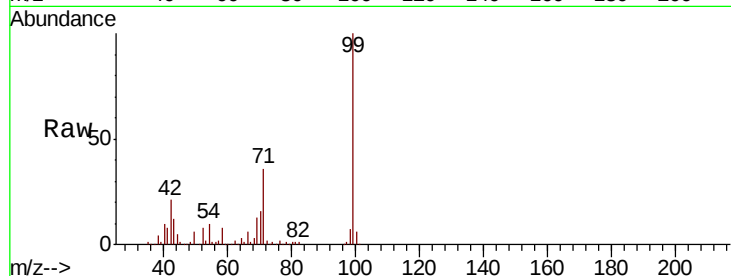
Tot Ion: 99 Resp: 322989

Ion Ratio Lower Upper

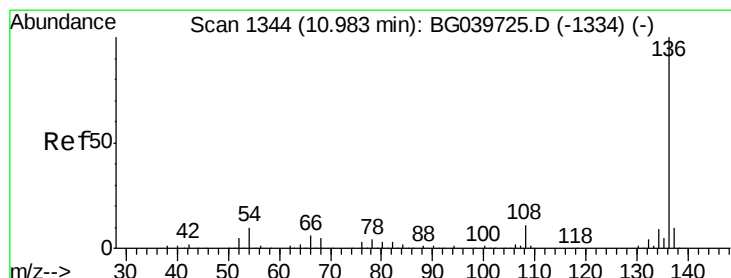
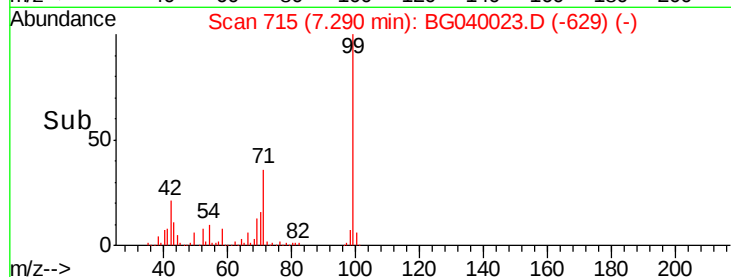
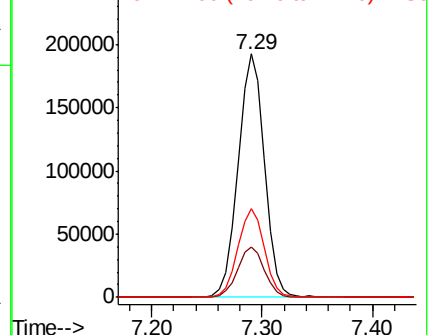
99 100

42 20.6 18.2 27.2

71 36.5 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

Tgt Ion: 136 Resp: 127296

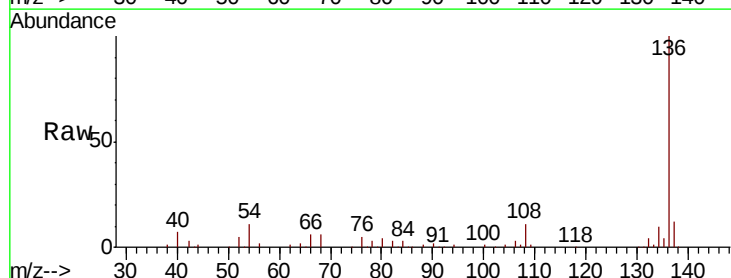
Ion Ratio Lower Upper

136 100

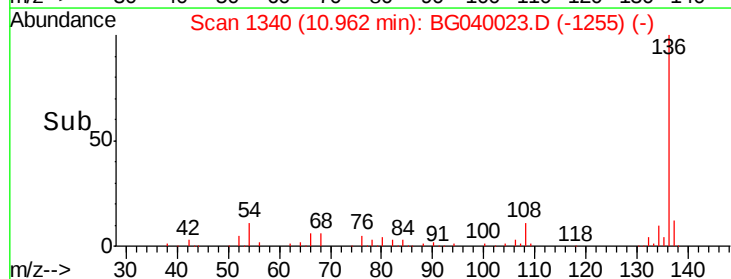
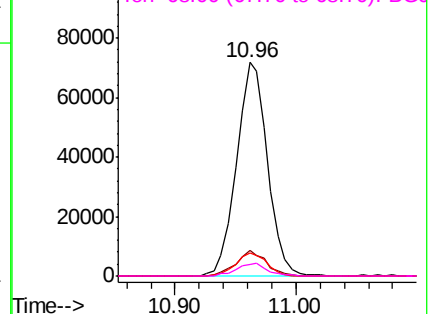
137 12.3 9.1 13.7

54 10.8 9.4 14.2

68 5.6 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

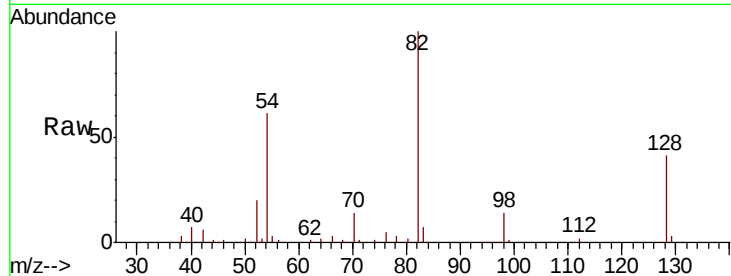




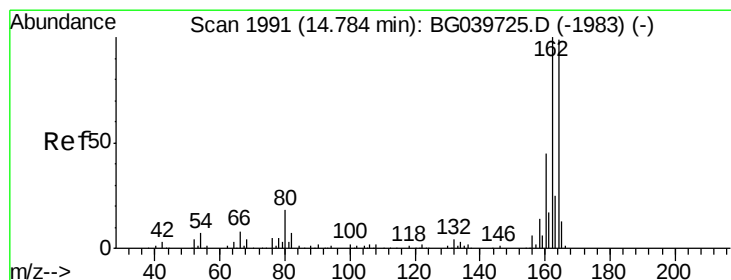
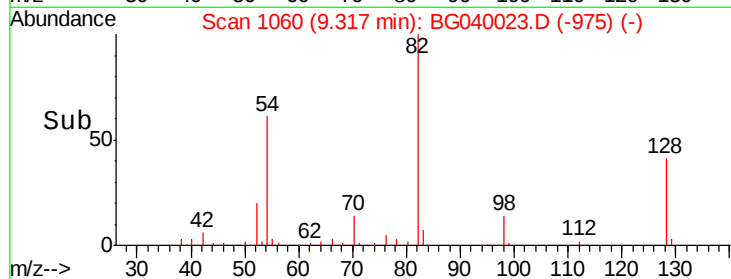
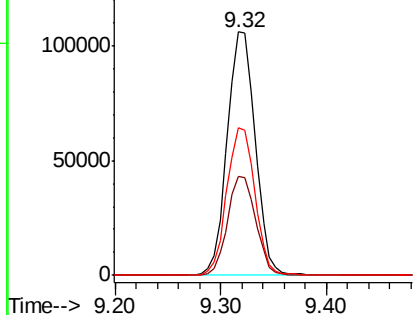
#23
Nitrobenzene-d5
Concen: 82.679 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040023.D
Acq: 20 Mar 2019 4:36

Instrument :
BNA_G
ClientSampleId :
PB118056TB

Tot Ion	82	Resp	194600
Ion Ratio	Lower	Upper	
82	100		
128	40.6	31.3	46.9
54	60.6	50.9	76.3

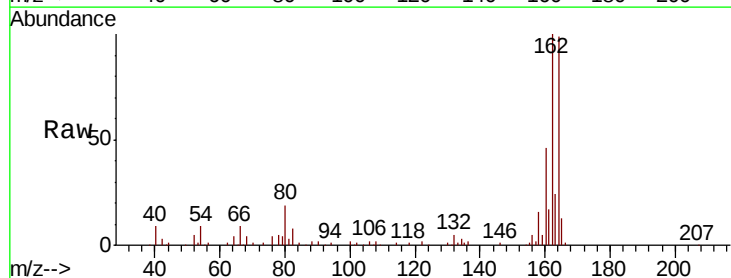


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

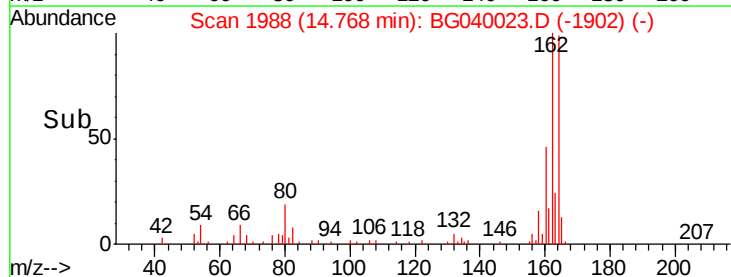
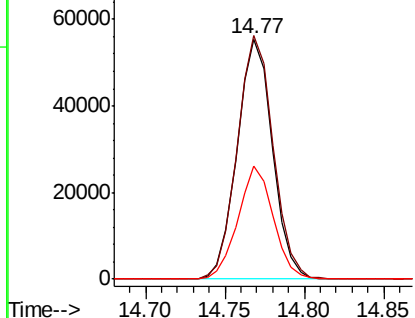


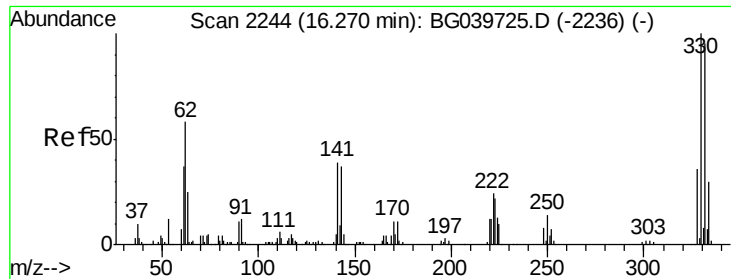
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040023.D
Acq: 20 Mar 2019 4:36

Tgt Ion	164	Resp	85531
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.6	122.4
160	47.1	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

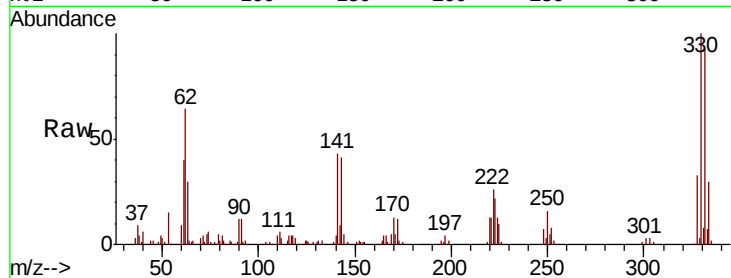




#42
 2,4,6-Tribromophenol
 Concen: 129.805 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040023.D
 Acq: 20 Mar 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :
 PB118056TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	75.7	113.5
141	43.5	35.6	53.4

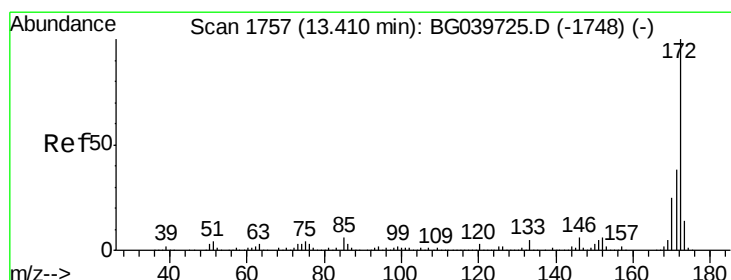
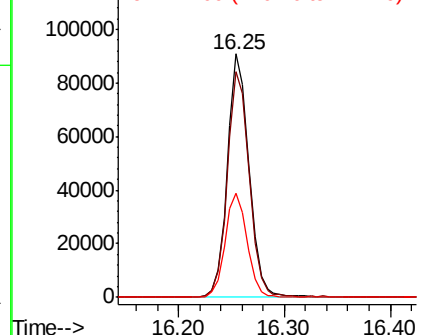
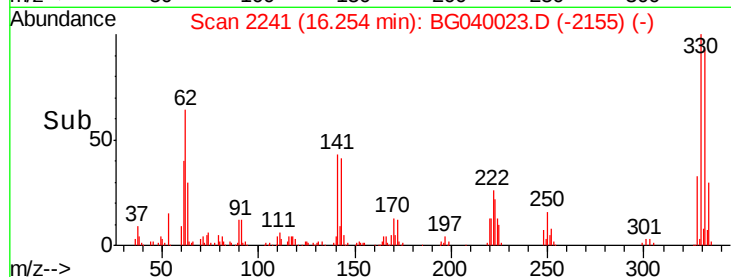


Abundance

Ion 329.80 (329.50 to 330.50): E

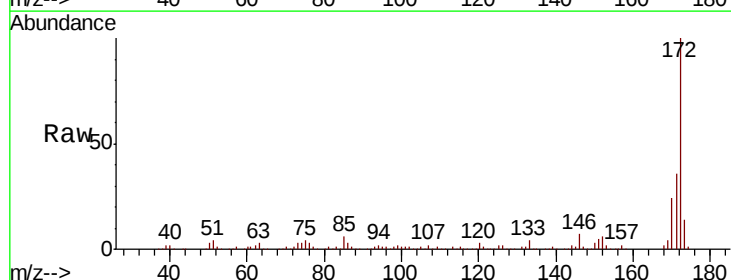
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.698 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040023.D
 Acq: 20 Mar 2019 4:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	24.4	20.2	30.4

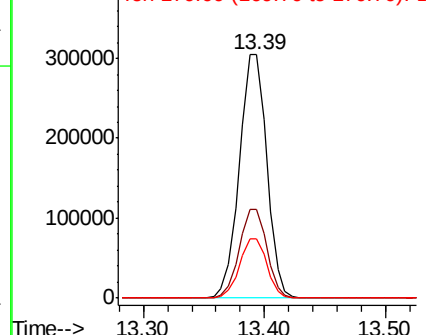
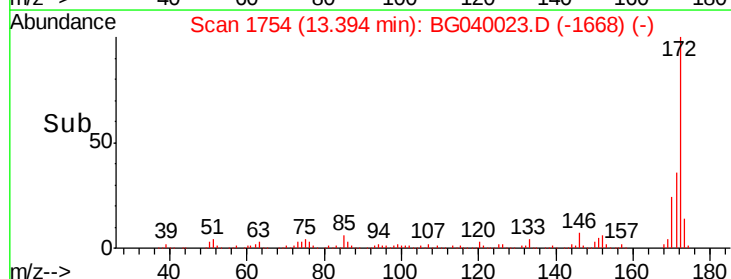


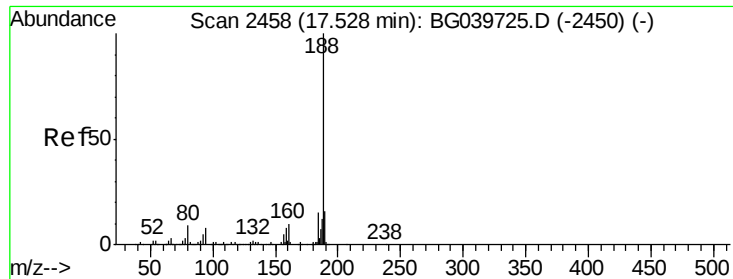
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

Instrument :

BNA_G

ClientSampleId :

PB118056TB

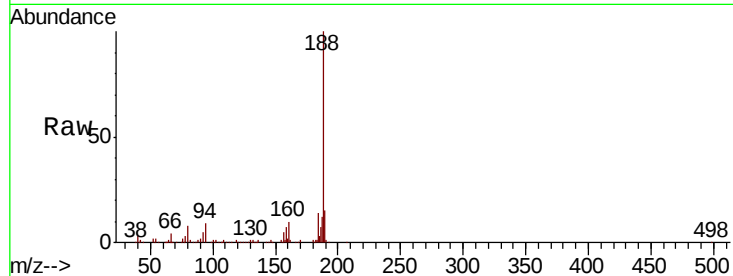
Tot Ion:188 Resp: 236813

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

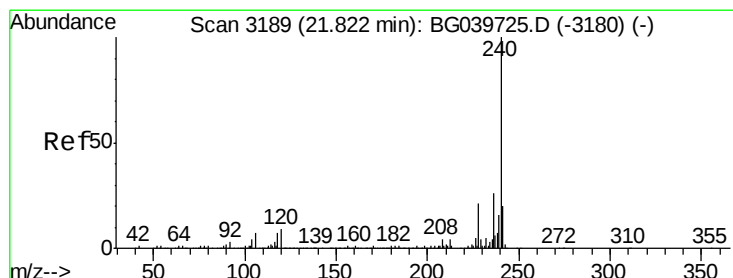
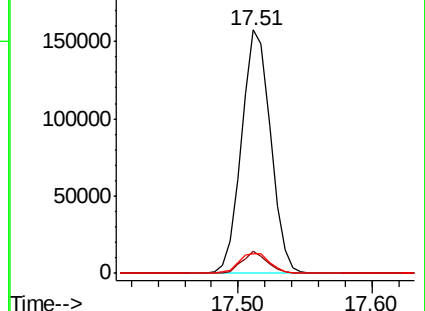
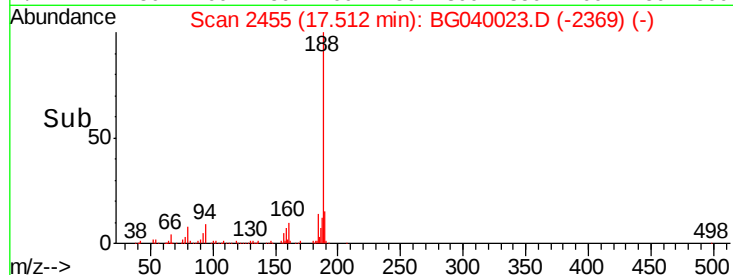
80 8.3 8.1 12.1



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

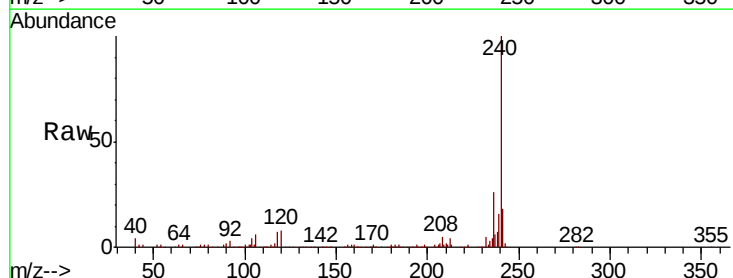
Tgt Ion:240 Resp: 269291

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

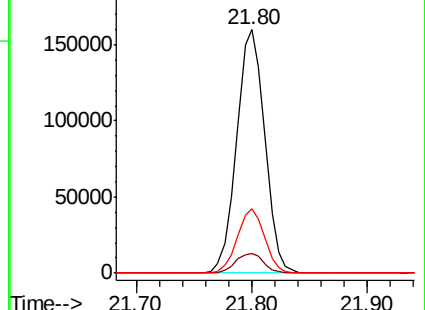
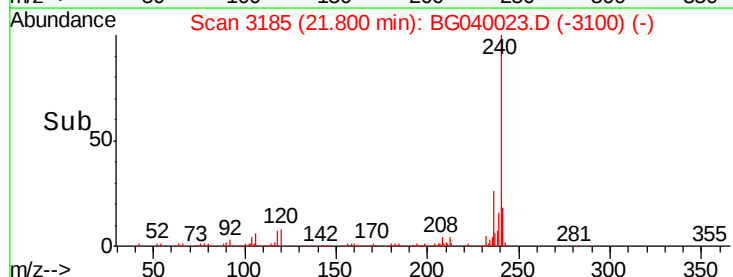
236 26.4 21.0 31.4

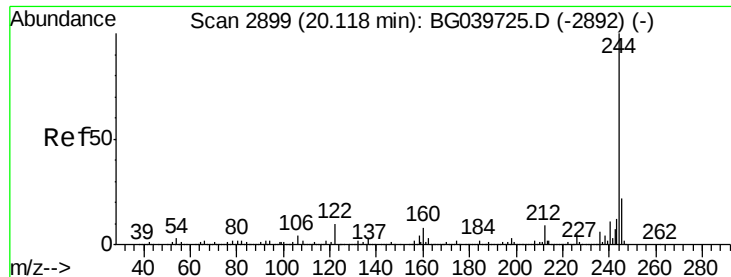


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.511 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

Instrument :

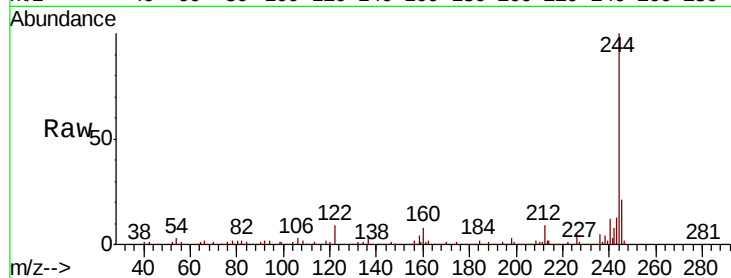
BNA_G

ClientSampleId :

PB118056TB

Tot Ion:244 Resp: 984690

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.3	8.4	12.6

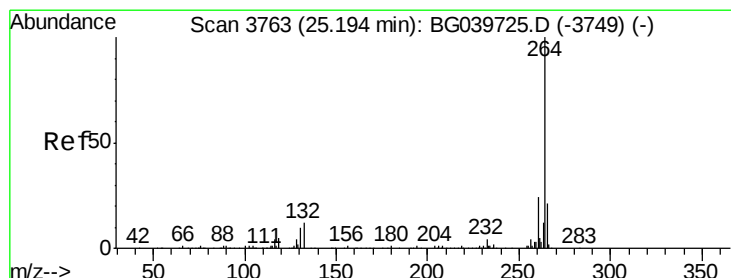
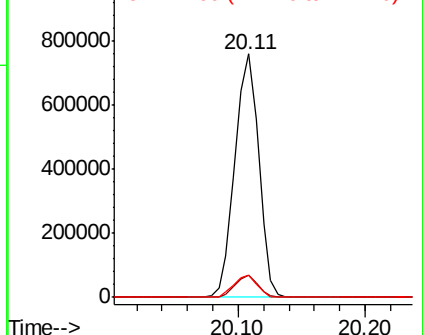
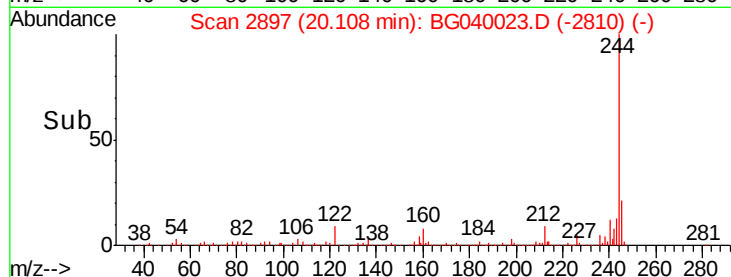


Abundance

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: 25.16 min Scan# 3757

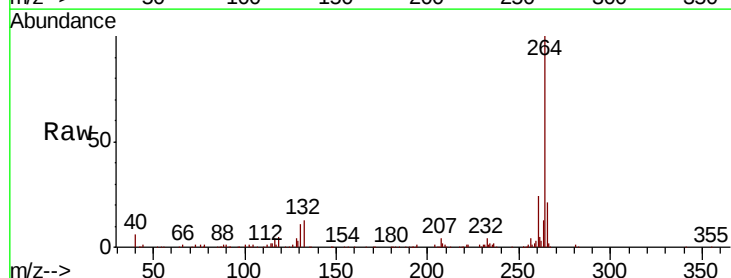
Delta R.T. -0.04 min

Lab File: BG040023.D

Acq: 20 Mar 2019 4:36

Tgt Ion:264 Resp: 258499

Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

