

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039993.D
 Acq On : 19 Mar 2019 6:26
 Operator : JU/SJ
 Sample : PB117977BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BL

Quant Time: Mar 19 08:44:59 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	38424	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	159740	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	107183	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268674	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	286090	20.00	ng	-0.03
87) Perylene-d12	25.17	264	280814	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	182830	81.18	ng	-0.02
7) Phenol-d6	7.29	99	262878	78.28	ng	-0.02
23) Nitrobenzene-d5	9.32	82	158283	53.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	98259	78.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	399014	53.01	ng	-0.02
79) Terphenyl-d14	20.11	244	673728	51.85	ng	-0.02

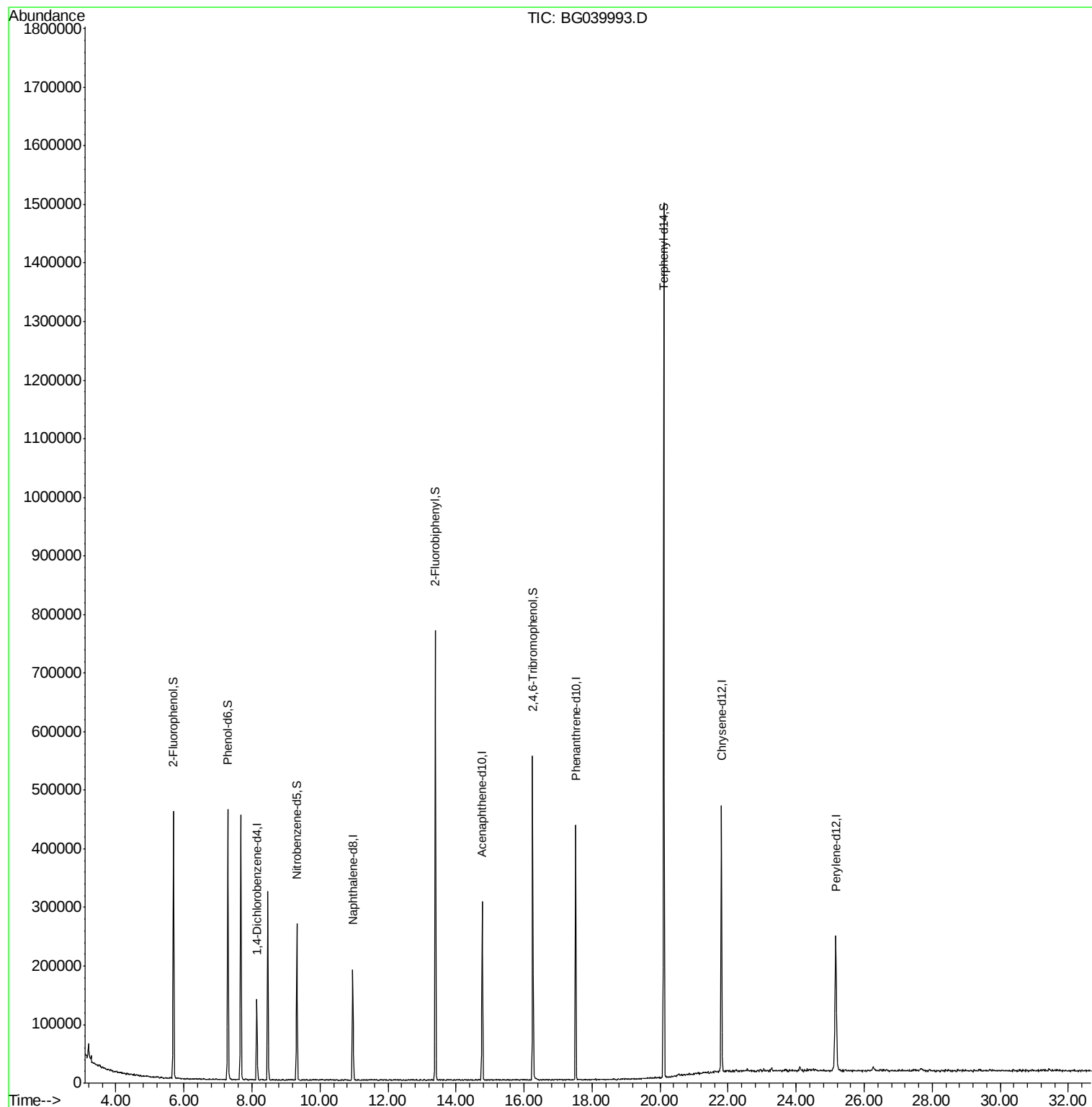
Target Compounds Qvalue

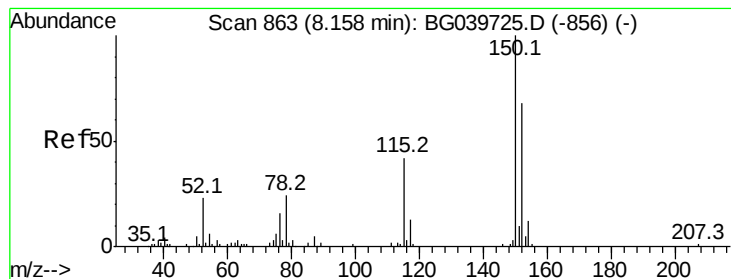
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039993.D

Acq: 19 Mar 2019 6:26

Instrument :

BNA_G

ClientSampleId :

PB117977BL

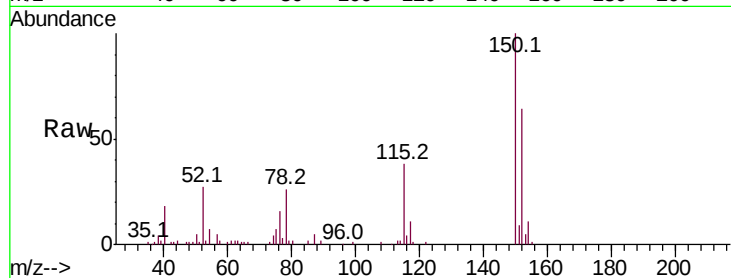
Tot Ion:152 Resp: 38424

Ion Ratio Lower Upper

152 100

150 155.8 123.7 185.5

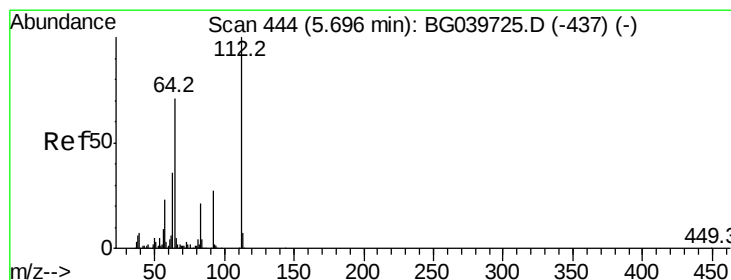
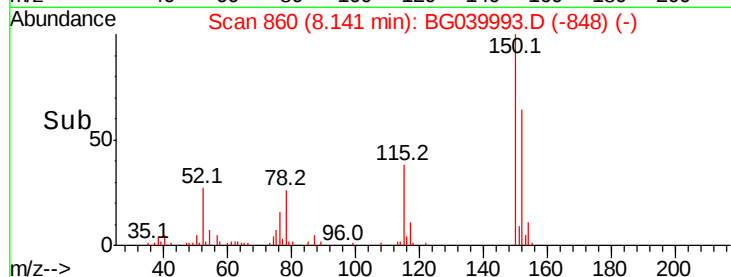
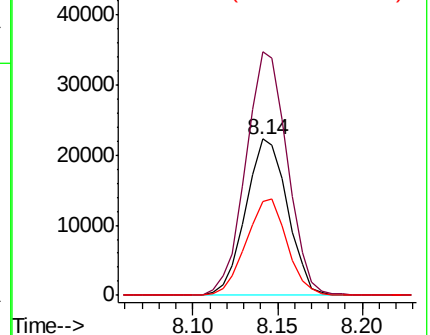
115 59.9 45.9 68.9



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: 81.176 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039993.D

Acq: 19 Mar 2019 6:26

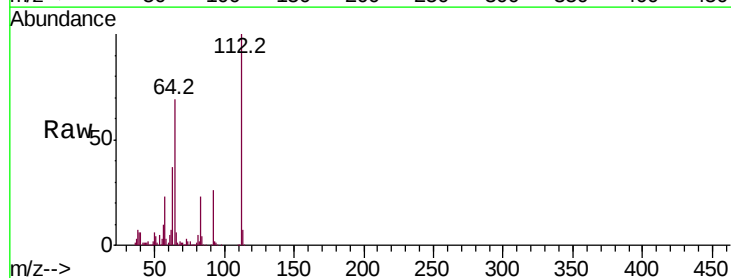
Tgt Ion:112 Resp: 182830

Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

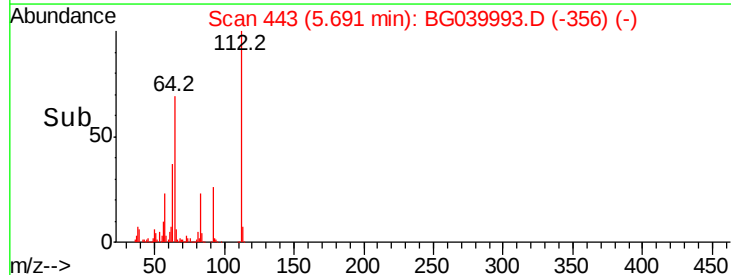
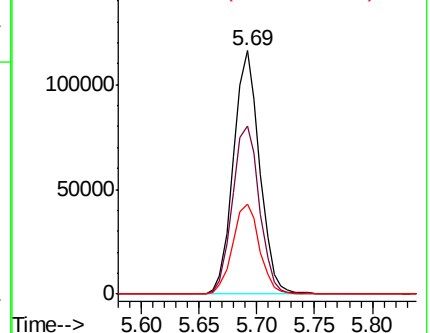
63 37.0 29.8 44.6

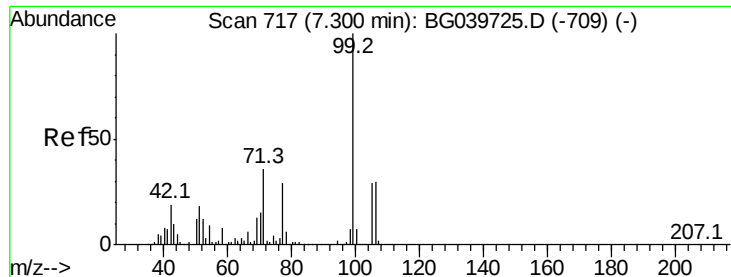


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 78.278 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039993.D

Acq: 19 Mar 2019 6:26

Instrument :

BNA_G

ClientSampleId :

PB117977BL

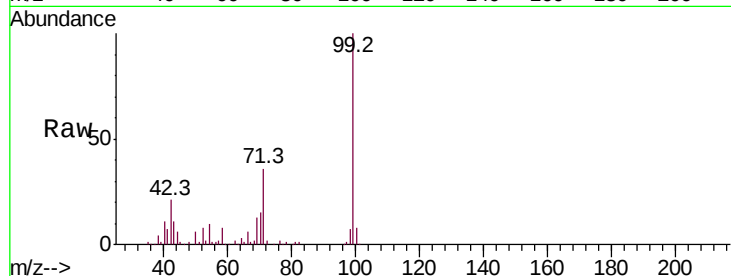
Tot Ion: 99 Resp: 262878

Ion Ratio Lower Upper

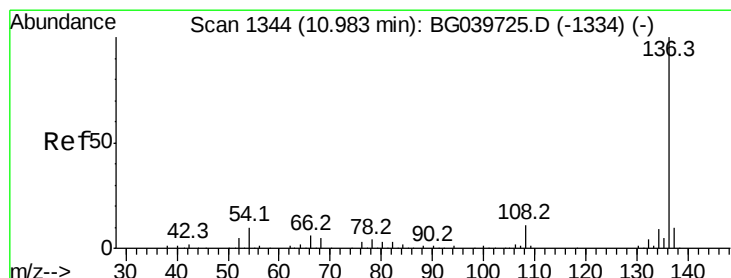
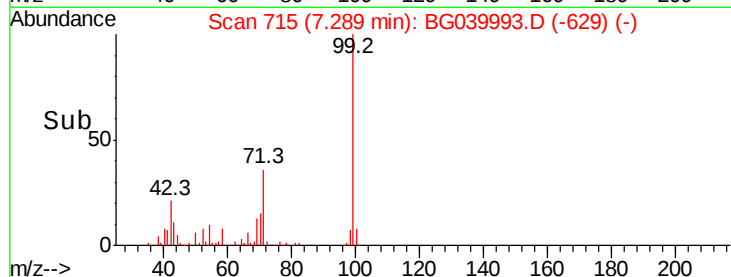
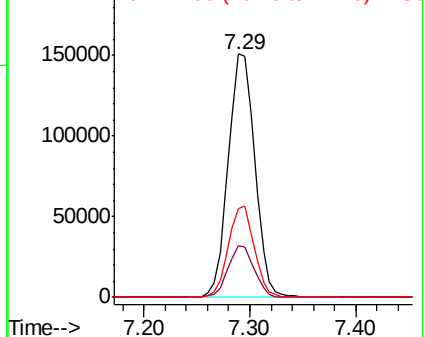
99 100

42 21.3 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039993.D

Acq: 19 Mar 2019 6:26

Tgt Ion: 136 Resp: 159740

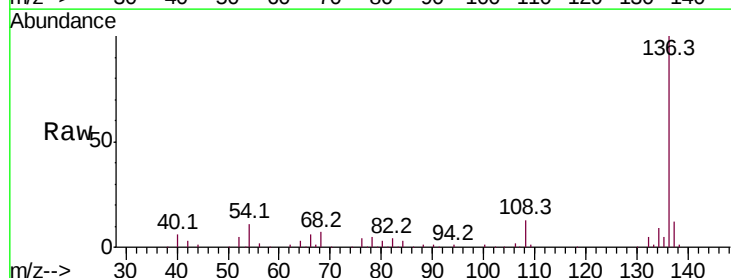
Ion Ratio Lower Upper

136 100

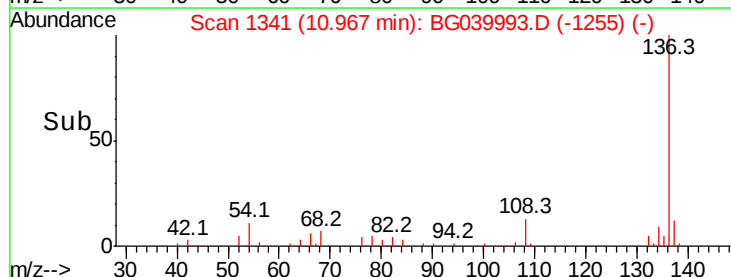
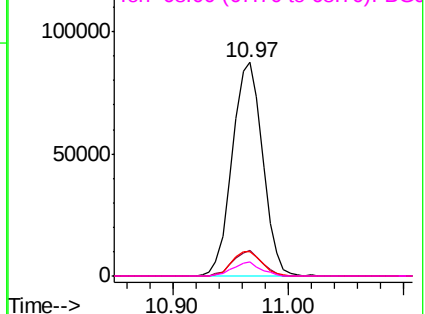
137 11.7 9.1 13.7

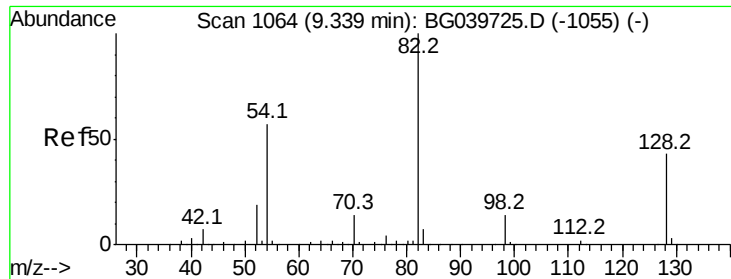
54 11.3 9.4 14.2

68 6.6 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

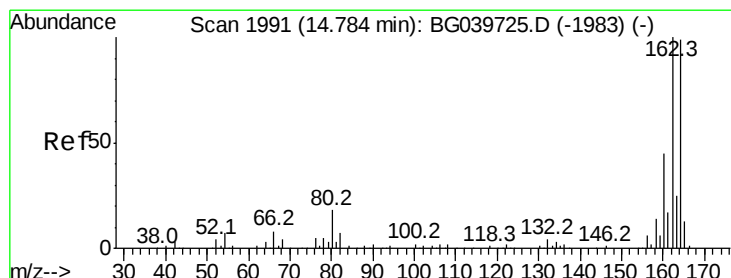
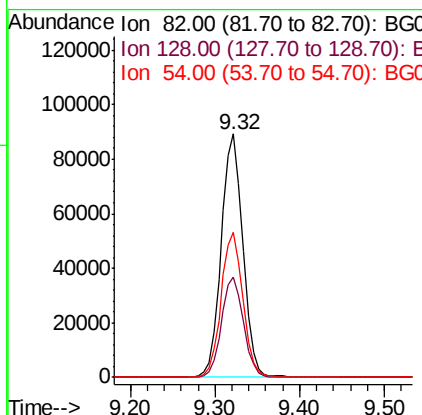
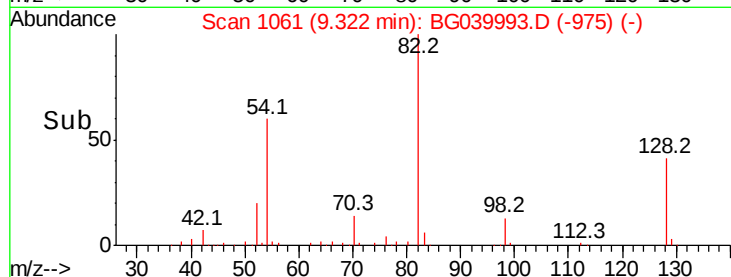
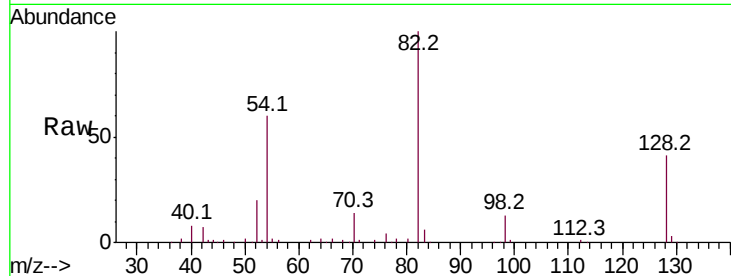




#23
Nitrobenzene-d5
Concen: 53.591 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039993.D
Acq: 19 Mar 2019 6:26

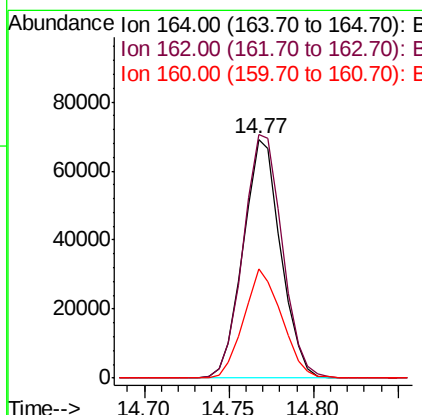
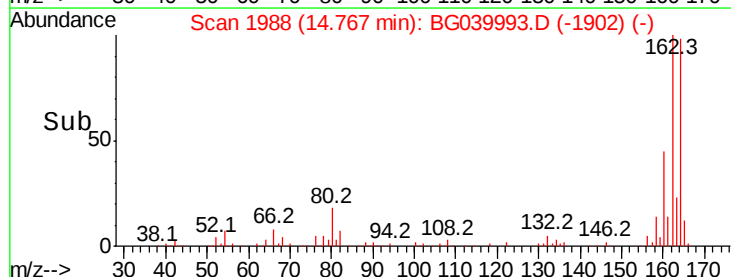
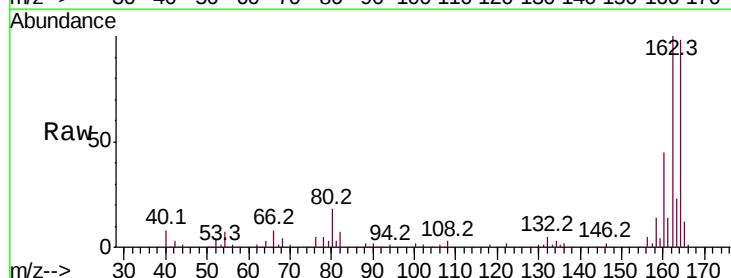
Instrument :
BNA_G
ClientSampleId :
PB117977BL

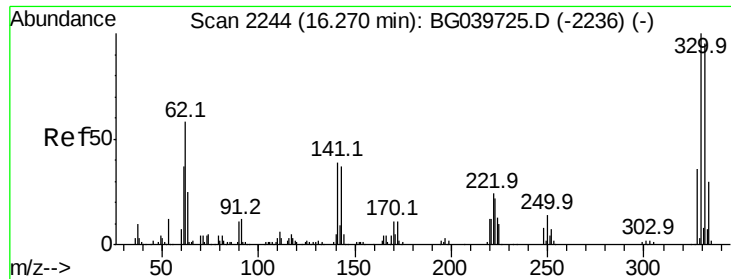
Tot Ion: 82 Resp: 158283
Ion Ratio Lower Upper
82 100
128 41.0 31.3 46.9
54 59.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG039993.D
Acq: 19 Mar 2019 6:26

Tgt Ion:164 Resp: 107183
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.8 34.2 51.2

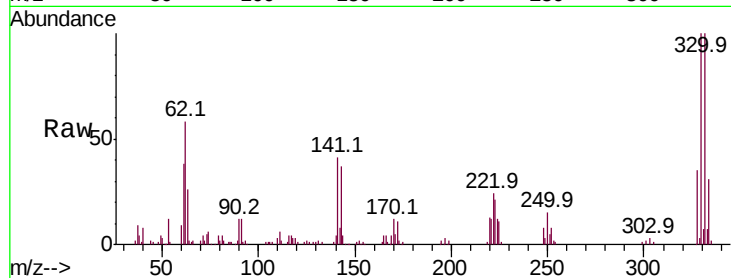




#42
 2,4,6-Tribromophenol
 Concen: 78.651 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039993.D
 Acq: 19 Mar 2019 6:26

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	42.4	35.6	53.4

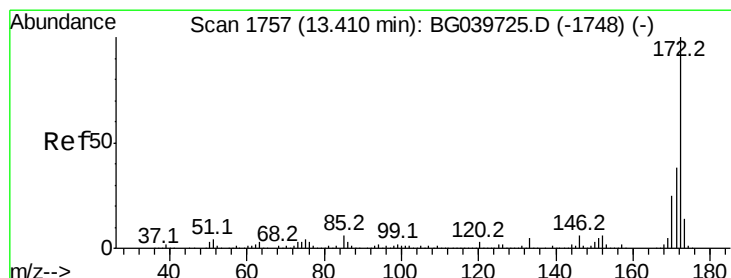
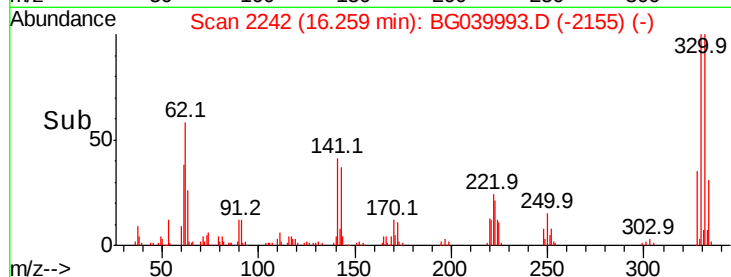
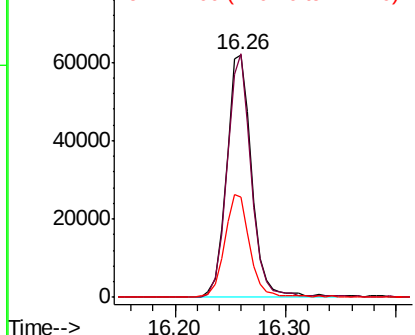


Abundance

Ion 329.80 (329.50 to 330.50): E

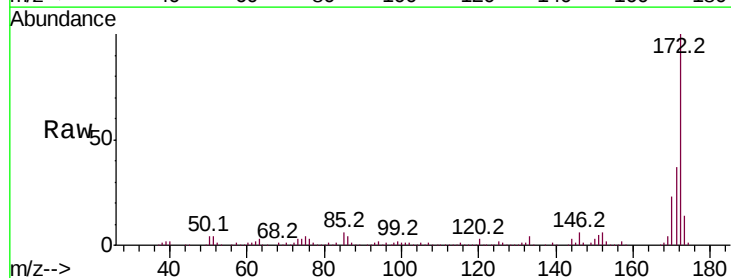
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.005 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039993.D
 Acq: 19 Mar 2019 6:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	23.2	20.2	30.4

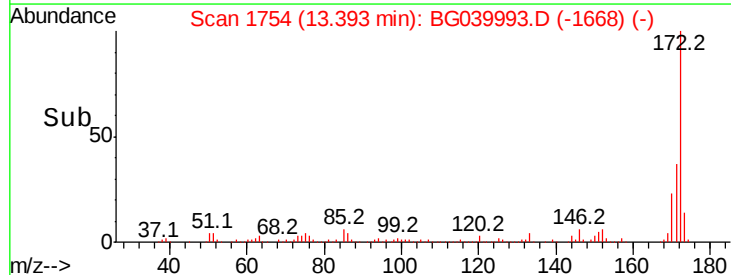
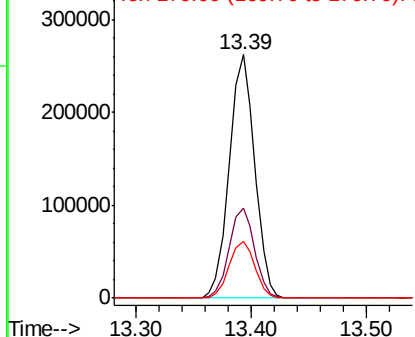


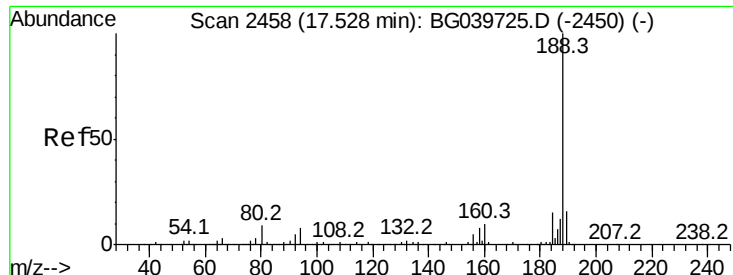
Abundance

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

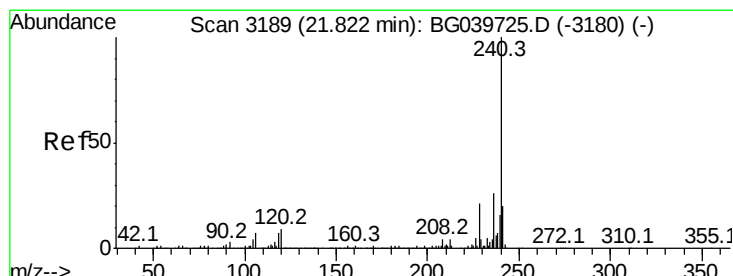
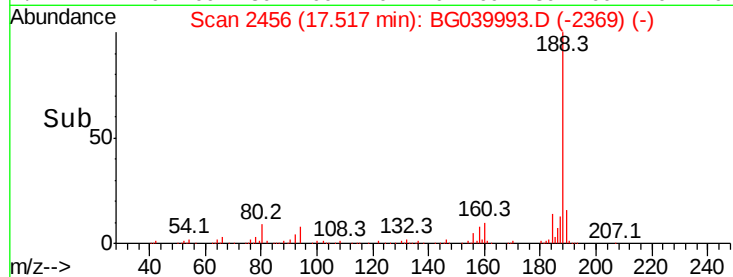
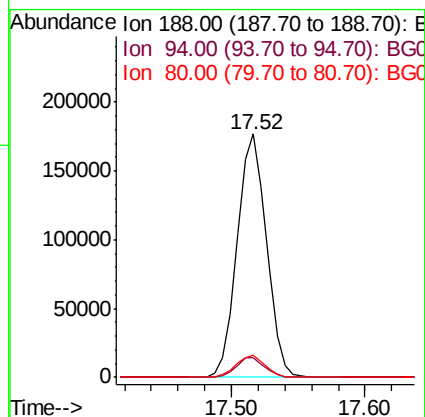
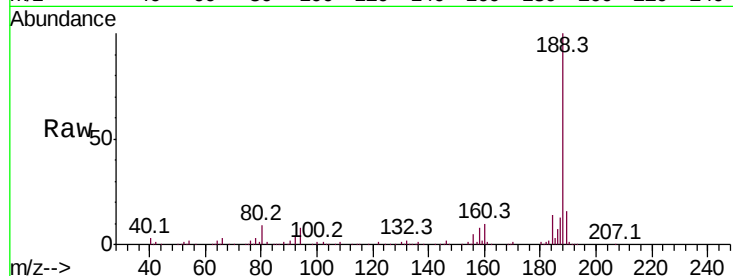




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039993.D
Acq: 19 Mar 2019 6:26

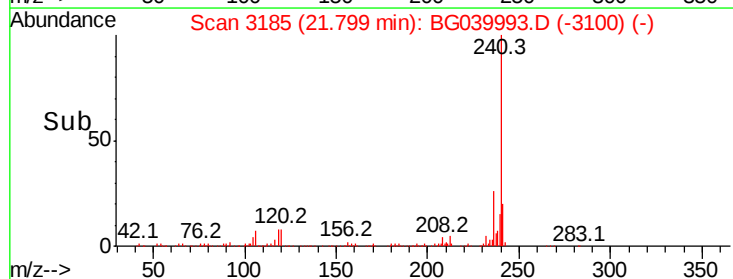
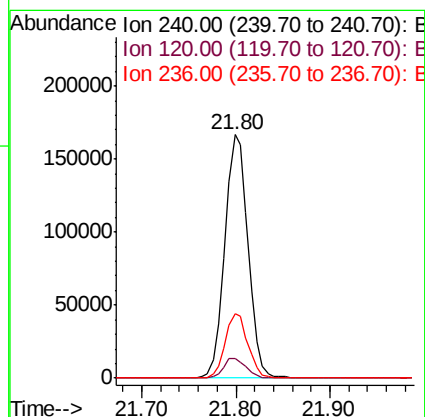
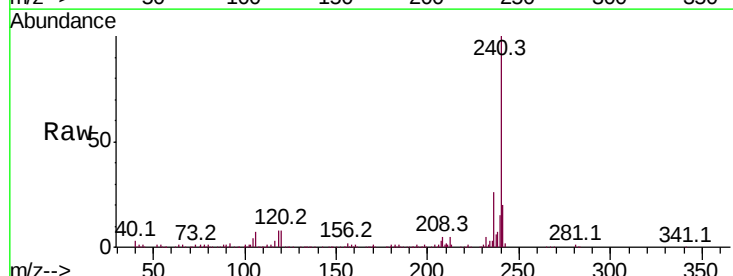
Instrument :
BNA_G
ClientSampleId :
PB117977BL

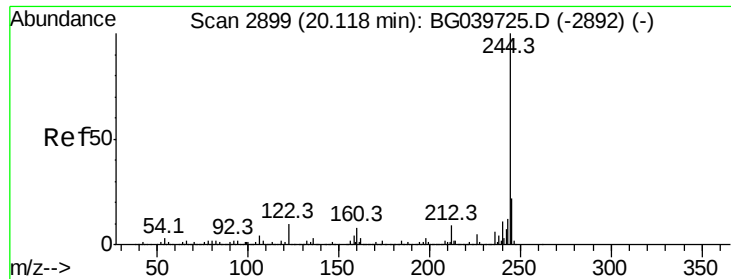
Tot Ion:188 Resp: 268674
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039993.D
Acq: 19 Mar 2019 6:26

Tgt Ion:240 Resp: 286090
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 51.851 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039993.D

Acq: 19 Mar 2019 6:26

Instrument :

BNA_G

ClientSampleId :

PB117977BL

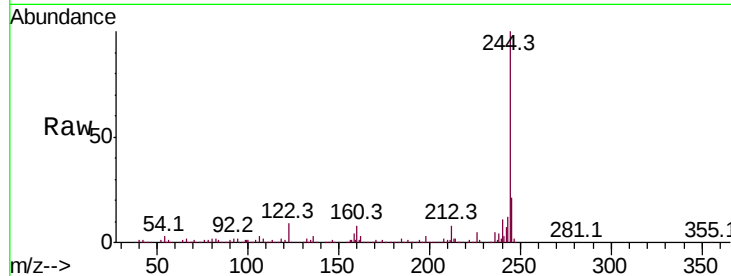
Tot Ion:244 Resp: 673728

Ion Ratio Lower Upper

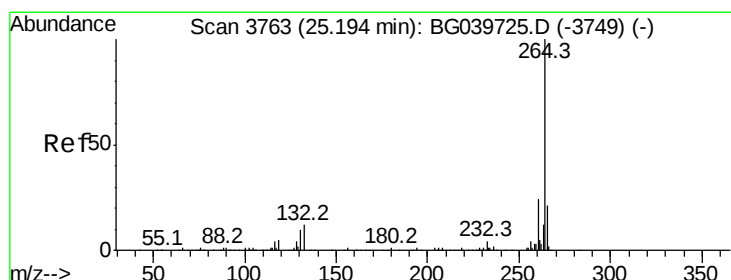
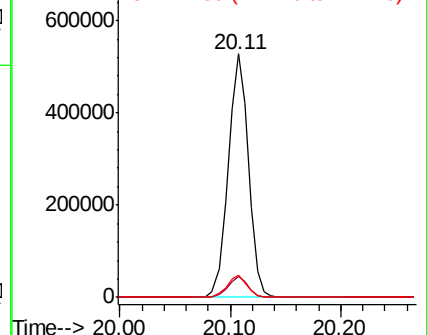
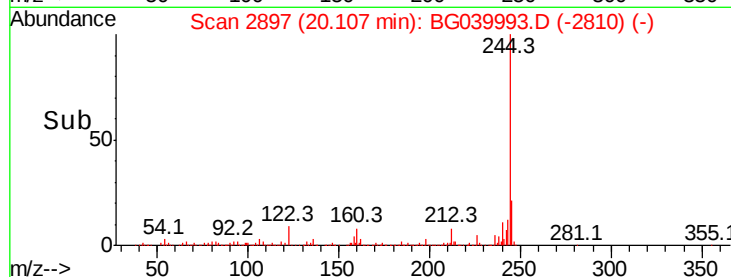
244 100

212 8.4 7.3 10.9

122 8.9 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: 25.17 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039993.D

Acq: 19 Mar 2019 6:26

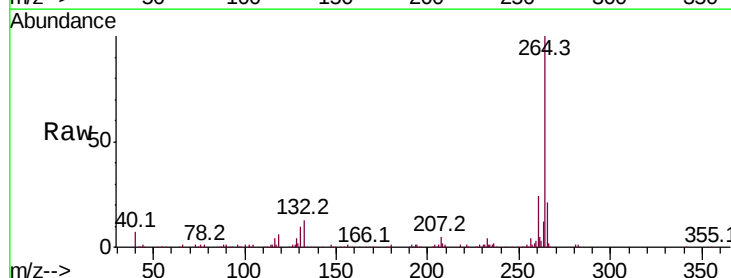
Tgt Ion:264 Resp: 280814

Ion Ratio Lower Upper

264 100

260 23.7 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

