

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039803.D
 Acq On : 7 Mar 2019 15:32
 Operator : JU/SJ
 Sample : PB117686BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BL

Quant Time: Mar 08 01:35:07 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	8.15	152	40898	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180145	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130331	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	331926	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	339752	20.00	ng	-0.02
87) Perylene-d12	25.18	264	335231	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	298779	124.63	ng	-0.01
7) Phenol-d6	7.30	99	440078	123.12	ng	-0.01
23) Nitrobenzene-d5	9.33	82	254437	76.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	180006	118.49	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	680193	74.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1136190	73.63	ng	0.00

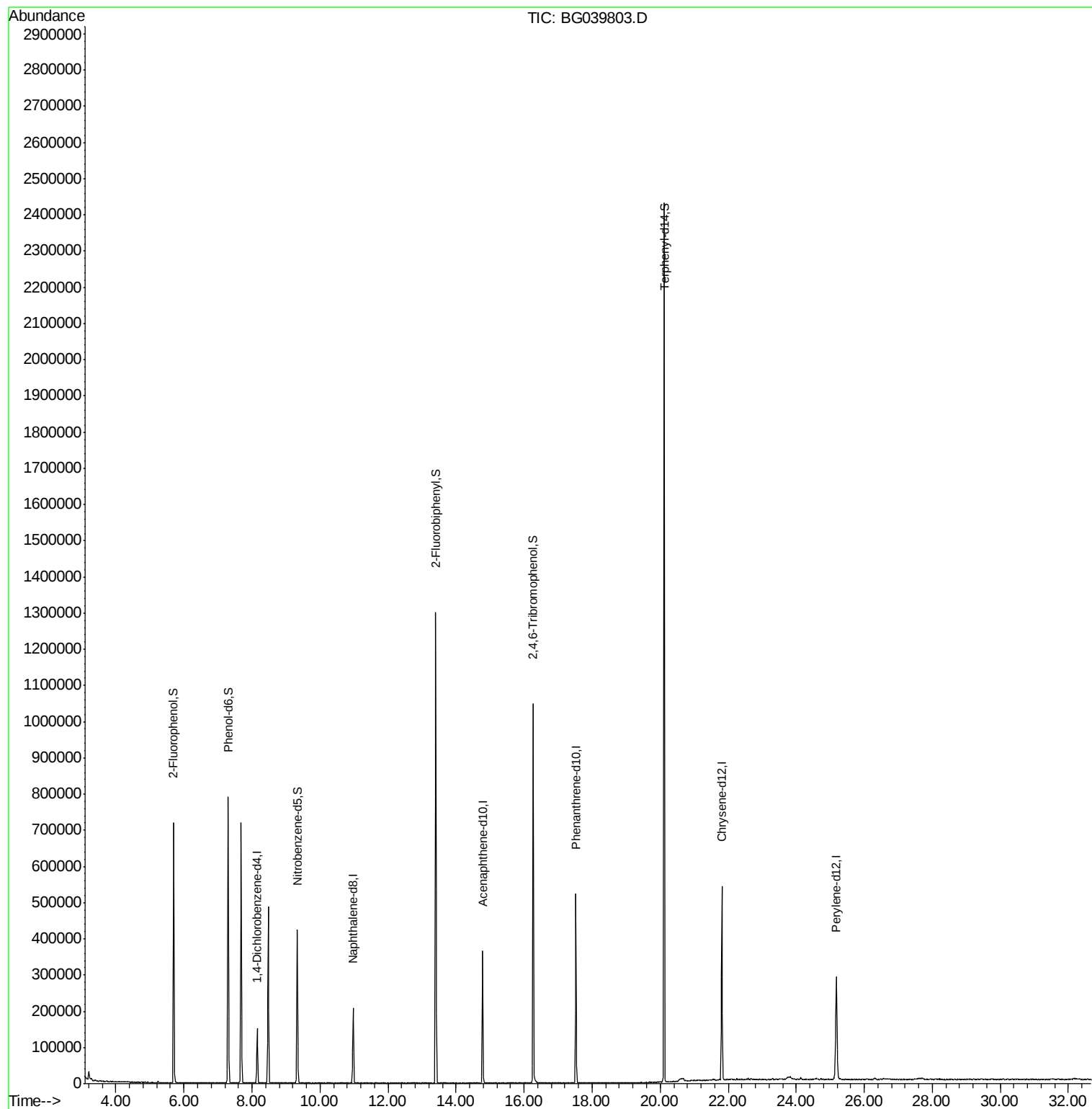
Target Compounds Qvalue

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

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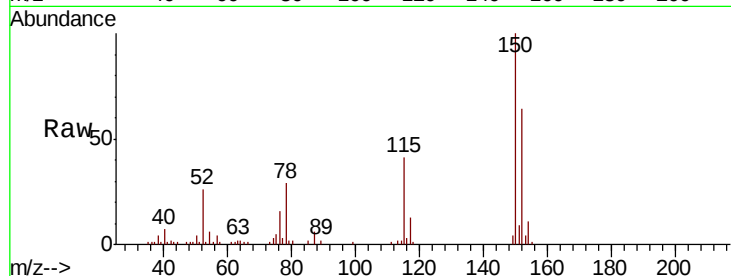


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039803.D
Acq: 7 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB117686BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.7	185.5
115	63.9	45.9	68.9

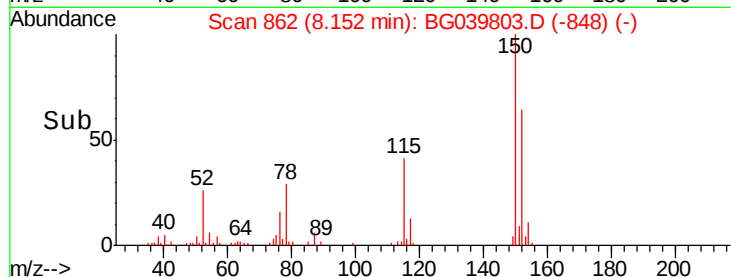
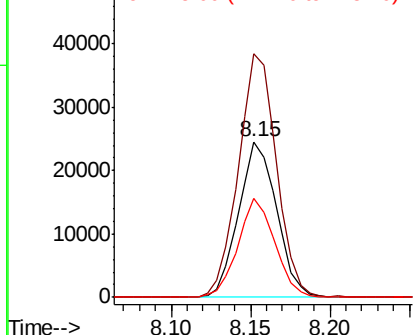


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

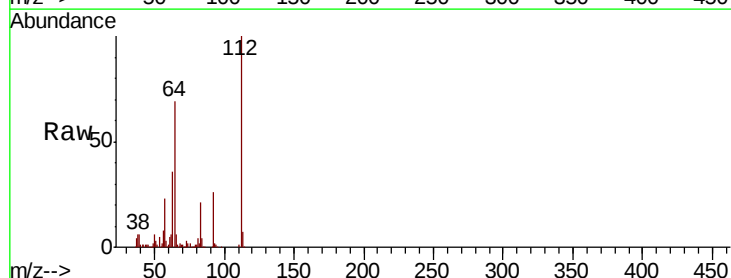
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.632 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039803.D
Acq: 7 Mar 2019 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	35.7	29.8	44.6

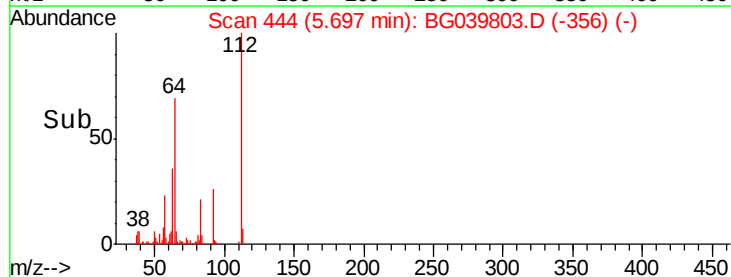
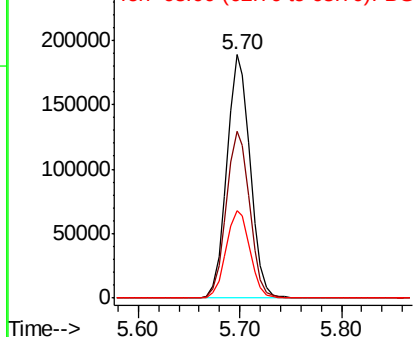


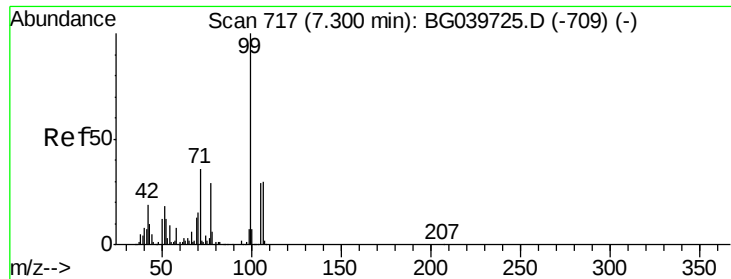
Abundance

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: 123.116 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039803.D

Acq: 7 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB117686BL

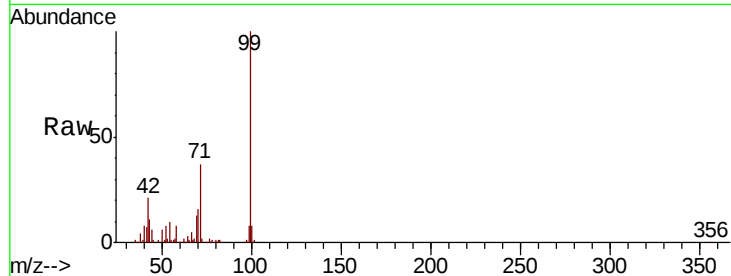
Tot Ion: 99 Resp: 440078

Ion Ratio Lower Upper

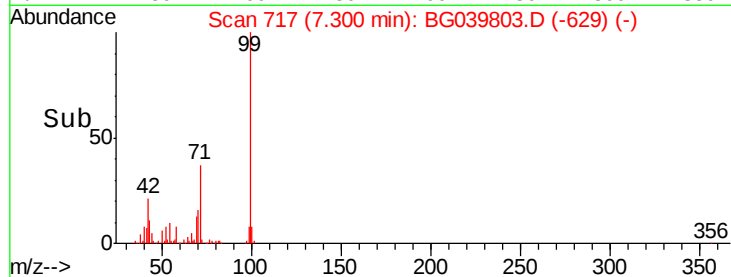
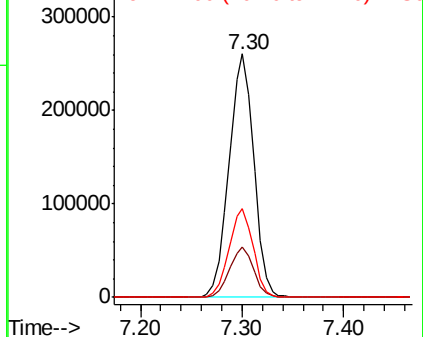
99 100

42 20.6 18.2 27.2

71 36.7 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039803.D

Acq: 7 Mar 2019 15:32

Tgt Ion: 136 Resp: 180145

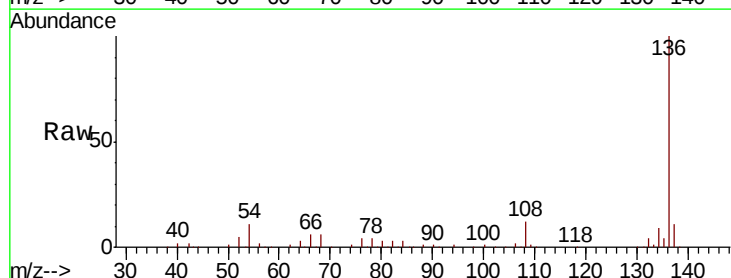
Ion Ratio Lower Upper

136 100

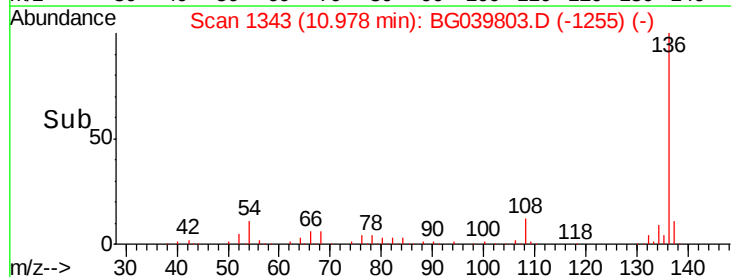
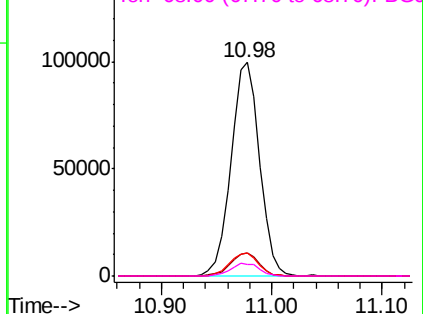
137 10.6 9.1 13.7

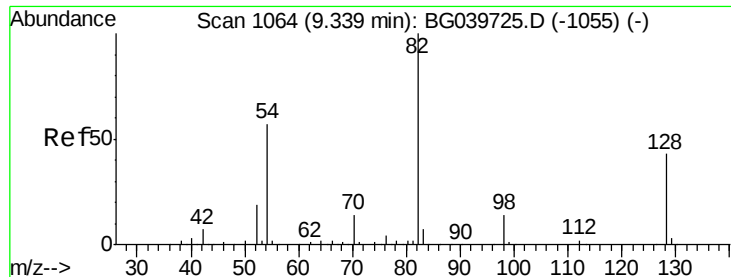
54 10.8 9.4 14.2

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

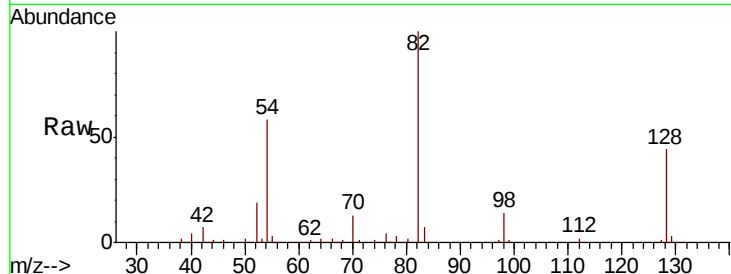




#23
Nitrobenzene-d5
Concen: 76.388 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039803.D
Acq: 7 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB117686BL

Tot Ion	82	Resp	254437
Ion Ratio	100	Lower	Upper
128	44.4	31.3	46.9
54	57.7	50.9	76.3

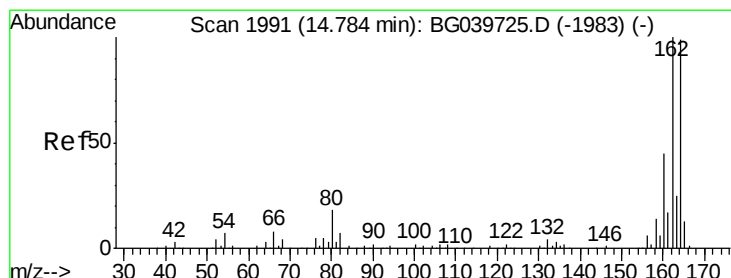
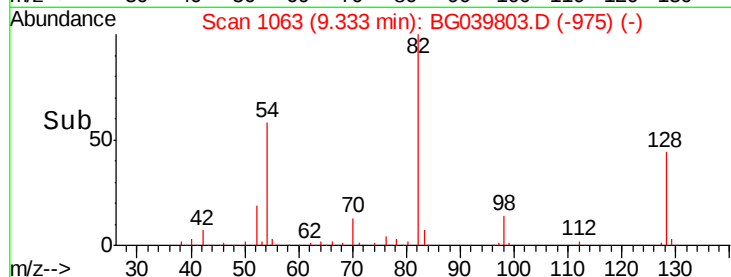
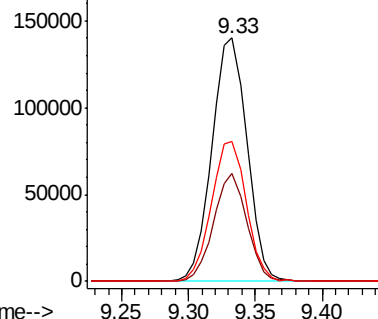


Abundance

Ion 82.00 (81.70 to 82.70): BGC

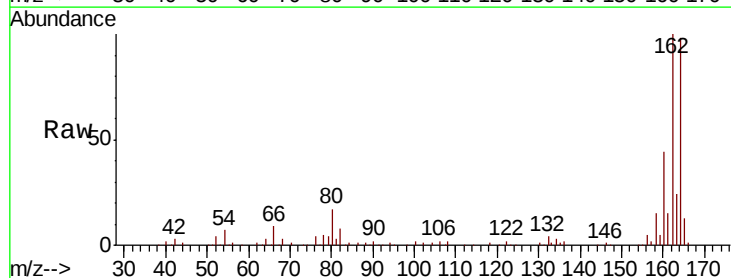
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039803.D
Acq: 7 Mar 2019 15:32

Tgt Ion	164	Resp	130331
Ion Ratio	100	Lower	Upper
162	101.6	81.6	122.4
160	44.6	34.2	51.2

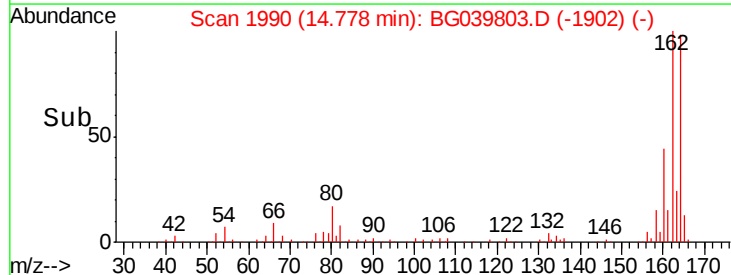
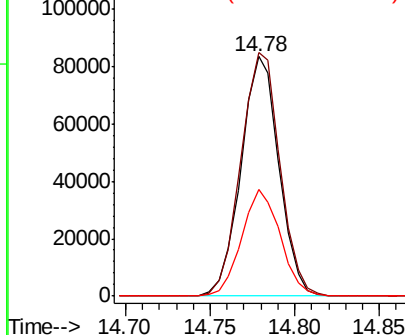


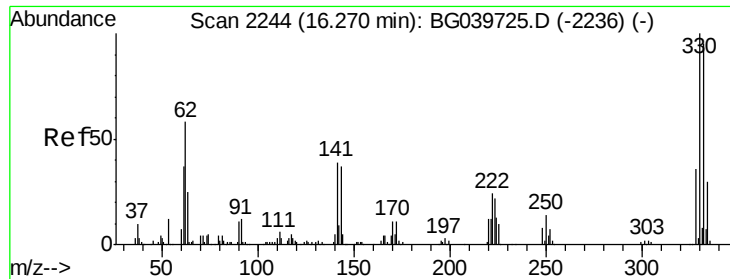
Abundance

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

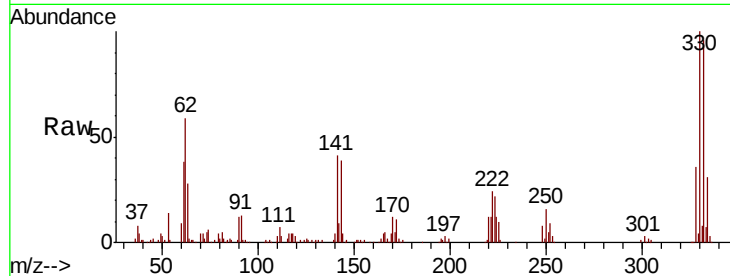




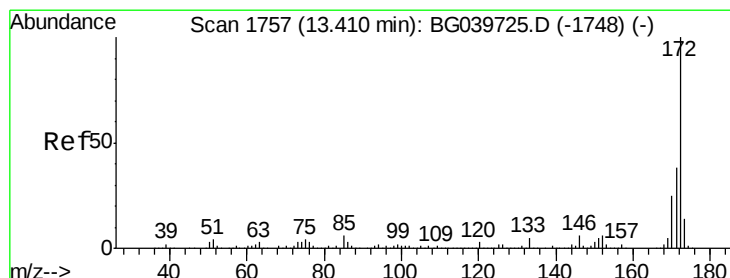
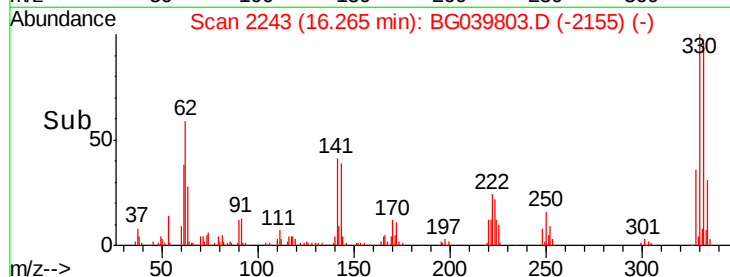
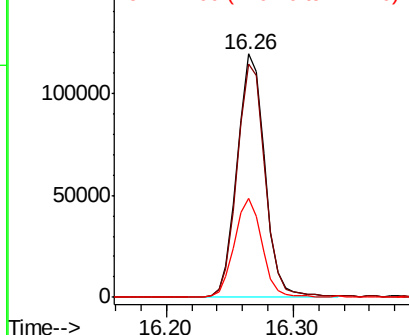
#42
 2,4,6-Tribromophenol
 Concen: 118.495 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039803.D
 Acq: 7 Mar 2019 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	40.4	35.6	53.4

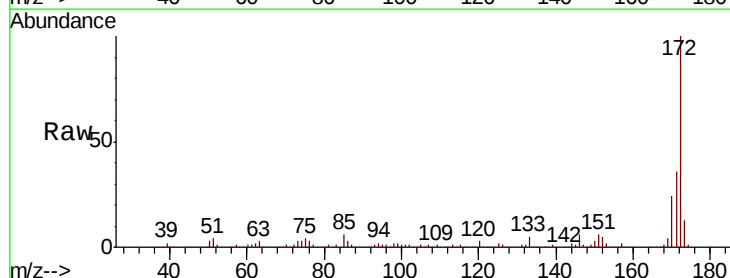


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

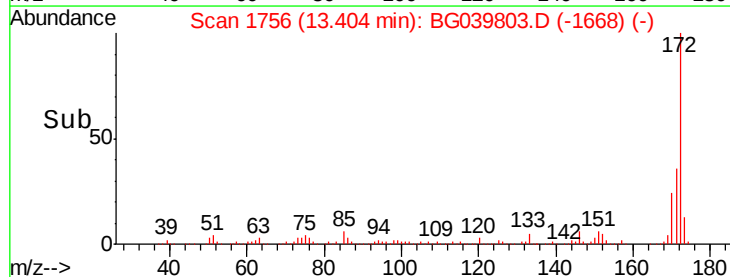
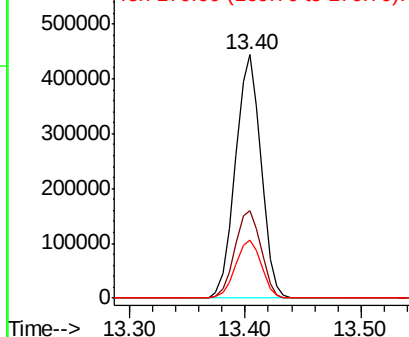


#45
 2-Fluorobiphenyl
 Concen: 74.309 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039803.D
 Acq: 7 Mar 2019 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.0	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# 2457

Delta R.T. -0.01 min

Lab File: BG039803.D

Acq: 7 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB117686BL

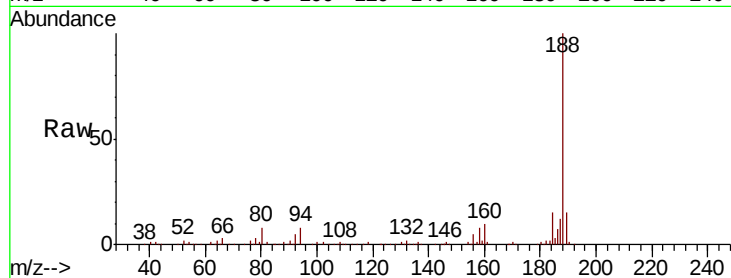
Tot Ion:188 Resp: 331926

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

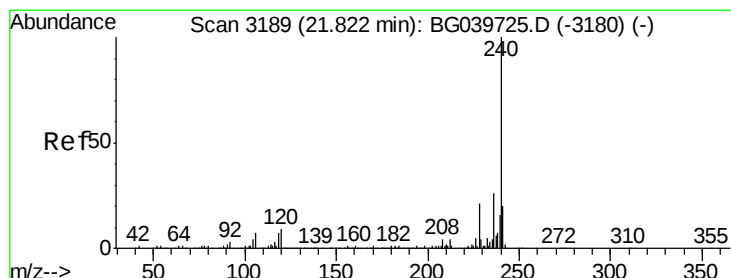
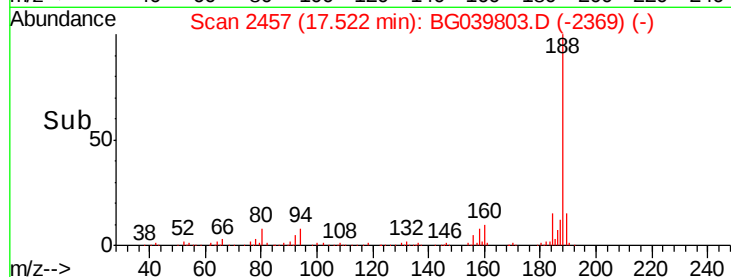
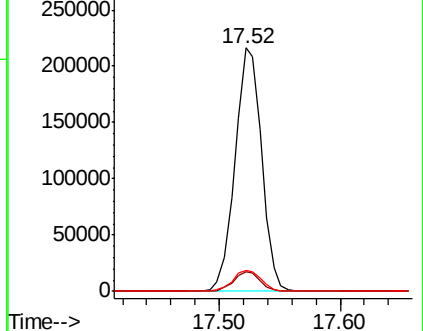
80 8.4 8.1 12.1



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039803.D

Acq: 7 Mar 2019 15:32

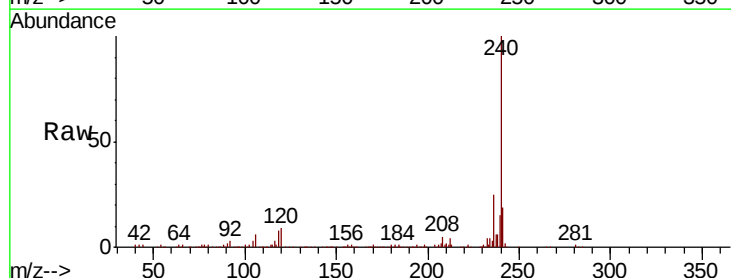
Tgt Ion:240 Resp: 339752

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

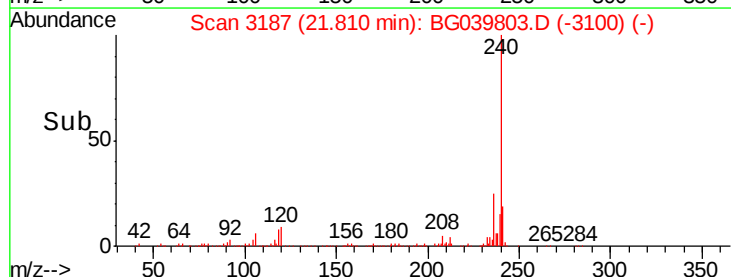
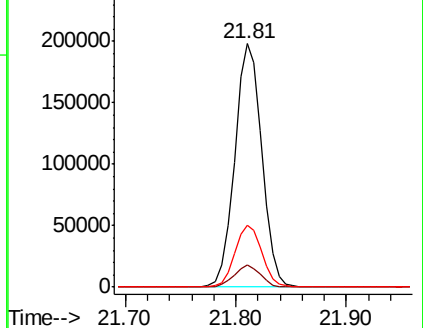
236 25.3 21.0 31.4

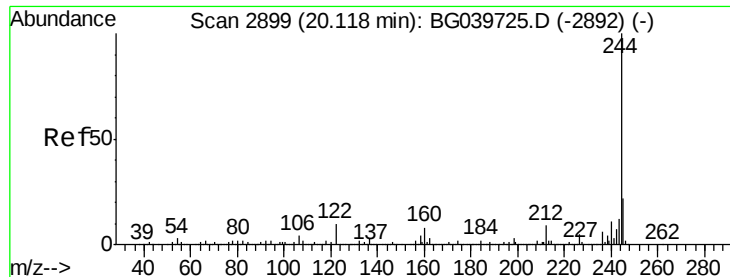


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.632 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039803.D

Acq: 7 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB117686BL

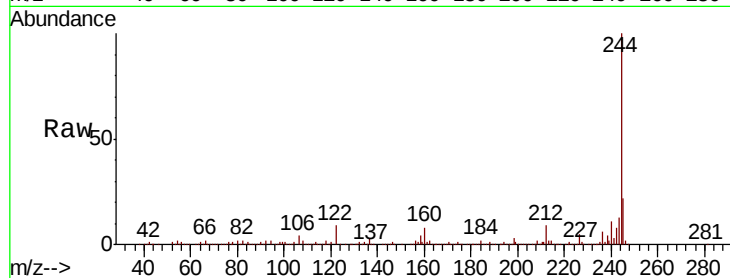
Tot Ion:244 Resp: 1136190

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

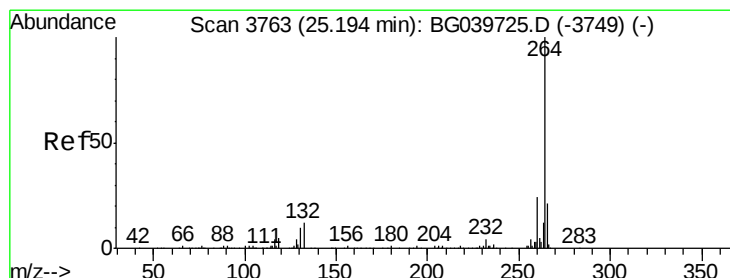
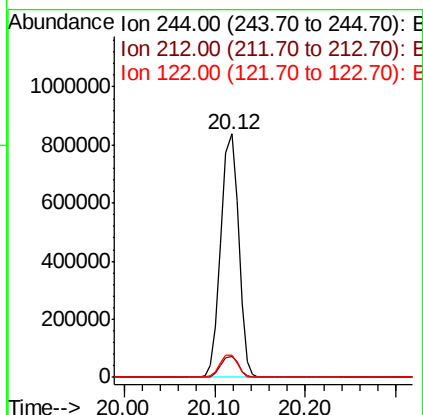
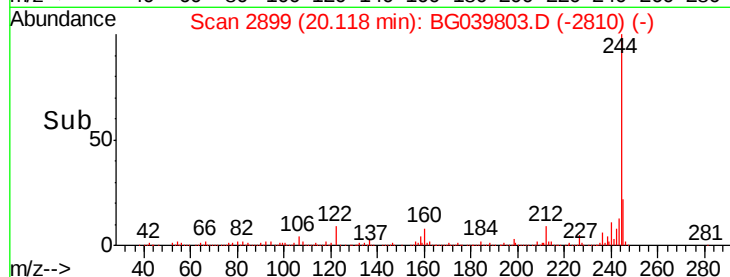
122 9.3 8.4 12.6



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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039803.D

Acq: 7 Mar 2019 15:32

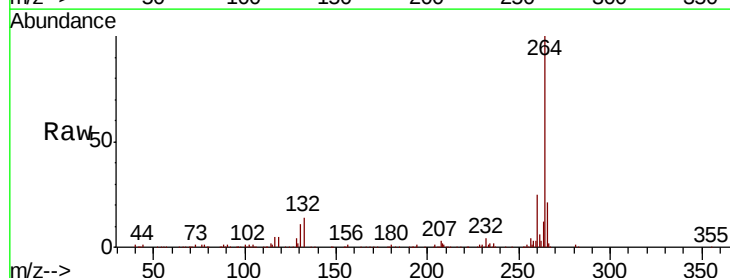
Tgt Ion:264 Resp: 335231

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 21.0 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

