

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039807.D
 Acq On : 7 Mar 2019 18:08
 Operator : JU/SJ
 Sample : PB117706BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117706BL

Quant Time: Mar 08 01:39:37 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	43023	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	192578	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	138479	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	347521	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	368556	20.00	ng	-0.02
87) Perylene-d12	25.18	264	364617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	365854	145.07	ng	-0.01
7) Phenol-d6	7.30	99	530497	141.08	ng	-0.01
23) Nitrobenzene-d5	9.33	82	301912	84.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	216337	134.03	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	790767	81.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1340725	80.10	ng	0.00

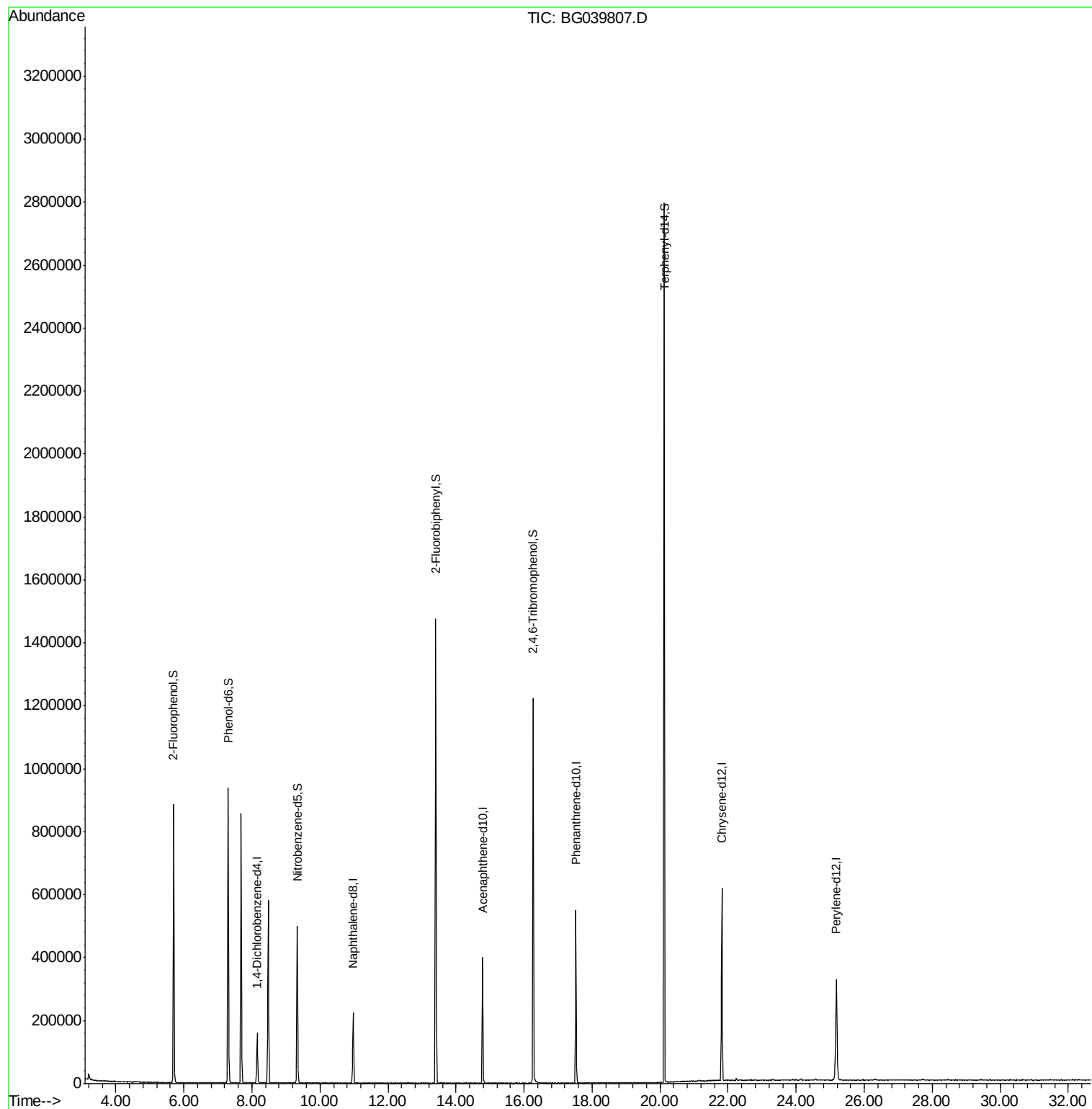
Target Compounds Qvalue

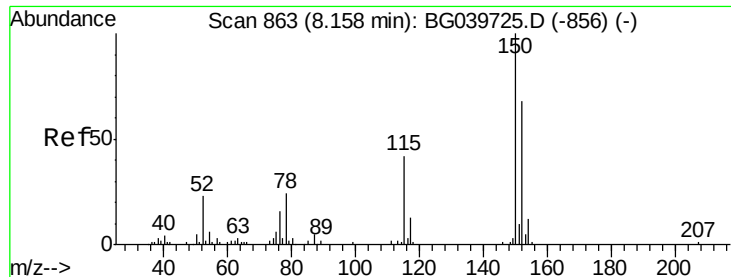
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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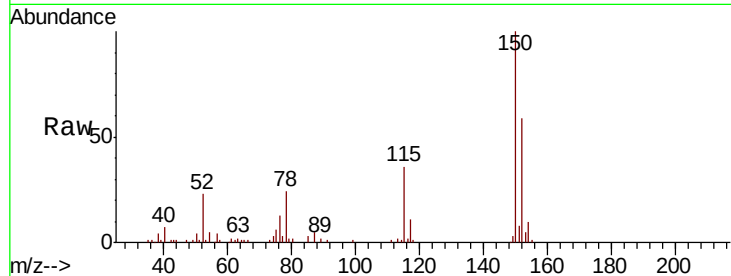


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_G
ClientSampleId :
PB117706BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.2	123.7	185.5
115	61.6	45.9	68.9

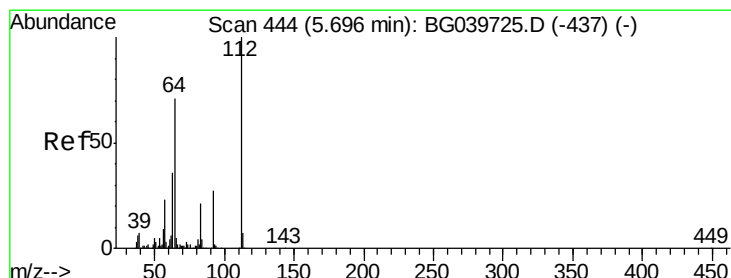
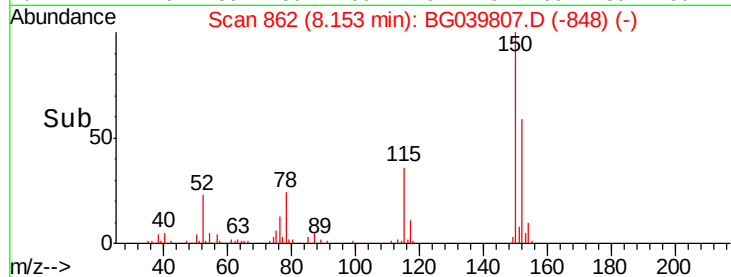
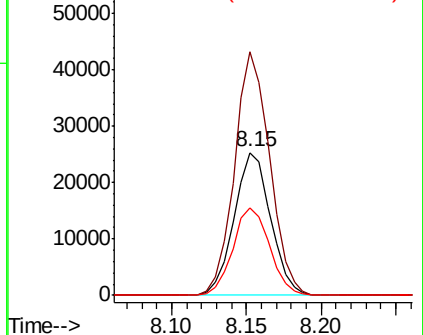


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

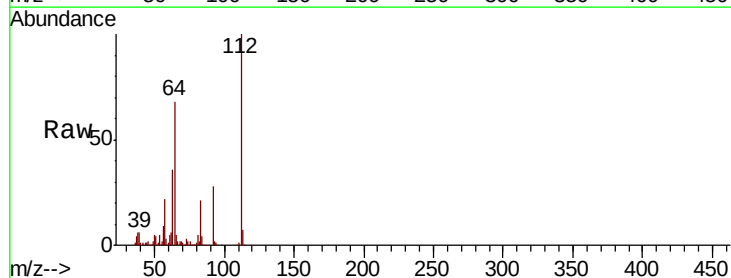
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.074 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	36.2	29.8	44.6

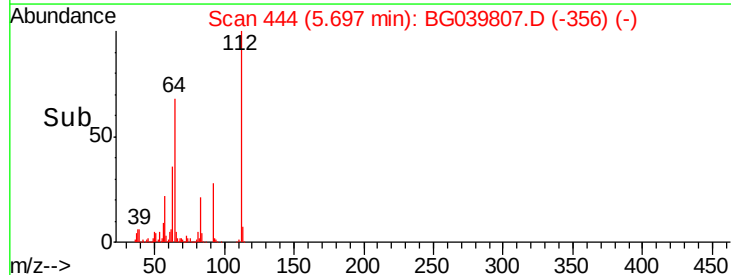
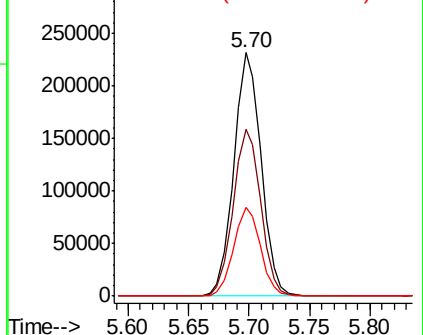


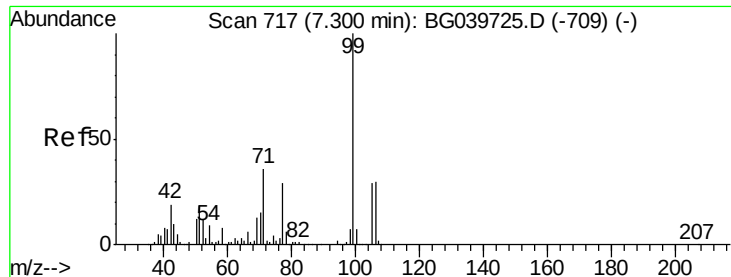
Abundance

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: 141.081 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Instrument :

BNA_G

ClientSampleId :

PB117706BL

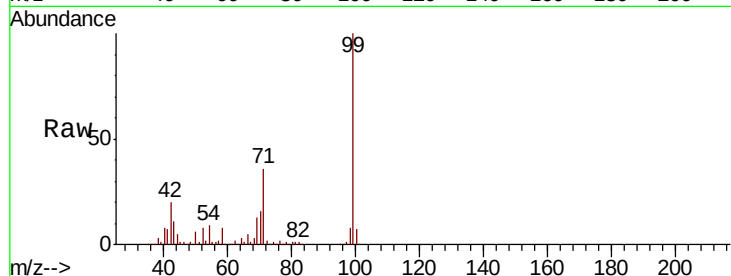
Tot Ion: 99 Resp: 530497

Ion Ratio Lower Upper

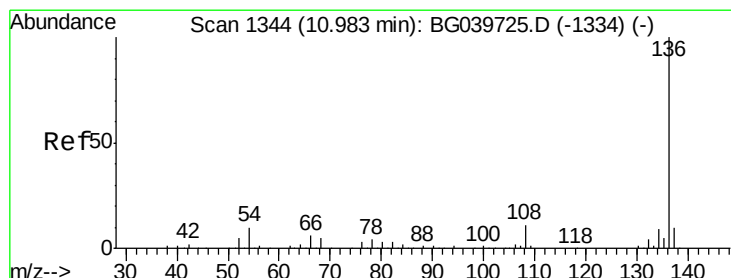
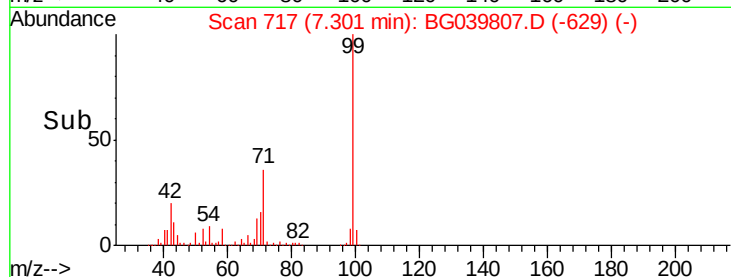
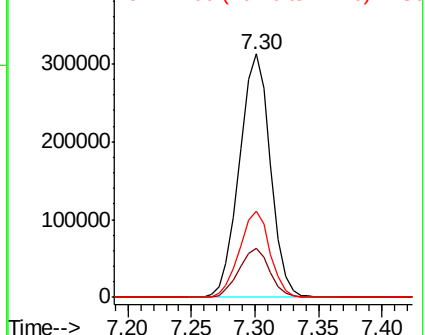
99 100

42 19.9 18.2 27.2

71 35.5 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# 1342

Delta R.T. -0.02 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Tgt Ion: 136 Resp: 192578

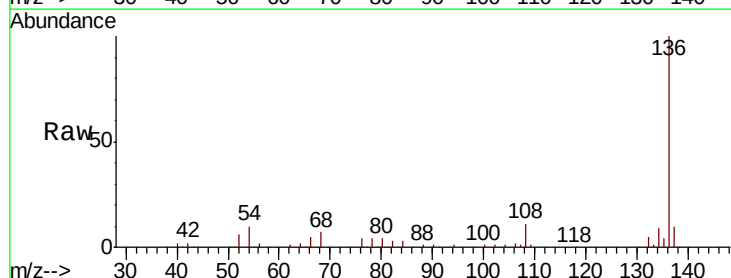
Ion Ratio Lower Upper

136 100

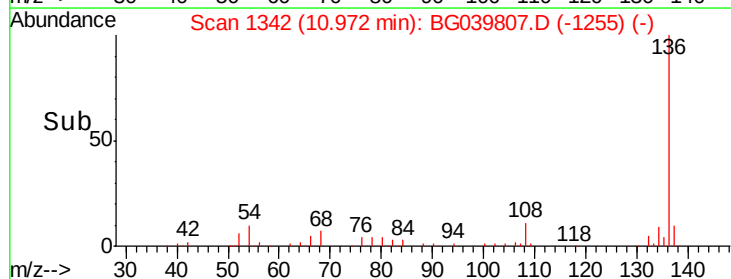
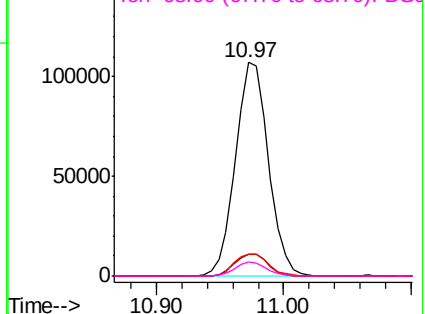
137 10.4 9.1 13.7

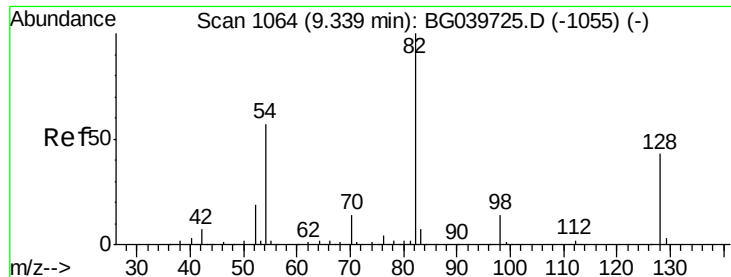
54 9.9 9.4 14.2

68 6.9 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

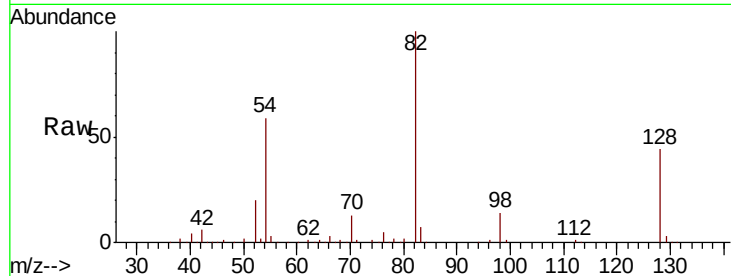




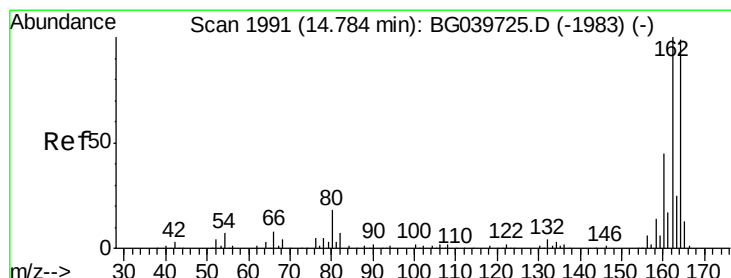
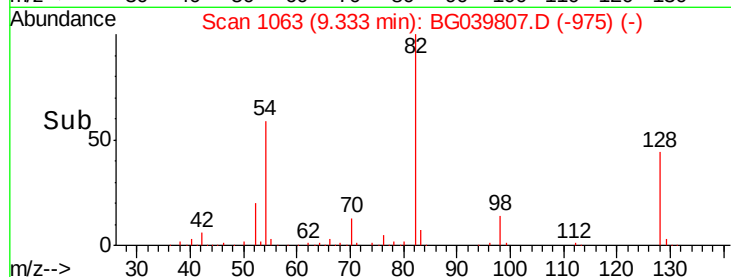
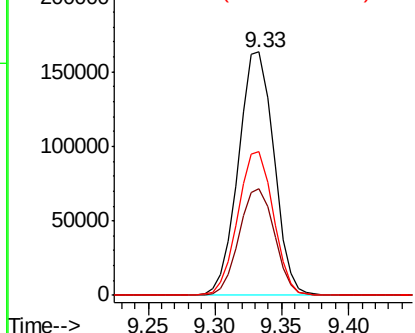
#23
Nitrobenzene-d5
Concen: 84.790 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Instrument :
BNA_G
ClientSampleId :
PB117706BL

Tot Ion: 82 Resp: 301912
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 59.2 50.9 76.3

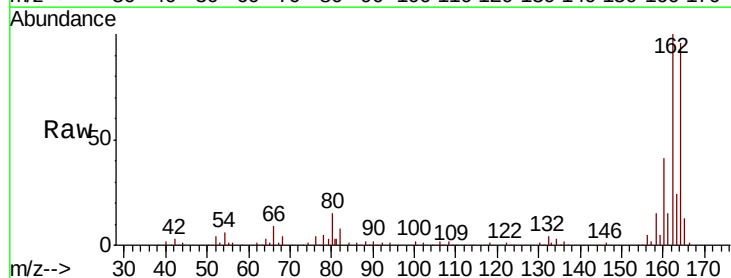


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

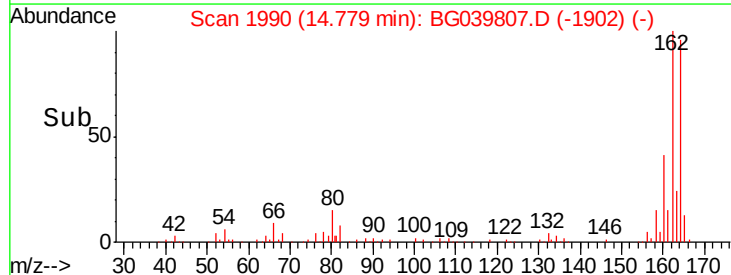
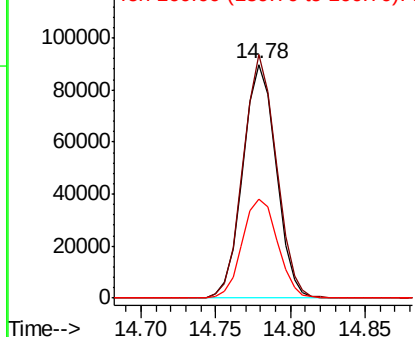


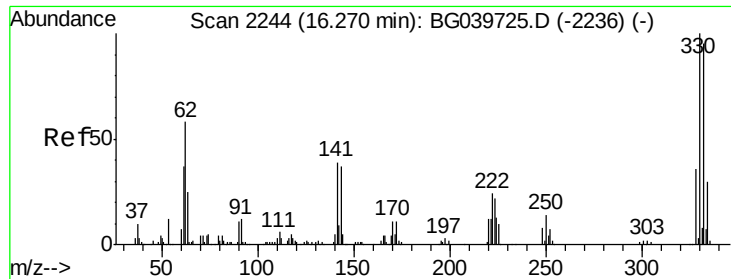
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:164 Resp: 138479
Ion Ratio Lower Upper
164 100
162 104.1 81.6 122.4
160 42.3 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

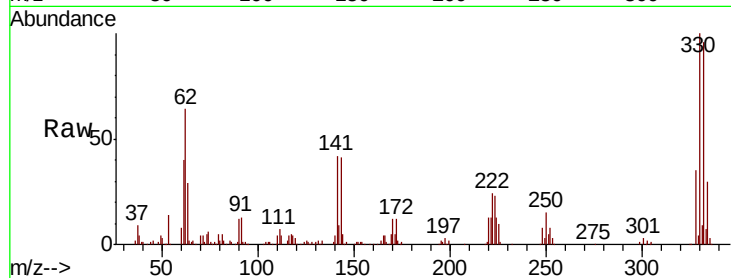




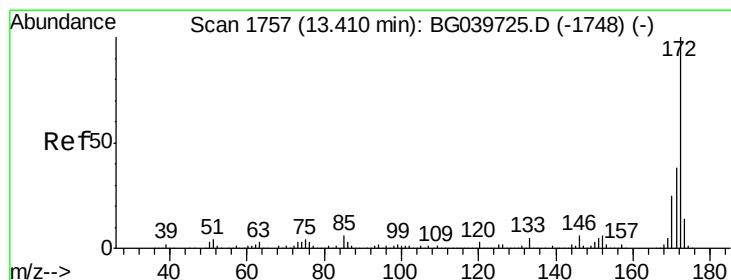
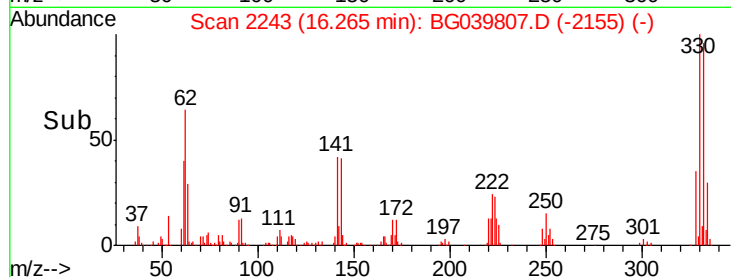
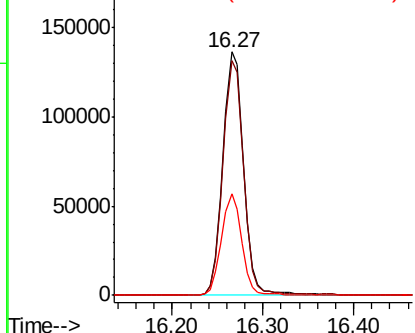
#42
 2,4,6-Tribromophenol
 Concen: 134.032 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB117706BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	40.5	35.6	53.4

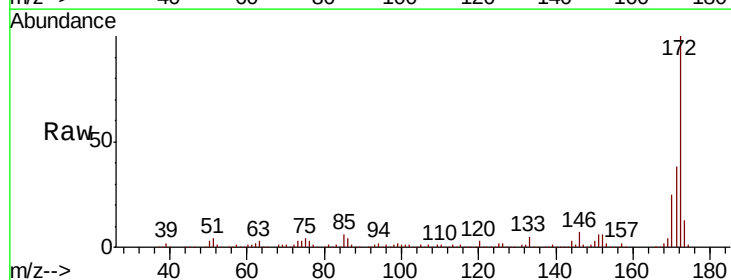


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

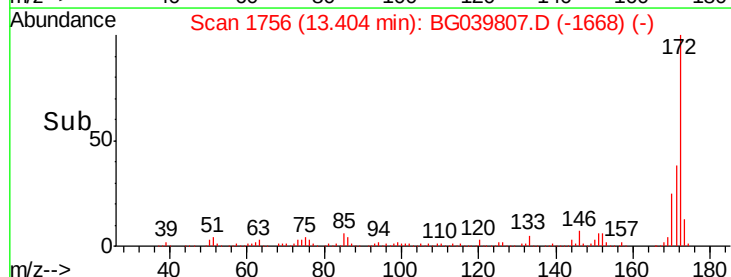
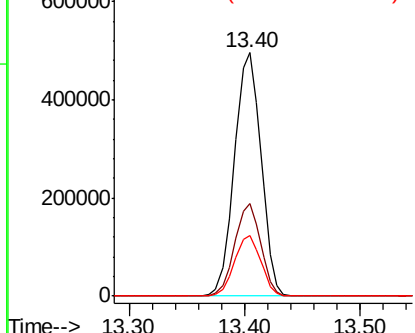


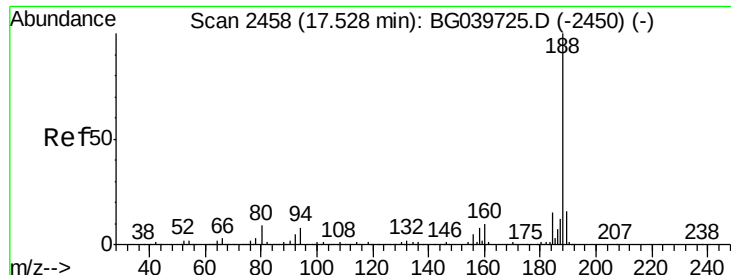
#45
 2-Fluorobiphenyl
 Concen: 81.306 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039807.D
 Acq: 7 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	24.8	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

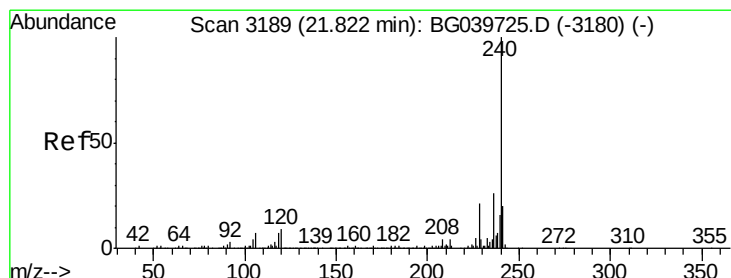
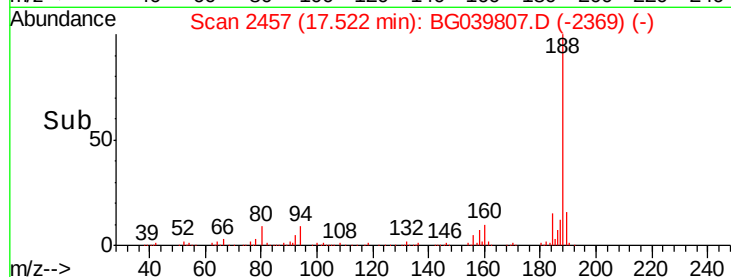
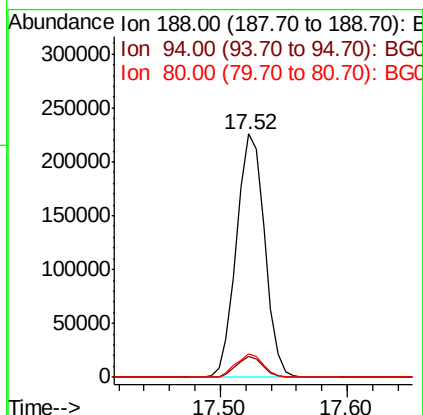
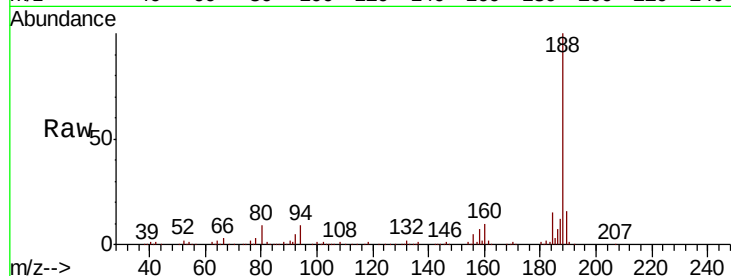




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

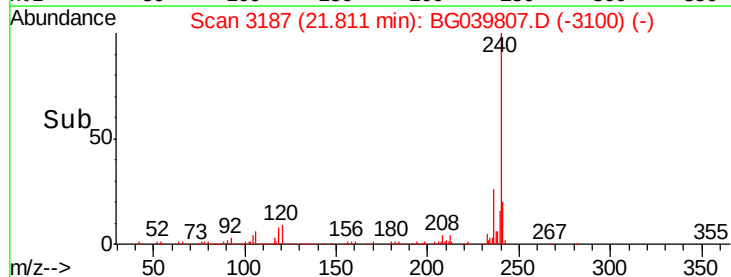
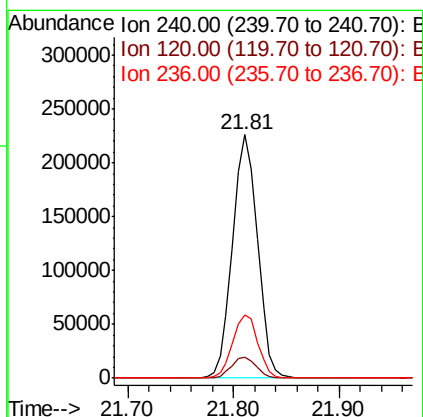
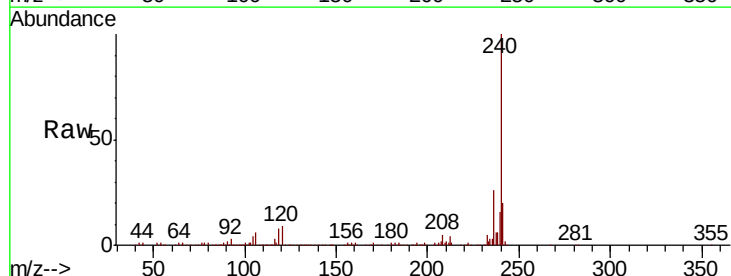
Instrument :
BNA_G
ClientSampleId :
PB117706BL

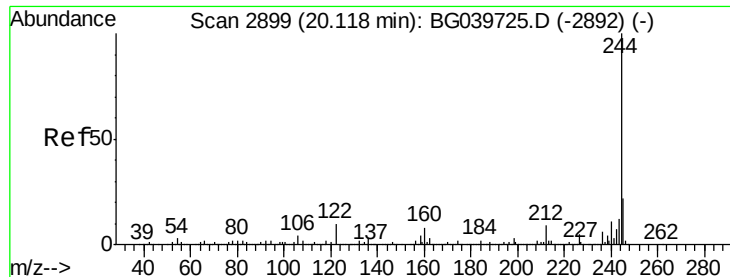
Tot Ion:188 Resp: 347521
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039807.D
Acq: 7 Mar 2019 18:08

Tgt Ion:240 Resp: 368556
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 80.097 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

Instrument :

BNA_G

ClientSampleId :

PB117706BL

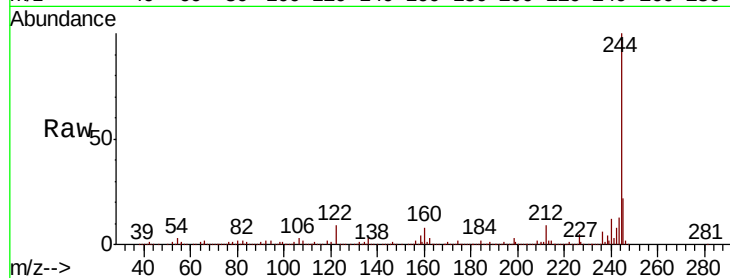
Tot Ion:244 Resp: 1340725

Ion Ratio Lower Upper

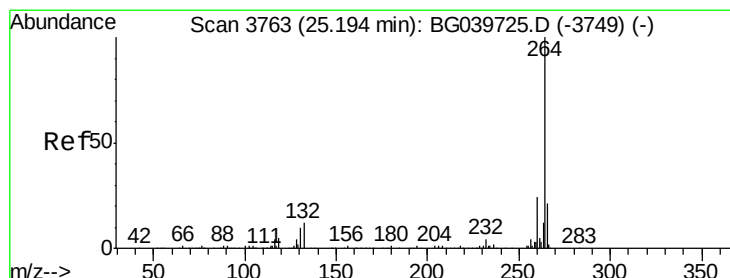
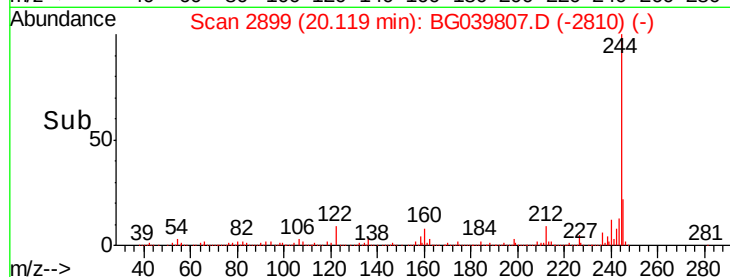
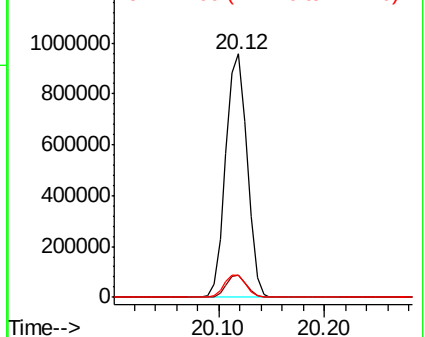
244 100

212 8.9 7.3 10.9

122 9.4 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# 3761

Delta R.T. -0.02 min

Lab File: BG039807.D

Acq: 7 Mar 2019 18:08

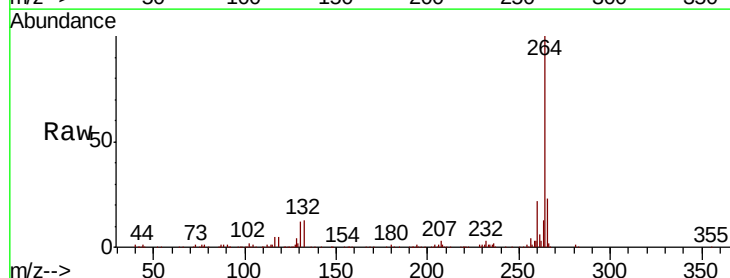
Tgt Ion:264 Resp: 364617

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 23.2 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

