

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039939.D
 Acq On : 15 Mar 2019 13:33
 Operator : JU/SJ
 Sample : PB117948BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BL

Quant Time: Mar 16 04:22:09 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	38488	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	159230	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110018	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	288788	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	322636	20.00	ng	-0.02
87) Perylene-d12	25.17	264	320824	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	263549	116.82	ng	-0.02
7) Phenol-d6	7.29	99	376825	112.02	ng	-0.02
23) Nitrobenzene-d5	9.33	82	226666	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	156272	121.86	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	590944	76.48	ng	-0.02
79) Terphenyl-d14	20.11	244	1061102	72.41	ng	-0.01

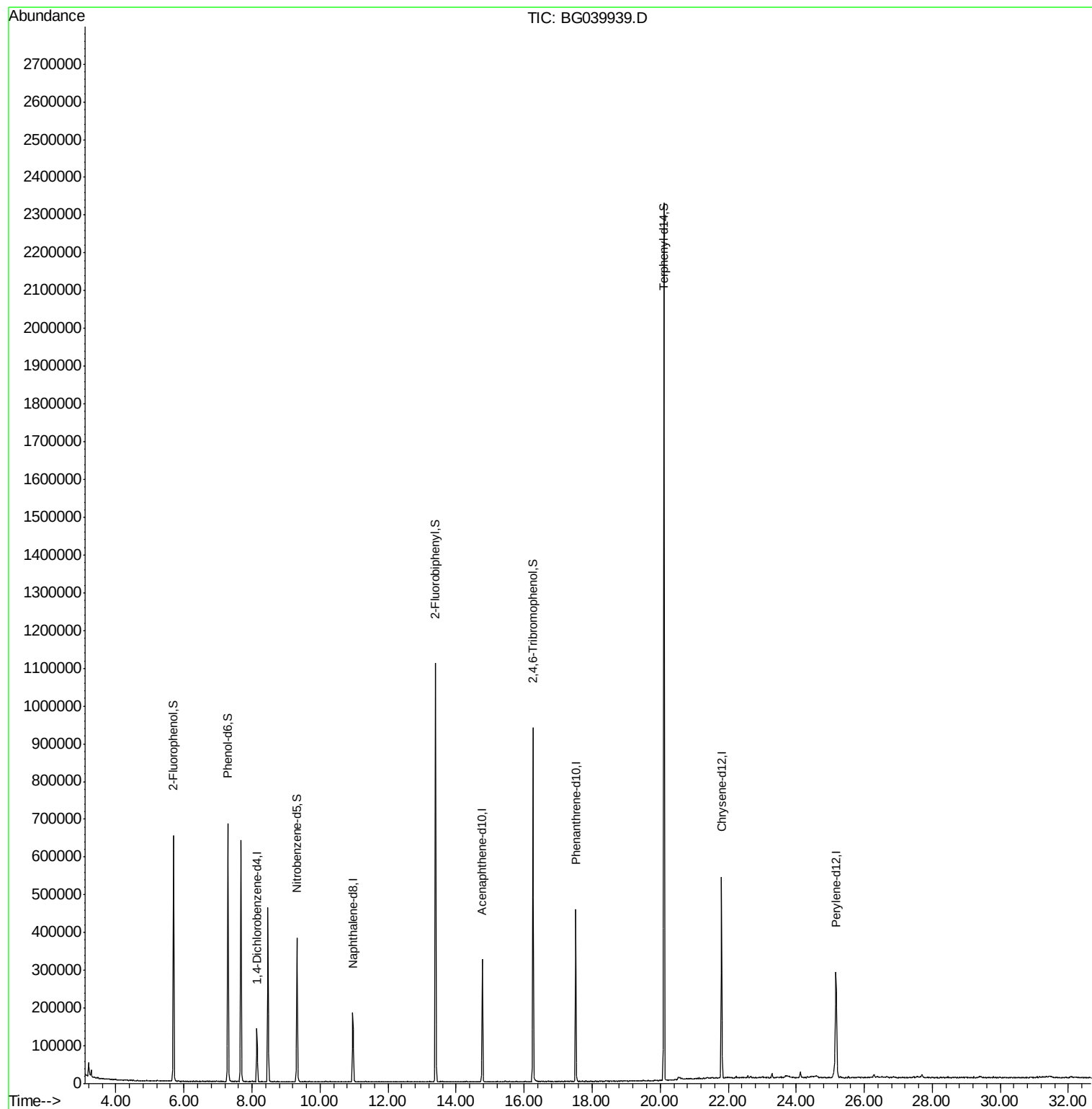
Target Compounds Qvalue

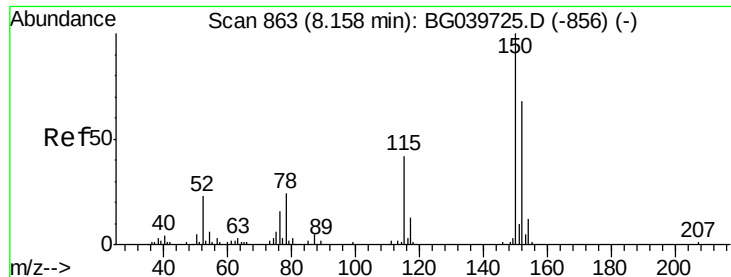
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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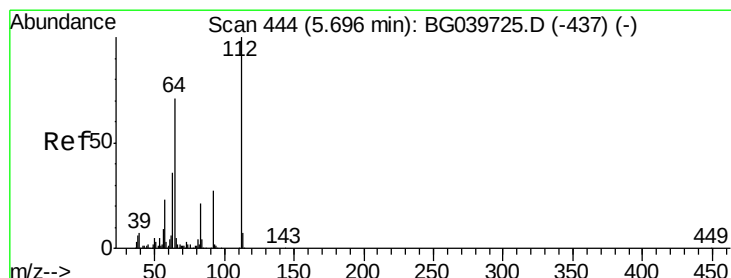
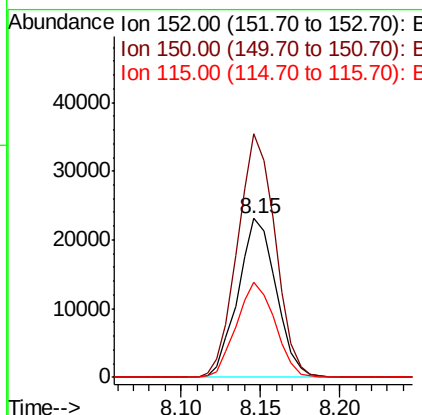
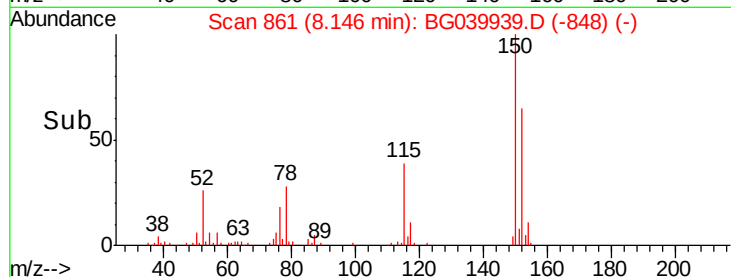
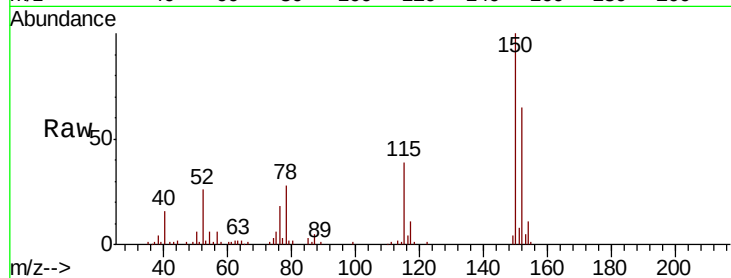


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB117948BL

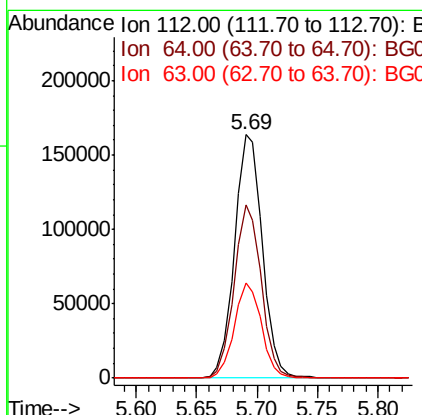
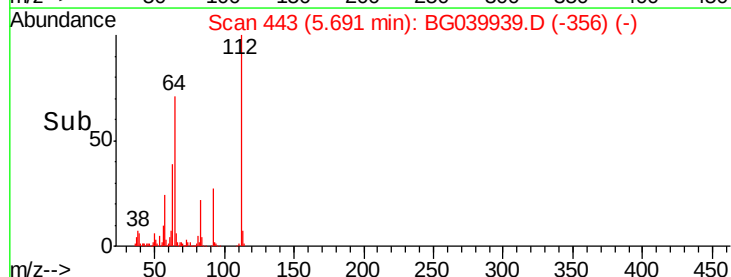
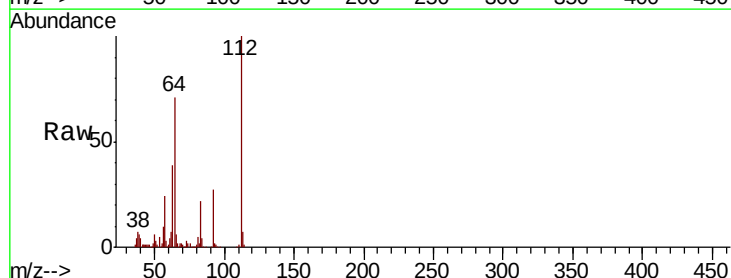
Tot Ion:152 Resp: 38488
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 59.7 45.9 68.9

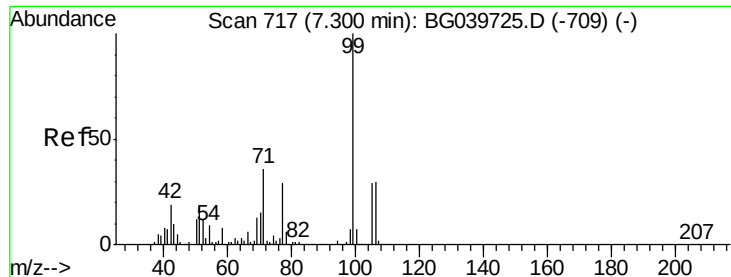


#5

2-Fluorophenol
Concen: 116.820 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Tgt Ion:112 Resp: 263549
Ion Ratio Lower Upper
112 100
64 71.1 57.8 86.8
63 39.1 29.8 44.6





#7

Phenol-d6

Concen: 112.021 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB117948BL

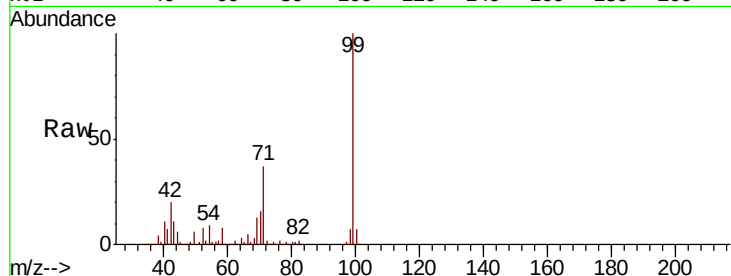
Tot Ion: 99 Resp: 376825

Ion Ratio Lower Upper

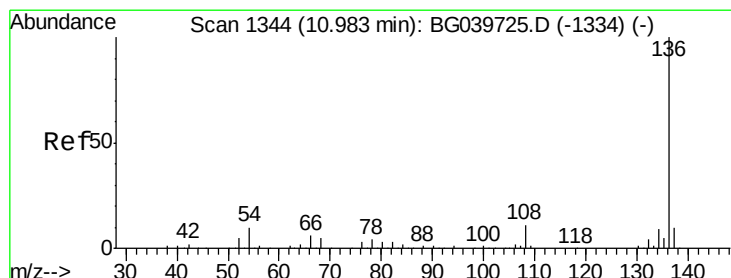
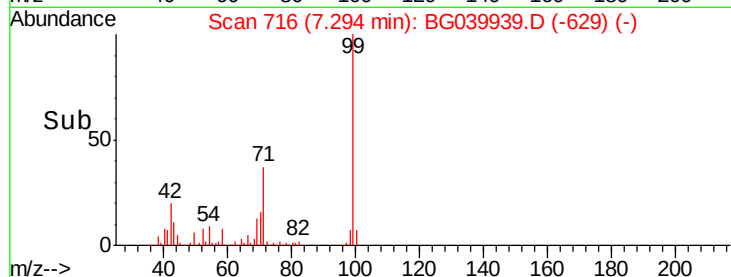
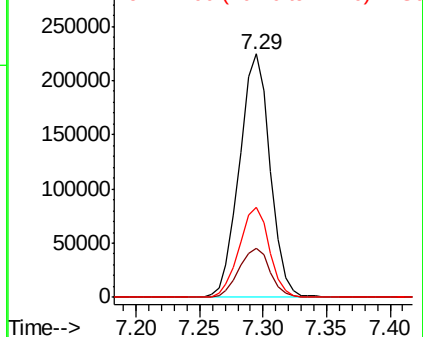
99 100

42 20.0 18.2 27.2

71 37.2 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: BG039939.D

Acq: 15 Mar 2019 13:33

Tgt Ion: 136 Resp: 159230

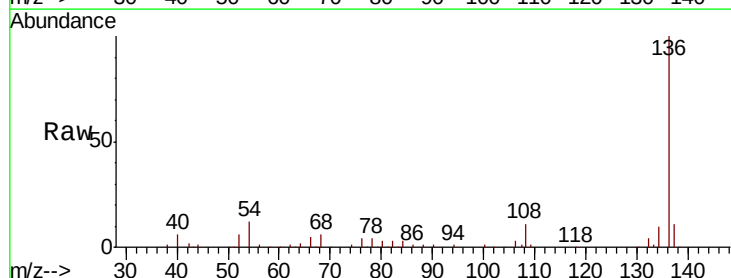
Ion Ratio Lower Upper

136 100

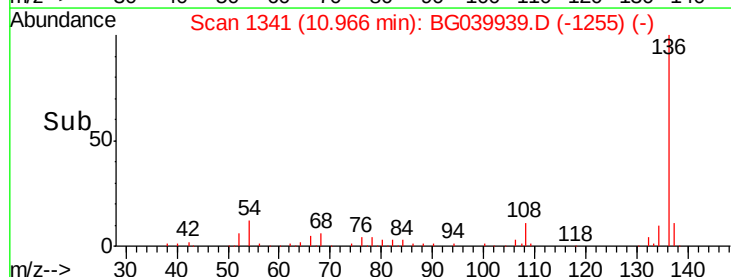
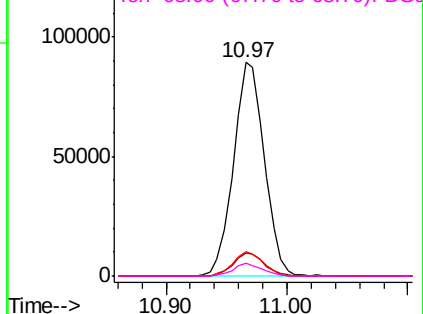
137 10.8 9.1 13.7

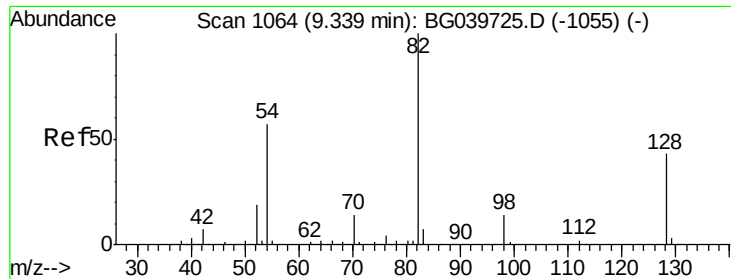
54 11.7 9.4 14.2

68 5.8 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

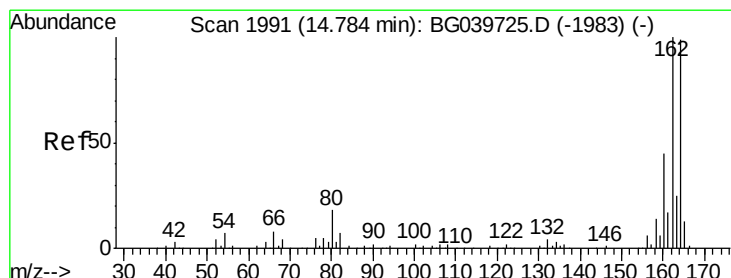
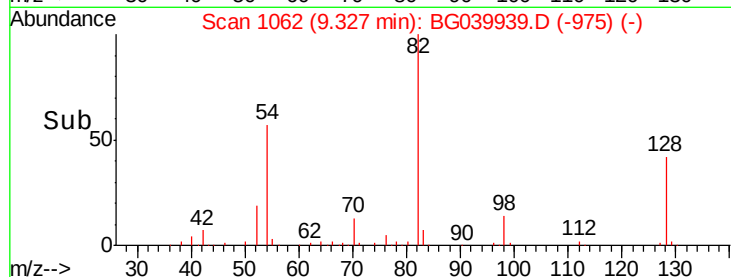
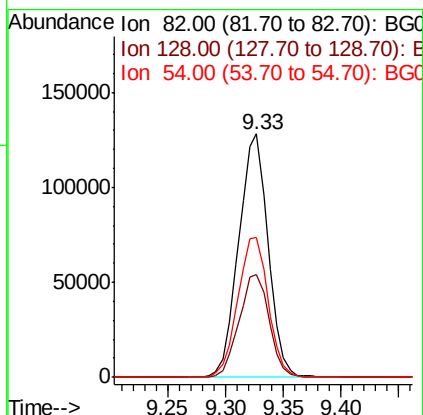
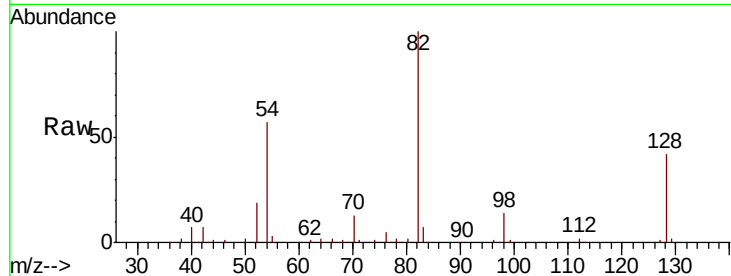




#23
 Nitrobenzene-d5
 Concen: 76.989 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039939.D
 Acq: 15 Mar 2019 13:33

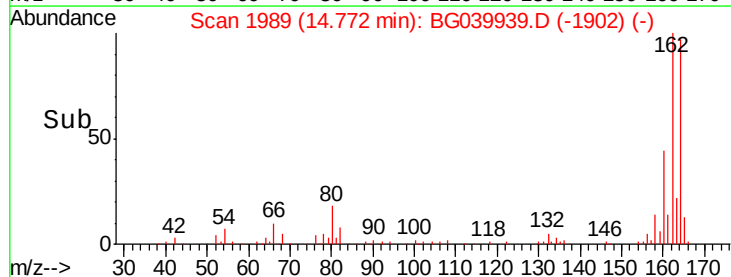
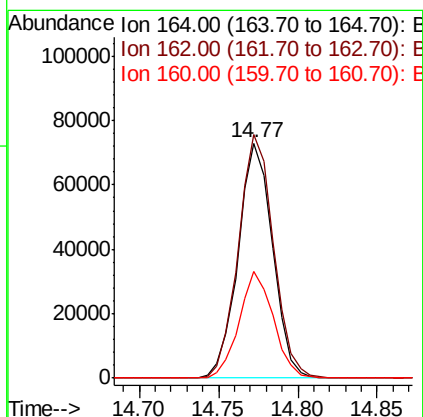
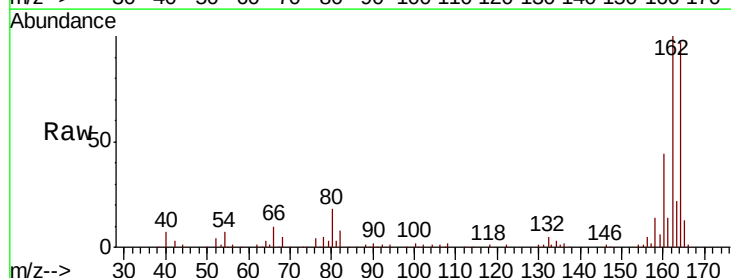
Instrument :
 BNA_G
 ClientSampleId :
 PB117948BL

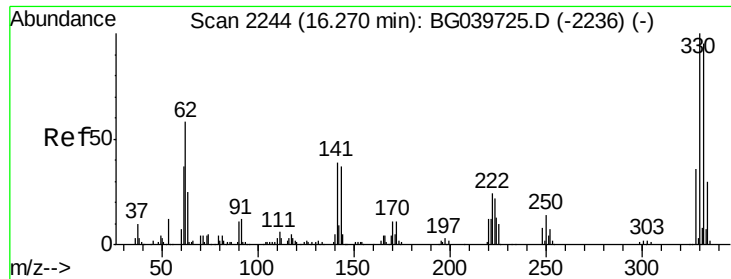
Tot Ion: 82 Resp: 226666
 Ion Ratio Lower Upper
 82 100
 128 42.1 31.3 46.9
 54 57.4 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039939.D
 Acq: 15 Mar 2019 13:33

Tgt Ion:164 Resp: 110018
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.6 122.4
 160 45.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 121.865 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB117948BL

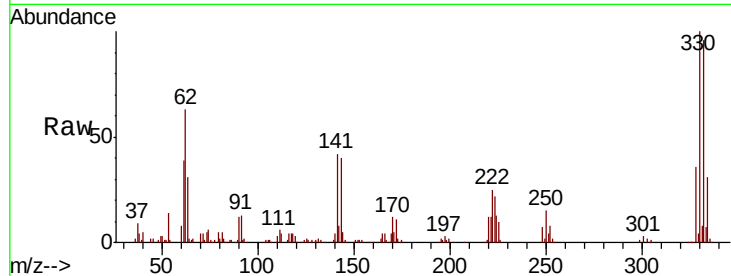
Tot Ion:330 Resp: 156272

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

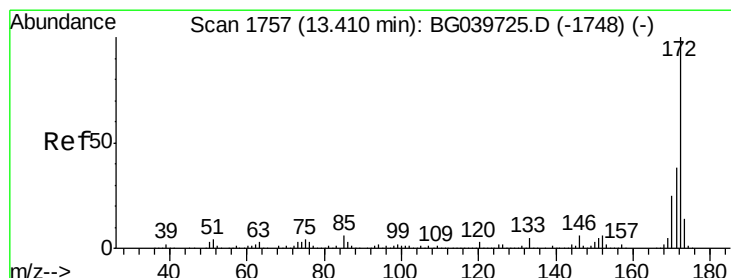
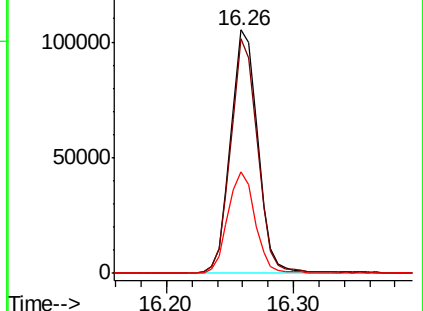
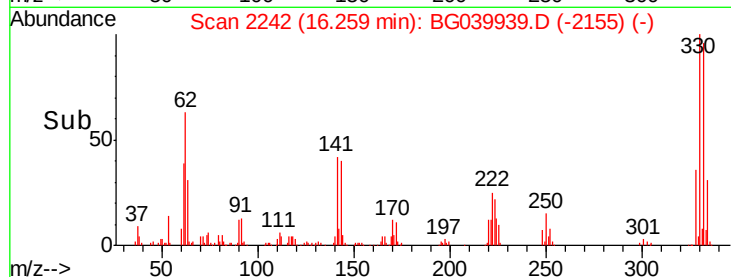
141 41.8 35.6 53.4



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: 76.479 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

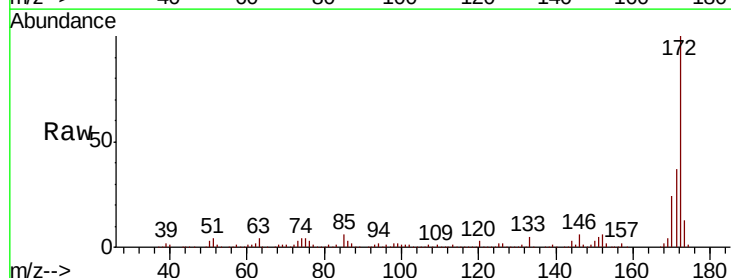
Tgt Ion:172 Resp: 590944

Ion Ratio Lower Upper

172 100

171 36.6 30.8 46.2

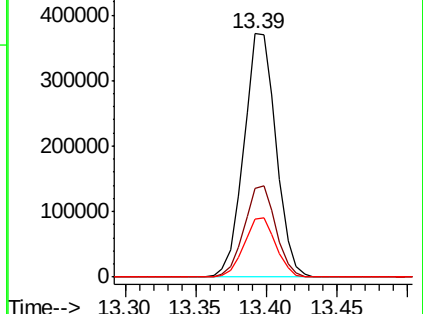
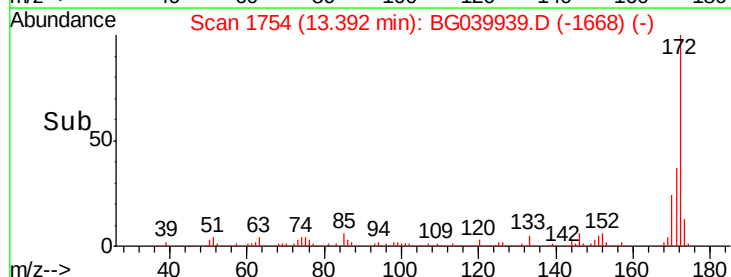
170 24.0 20.2 30.4

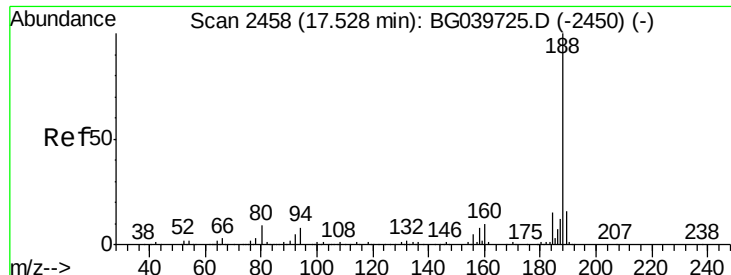


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

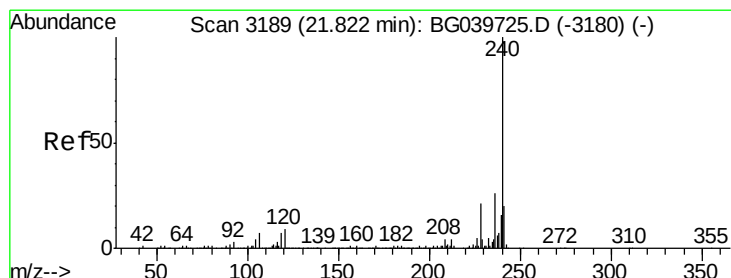
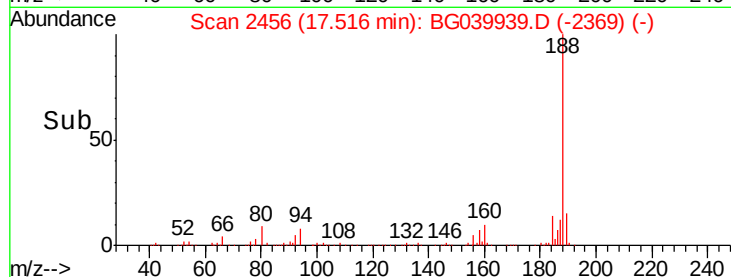
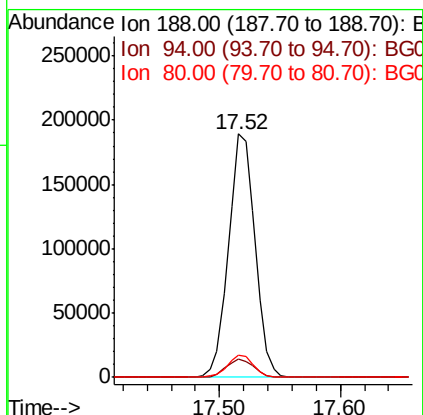
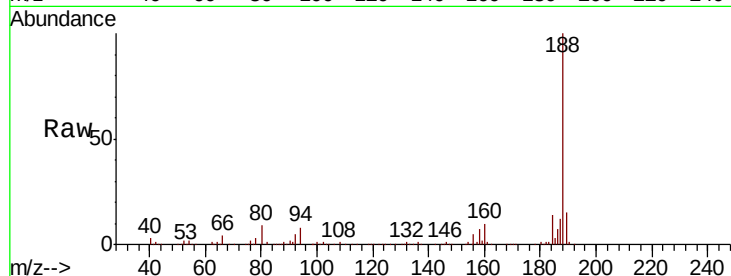




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

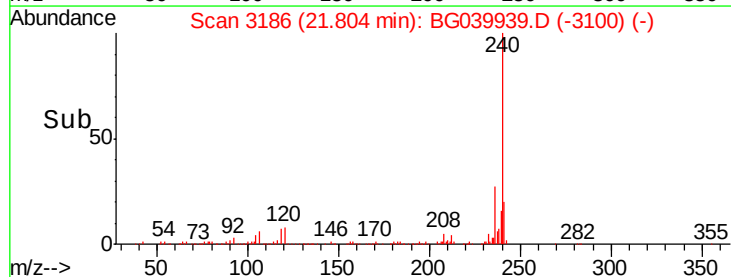
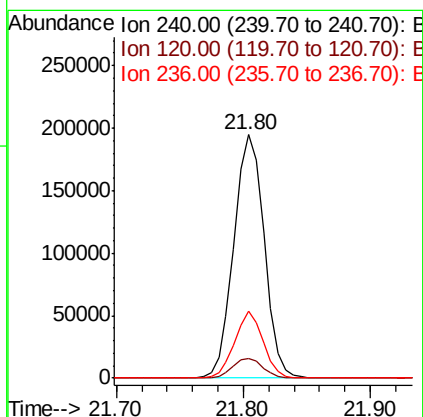
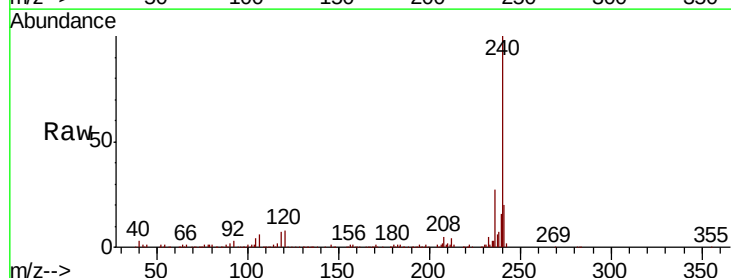
Instrument :
BNA_G
ClientSampleId :
PB117948BL

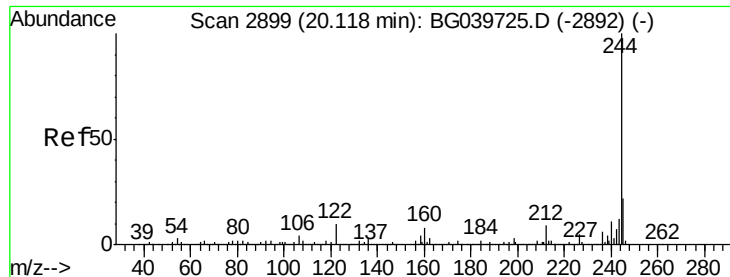
Tot Ion:188 Resp: 288788
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039939.D
Acq: 15 Mar 2019 13:33

Tgt Ion:240 Resp: 322636
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 27.4 21.0 31.4





#79

Terphenyl-d14

Concen: 72.414 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB117948BL

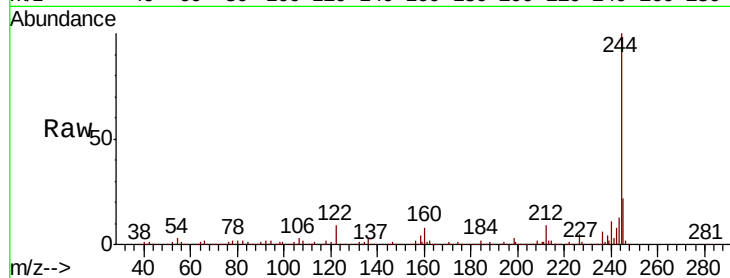
Tot Ion:244 Resp: 1061102

Ion Ratio Lower Upper

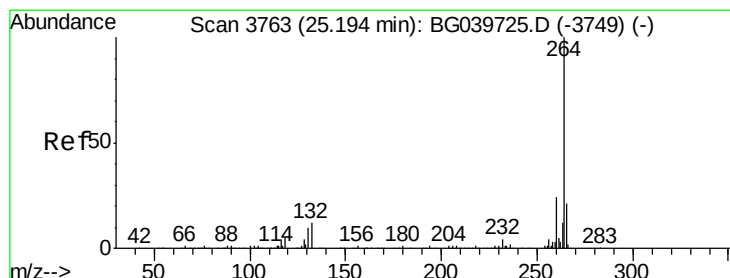
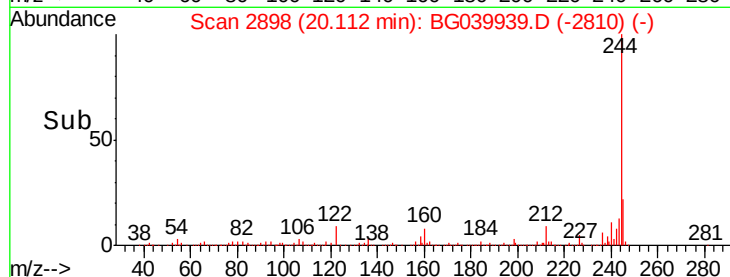
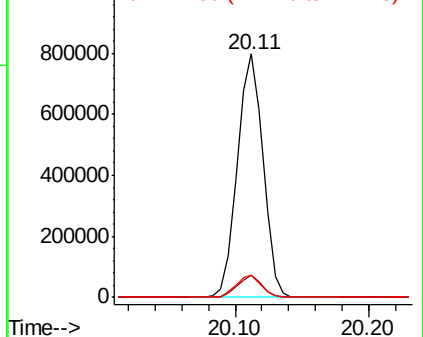
244 100

212 9.0 7.3 10.9

122 9.1 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# 3759

Delta R.T. -0.03 min

Lab File: BG039939.D

Acq: 15 Mar 2019 13:33

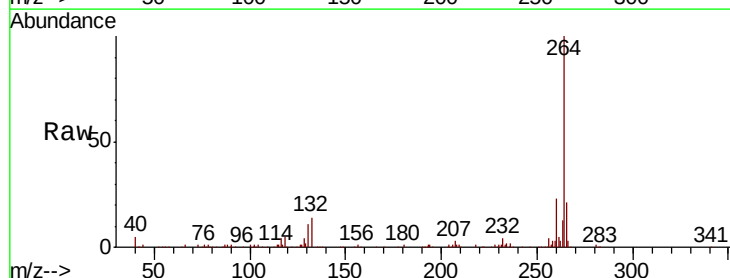
Tgt Ion:264 Resp: 320824

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.3 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

