

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039768.D
 Acq On : 5 Mar 2019 17:26
 Operator : JU/SJ
 Sample : PB117613BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BL

Quant Time: Mar 06 00:51:50 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	8.16	152	43844	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	180793	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127687	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	335210	20.00	ng	0.00
76) Chrysene-d12	21.82	240	367258	20.00	ng	-0.01
87) Perylene-d12	25.19	264	358181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336997	131.13	ng	0.00
7) Phenol-d6	7.30	99	487953	127.34	ng	-0.01
23) Nitrobenzene-d5	9.33	82	278141	83.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	192008	129.01	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	735422	82.01	ng	-0.01
79) Terphenyl-d14	20.12	244	1300488	77.97	ng	0.00

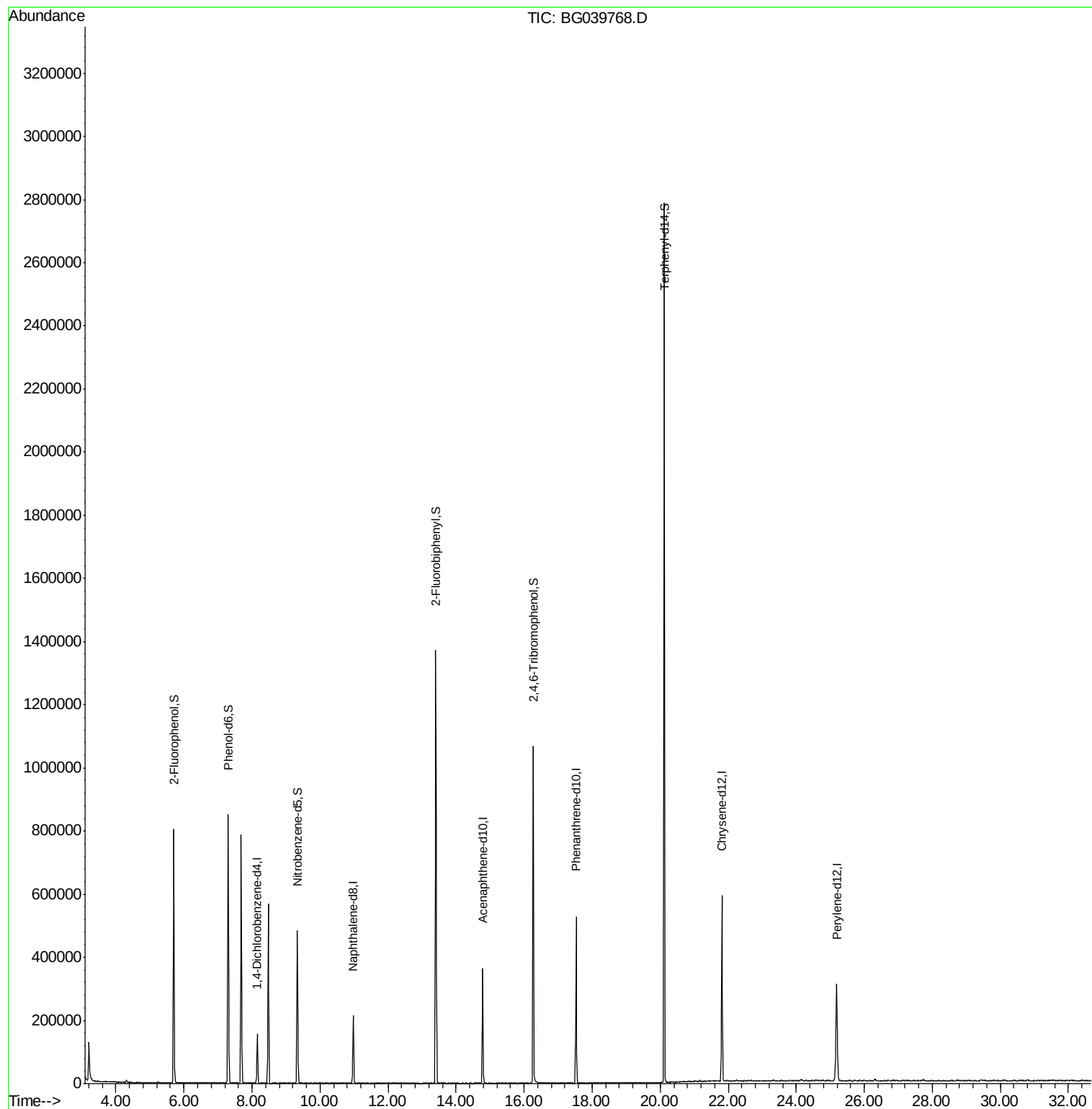
Target Compounds Qvalue

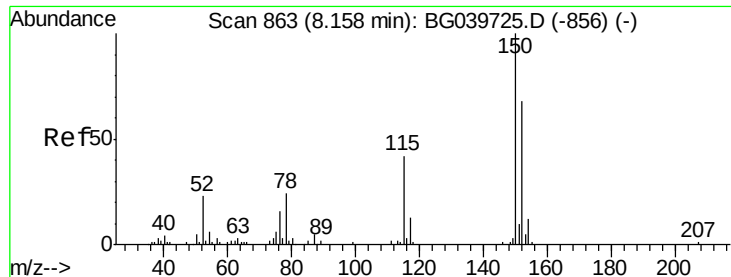
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039768.D
Acq On : 5 Mar 2019 17:26
Operator : JU/SJ
Sample : PB117613BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Quant Time: Mar 06 00:51:50 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



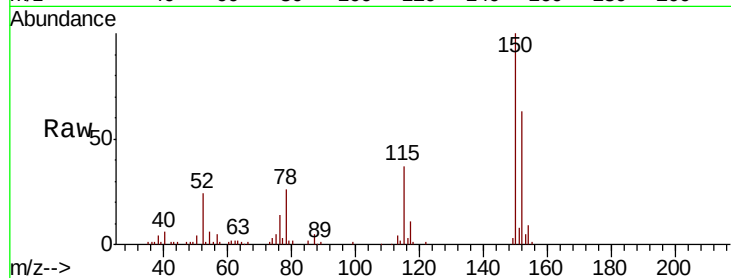


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	59.5	45.9	68.9

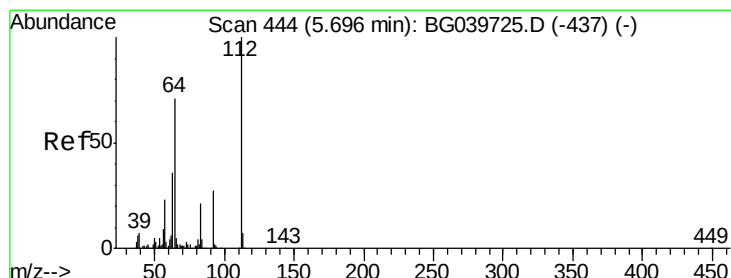
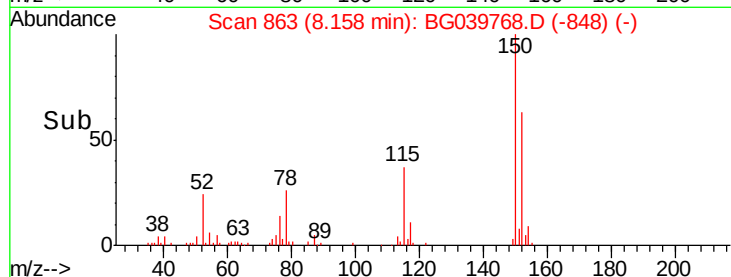
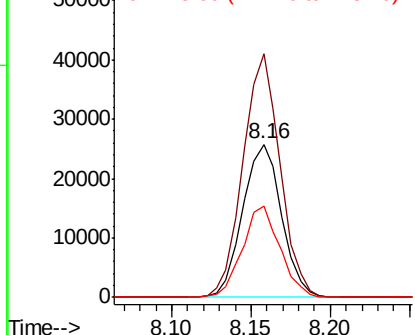


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

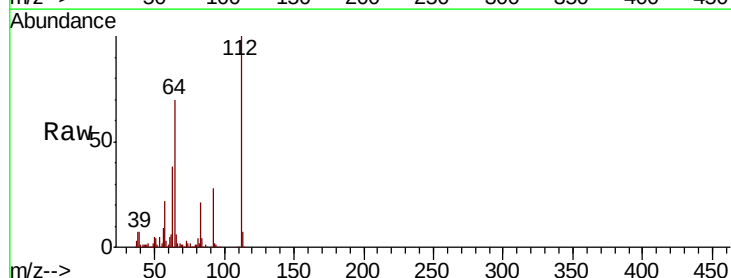
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.129 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	38.0	29.8	44.6

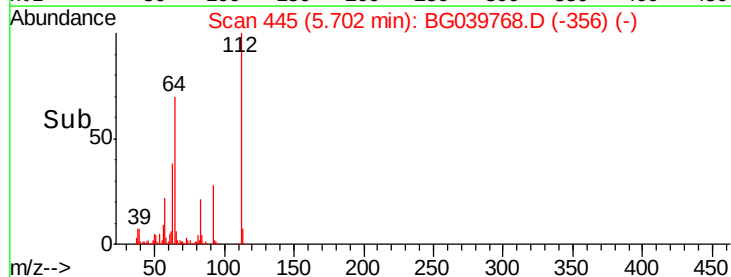
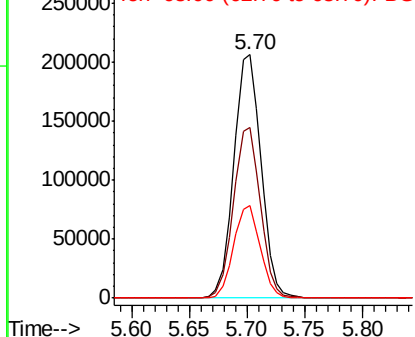


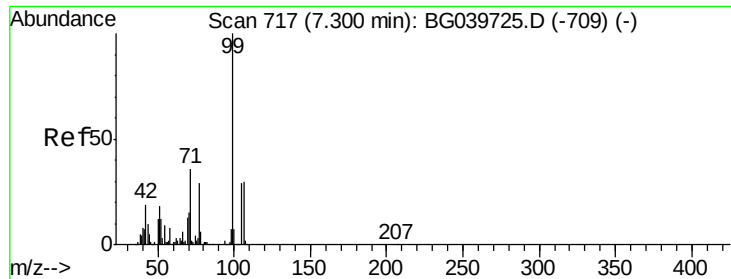
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.337 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

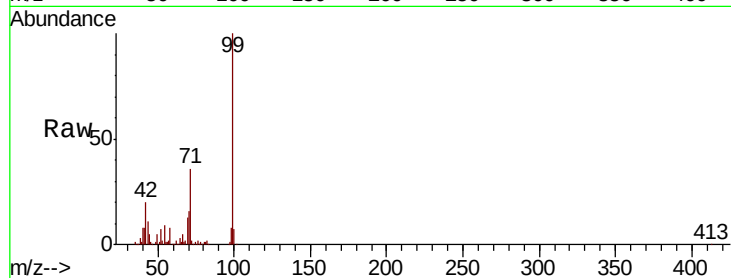
Tot Ion: 99 Resp: 487953

Ion Ratio Lower Upper

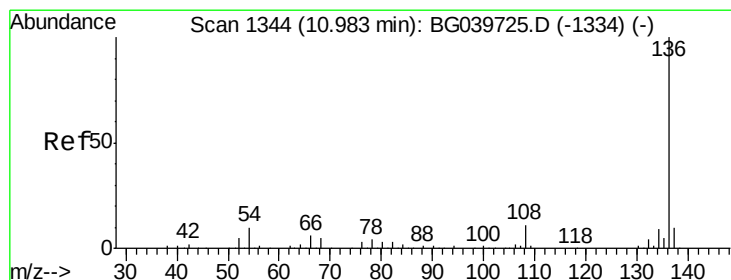
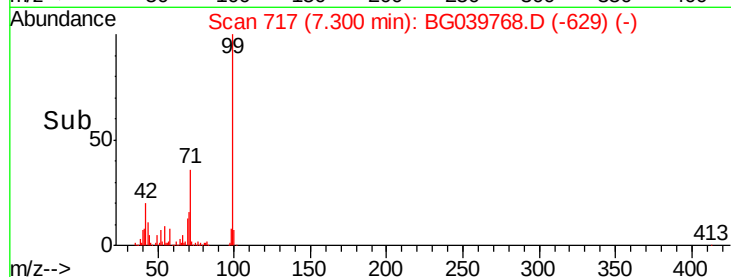
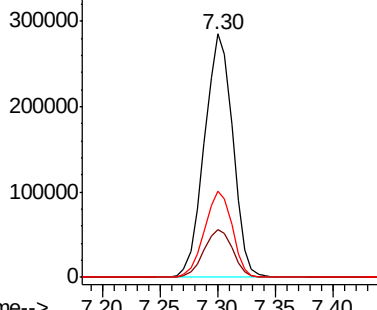
99 100

42 19.6 18.2 27.2

71 35.6 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: BG039768.D

Acq: 5 Mar 2019 17:26

Tgt Ion: 136 Resp: 180793

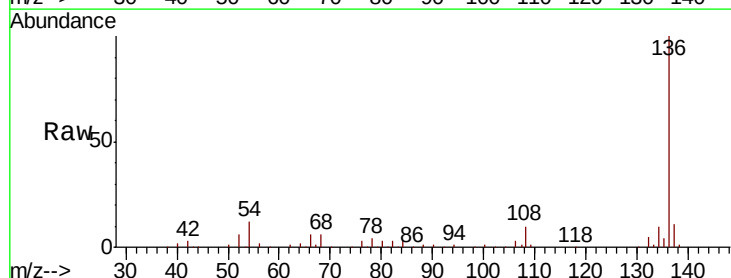
Ion Ratio Lower Upper

136 100

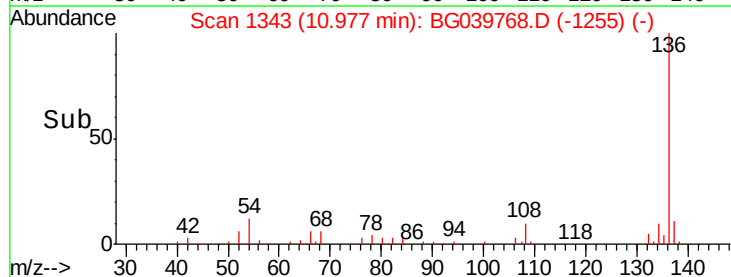
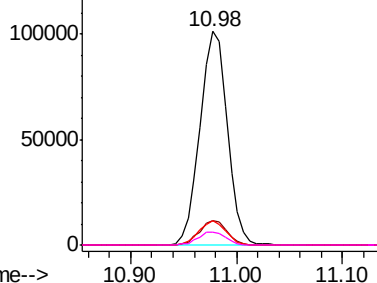
137 11.2 9.1 13.7

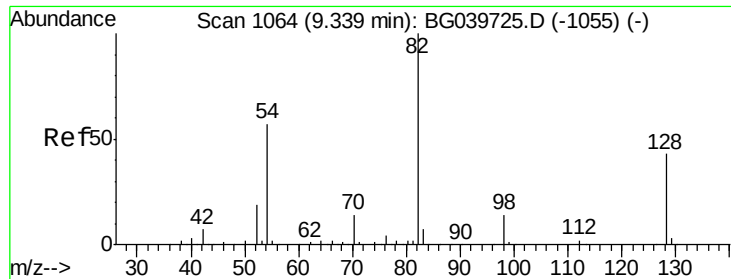
54 11.5 9.4 14.2

68 5.9 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

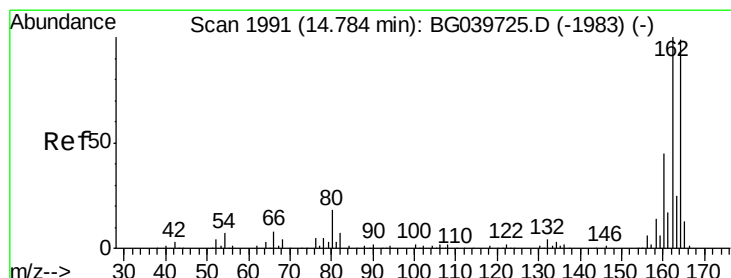
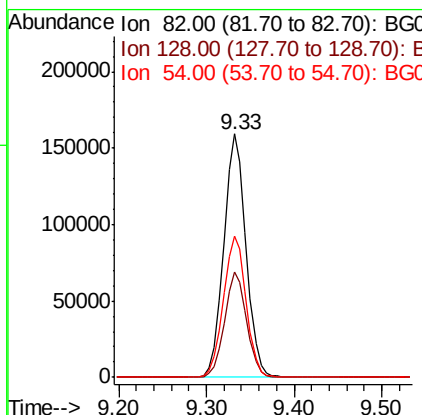
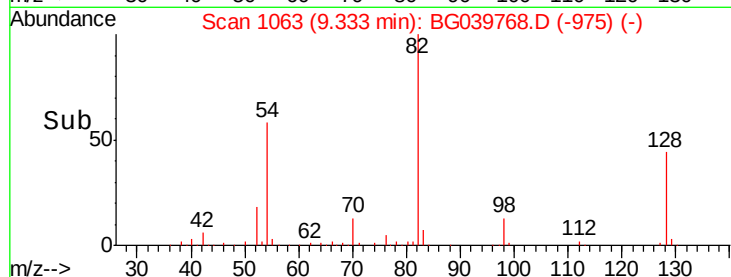
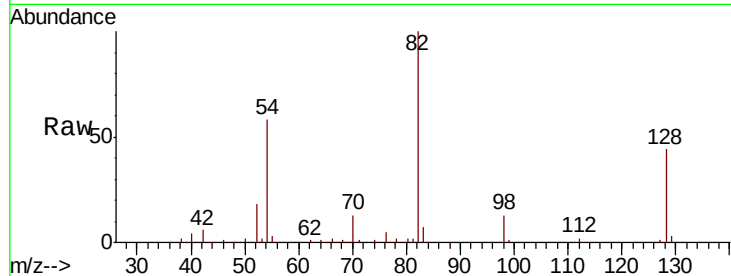




#23
Nitrobenzene-d5
Concen: 83.206 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

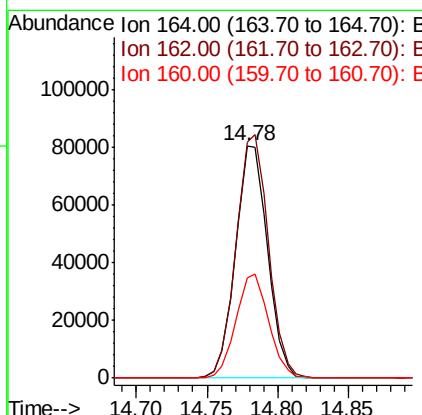
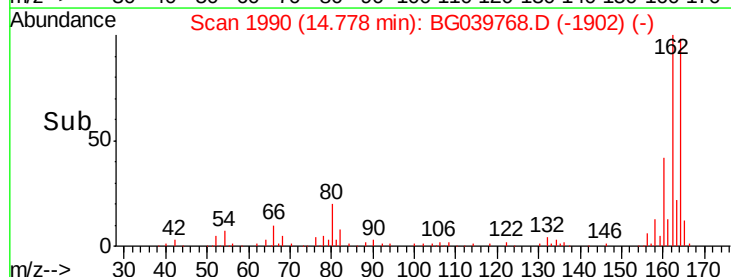
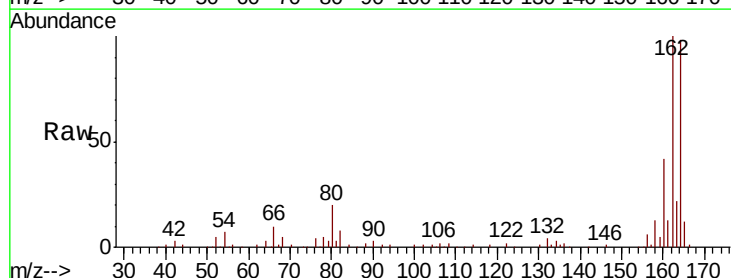
Instrument :
BNA_G
ClientSampleId :
PB117613BL

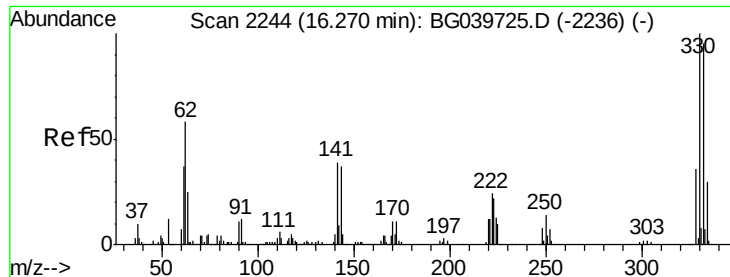
Tot Ion: 82 Resp: 278141
Ion Ratio Lower Upper
82 100
128 43.5 31.3 46.9
54 57.9 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion:164 Resp: 127687
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 43.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 129.013 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

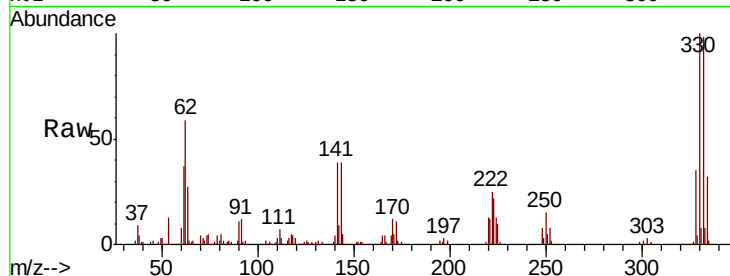
Tot Ion:330 Resp: 192008

Ion Ratio Lower Upper

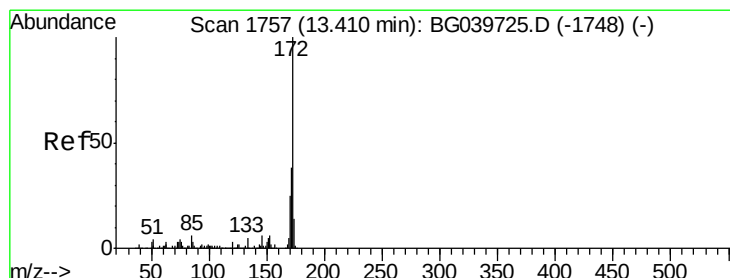
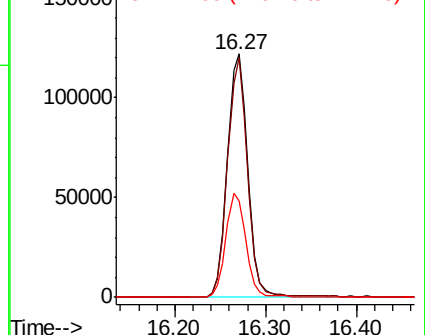
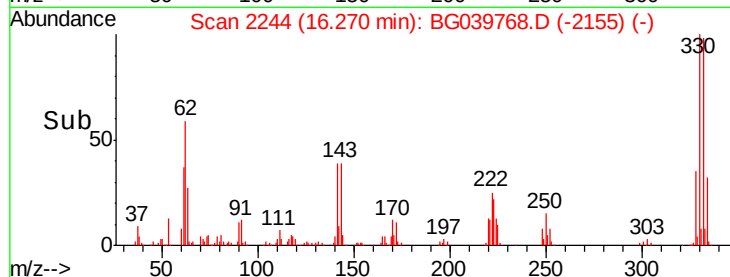
330 100

332 95.4 75.7 113.5

141 41.7 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: 82.006 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

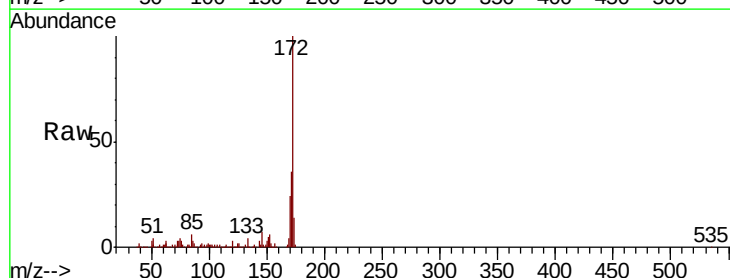
Tgt Ion:172 Resp: 735422

Ion Ratio Lower Upper

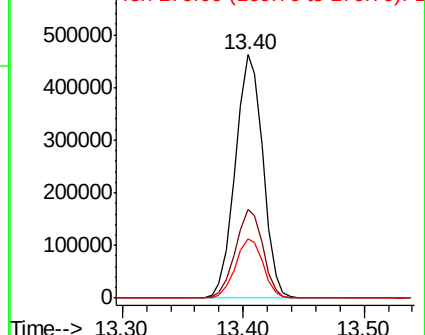
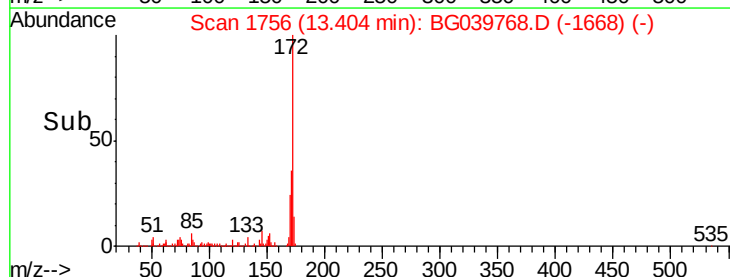
172 100

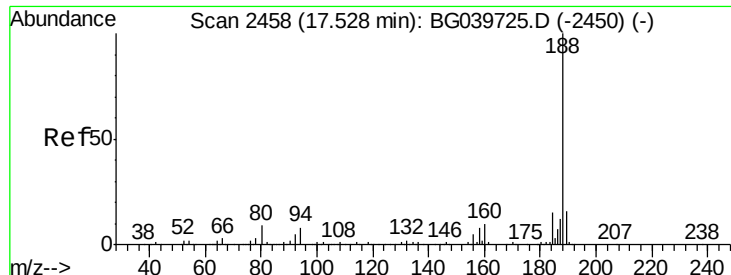
171 36.3 30.8 46.2

170 24.3 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

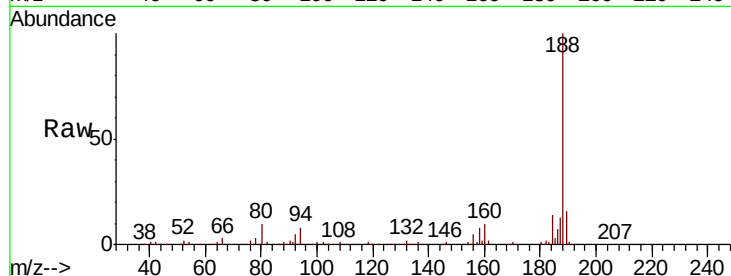




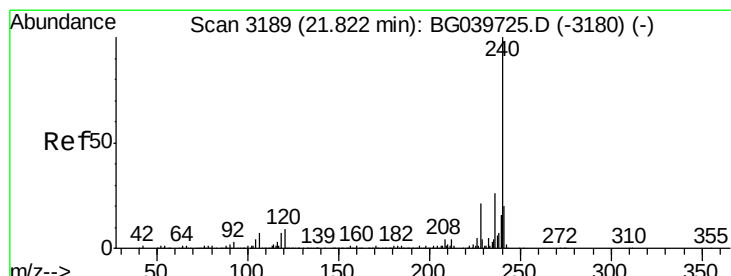
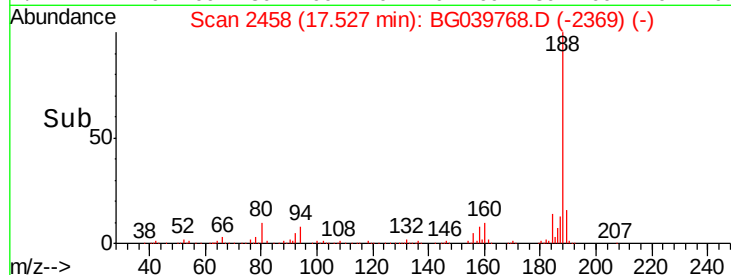
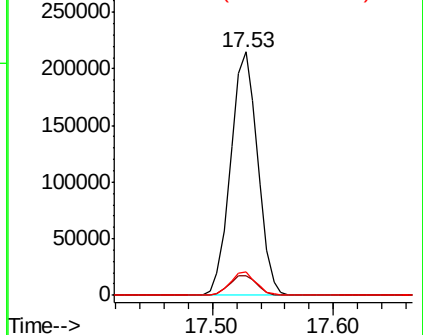
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Instrument :
BNA_G
ClientSampleId :
PB117613BL

Tot Ion:188 Resp: 335210
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.7 8.1 12.1

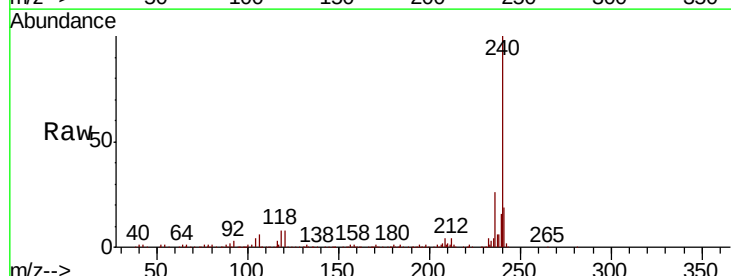


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

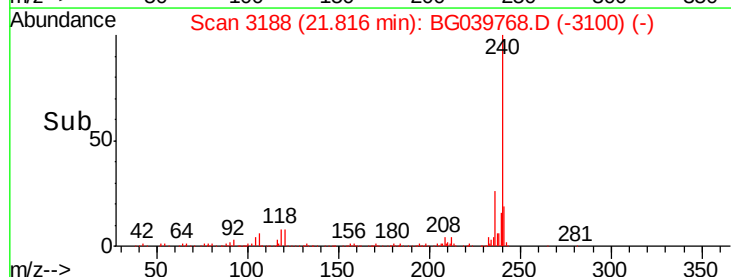
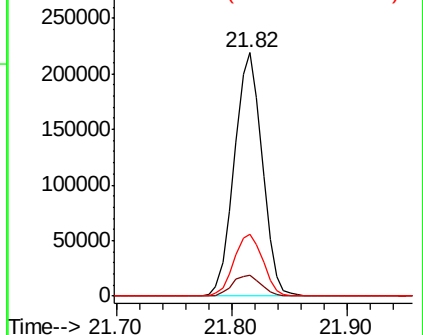


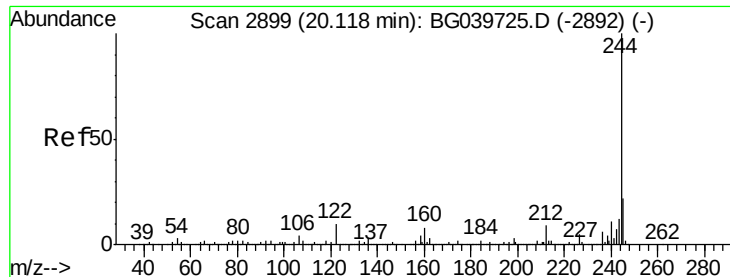
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039768.D
Acq: 5 Mar 2019 17:26

Tgt Ion:240 Resp: 367258
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.6 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: 77.968 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

Instrument :

BNA_G

ClientSampleId :

PB117613BL

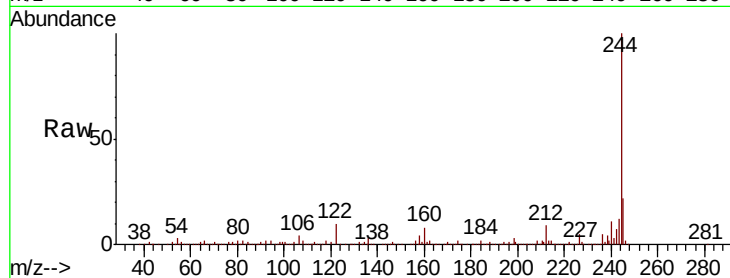
Tot Ion:244 Resp: 1300488

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

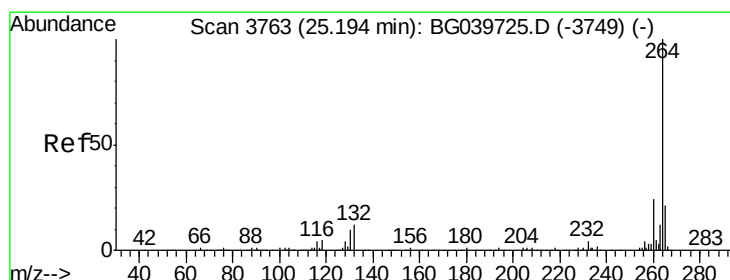
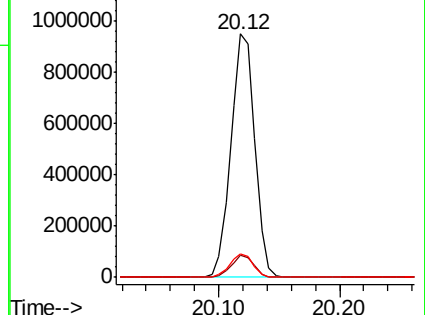
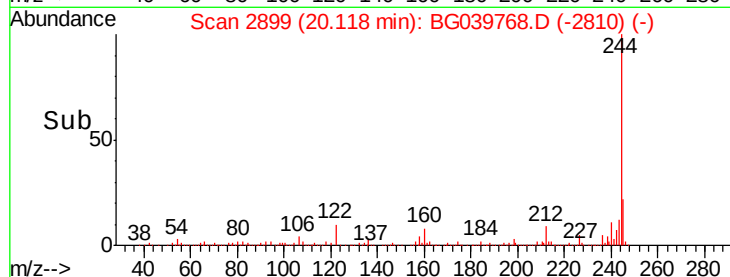
122 9.6 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039768.D

Acq: 5 Mar 2019 17:26

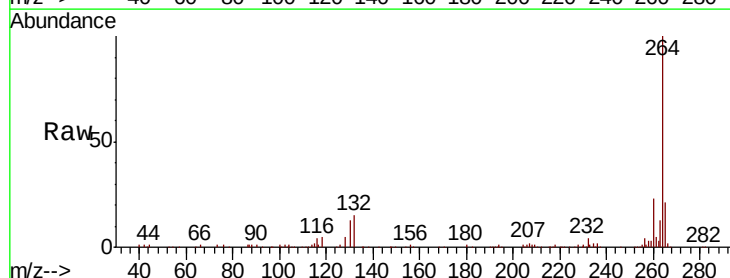
Tgt Ion:264 Resp: 358181

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.1 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

