

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039839.D
 Acq On : 11 Mar 2019 13:16
 Operator : JU/SJ
 Sample : PB117734BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BL

Quant Time: Mar 12 03:44:37 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	8.16	152	42704	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	183727	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	124643	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	329304	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	376276	20.00	ng	-0.02
87) Perylene-d12	25.18	264	362915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	278330	111.19	ng	-0.01
7) Phenol-d6	7.30	99	396401	106.21	ng	-0.01
23) Nitrobenzene-d5	9.33	82	229414	67.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	154206	106.14	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	599705	68.51	ng	-0.01
79) Terphenyl-d14	20.12	244	1117164	65.37	ng	0.00

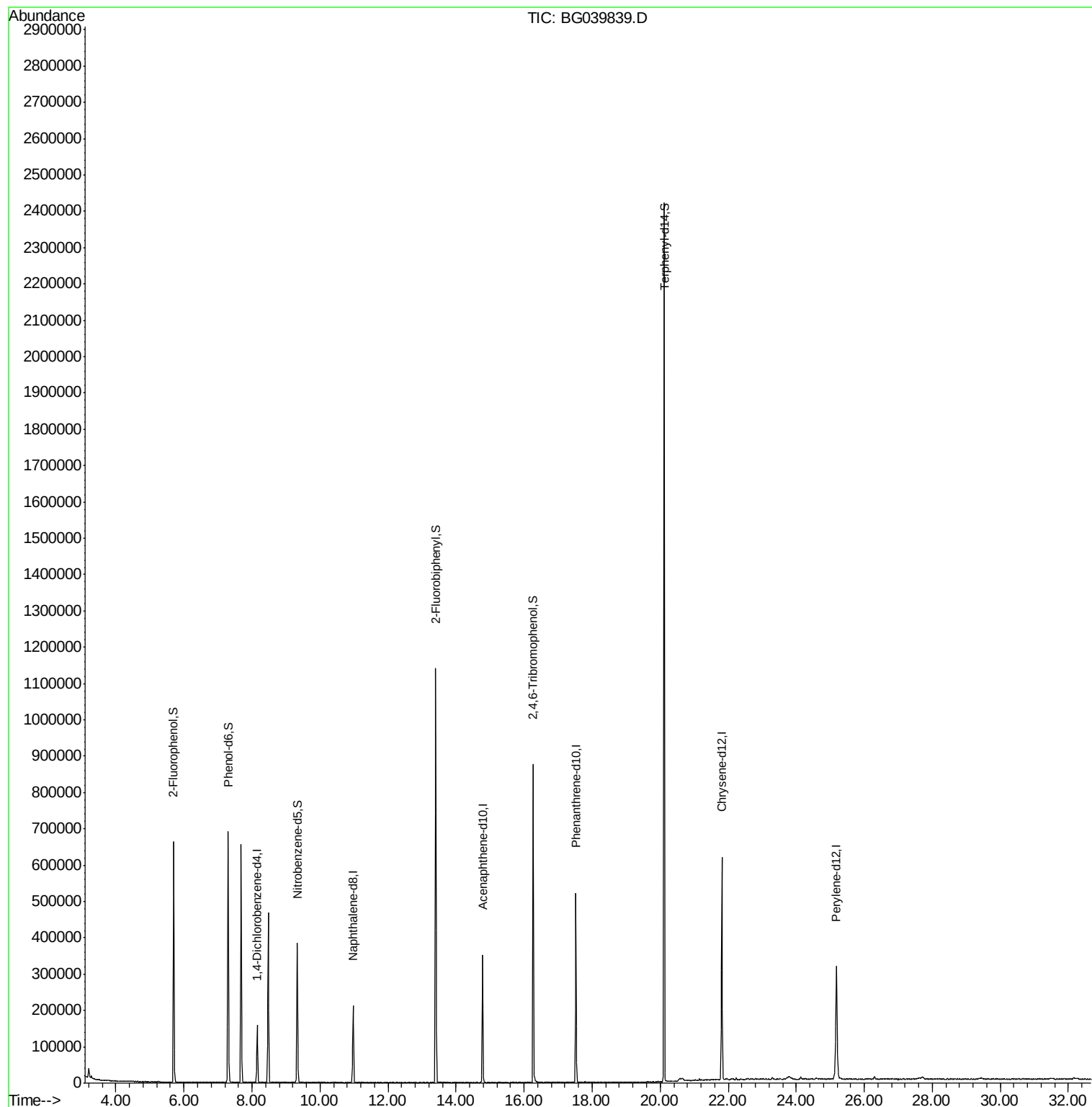
Target Compounds Qvalue

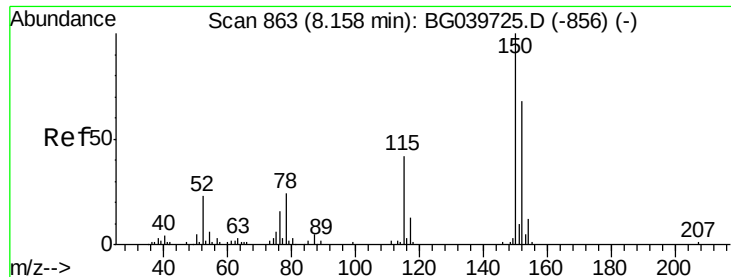
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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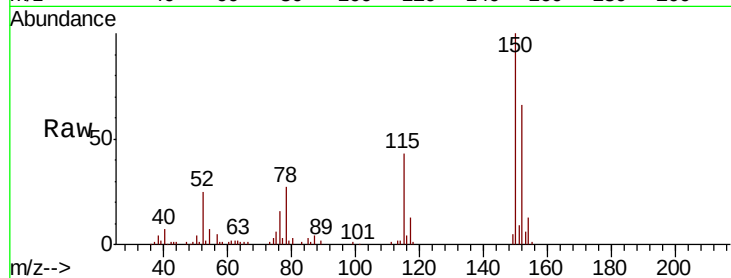


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

Instrument :
BNA_G
ClientSampleId :
PB117734BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.7	185.5
115	65.3	45.9	68.9

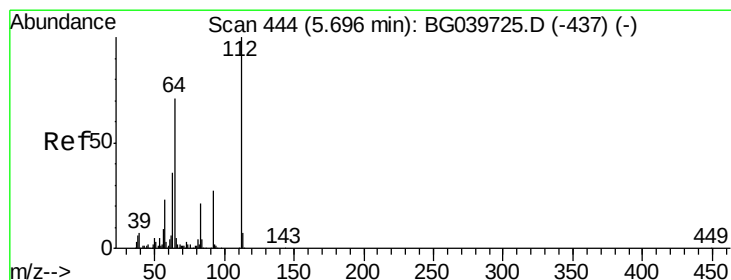
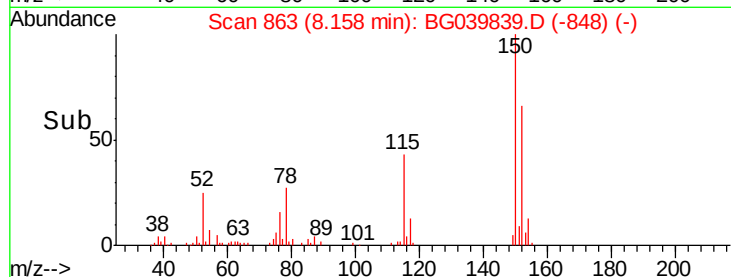
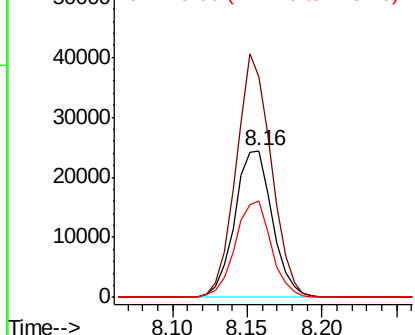


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

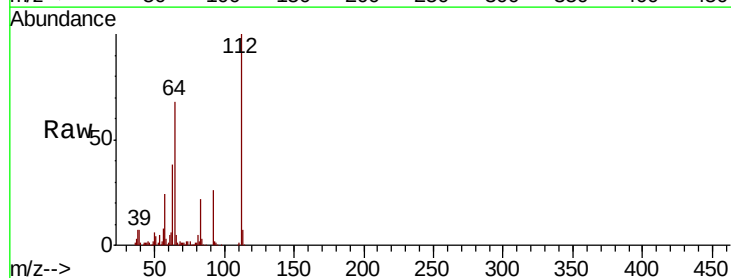
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.192 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	37.5	29.8	44.6

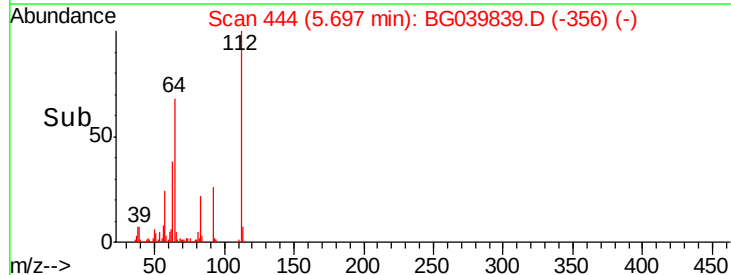
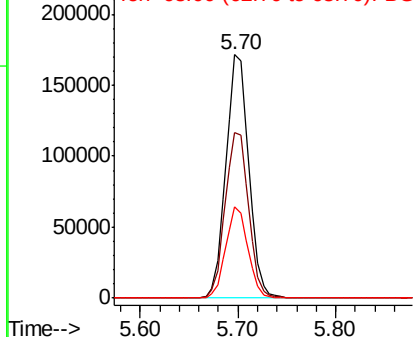


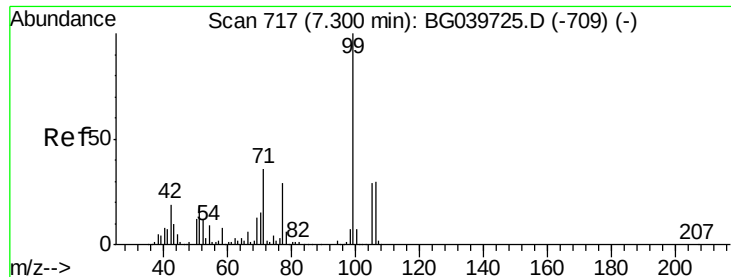
Abundance

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: 106.207 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampleId :

PB117734BL

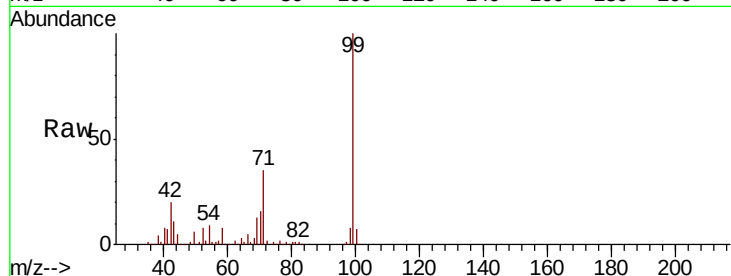
Tot Ion: 99 Resp: 396401

Ion Ratio Lower Upper

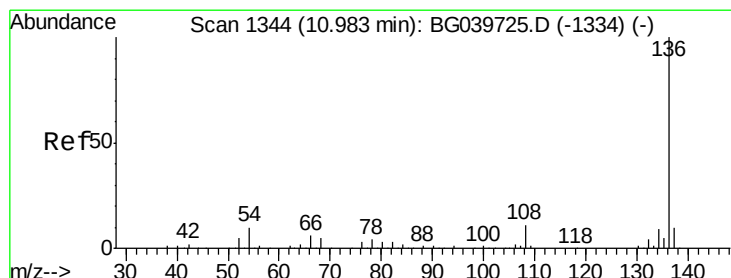
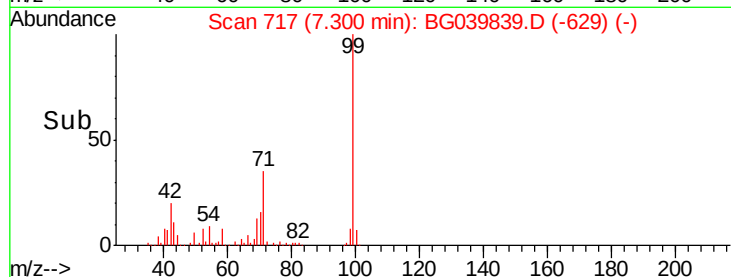
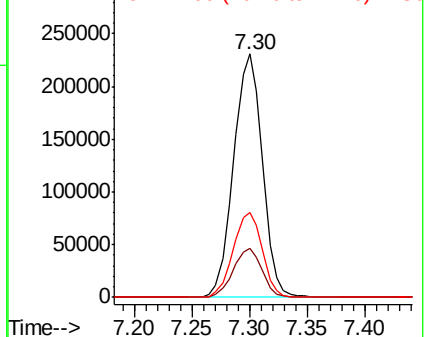
99 100

42 20.3 18.2 27.2

71 34.7 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: BG039839.D

Acq: 11 Mar 2019 13:16

Tgt Ion: 136 Resp: 183727

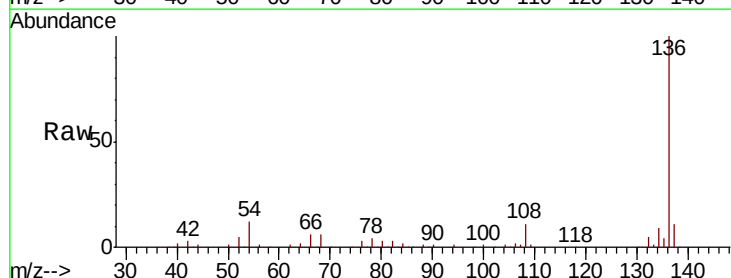
Ion Ratio Lower Upper

136 100

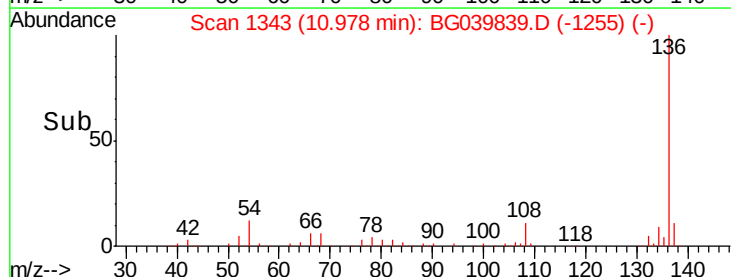
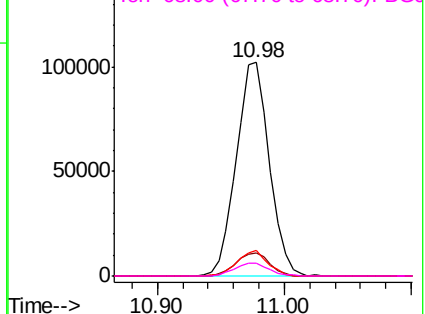
137 11.1 9.1 13.7

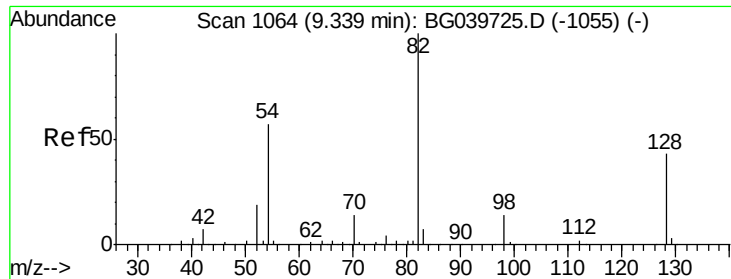
54 12.0 9.4 14.2

68 6.3 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

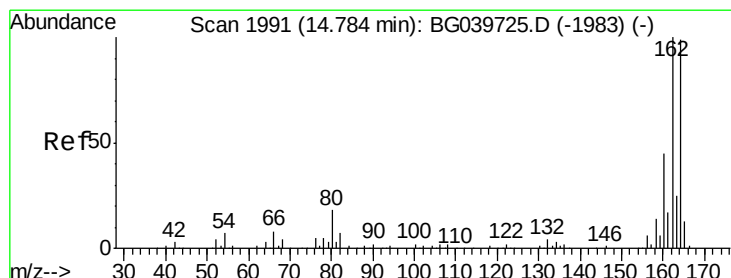
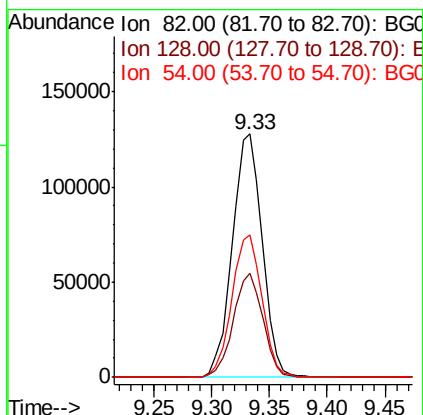
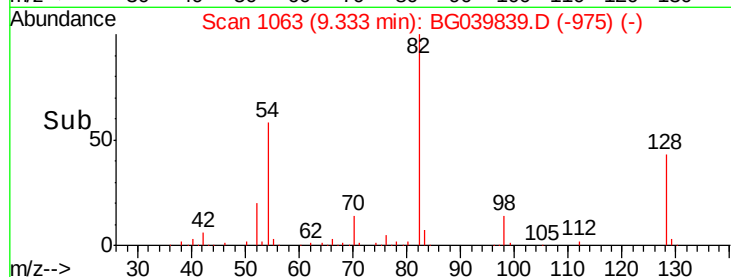
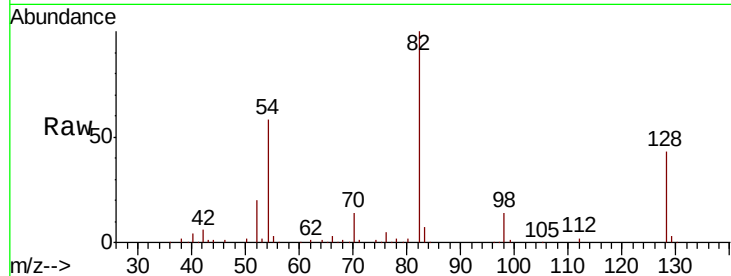




#23
Nitrobenzene-d5
Concen: 67.533 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

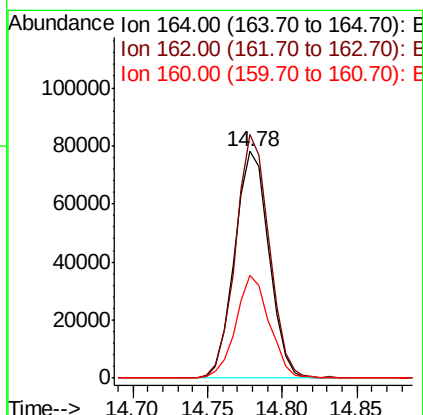
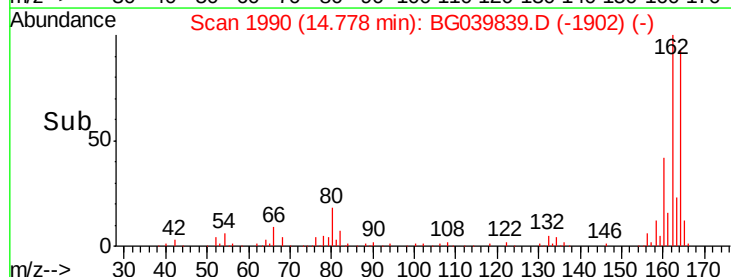
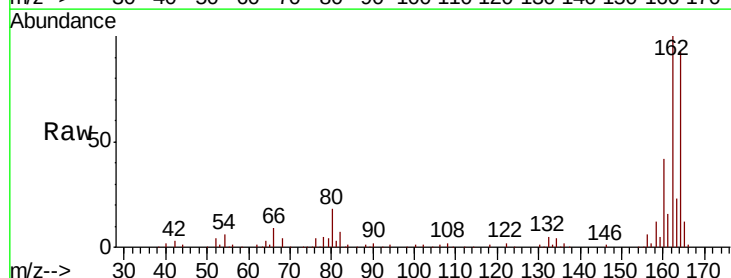
Instrument :
BNA_G
ClientSampleId :
PB117734BL

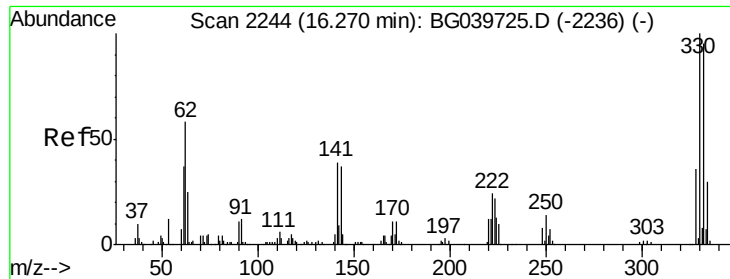
Tot Ion: 82 Resp: 229414
Ion Ratio Lower Upper
82 100
128 42.8 31.3 46.9
54 58.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039839.D
Acq: 11 Mar 2019 13:16

Tgt Ion:164 Resp: 124643
Ion Ratio Lower Upper
164 100
162 107.3 81.6 122.4
160 45.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 106.144 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampleId :

PB117734BL

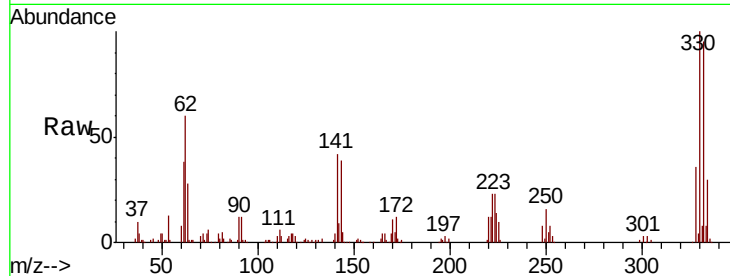
Tot Ion:330 Resp: 154206

Ion Ratio Lower Upper

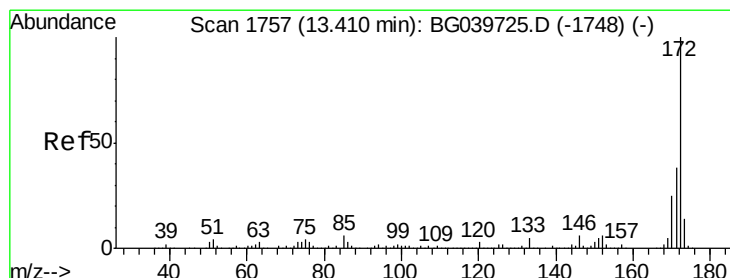
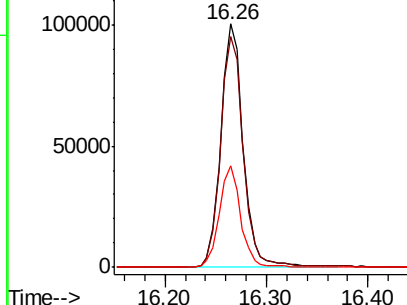
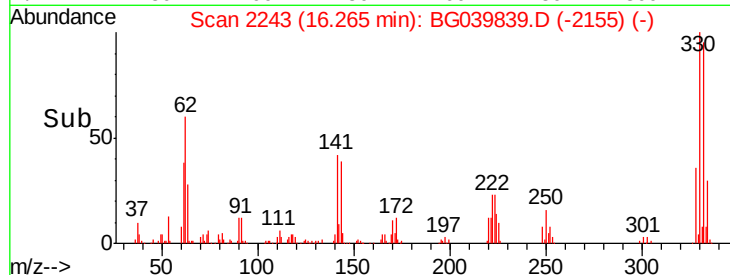
330 100

332 96.7 75.7 113.5

141 39.9 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: 68.506 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

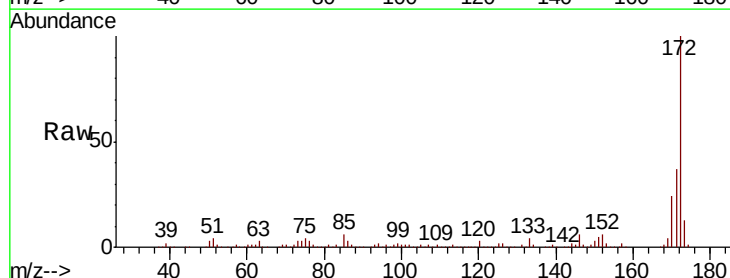
Tgt Ion:172 Resp: 599705

Ion Ratio Lower Upper

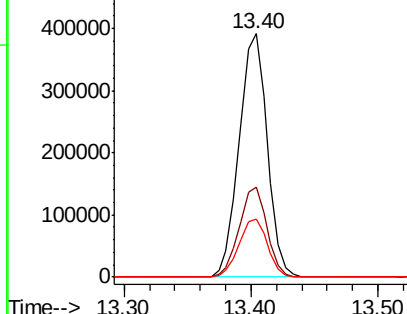
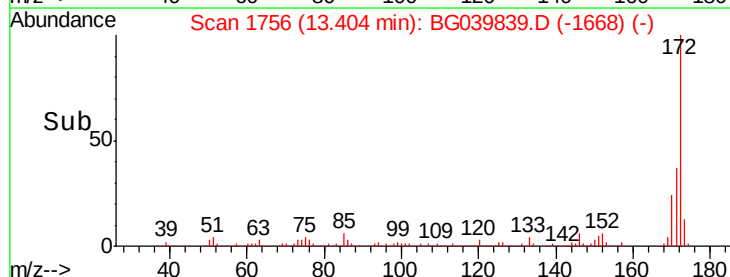
172 100

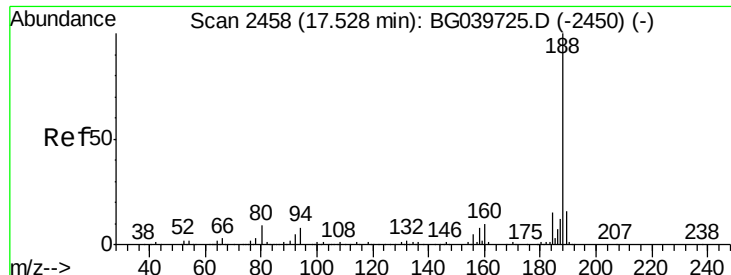
171 36.8 30.8 46.2

170 23.8 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: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampleId :

PB117734BL

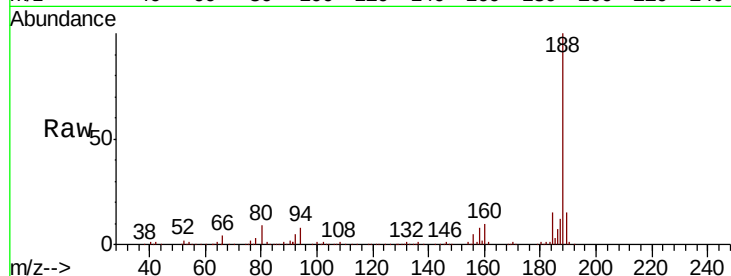
Tot Ion:188 Resp: 329304

Ion Ratio Lower Upper

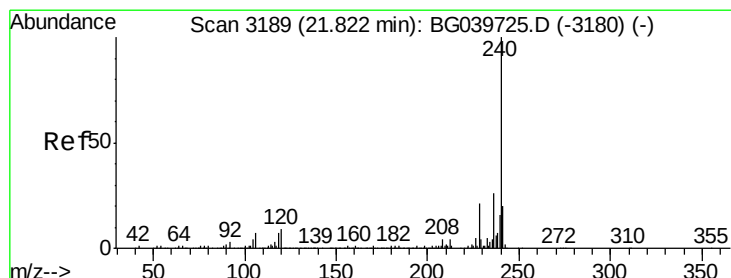
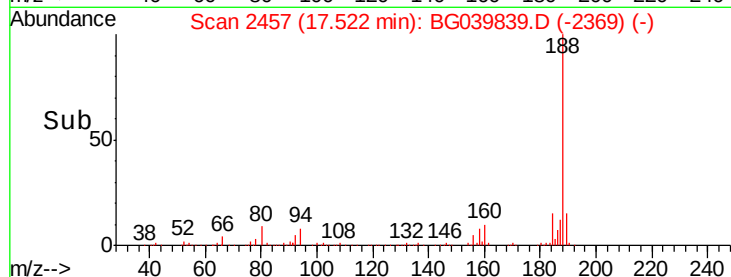
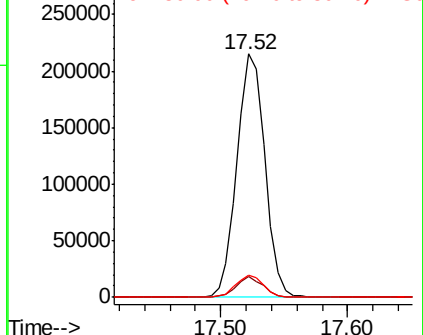
188 100

94 8.4 6.9 10.3

80 9.3 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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

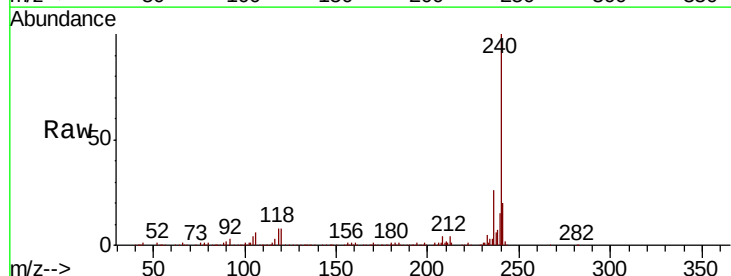
Tgt Ion:240 Resp: 376276

Ion Ratio Lower Upper

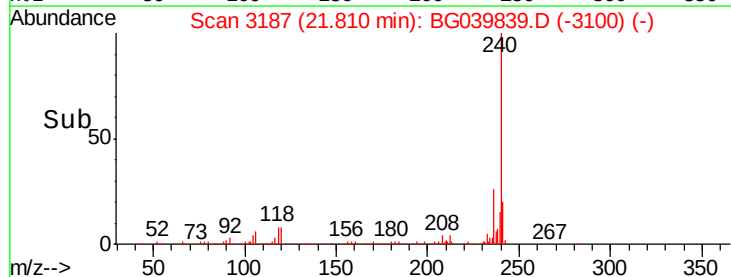
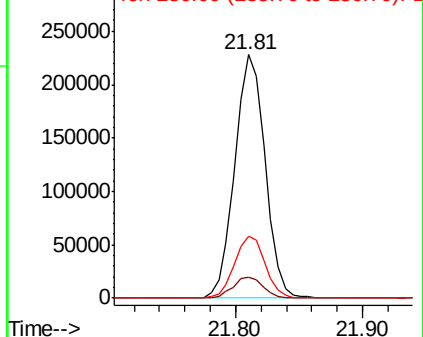
240 100

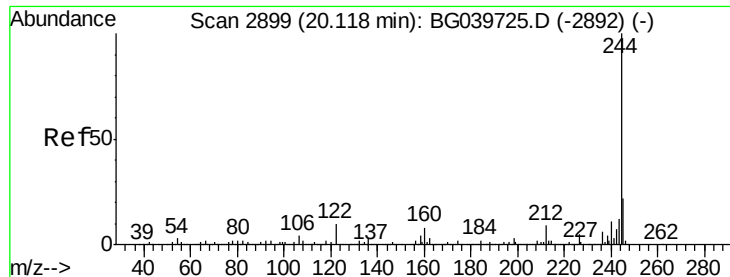
120 8.4 7.0 10.6

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: 65.372 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

Instrument :

BNA_G

ClientSampled :

PB117734BL

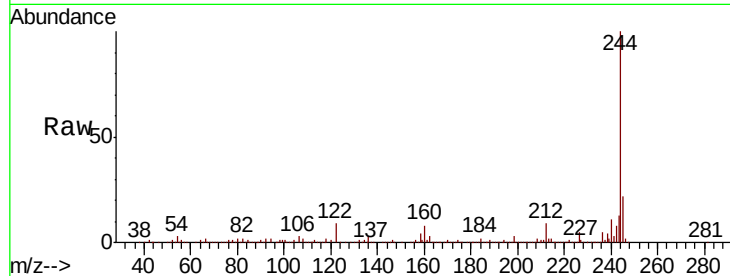
Tot Ion:244 Resp: 1117164

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

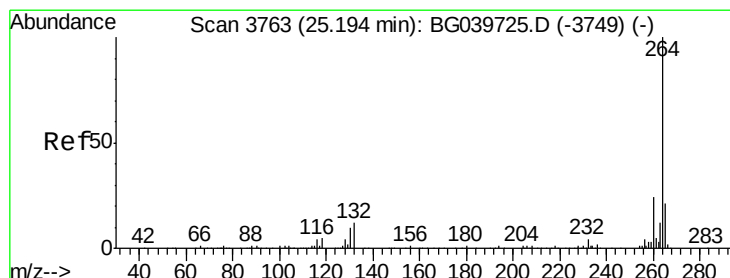
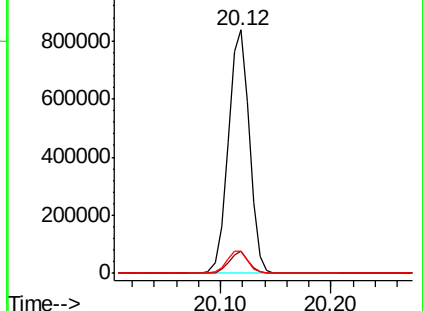
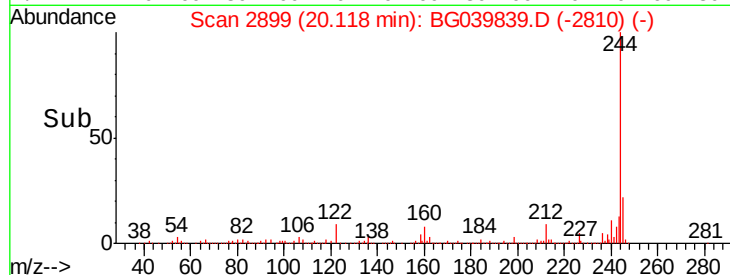
122 9.3 8.4 12.6



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# 3761

Delta R.T. -0.02 min

Lab File: BG039839.D

Acq: 11 Mar 2019 13:16

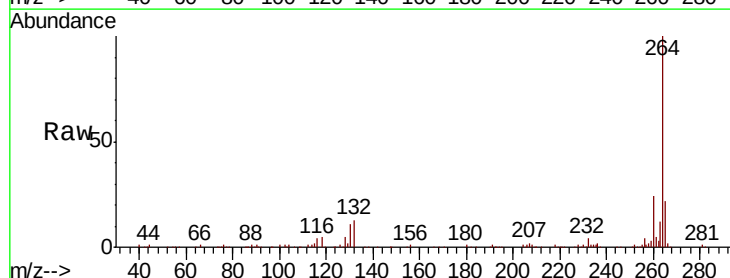
Tgt Ion:264 Resp: 362915

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.8 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

