

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039759.D
 Acq On : 5 Mar 2019 10:10
 Operator : JU/SJ
 Sample : K1688-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-A

Quant Time: Mar 05 11:15:54 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	47734	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	198932	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	140347	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	353930	20.00	ng	0.00
76) Chrysene-d12	21.82	240	368975	20.00	ng	-0.01
87) Perylene-d12	25.19	264	375744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	382358	136.65	ng	0.00
7) Phenol-d6	7.30	99	507623	121.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	363992	98.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	249304	152.40	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	891764	90.47	ng	-0.01
79) Terphenyl-d14	20.12	244	1555619	92.83	ng	0.00

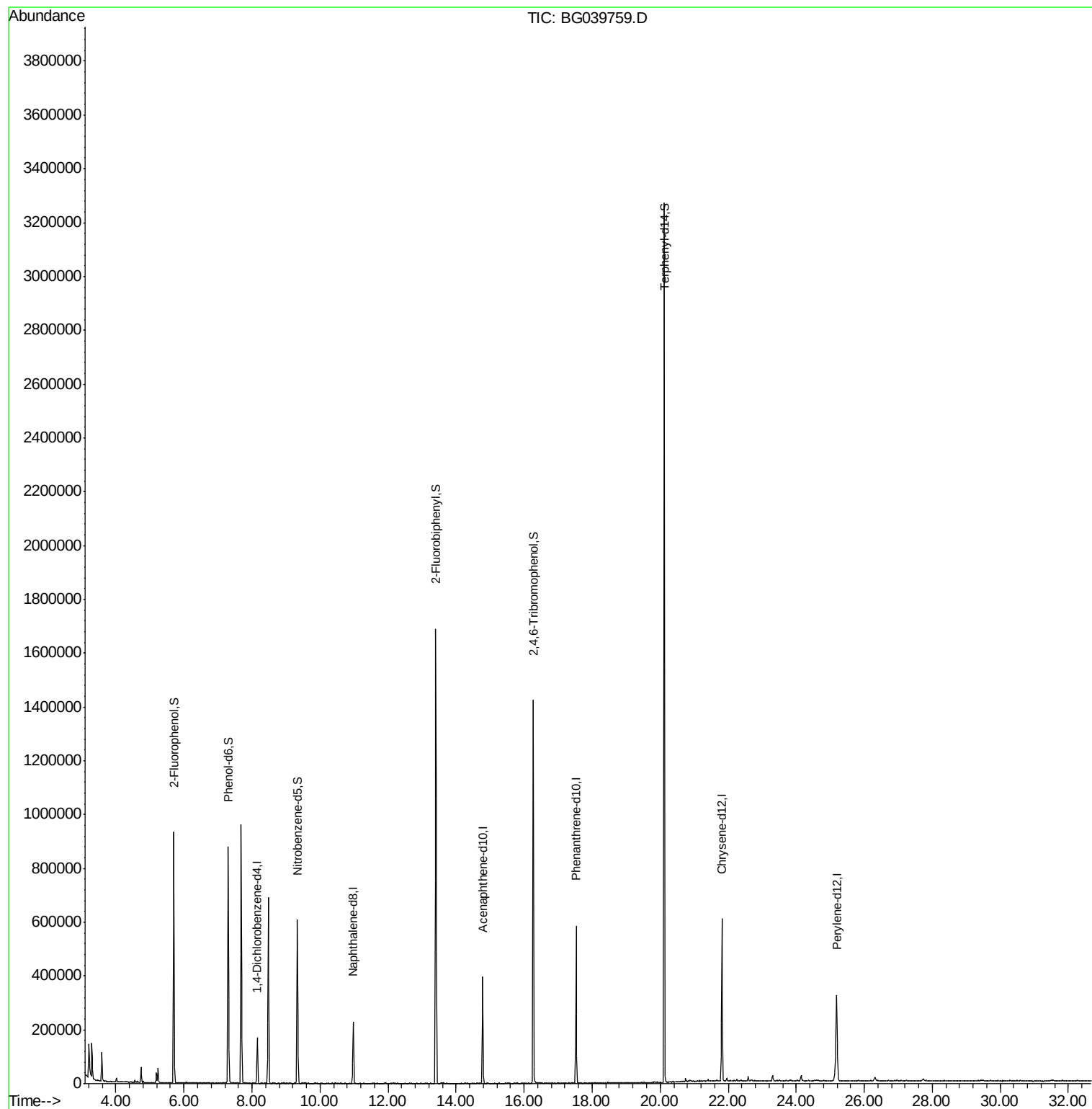
Target Compounds	Qvalue
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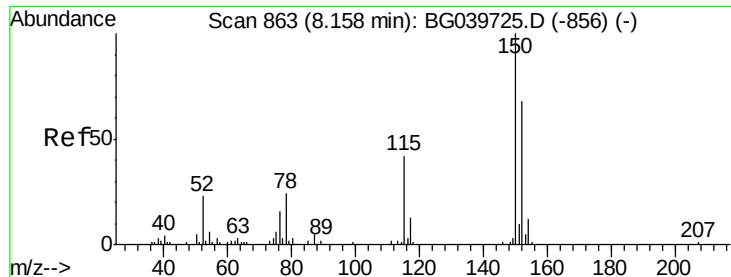
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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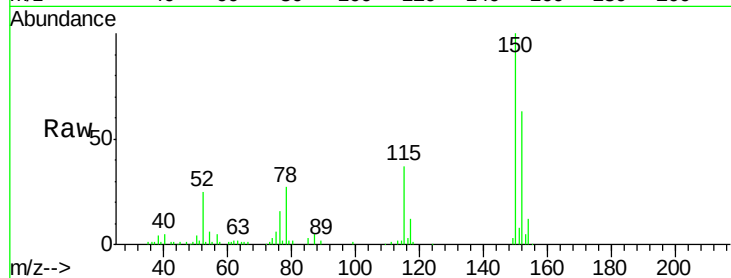


#1

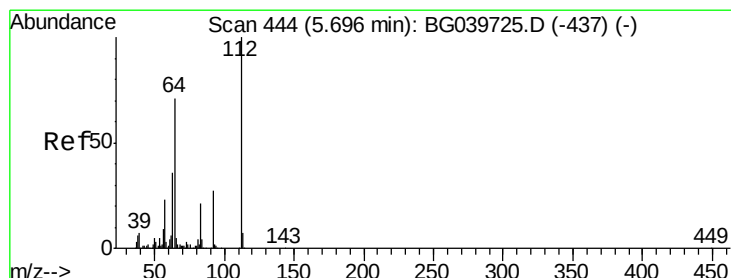
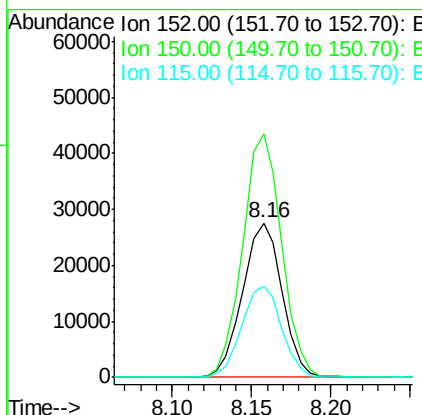
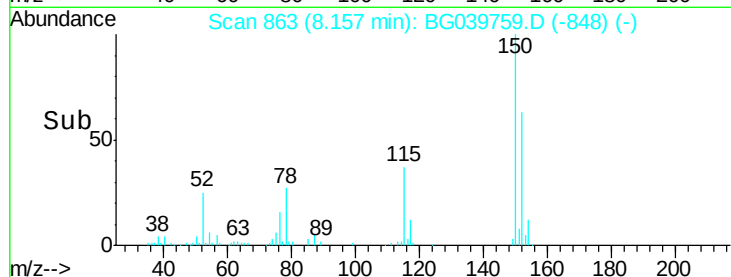
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

Tgt Ion:152 Resp: 47734
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 59.1 45.9 68.9



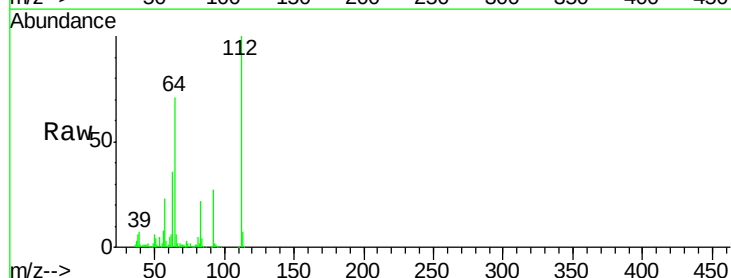
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



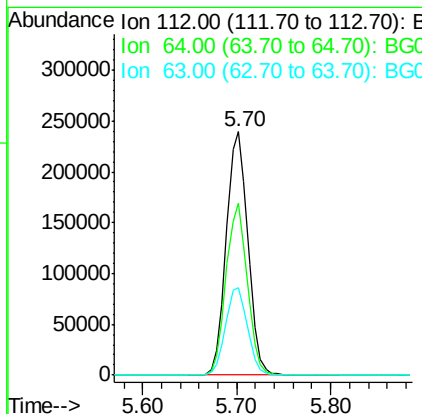
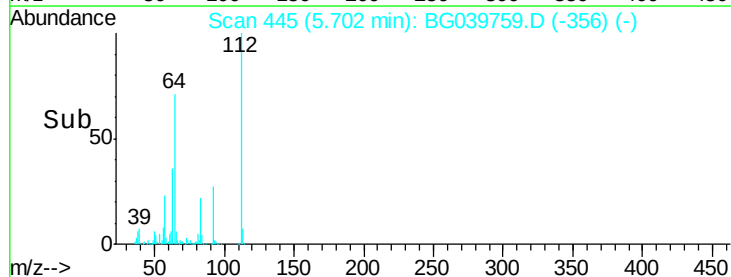
#5

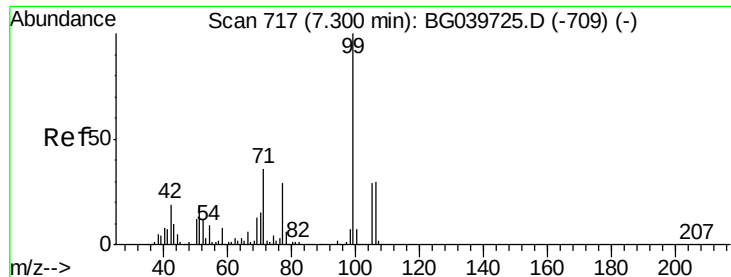
2-Fluorophenol
Concen: 136.654 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:112 Resp: 382358
Ion Ratio Lower Upper
112 100
64 70.6 57.8 86.8
63 35.8 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: 121.675 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039759.D

Acq: 5 Mar 2019 10:10

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-A

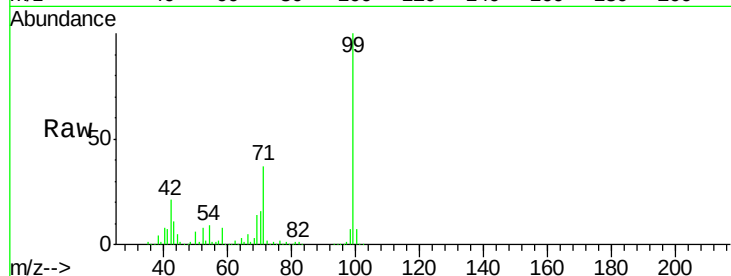
Tgt Ion: 99 Resp: 507623

Ion Ratio Lower Upper

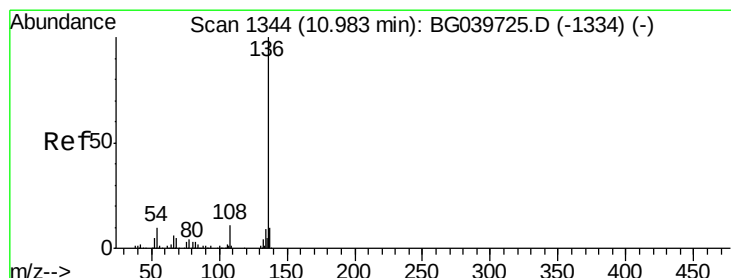
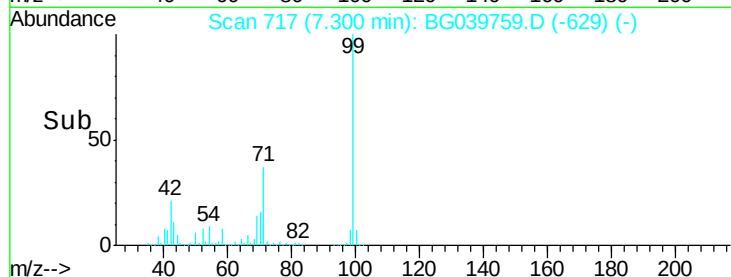
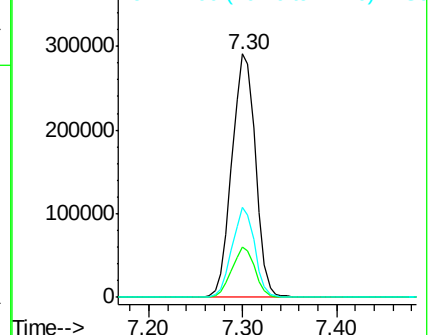
99 100

42 20.7 18.2 27.2

71 36.9 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: BG039759.D

Acq: 5 Mar 2019 10:10

Tgt Ion: 136 Resp: 198932

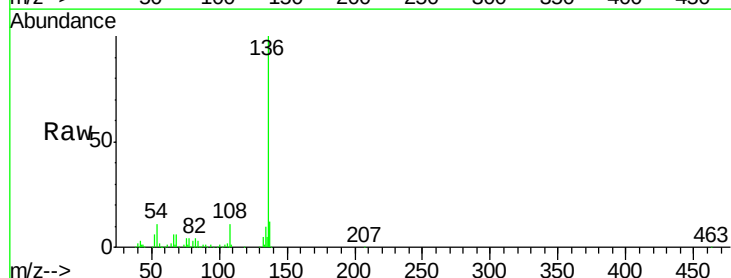
Ion Ratio Lower Upper

136 100

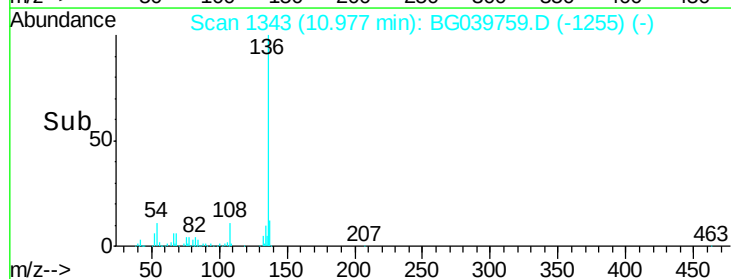
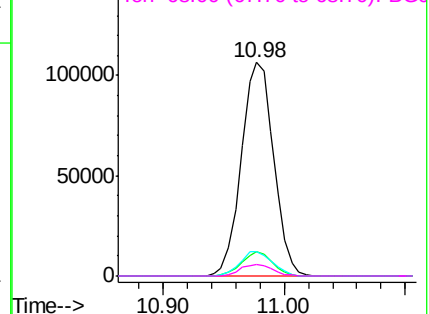
137 11.5 9.1 13.7

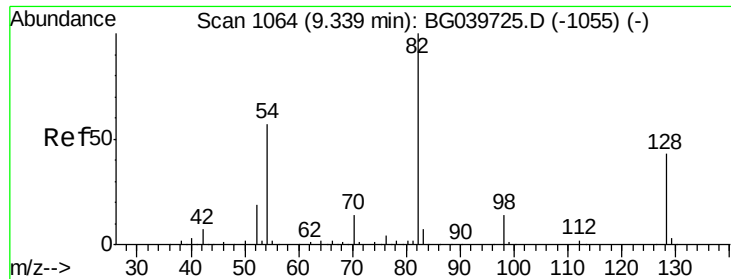
54 11.5 9.4 14.2

68 5.7 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

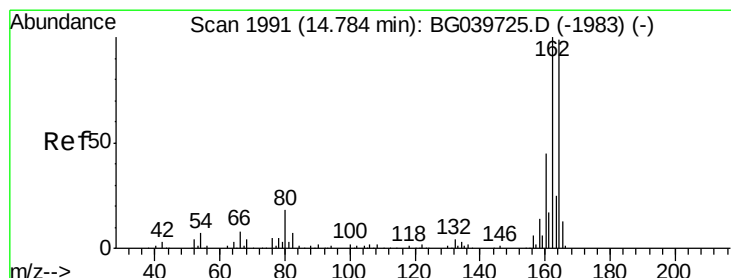
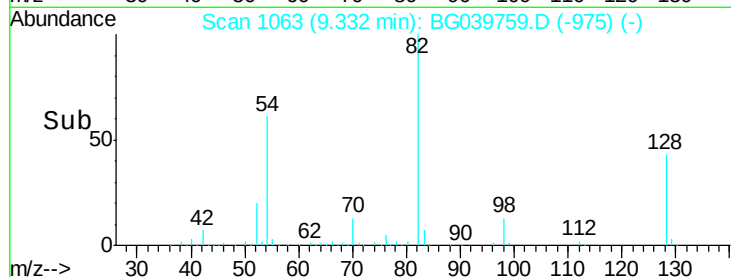
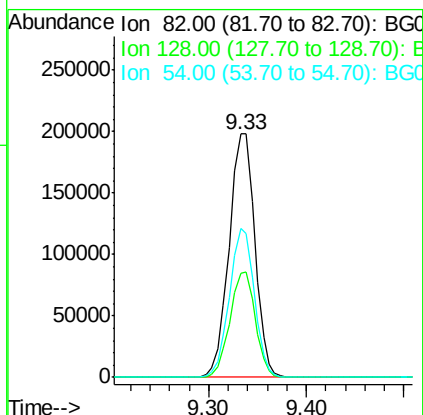
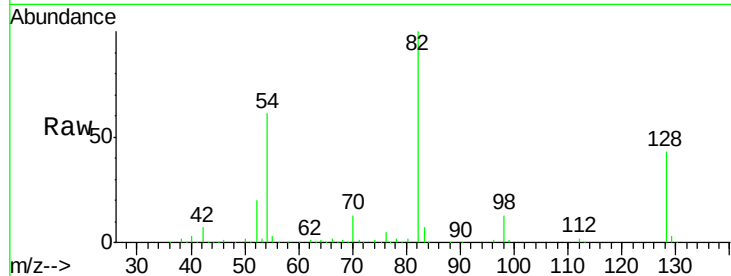




#23
 Nitrobenzene-d5
 Concen: 98.959 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039759.D
 Acq: 5 Mar 2019 10:10

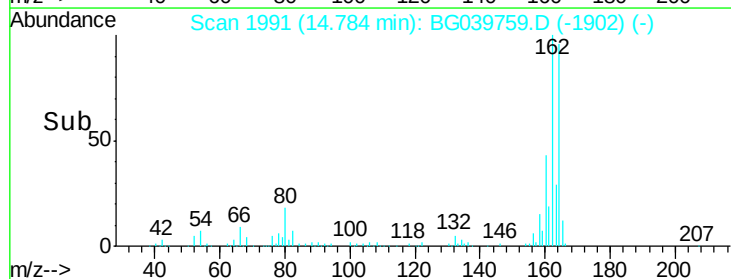
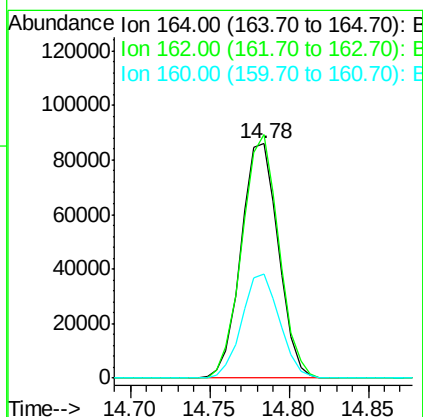
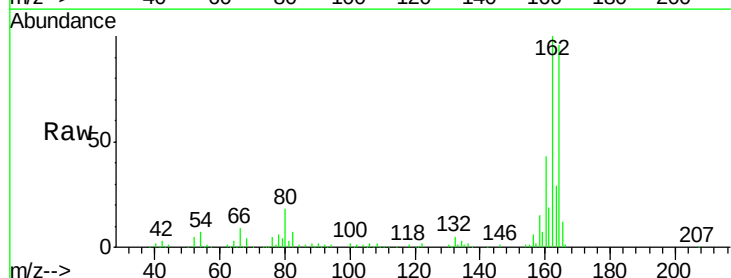
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-A

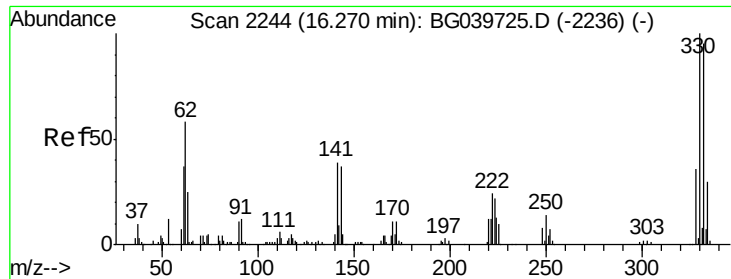
Tgt Ion: 82 Resp: 363992
 Ion Ratio Lower Upper
 82 100
 128 42.8 31.3 46.9
 54 61.2 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039759.D
 Acq: 5 Mar 2019 10:10

Tgt Ion: 164 Resp: 140347
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.6 122.4
 160 44.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 152.400 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039759.D

Acq: 5 Mar 2019 10:10

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-A

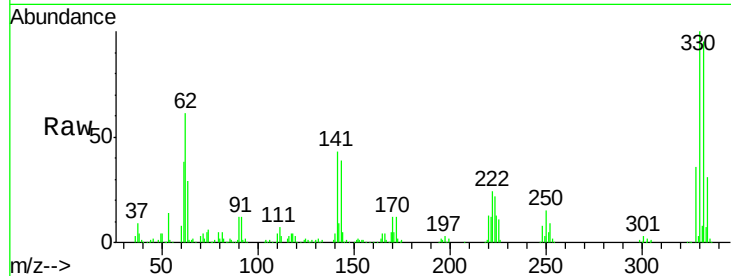
Tgt Ion:330 Resp: 249304

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

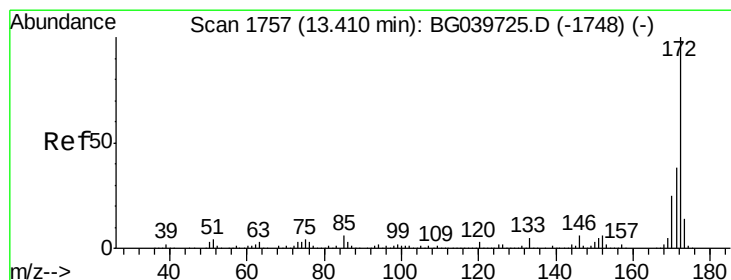
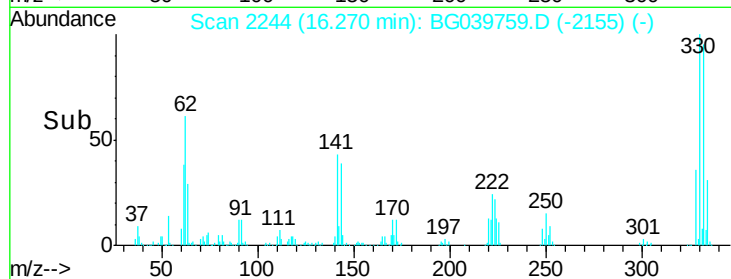
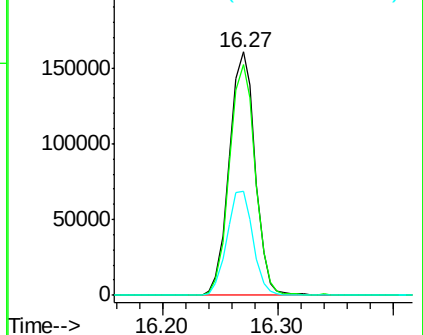
141 43.0 35.6 53.4



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: 90.470 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039759.D

Acq: 5 Mar 2019 10:10

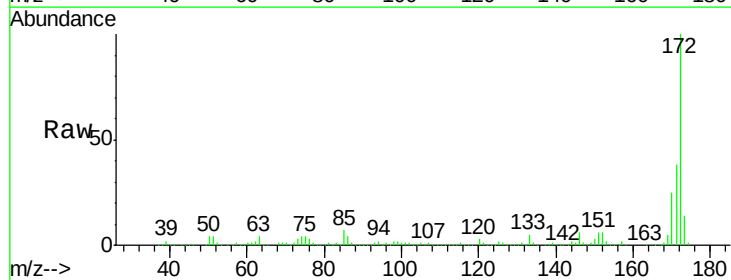
Tgt Ion:172 Resp: 891764

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

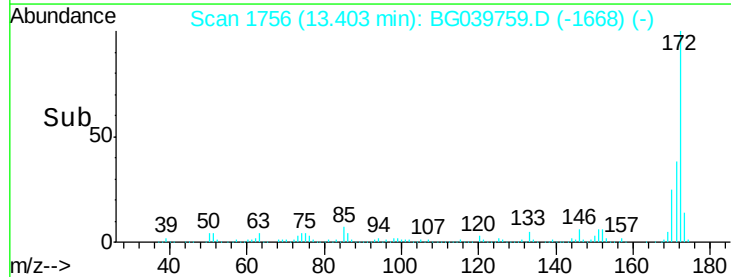
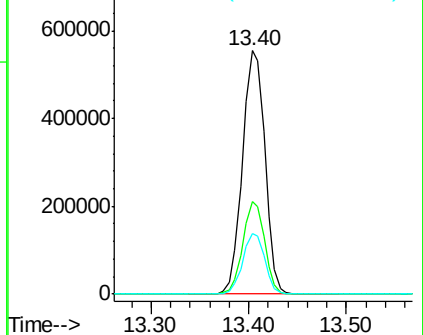
170 24.6 20.2 30.4

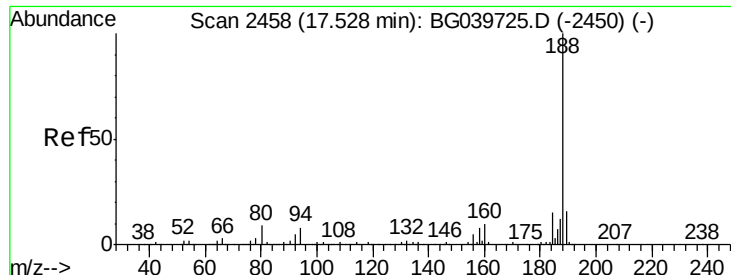


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

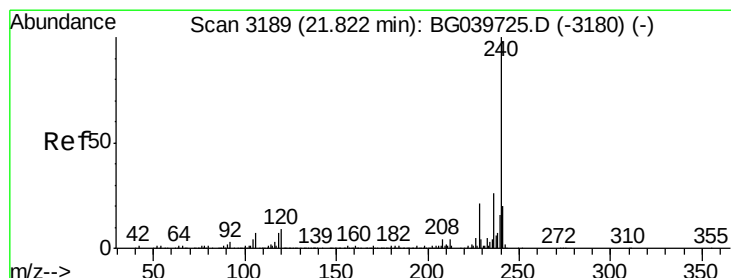
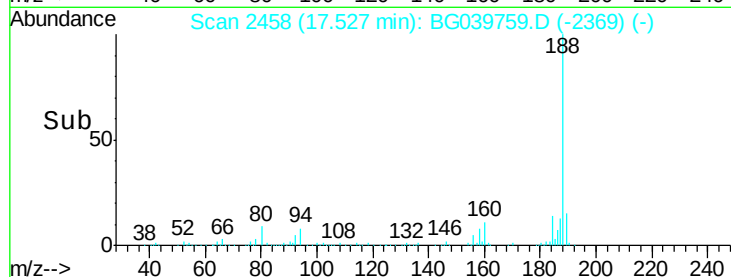
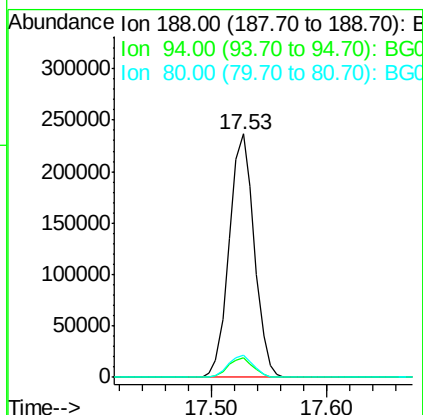
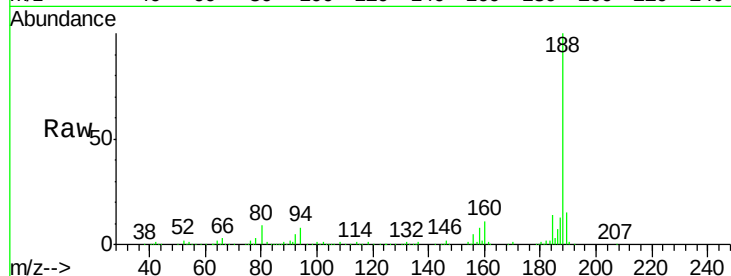




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

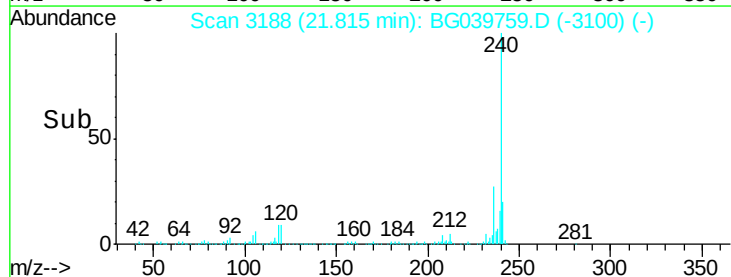
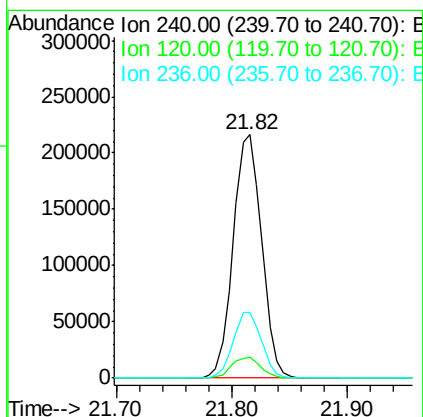
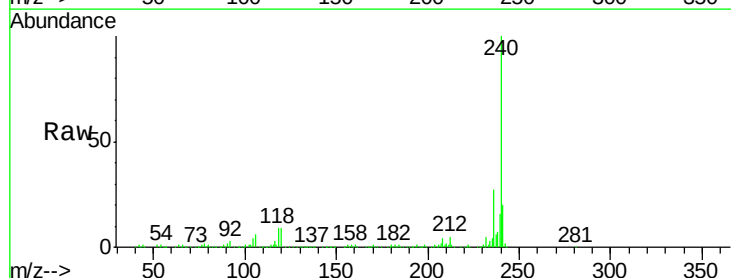
Instrument :
BNA_G
ClientSampleId :
JC-03-030119-A

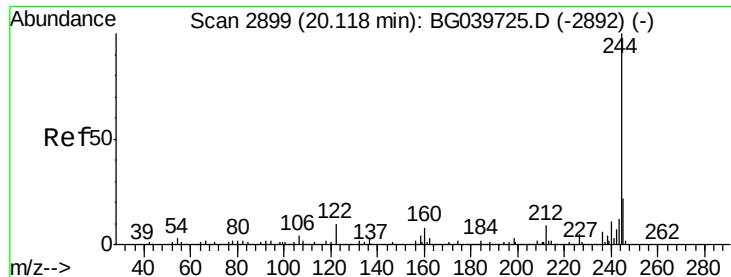
Tgt Ion:188 Resp: 353930
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039759.D
Acq: 5 Mar 2019 10:10

Tgt Ion:240 Resp: 368975
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 27.2 21.0 31.4





#79

Terphenyl-d14

Concen: 92.829 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039759.D

Acq: 5 Mar 2019 10:10

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-A

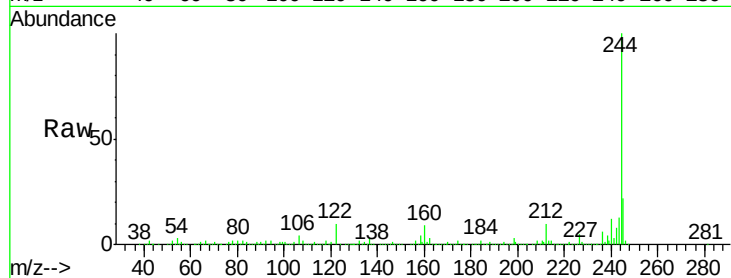
Tgt Ion:244 Resp: 1555619

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

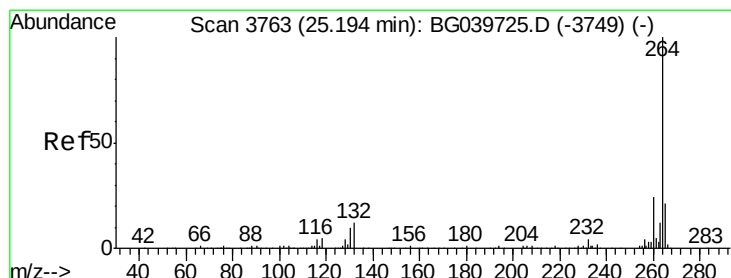
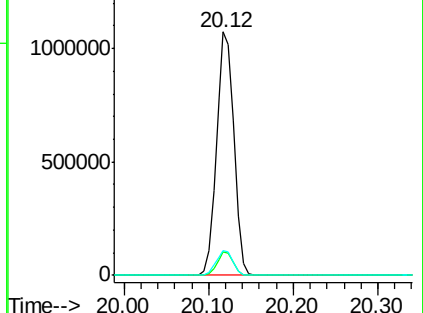
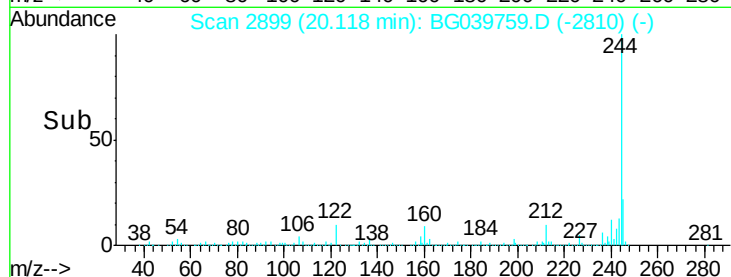
122 10.1 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039759.D

Acq: 5 Mar 2019 10:10

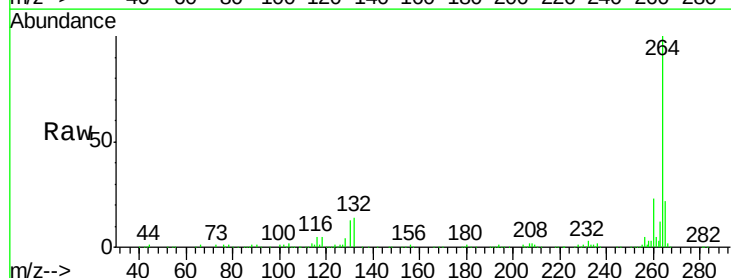
Tgt Ion:264 Resp: 375744

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.3 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

