

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039756.D
 Acq On : 5 Mar 2019 8:12
 Operator : JU/SJ
 Sample : K1688-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 05 11:09:56 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	41968	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	179099	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	121751	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	319593	20.00	ng	0.00
76) Chrysene-d12	21.82	240	342863	20.00	ng	-0.01
87) Perylene-d12	25.19	264	337983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	311576	126.66	ng	0.00
7) Phenol-d6	7.30	99	411716	112.24	ng	-0.01
23) Nitrobenzene-d5	9.33	82	294586	88.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	202125	142.43	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	704160	82.35	ng	-0.01
79) Terphenyl-d14	20.12	244	1326866	85.21	ng	0.00

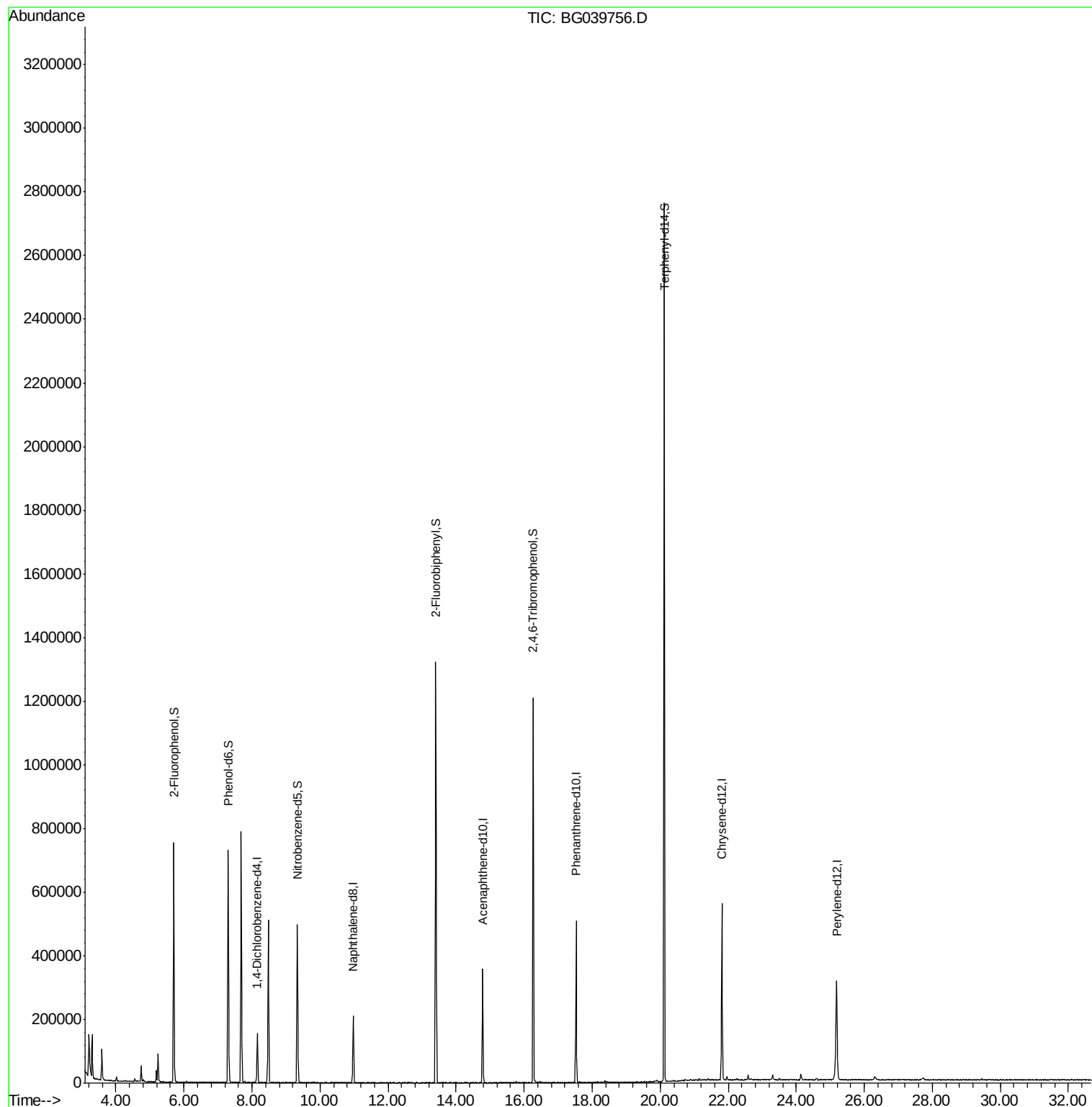
Target Compounds	Qvalue
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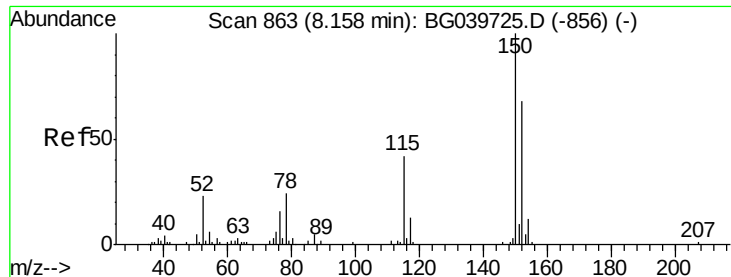
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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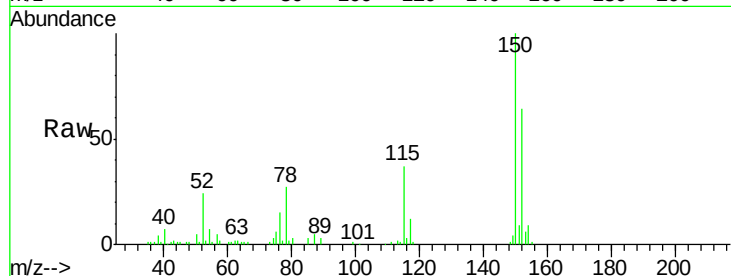


#1

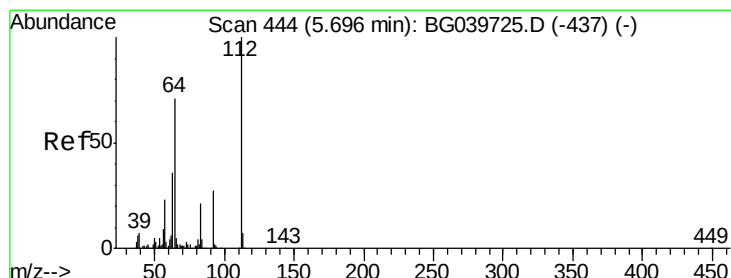
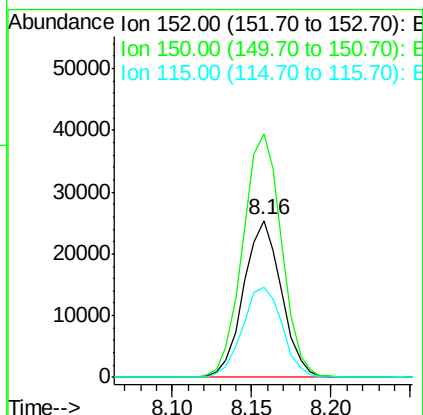
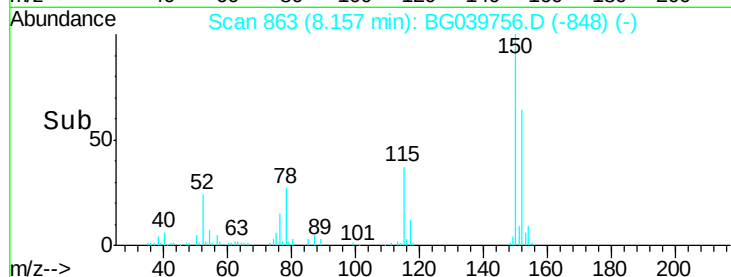
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039756.D
Acq: 5 Mar 2019 8:12

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

Tgt Ion:152 Resp: 41968
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 57.4 45.9 68.9



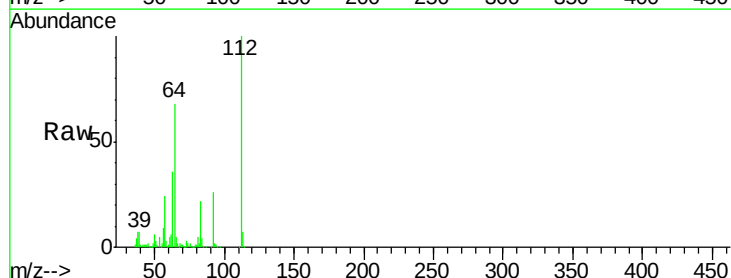
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



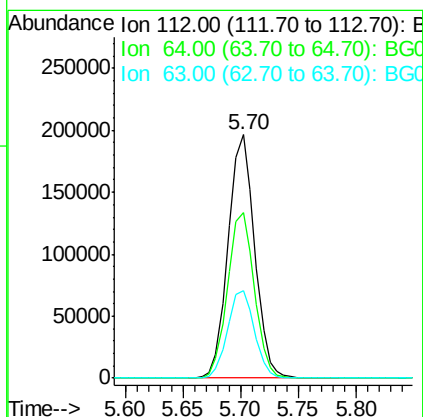
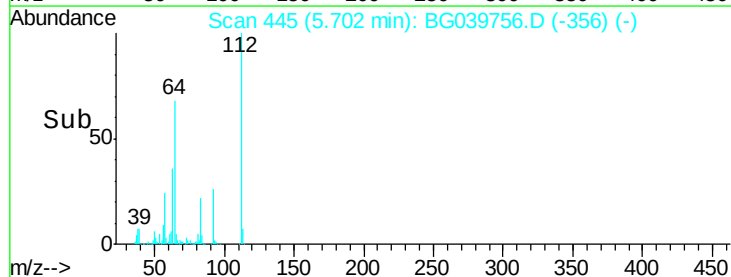
#5

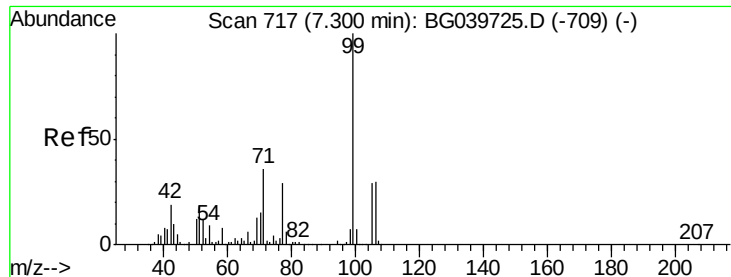
2-Fluorophenol
Concen: 126.656 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039756.D
Acq: 5 Mar 2019 8:12

Tgt Ion:112 Resp: 311576
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.8
63 36.1 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: 112.245 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039756.D

Acq: 5 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-F

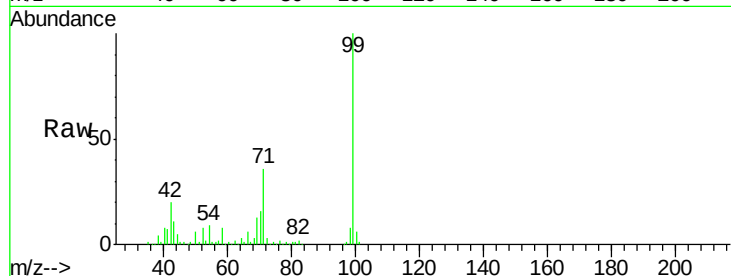
Tgt Ion: 99 Resp: 411716

Ion Ratio Lower Upper

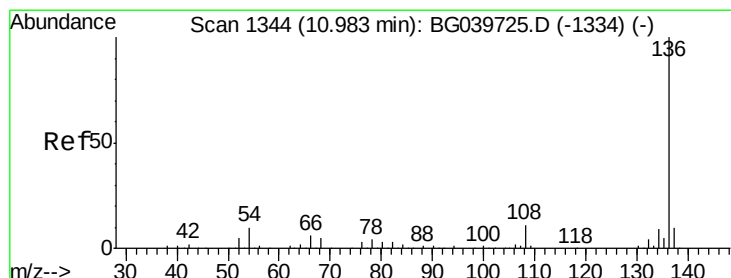
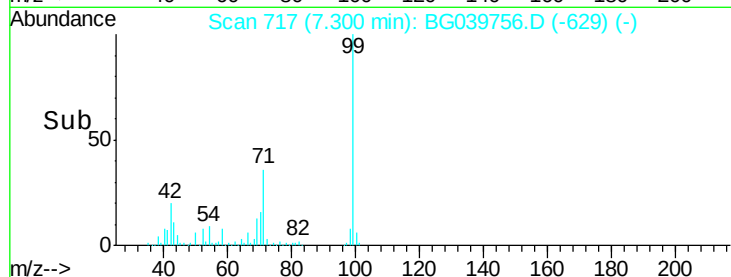
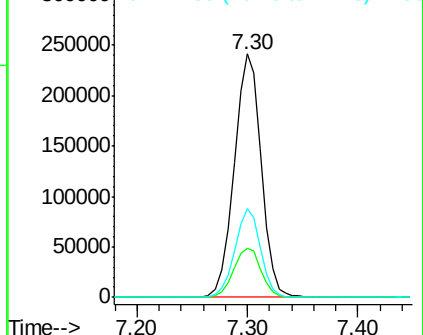
99 100

42 20.3 18.2 27.2

71 36.4 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: BG039756.D

Acq: 5 Mar 2019 8:12

Tgt Ion: 136 Resp: 179099

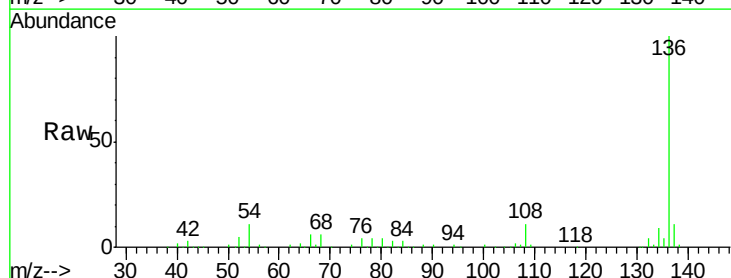
Ion Ratio Lower Upper

136 100

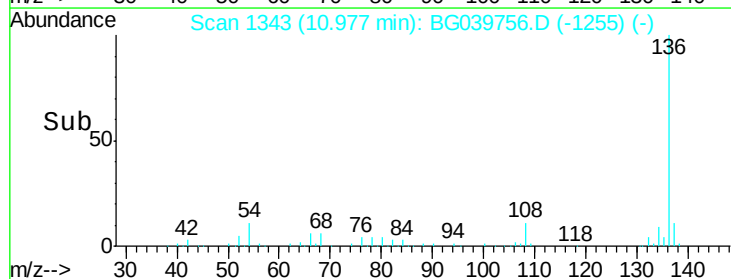
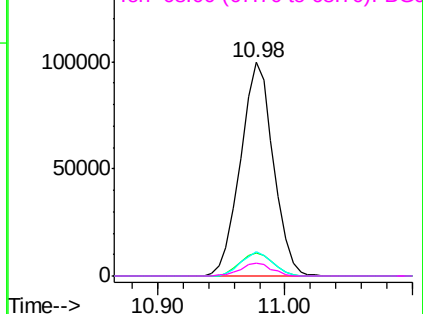
137 11.1 9.1 13.7

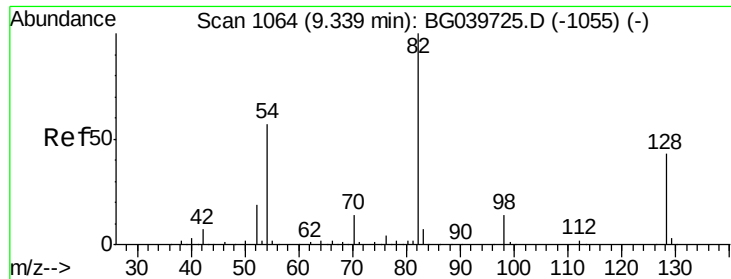
54 11.1 9.4 14.2

68 6.0 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

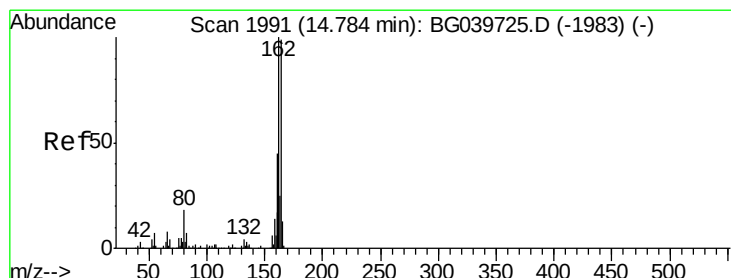
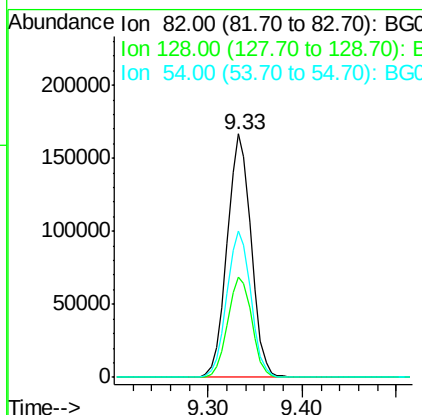
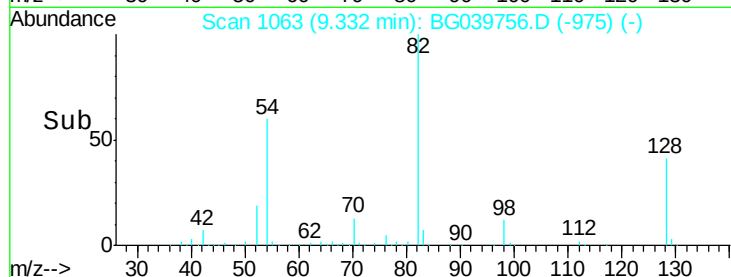
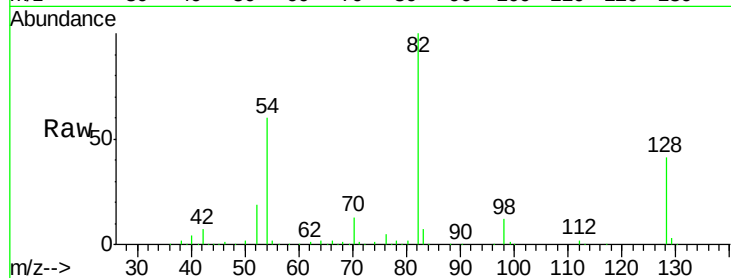




#23
 Nitrobenzene-d5
 Concen: 88.959 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039756.D
 Acq: 5 Mar 2019 8:12

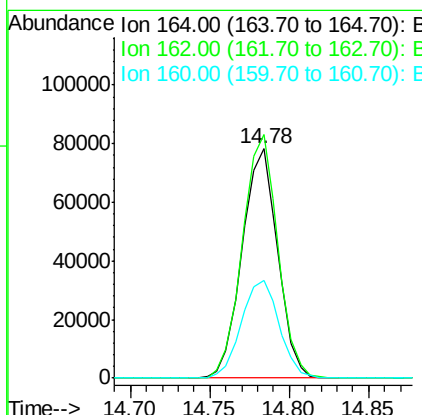
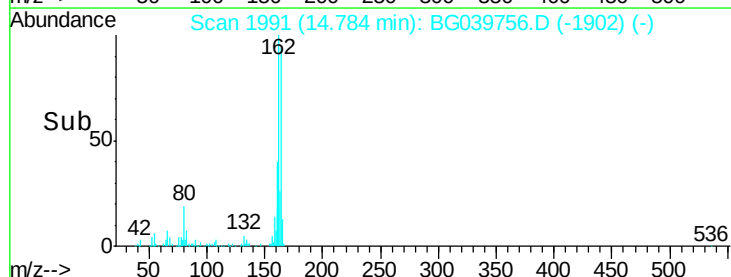
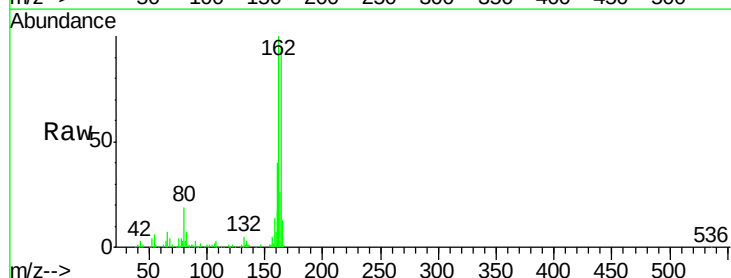
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-F

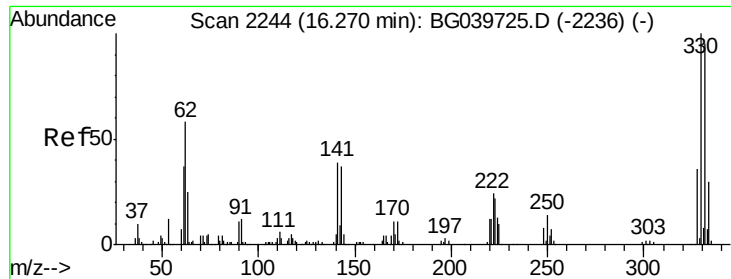
Tgt Ion: 82 Resp: 294586
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.3 46.9
 54 60.0 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039756.D
 Acq: 5 Mar 2019 8:12

Tgt Ion: 164 Resp: 121751
 Ion Ratio Lower Upper
 164 100
 162 106.1 81.6 122.4
 160 42.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 142.432 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039756.D

Acq: 5 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-F

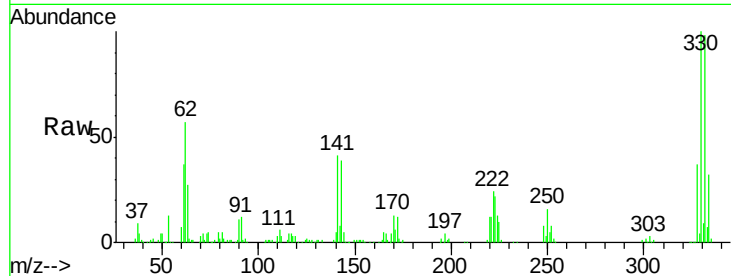
Tgt Ion:330 Resp: 202125

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

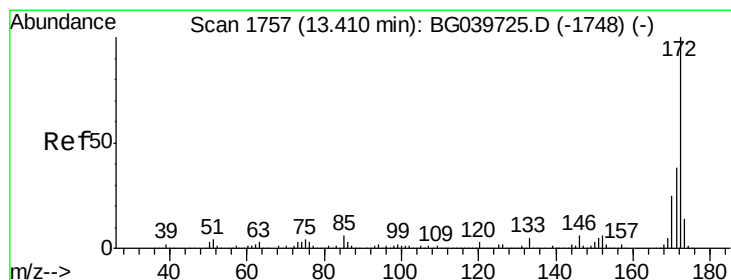
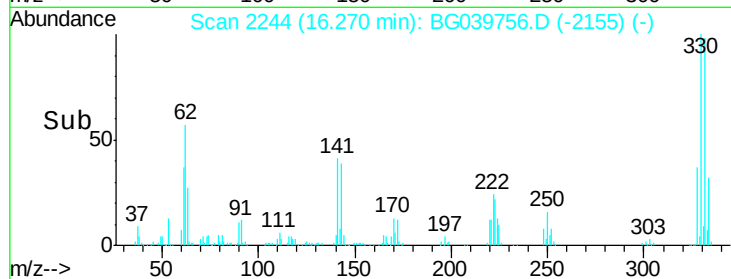
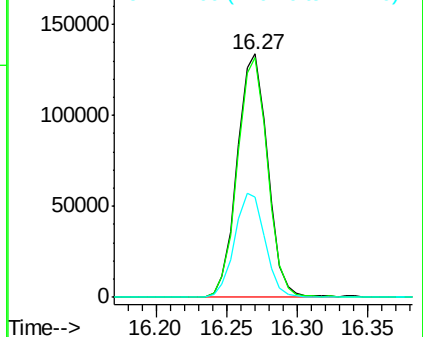
141 42.8 35.6 53.4



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: 82.349 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039756.D

Acq: 5 Mar 2019 8:12

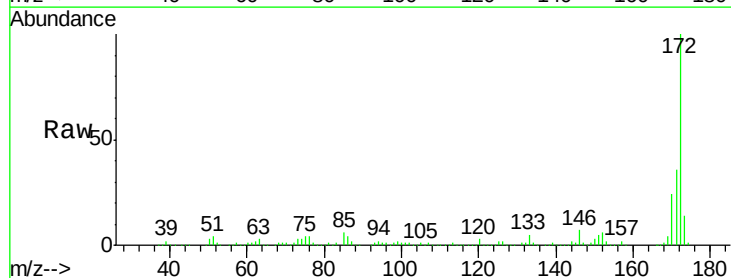
Tgt Ion:172 Resp: 704160

Ion Ratio Lower Upper

172 100

171 36.1 30.8 46.2

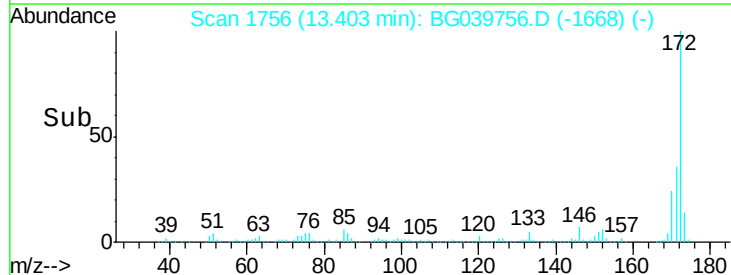
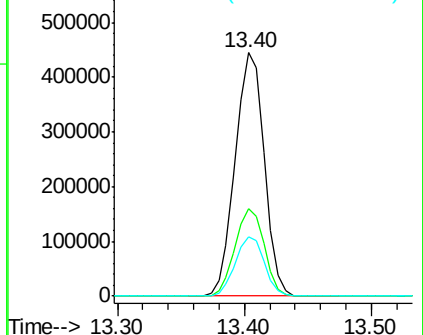
170 24.3 20.2 30.4

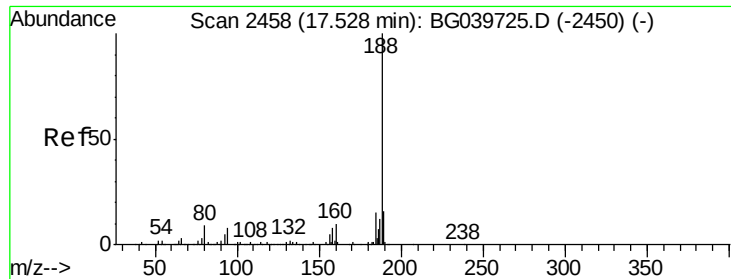


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039756.D

Acq: 5 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-F

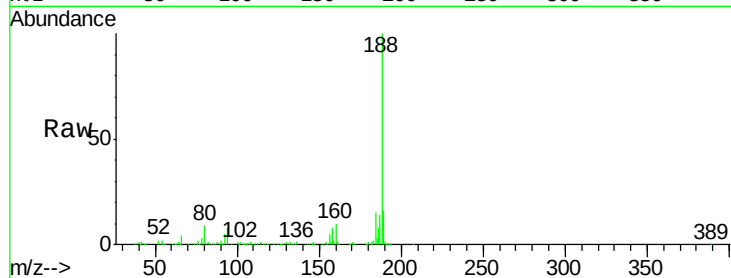
Tgt Ion:188 Resp: 319593

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

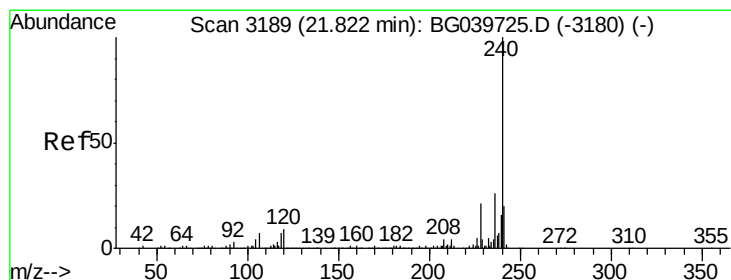
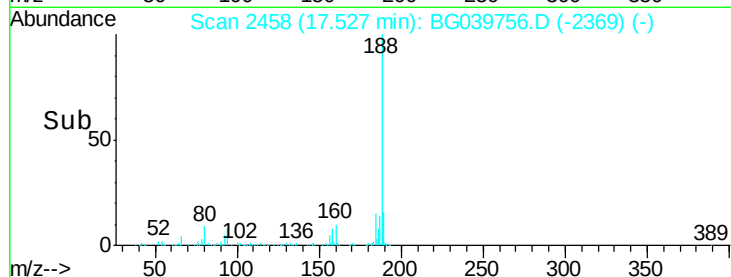
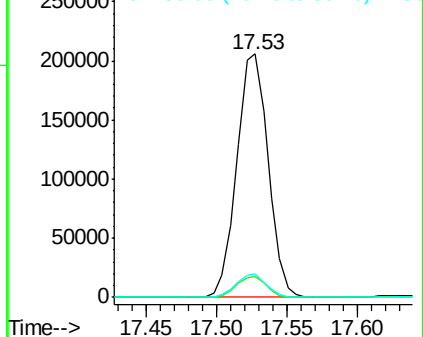
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039756.D

Acq: 5 Mar 2019 8:12

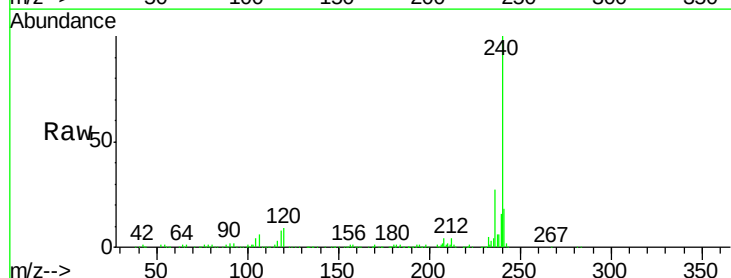
Tgt Ion:240 Resp: 342863

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

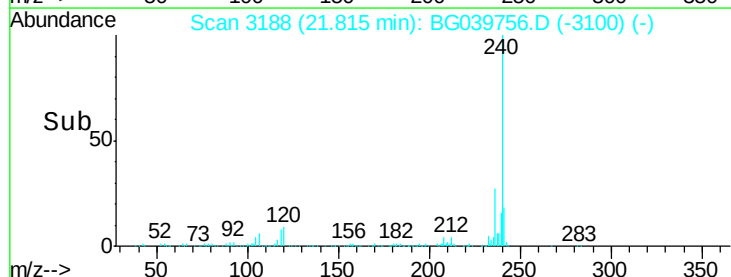
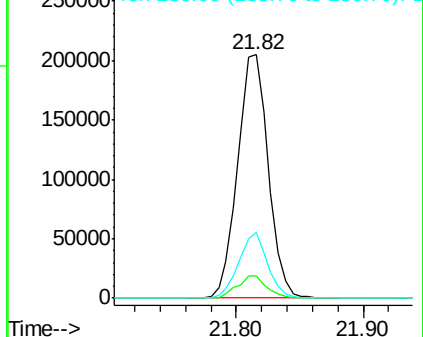
236 27.0 21.0 31.4

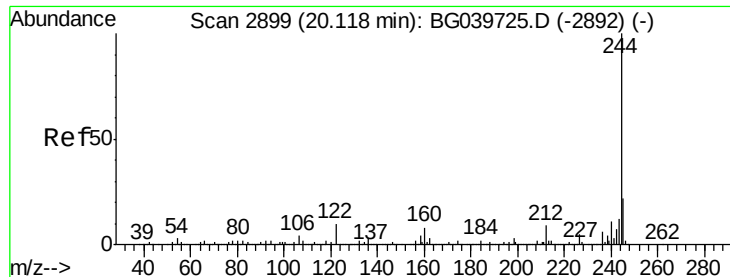


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.209 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039756.D

Acq: 5 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-F

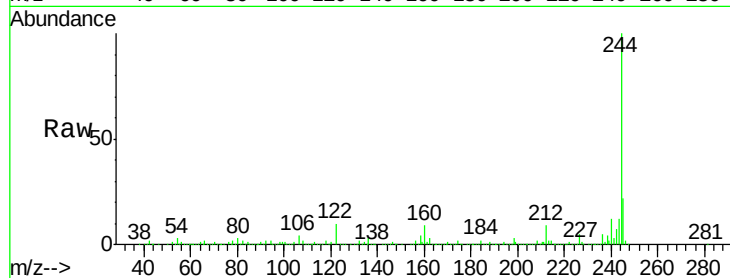
Tgt Ion:244 Resp: 1326866

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

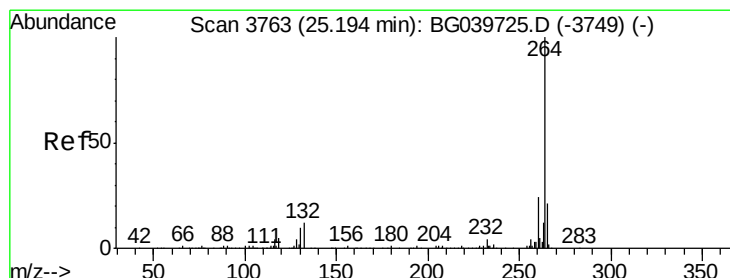
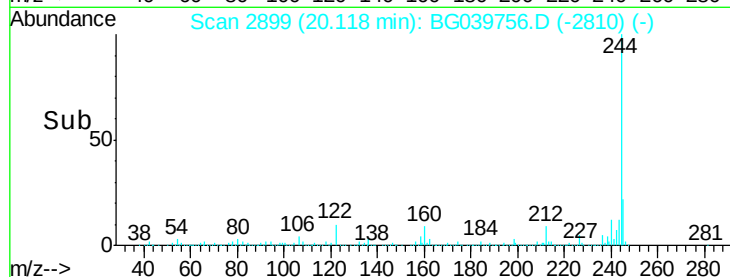
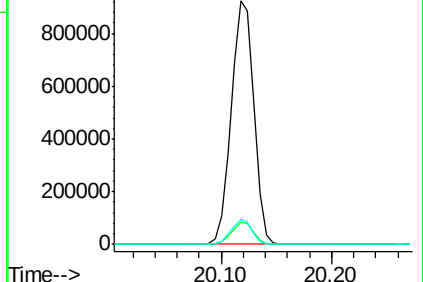
122 10.1 8.4 12.6



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: BG039756.D

Acq: 5 Mar 2019 8:12

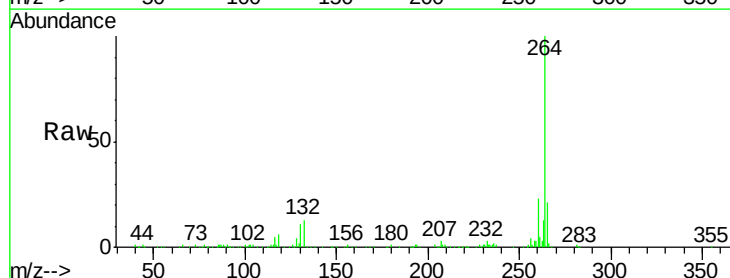
Tgt Ion:264 Resp: 337983

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.4 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

