

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039754.D
 Acq On : 5 Mar 2019 6:53
 Operator : JU/SJ
 Sample : K1688-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 05 07:29:11 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	38489	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	163168	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	111250	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	296972	20.00	ng	0.00
76) Chrysene-d12	21.82	240	322068	20.00	ng	-0.01
87) Perylene-d12	25.19	264	317103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336843	149.30	ng	0.00
7) Phenol-d6	7.30	99	439388	130.62	ng	-0.01
23) Nitrobenzene-d5	9.33	82	312557	103.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	218027	168.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	755362	96.67	ng	-0.01
79) Terphenyl-d14	20.12	244	1424870	97.41	ng	0.00

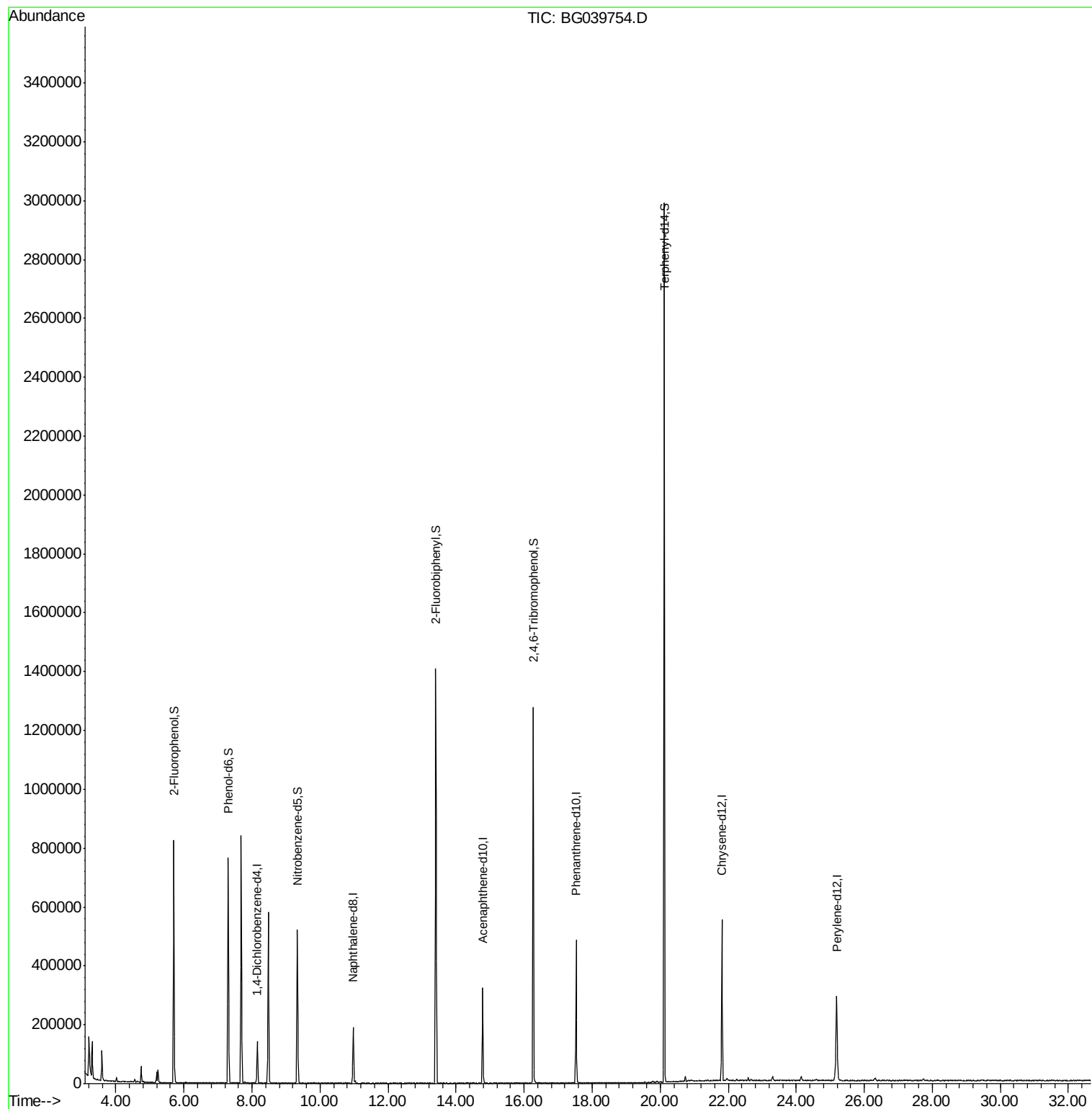
Target Compounds	Qvalue
------------------	--------

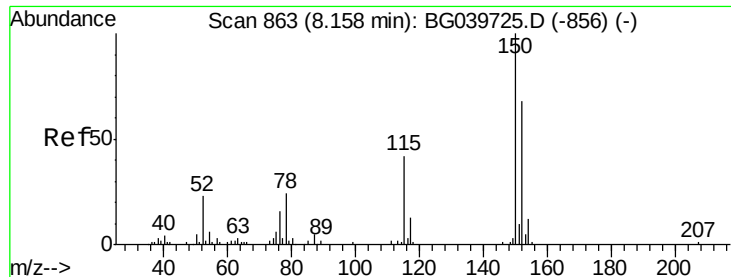
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039754.D
Acq On : 5 Mar 2019 6:53
Operator : JU/SJ
Sample : K1688-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 05 07:29:11 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



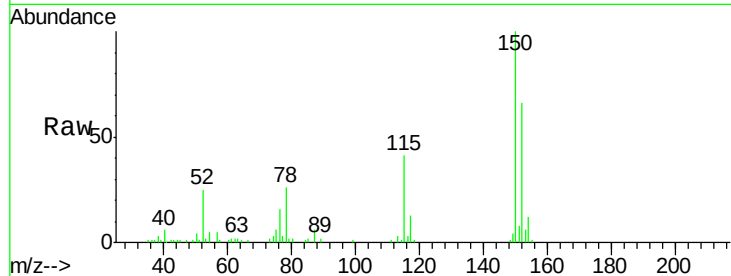


#1

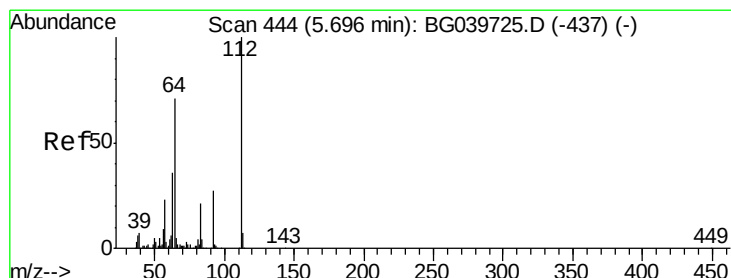
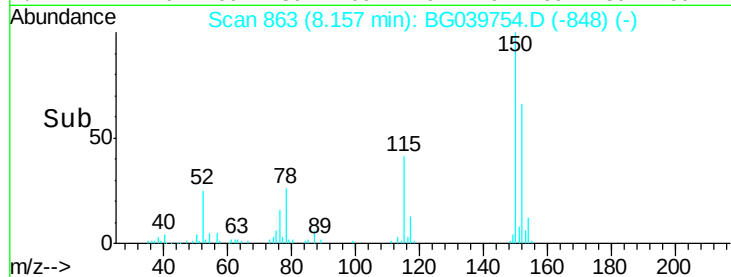
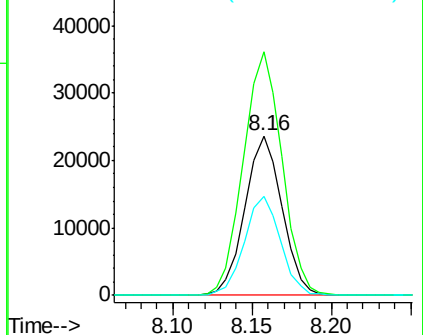
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

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

Tgt Ion:152 Resp: 38489
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 62.1 45.9 68.9



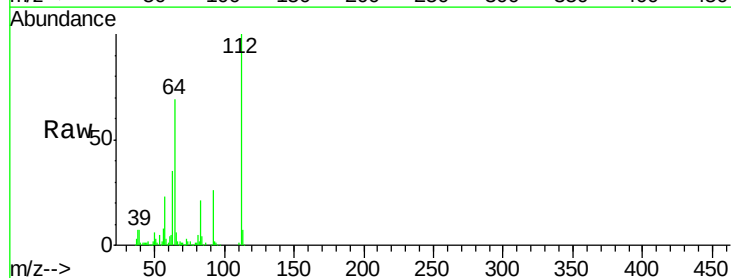
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



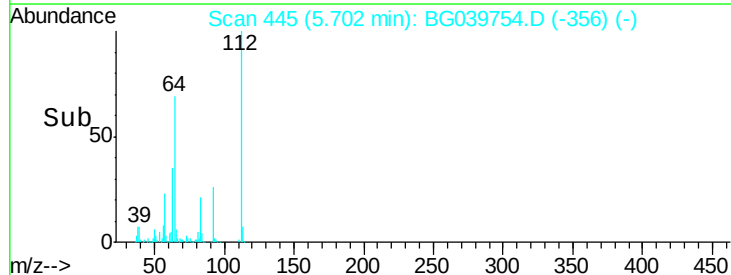
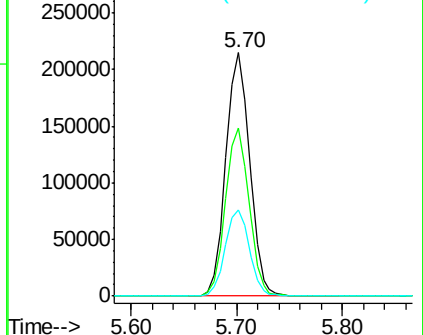
#5

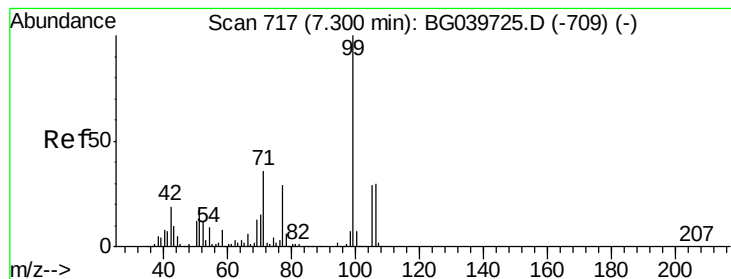
2-Fluorophenol
Concen: 149.304 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039754.D
Acq: 5 Mar 2019 6:53

Tgt Ion:112 Resp: 336843
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 35.3 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: 130.617 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-C

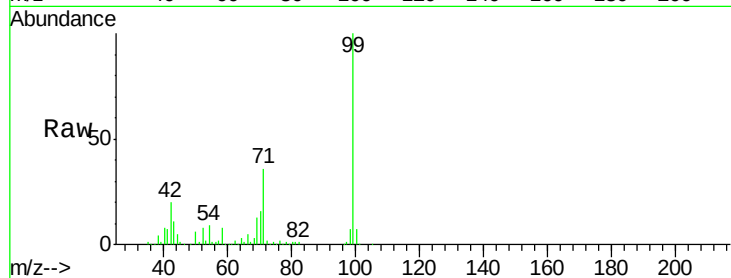
Tgt Ion: 99 Resp: 439388

Ion Ratio Lower Upper

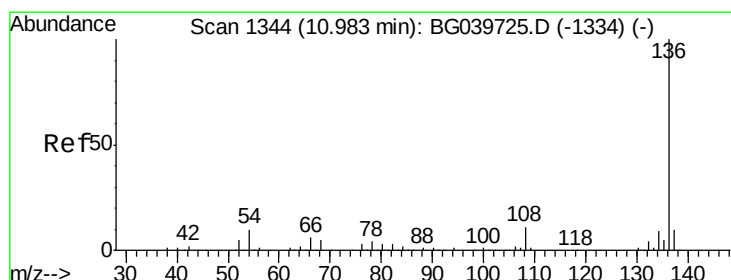
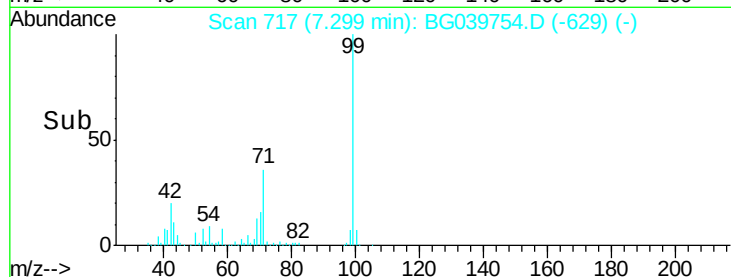
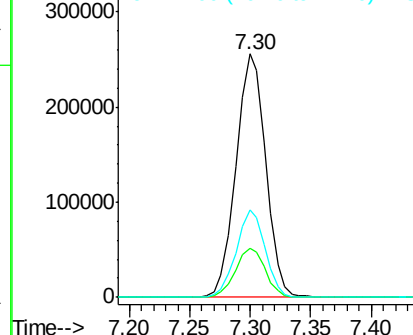
99 100

42 20.2 18.2 27.2

71 35.8 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: BG039754.D

Acq: 5 Mar 2019 6:53

Tgt Ion: 136 Resp: 163168

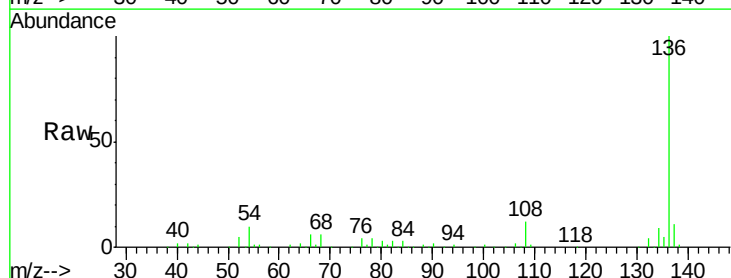
Ion Ratio Lower Upper

136 100

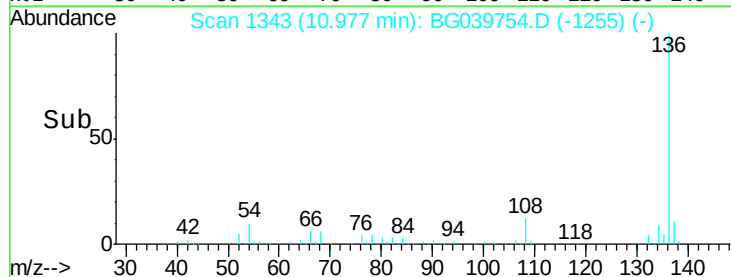
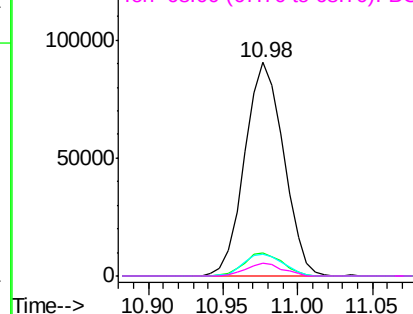
137 11.0 9.1 13.7

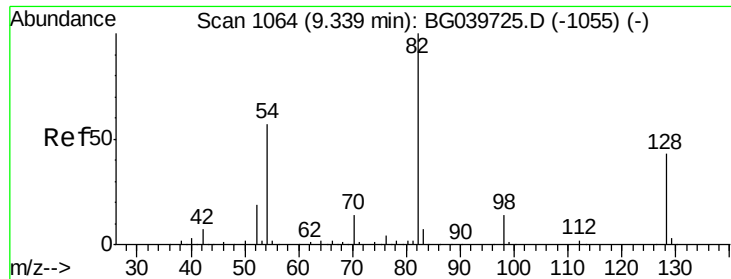
54 10.2 9.4 14.2

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

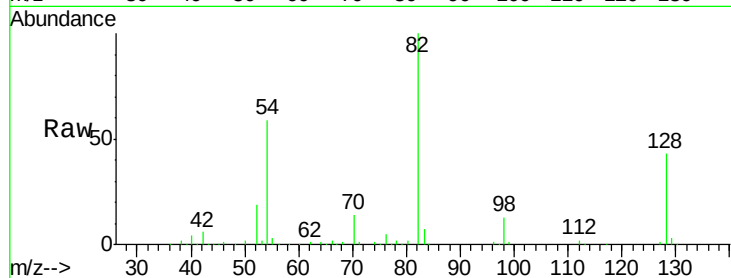




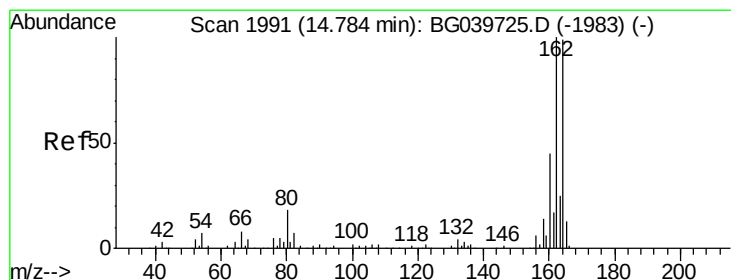
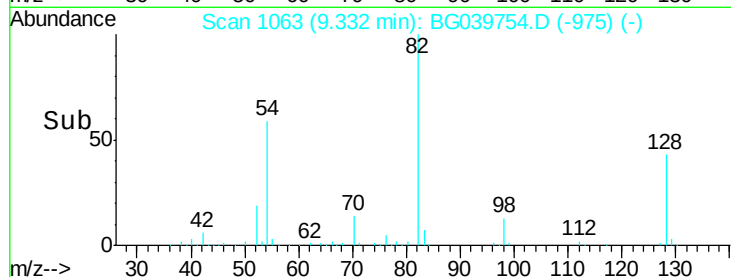
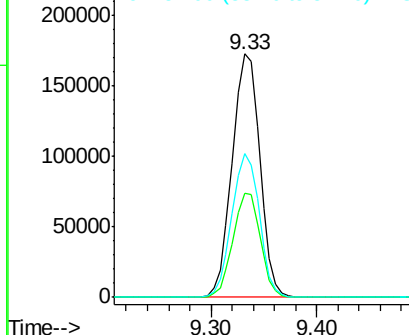
#23
 Nitrobenzene-d5
 Concen: 103.601 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

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

Tgt Ion: 82 Resp: 312557
 Ion Ratio Lower Upper
 82 100
 128 42.9 31.3 46.9
 54 58.9 50.9 76.3

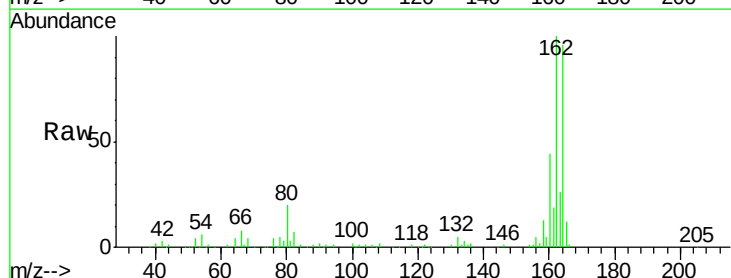


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

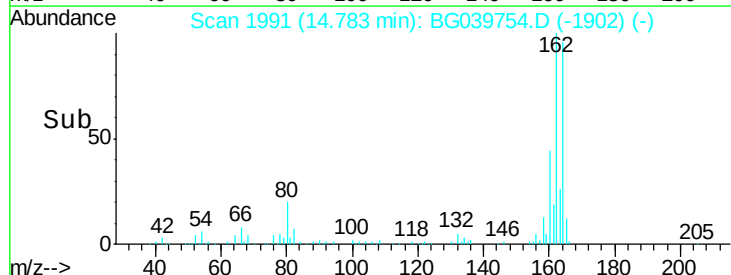
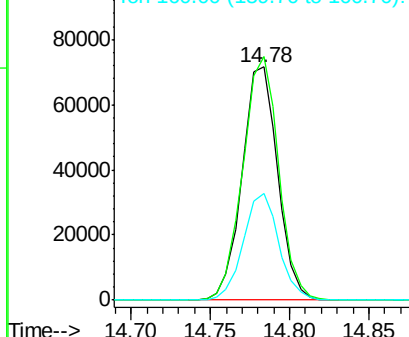


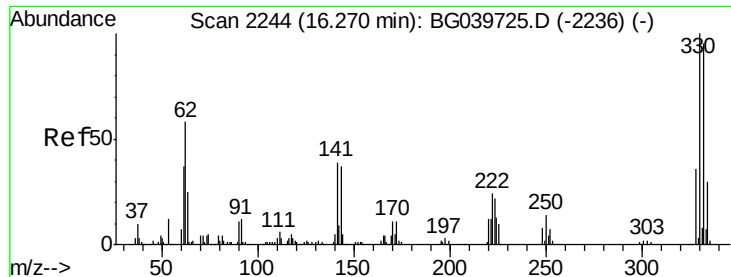
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039754.D
 Acq: 5 Mar 2019 6:53

Tgt Ion: 164 Resp: 111250
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.6 122.4
 160 45.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 168.140 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-C

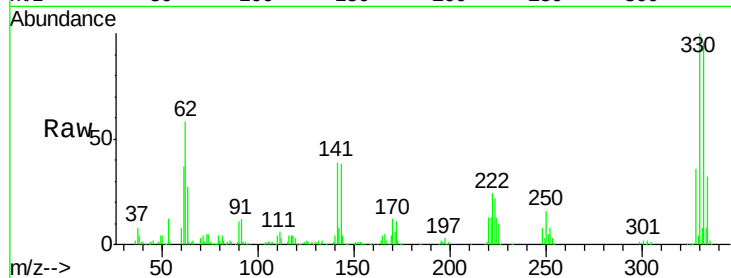
Tgt Ion:330 Resp: 218027

Ion Ratio Lower Upper

330 100

332 97.5 75.7 113.5

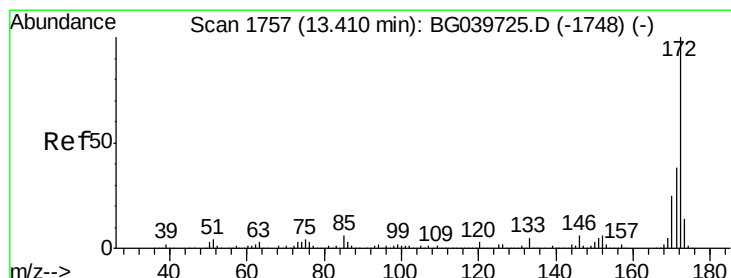
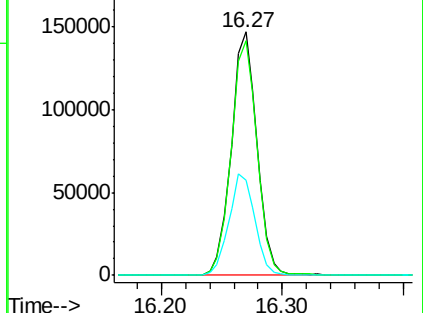
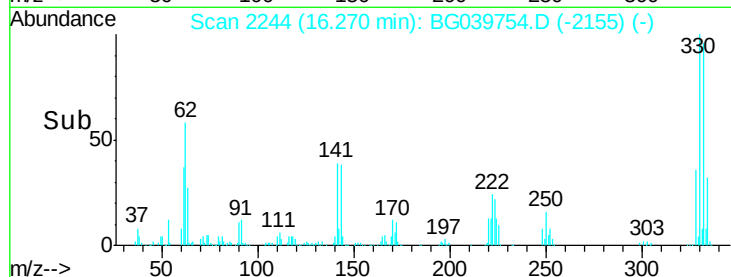
141 42.1 35.6 53.4



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: 96.675 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

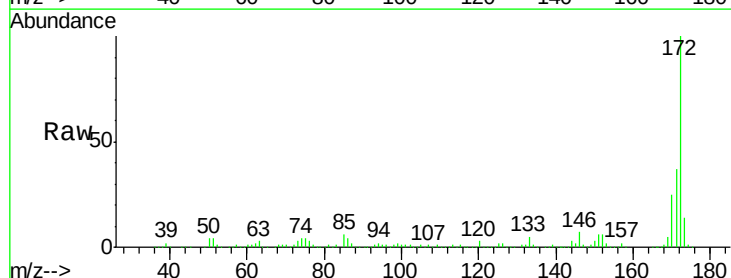
Tgt Ion:172 Resp: 755362

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

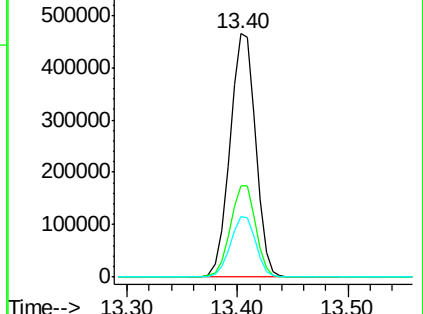
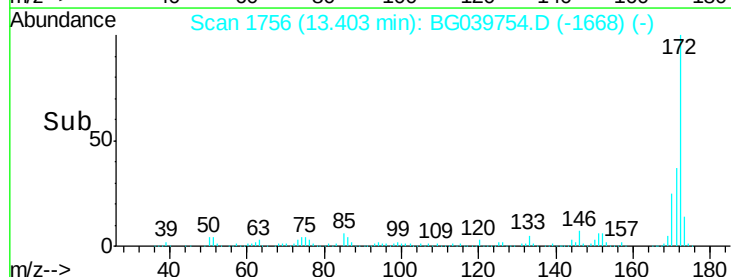
170 24.8 20.2 30.4

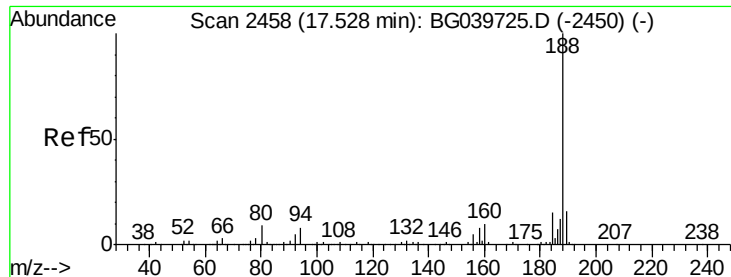


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-C

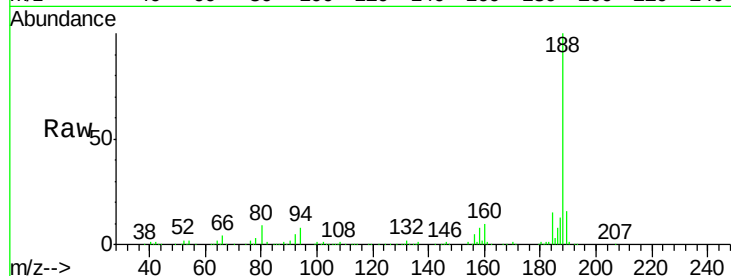
Tgt Ion:188 Resp: 296972

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

80 9.0 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

250000

200000

150000

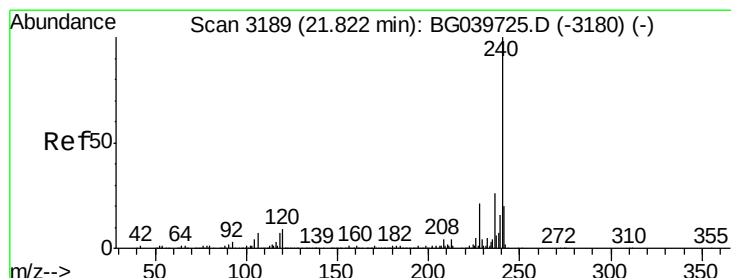
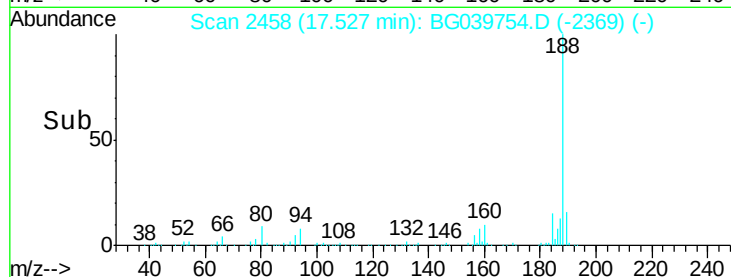
100000

50000

0

17.45 17.50 17.55 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

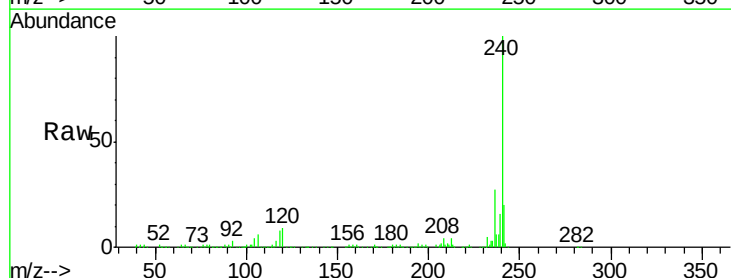
Tgt Ion:240 Resp: 322068

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

236 26.8 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

250000

200000

150000

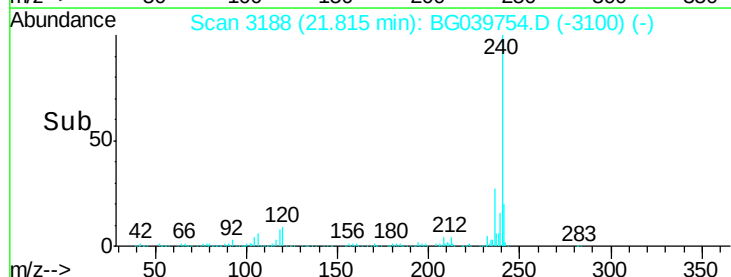
100000

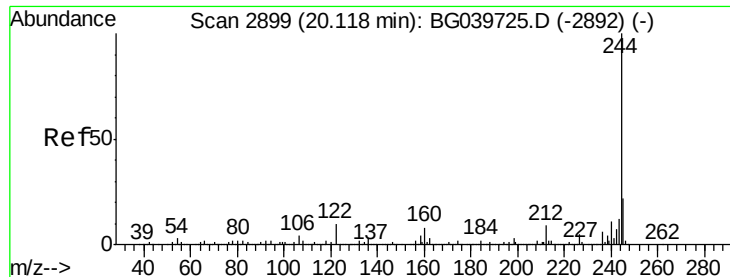
50000

0

21.70 21.80 21.90

Time-->





#79

Terphenyl-d14

Concen: 97.411 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-C

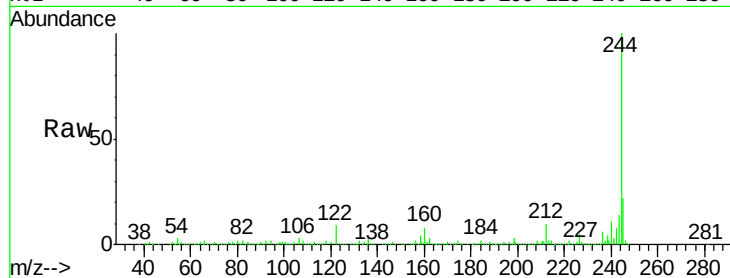
Tgt Ion:244 Resp: 1424870

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

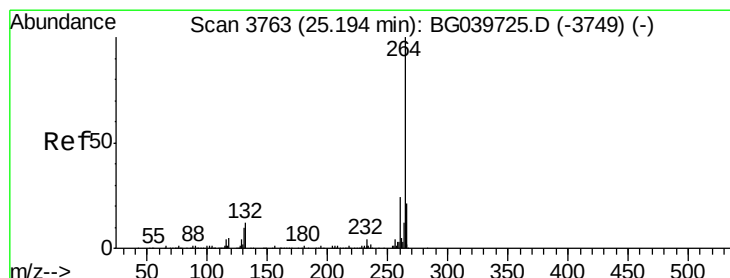
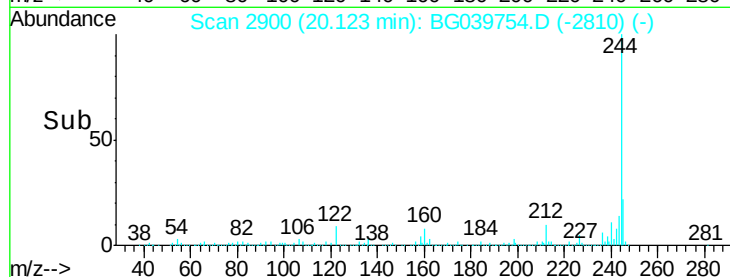
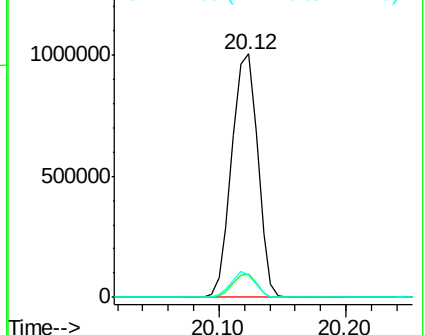
122 9.3 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039754.D

Acq: 5 Mar 2019 6:53

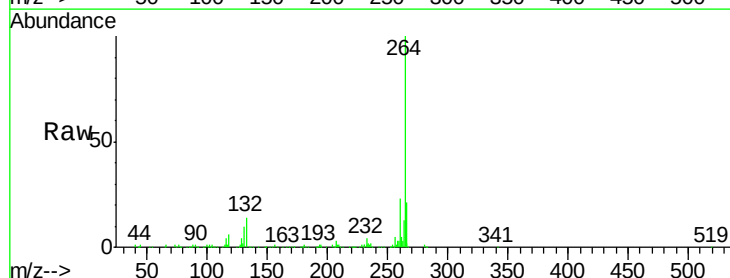
Tgt Ion:264 Resp: 317103

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.5 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

