

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040060.D
 Acq On : 21 Mar 2019 8:26
 Operator : JU/SJ
 Sample : K1688-26
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-C

Quant Time: Mar 21 11:59:45 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	8.14	152	41054	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	173886	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	122006	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	301119	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	300395	20.00	ng	-0.03
87) Perylene-d12	25.16	264	296968	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	339595	141.12	ng	-0.02
7) Phenol-d6	7.29	99	441910	123.16	ng	-0.02
23) Nitrobenzene-d5	9.32	82	345235	107.38	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	218064	153.34	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	811171	94.66	ng	-0.03
79) Terphenyl-d14	20.10	244	1330391	97.51	ng	-0.02

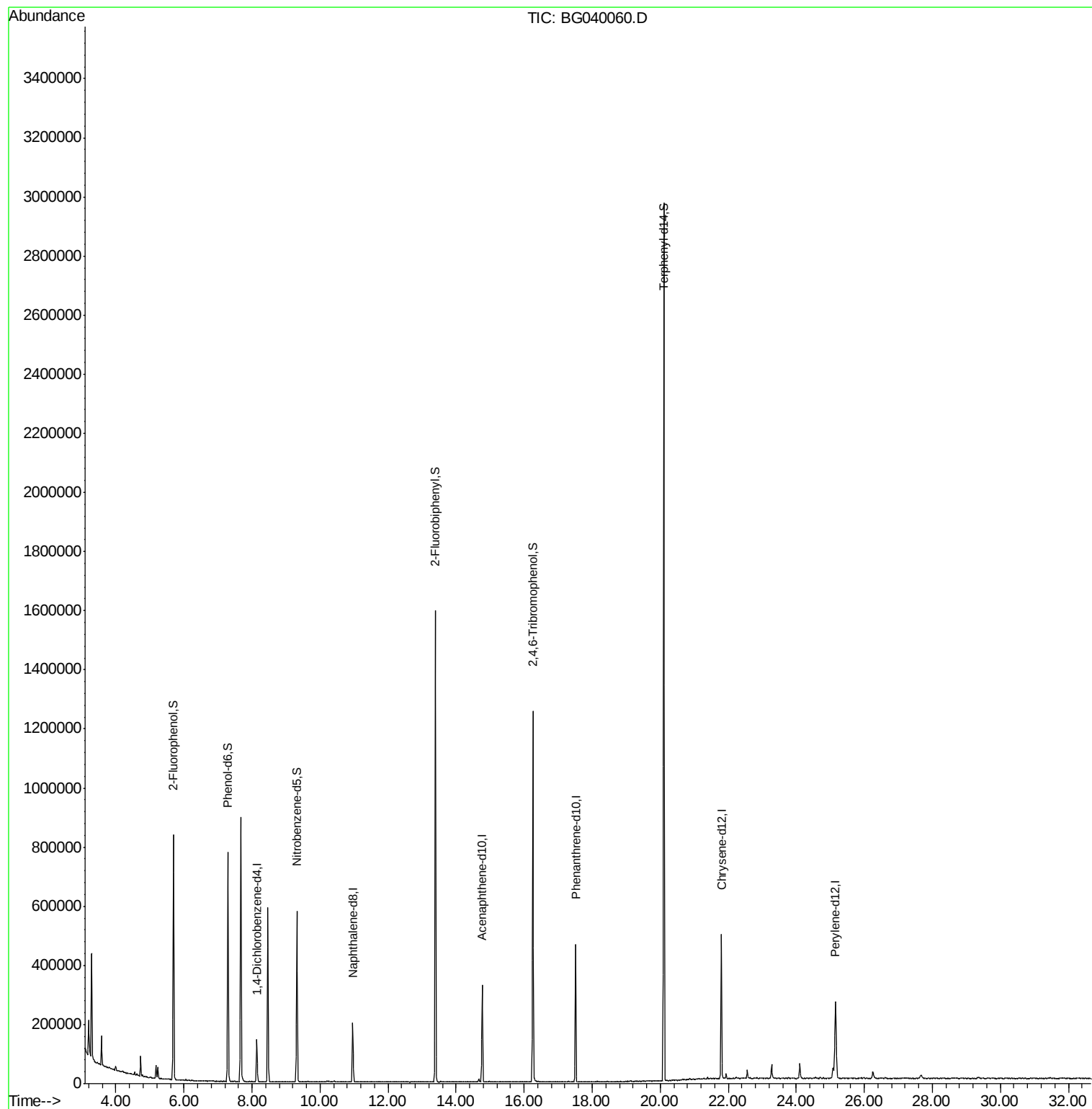
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-C

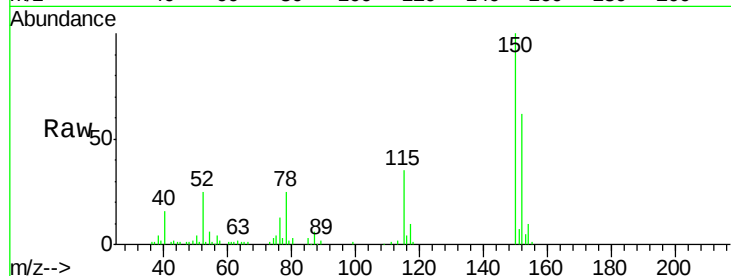
Tgt Ion:152 Resp: 41054

Ion Ratio Lower Upper

152 100

150 161.3 123.7 185.5

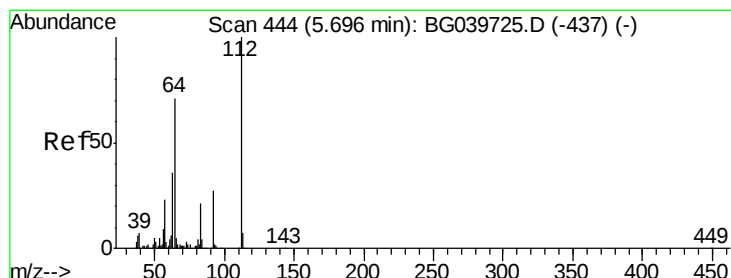
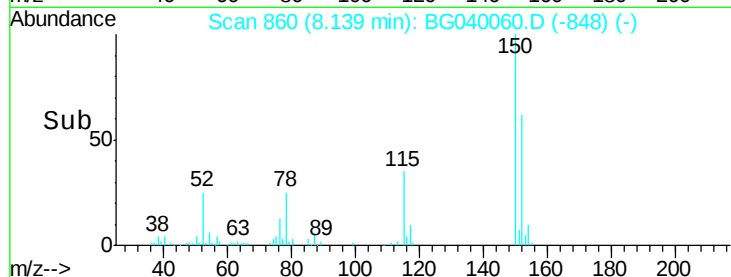
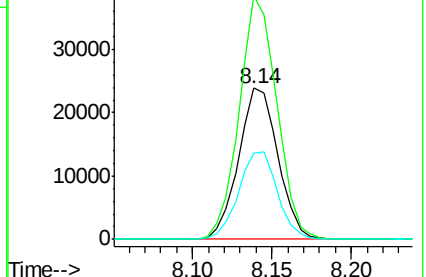
115 57.1 45.9 68.9



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: 141.120 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

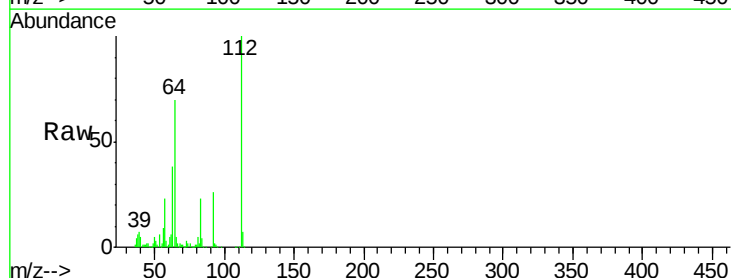
Tgt Ion:112 Resp: 339595

Ion Ratio Lower Upper

112 100

64 70.2 57.8 86.8

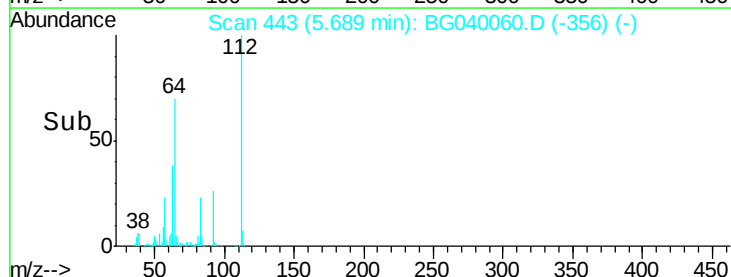
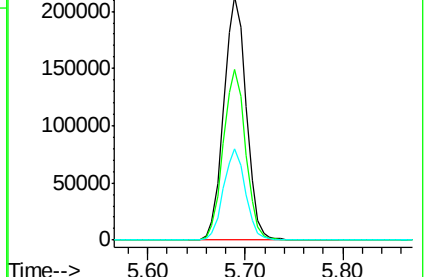
63 37.5 29.8 44.6



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: 123.159 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-C

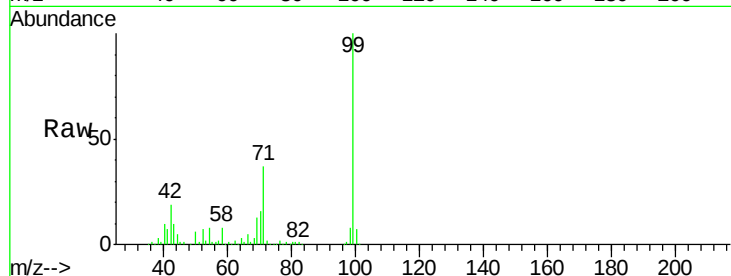
Tgt Ion: 99 Resp: 441910

Ion Ratio Lower Upper

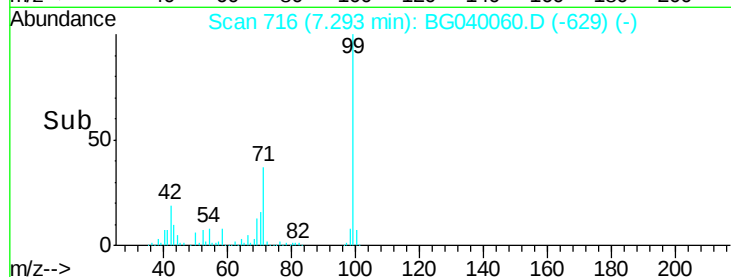
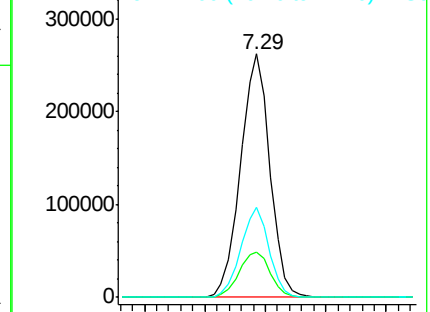
99 100

42 18.8 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

Tgt Ion: 136 Resp: 173886

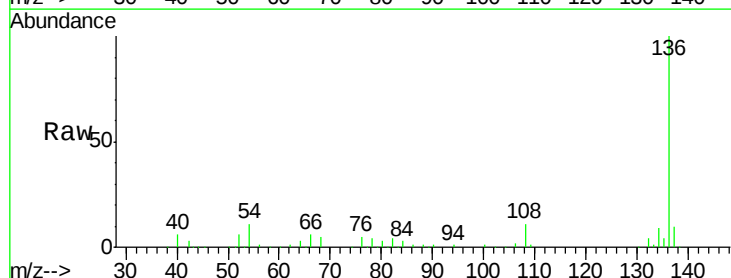
Ion Ratio Lower Upper

136 100

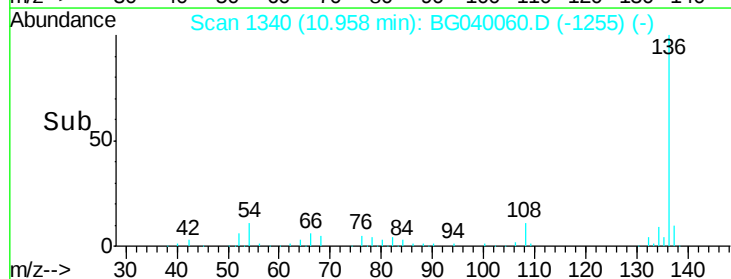
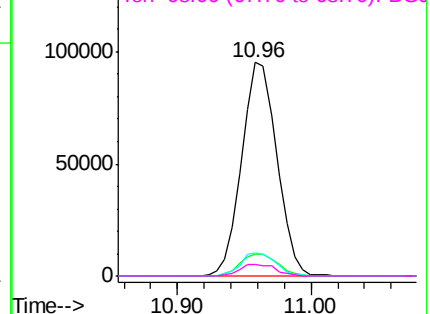
137 10.4 9.1 13.7

54 10.6 9.4 14.2

68 5.4 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

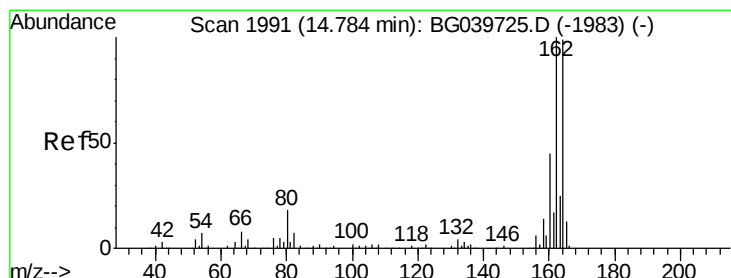
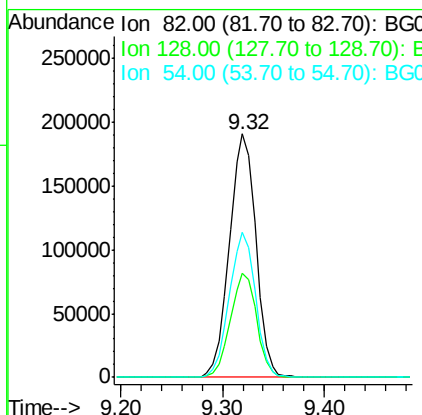
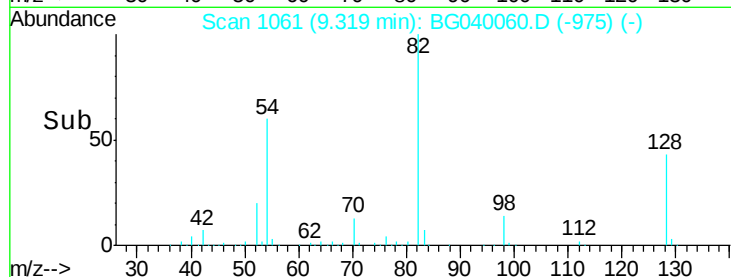
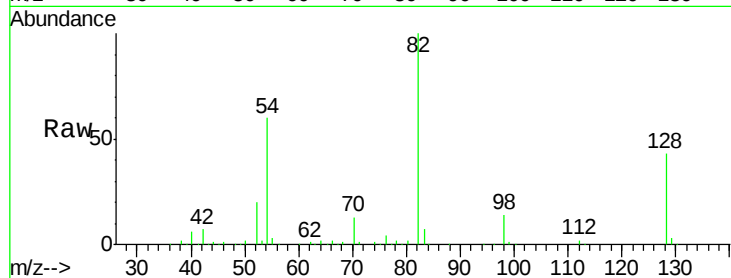




#23
Nitrobenzene-d5
Concen: 107.379 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

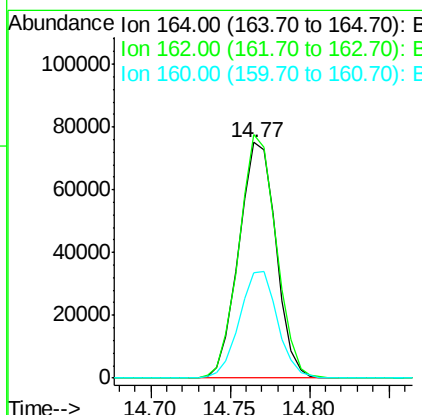
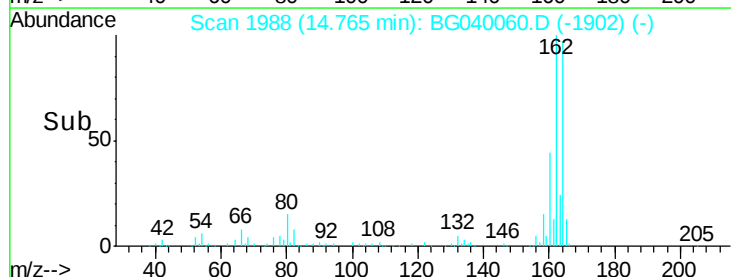
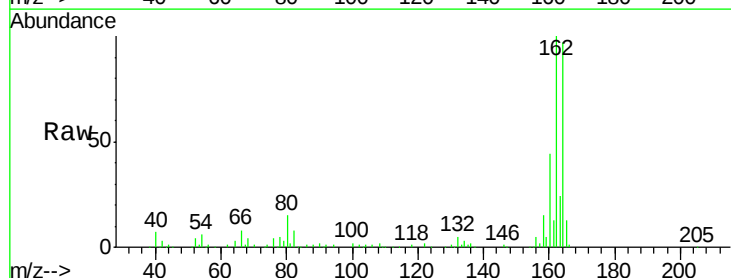
Instrument :
BNA_G
ClientSampleId :
JC-02-031919-C

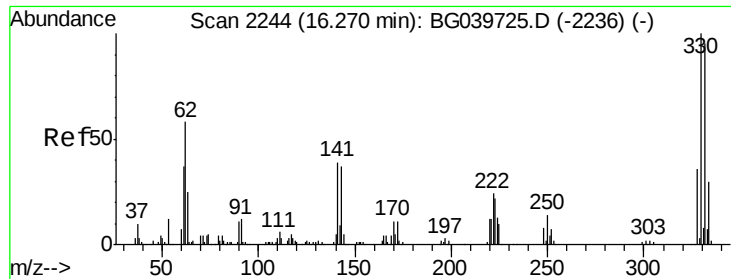
Tgt Ion: 82 Resp: 345235
Ion Ratio Lower Upper
82 100
128 42.8 31.3 46.9
54 59.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion: 164 Resp: 122006
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 45.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 153.343 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-C

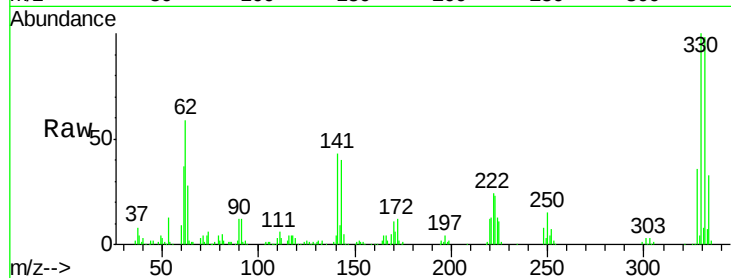
Tgt Ion:330 Resp: 218064

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

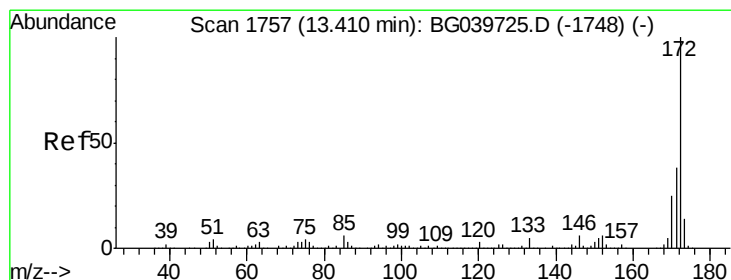
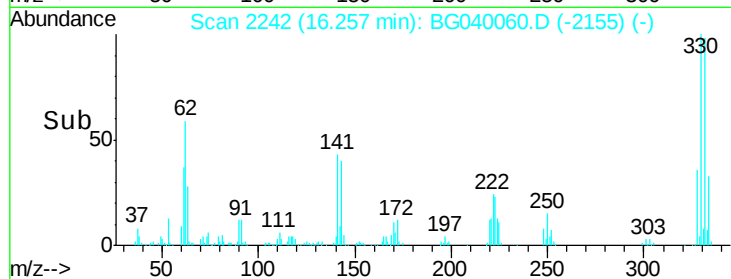
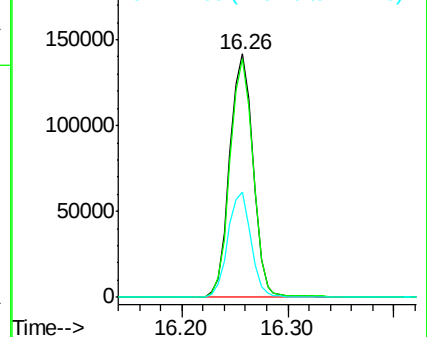
141 42.8 35.6 53.4



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: 94.665 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.03 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

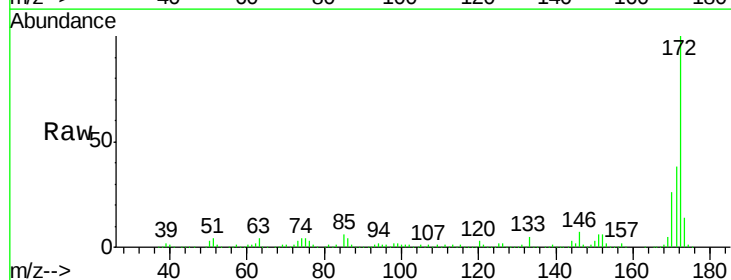
Tgt Ion:172 Resp: 811171

Ion Ratio Lower Upper

172 100

171 37.8 30.8 46.2

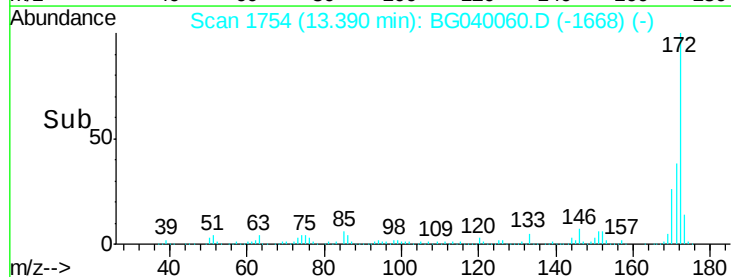
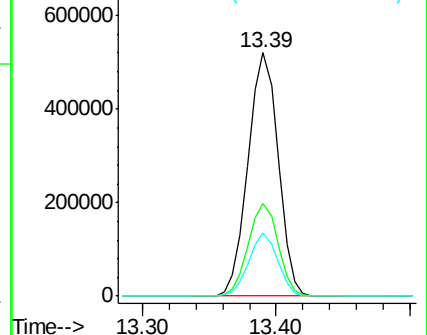
170 25.9 20.2 30.4



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

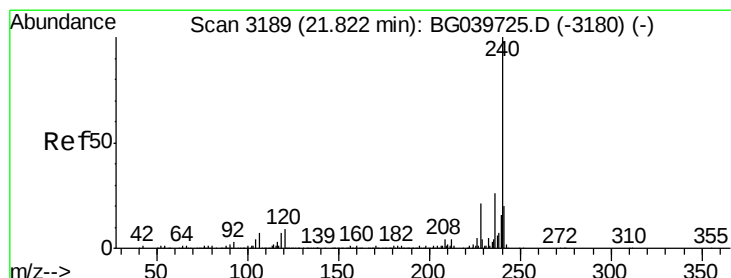
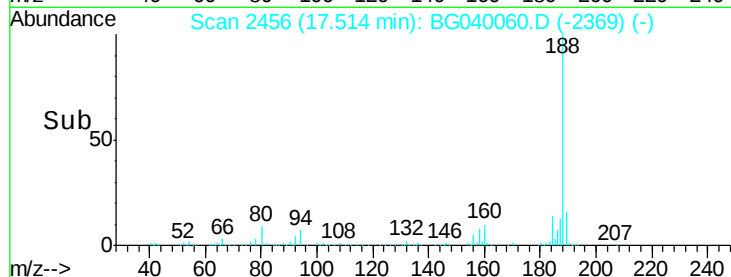
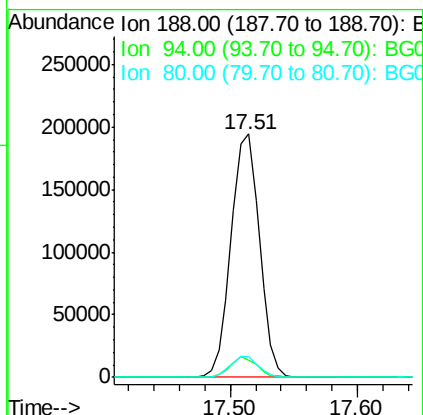
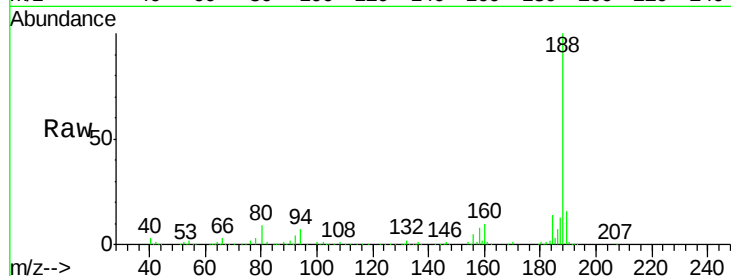




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

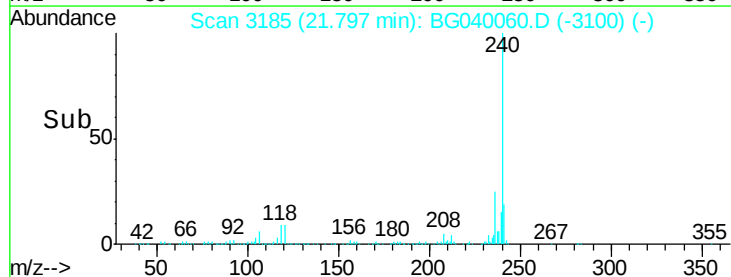
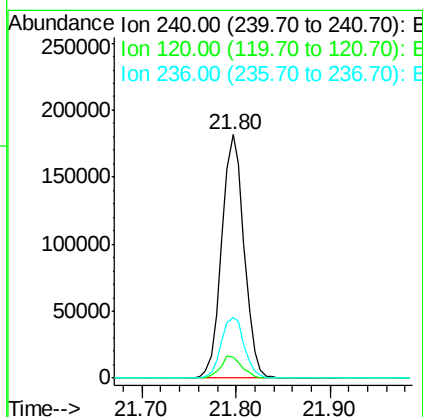
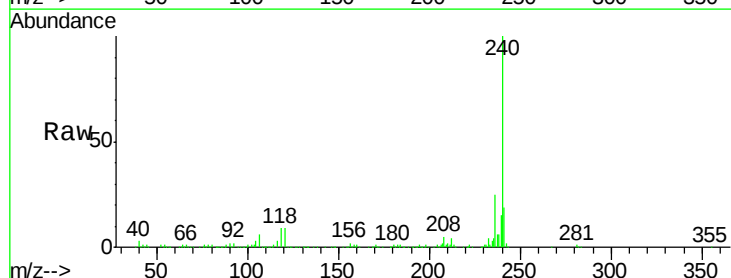
Instrument :
BNA_G
ClientSampleId :
JC-02-031919-C

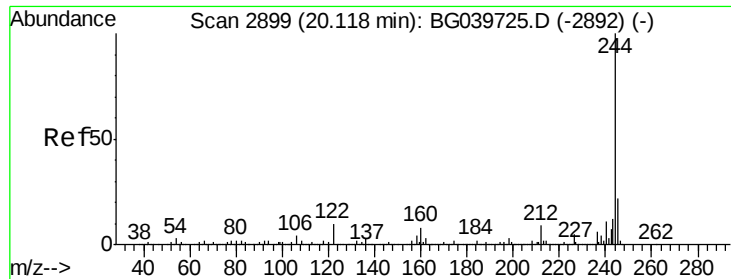
Tgt Ion:188 Resp: 301119
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040060.D
Acq: 21 Mar 2019 8:26

Tgt Ion:240 Resp: 300395
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.0 21.0 31.4





#79

Terphenyl-d14

Concen: 97.514 ng

RT: 20.10 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-C

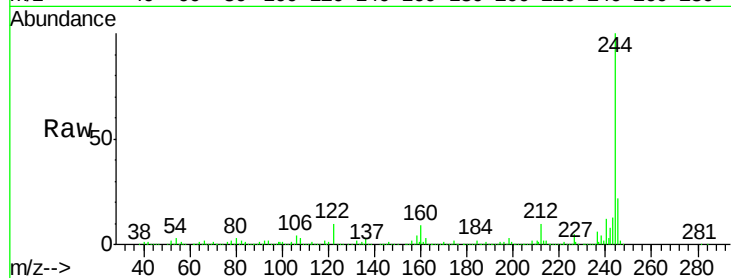
Tgt Ion:244 Resp: 1330391

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

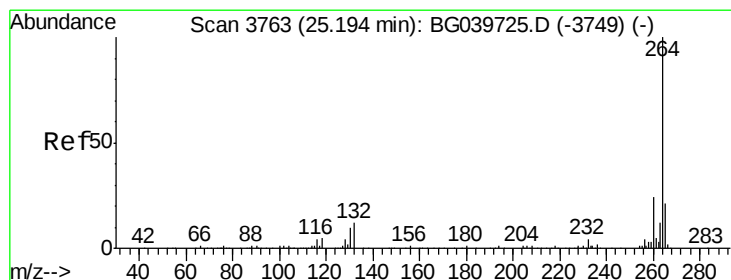
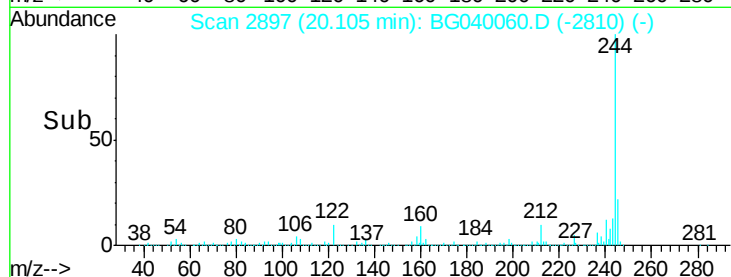
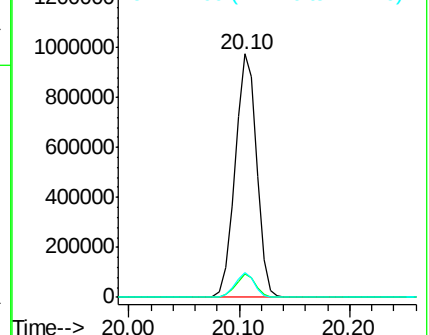
122 10.2 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040060.D

Acq: 21 Mar 2019 8:26

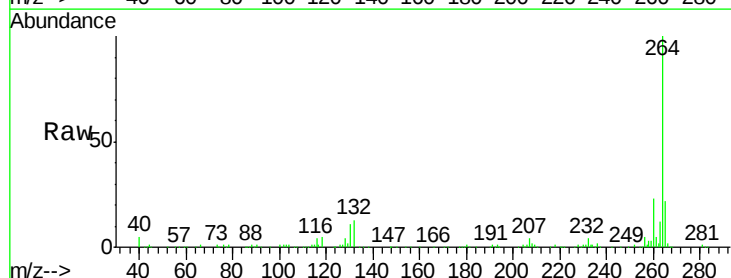
Tgt Ion:264 Resp: 296968

Ion Ratio Lower Upper

264 100

260 22.5 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

