

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040059.D
 Acq On : 21 Mar 2019 7:46
 Operator : JU/SJ
 Sample : K1688-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 21 11:59:02 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	8.15	152	36867	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	165349	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	115243	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	291014	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	292778	20.00	ng	-0.03
87) Perylene-d12	25.15	264	287888	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	289019	133.74	ng	-0.02
7) Phenol-d6	7.29	99	370514	114.99	ng	-0.02
23) Nitrobenzene-d5	9.32	82	296642	97.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	193509	144.06	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	727386	89.87	ng	-0.02
79) Terphenyl-d14	20.11	244	1225144	92.14	ng	-0.02

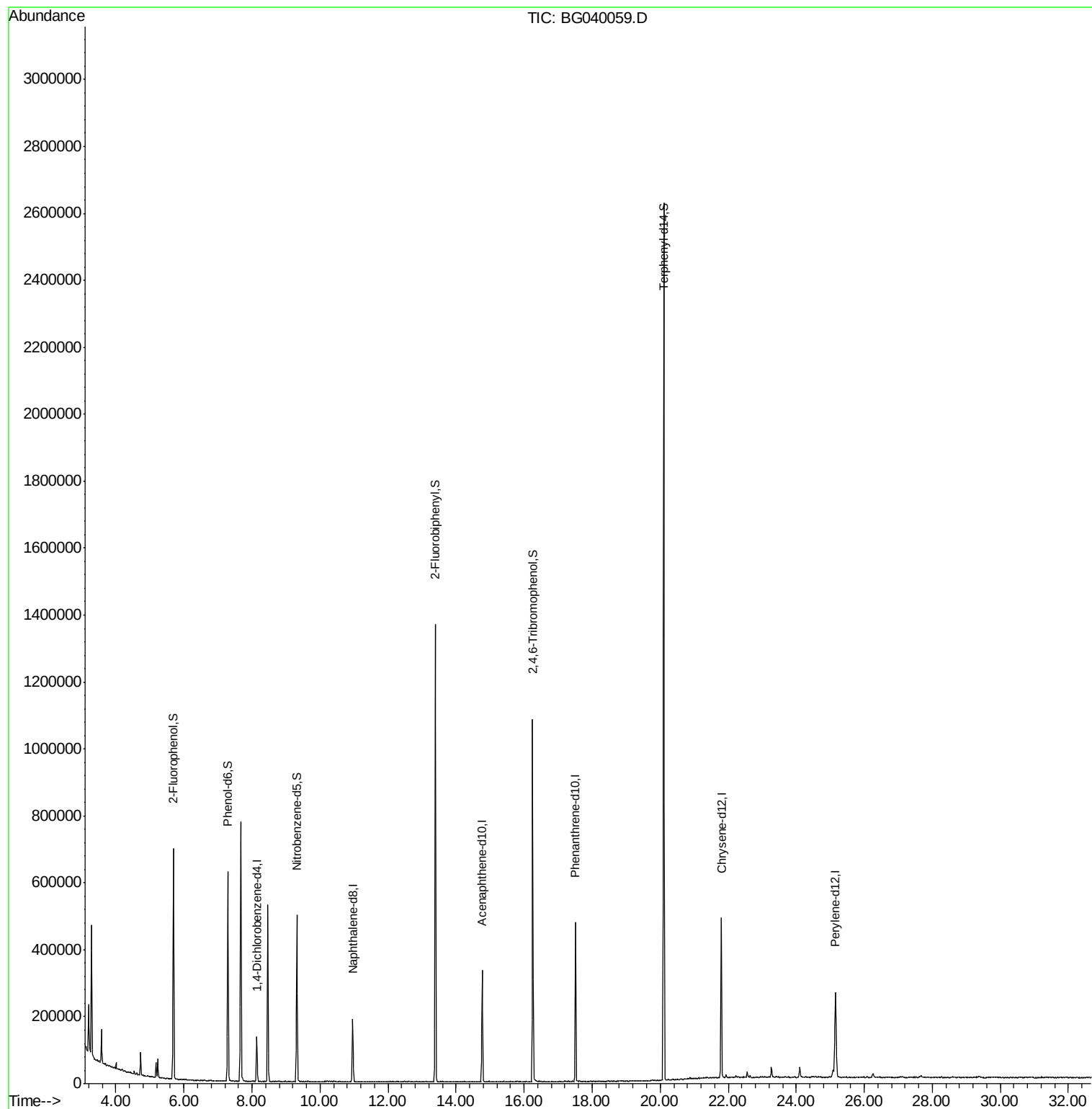
Target Compounds	Qvalue
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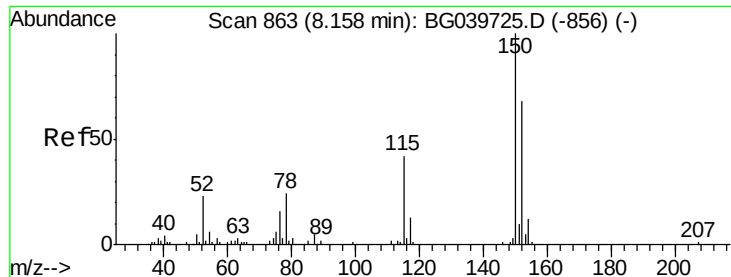
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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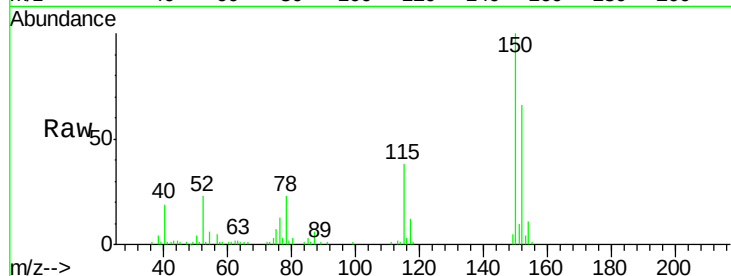


#1

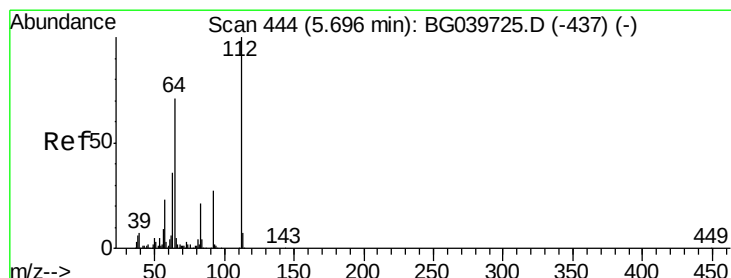
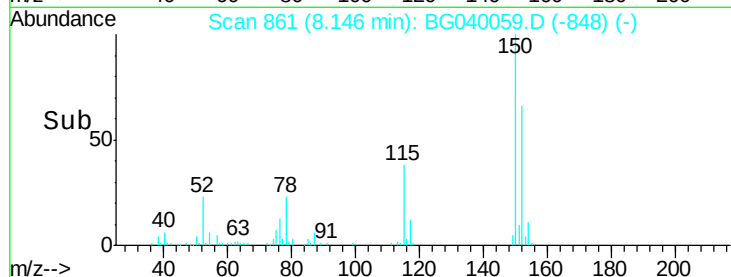
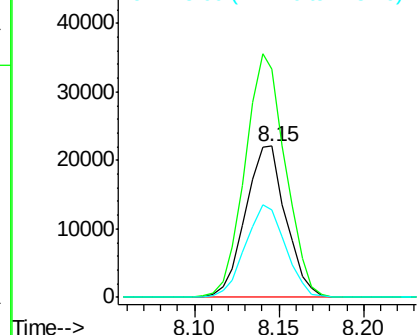
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG040059.D
 Acq: 21 Mar 2019 7:46

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

Tgt Ion:152 Resp: 36867
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.7 185.5
 115 57.5 45.9 68.9



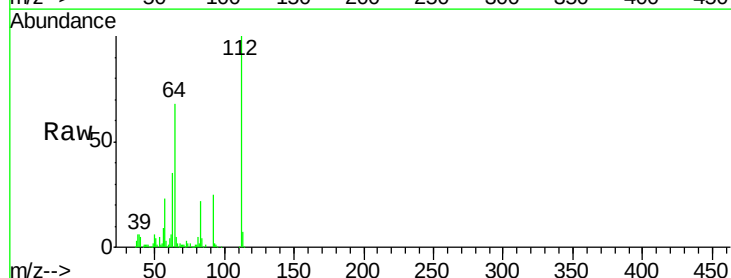
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



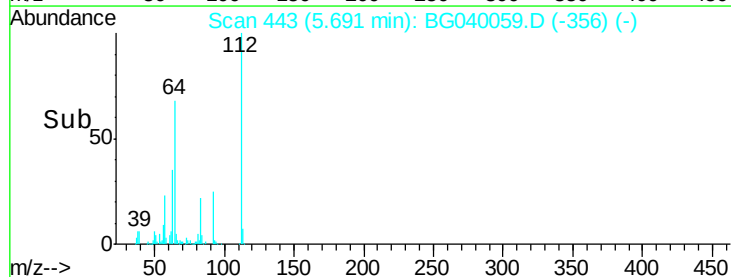
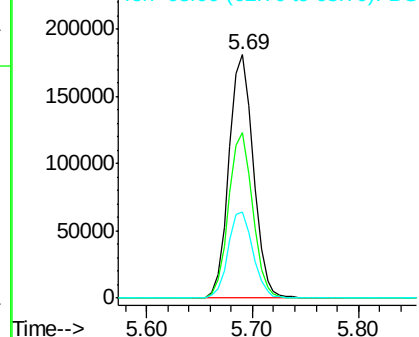
#5

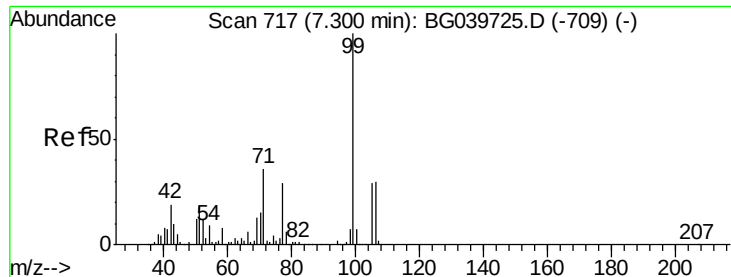
2-Fluorophenol
 Concen: 133.743 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040059.D
 Acq: 21 Mar 2019 7:46

Tgt Ion:112 Resp: 289019
 Ion Ratio Lower Upper
 112 100
 64 67.8 57.8 86.8
 63 35.2 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: 114.988 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040059.D

Acq: 21 Mar 2019 7:46

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-B

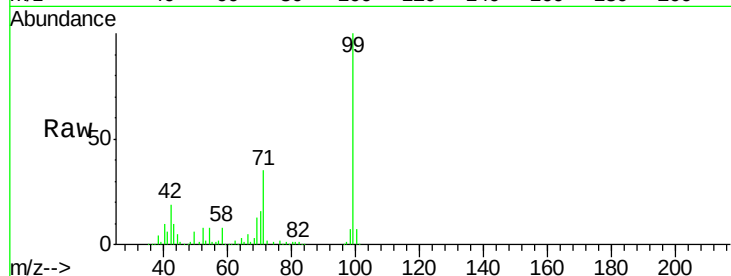
Tgt Ion: 99 Resp: 370514

Ion Ratio Lower Upper

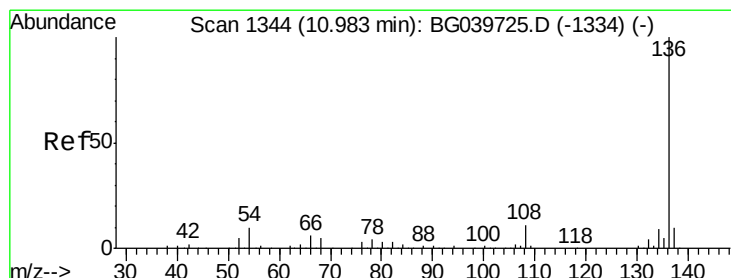
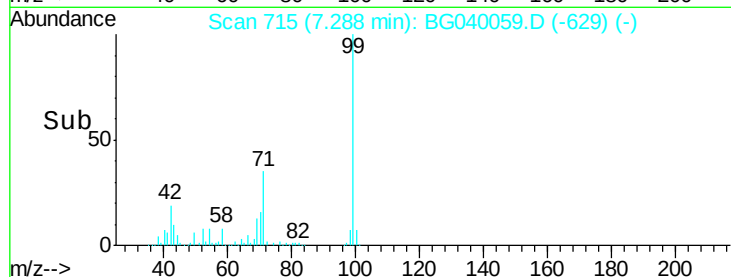
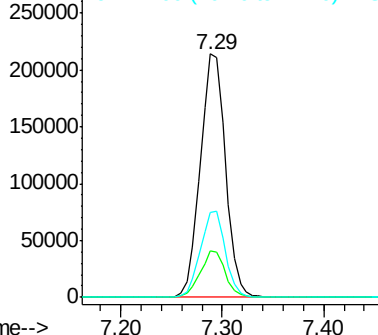
99 100

42 19.0 18.2 27.2

71 34.9 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: BG040059.D

Acq: 21 Mar 2019 7:46

Tgt Ion: 136 Resp: 165349

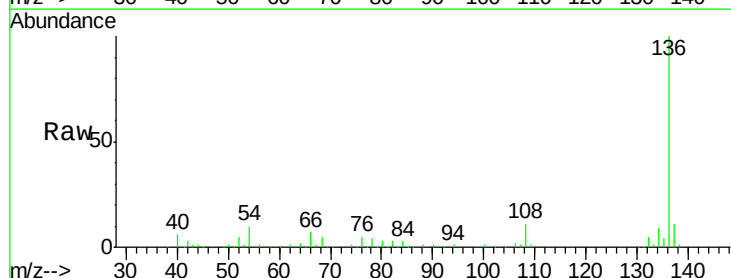
Ion Ratio Lower Upper

136 100

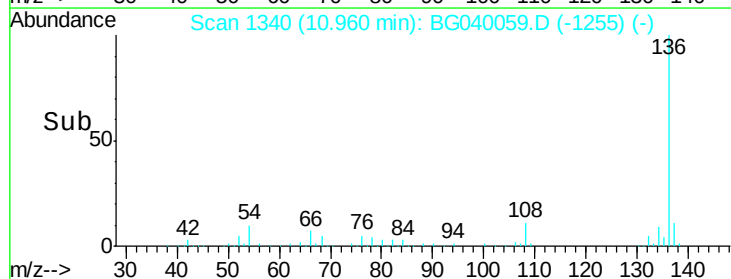
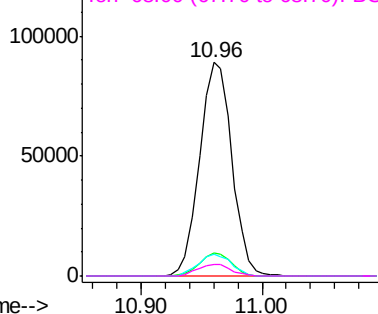
137 11.1 9.1 13.7

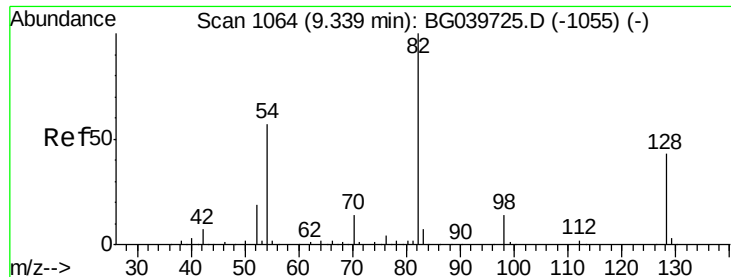
54 10.1 9.4 14.2

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

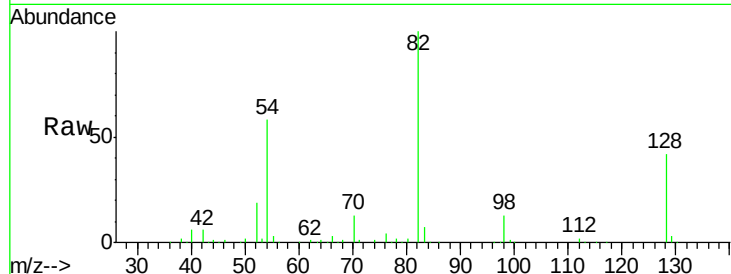




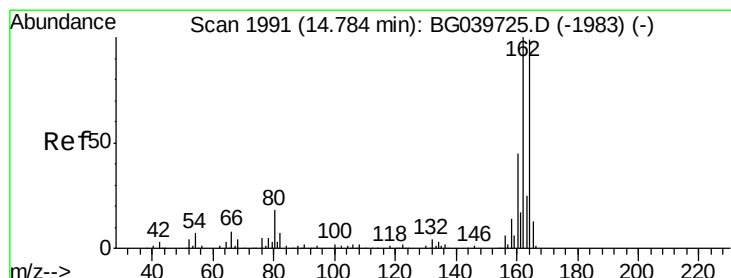
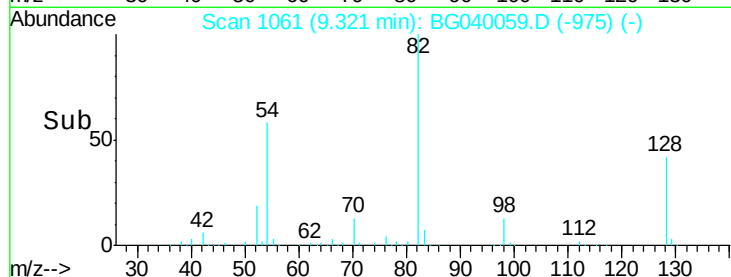
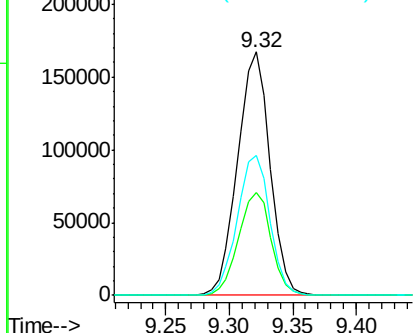
#23
Nitrobenzene-d5
Concen: 97.029 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040059.D
Acq: 21 Mar 2019 7:46

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

Tgt Ion: 82 Resp: 296642
Ion Ratio Lower Upper
82 100
128 42.3 31.3 46.9
54 57.6 50.9 76.3

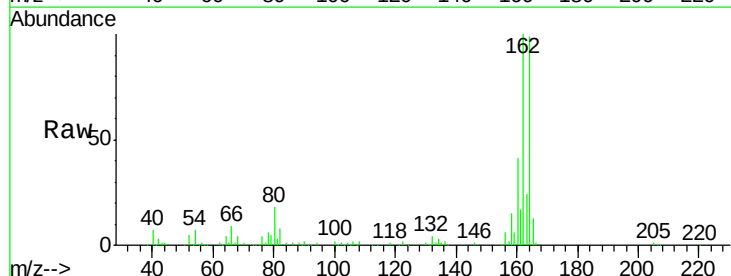


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

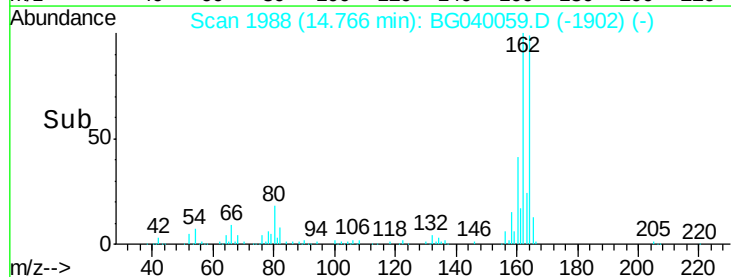
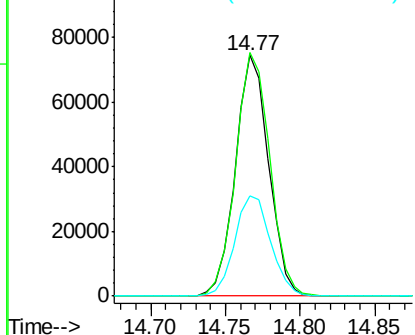


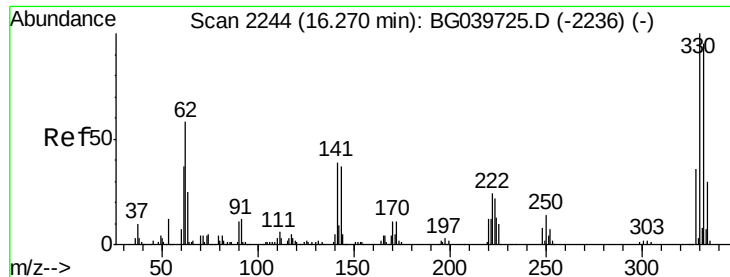
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040059.D
Acq: 21 Mar 2019 7:46

Tgt Ion: 164 Resp: 115243
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 41.9 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: 144.061 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040059.D

Acq: 21 Mar 2019 7:46

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-B

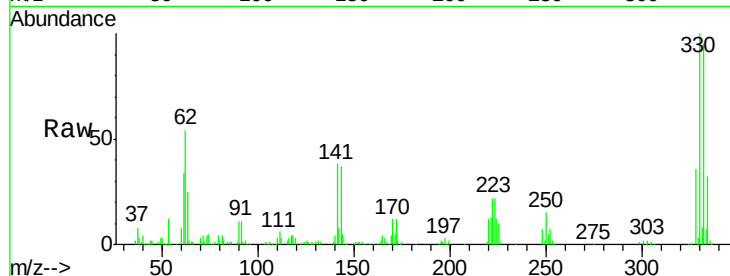
Tgt Ion:330 Resp: 193509

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

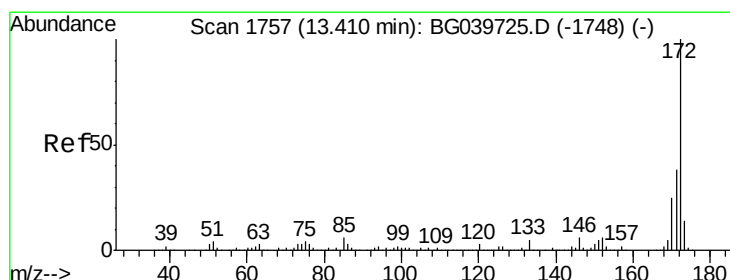
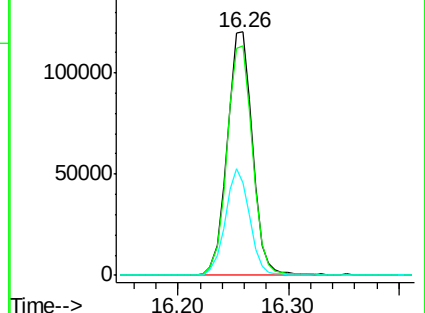
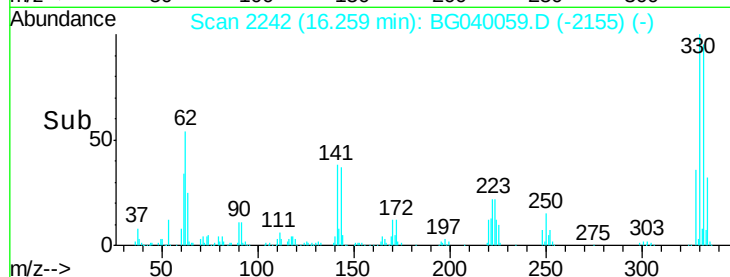
141 41.7 35.6 53.4



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: 89.869 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040059.D

Acq: 21 Mar 2019 7:46

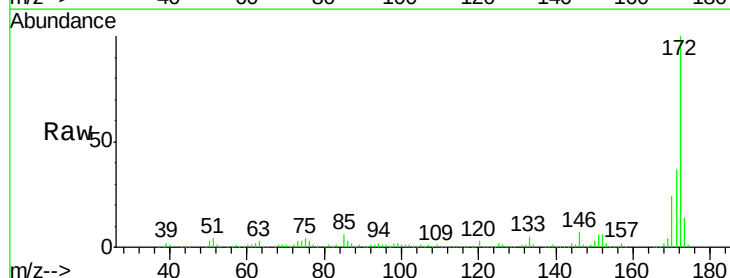
Tgt Ion:172 Resp: 727386

Ion Ratio Lower Upper

172 100

171 36.8 30.8 46.2

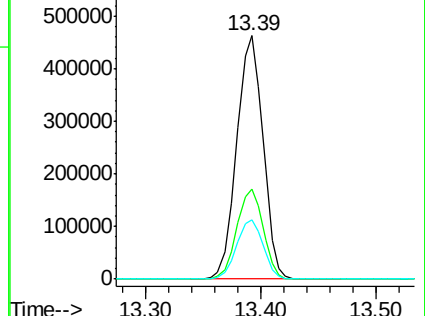
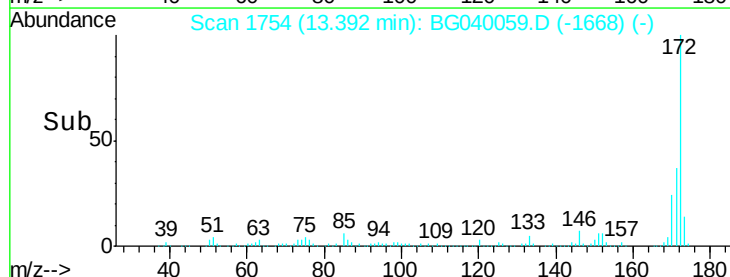
170 24.5 20.2 30.4

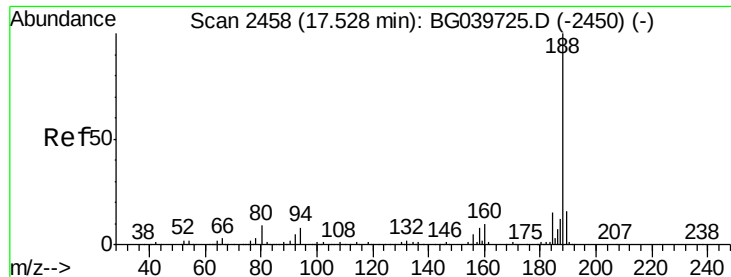


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

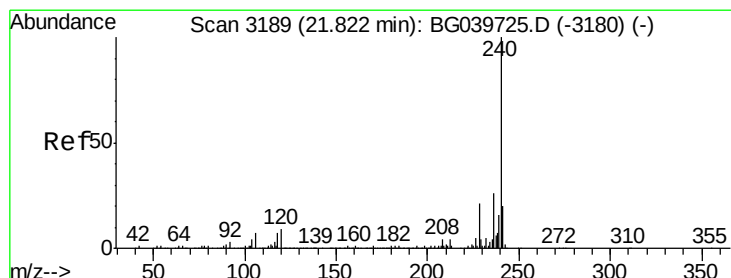
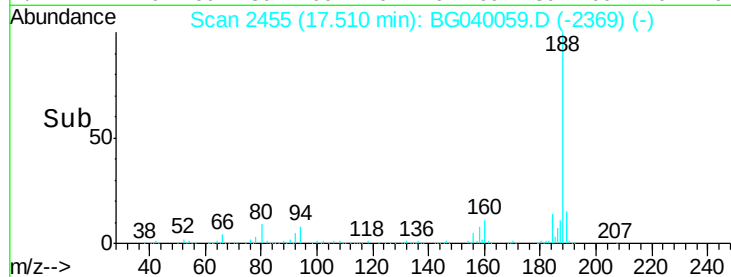
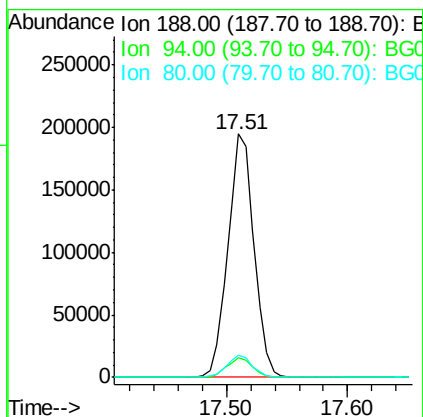
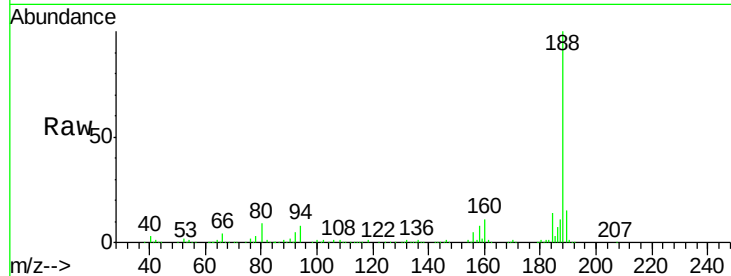




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040059.D
Acq: 21 Mar 2019 7:46

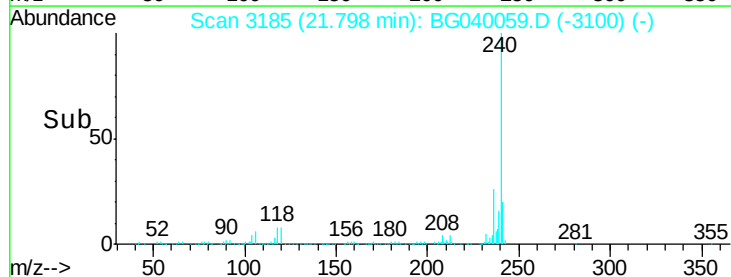
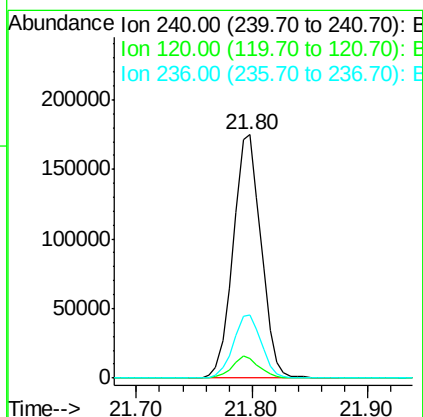
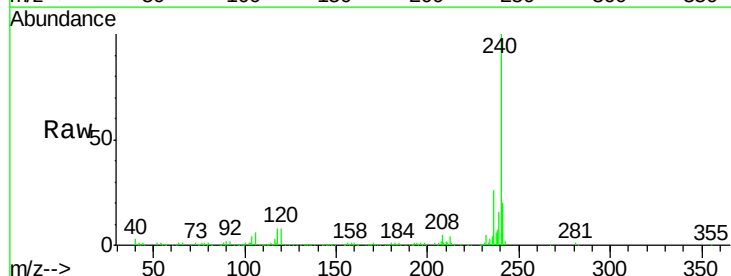
Instrument :
BNA_G
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JC-02-031919-B

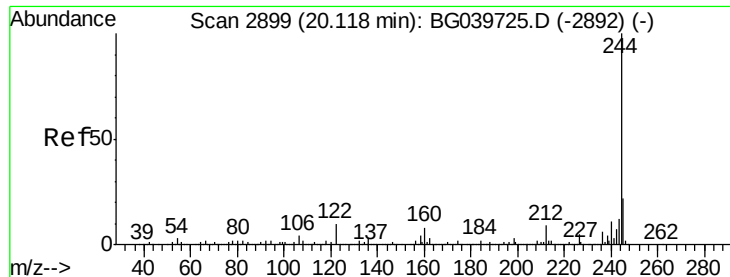
Tgt Ion:188 Resp: 291014
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040059.D
Acq: 21 Mar 2019 7:46

Tgt Ion:240 Resp: 292778
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 92.136 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040059.D

Acq: 21 Mar 2019 7:46

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-B

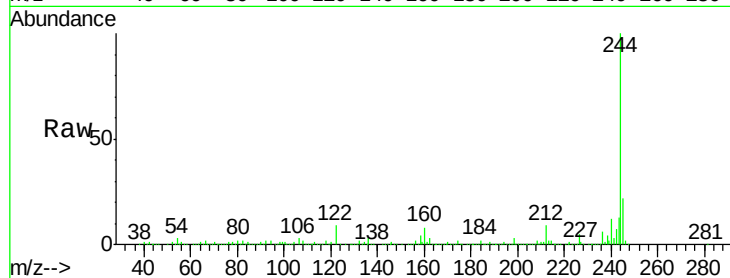
Tgt Ion:244 Resp: 1225144

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

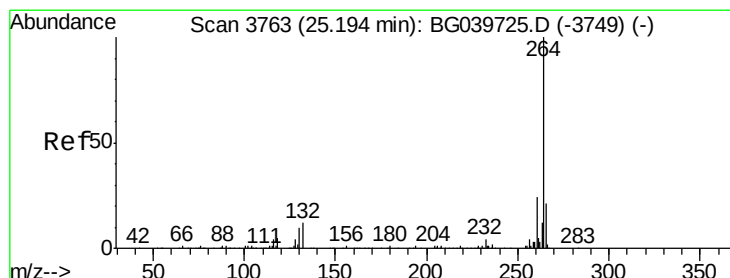
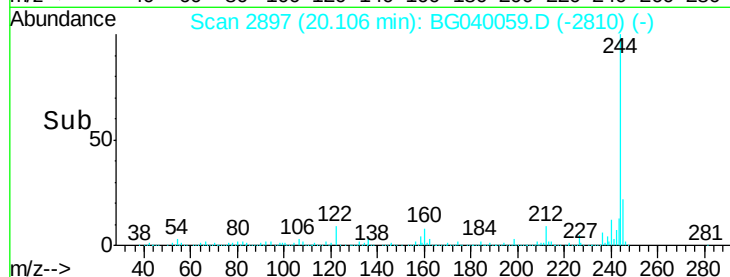
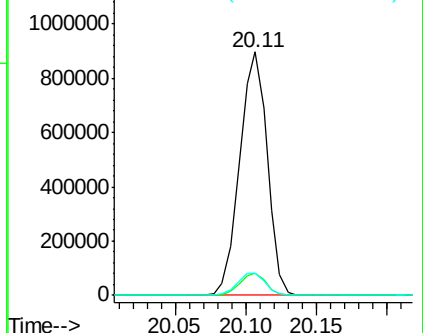
122 9.2 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040059.D

Acq: 21 Mar 2019 7:46

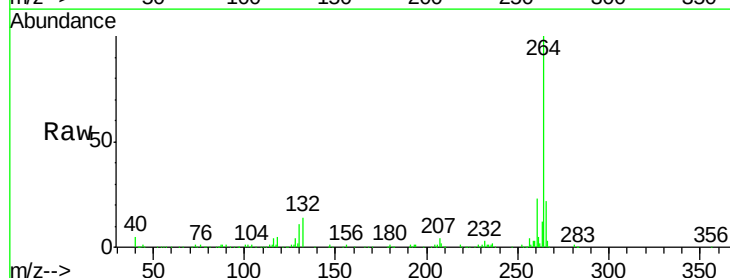
Tgt Ion:264 Resp: 287888

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.6 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

