

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039755.D
 Acq On : 5 Mar 2019 7:32
 Operator : JU/SJ
 Sample : K1688-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Mar 05 08:11:37 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	42265	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	182132	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	128701	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	334671	20.00	ng	0.00
76) Chrysene-d12	21.82	240	348398	20.00	ng	-0.01
87) Perylene-d12	25.18	264	345424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	325695	131.47	ng	0.00
7) Phenol-d6	7.30	99	423291	114.59	ng	-0.01
23) Nitrobenzene-d5	9.33	82	308907	91.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	226236	150.81	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	754296	83.45	ng	-0.01
79) Terphenyl-d14	20.12	244	1392456	88.00	ng	0.00

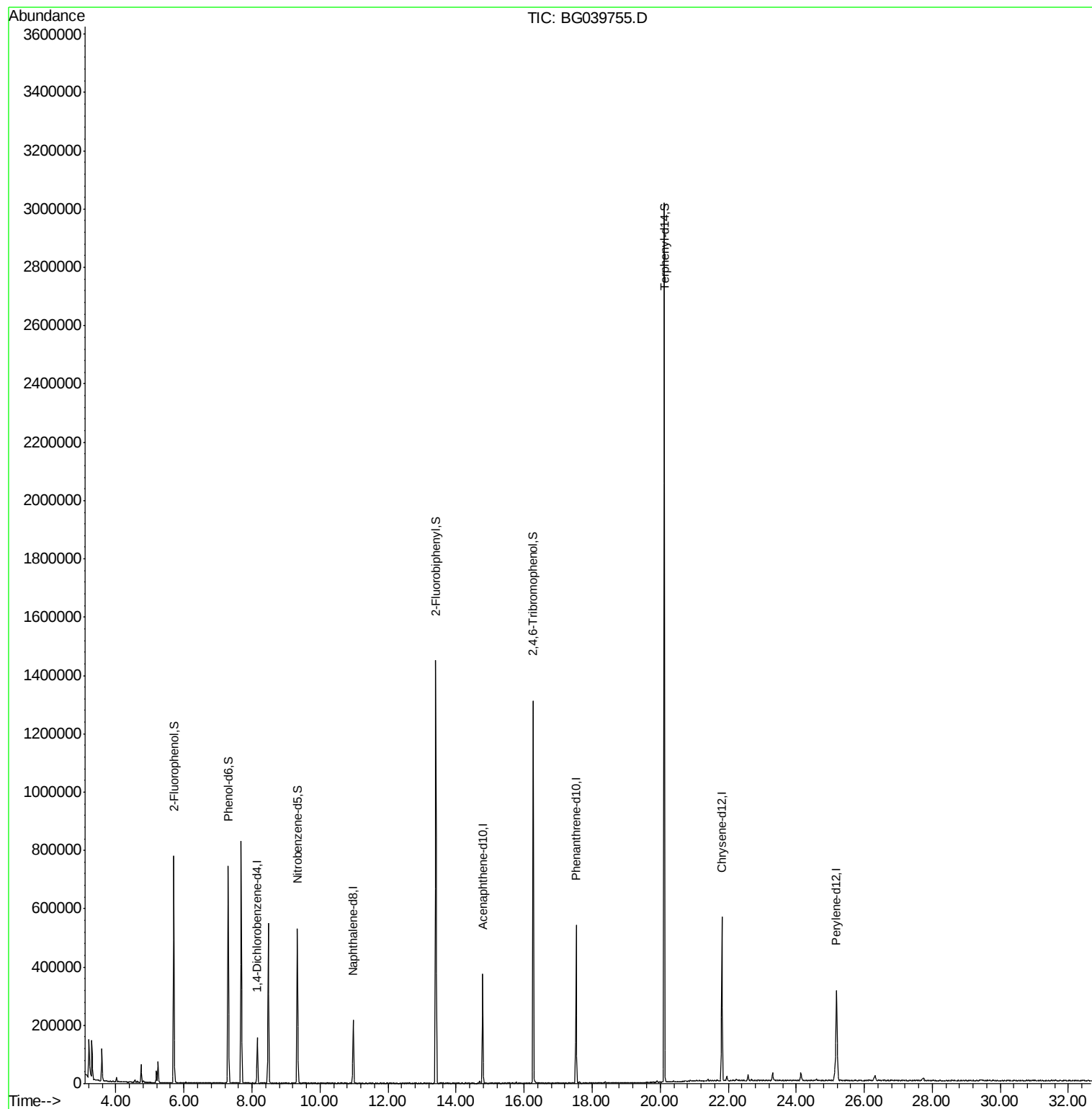
Target Compounds	Qvalue
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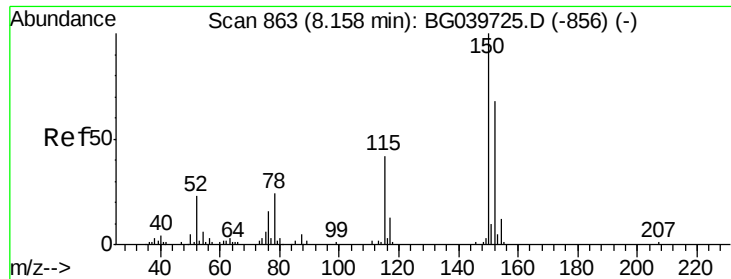
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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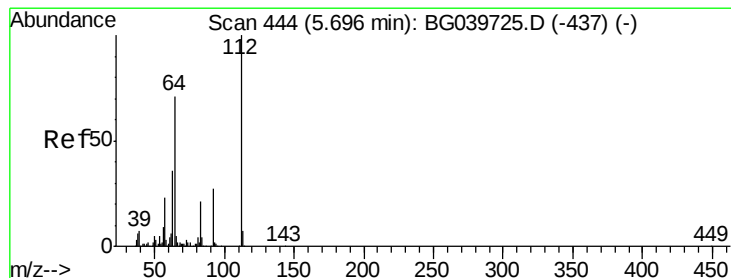
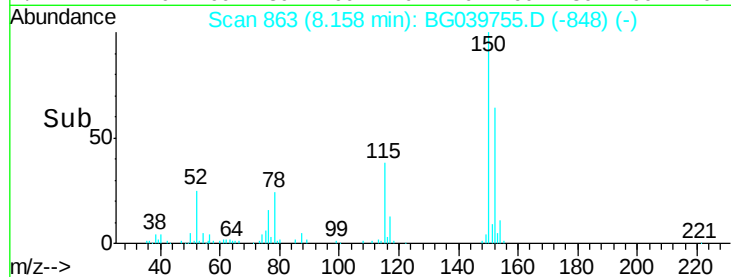
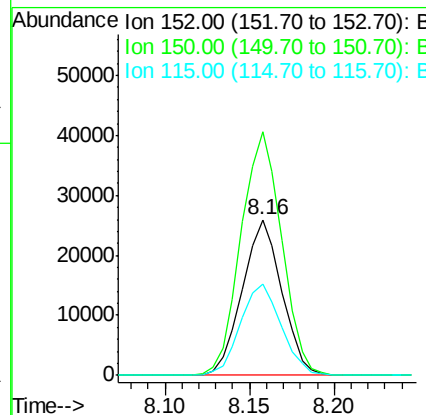
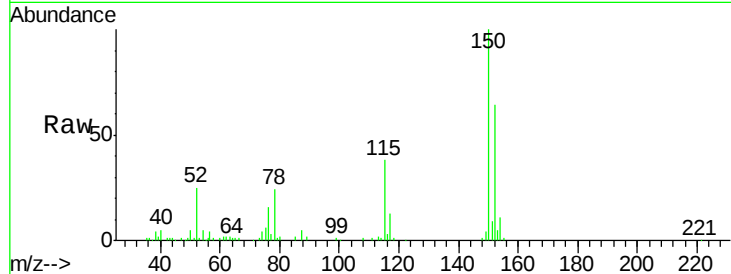


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039755.D
Acq: 5 Mar 2019 7:32

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

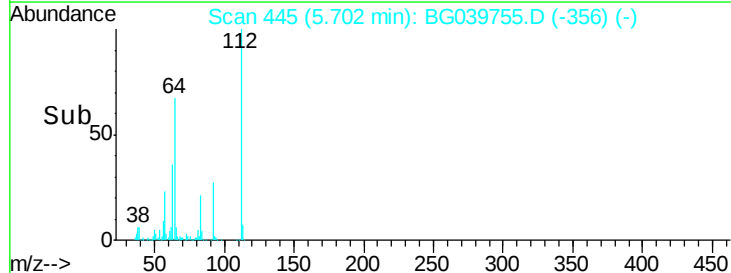
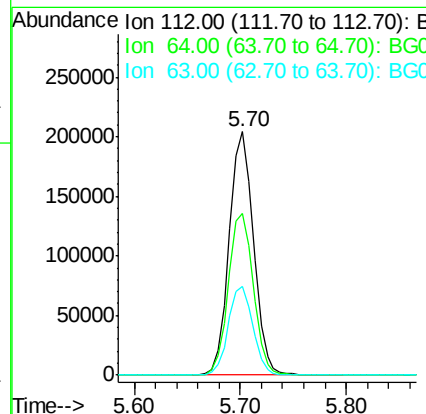
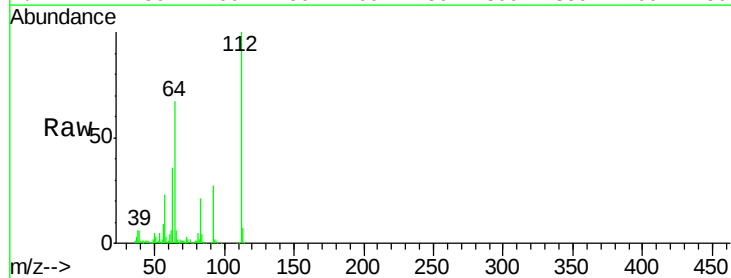
Tgt Ion:152 Resp: 42265
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 58.8 45.9 68.9

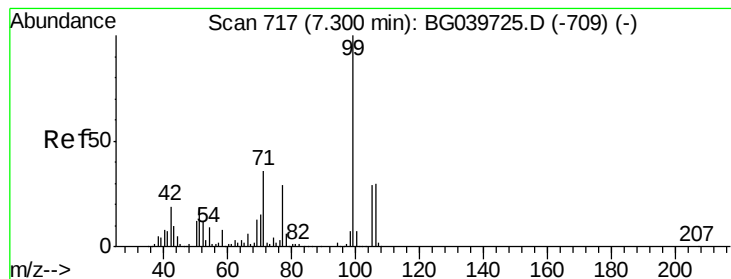


#5

2-Fluorophenol
Concen: 131.465 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039755.D
Acq: 5 Mar 2019 7:32

Tgt Ion:112 Resp: 325695
Ion Ratio Lower Upper
112 100
64 66.5 57.8 86.8
63 36.5 29.8 44.6





#7

Phenol-d6

Concen: 114.590 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039755.D

Acq: 5 Mar 2019 7:32

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-E

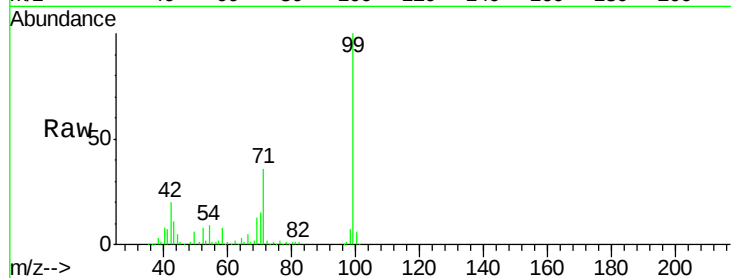
Tgt Ion: 99 Resp: 423291

Ion Ratio Lower Upper

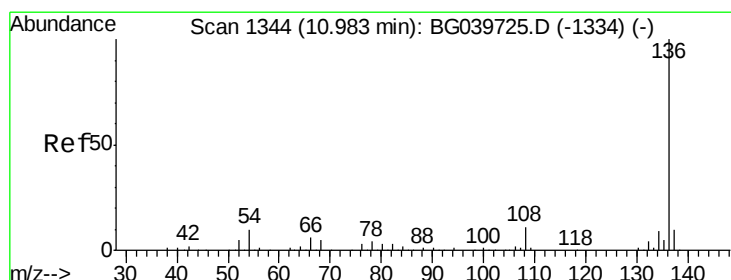
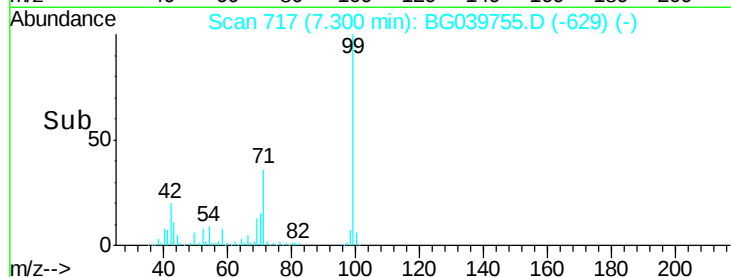
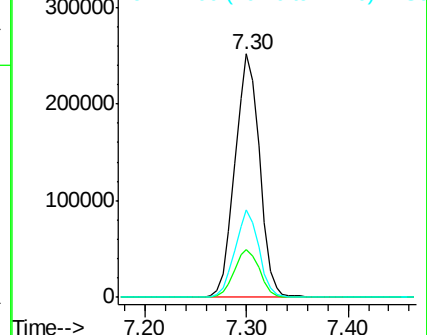
99 100

42 19.7 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: BG039755.D

Acq: 5 Mar 2019 7:32

Tgt Ion: 136 Resp: 182132

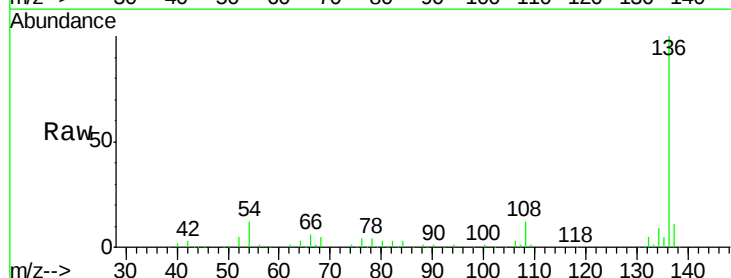
Ion Ratio Lower Upper

136 100

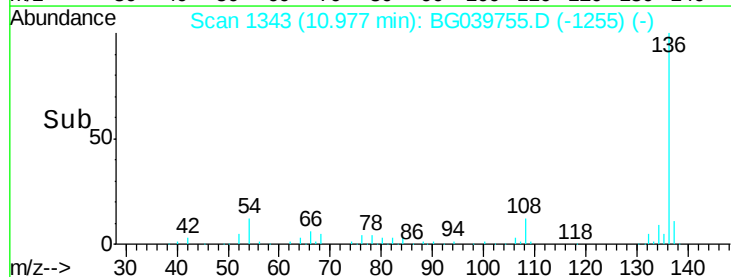
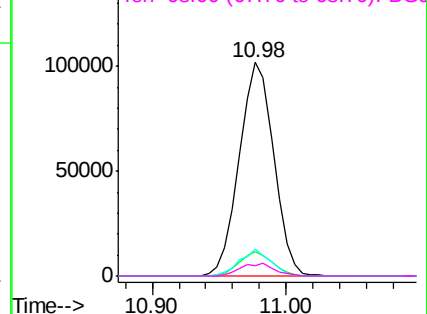
137 11.5 9.1 13.7

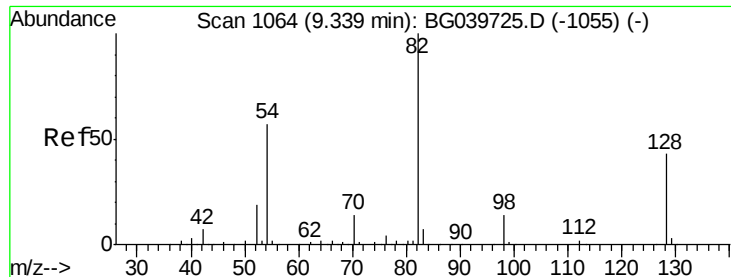
54 12.4 9.4 14.2

68 5.0 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

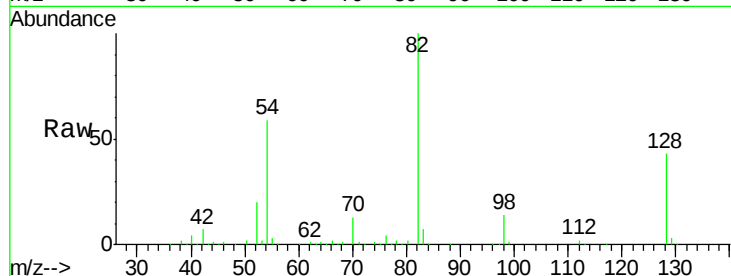




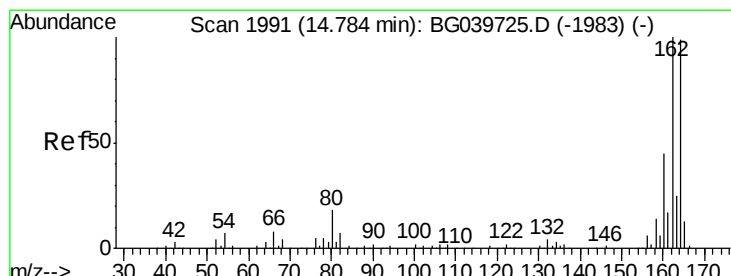
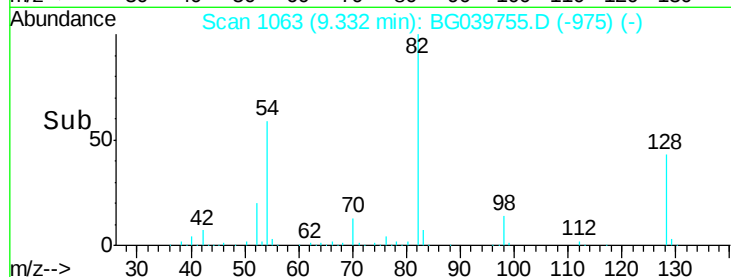
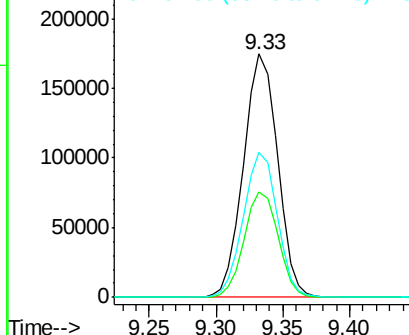
#23
Nitrobenzene-d5
Concen: 91.730 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039755.D
Acq: 5 Mar 2019 7:32

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

Tgt Ion: 82 Resp: 308907
Ion Ratio Lower Upper
82 100
128 43.5 31.3 46.9
54 59.4 50.9 76.3

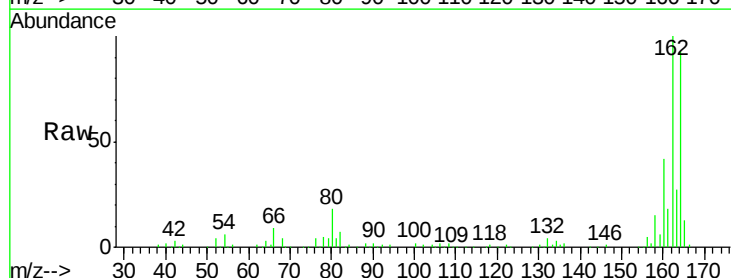


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

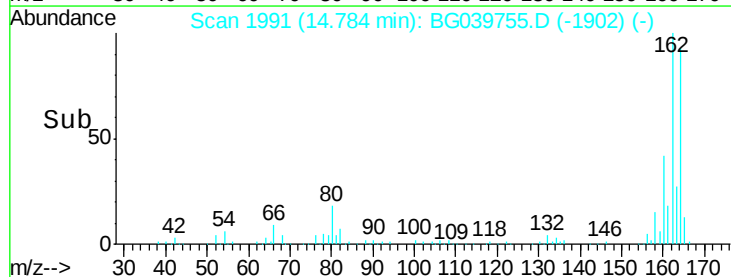
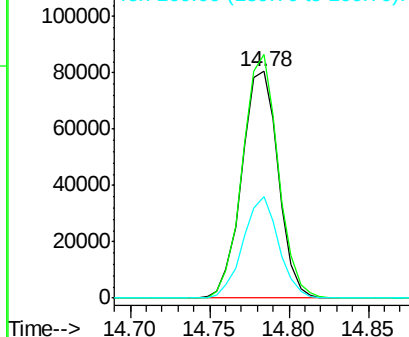


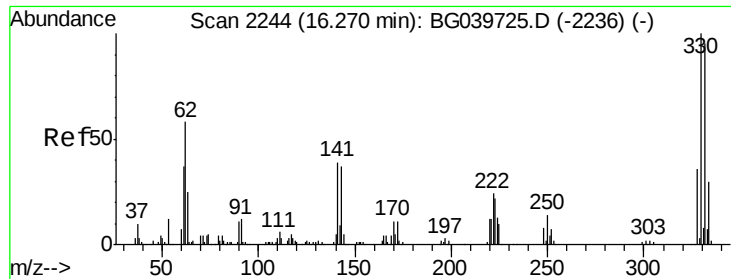
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039755.D
Acq: 5 Mar 2019 7:32

Tgt Ion: 164 Resp: 128701
Ion Ratio Lower Upper
164 100
162 107.4 81.6 122.4
160 44.9 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: 150.813 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039755.D

Acq: 5 Mar 2019 7:32

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-E

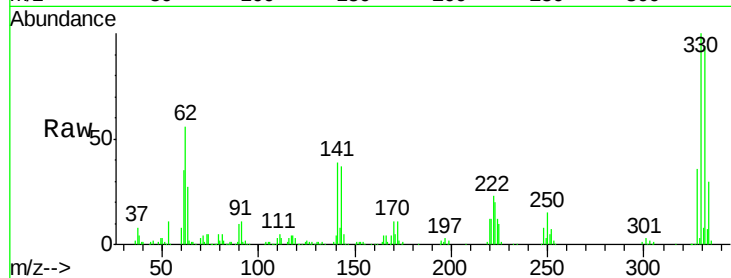
Tgt Ion:330 Resp: 226236

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

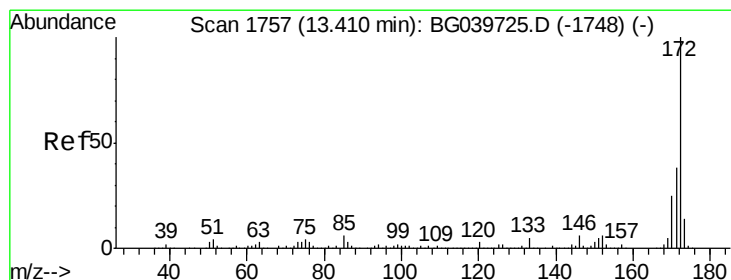
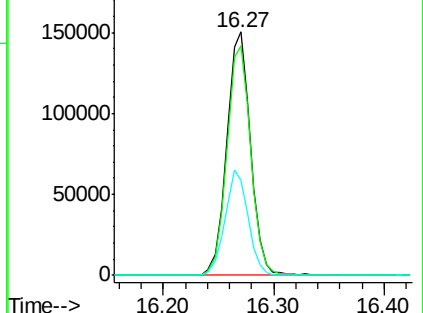
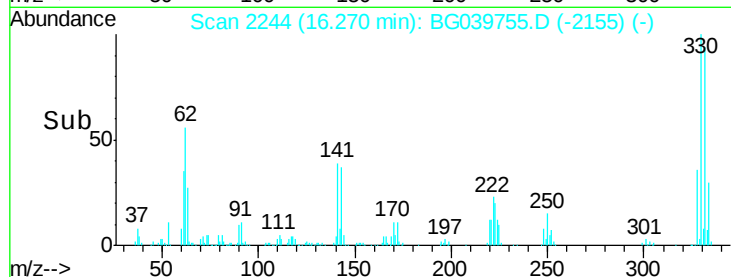
141 42.2 35.6 53.4



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: 83.448 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039755.D

Acq: 5 Mar 2019 7:32

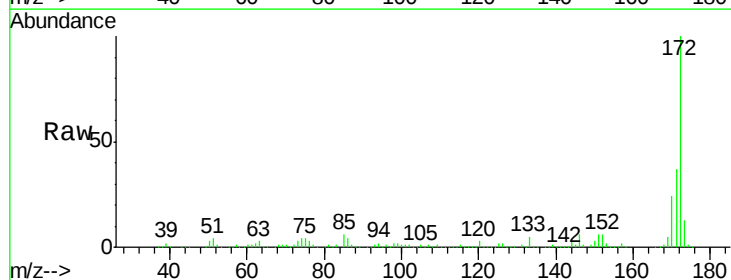
Tgt Ion:172 Resp: 754296

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

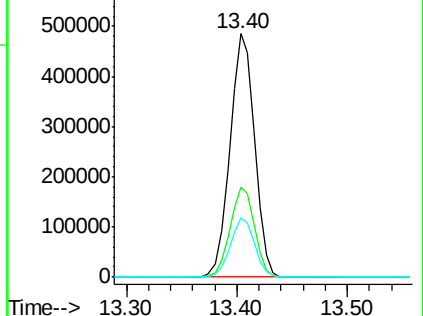
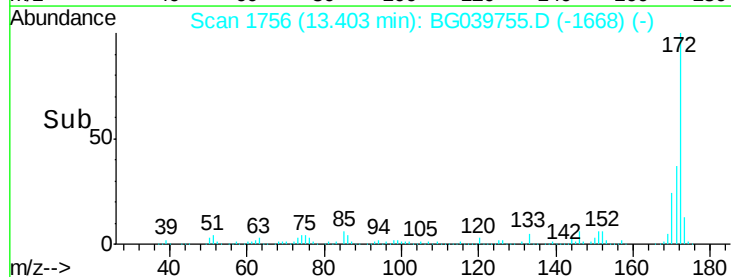
170 24.2 20.2 30.4



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

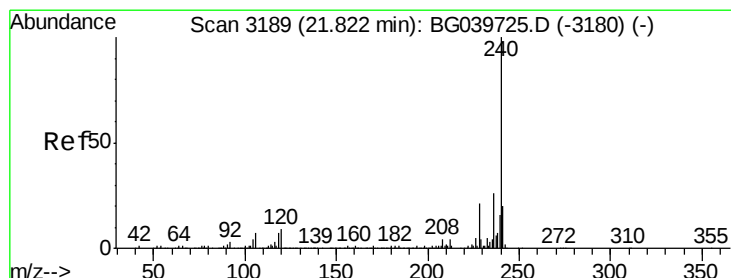
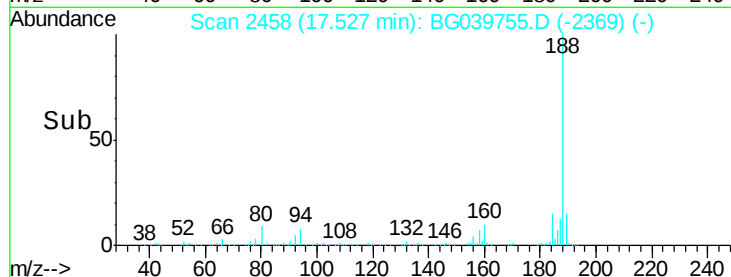
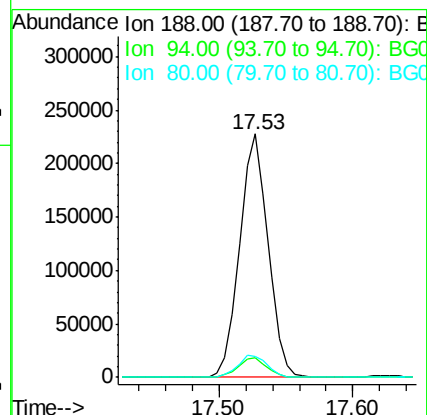
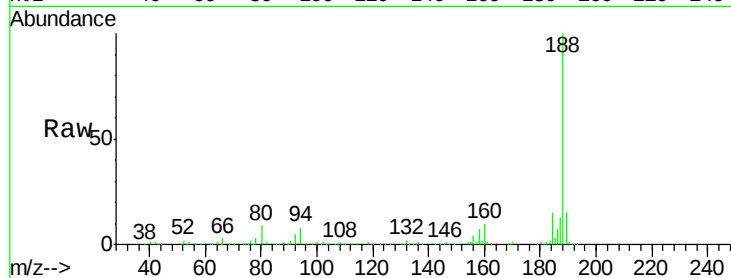




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039755.D
Acq: 5 Mar 2019 7:32

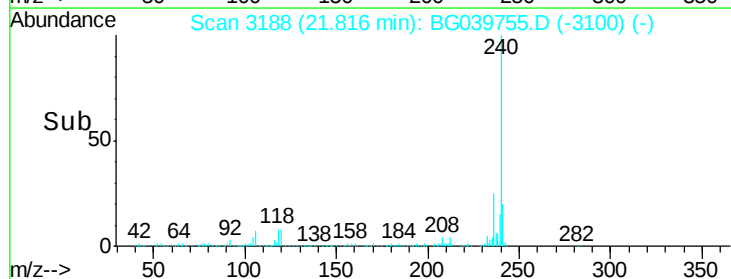
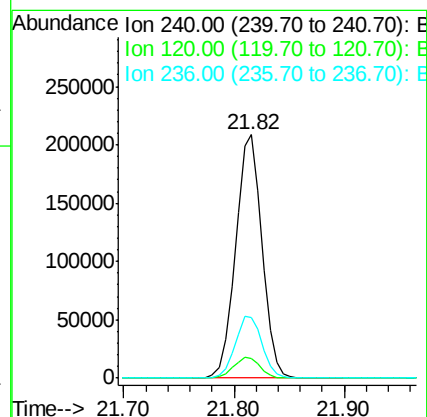
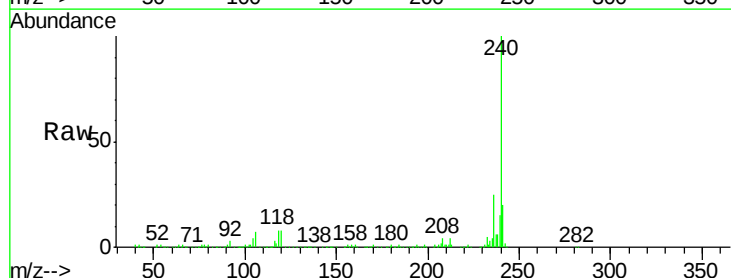
Instrument :
BNA_G
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JC-03-030119-E

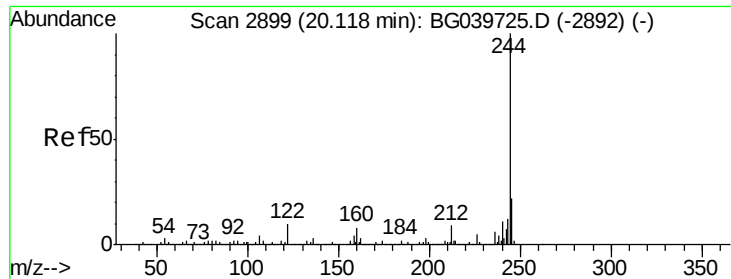
Tgt Ion:188 Resp: 334671
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039755.D
Acq: 5 Mar 2019 7:32

Tgt Ion:240 Resp: 348398
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.1 21.0 31.4





#79

Terphenyl-d14

Concen: 88.000 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039755.D

Acq: 5 Mar 2019 7:32

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-E

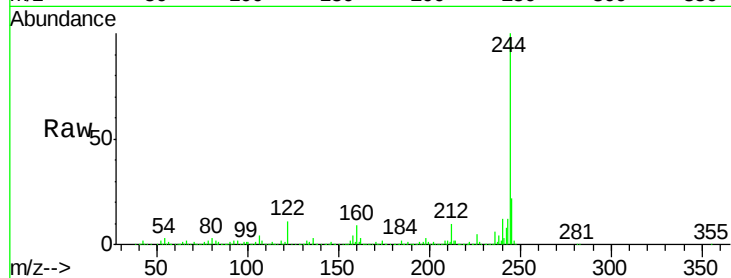
Tgt Ion:244 Resp: 1392456

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

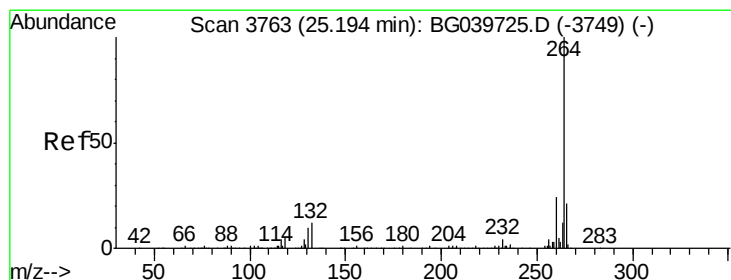
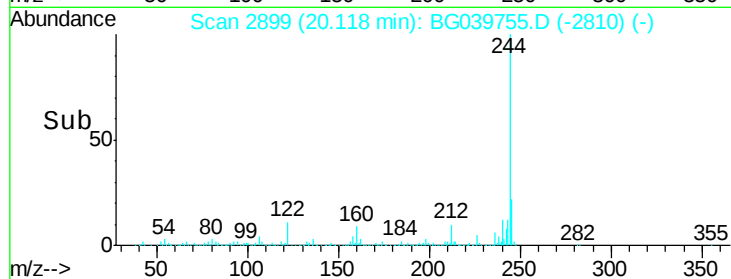
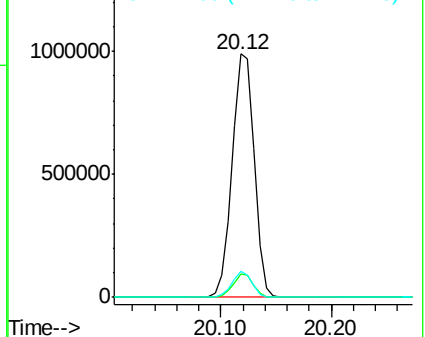
122 10.5 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039755.D

Acq: 5 Mar 2019 7:32

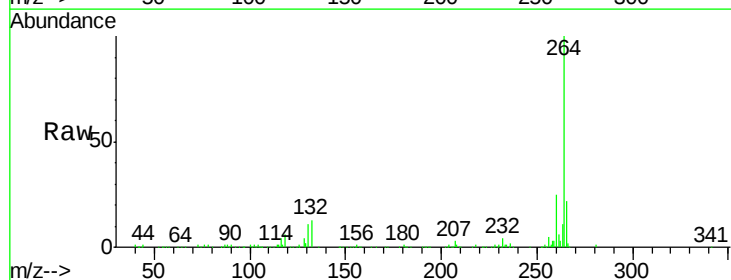
Tgt Ion:264 Resp: 345424

Ion Ratio Lower Upper

264 100

260 24.8 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

