

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039757.D
 Acq On : 5 Mar 2019 8:51
 Operator : JU/SJ
 Sample : K1688-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 05 11:12:14 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	42571	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180231	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	124007	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	324207	20.00	ng	0.00
76) Chrysene-d12	21.81	240	351967	20.00	ng	-0.02
87) Perylene-d12	25.19	264	347602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	348706	139.74	ng	0.00
7) Phenol-d6	7.30	99	462398	124.28	ng	0.00
23) Nitrobenzene-d5	9.34	82	329104	98.76	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	227163	157.16	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	776063	89.11	ng	-0.02
79) Terphenyl-d14	20.12	244	1440607	90.12	ng	0.00

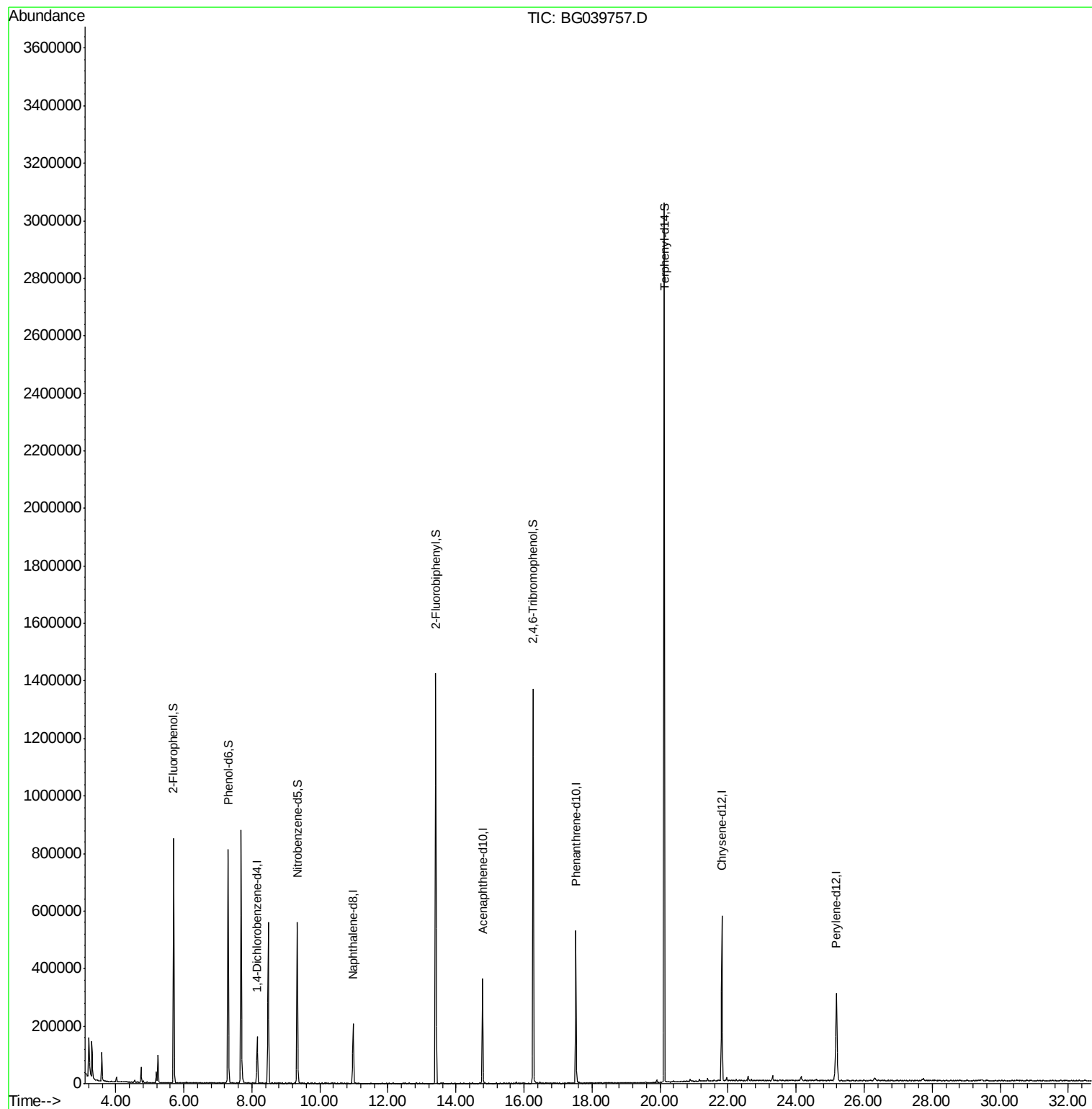
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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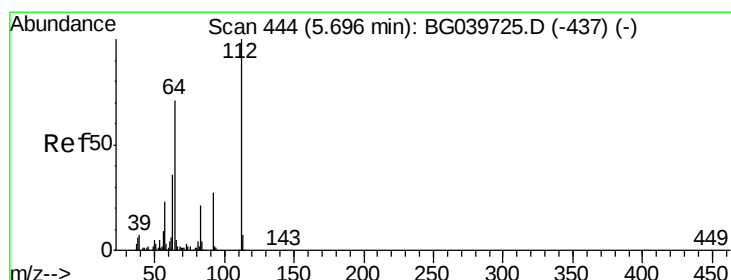
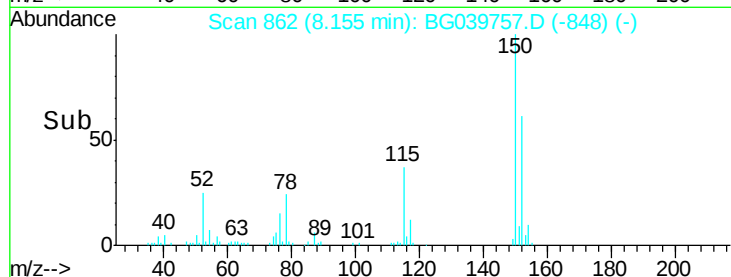
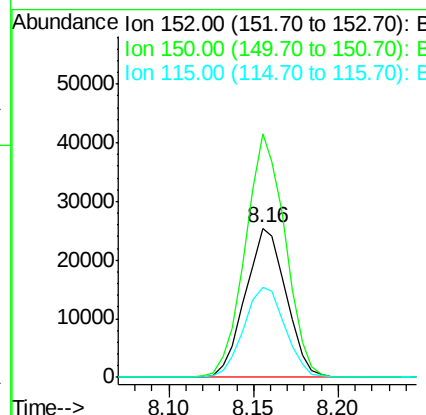
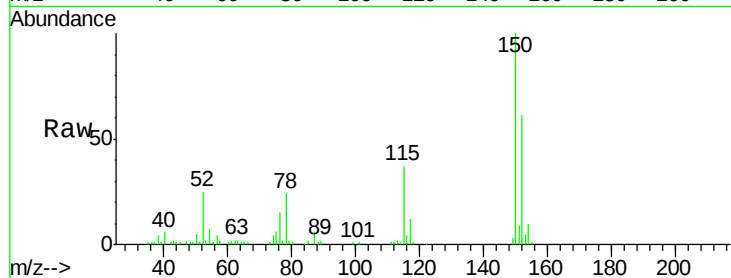


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

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

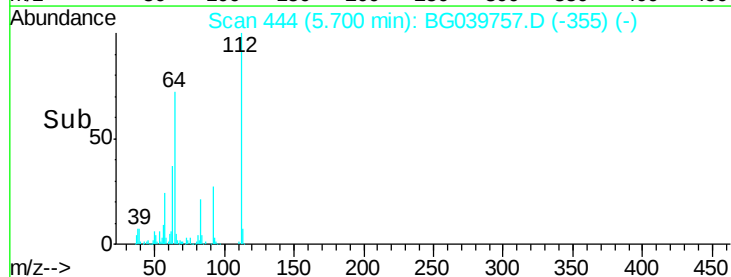
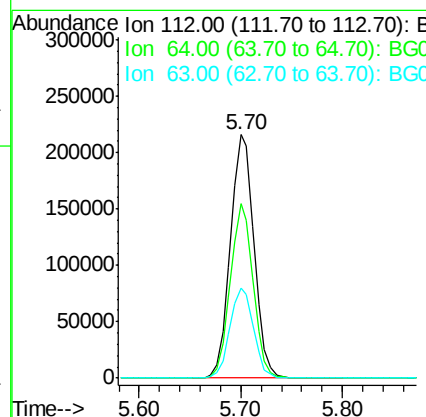
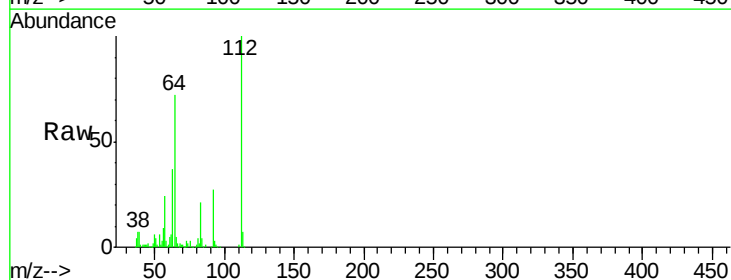
Tgt Ion:152 Resp: 42571
Ion Ratio Lower Upper
152 100
150 163.4 123.7 185.5
115 60.2 45.9 68.9



#5

2-Fluorophenol
Concen: 139.742 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:112 Resp: 348706
Ion Ratio Lower Upper
112 100
64 71.8 57.8 86.8
63 36.9 29.8 44.6





#7

Phenol-d6

Concen: 124.276 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039757.D

Acq: 5 Mar 2019 8:51

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-G

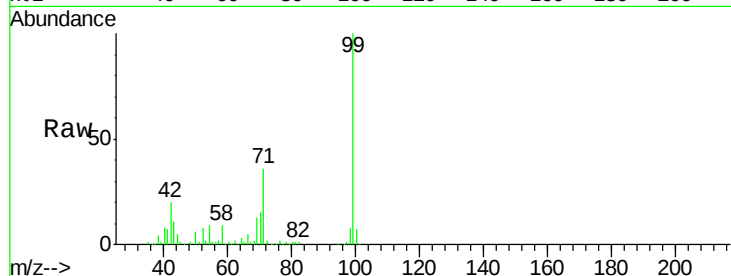
Tgt Ion: 99 Resp: 462398

Ion Ratio Lower Upper

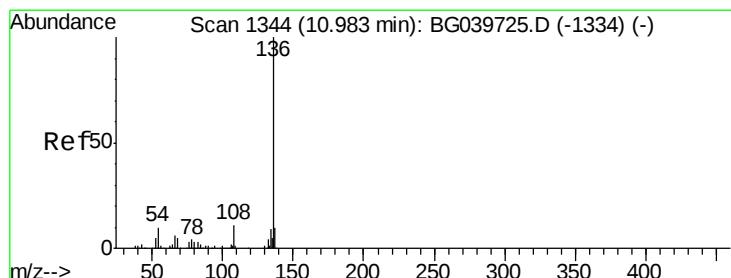
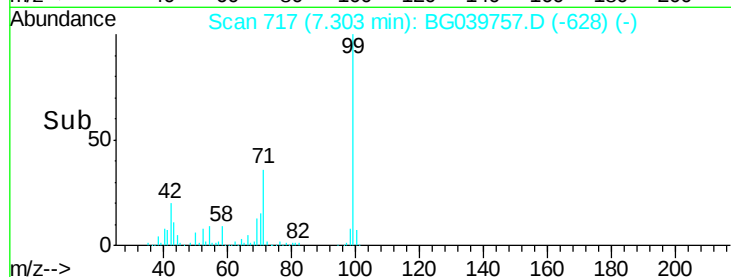
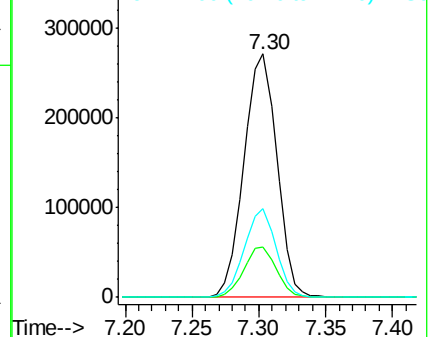
99 100

42 20.5 18.2 27.2

71 36.3 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: BG039757.D

Acq: 5 Mar 2019 8:51

Tgt Ion: 136 Resp: 180231

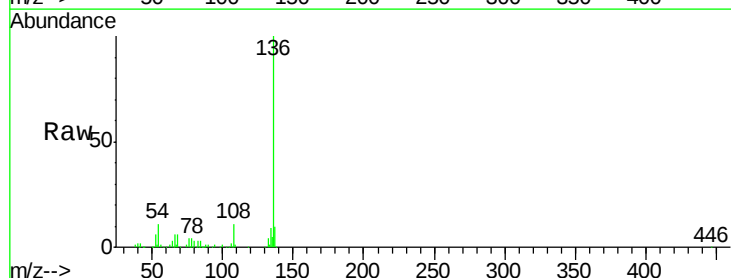
Ion Ratio Lower Upper

136 100

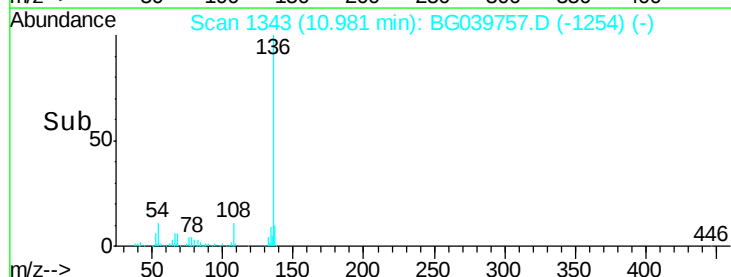
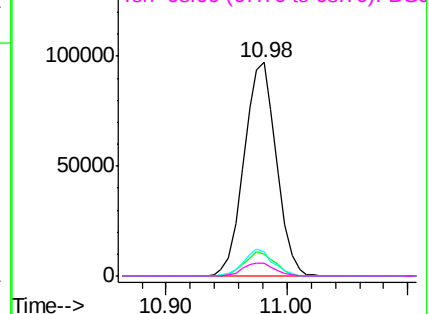
137 10.3 9.1 13.7

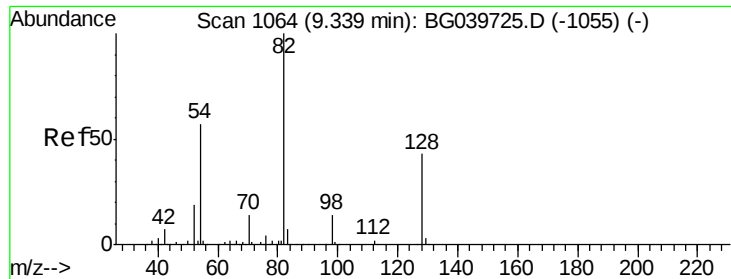
54 11.3 9.4 14.2

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

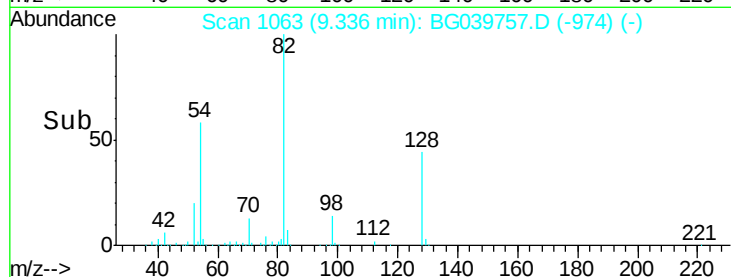
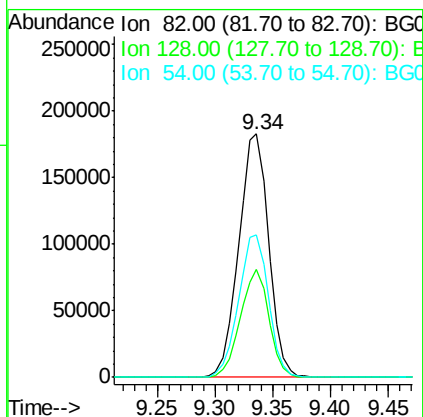
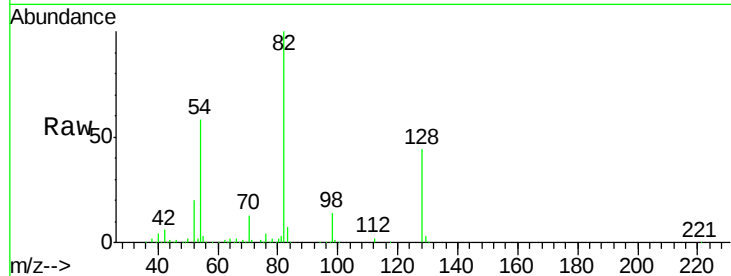




#23
 Nitrobenzene-d5
 Concen: 98.758 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039757.D
 Acq: 5 Mar 2019 8:51

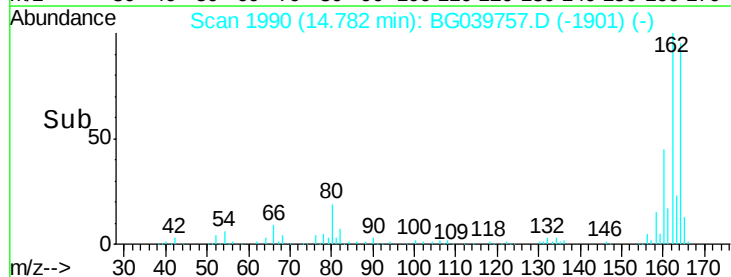
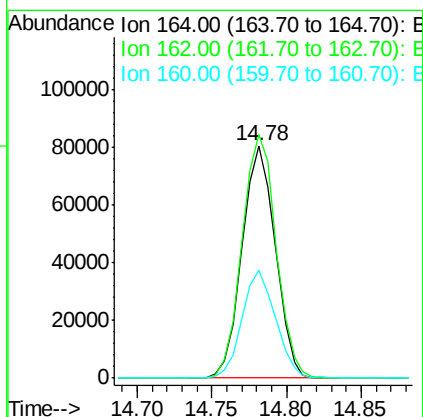
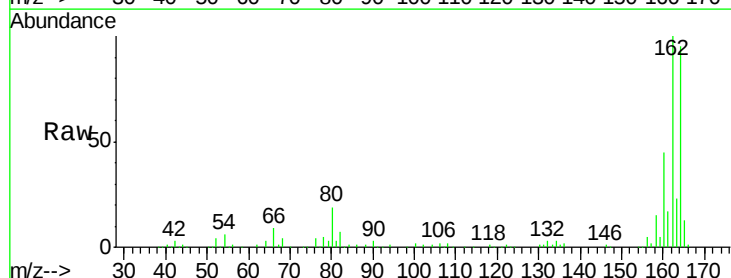
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-G

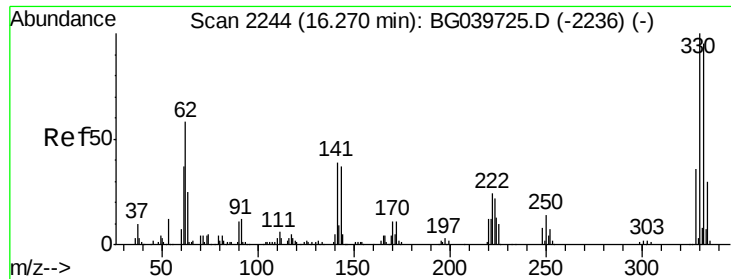
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039757.D
 Acq: 5 Mar 2019 8:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	46.7	34.2	51.2

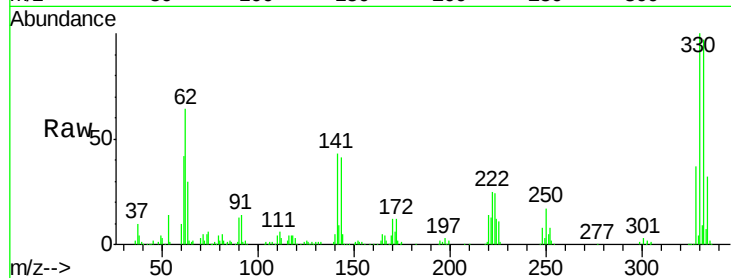




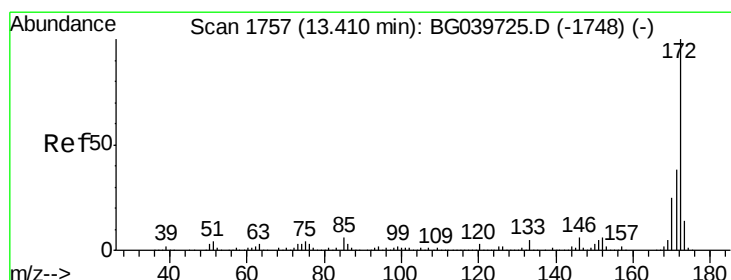
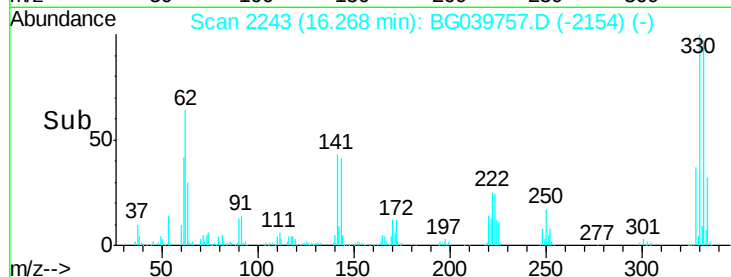
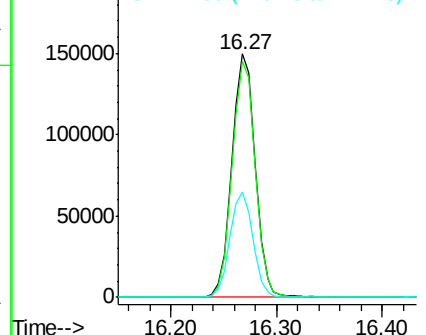
#42
 2,4,6-Tribromophenol
 Concen: 157.163 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039757.D
 Acq: 5 Mar 2019 8:51

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

Tgt Ion:330 Resp: 227163
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 43.1 35.6 53.4

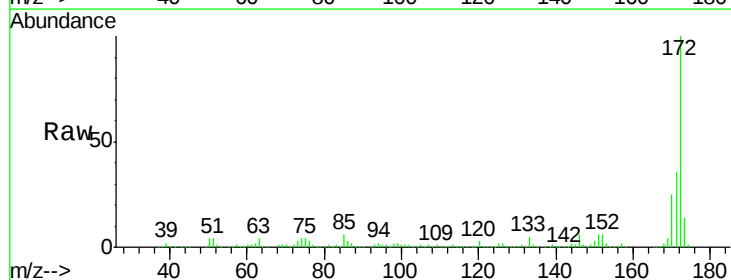


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

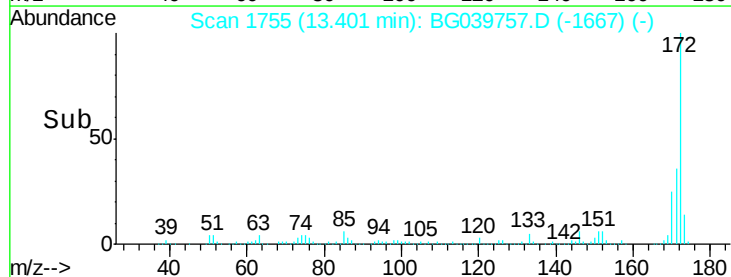
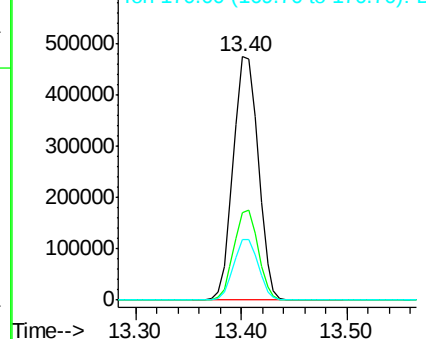


#45
 2-Fluorobiphenyl
 Concen: 89.106 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039757.D
 Acq: 5 Mar 2019 8:51

Tgt Ion:172 Resp: 776063
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.9 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

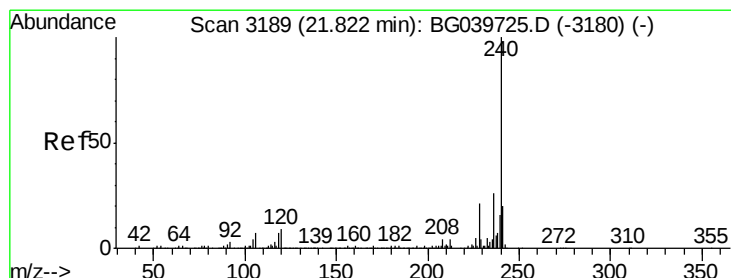
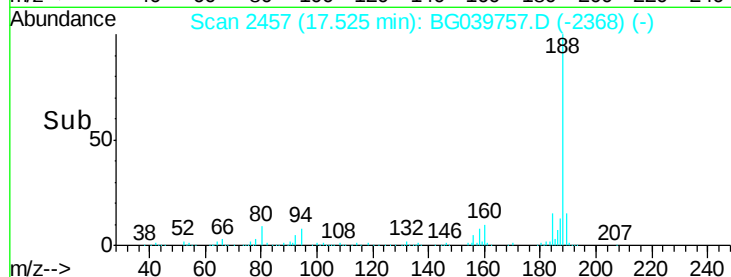
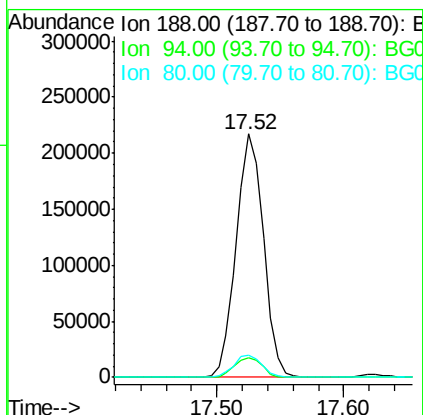
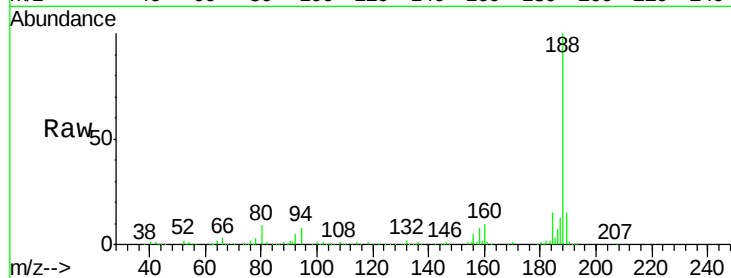




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039757.D
 Acq: 5 Mar 2019 8:51

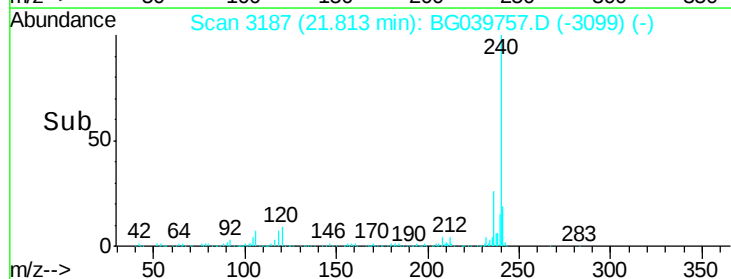
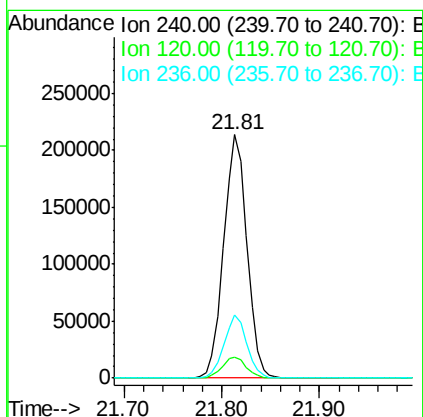
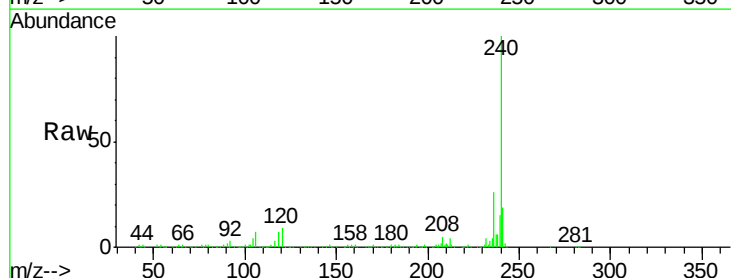
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-030119-G

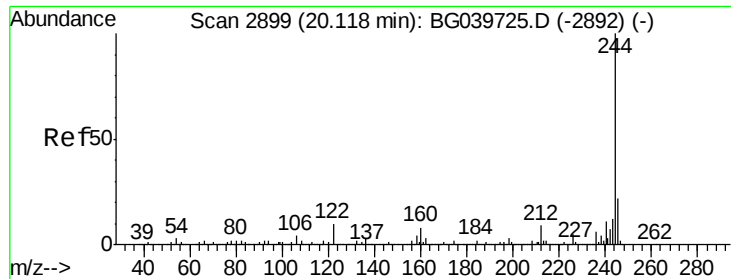
Tgt Ion:188 Resp: 324207
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 9.1 8.1 12.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039757.D
 Acq: 5 Mar 2019 8:51

Tgt Ion:240 Resp: 351967
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 90.120 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039757.D

Acq: 5 Mar 2019 8:51

Instrument :

BNA_G

ClientSampleId :

JC-03-030119-G

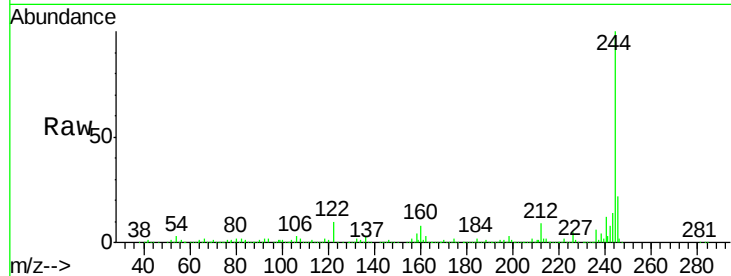
Tgt Ion:244 Resp: 1440607

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

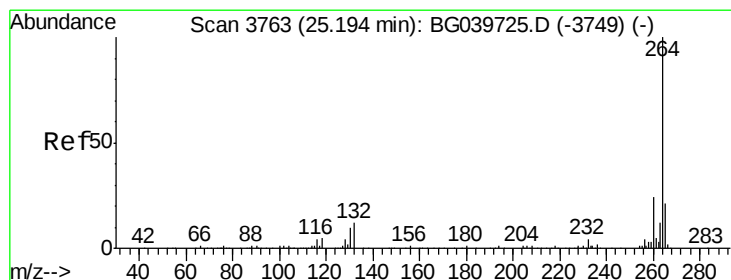
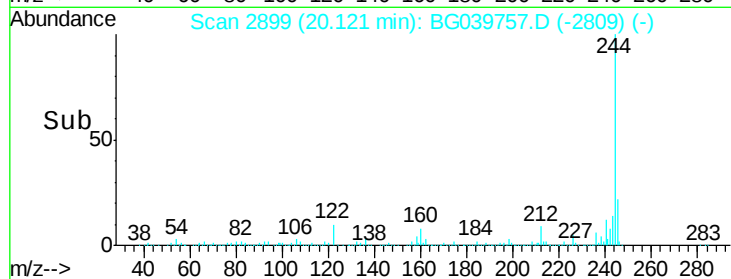
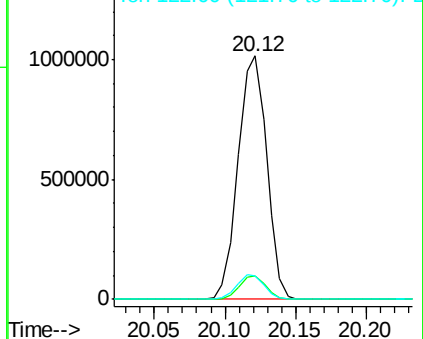
122 9.6 8.4 12.6



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# 3761

Delta R.T. -0.02 min

Lab File: BG039757.D

Acq: 5 Mar 2019 8:51

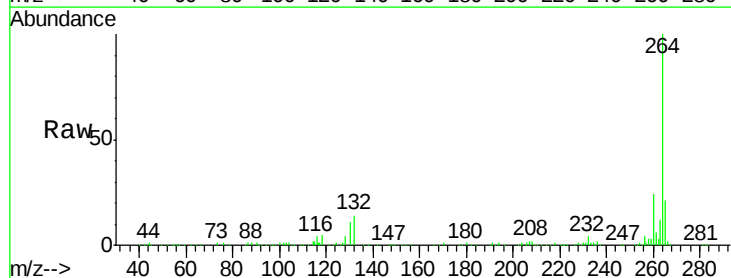
Tgt Ion:264 Resp: 347602

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 20.9 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

