

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040128.D
 Acq On : 25 Mar 2019 22:13
 Operator : JU/SJ
 Sample : K2040-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Quant Time: Mar 26 05:40:55 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	33448	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146183	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	103832	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	276149	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	289365	20.00	ng	-0.03
87) Perylene-d12	25.15	264	274278	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	256436	130.79	ng	-0.02
7) Phenol-d6	7.29	99	343151	117.38	ng	-0.02
23) Nitrobenzene-d5	9.32	82	238937	88.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	156272	129.12	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	589796	80.88	ng	-0.03
79) Terphenyl-d14	20.11	244	1137147	86.53	ng	-0.02

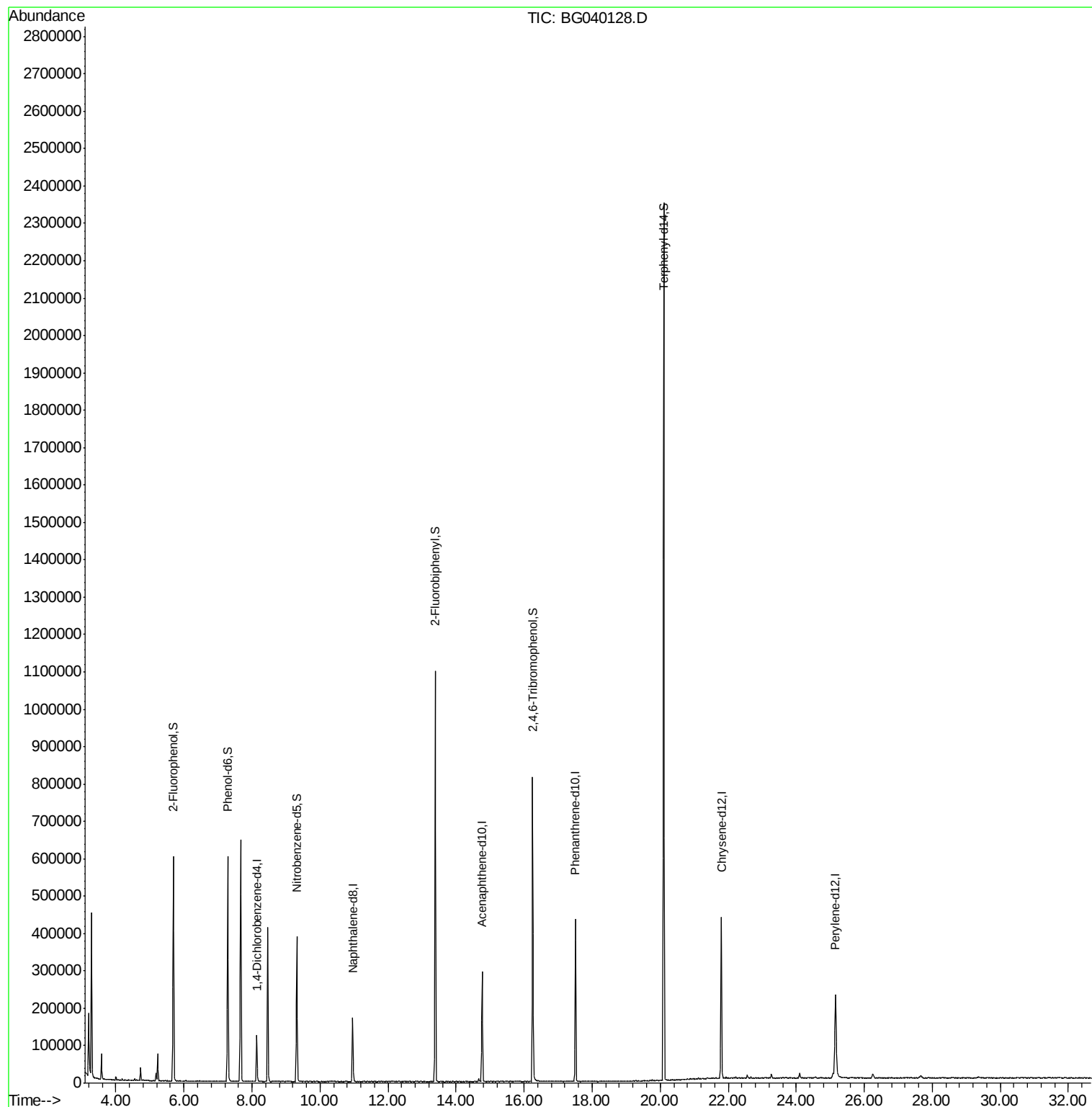
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

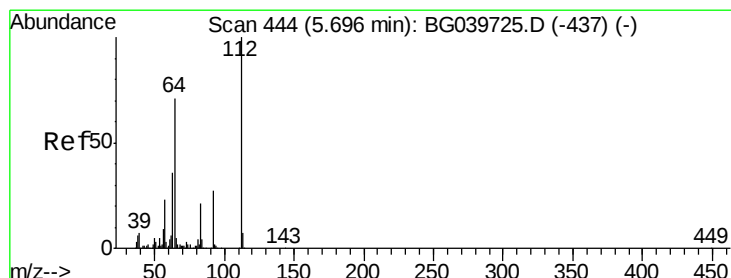
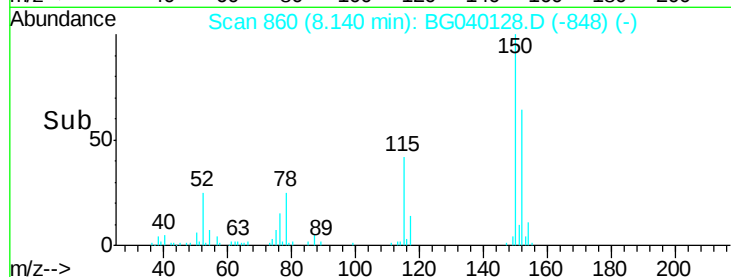
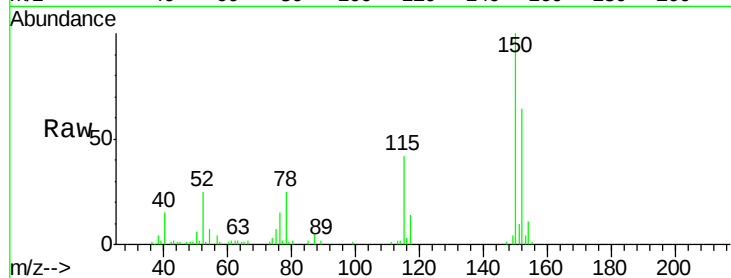
Tgt Ion:152 Resp: 33448

Ion Ratio Lower Upper

152 100

150 157.0 123.7 185.5

115 66.6 45.9 68.9



#5

2-Fluorophenol

Concen: 130.795 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

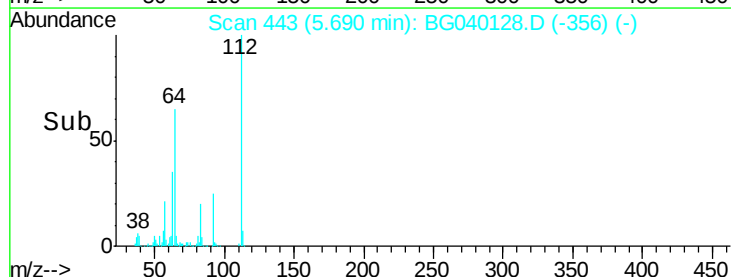
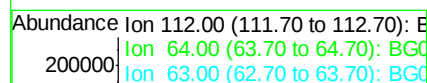
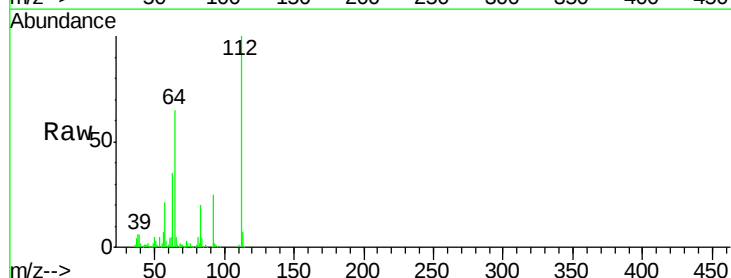
Tgt Ion:112 Resp: 256436

Ion Ratio Lower Upper

112 100

64 65.2 57.8 86.8

63 35.0 29.8 44.6





#7

Phenol-d6

Concen: 117.382 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

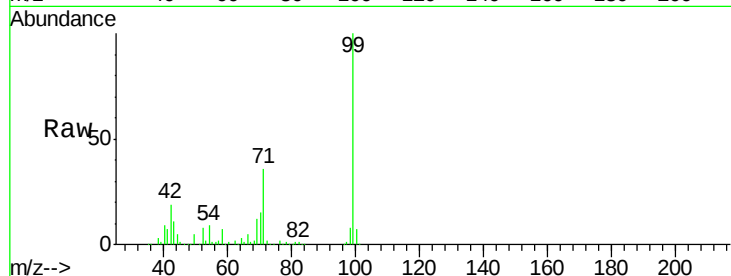
Tgt Ion: 99 Resp: 343151

Ion Ratio Lower Upper

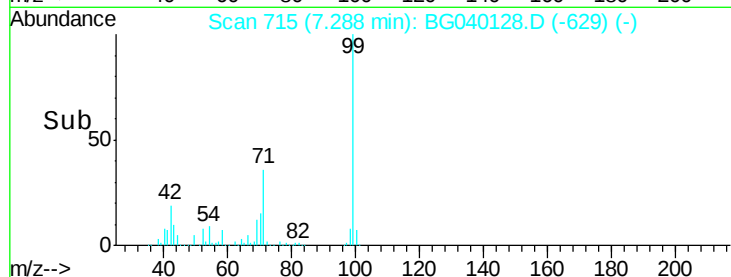
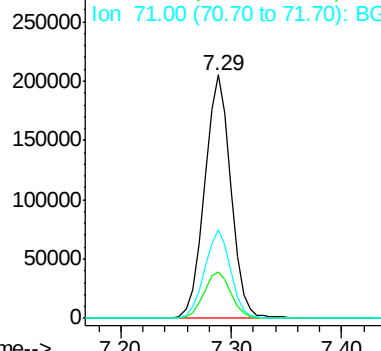
99 100

42 19.1 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Tgt Ion: 136 Resp: 146183

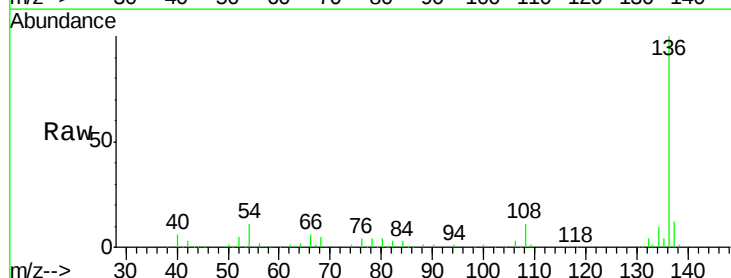
Ion Ratio Lower Upper

136 100

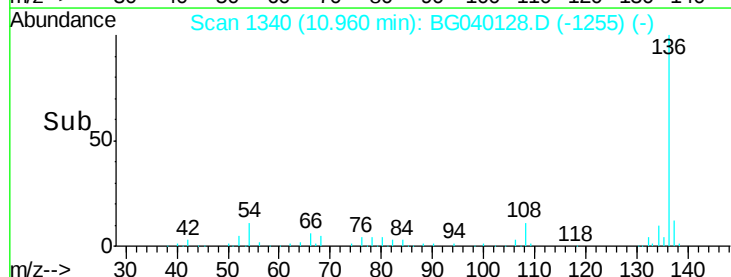
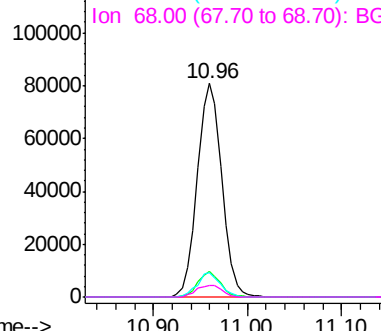
137 11.9 9.1 13.7

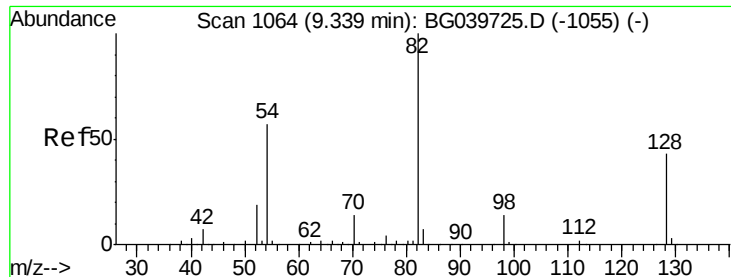
54 11.5 9.4 14.2

68 5.2 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

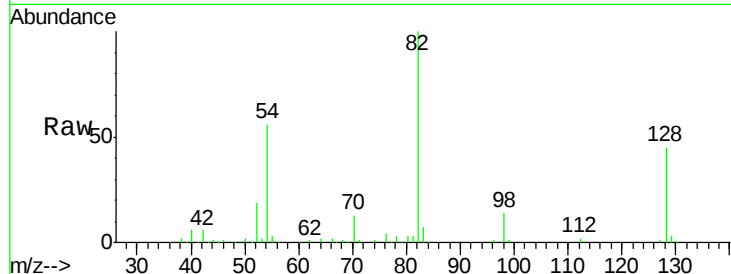




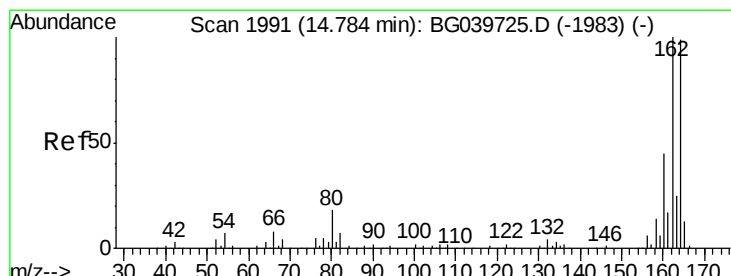
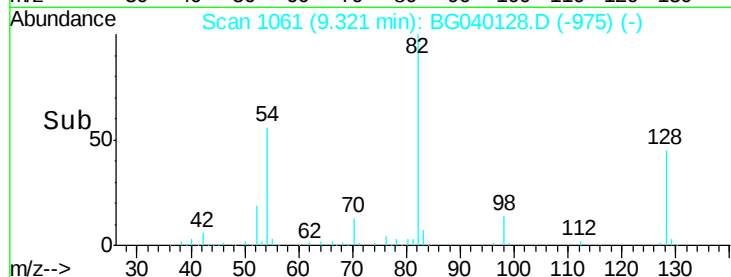
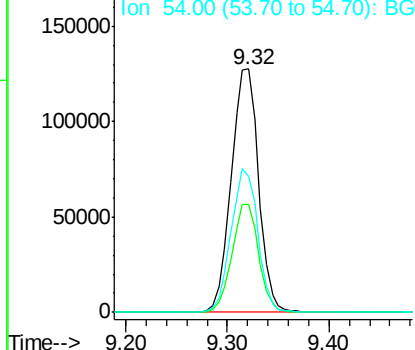
#23
 Nitrobenzene-d5
 Concen: 88.401 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.3	46.9
54	55.8	50.9	76.3

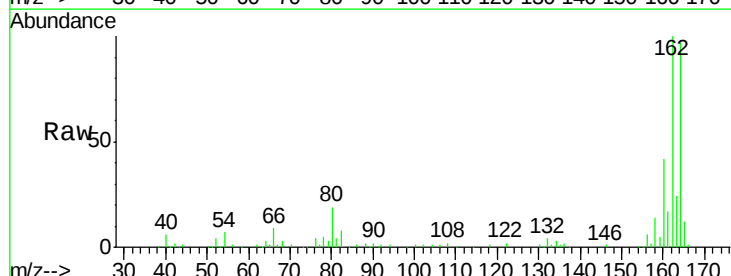


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

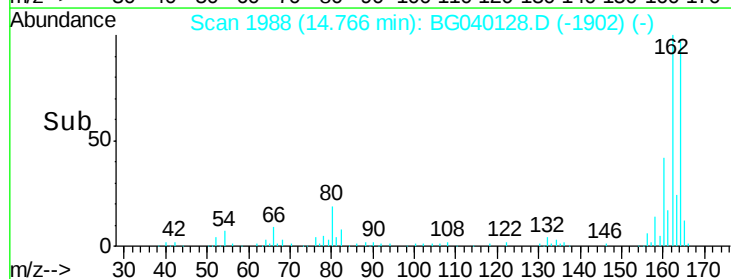
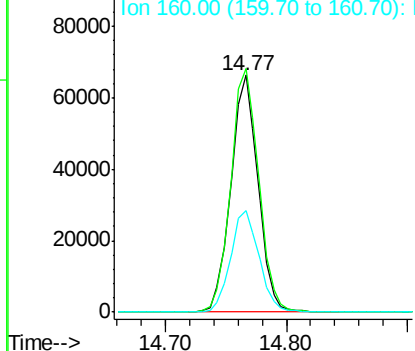


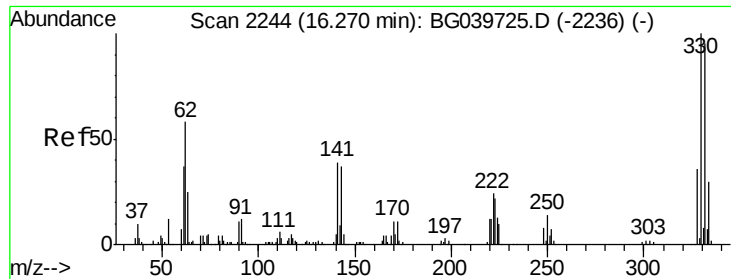
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	42.7	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

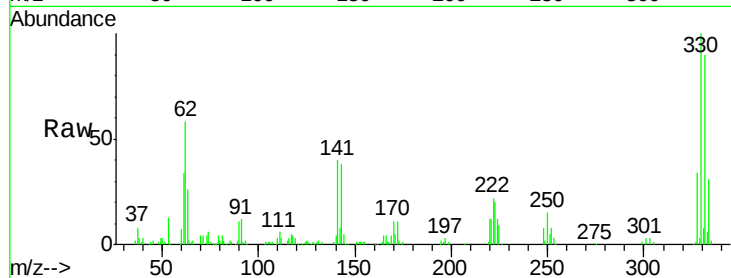




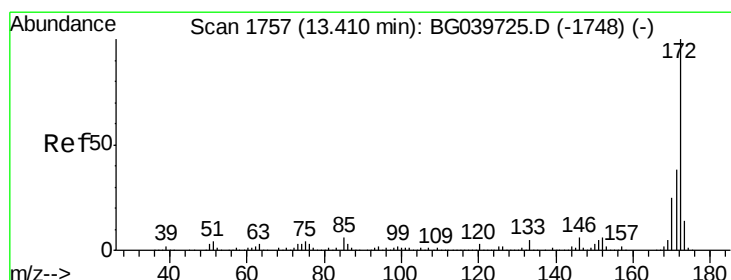
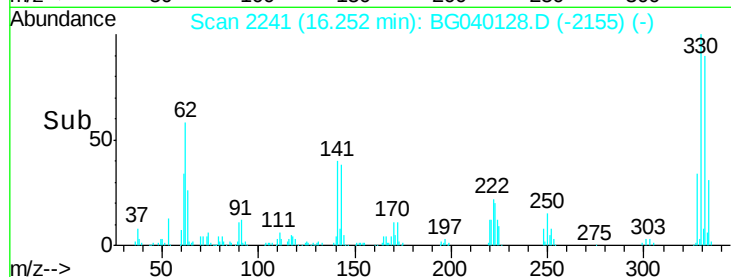
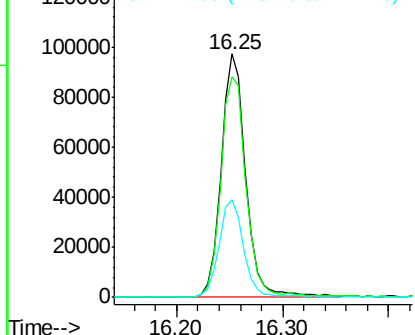
#42
 2,4,6-Tribromophenol
 Concen: 129.125 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Tgt Ion:330 Resp: 156272
 Ion Ratio Lower Upper
 330 100
 332 93.9 75.7 113.5
 141 40.8 35.6 53.4

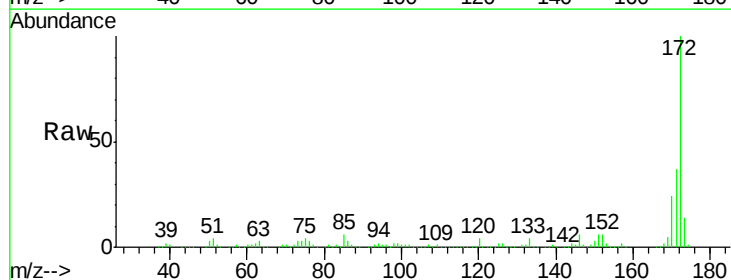


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

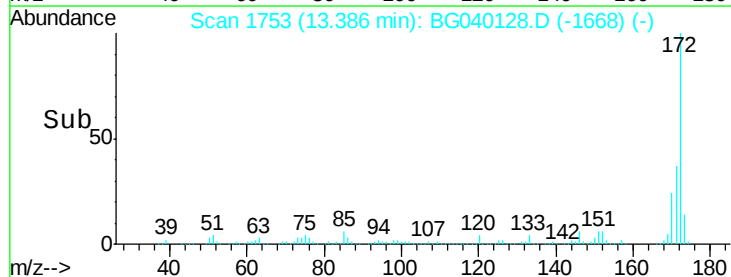
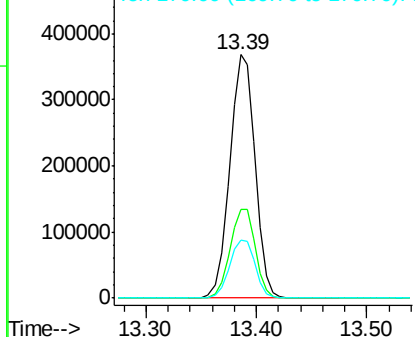


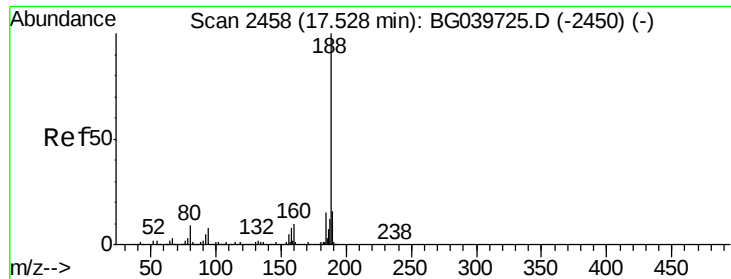
#45
 2-Fluorobiphenyl
 Concen: 80.878 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion:172 Resp: 589796
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 23.9 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# 2455

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

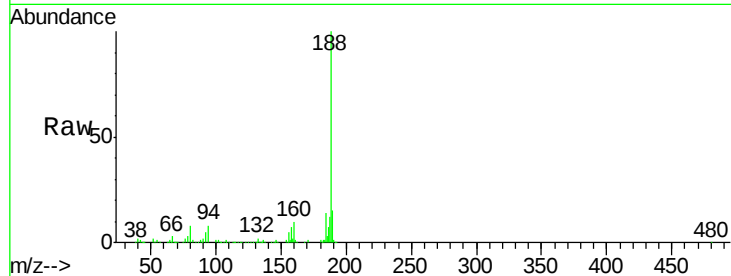
Tgt Ion:188 Resp: 276149

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

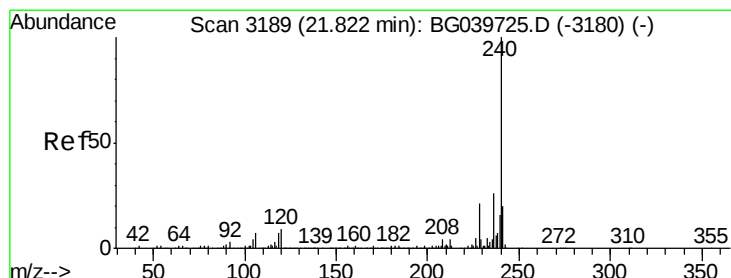
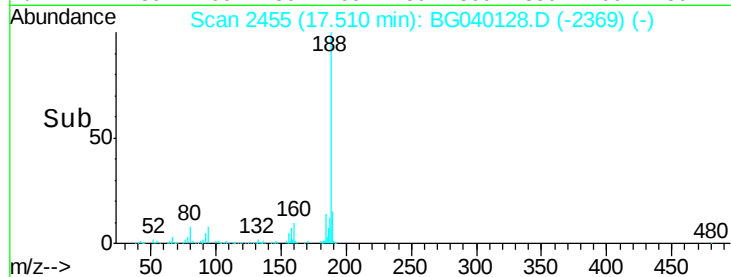
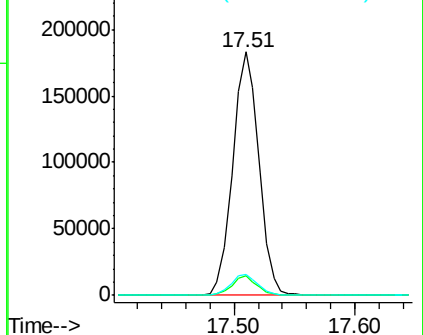
80 8.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

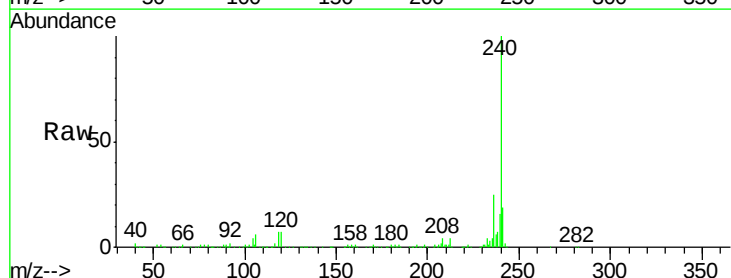
Tgt Ion:240 Resp: 289365

Ion Ratio Lower Upper

240 100

120 6.9 7.0 10.6#

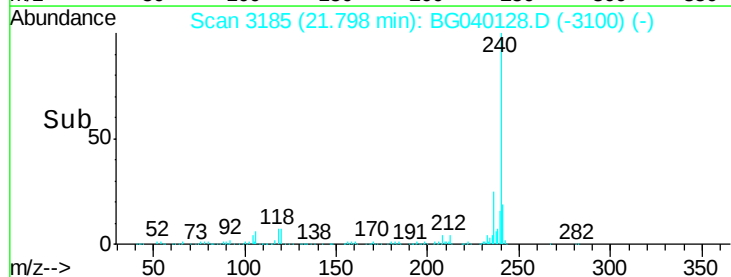
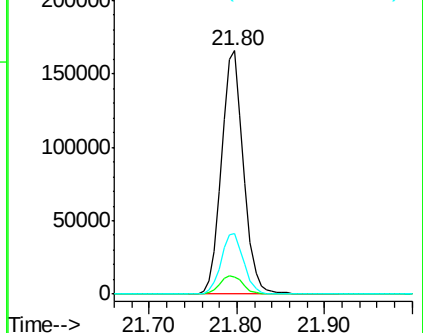
236 24.9 21.0 31.4

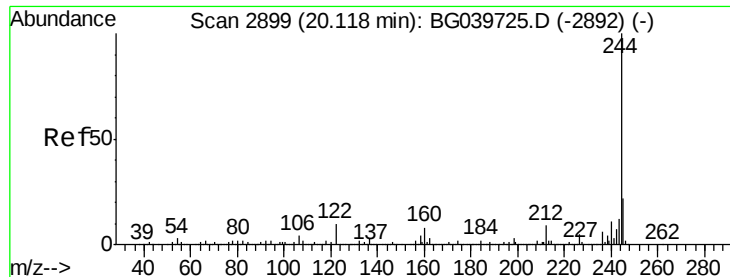


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.527 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

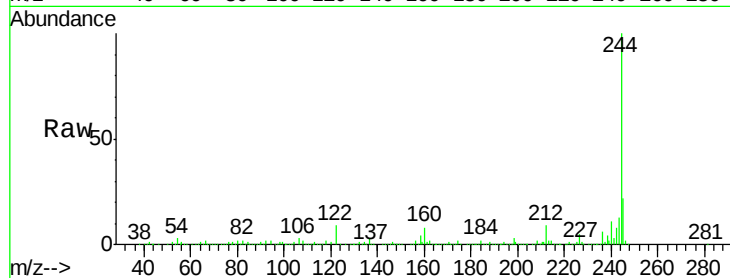
Tgt Ion:244 Resp: 1137147

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

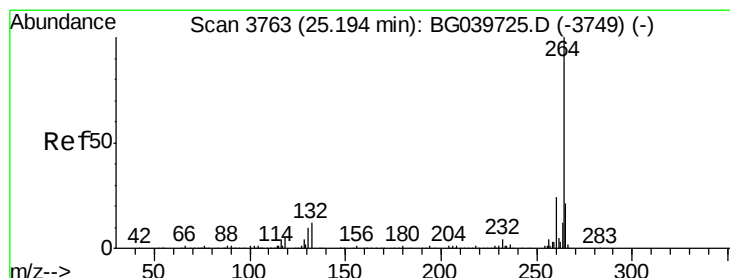
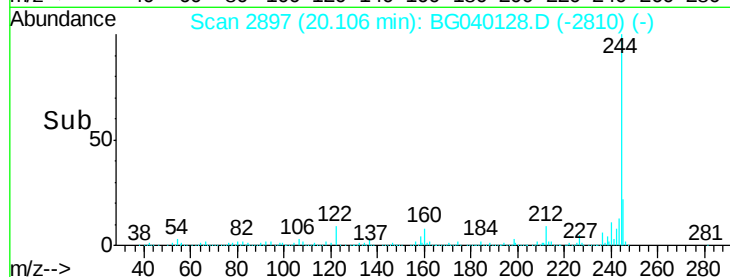
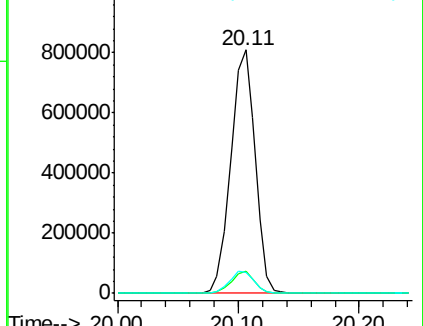
122 8.7 8.4 12.6



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: BG040128.D

Acq: 25 Mar 2019 22:13

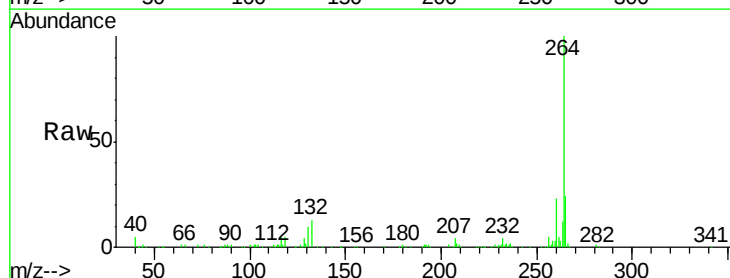
Tgt Ion:264 Resp: 274278

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 23.7 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

