

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040123.D
 Acq On : 25 Mar 2019 18:53
 Operator : JU/SJ
 Sample : K2040-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Quant Time: Mar 26 03:51:34 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	36351	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	153185	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	107298	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	281159	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	292590	20.00	ng	-0.03
87) Perylene-d12	25.15	264	288779	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	265364	124.54	ng	-0.02
7) Phenol-d6	7.29	99	356889	112.33	ng	-0.02
23) Nitrobenzene-d5	9.32	82	249581	88.12	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	183449	146.68	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	625452	83.00	ng	-0.03
79) Terphenyl-d14	20.10	244	1181664	88.92	ng	-0.02

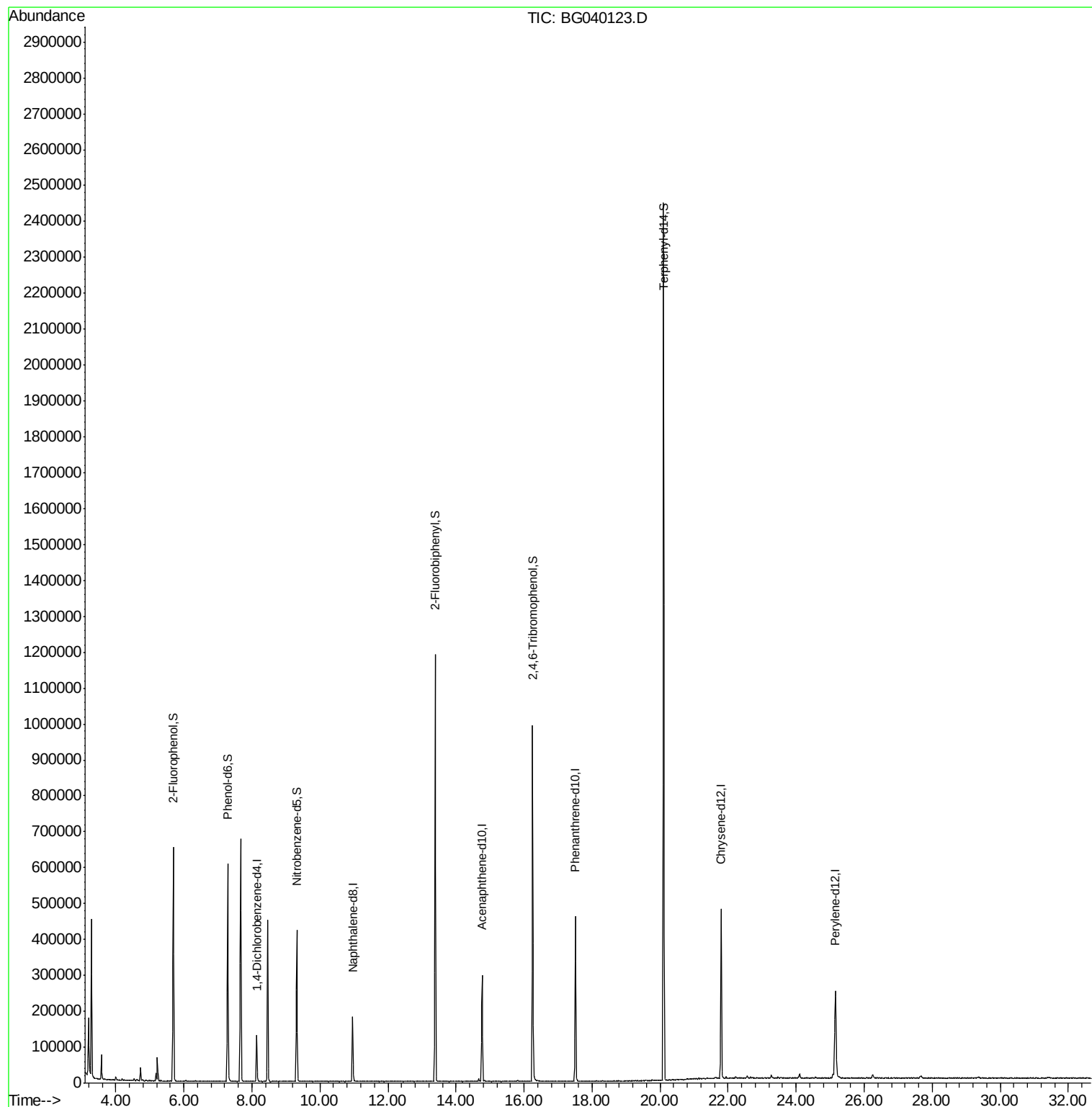
Target Compounds	Qvalue
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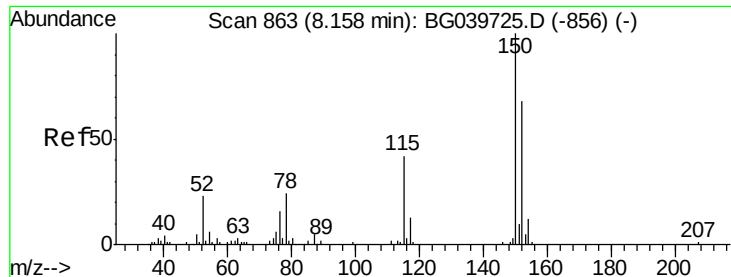
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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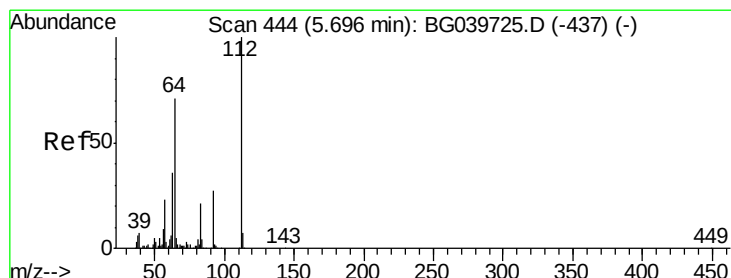
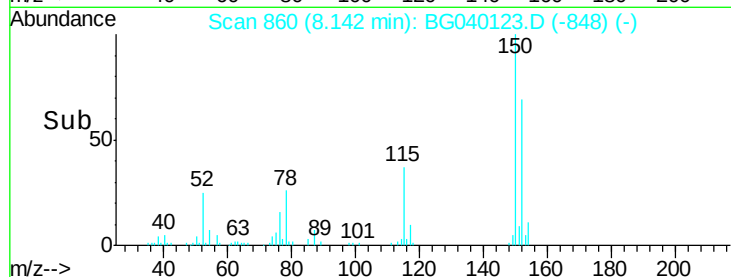
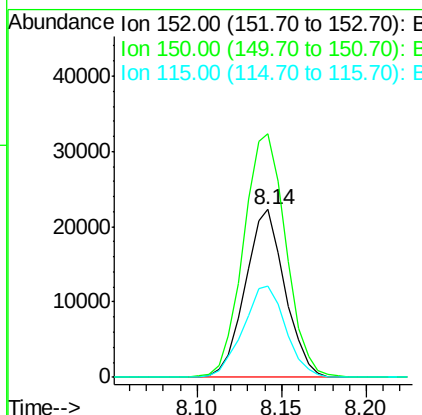
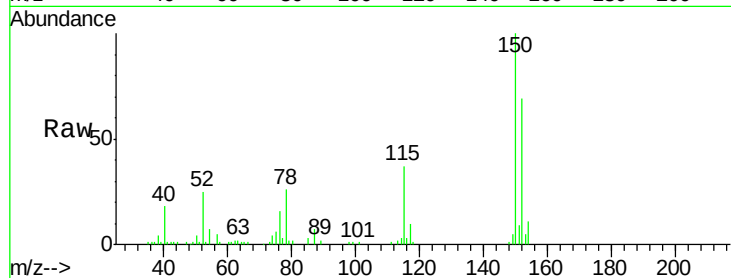


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

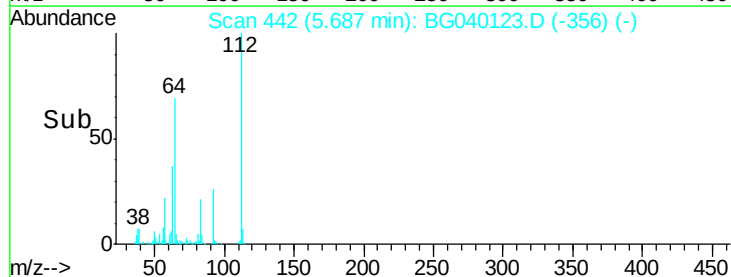
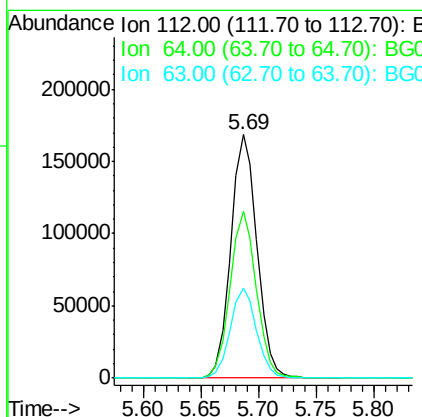
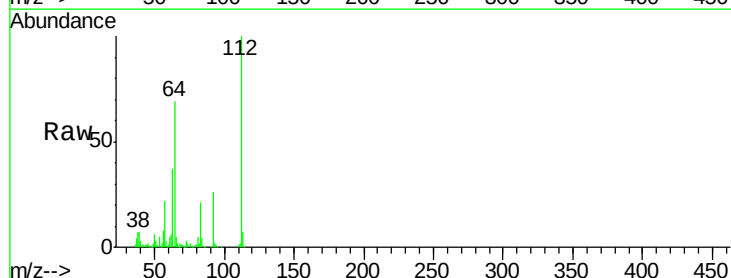
Tgt Ion:152 Resp: 36351
Ion Ratio Lower Upper
152 100
150 145.4 123.7 185.5
115 54.2 45.9 68.9

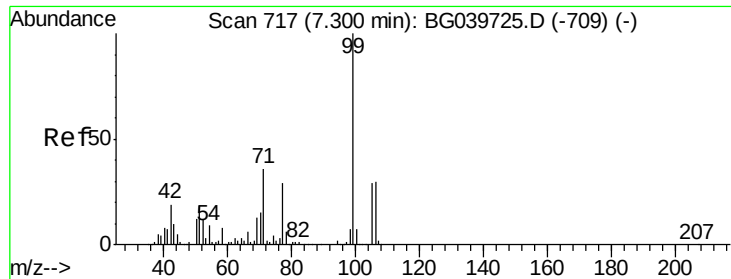


#5

2-Fluorophenol
Concen: 124.539 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion:112 Resp: 265364
Ion Ratio Lower Upper
112 100
64 68.7 57.8 86.8
63 36.8 29.8 44.6





#7

Phenol-d6

Concen: 112.332 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)

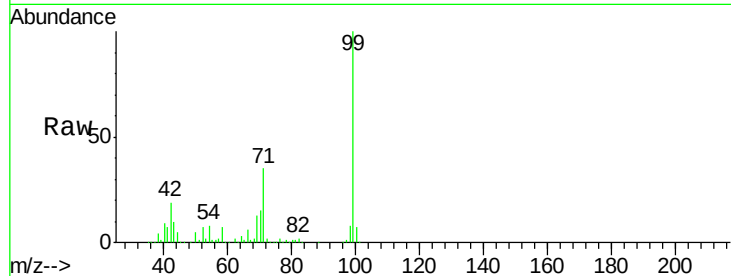
Tgt Ion: 99 Resp: 356889

Ion Ratio Lower Upper

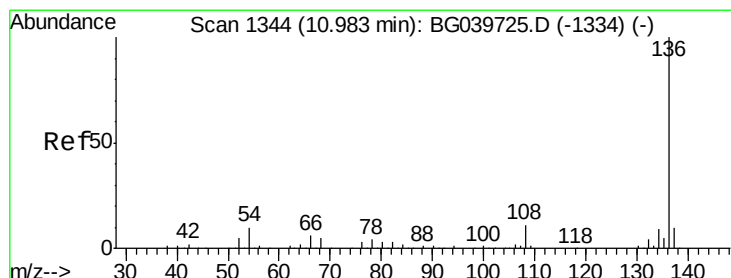
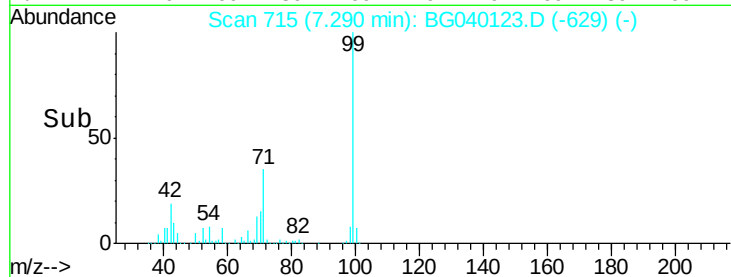
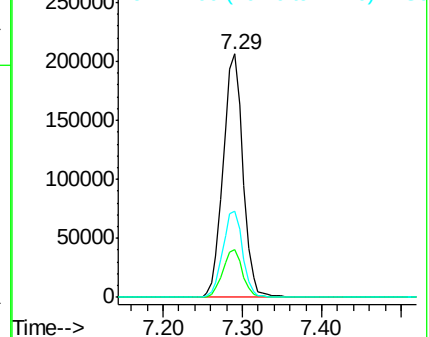
99 100

42 19.4 18.2 27.2

71 35.3 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: BG040123.D

Acq: 25 Mar 2019 18:53

Tgt Ion: 136 Resp: 153185

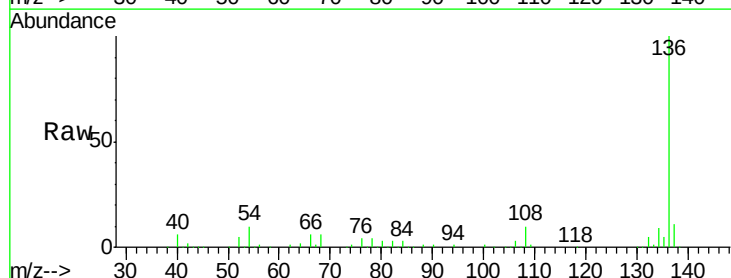
Ion Ratio Lower Upper

136 100

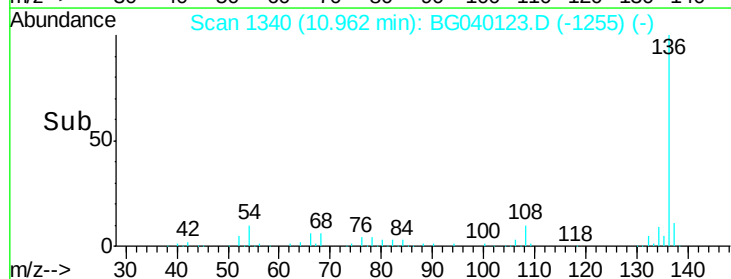
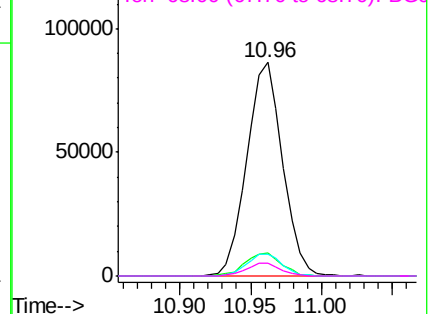
137 10.7 9.1 13.7

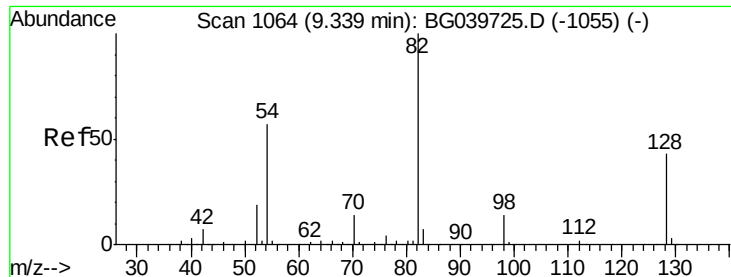
54 10.0 9.4 14.2

68 5.7 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

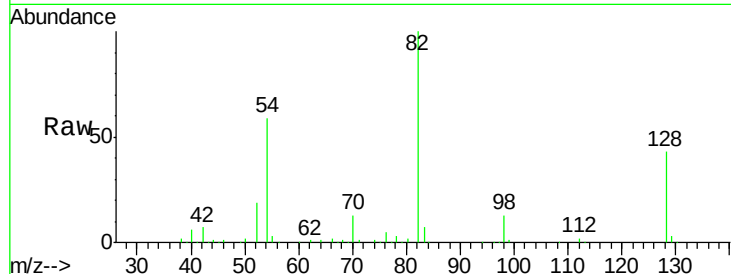




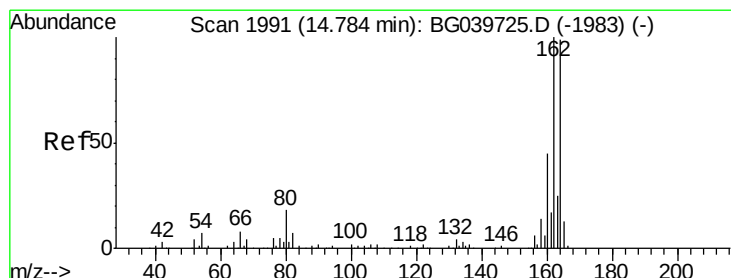
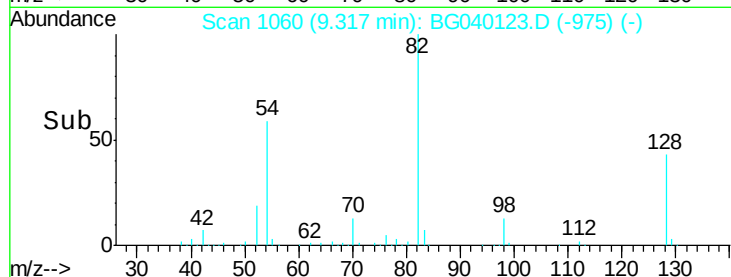
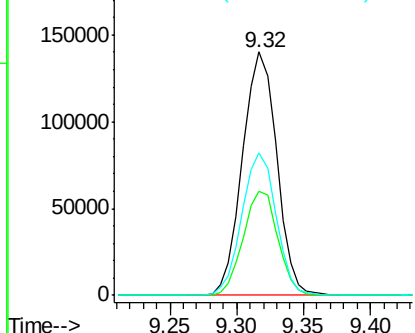
#23
 Nitrobenzene-d5
 Concen: 88.118 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	58.6	50.9	76.3

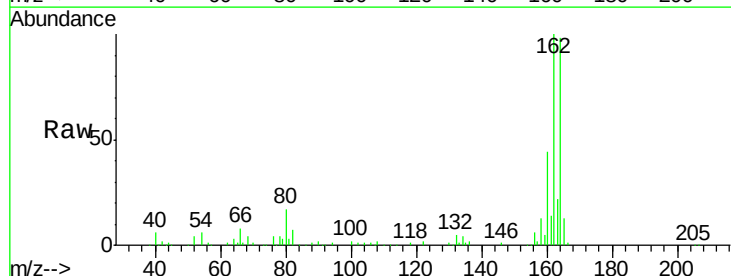


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

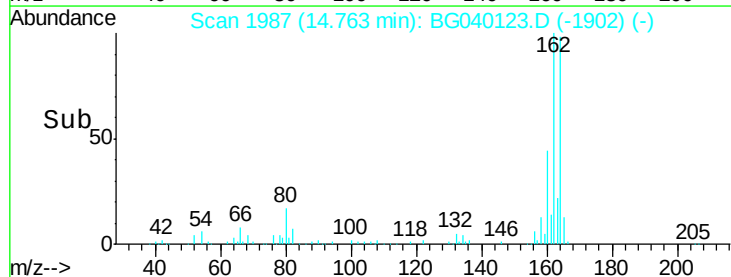
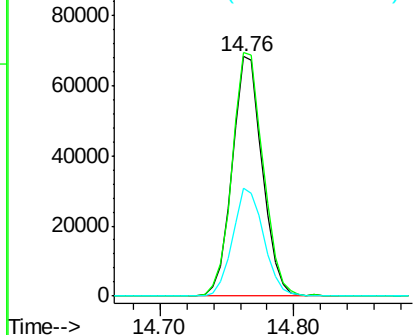


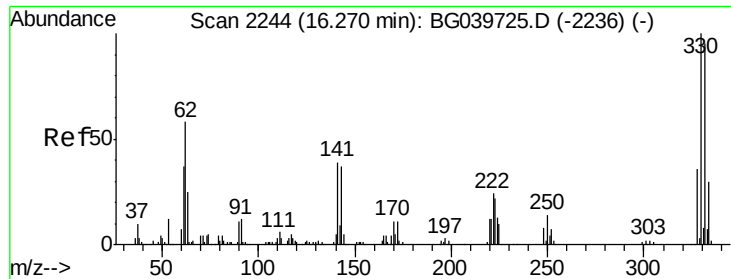
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.6	122.4
160	45.0	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

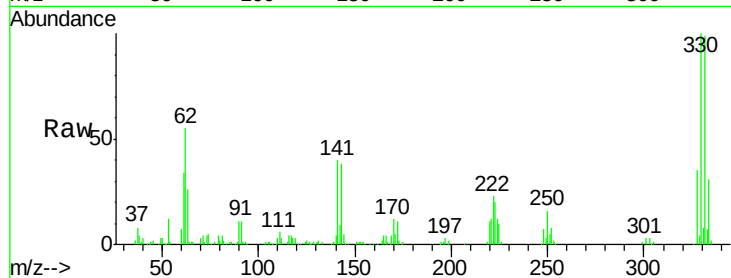




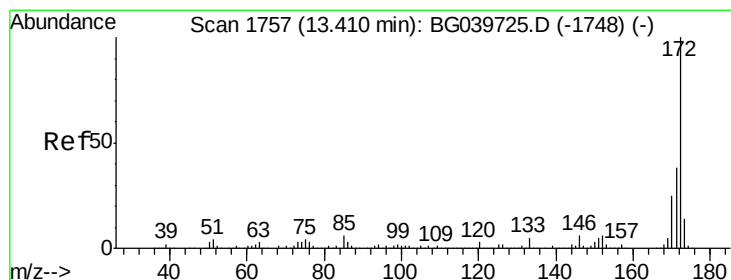
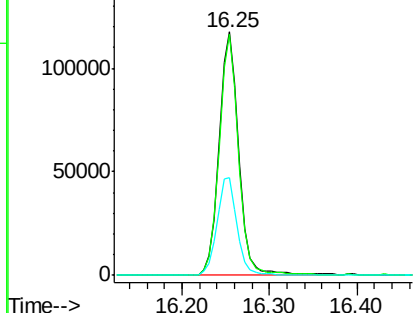
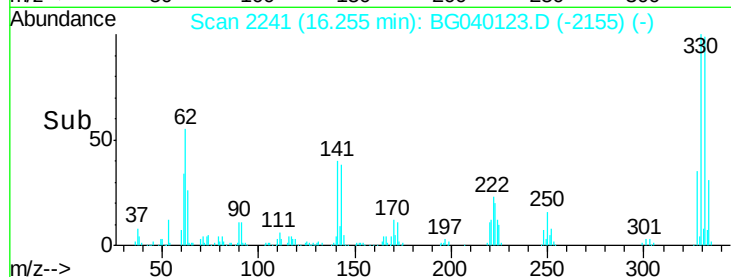
#42
 2,4,6-Tribromophenol
 Concen: 146.684 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)

Tgt Ion:330 Resp: 183449
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.7 113.5
 141 40.5 35.6 53.4

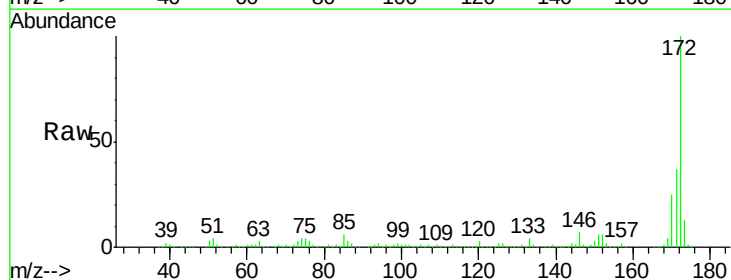


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

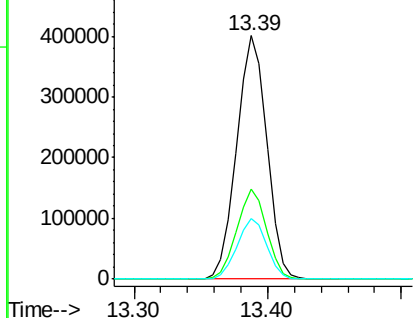
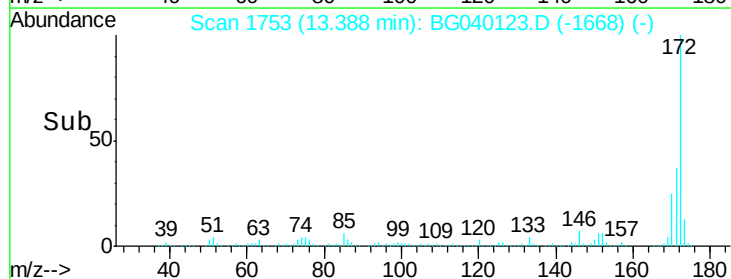


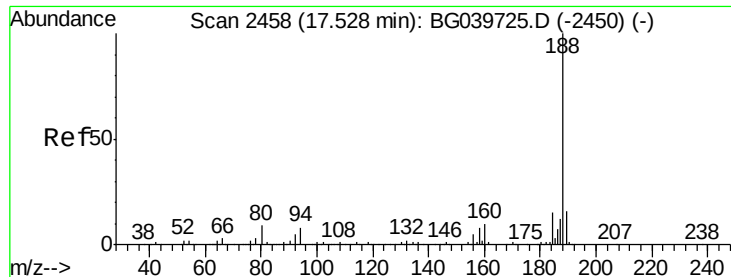
#45
 2-Fluorobiphenyl
 Concen: 82.997 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040123.D
 Acq: 25 Mar 2019 18:53

Tgt Ion:172 Resp: 625452
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.7 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

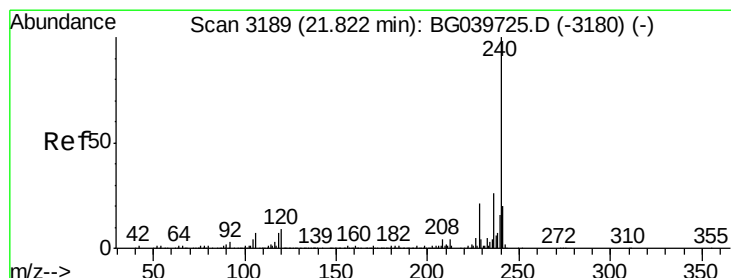
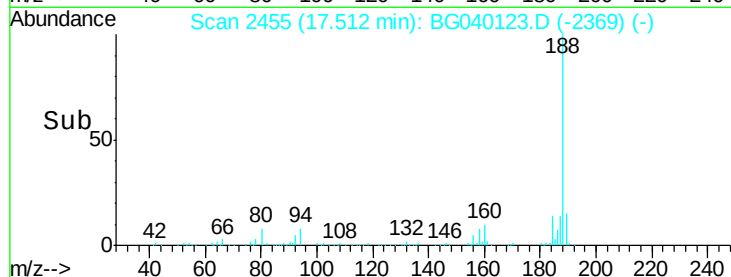
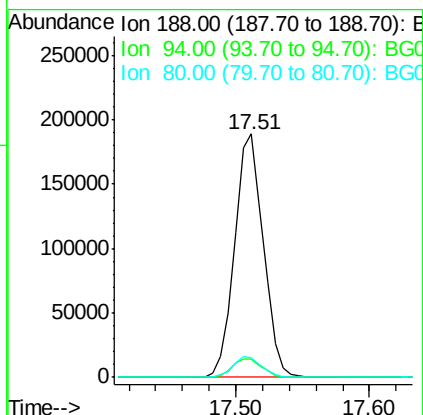
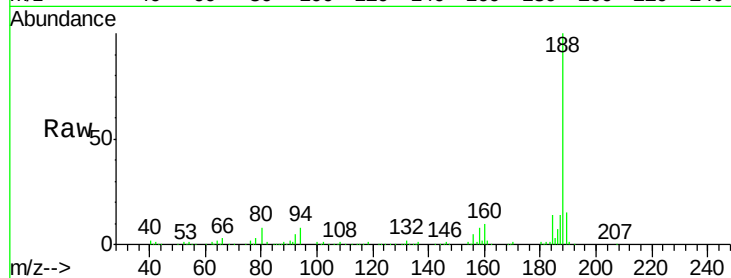




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

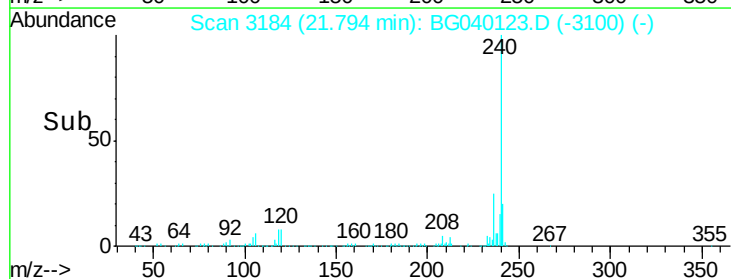
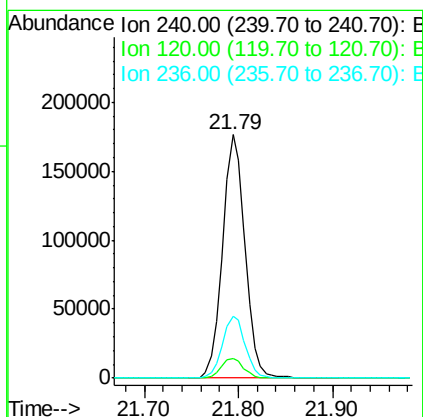
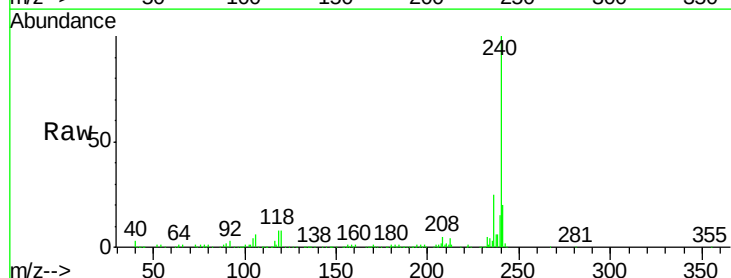
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)

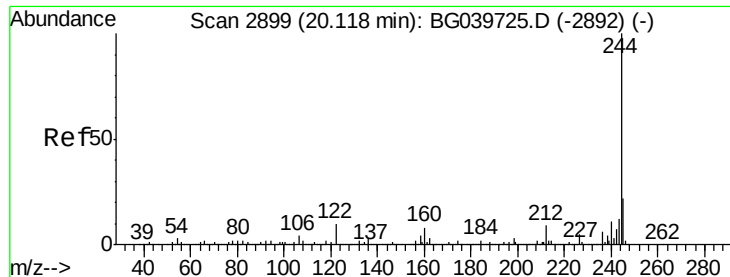
Tgt Ion:188 Resp: 281159
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040123.D
Acq: 25 Mar 2019 18:53

Tgt Ion:240 Resp: 292590
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 88.923 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040123.D

Acq: 25 Mar 2019 18:53

Instrument :

BNA_G

ClientSampled :

S4B(2-10)

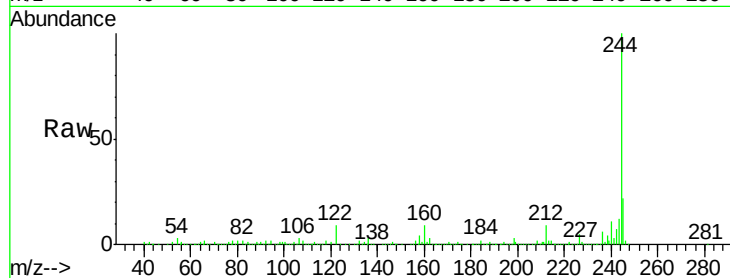
Tgt Ion:244 Resp: 1181664

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

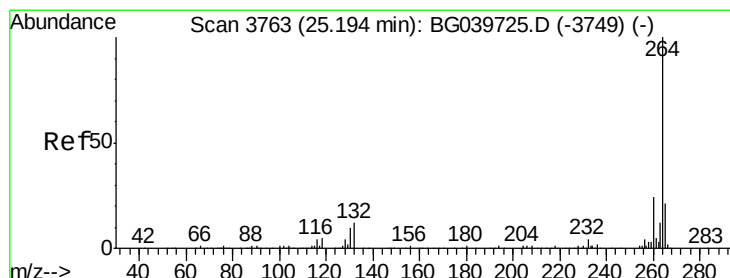
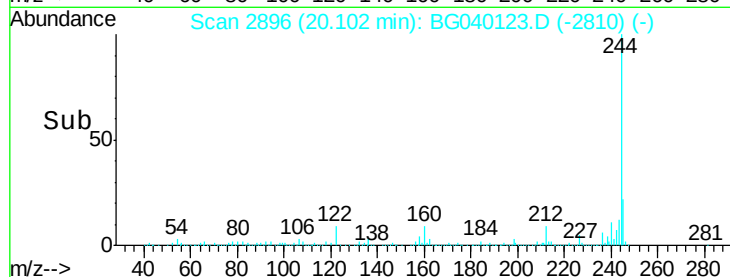
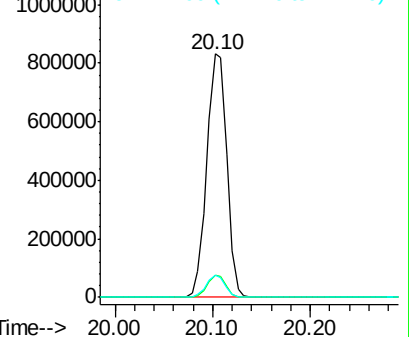
122 9.4 8.4 12.6



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: BG040123.D

Acq: 25 Mar 2019 18:53

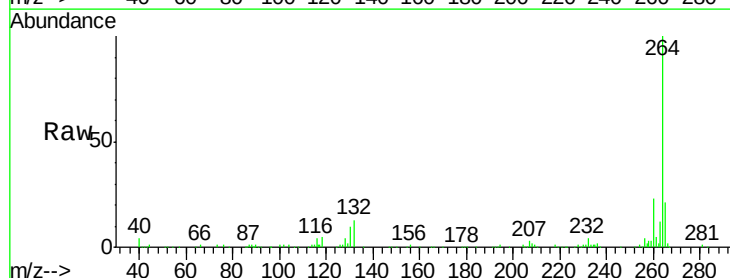
Tgt Ion:264 Resp: 288779

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.7 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

