

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040130.D
 Acq On : 25 Mar 2019 23:33
 Operator : JU/SJ
 Sample : K2058-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3B(5-15)COMP

Quant Time: Mar 26 05:42:41 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	33699	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	139461	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	100065	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	265155	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	274173	20.00	ng	-0.04
87) Perylene-d12	25.16	264	265713	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	260288	131.77	ng	-0.02
7) Phenol-d6	7.29	99	347061	117.84	ng	-0.02
23) Nitrobenzene-d5	9.32	82	244336	94.76	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	153139	131.30	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	625226	88.96	ng	-0.03
79) Terphenyl-d14	20.10	244	1149844	92.34	ng	-0.02

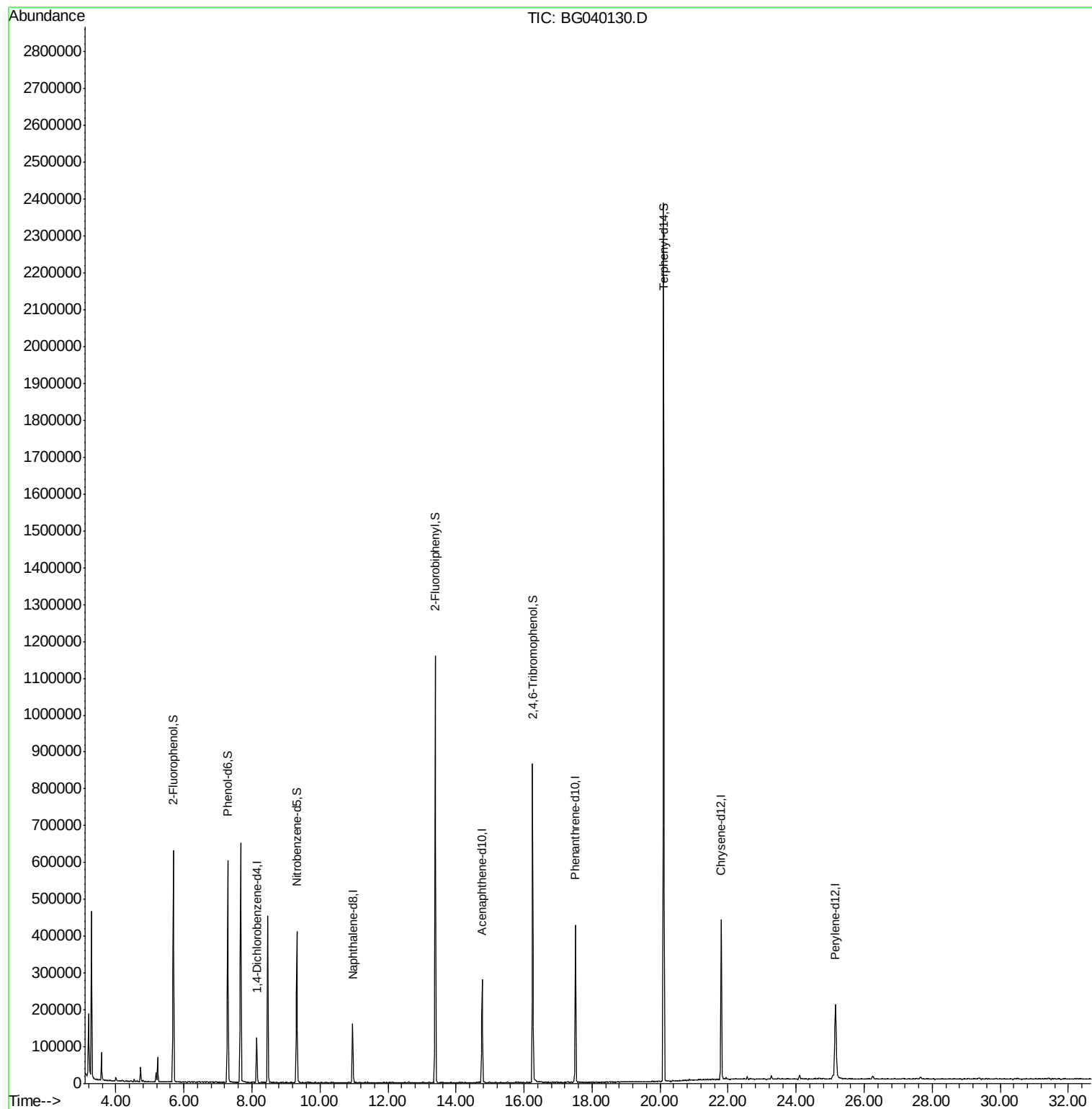
Target Compounds	Qvalue
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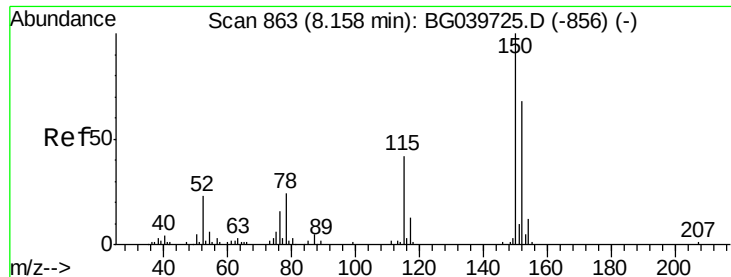
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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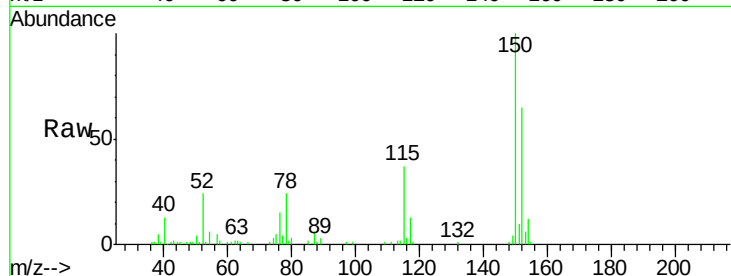


#1

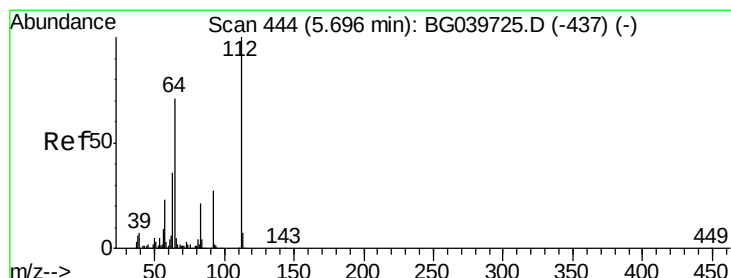
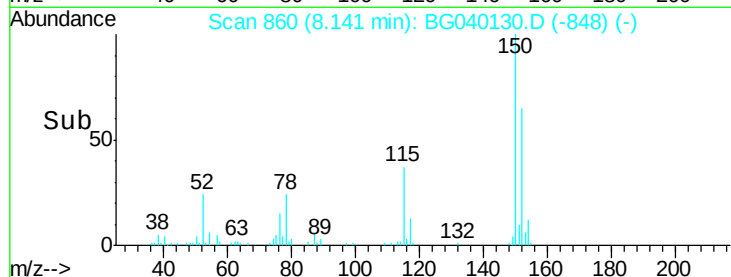
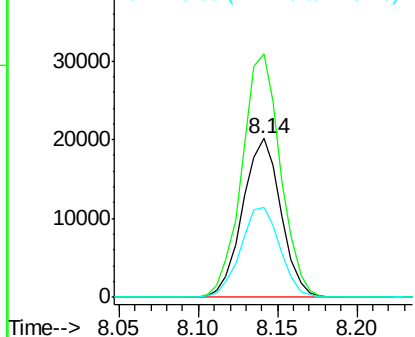
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040130.D
Acq: 25 Mar 2019 23:33

Instrument :
BNA_G
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:152 Resp: 33699
Ion Ratio Lower Upper
152 100
150 153.0 123.7 185.5
115 56.9 45.9 68.9



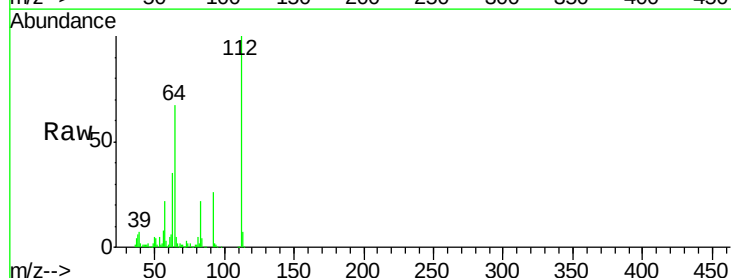
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



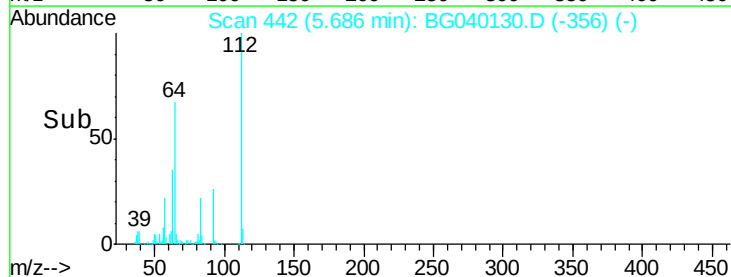
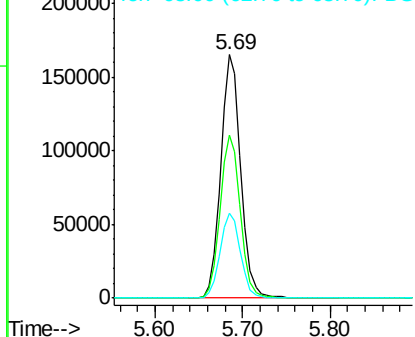
#5

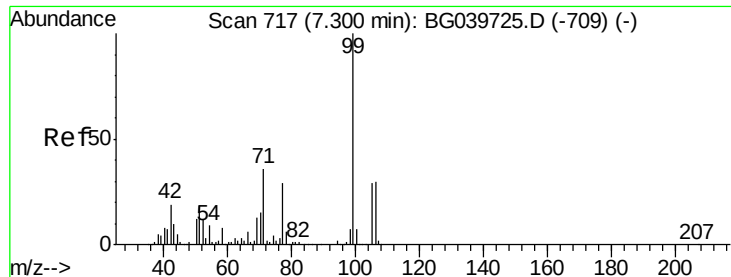
2-Fluorophenol
Concen: 131.771 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040130.D
Acq: 25 Mar 2019 23:33

Tgt Ion:112 Resp: 260288
Ion Ratio Lower Upper
112 100
64 66.9 57.8 86.8
63 34.9 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: 117.835 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040130.D

Acq: 25 Mar 2019 23:33

Instrument :

BNA_G

ClientSampleId :

S3B(5-15)COMP

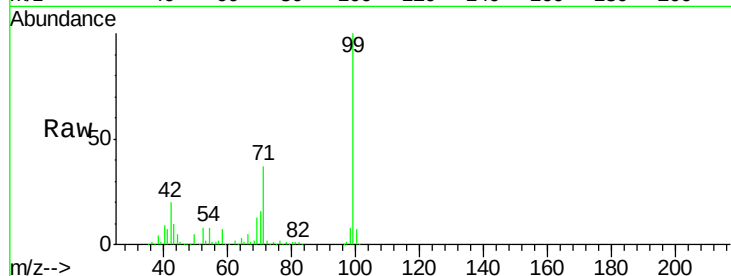
Tgt Ion: 99 Resp: 347061

Ion Ratio Lower Upper

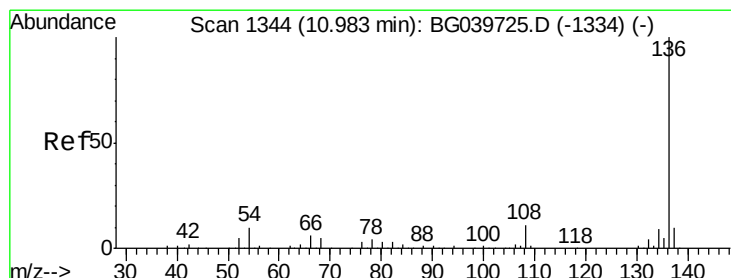
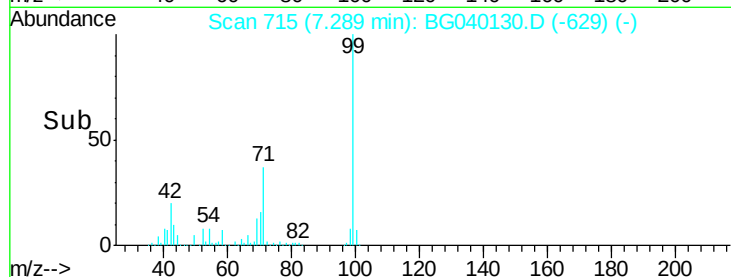
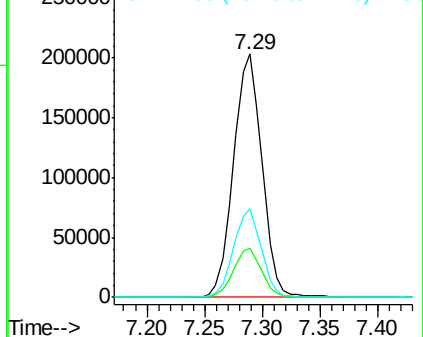
99 100

42 19.9 18.2 27.2

71 36.6 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: BG040130.D

Acq: 25 Mar 2019 23:33

Tgt Ion: 136 Resp: 139461

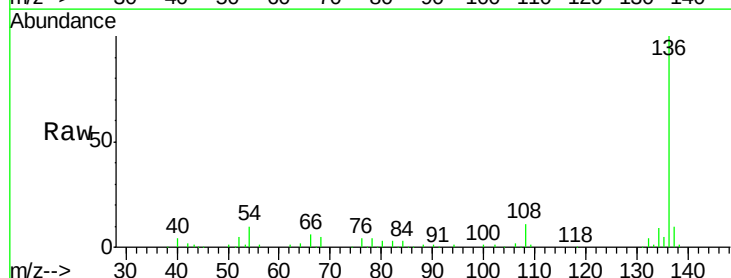
Ion Ratio Lower Upper

136 100

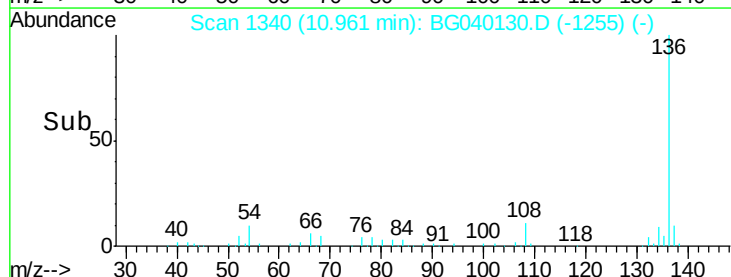
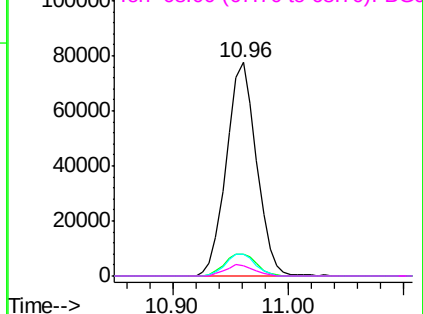
137 9.9 9.1 13.7

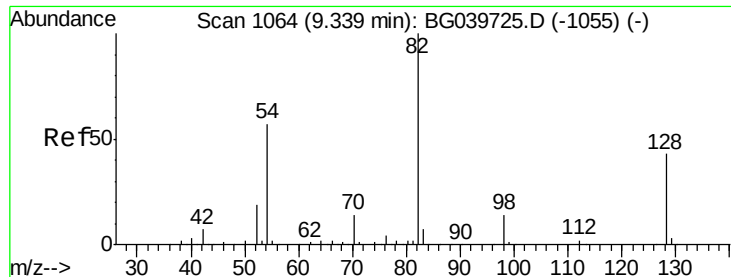
54 10.2 9.4 14.2

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

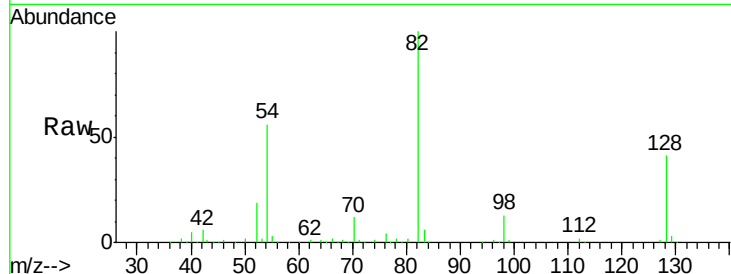




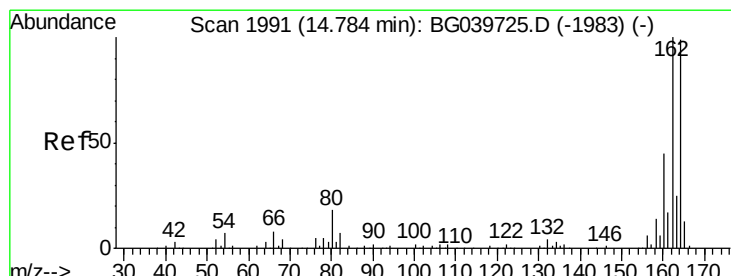
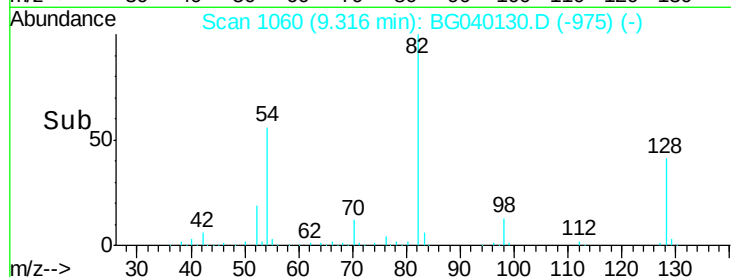
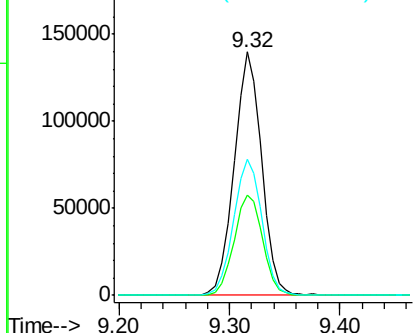
#23
 Nitrobenzene-d5
 Concen: 94.755 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040130.D
 Acq: 25 Mar 2019 23:33

Instrument :
 BNA_G
 ClientSampleId :
 S3B(5-15)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	56.1	50.9	76.3

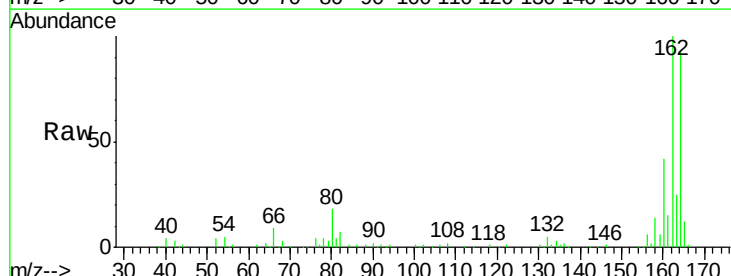


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

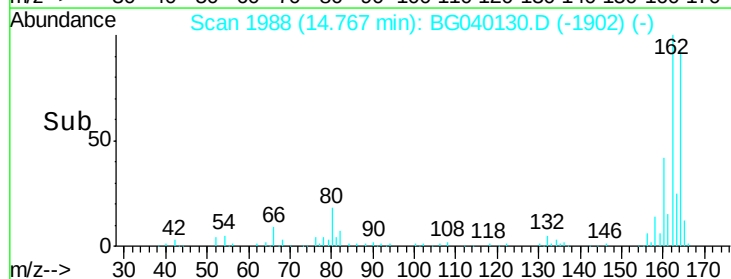
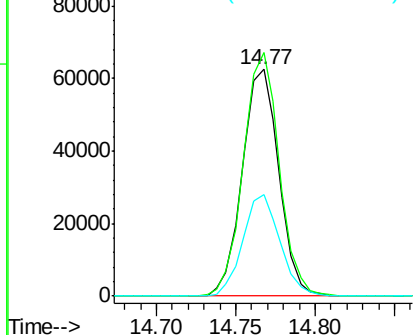


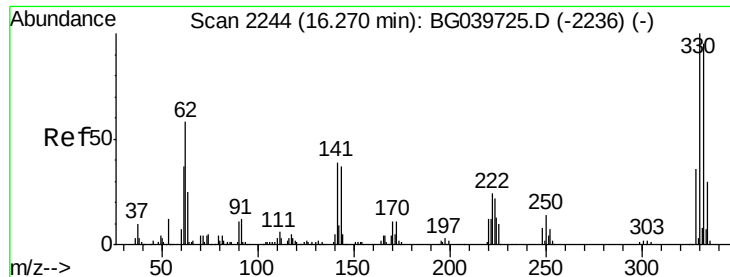
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040130.D
 Acq: 25 Mar 2019 23:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	81.6	122.4
160	44.6	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

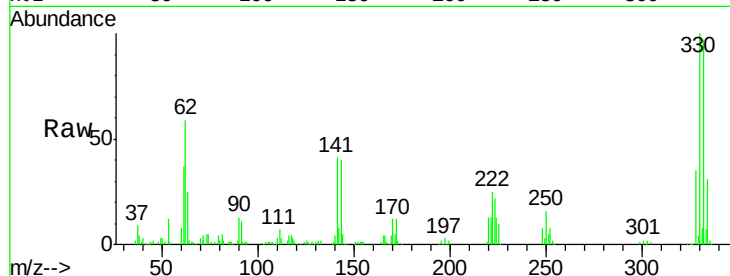




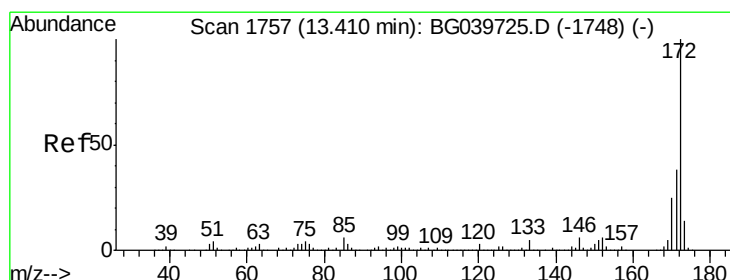
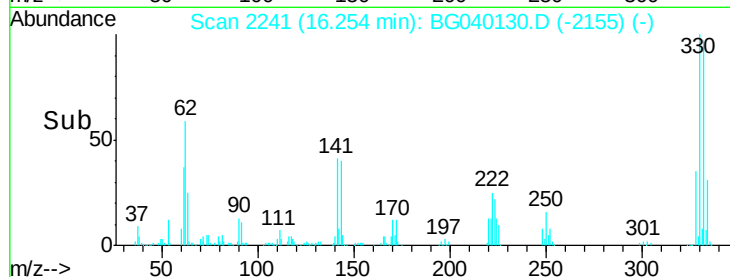
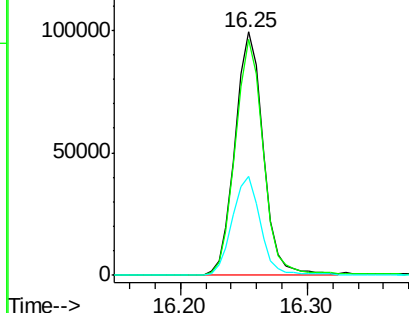
#42
 2,4,6-Tribromophenol
 Concen: 131.300 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040130.D
 Acq: 25 Mar 2019 23:33

Instrument :
 BNA_G
 ClientSampleId :
 S3B(5-15)COMP

Tgt Ion:330 Resp: 153139
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.7 113.5
 141 40.8 35.6 53.4

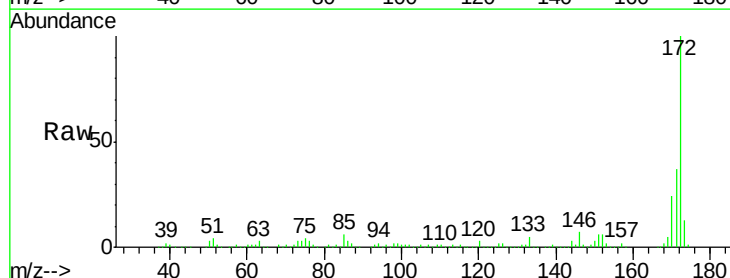


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

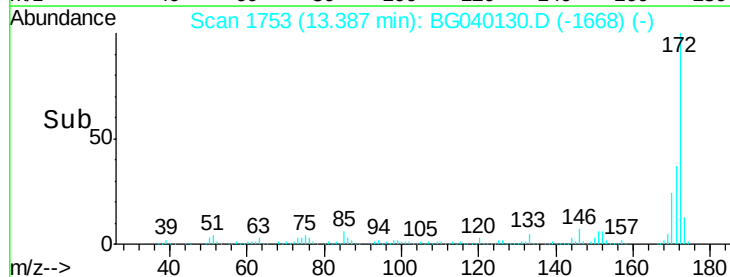
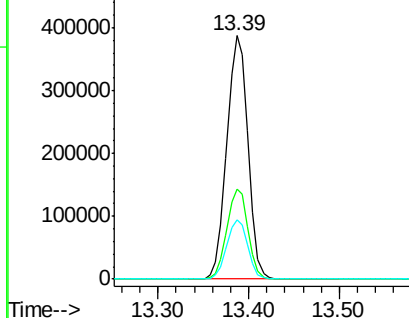


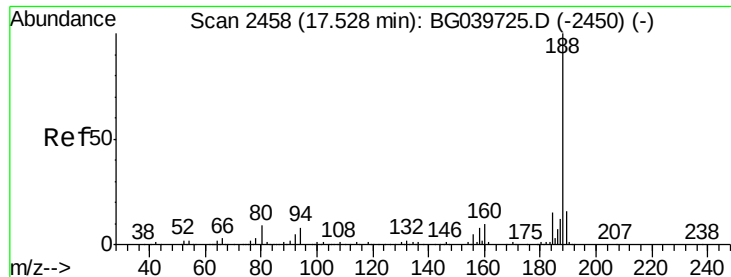
#45
 2-Fluorobiphenyl
 Concen: 88.964 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040130.D
 Acq: 25 Mar 2019 23:33

Tgt Ion:172 Resp: 625226
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.3 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

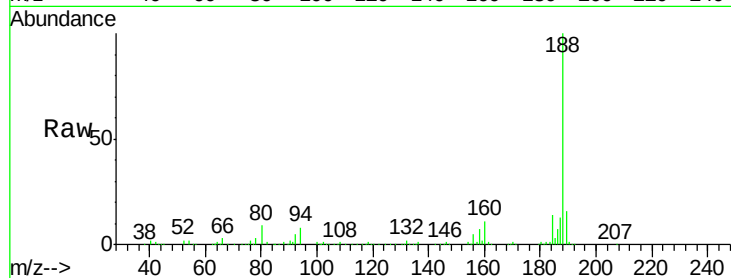




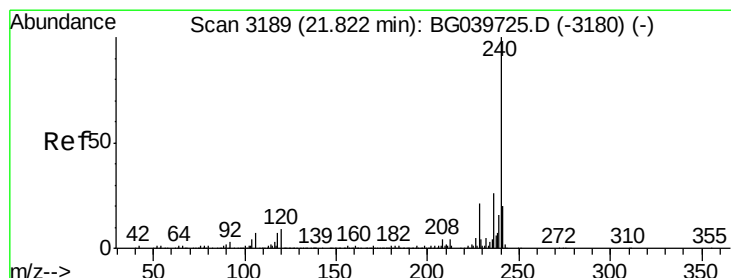
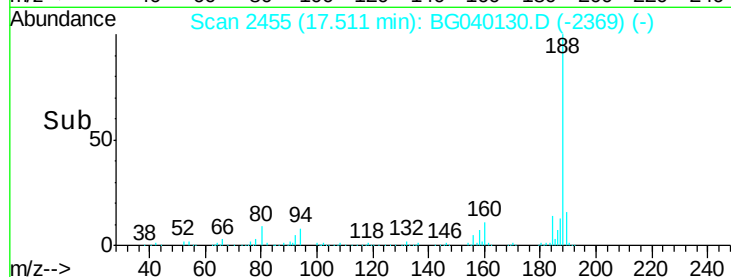
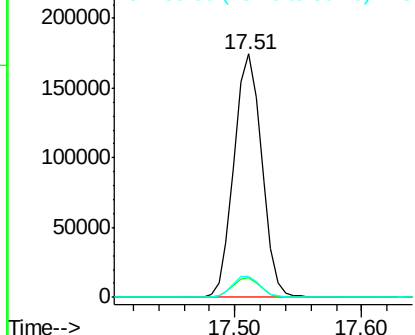
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040130.D
Acq: 25 Mar 2019 23:33

Instrument :
BNA_G
ClientSampleId :
S3B(5-15)COMP

Tgt Ion:188 Resp: 265155
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 8.5 8.1 12.1

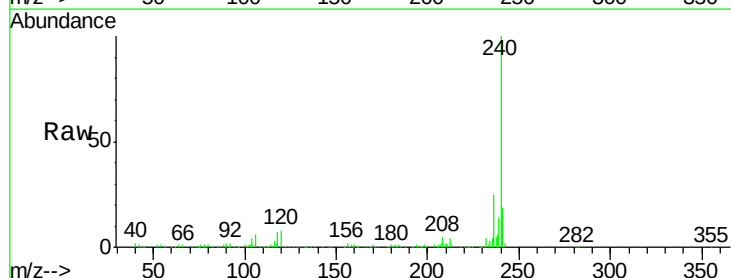


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

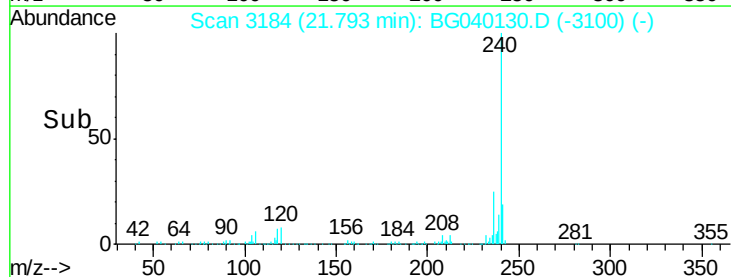
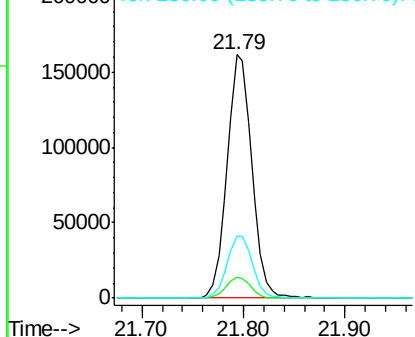


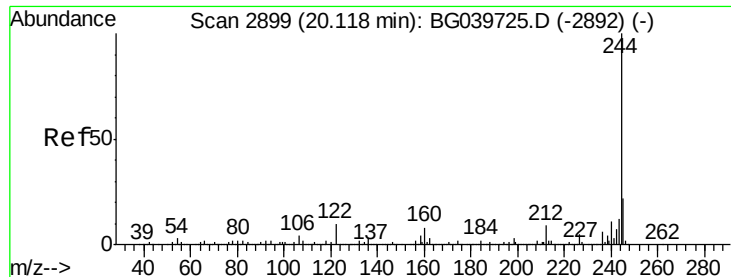
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040130.D
Acq: 25 Mar 2019 23:33

Tgt Ion:240 Resp: 274173
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.5 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: 92.341 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040130.D

Acq: 25 Mar 2019 23:33

Instrument :

BNA_G

ClientSampleId :

S3B(5-15)COMP

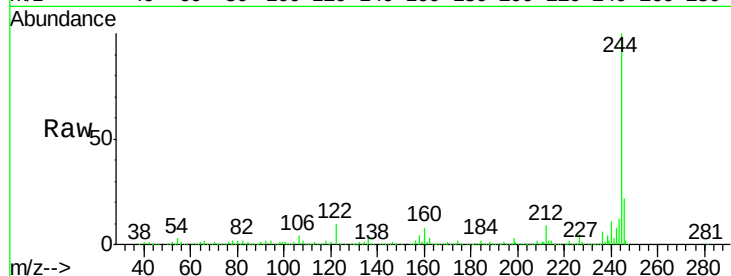
Tgt Ion:244 Resp: 1149844

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

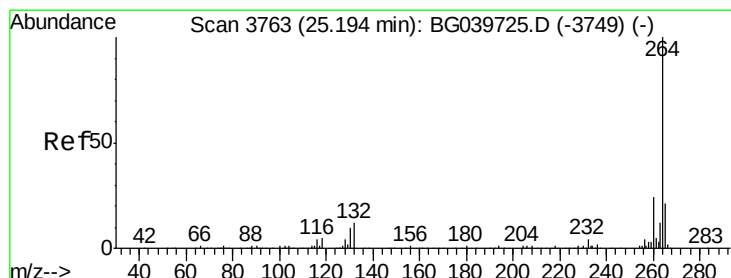
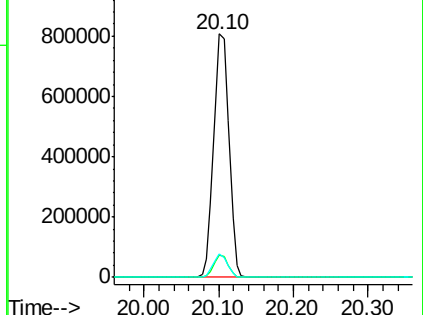
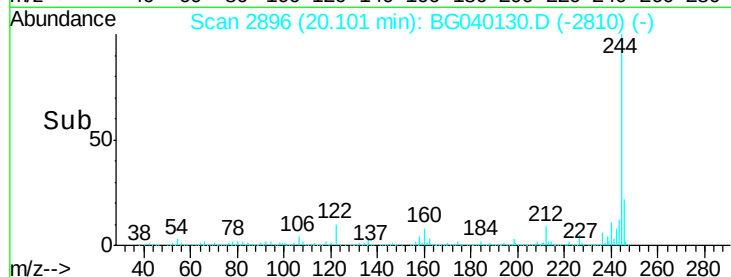
122 9.8 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040130.D

Acq: 25 Mar 2019 23:33

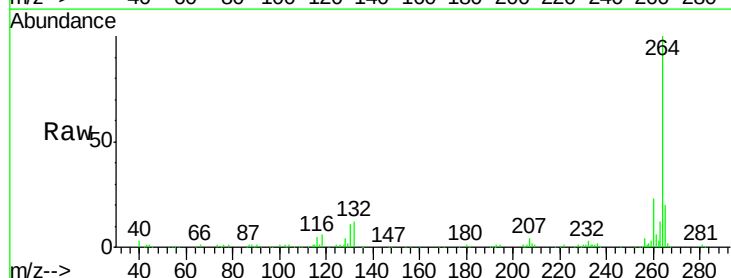
Tgt Ion:264 Resp: 265713

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 20.4 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

