

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040046.D
 Acq On : 20 Mar 2019 21:44
 Operator : JU/SJ
 Sample : K1935-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18(14-15)

Quant Time: Mar 21 10:47:31 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

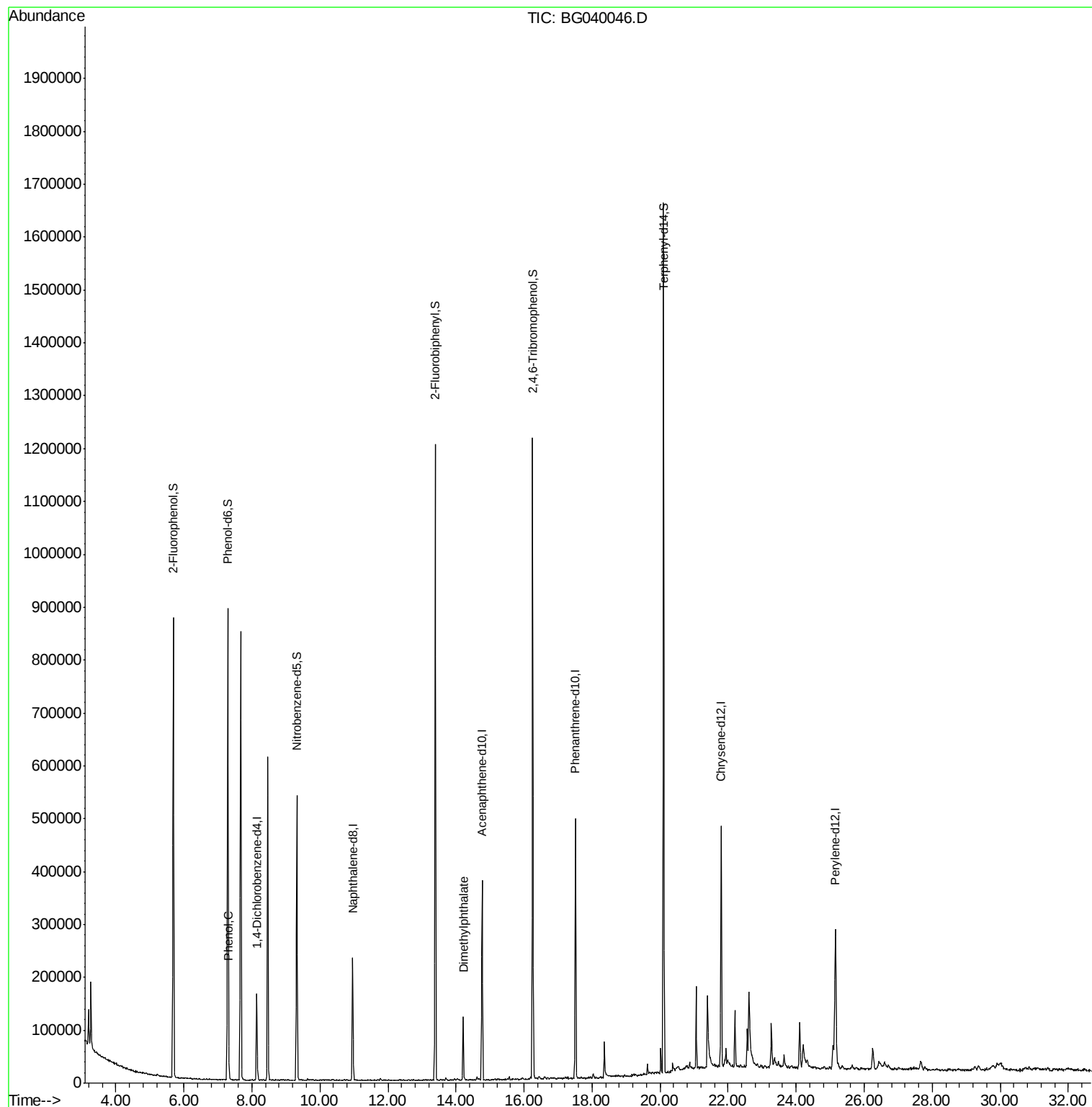
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44598	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	196930	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	133704	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	300788	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	282576	20.00	ng	-0.03
87) Perylene-d12	25.15	264	283108	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	354032	135.43	ng	-0.02
7) Phenol-d6	7.29	99	515865	132.34	ng	-0.02
23) Nitrobenzene-d5	9.32	82	325987	89.53	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	205188	131.66	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	641346	68.30	ng	-0.03
79) Terphenyl-d14	20.10	244	764205	59.55	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	14879	3.524	ng	89
50) Dimethylphthalate	14.21	163	80452	7.196	ng	99

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

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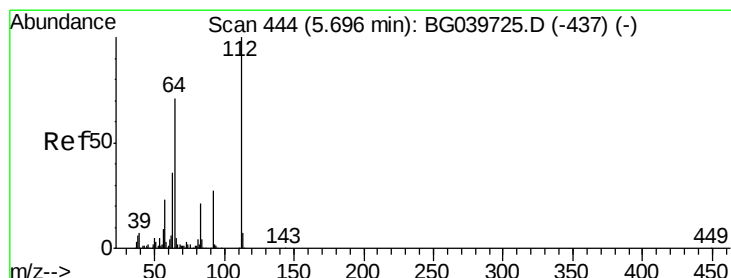
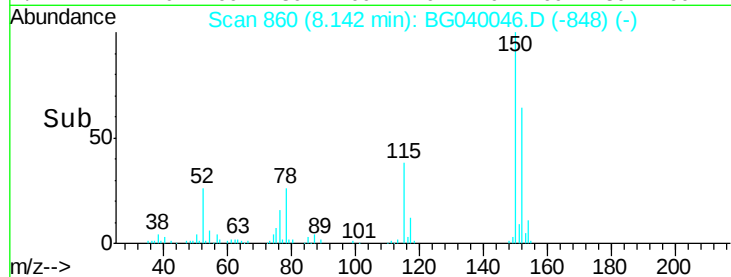
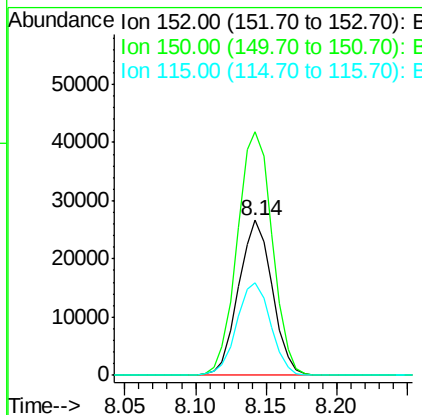
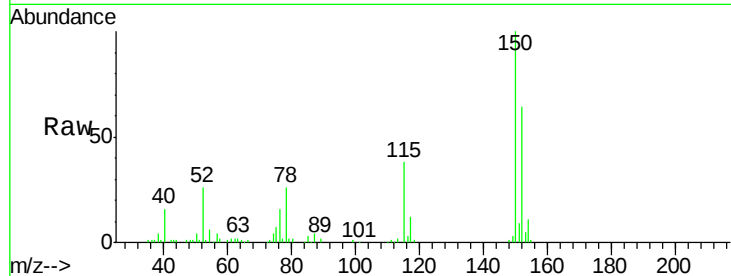


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040046.D
Acq: 20 Mar 2019 21:44

Instrument :
BNA_G
ClientSampled :
SB-18(14-15)

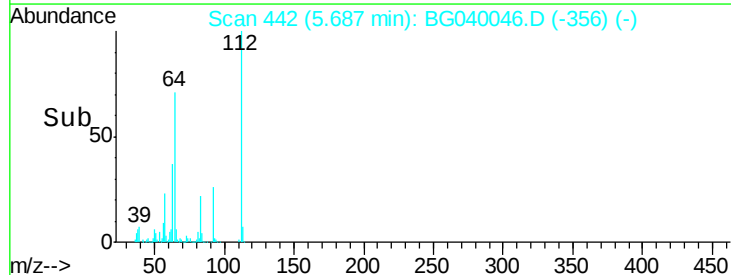
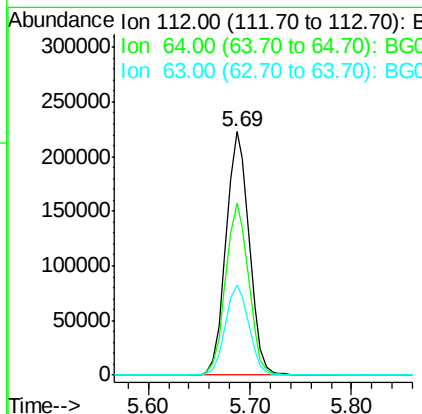
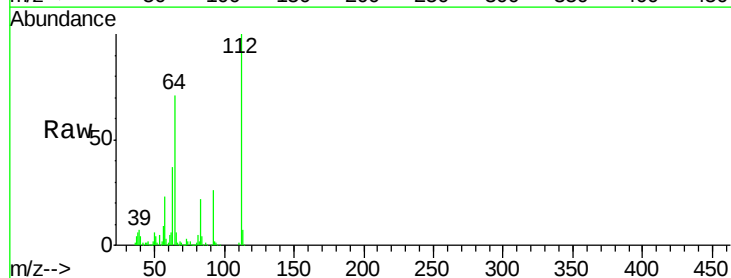
Tgt Ion:152 Resp: 44598
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 59.9 45.9 68.9

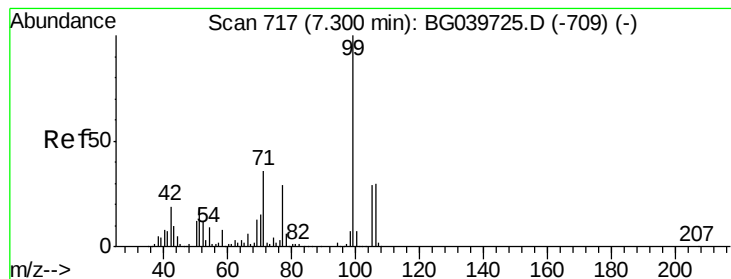


#5

2-Fluorophenol
Concen: 135.428 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040046.D
Acq: 20 Mar 2019 21:44

Tgt Ion:112 Resp: 354032
Ion Ratio Lower Upper
112 100
64 70.7 57.8 86.8
63 36.9 29.8 44.6





#7

Phenol-d6

Concen: 132.345 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040046.D

Acq: 20 Mar 2019 21:44

Instrument :

BNA_G

ClientSampleId :

SB-18(14-15)

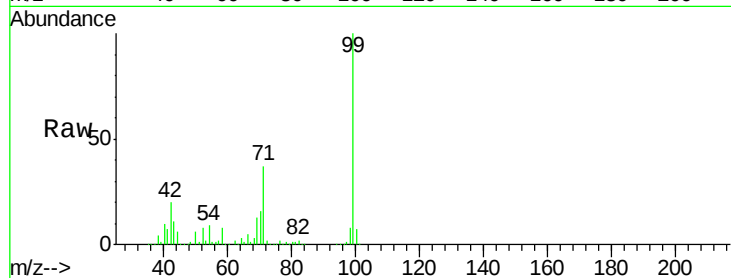
Tgt Ion: 99 Resp: 515865

Ion Ratio Lower Upper

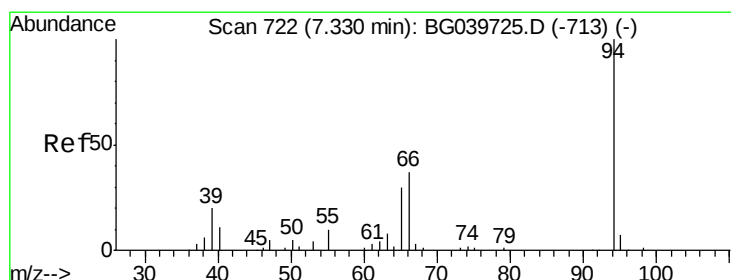
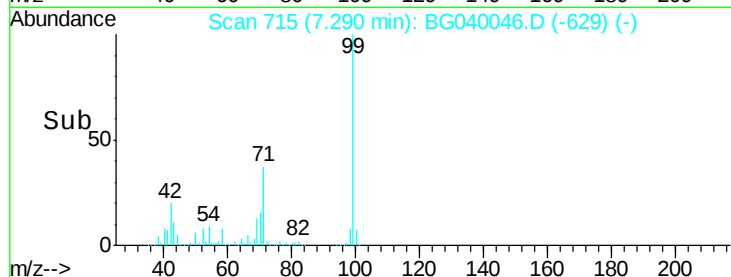
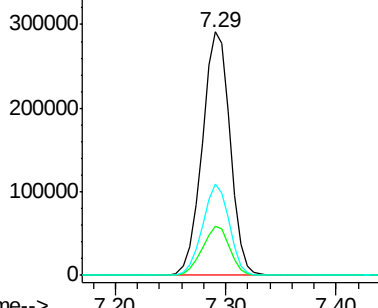
99 100

42 20.3 18.2 27.2

71 37.3 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



#10

Phenol

Concen: 3.524 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040046.D

Acq: 20 Mar 2019 21:44

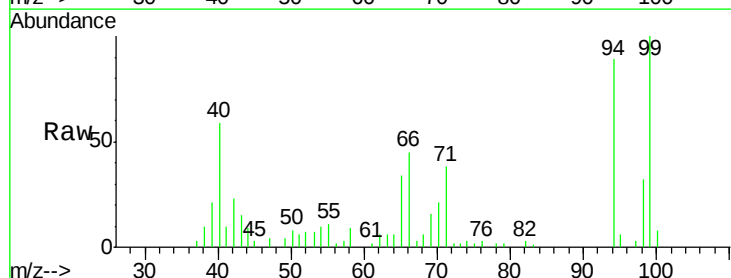
Tgt Ion: 94 Resp: 14879

Ion Ratio Lower Upper

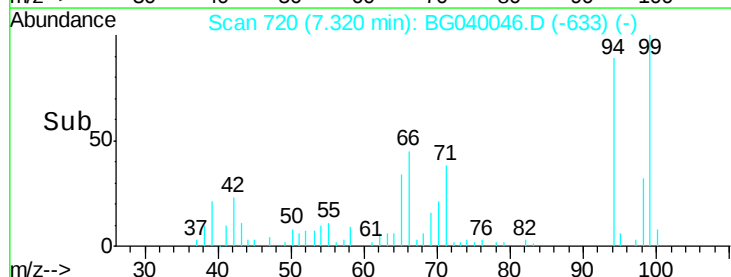
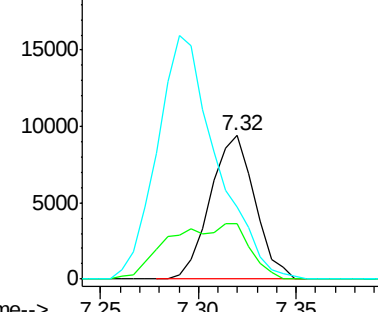
94 100

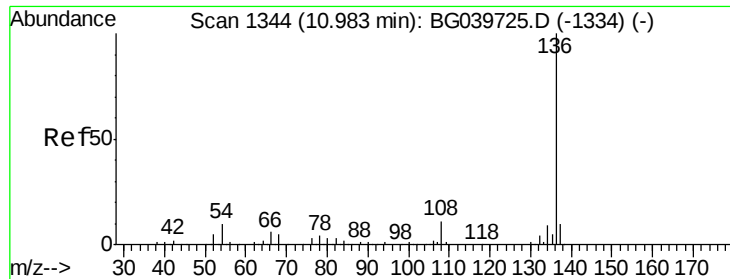
65 38.8 11.7 51.7

66 50.2 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

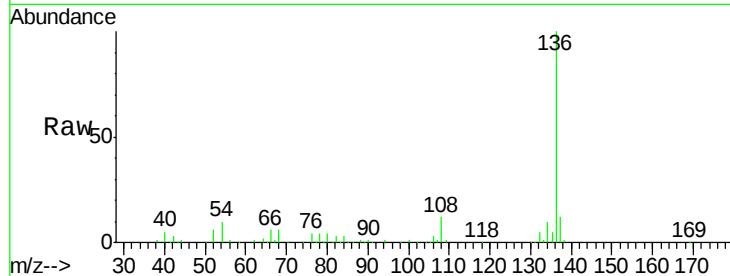




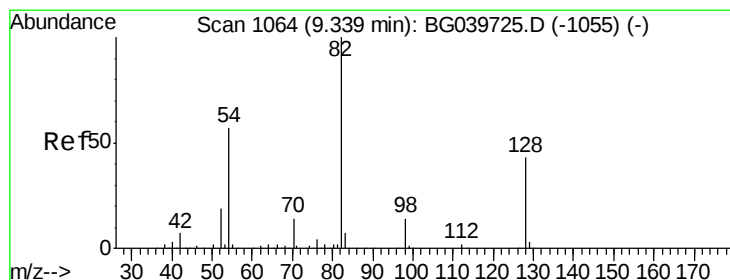
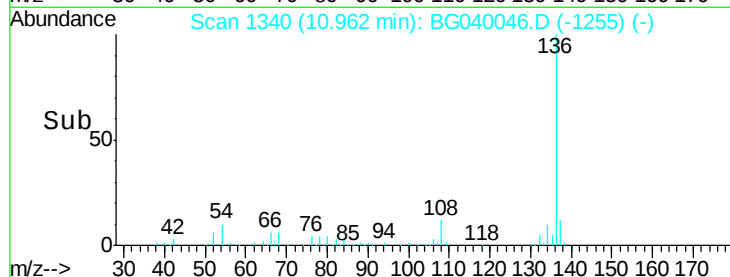
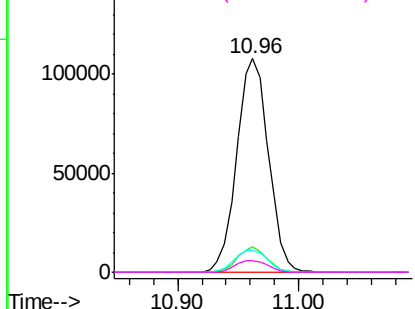
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040046.D
Acq: 20 Mar 2019 21:44

Instrument :
BNA_G
ClientSampleId :
SB-18(14-15)

Tgt Ion:	136	Resp:	196930
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.2	9.4	14.2
68	5.6	4.2	6.4

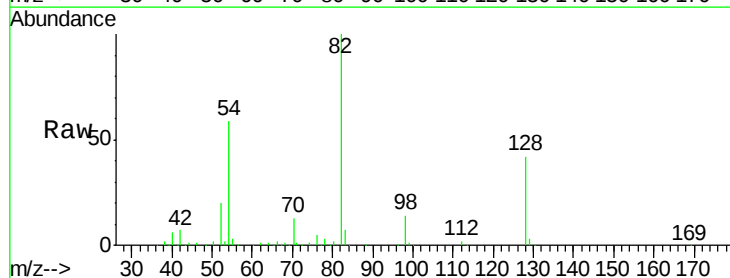


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

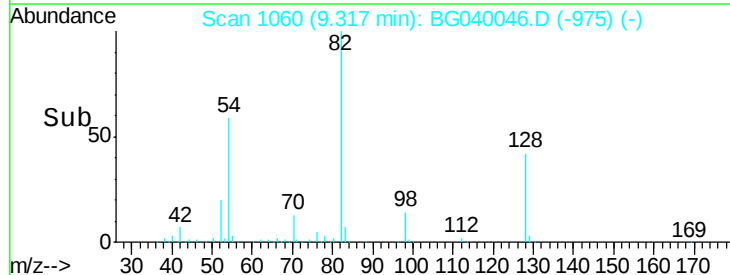
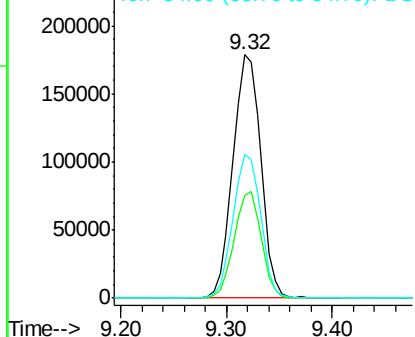


#23
Nitrobenzene-d5
Concen: 89.528 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040046.D
Acq: 20 Mar 2019 21:44

Tgt Ion:	82	Resp:	325987
Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	59.1	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: BG040046.D

Acq: 20 Mar 2019 21:44

Instrument :

BNA_G

ClientSampled :

SB-18(14-15)

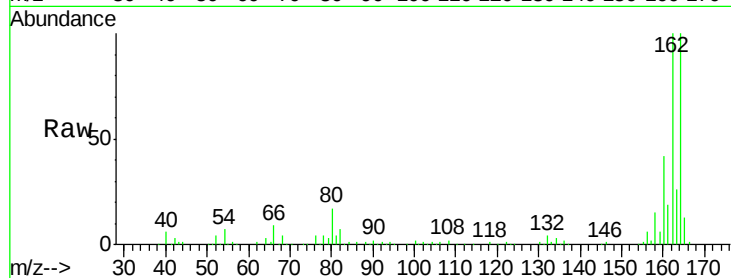
Tgt Ion:164 Resp: 133704

Ion Ratio Lower Upper

164 100

162 100.2 81.6 122.4

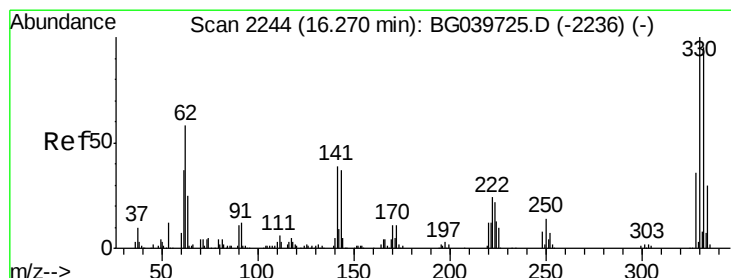
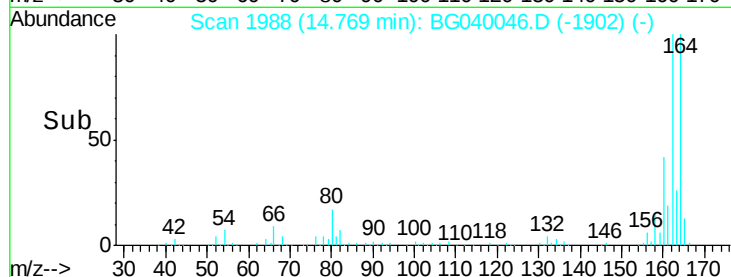
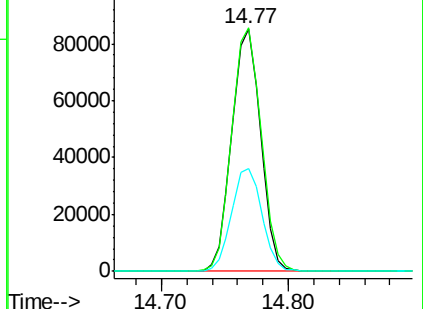
160 42.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 131.664 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040046.D

Acq: 20 Mar 2019 21:44

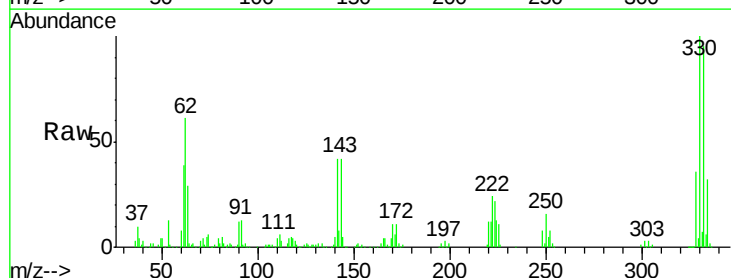
Tgt Ion:330 Resp: 205188

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

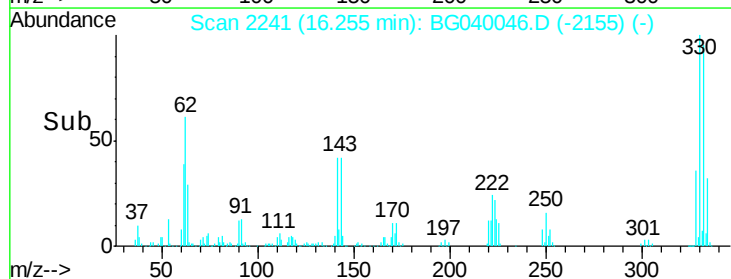
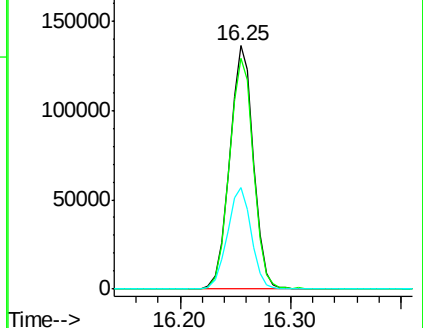
141 41.9 35.6 53.4



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

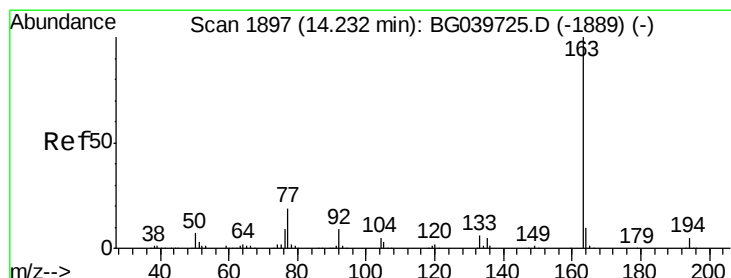
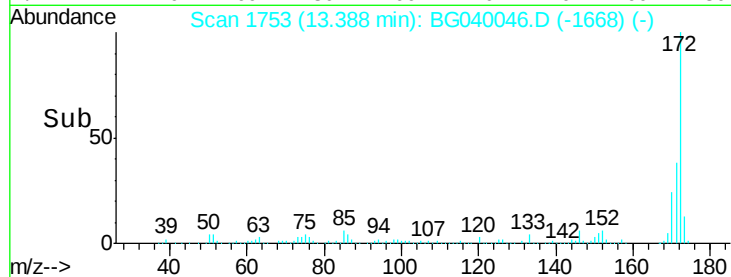
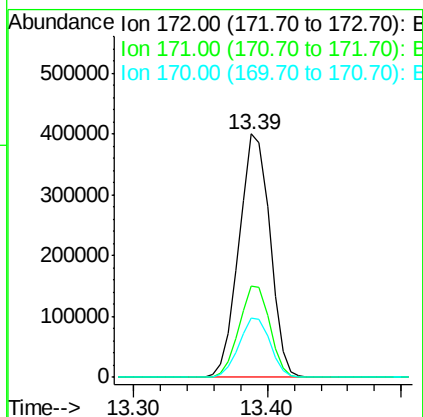
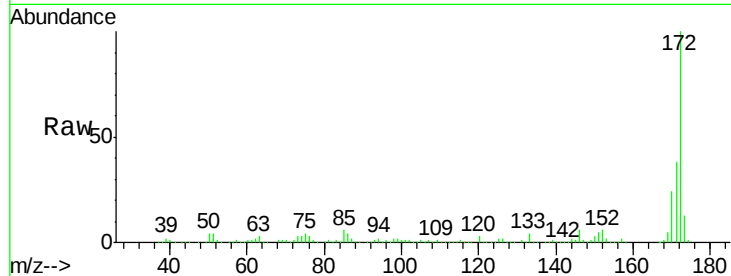




#45
 2-Fluorobiphenyl
 Concen: 68.298 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040046.D
 Acq: 20 Mar 2019 21:44

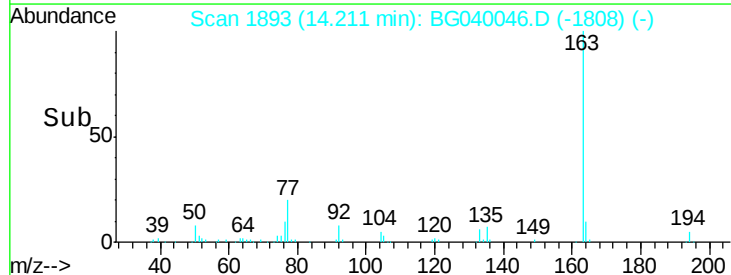
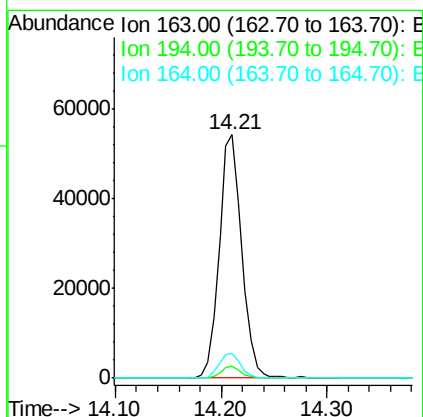
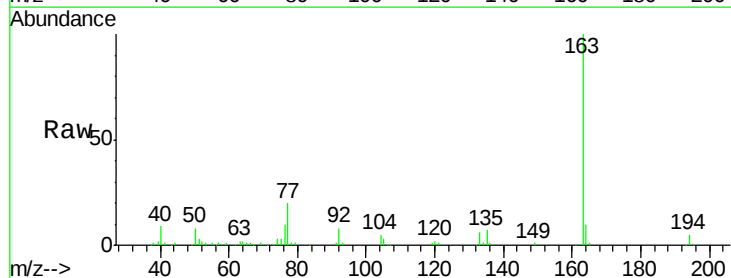
Instrument :
 BNA_G
 ClientSampleId :
 SB-18(14-15)

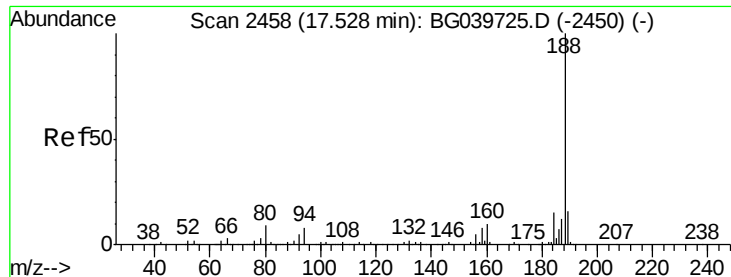
Tgt Ion:172 Resp: 641346
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.4 20.2 30.4



#50
 Dimethylphthalate
 Concen: 7.196 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.03 min
 Lab File: BG040046.D
 Acq: 20 Mar 2019 21:44

Tgt Ion:163 Resp: 80452
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.6 5.4
 164 10.0 8.4 12.6

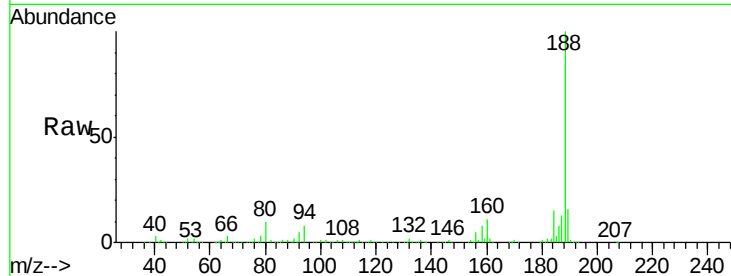




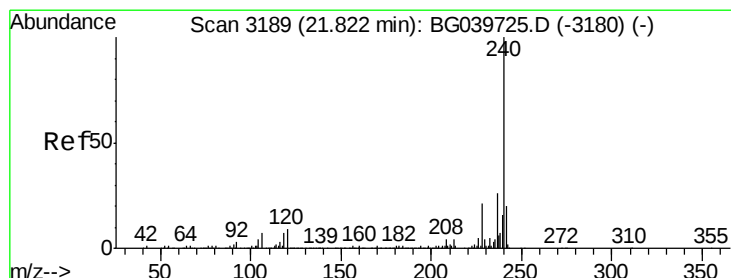
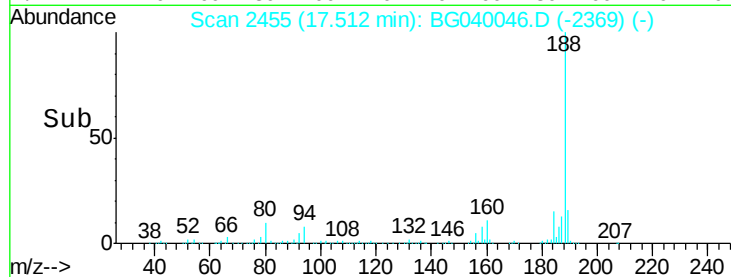
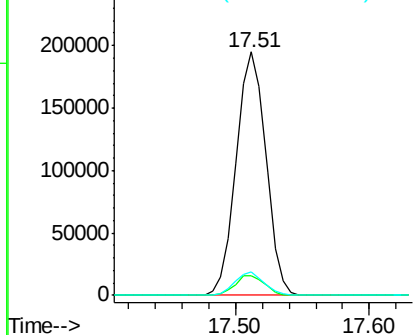
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040046.D
Acq: 20 Mar 2019 21:44

Instrument :
BNA_G
ClientSampleId :
SB-18(14-15)

Tgt Ion:188 Resp: 300788
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.6 8.1 12.1

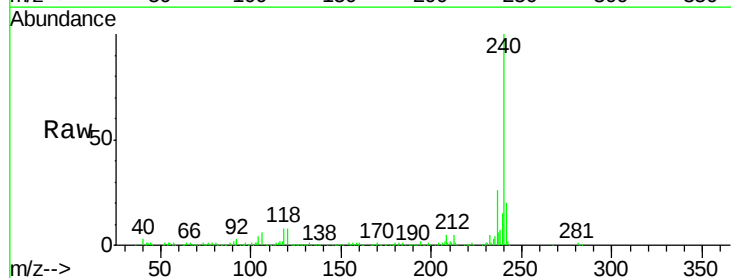


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

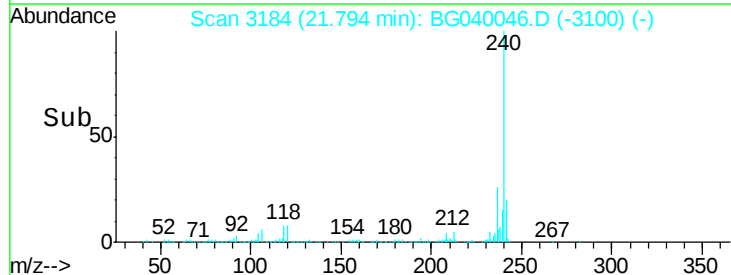
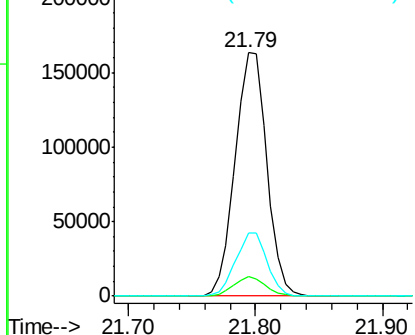


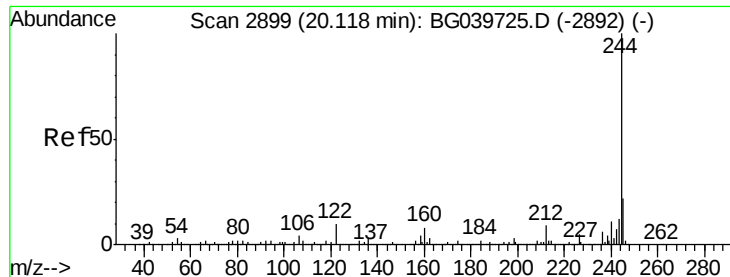
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040046.D
Acq: 20 Mar 2019 21:44

Tgt Ion:240 Resp: 282576
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 25.8 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: 59.546 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040046.D

Acq: 20 Mar 2019 21:44

Instrument :

BNA_G

ClientSampleId :

SB-18(14-15)

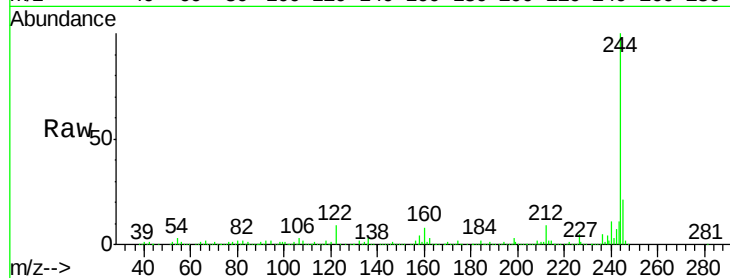
Tgt Ion:244 Resp: 764205

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

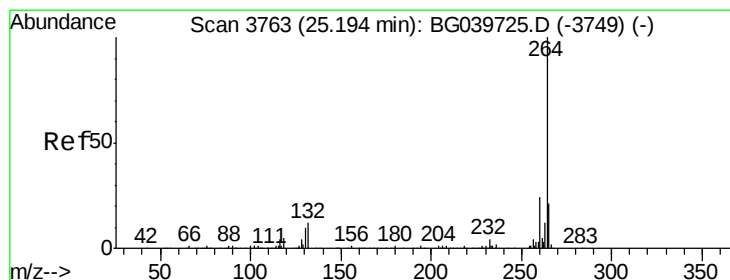
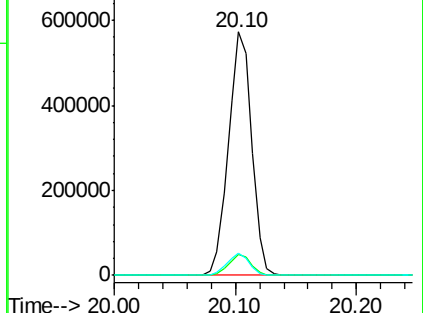
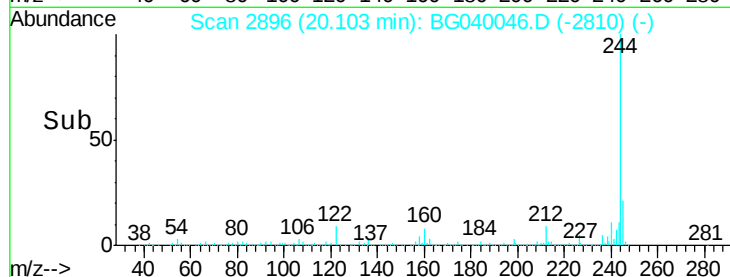
122 9.3 8.4 12.6



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: BG040046.D

Acq: 20 Mar 2019 21:44

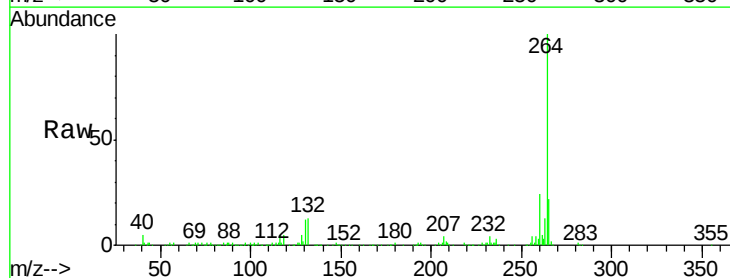
Tgt Ion:264 Resp: 283108

Ion Ratio Lower Upper

264 100

260 24.3 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

