

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041241.D
 Acq On : 14 Jun 2019 4:24
 Operator : HP/JU
 Sample : K3340-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-730(1)

Quant Time: Jun 14 06:06:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

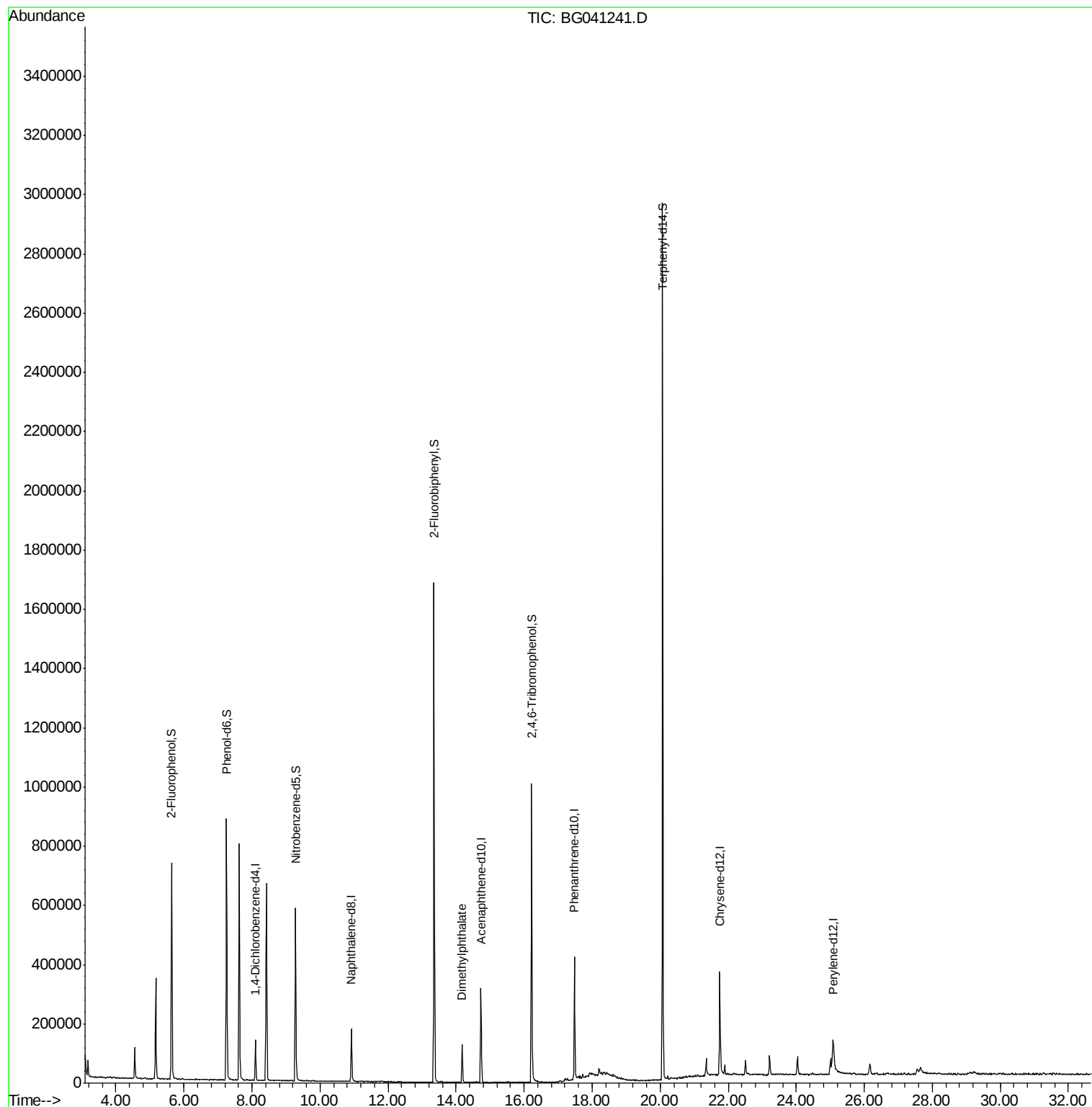
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37173	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	154779	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112771	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	259105	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255227	20.00	ng	0.00
87) Perylene-d12	25.09	264	193908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	285112	138.30	ng	0.00
7) Phenol-d6	7.25	99	459517	144.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	355285	101.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	197993	118.26	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	859426	109.75	ng	0.00
79) Terphenyl-d14	20.07	244	1341107	111.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.17	163	92030	9.641	ng	Qvalue 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

B-730(1)

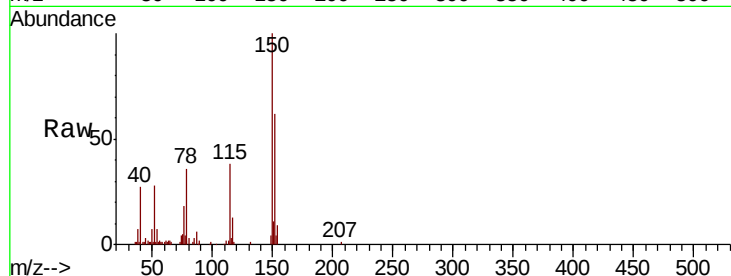
Tot Ion:152 Resp: 37173

Ion Ratio Lower Upper

152 100

150 161.6 120.6 180.8

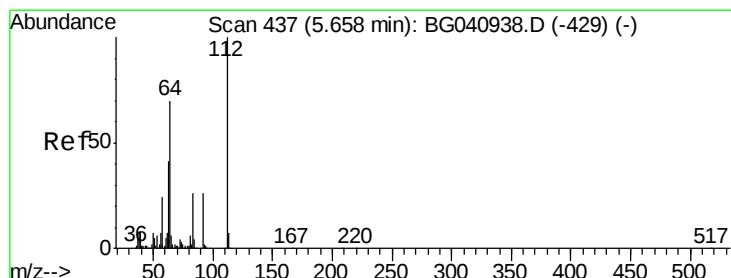
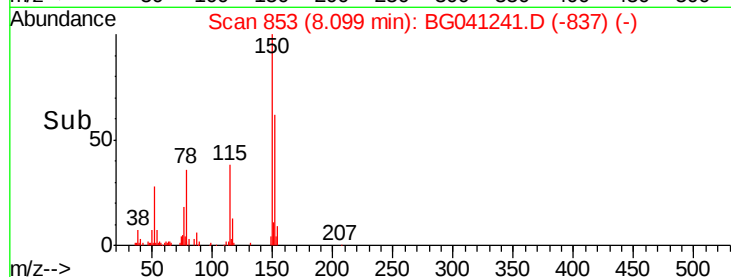
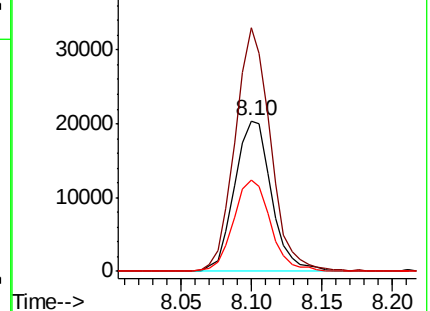
115 60.7 45.1 67.7



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: 138.304 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

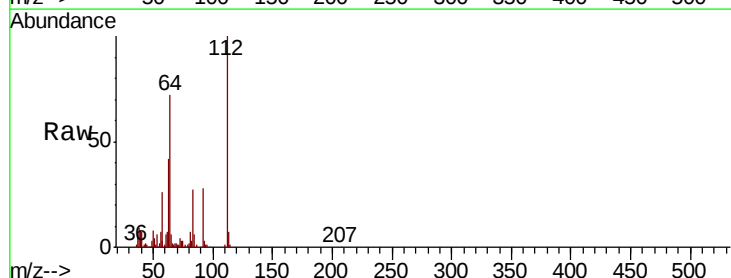
Tgt Ion:112 Resp: 285112

Ion Ratio Lower Upper

112 100

64 72.1 56.2 84.2

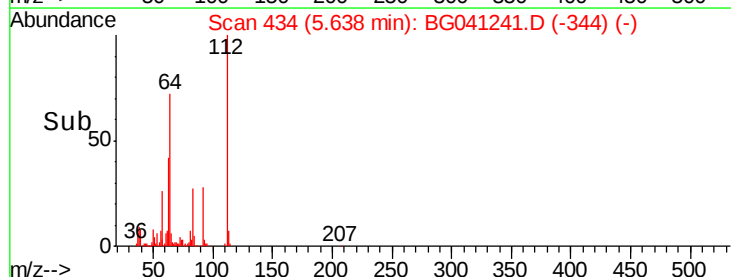
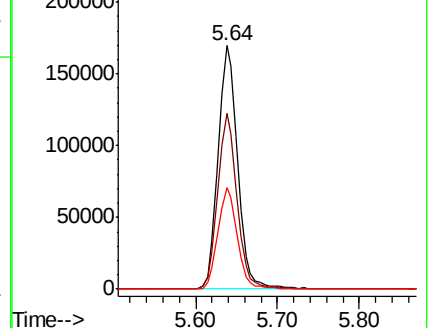
63 41.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 144.332 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

B-730(1)

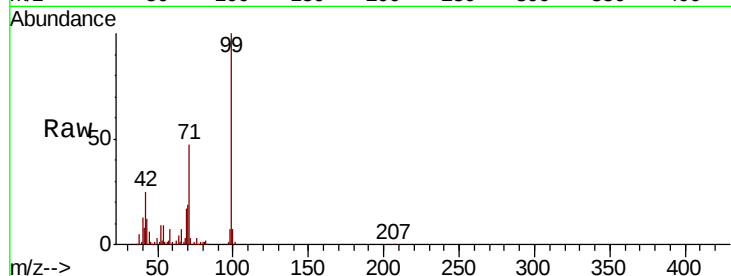
Tot Ion: 99 Resp: 459517

Ion Ratio Lower Upper

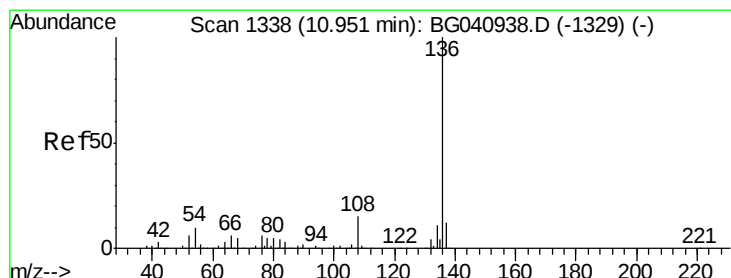
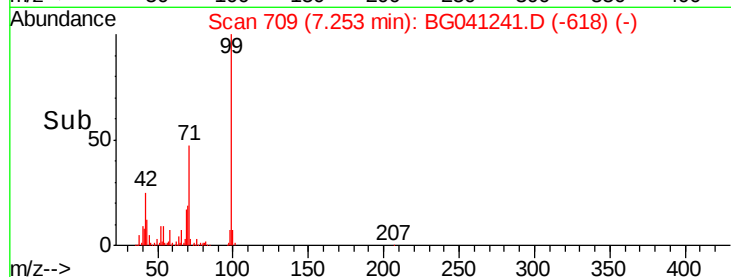
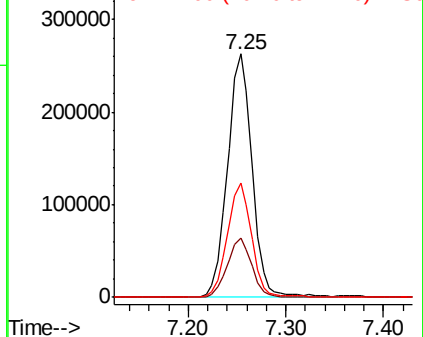
99 100

42 24.6 17.9 26.9

71 47.2 35.4 53.0



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: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Tgt Ion: 136 Resp: 154779

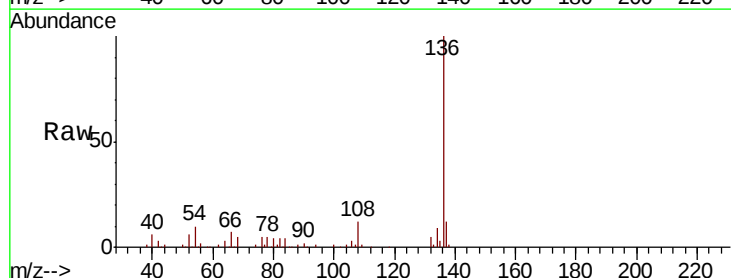
Ion Ratio Lower Upper

136 100

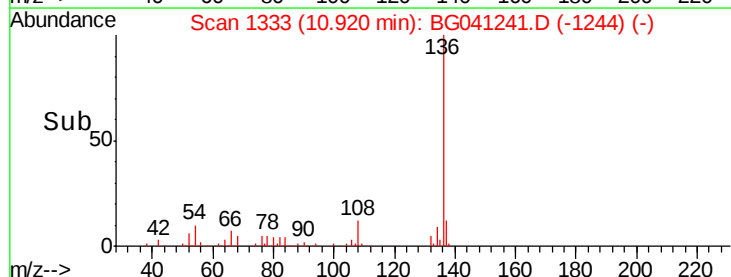
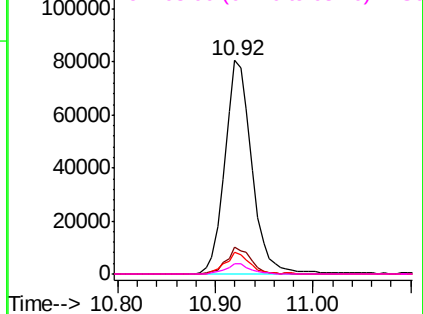
137 12.4 9.5 14.3

54 10.1 7.6 11.4

68 4.6 3.9 5.9



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

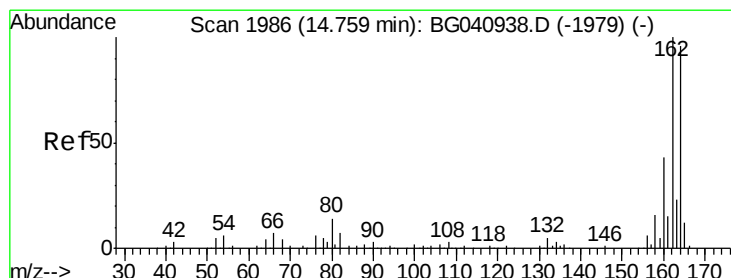
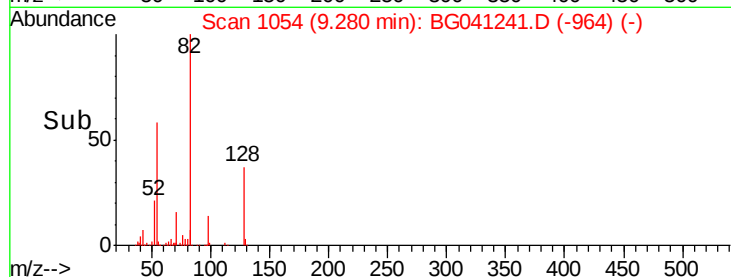
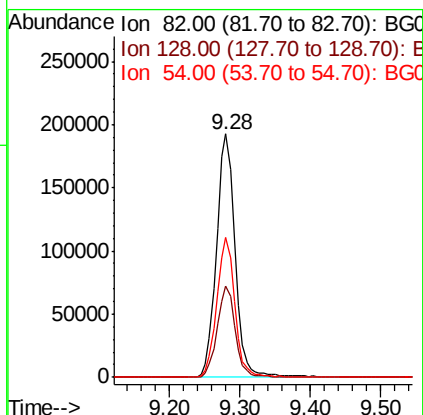
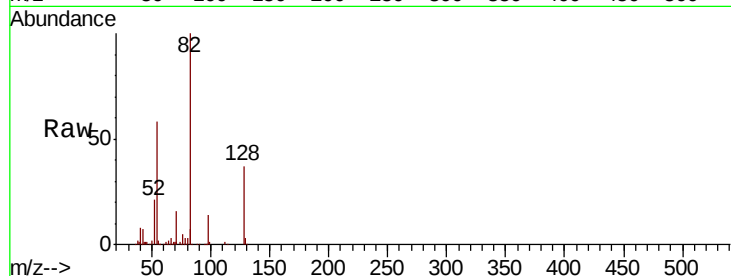




#23
Nitrobenzene-d5
Concen: 101.903 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

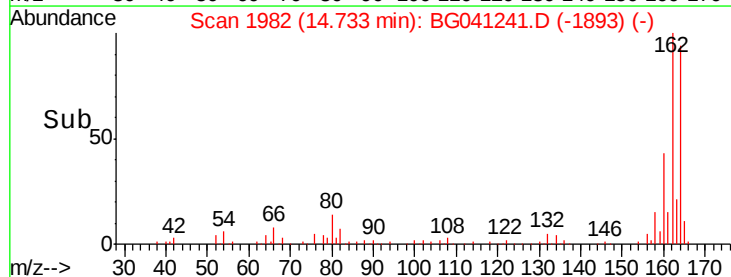
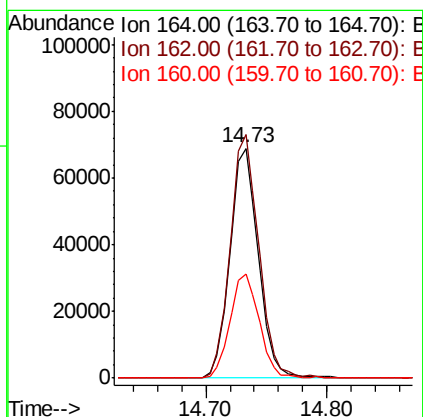
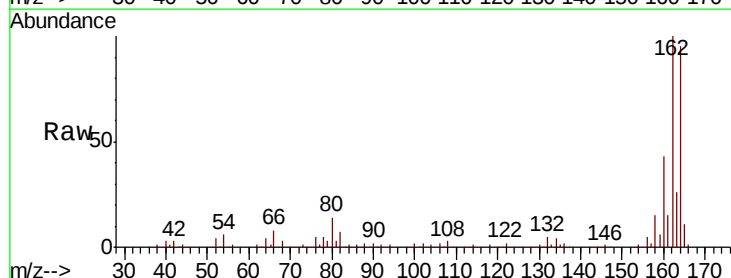
Instrument :
BNA_G
ClientSampled :
B-730(1)

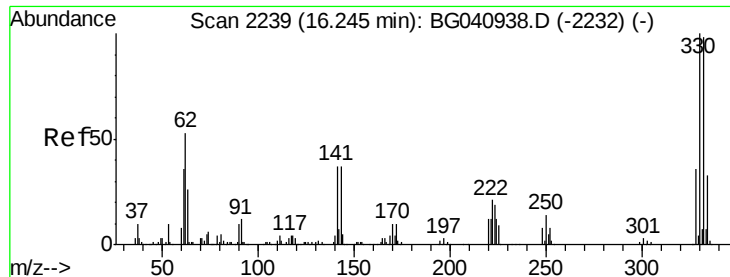
Tot Ion	82	Resp	355285
Ion Ratio	Lower	Upper	
82	100		
128	37.4	30.5	45.7
54	57.6	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041241.D
Acq: 14 Jun 2019 4:24

Tgt Ion	164	Resp	112771
Ion Ratio	Lower	Upper	
164	100		
162	105.8	83.0	124.4
160	45.3	35.6	53.4

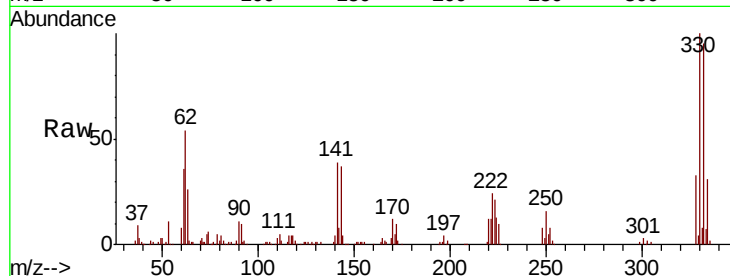




#42
 2,4,6-Tribromophenol
 Concen: 118.264 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG041241.D
 Acq: 14 Jun 2019 4:24

Instrument :
 BNA_G
 ClientSampleId :
 B-730(1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.5	117.7
141	38.6	28.7	43.1

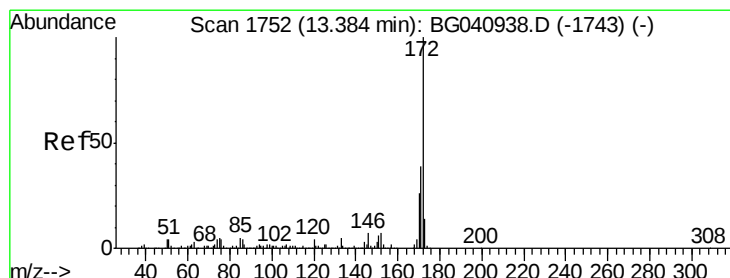
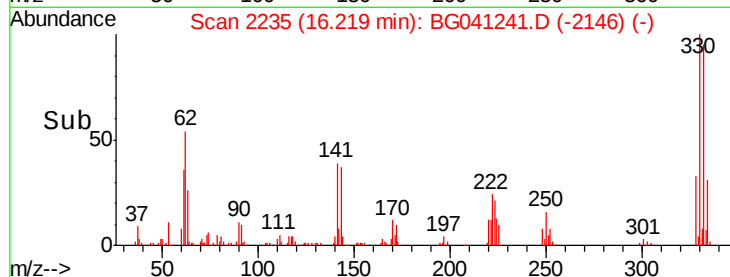
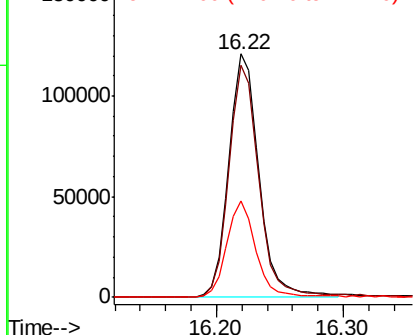


Abundance

Ion 329.80 (329.50 to 330.50): E

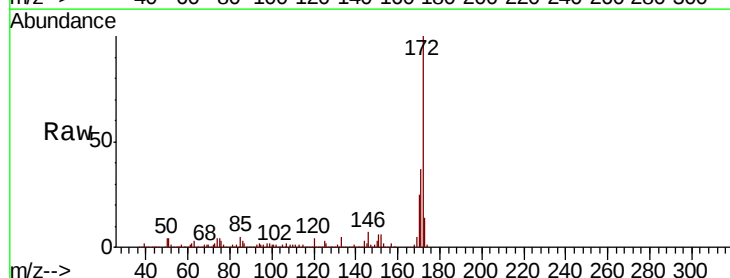
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.750 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041241.D
 Acq: 14 Jun 2019 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.1	46.7
170	25.0	20.5	30.7

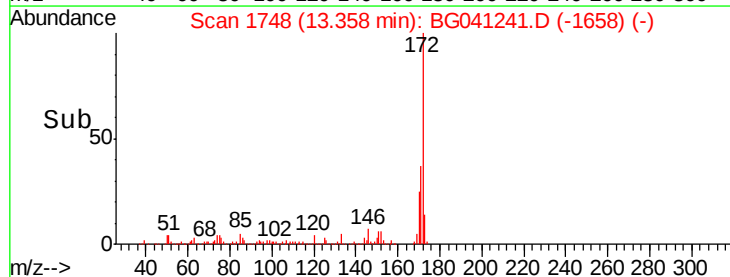
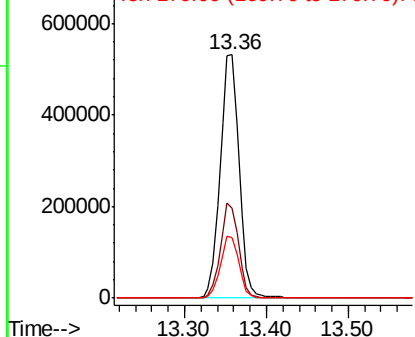


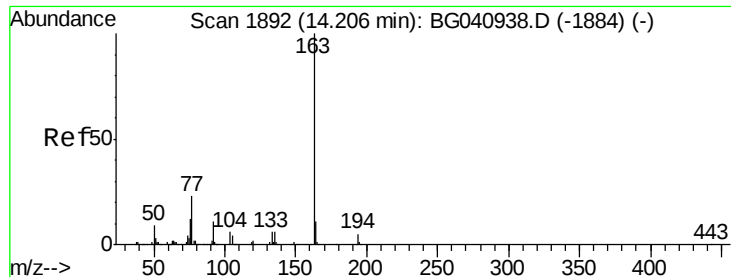
Abundance

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





#50

Dimethylphthalate

Concen: 9.641 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

B-730(1)

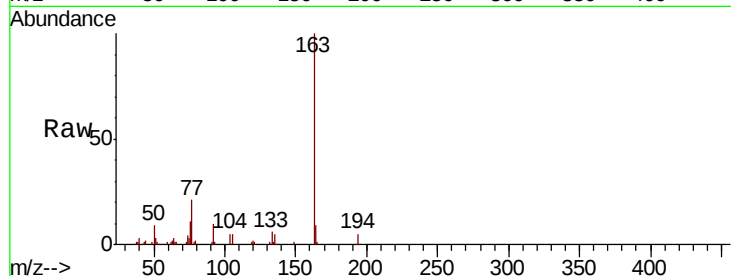
Tot Ion:163 Resp: 92030

Ion Ratio Lower Upper

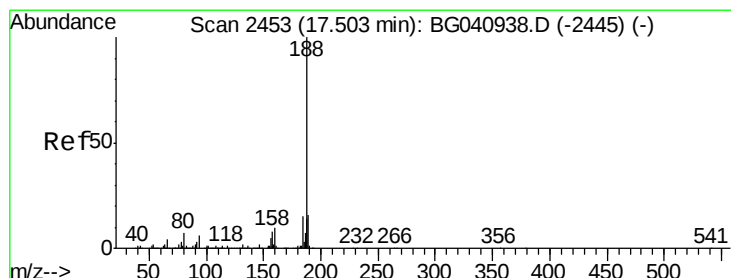
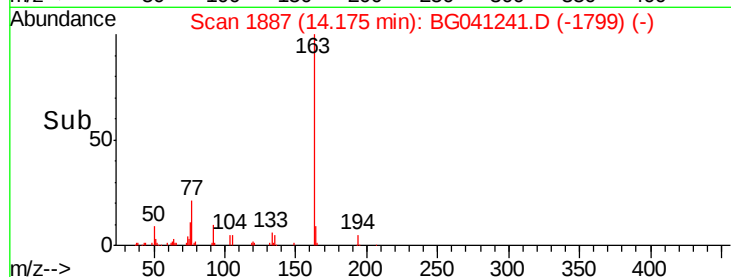
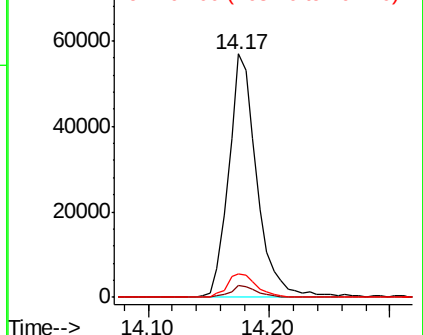
163 100

194 4.9 3.8 5.8

164 9.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

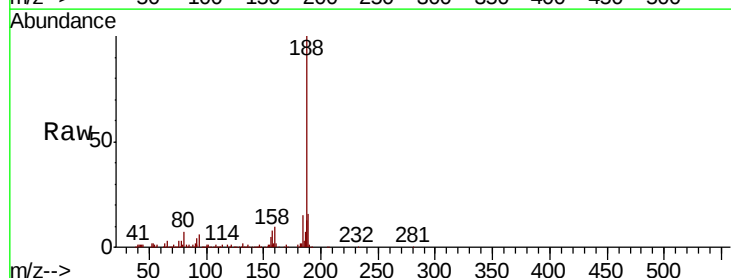
Tgt Ion:188 Resp: 259105

Ion Ratio Lower Upper

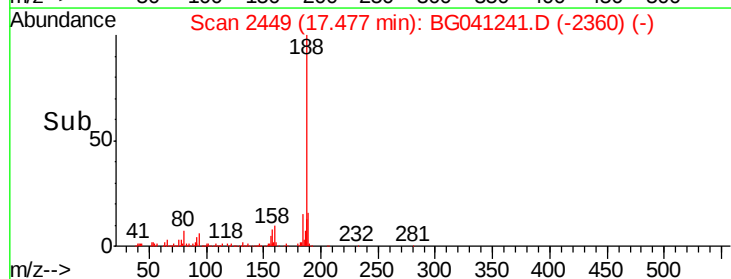
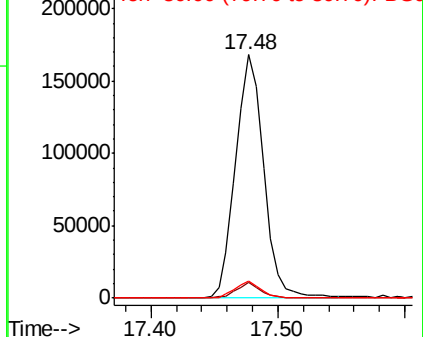
188 100

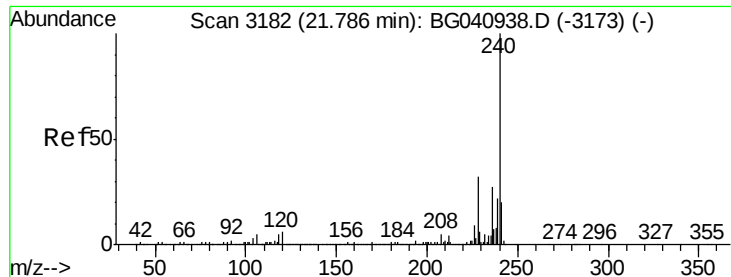
94 6.3 4.7 7.1

80 7.1 5.8 8.8



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

Instrument :

BNA_G

ClientSampleId :

B-730(1)

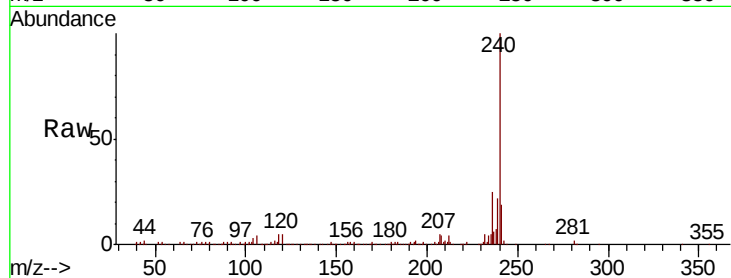
Tot Ion:240 Resp: 255227

Ion Ratio Lower Upper

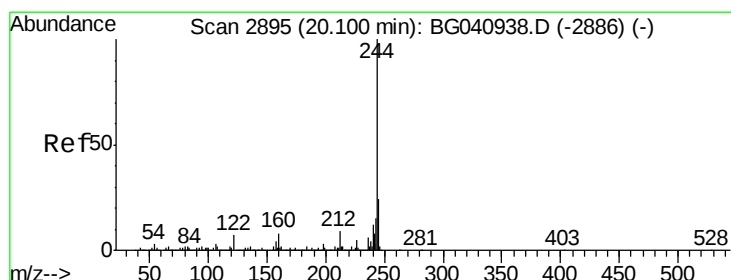
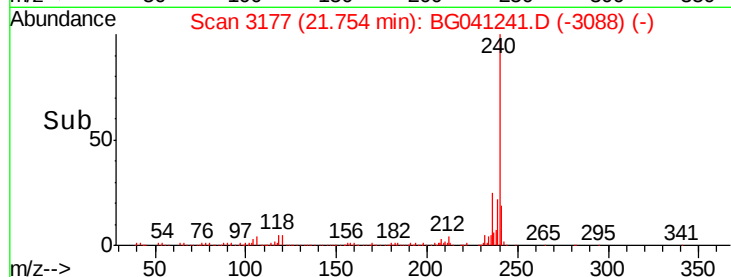
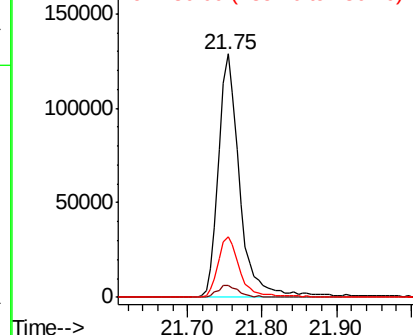
240 100

120 4.9 4.5 6.7

236 25.0 21.3 31.9



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: 111.520 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041241.D

Acq: 14 Jun 2019 4:24

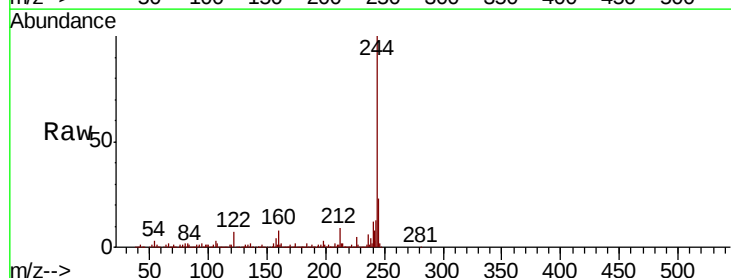
Tgt Ion:244 Resp: 1341107

Ion Ratio Lower Upper

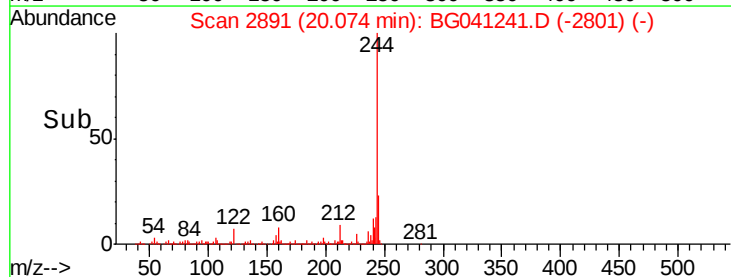
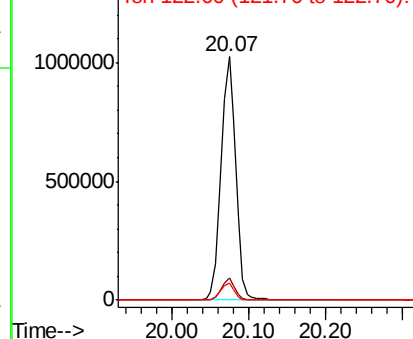
244 100

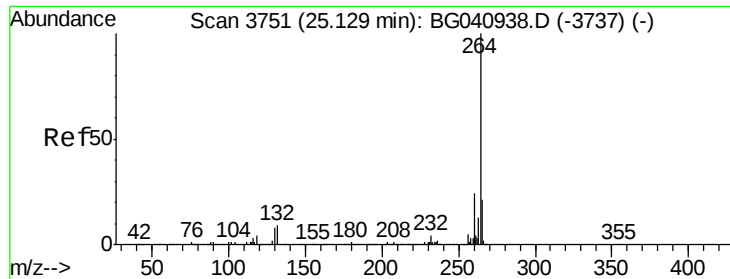
212 8.9 7.0 10.4

122 7.0 5.4 8.0



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: BG041241.D
 Acq: 14 Jun 2019 4:24

Instrument :
 BNA_G
 ClientSampleId :
 B-730(1)

Tot Ion:	264	Resp:	193908
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	20.8	17.0	25.4

