

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041243.D
 Acq On : 14 Jun 2019 5:40
 Operator : HP/JU
 Sample : K3333-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-2

Quant Time: Jun 14 06:39:20 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

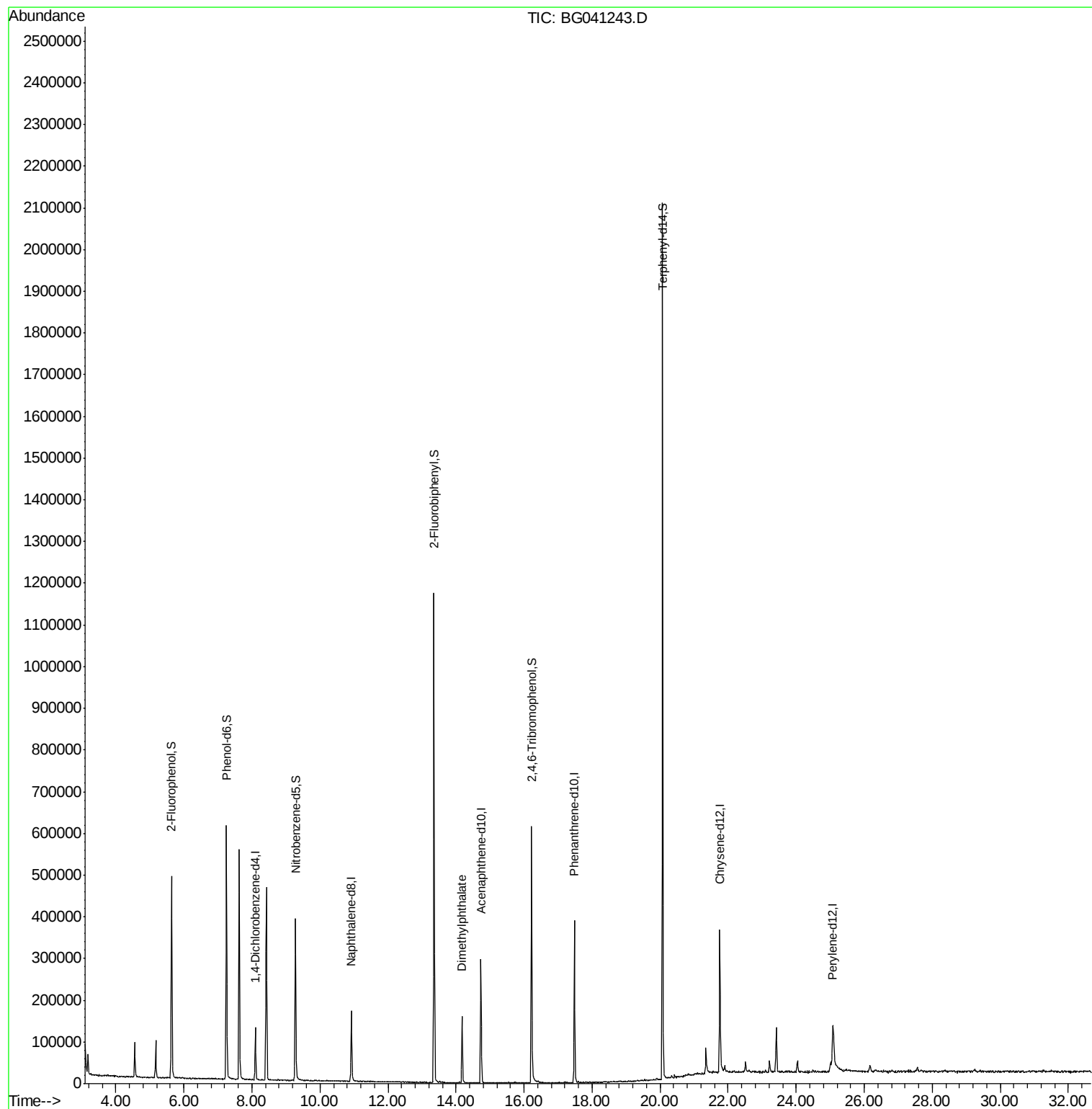
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	34951	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	144658	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	106060	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	253680	20.00	ng	0.00
76) Chrysene-d12	21.76	240	238798	20.00	ng	0.00
87) Perylene-d12	25.08	264	198751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	190980	98.53	ng	0.00
7) Phenol-d6	7.25	99	322696	107.80	ng	0.00
23) Nitrobenzene-d5	9.28	82	251902	77.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	131928	83.79	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	618604	84.00	ng	0.00
79) Terphenyl-d14	20.07	244	1034820	91.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	111608	12.431	ng	Qvalue 97

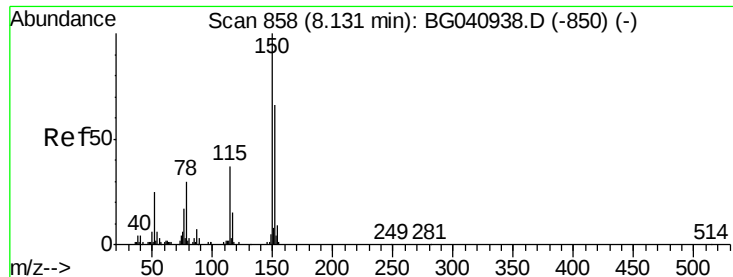
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

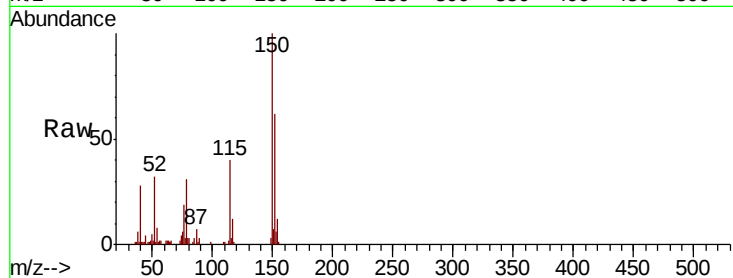
Tot Ion:152 Resp: 34951

Ion Ratio Lower Upper

152 100

150 160.1 120.6 180.8

115 64.2 45.1 67.7

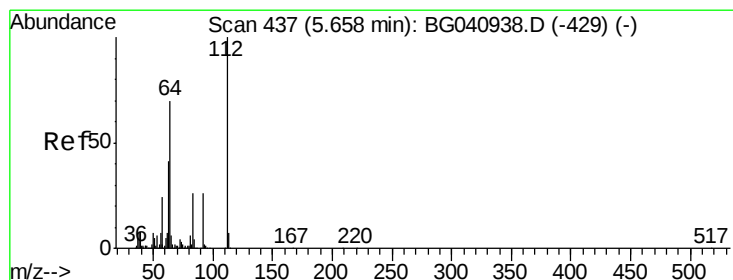
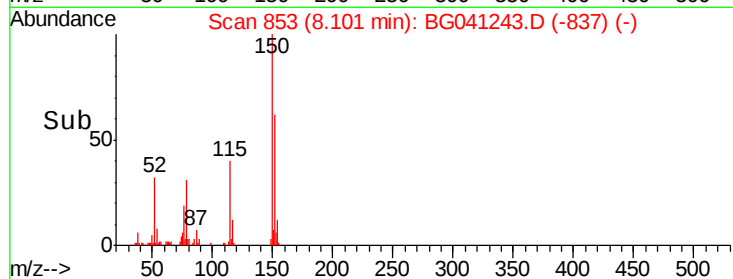
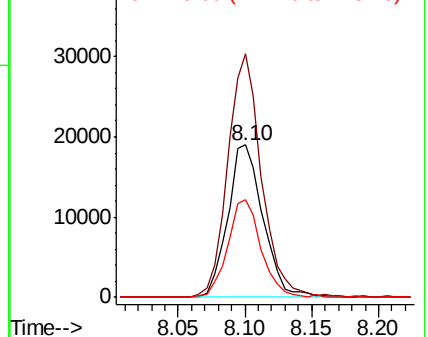


Abundance

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: 98.531 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

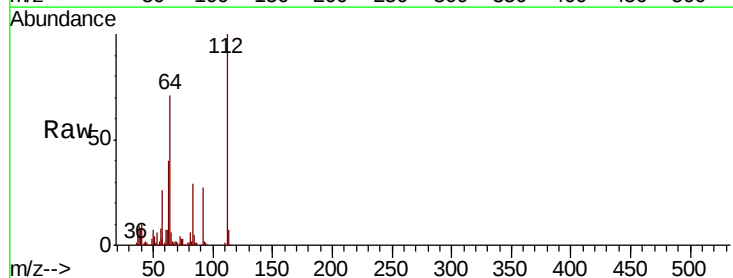
Tgt Ion:112 Resp: 190980

Ion Ratio Lower Upper

112 100

64 70.8 56.2 84.2

63 40.4 32.8 49.2

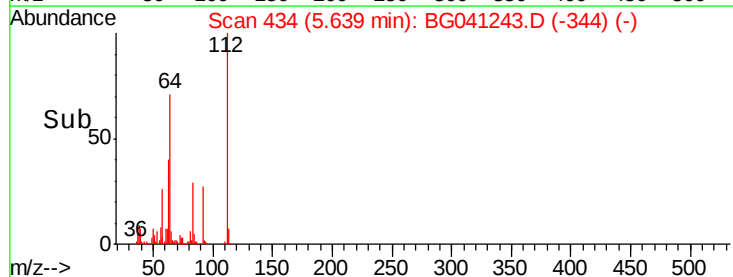
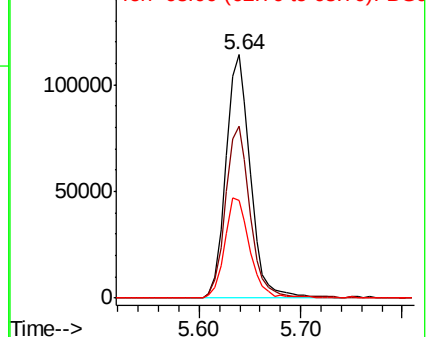


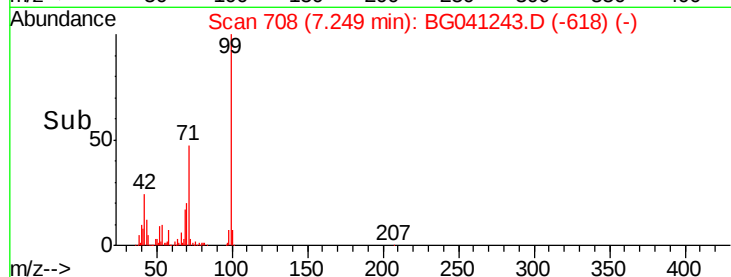
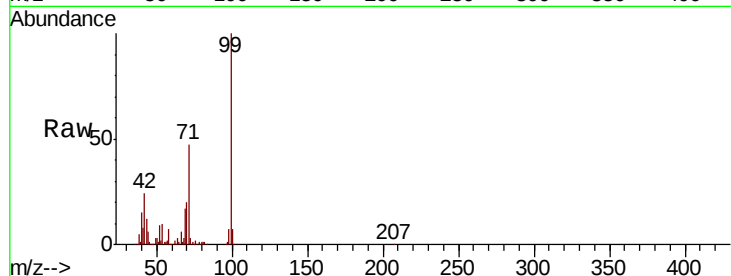
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.801 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

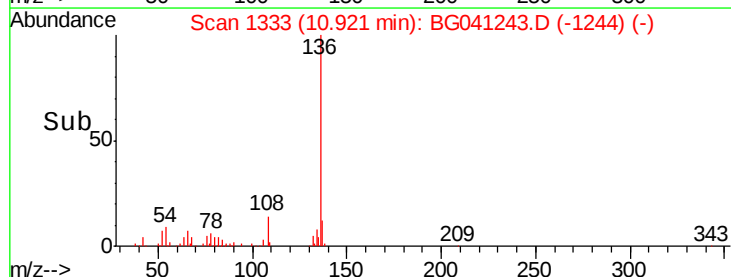
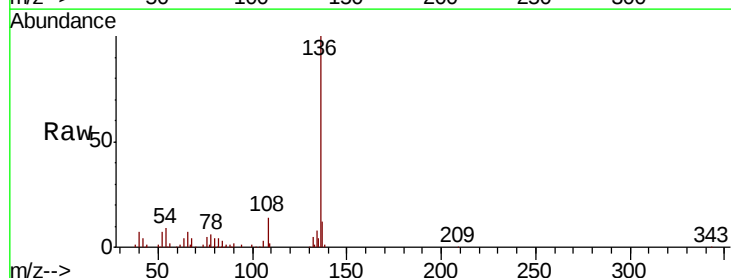
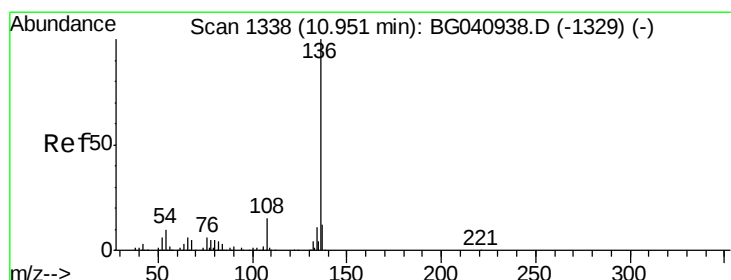
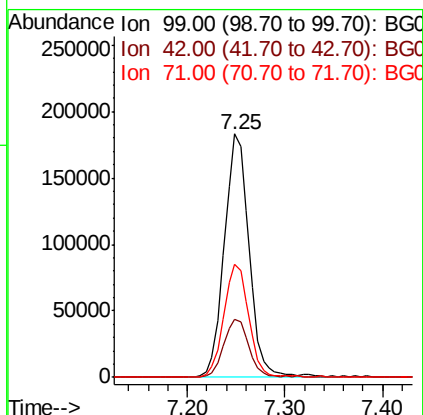
Tot Ion: 99 Resp: 322696

Ion Ratio Lower Upper

99 100

42 23.8 17.9 26.9

71 46.5 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

Tgt Ion: 136 Resp: 144658

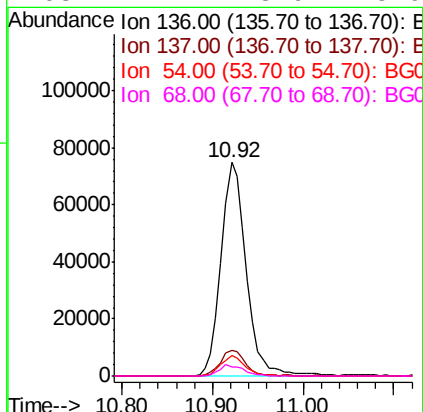
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 9.5 7.6 11.4

68 4.4 3.9 5.9

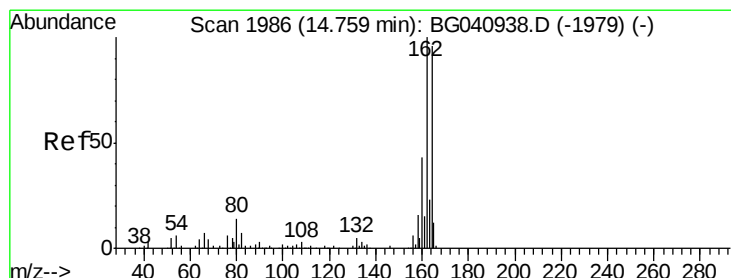
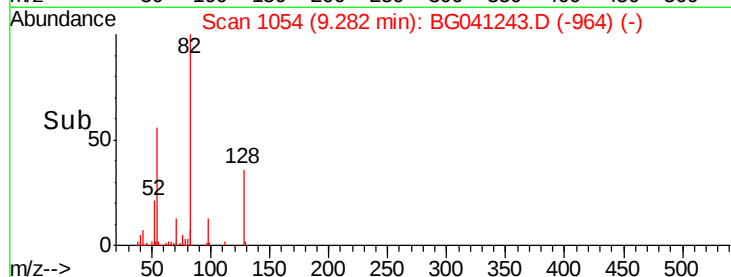
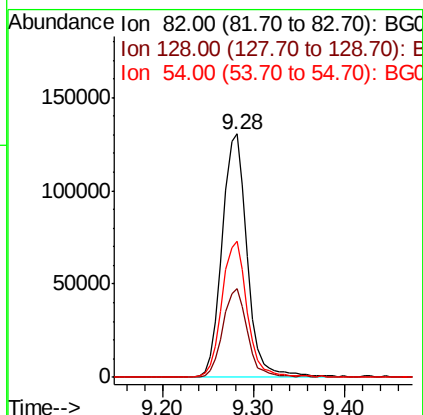
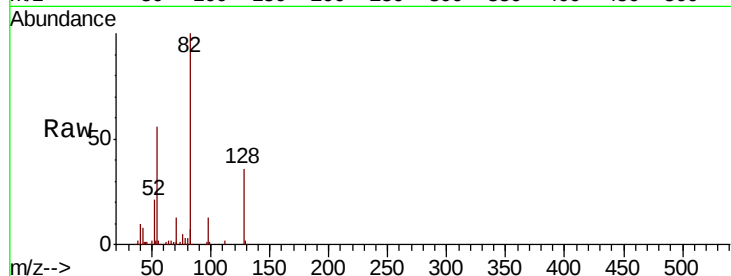




#23
Nitrobenzene-d5
Concen: 77.305 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041243.D
Acq: 14 Jun 2019 5:40

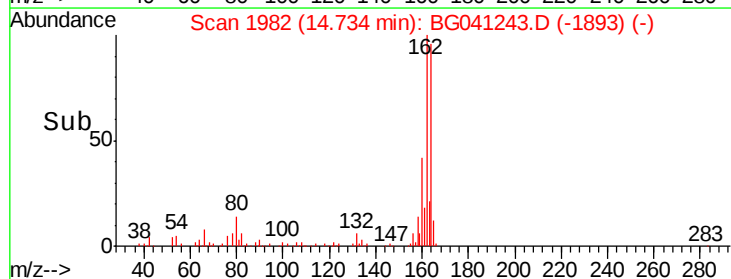
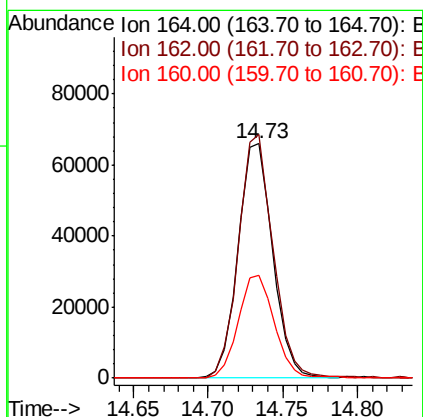
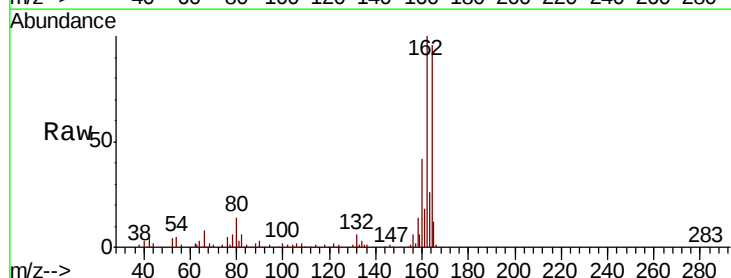
Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

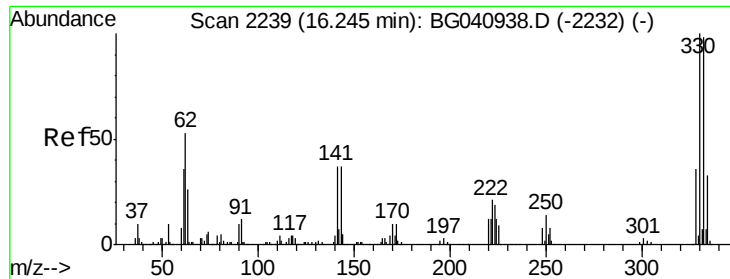
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.5	45.7
54	55.9	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041243.D
Acq: 14 Jun 2019 5:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	44.0	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 83.789 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

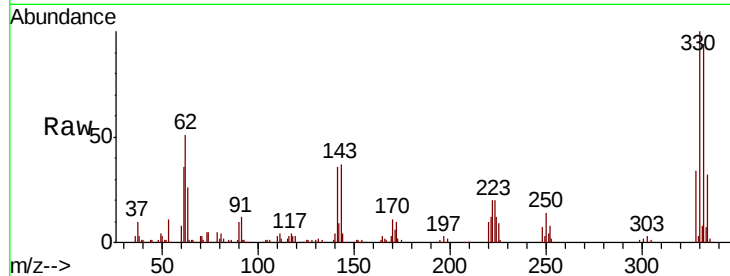
Tot Ion:330 Resp: 131928

Ion Ratio Lower Upper

330 100

332 91.6 78.5 117.7

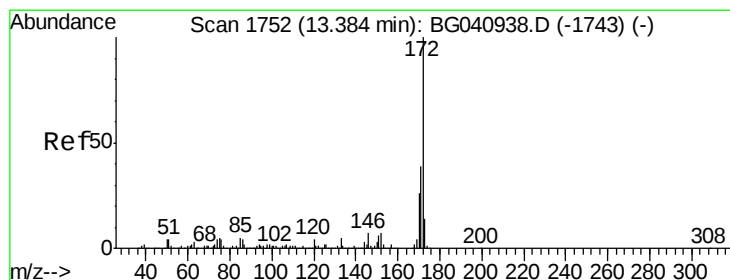
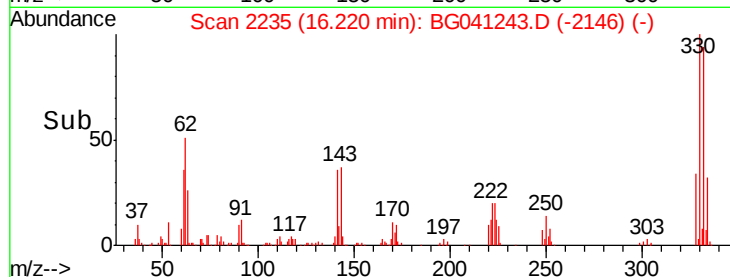
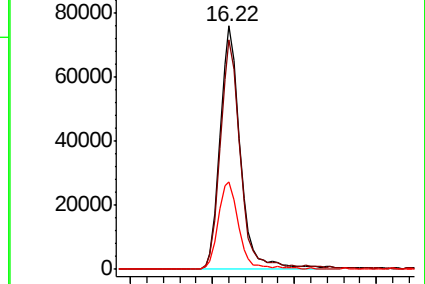
141 36.5 28.7 43.1



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: 83.995 ng

RT: 13.35 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

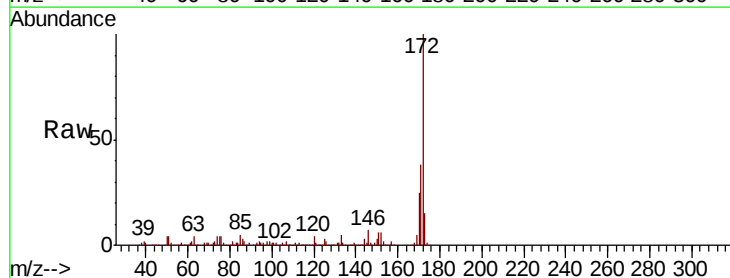
Tgt Ion:172 Resp: 618604

Ion Ratio Lower Upper

172 100

171 38.0 31.1 46.7

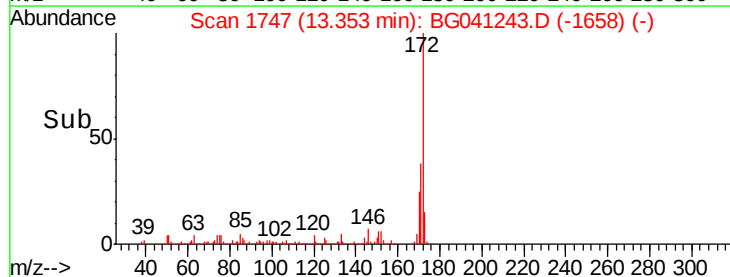
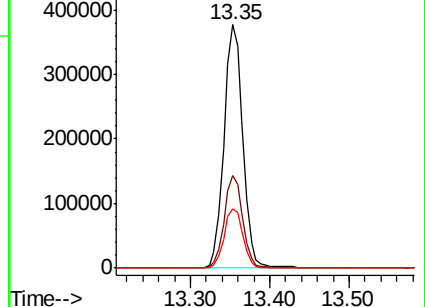
170 24.5 20.5 30.7

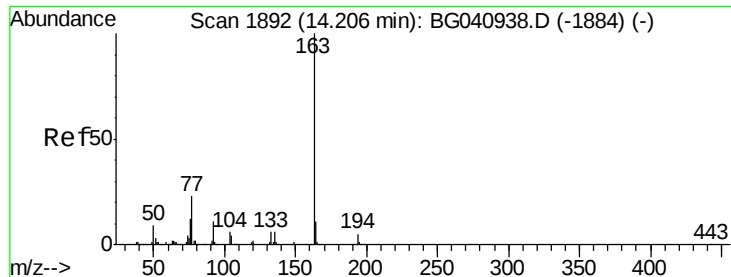


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.431 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

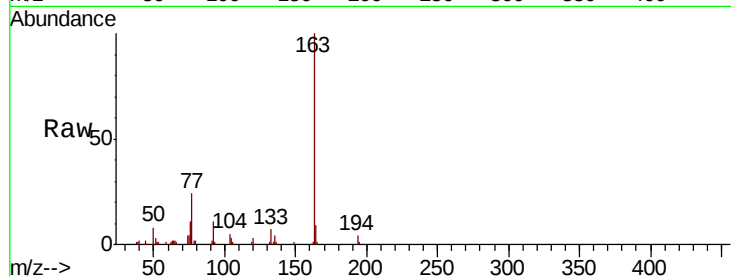
Tot Ion:163 Resp: 111608

Ion Ratio Lower Upper

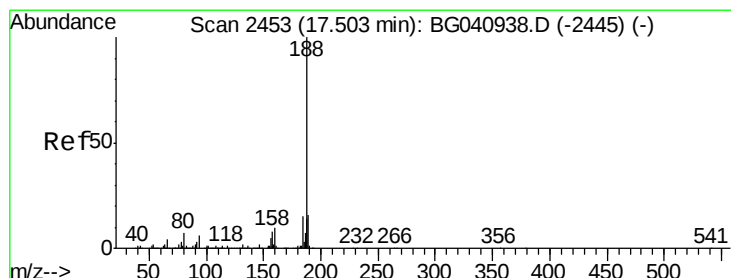
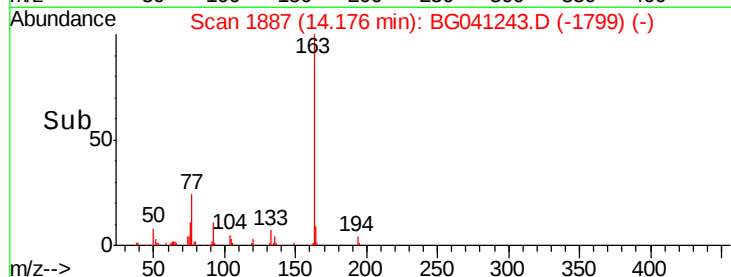
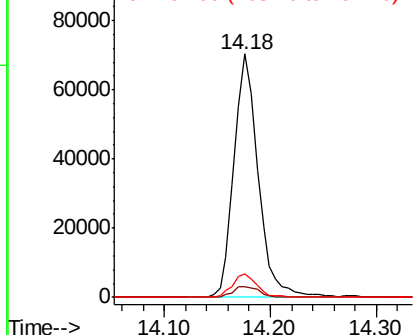
163 100

194 4.4 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. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

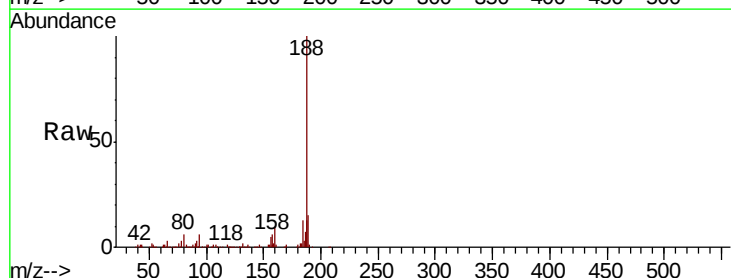
Tgt Ion:188 Resp: 253680

Ion Ratio Lower Upper

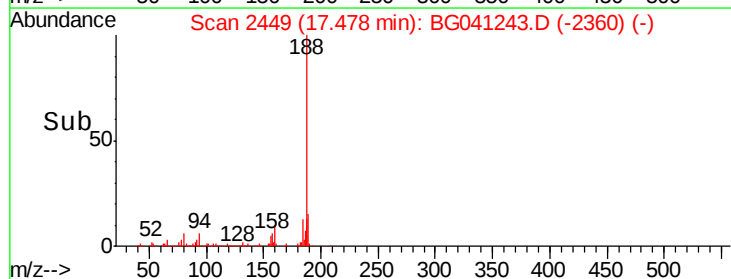
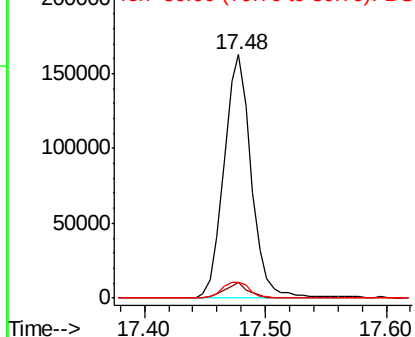
188 100

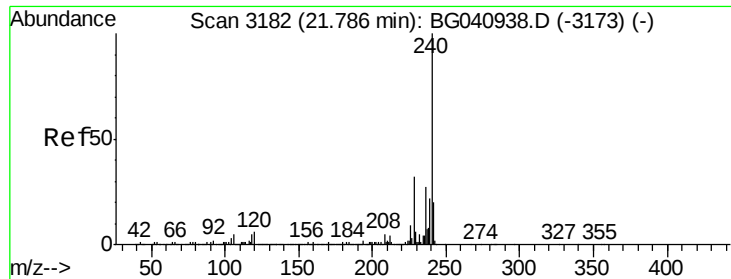
94 6.4 4.7 7.1

80 6.4 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: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

Instrument :

BNA_G

ClientSampleId :

CONCRETE-2

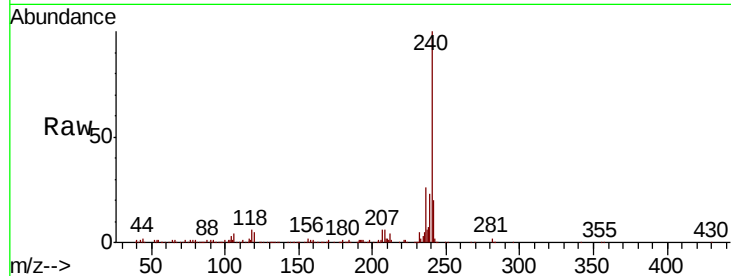
Tot Ion:240 Resp: 238798

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

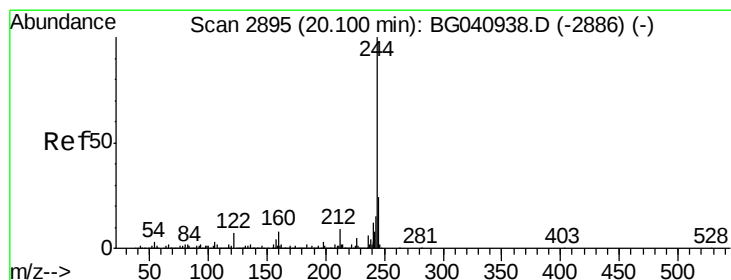
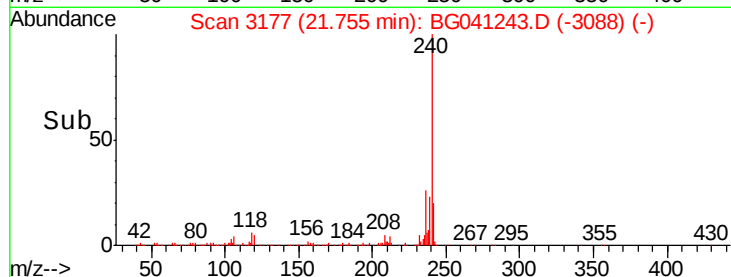
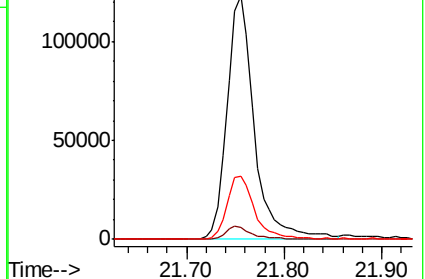
236 25.8 21.3 31.9



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: 91.971 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG041243.D

Acq: 14 Jun 2019 5:40

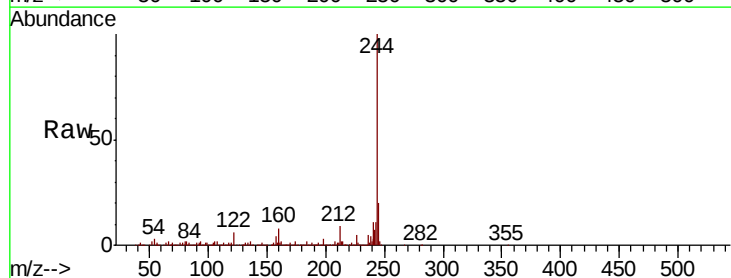
Tgt Ion:244 Resp: 1034820

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

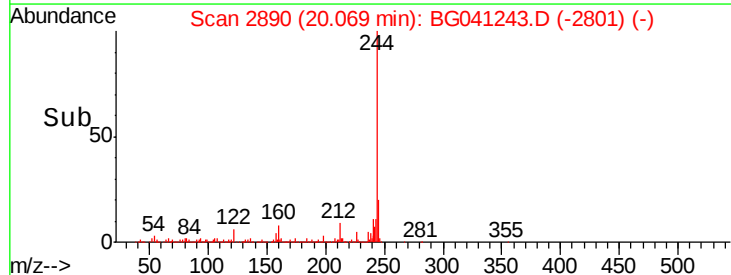
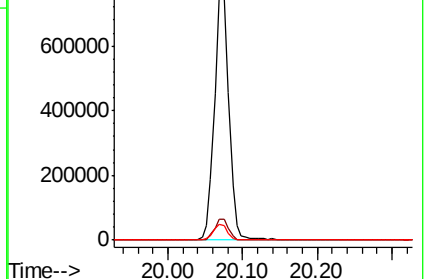
122 6.4 5.4 8.0

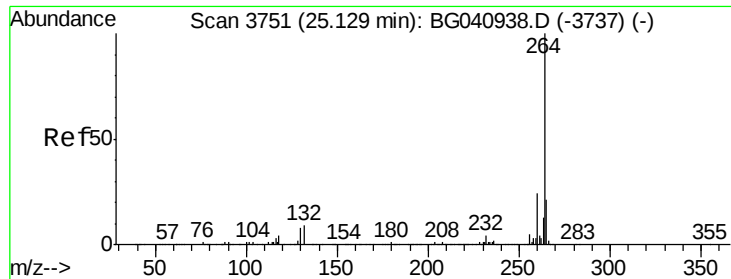


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041243.D
Acq: 14 Jun 2019 5:40

Instrument :
BNA_G
ClientSampleId :
CONCRETE-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	19.0	17.0	25.4

