

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041244.D
 Acq On : 14 Jun 2019 6:17
 Operator : HP/JU
 Sample : K3333-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

Quant Time: Jun 14 07:38:31 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

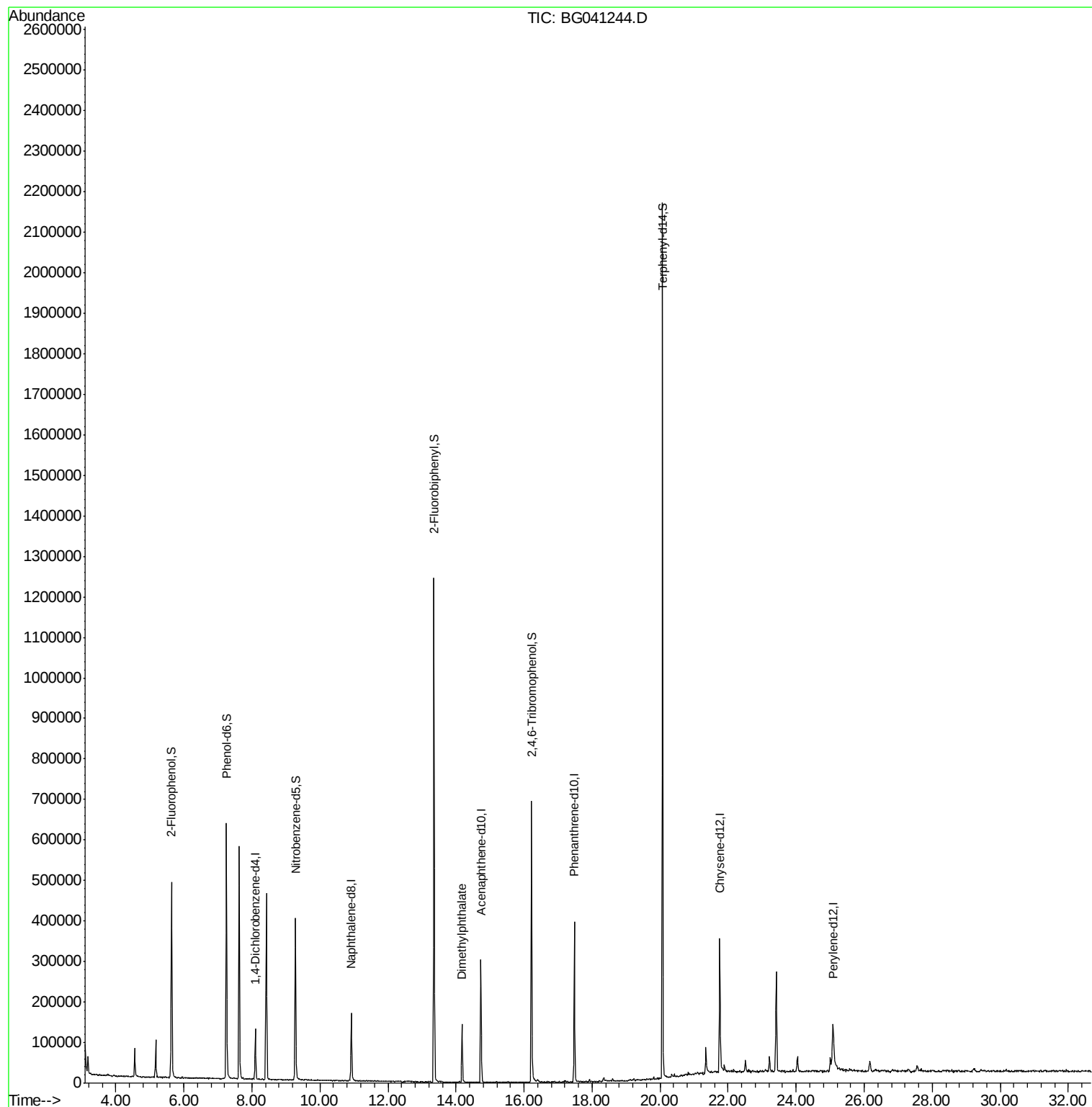
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	34869	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	148881	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	107800	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	257668	20.00	ng	0.00
76) Chrysene-d12	21.76	240	238453	20.00	ng	0.00
87) Perylene-d12	25.08	264	193349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	200987	103.94	ng	0.00
7) Phenol-d6	7.25	99	332546	111.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	254384	75.85	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	134692	84.16	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	630511	84.23	ng	0.00
79) Terphenyl-d14	20.07	244	1024016	91.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	102988	11.286	ng	Qvalue 97

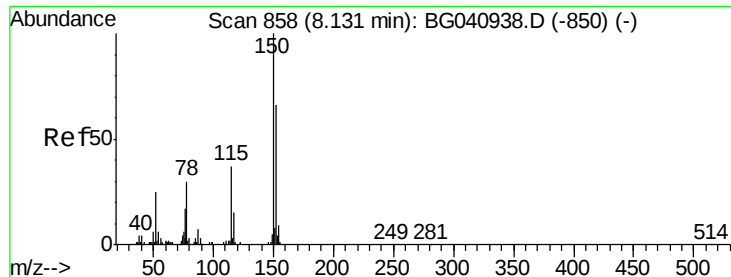
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041244.D

Acq: 14 Jun 2019 6:17

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

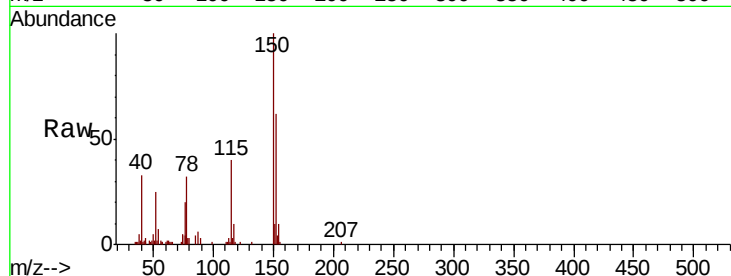
Tot Ion:152 Resp: 34869

Ion Ratio Lower Upper

152 100

150 162.5 120.6 180.8

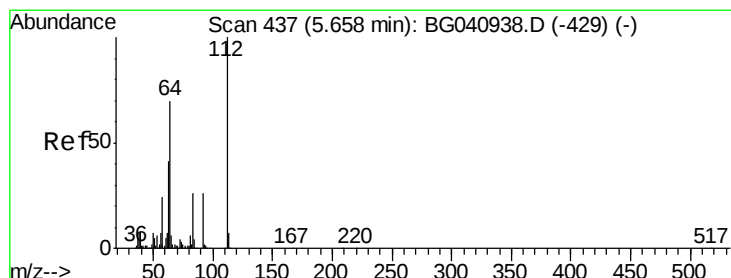
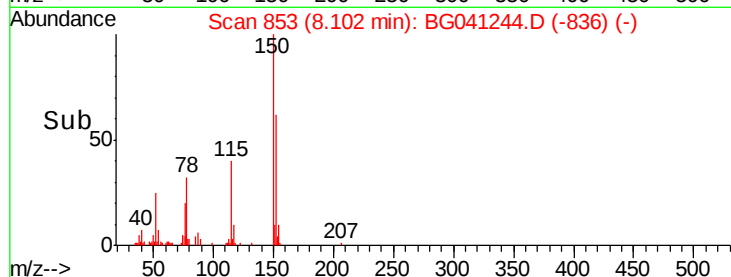
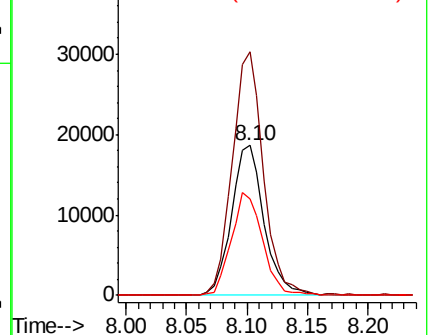
115 64.2 45.1 67.7



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: 103.938 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041244.D

Acq: 14 Jun 2019 6:17

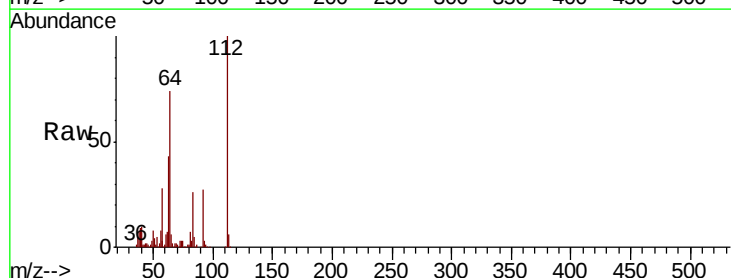
Tgt Ion:112 Resp: 200987

Ion Ratio Lower Upper

112 100

64 73.5 56.2 84.2

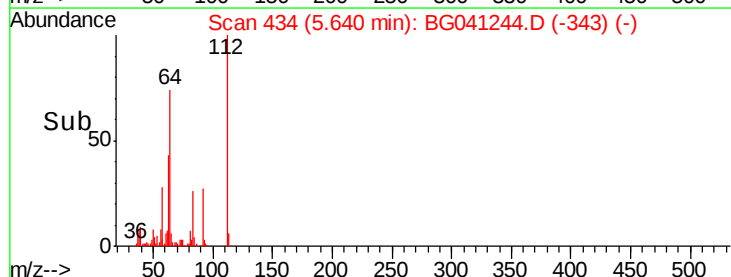
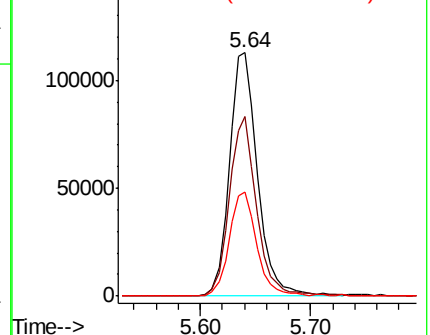
63 42.8 32.8 49.2

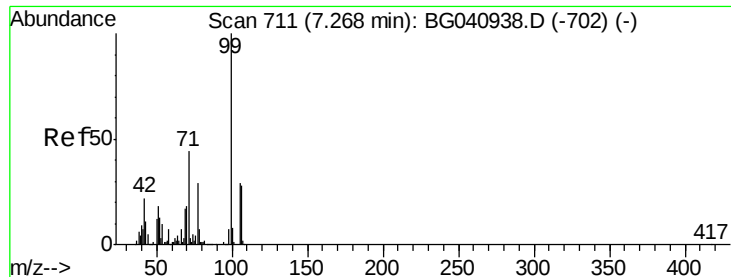


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.353 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041244.D

Acq: 14 Jun 2019 6:17

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

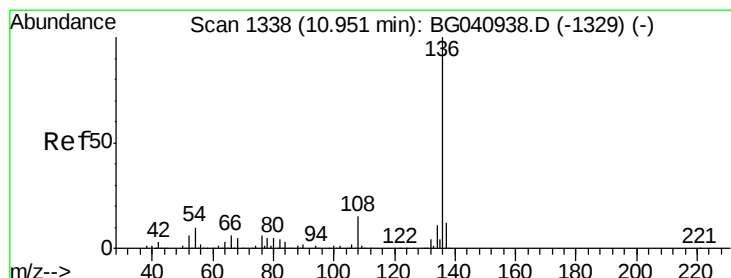
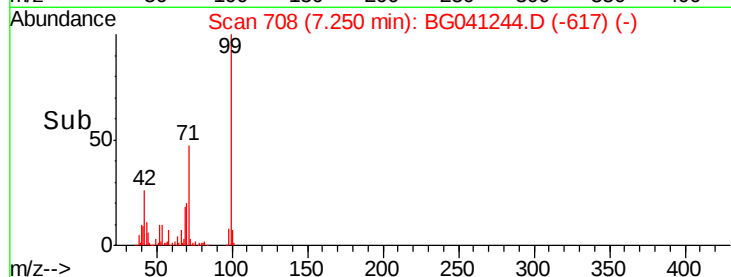
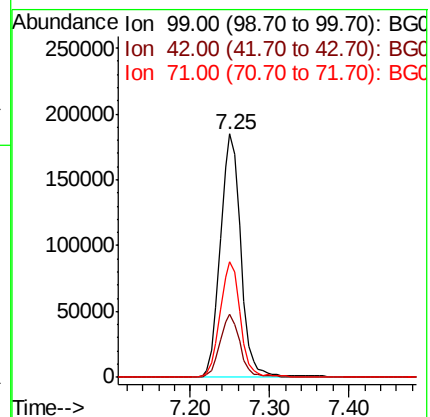
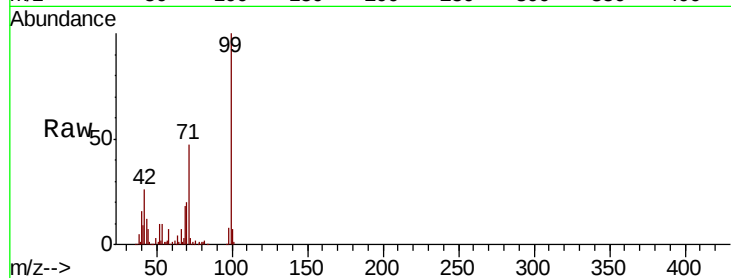
Tot Ion: 99 Resp: 332546

Ion Ratio Lower Upper

99 100

42 26.1 17.9 26.9

71 47.4 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: BG041244.D

Acq: 14 Jun 2019 6:17

Tgt Ion: 136 Resp: 148881

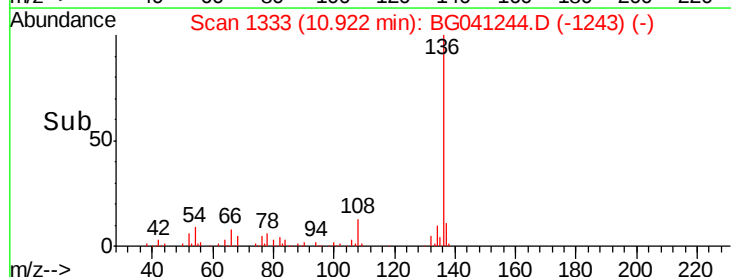
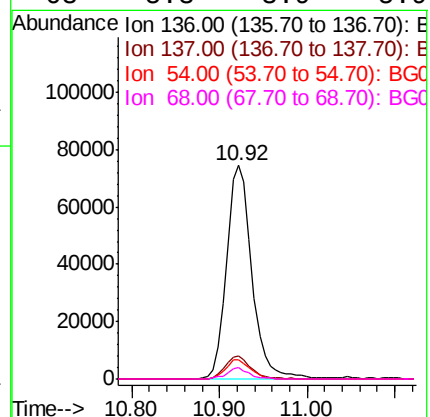
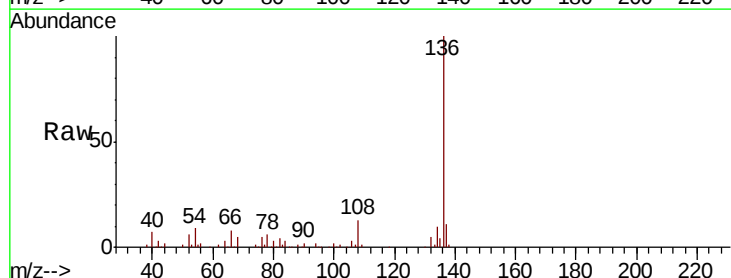
Ion Ratio Lower Upper

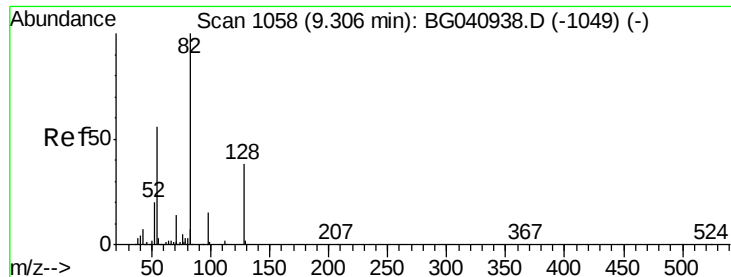
136 100

137 11.0 9.5 14.3

54 8.7 7.6 11.4

68 5.3 3.9 5.9

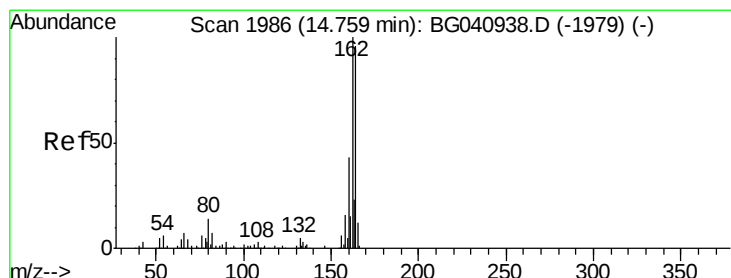
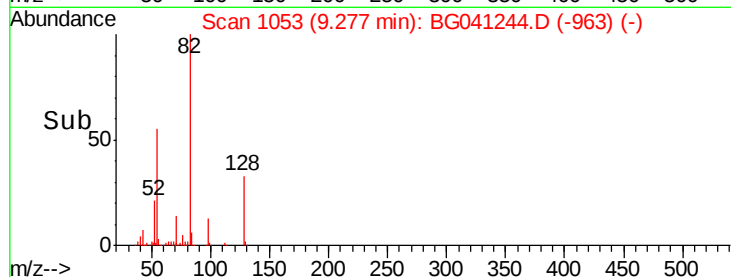
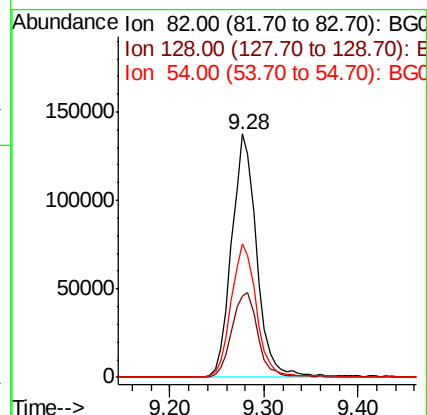
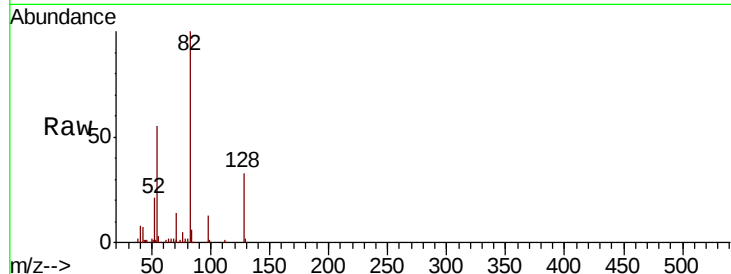




#23
Nitrobenzene-d5
Concen: 75.853 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG041244.D
Acq: 14 Jun 2019 6:17

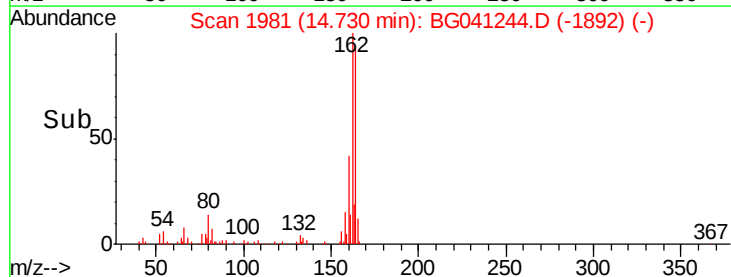
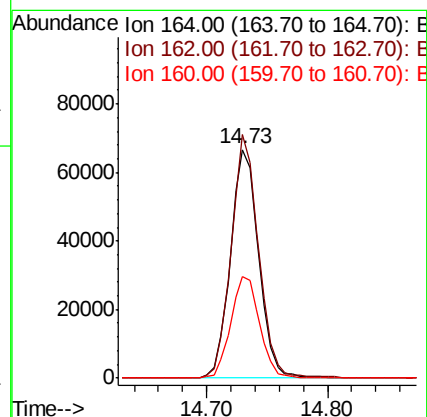
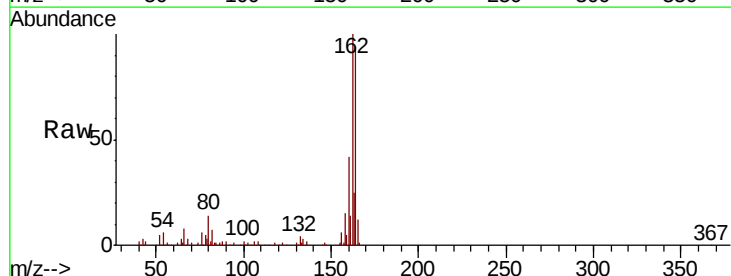
Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

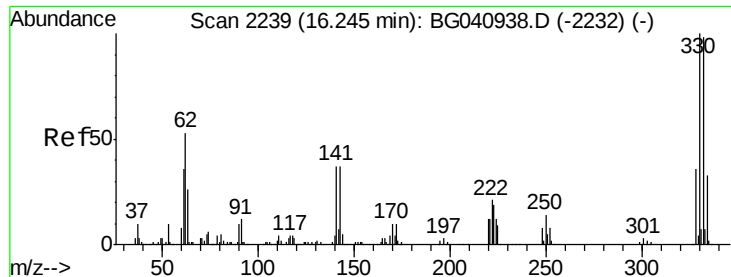
Tot Ion	82	Resp	254384
Ion Ratio	Lower	Upper	
82	100		
128	33.3	30.5	45.7
54	54.7	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041244.D
Acq: 14 Jun 2019 6:17

Tgt Ion	164	Resp	107800
Ion Ratio	Lower	Upper	
164	100		
162	106.6	83.0	124.4
160	44.6	35.6	53.4

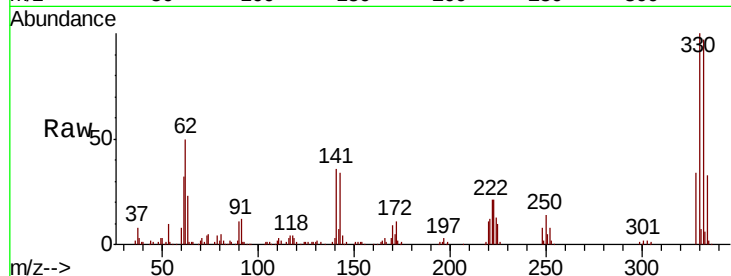




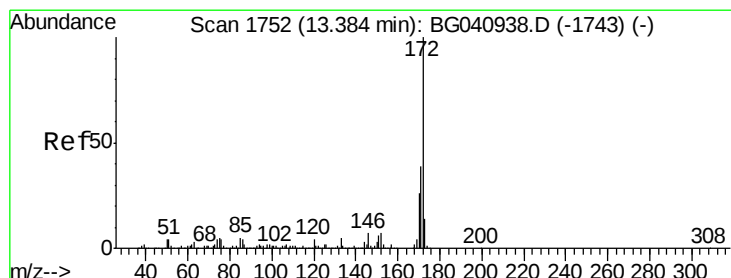
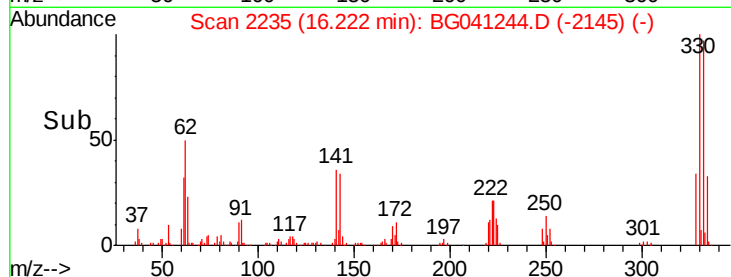
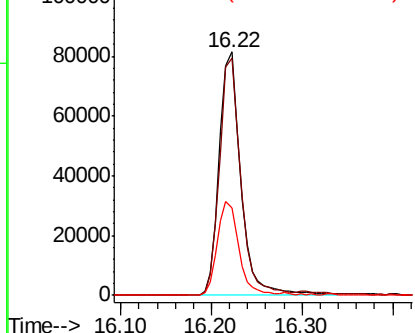
#42
 2,4,6-Tribromophenol
 Concen: 84.163 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041244.D
 Acq: 14 Jun 2019 6:17

Instrument :
 BNA_G
 ClientSampled :
 CONCRETE-1

Tot Ion:330 Resp: 134692
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.5 117.7
 141 38.6 28.7 43.1

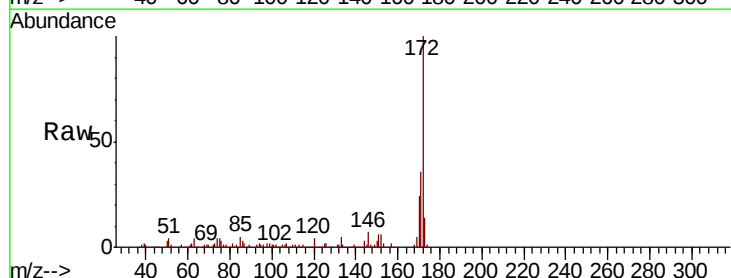


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

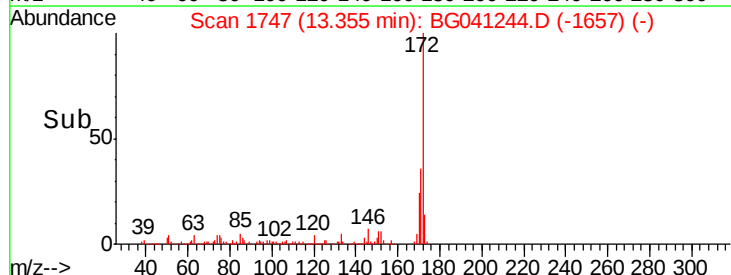
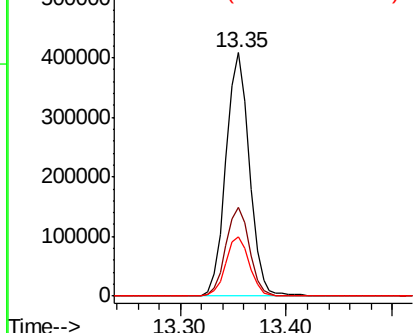


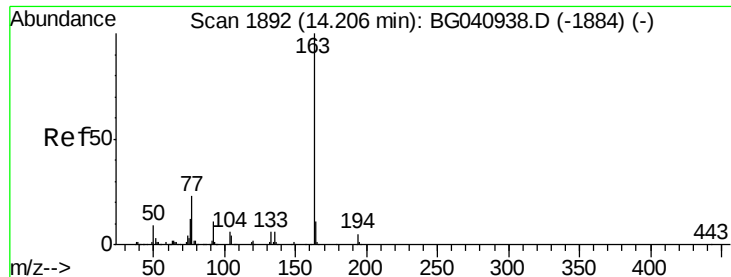
#45
 2-Fluorobiphenyl
 Concen: 84.230 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG041244.D
 Acq: 14 Jun 2019 6:17

Tgt Ion:172 Resp: 630511
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.1 46.7
 170 24.2 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: 11.286 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041244.D

Acq: 14 Jun 2019 6:17

Instrument :

BNA_G

ClientSampleId :

CONCRETE-1

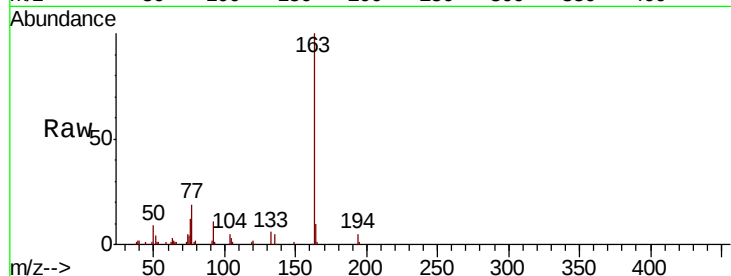
Tot Ion:163 Resp: 102988

Ion Ratio Lower Upper

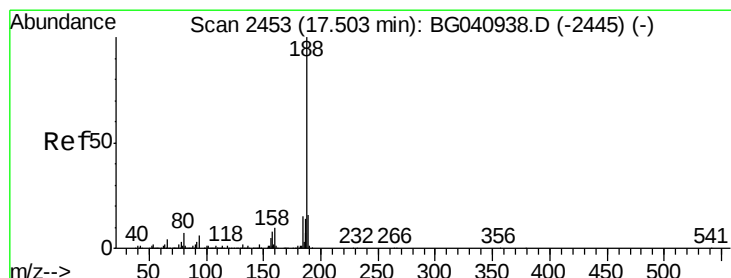
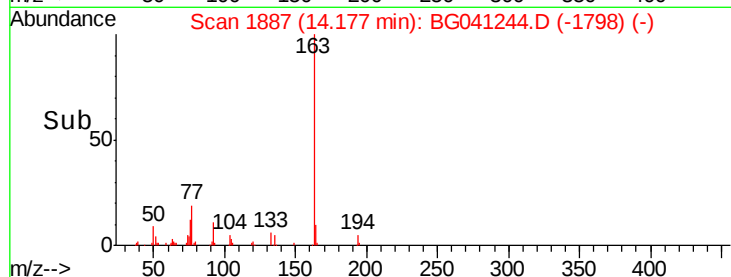
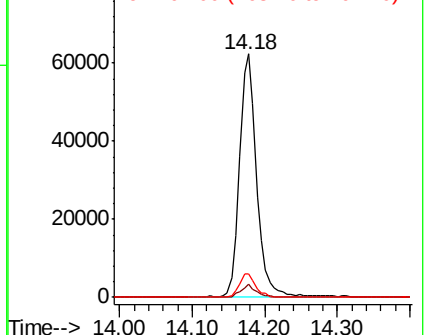
163 100

194 5.3 3.8 5.8

164 9.6 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: BG041244.D

Acq: 14 Jun 2019 6:17

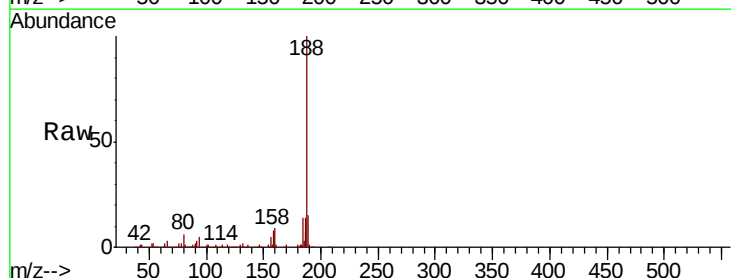
Tgt Ion:188 Resp: 257668

Ion Ratio Lower Upper

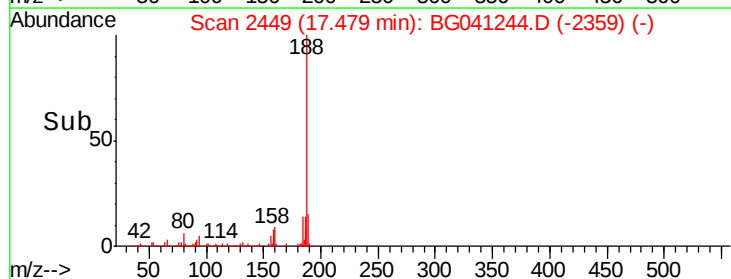
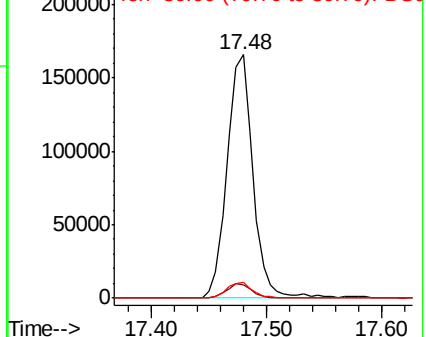
188 100

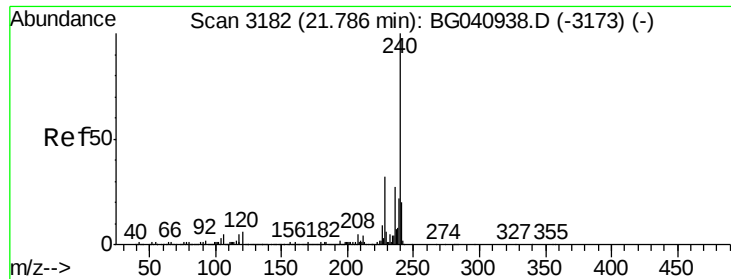
94 5.4 4.7 7.1

80 6.5 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

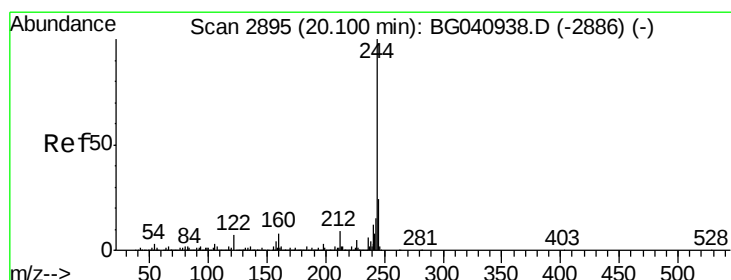
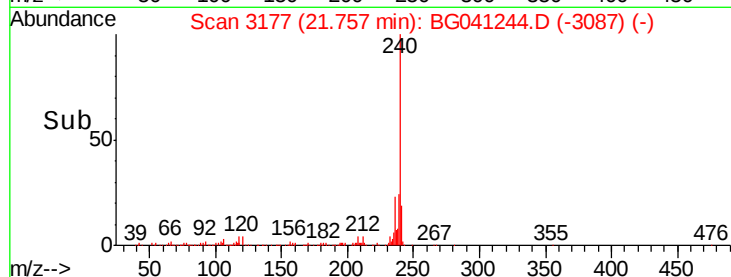
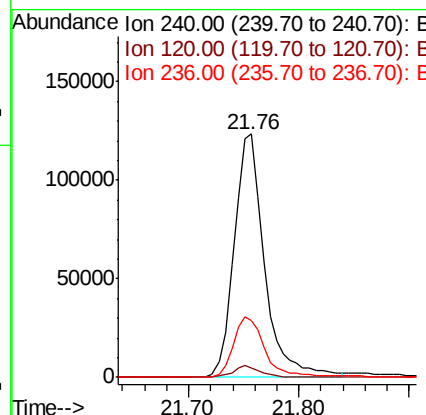
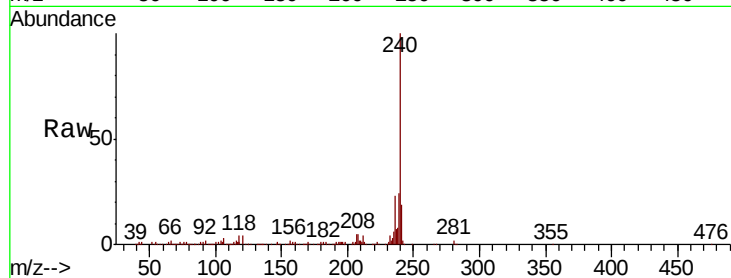




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: BG041244.D
 Acq: 14 Jun 2019 6:17

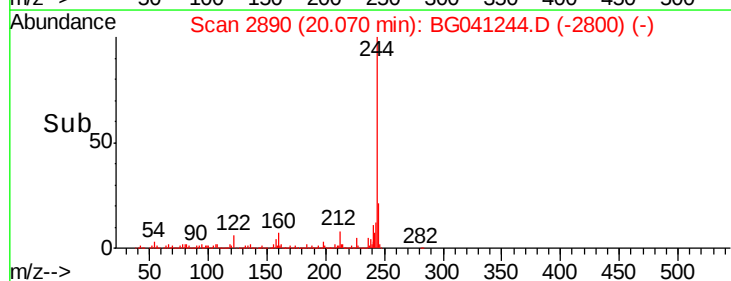
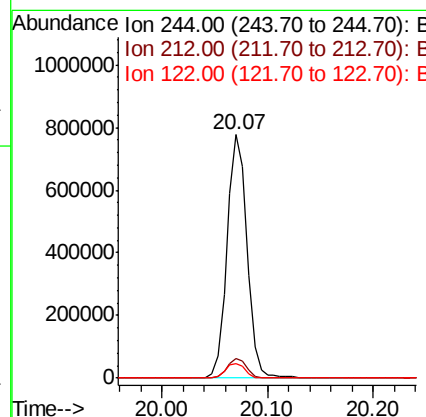
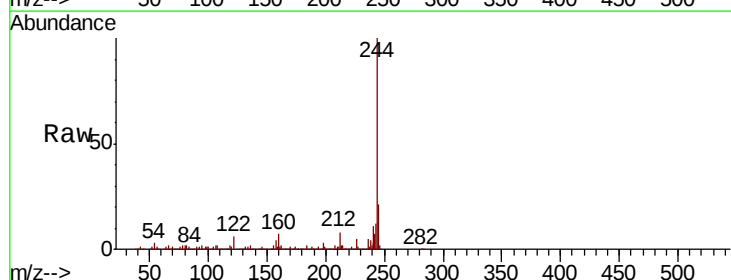
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-1

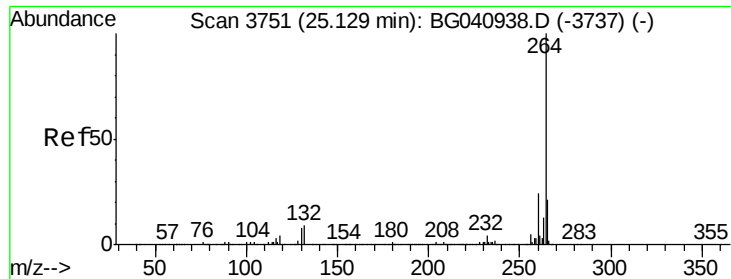
Tot Ion:240 Resp: 238453
 Ion Ratio Lower Upper
 240 100
 120 4.1 4.5 6.7#
 236 23.1 21.3 31.9



#79
 Terphenyl-d14
 Concen: 91.142 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BG041244.D
 Acq: 14 Jun 2019 6:17

Tgt Ion:244 Resp: 1024016
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 6.2 5.4 8.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041244.D
Acq: 14 Jun 2019 6:17

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	22.1	17.0	25.4

