

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041263.D
 Acq On : 14 Jun 2019 21:19
 Operator : HP/JU
 Sample : K3333-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-6

Quant Time: Jun 15 04:45:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 15:26:06 2019
 Response via : Initial Calibration

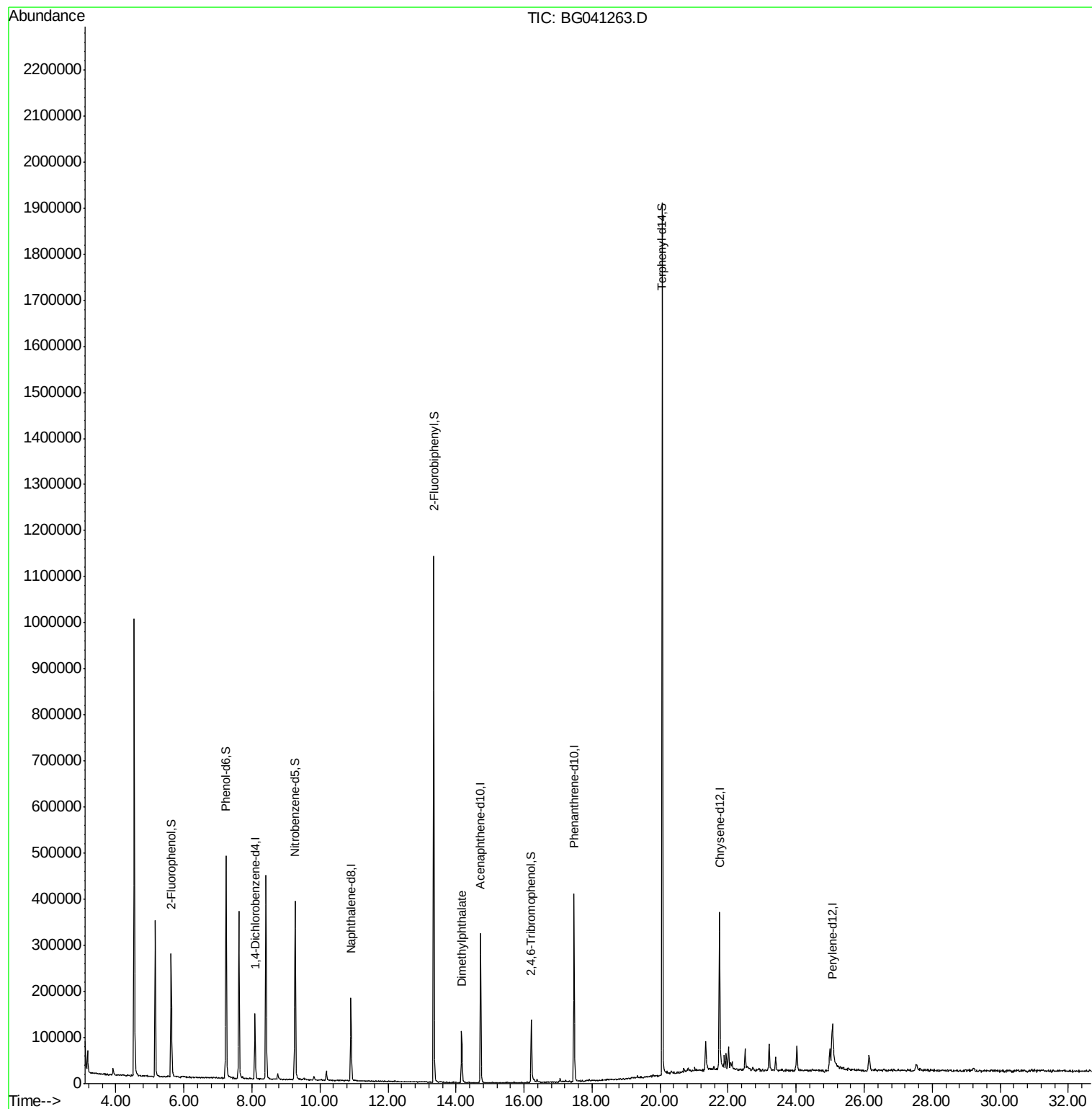
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38023	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	159223	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	115094	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	268848	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	242127	20.00	ng	-0.02
87) Perylene-d12	25.06	264	186024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	108006	52.34	ng	0.00
7) Phenol-d6	7.24	99	256885	81.43	ng	0.00
23) Nitrobenzene-d5	9.27	82	242657	66.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	33170	20.83	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	586325	67.43	ng	-0.02
79) Terphenyl-d14	20.06	244	906045	73.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.17	163	82376	8.492	ng	Qvalue # 95

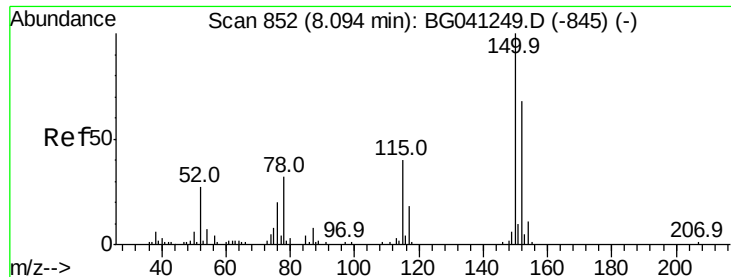
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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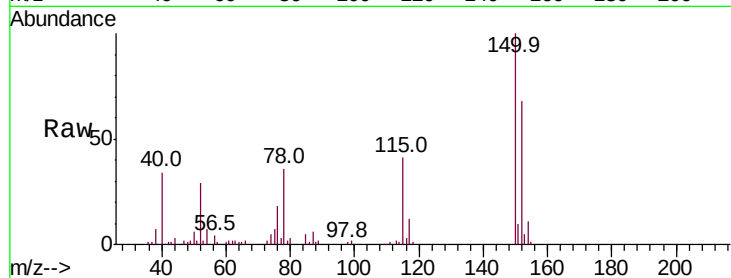


#1

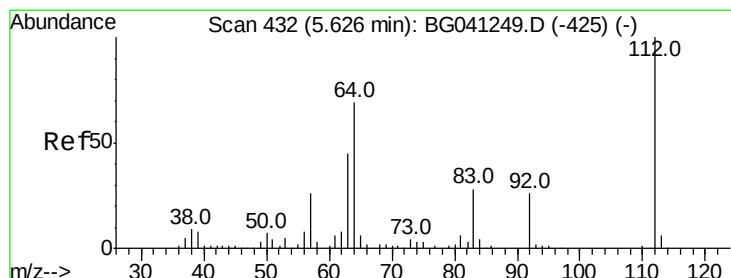
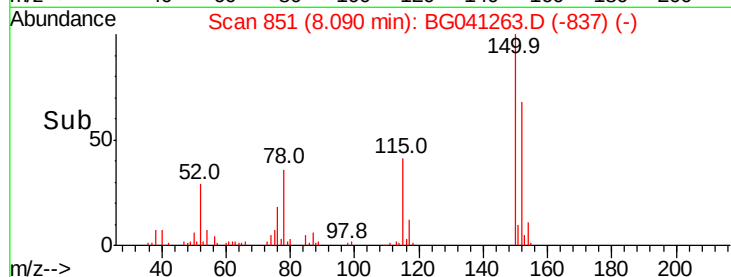
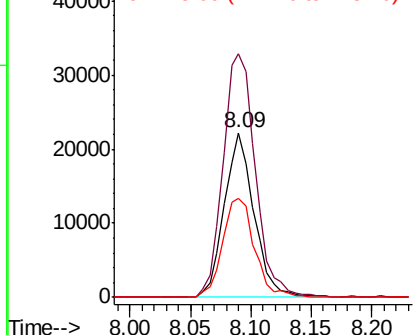
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG041263.D
Acq: 14 Jun 2019 21:19

Instrument :
BNA_G
ClientSampleId :
CONCRETE-6

Tot Ion:152 Resp: 38023
Ion Ratio Lower Upper
152 100
150 147.7 120.6 180.8
115 60.1 45.1 67.7



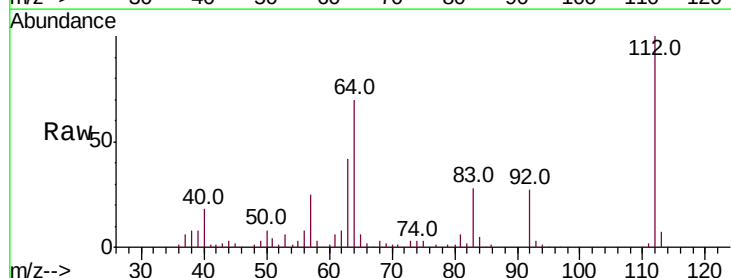
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



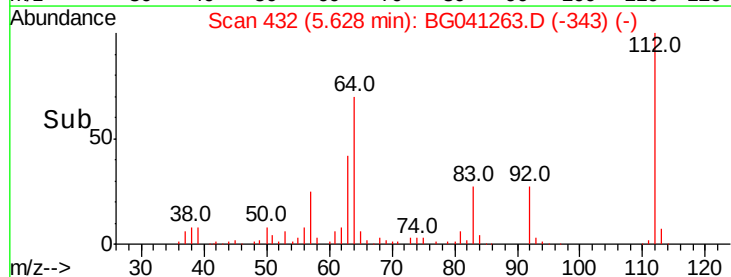
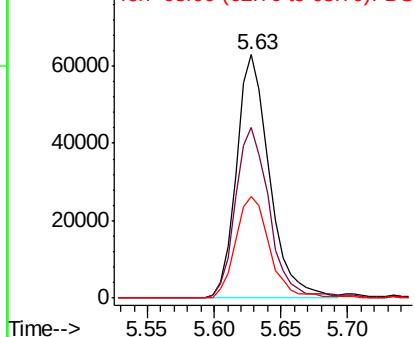
#5

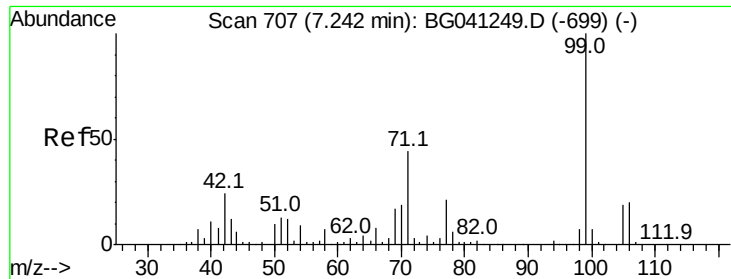
2-Fluorophenol
Concen: 52.341 ng
RT: 5.63 min Scan# 432
Delta R.T. -0.01 min
Lab File: BG041263.D
Acq: 14 Jun 2019 21:19

Tgt Ion:112 Resp: 108006
Ion Ratio Lower Upper
112 100
64 69.8 56.2 84.2
63 41.5 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: 81.432 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-6

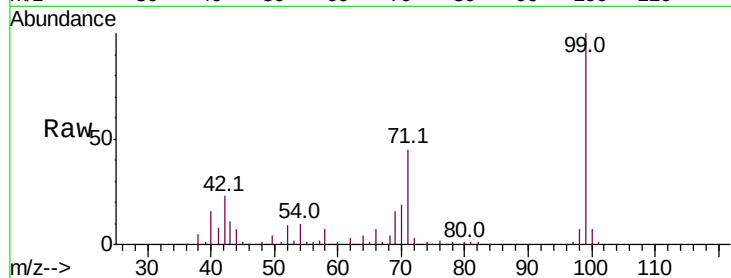
Tot Ion: 99 Resp: 256885

Ion Ratio Lower Upper

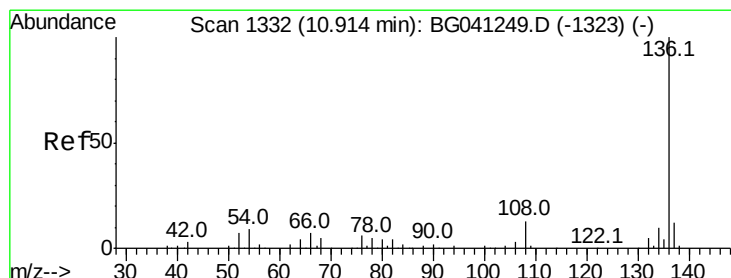
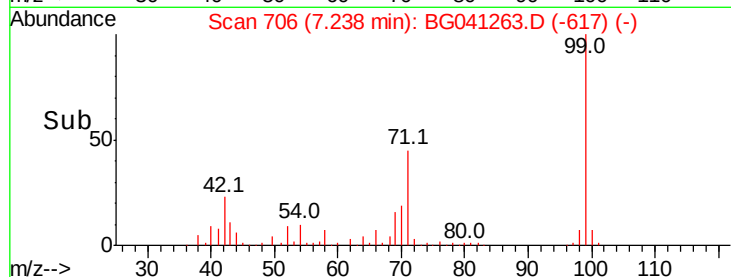
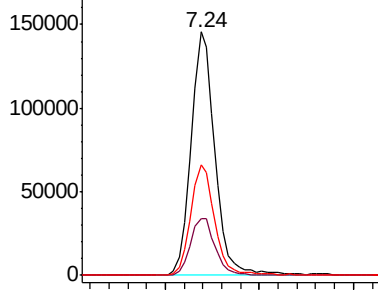
99 100

42 23.3 17.9 26.9

71 45.4 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# 1332

Delta R.T. -0.01 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

Tgt Ion: 136 Resp: 159223

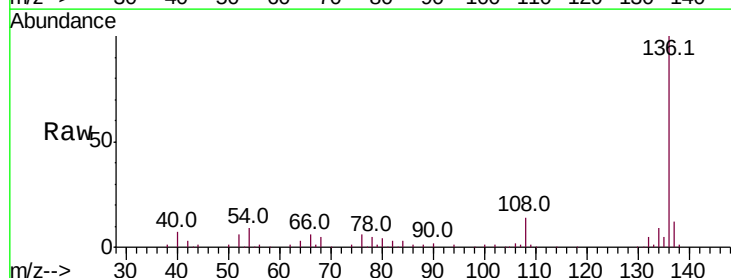
Ion Ratio Lower Upper

136 100

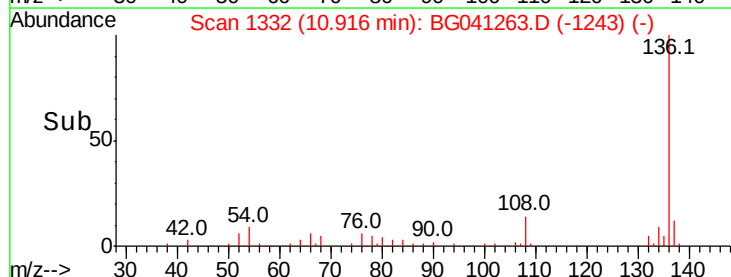
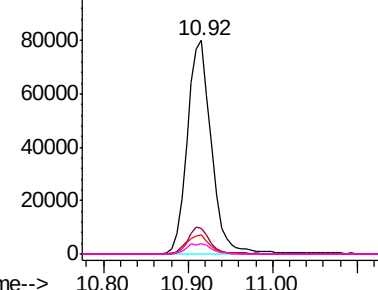
137 11.9 9.5 14.3

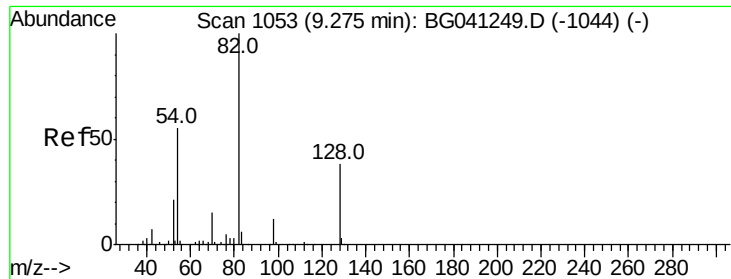
54 8.8 7.6 11.4

68 4.8 3.9 5.9



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

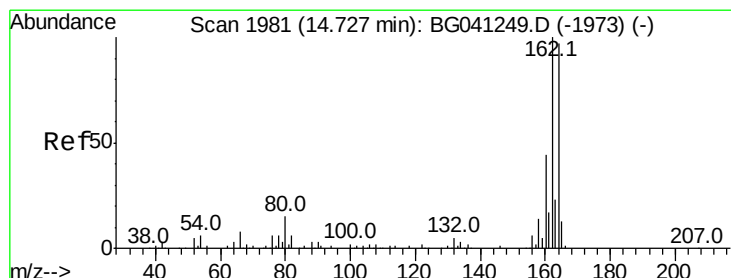
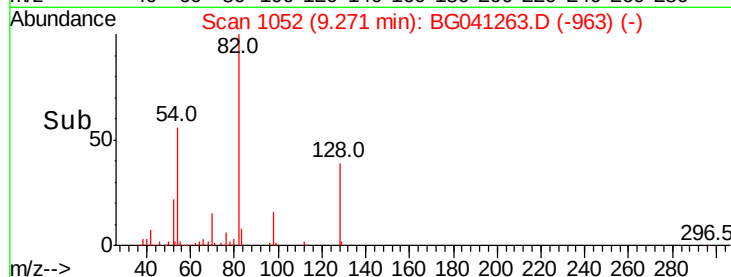
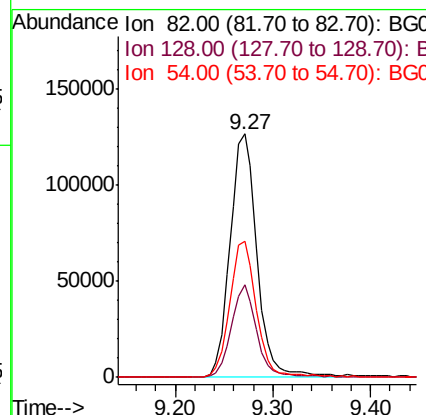
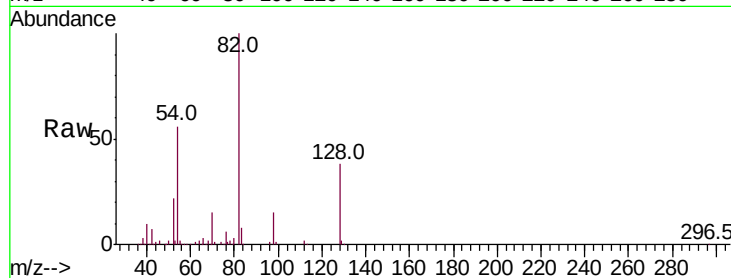




#23
 Nitrobenzene-d5
 Concen: 66.141 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG041263.D
 Acq: 14 Jun 2019 21:19

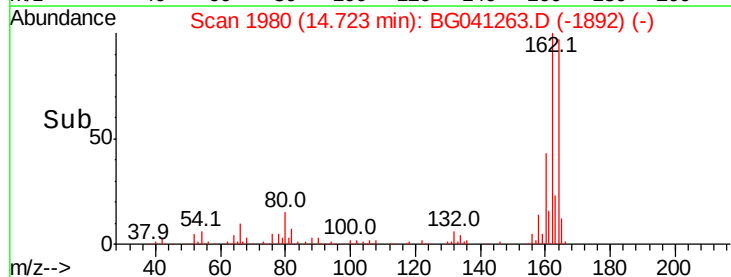
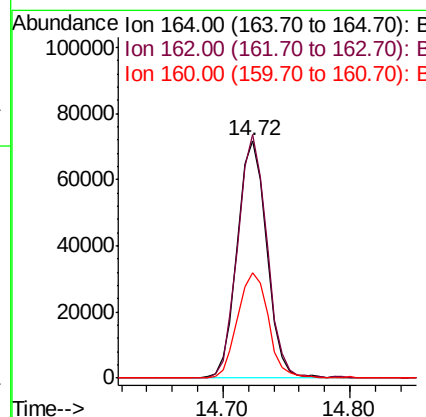
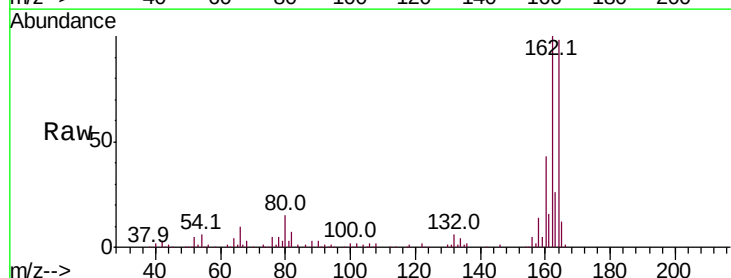
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-6

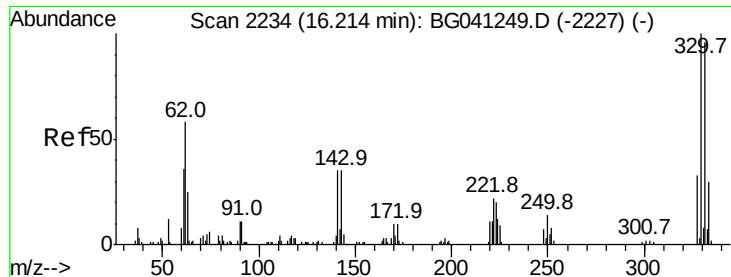
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.5	45.7
54	55.7	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.02 min
 Lab File: BG041263.D
 Acq: 14 Jun 2019 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	44.4	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 20.834 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-6

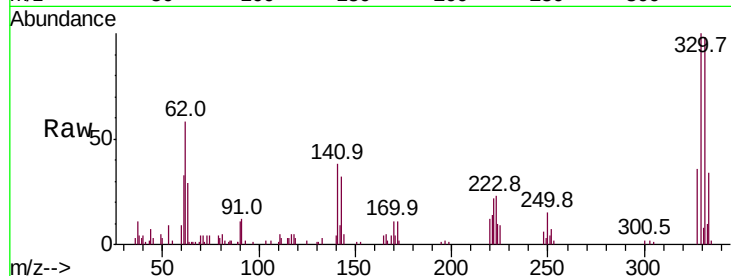
Tot Ion:330 Resp: 33170

Ion Ratio Lower Upper

330 100

332 93.4 78.5 117.7

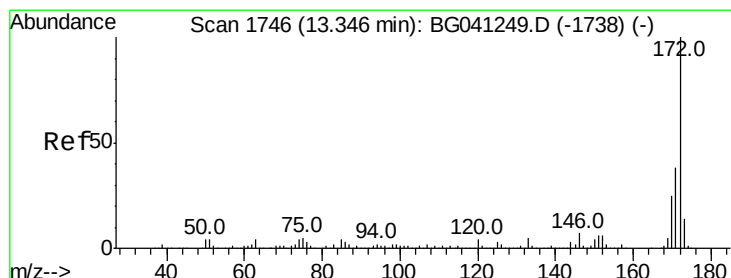
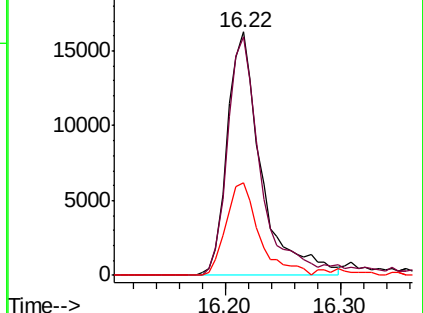
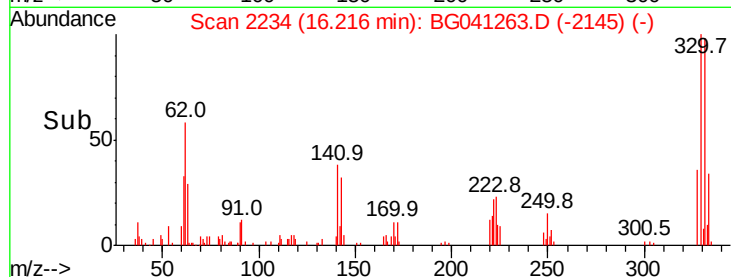
141 37.0 28.7 43.1



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: 67.430 ng

RT: 13.34 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

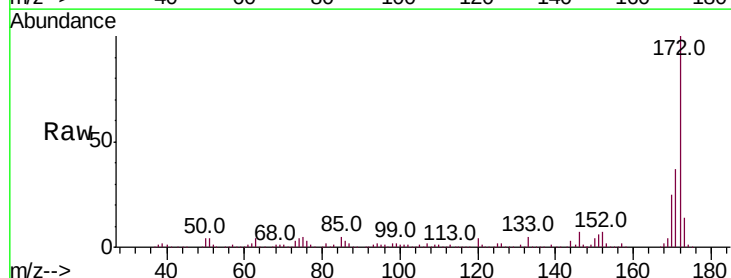
Tgt Ion:172 Resp: 586325

Ion Ratio Lower Upper

172 100

171 37.4 31.1 46.7

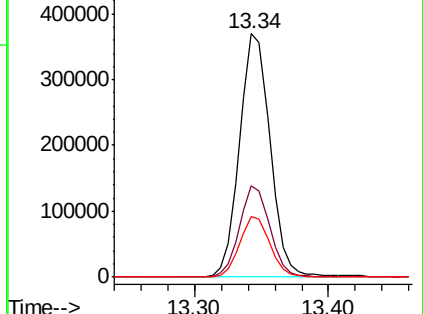
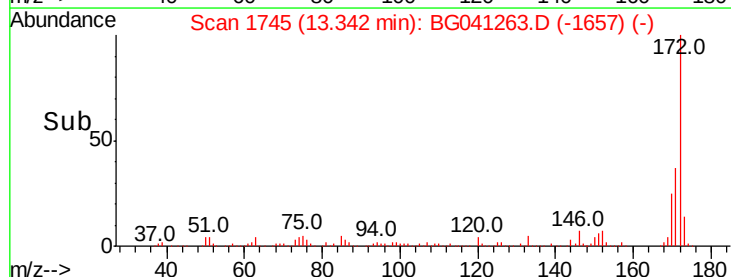
170 25.1 20.5 30.7

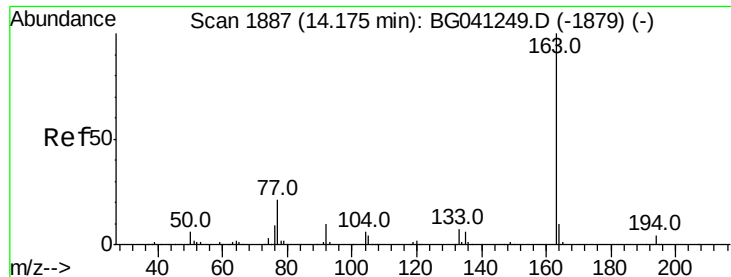


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.492 ng

RT: 14.17 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-6

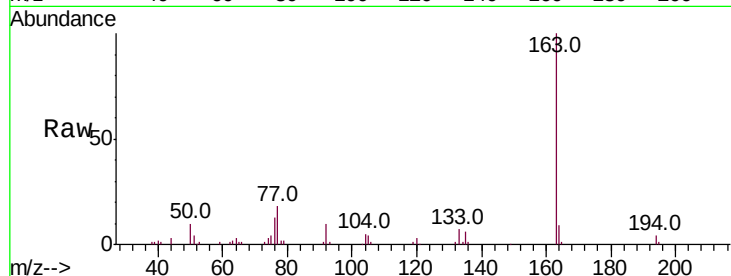
Tot Ion:163 Resp: 82376

Ion Ratio Lower Upper

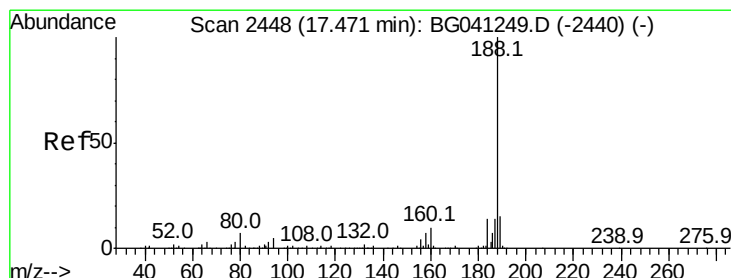
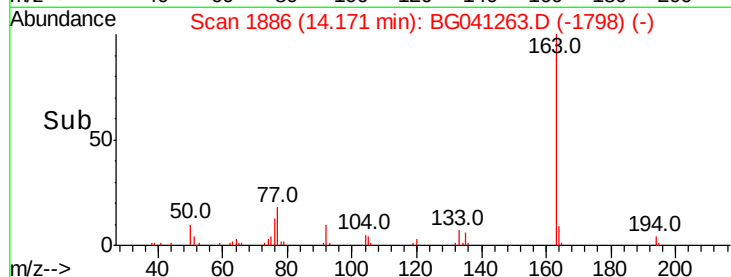
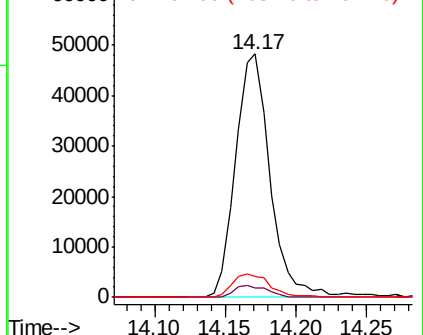
163 100

194 4.0 3.8 5.8

164 8.7 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: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

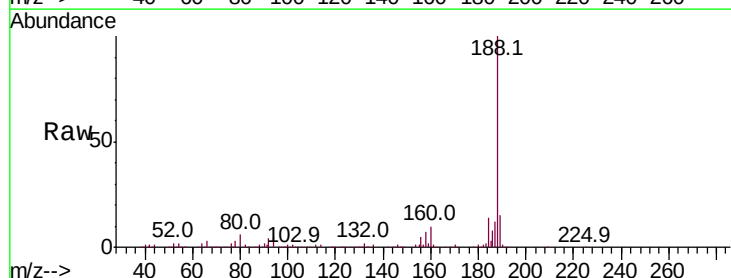
Tgt Ion:188 Resp: 268848

Ion Ratio Lower Upper

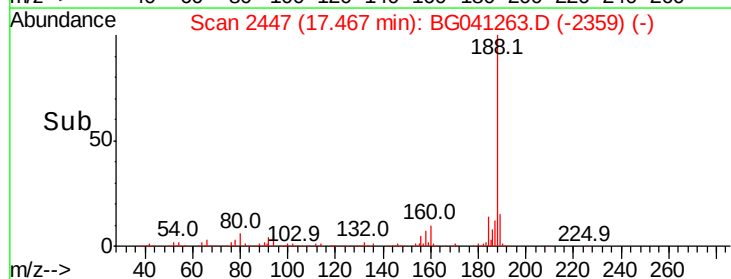
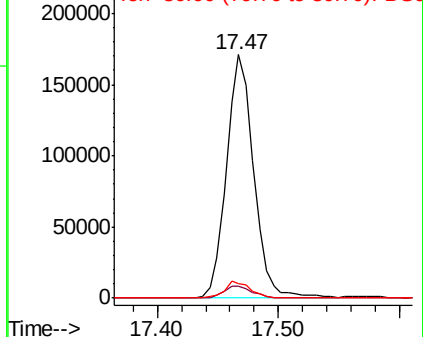
188 100

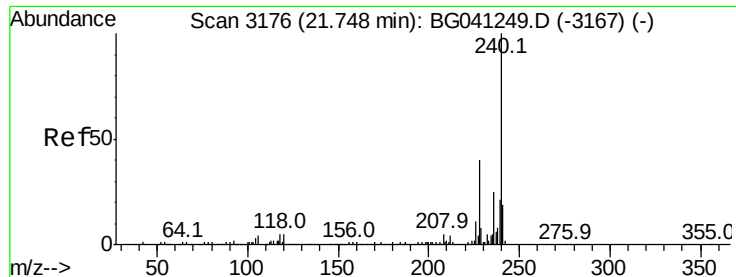
94 4.9 4.7 7.1

80 6.1 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: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-6

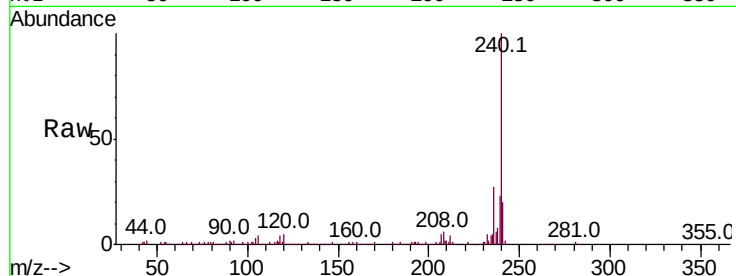
Tot Ion:240 Resp: 242127

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

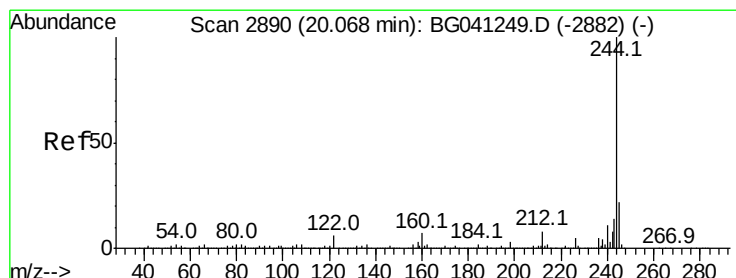
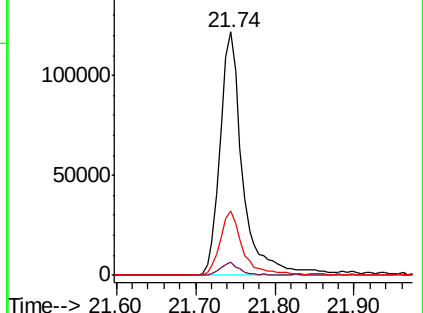
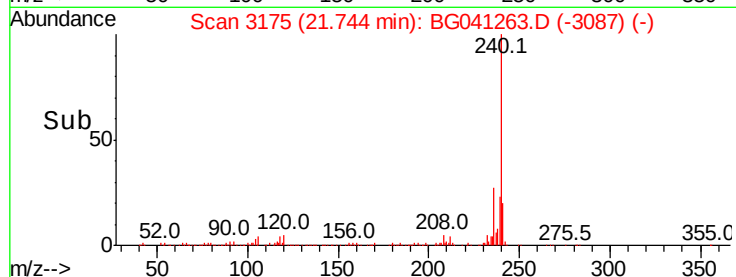
236 26.7 21.3 31.9



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: 73.369 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041263.D

Acq: 14 Jun 2019 21:19

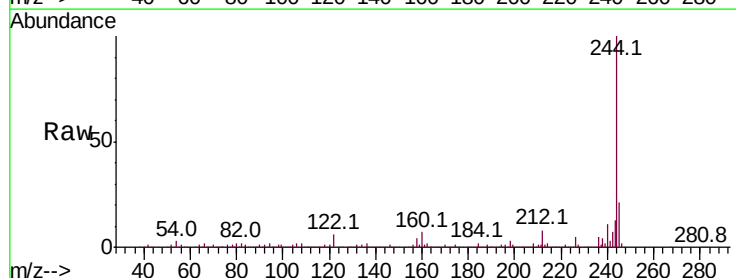
Tgt Ion:244 Resp: 906045

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

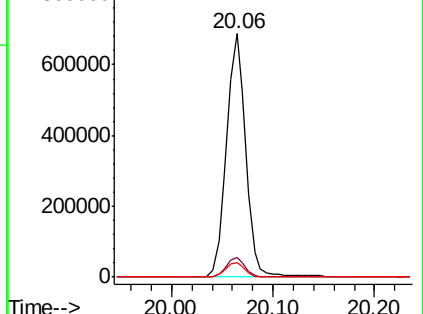
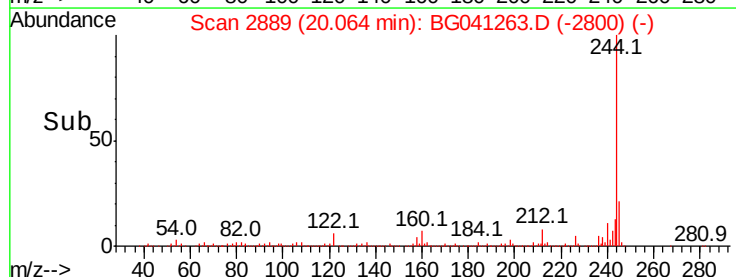
122 6.1 5.4 8.0

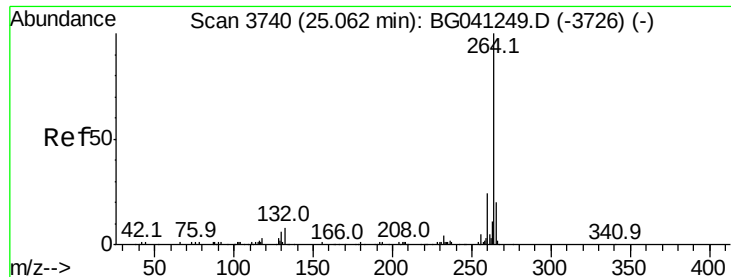


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.06 min Scan# 3739
 Delta R.T. -0.03 min
 Lab File: BG041263.D
 Acq: 14 Jun 2019 21:19

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	21.9	17.0	25.4

