

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041090.D
 Acq On : 6 Jun 2019 14:20
 Operator : HP/JU
 Sample : K3177-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1

Quant Time: Jun 07 14:27:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

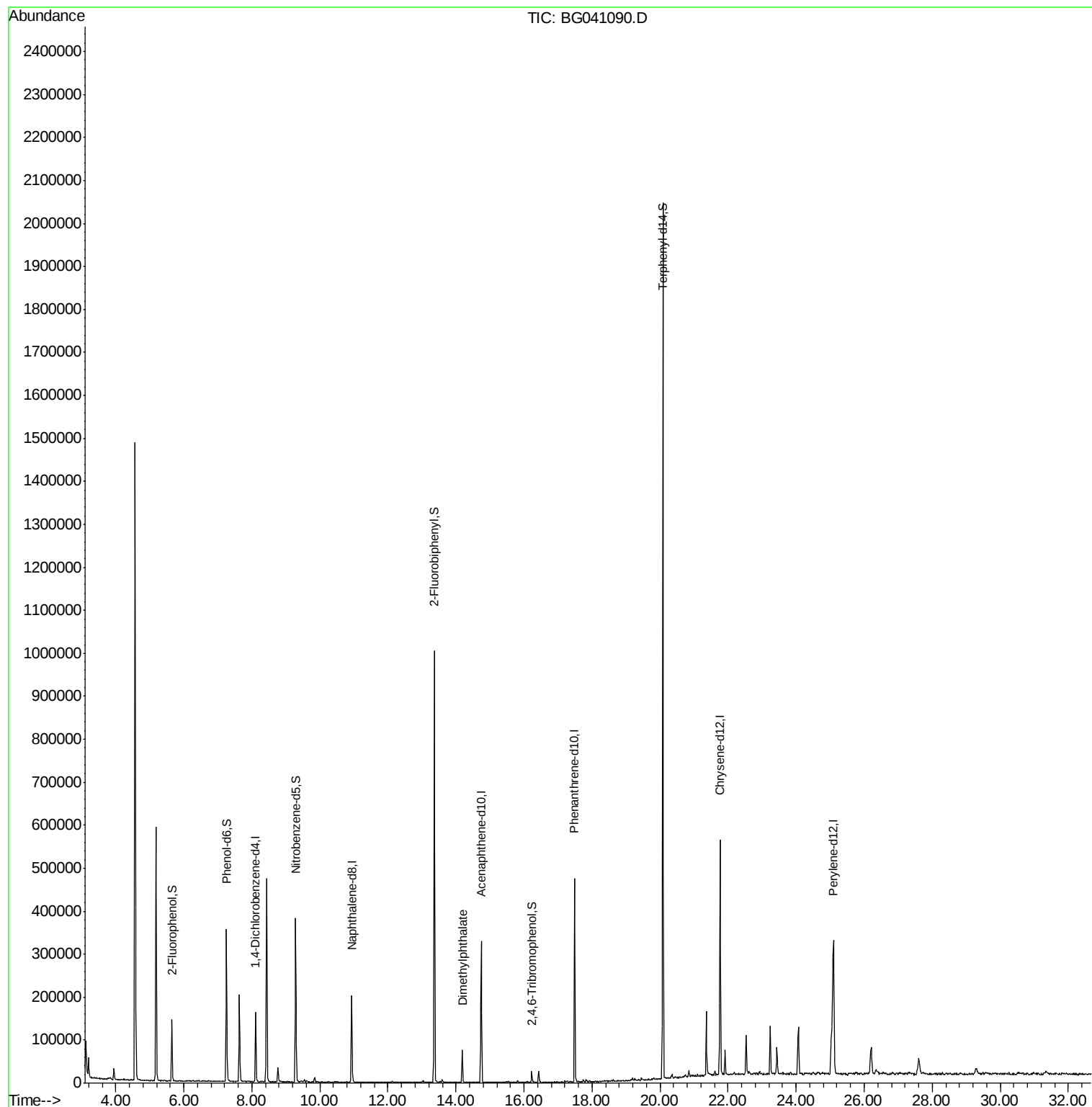
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43534	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	161352	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	111713	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	290106	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	337293	20.00	ng	-0.02
87) Perylene-d12	25.09	264	365102	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	55315	22.91	ng	-0.01
7) Phenol-d6	7.25	99	189147	50.73	ng	-0.02
23) Nitrobenzene-d5	9.29	82	230085	63.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	5579	3.36	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	516423	66.57	ng	-0.02
79) Terphenyl-d14	20.08	244	1013306	63.76	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.18	163	52861	5.590	ng	Qvalue 96

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

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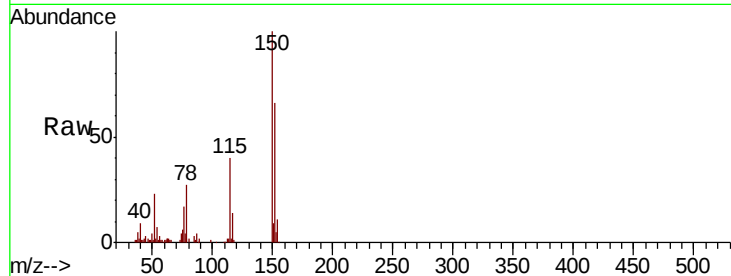


#1

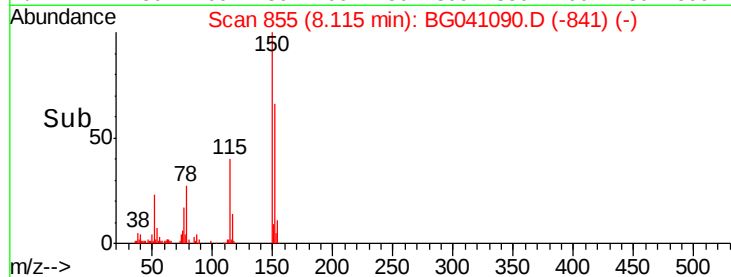
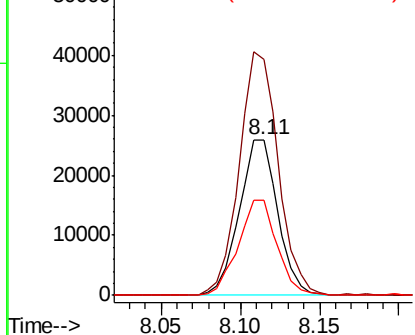
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tot Ion:152 Resp: 43534
Ion Ratio Lower Upper
152 100
150 151.4 120.6 180.8
115 61.0 45.1 67.7



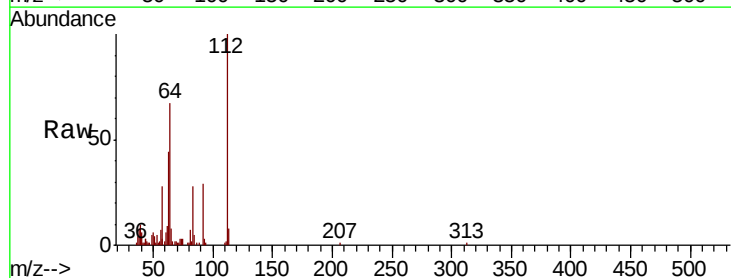
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



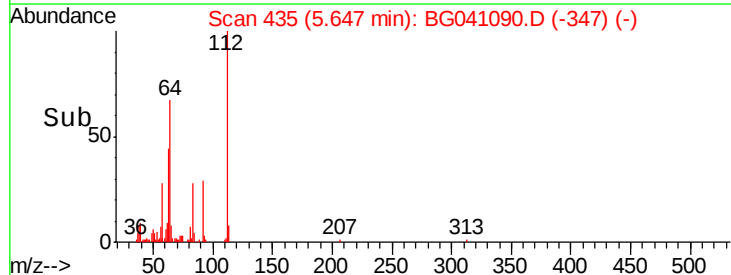
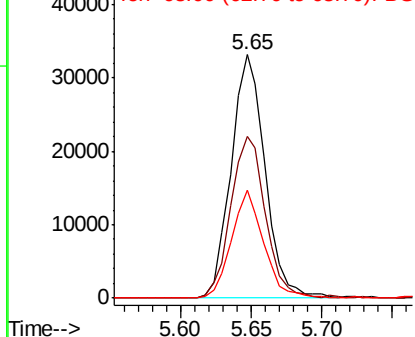
#5

2-Fluorophenol
Concen: 22.912 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:112 Resp: 55315
Ion Ratio Lower Upper
112 100
64 66.5 56.2 84.2
63 44.4 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: 50.729 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041090.D

Acq: 6 Jun 2019 14:20

Instrument :

BNA_G

ClientSampleId :

BW-CONCRETE-1

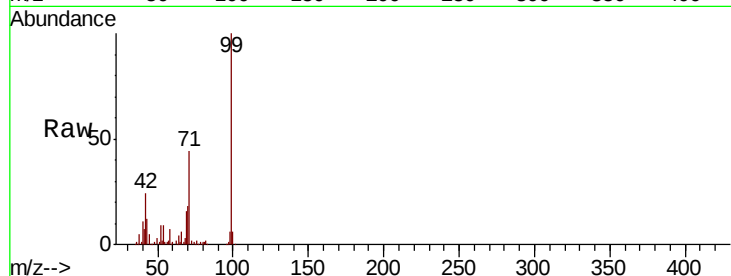
Tot Ion: 99 Resp: 189147

Ion Ratio Lower Upper

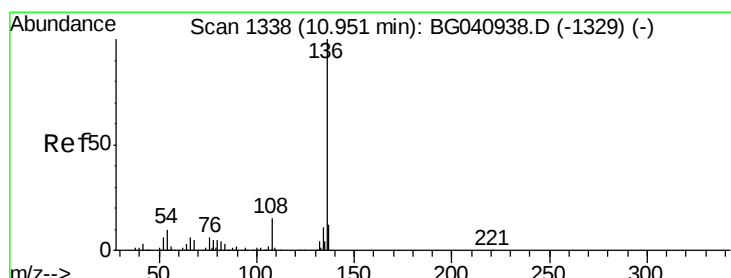
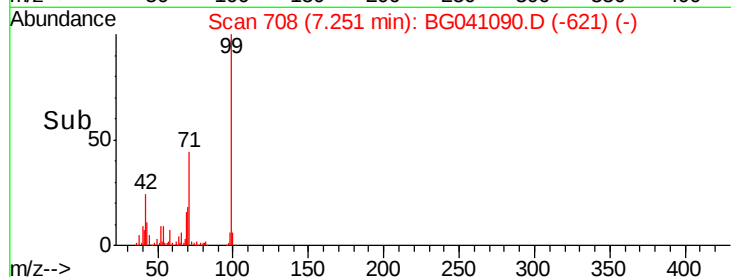
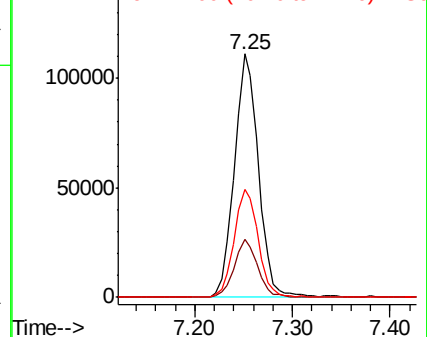
99 100

42 23.9 17.9 26.9

71 44.4 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: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041090.D

Acq: 6 Jun 2019 14:20

Tgt Ion: 136 Resp: 161352

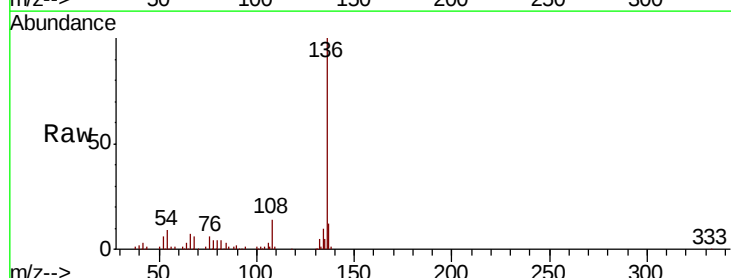
Ion Ratio Lower Upper

136 100

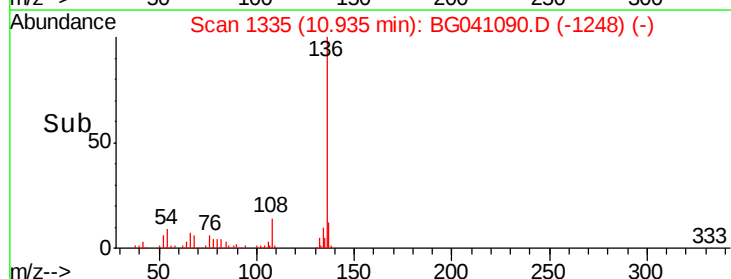
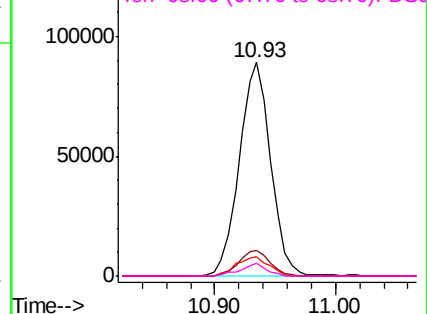
137 11.9 9.5 14.3

54 9.1 7.6 11.4

68 6.0 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

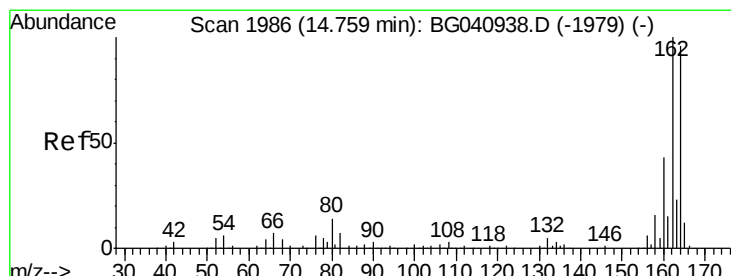
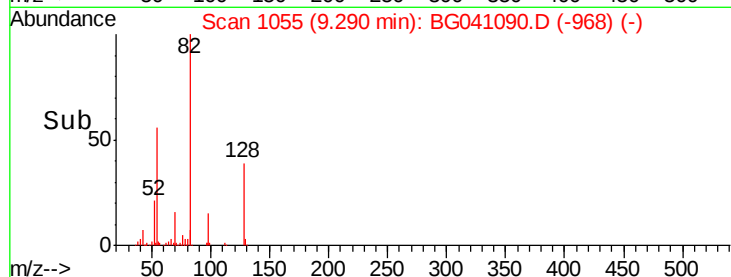
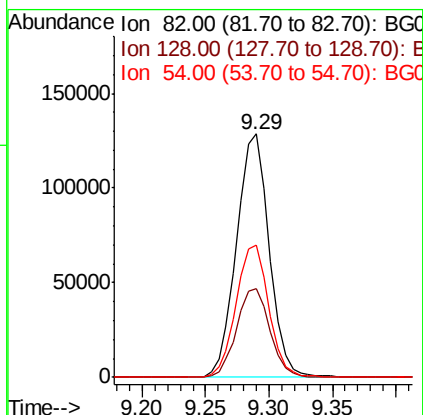
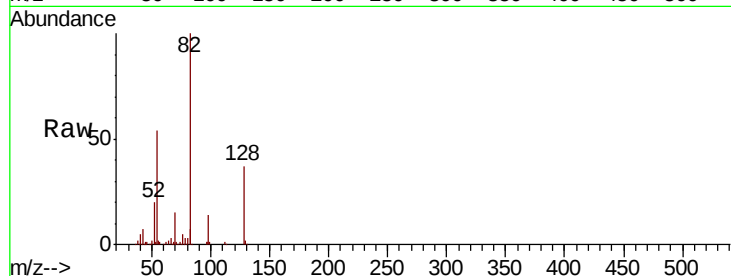




#23
 Nitrobenzene-d5
 Concen: 63.305 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041090.D
 Acq: 6 Jun 2019 14:20

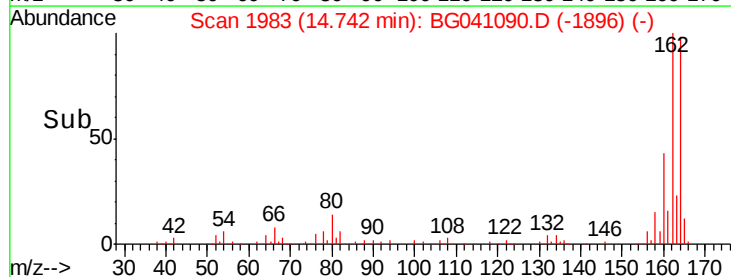
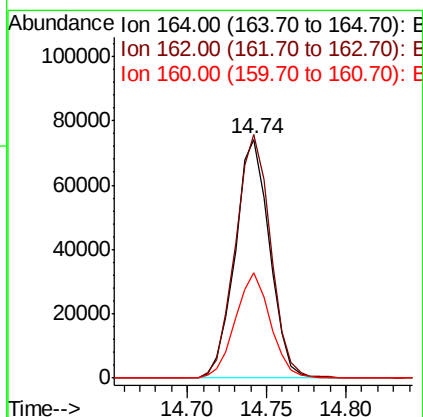
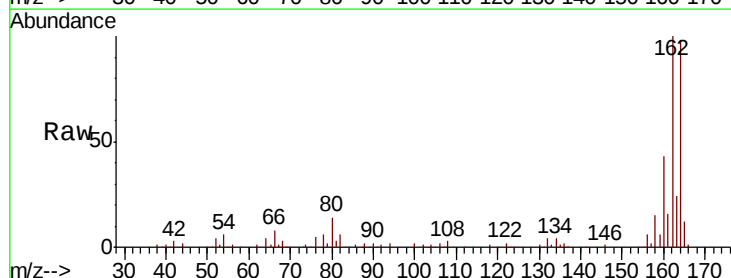
Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1

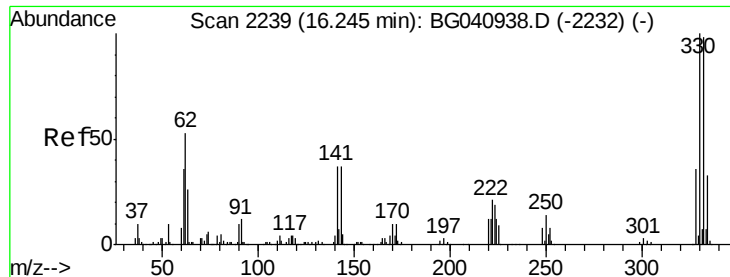
Tot Ion	82	Resp	230085
Ion Ratio	Lower	Upper	
82	100		
128	36.6	30.5	45.7
54	54.3	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BG041090.D
 Acq: 6 Jun 2019 14:20

Tgt Ion	164	Resp	111713
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.0	124.4
160	43.8	35.6	53.4

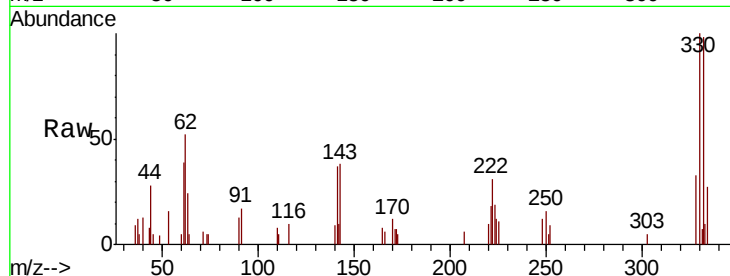




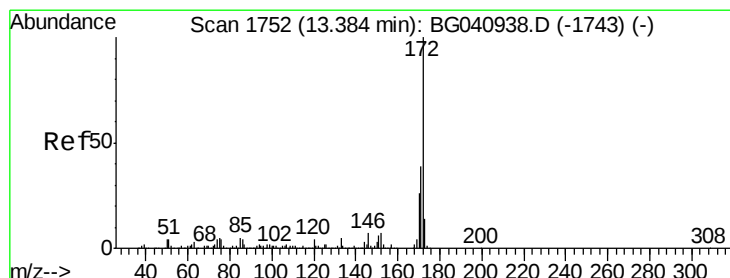
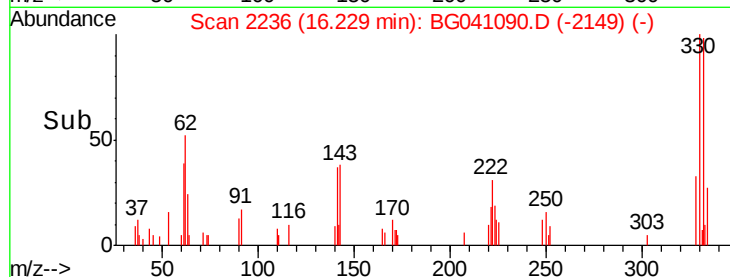
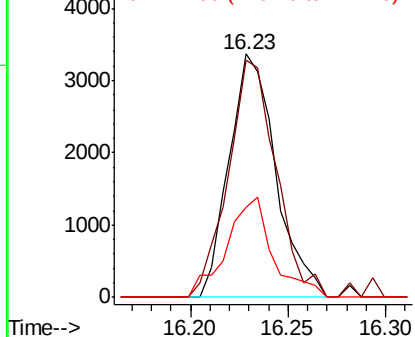
#42
 2,4,6-Tribromophenol
 Concen: 3.364 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BG041090.D
 Acq: 6 Jun 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1

Tot Ion:330 Resp: 5579
 Ion Ratio Lower Upper
 330 100
 332 99.9 78.5 117.7
 141 40.6 28.7 43.1

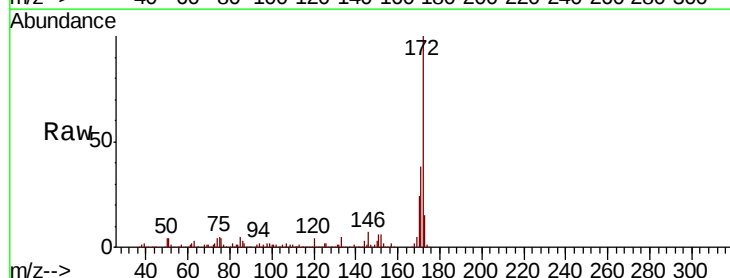


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

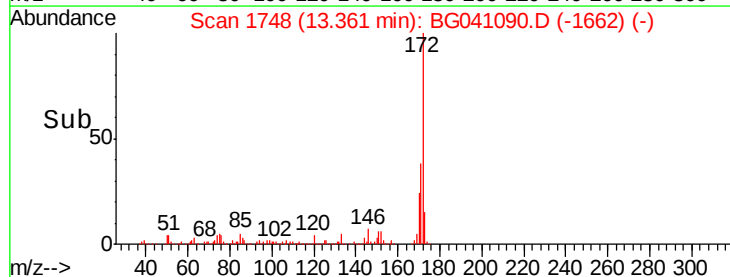
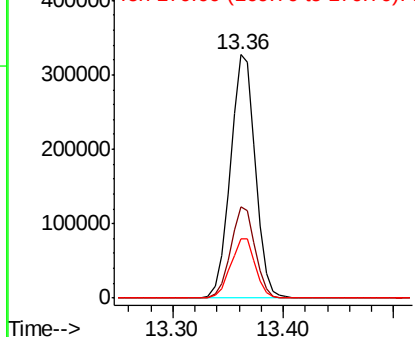


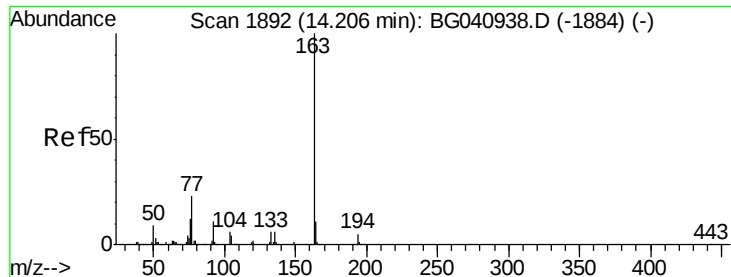
#45
 2-Fluorobiphenyl
 Concen: 66.573 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG041090.D
 Acq: 6 Jun 2019 14:20

Tgt Ion:172 Resp: 516423
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.1 46.7
 170 24.3 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: 5.590 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG041090.D

Acq: 6 Jun 2019 14:20

Instrument :

BNA_G

ClientSampleId :

BW-CONCRETE-1

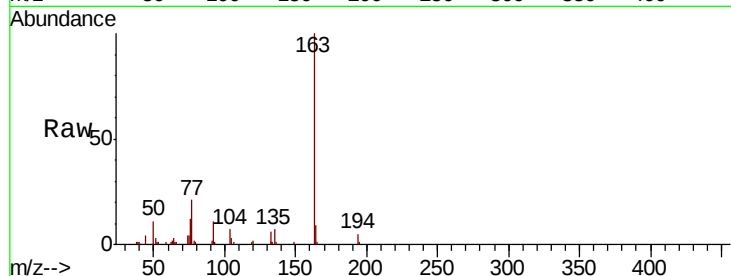
Tot Ion:163 Resp: 52861

Ion Ratio Lower Upper

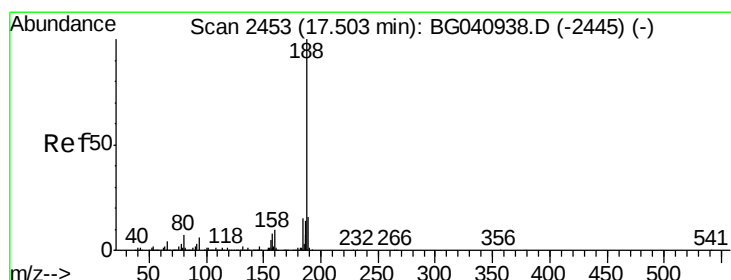
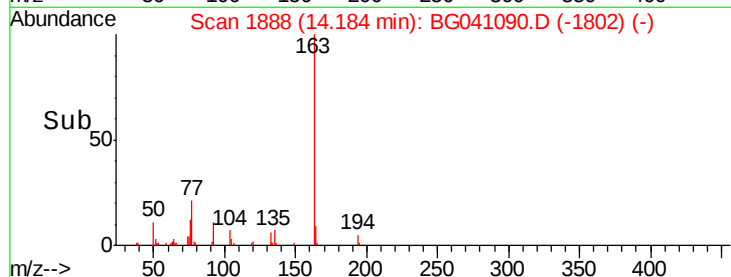
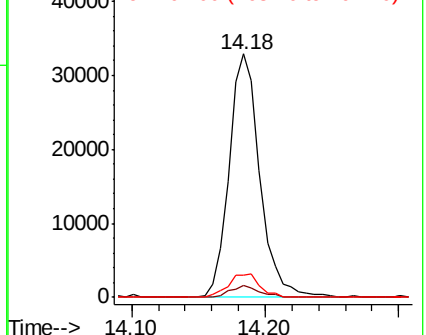
163 100

194 4.7 3.8 5.8

164 9.1 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: 17.49 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041090.D

Acq: 6 Jun 2019 14:20

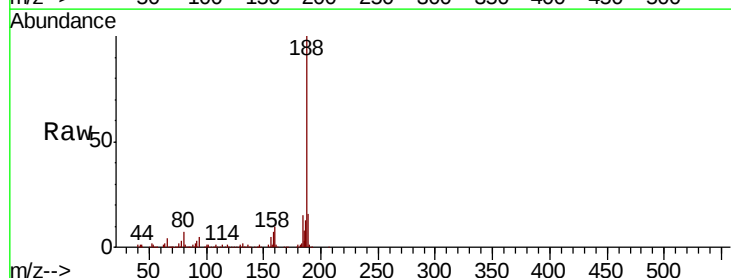
Tgt Ion:188 Resp: 290106

Ion Ratio Lower Upper

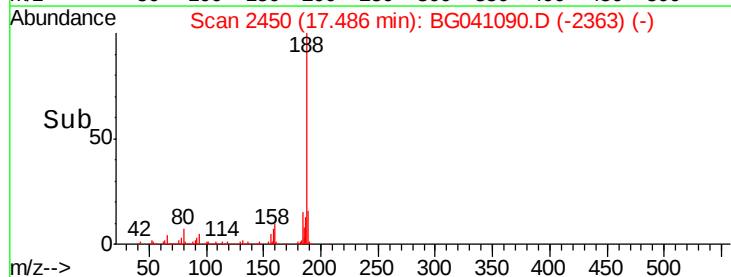
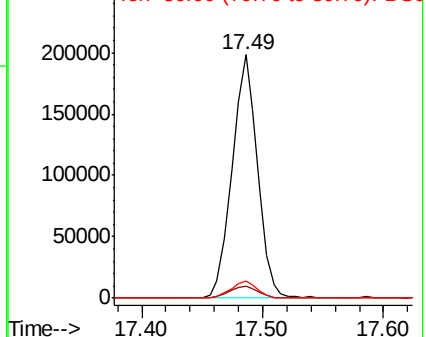
188 100

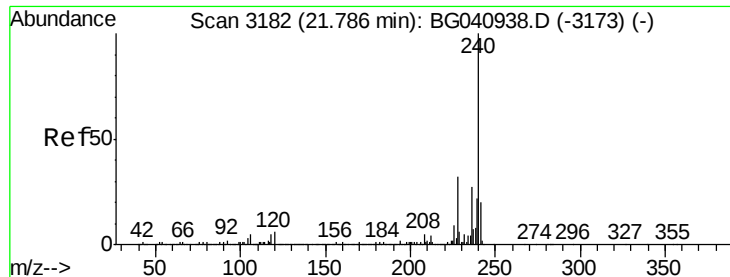
94 5.1 4.7 7.1

80 6.9 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

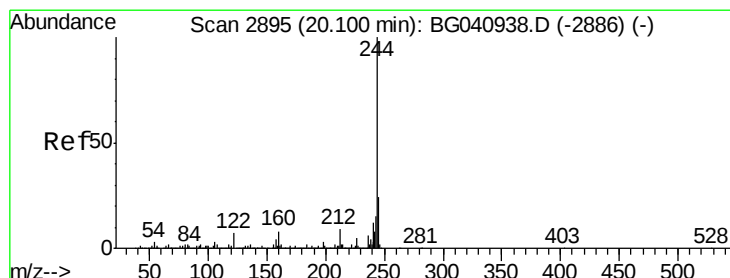
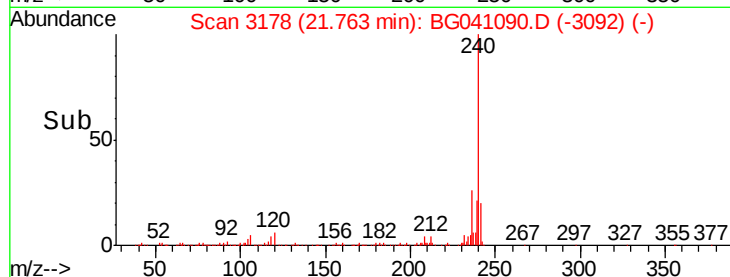
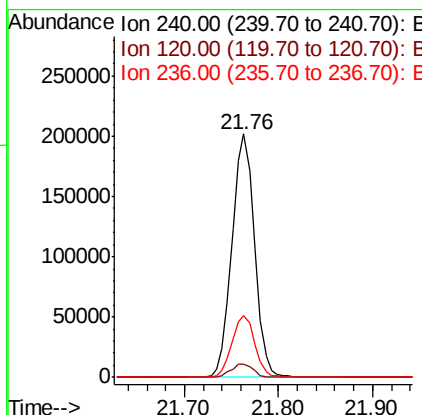
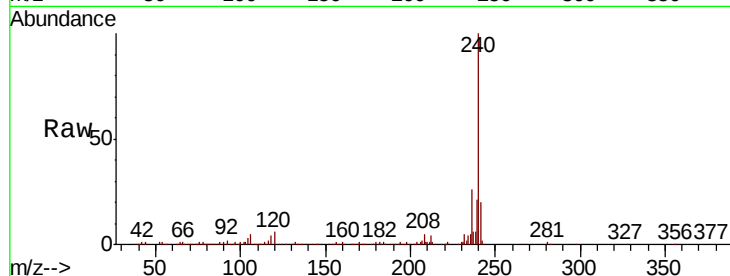




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

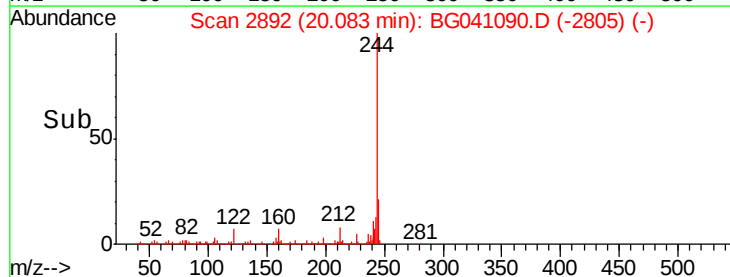
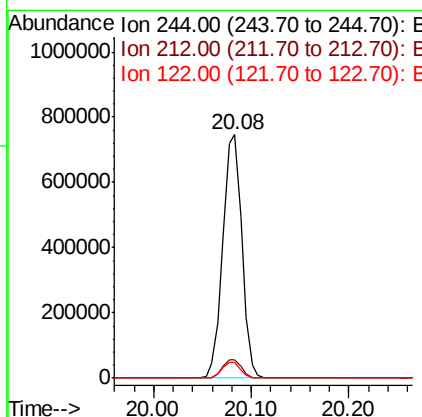
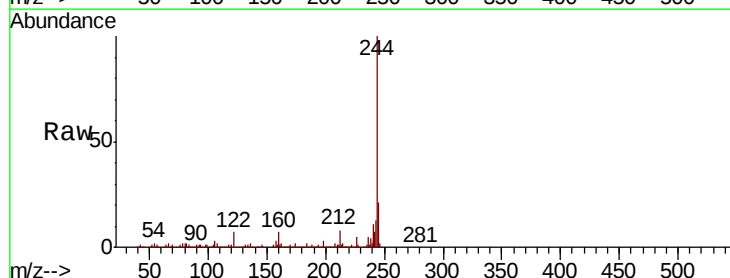
Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

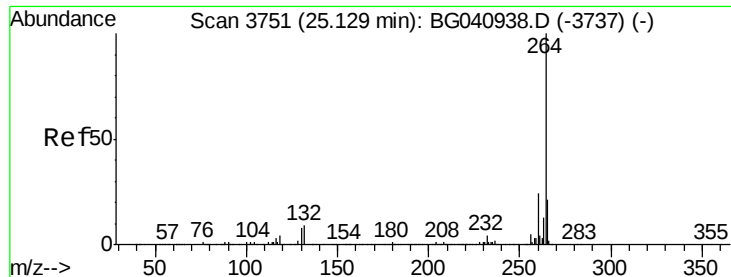
Tot Ion:240 Resp: 337293
Ion Ratio Lower Upper
240 100
120 5.6 4.5 6.7
236 25.5 21.3 31.9



#79
Terphenyl-d14
Concen: 63.760 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:244 Resp: 1013306
Ion Ratio Lower Upper
244 100
212 7.8 7.0 10.4
122 6.5 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3745
 Delta R.T. -0.03 min
 Lab File: BG041090.D
 Acq: 6 Jun 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.7	17.0	25.4

