

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041123.D
 Acq On : 8 Jun 2019 7:17
 Operator : HP/JU
 Sample : K3177-02RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1RE

Quant Time: Jun 08 18:27:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

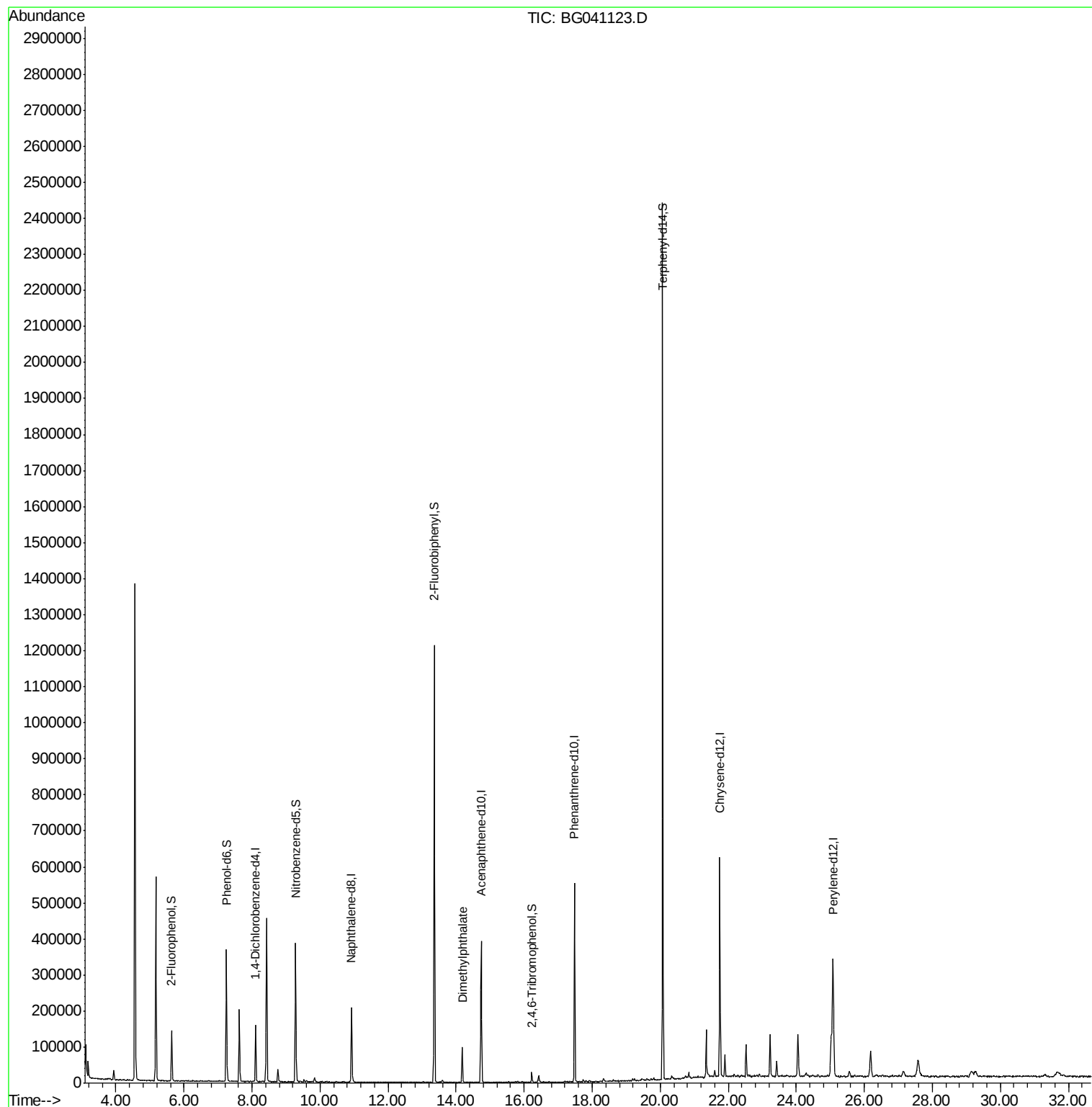
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42498	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	171375	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	137382	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	350790	20.00	ng	0.00
76) Chrysene-d12	21.75	240	356671	20.00	ng	0.00
87) Perylene-d12	25.08	264	372916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	52984	22.48	ng	0.00
7) Phenol-d6	7.25	99	194195	53.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	238315	61.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	6015	2.95	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	601994	63.10	ng	0.00
79) Terphenyl-d14	20.07	244	1103338	65.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	67378	5.794	ng	Qvalue 97

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

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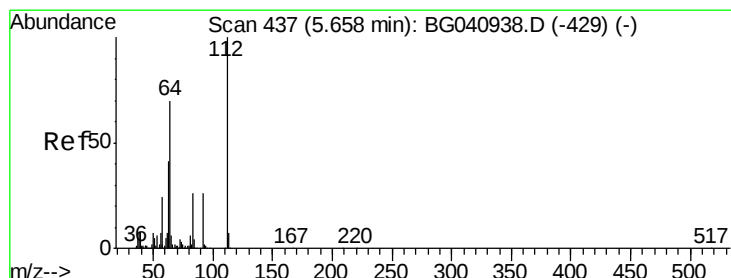
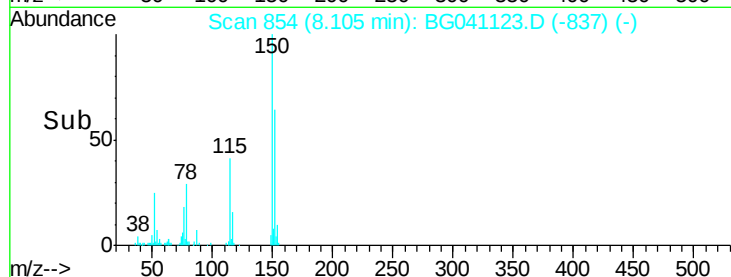
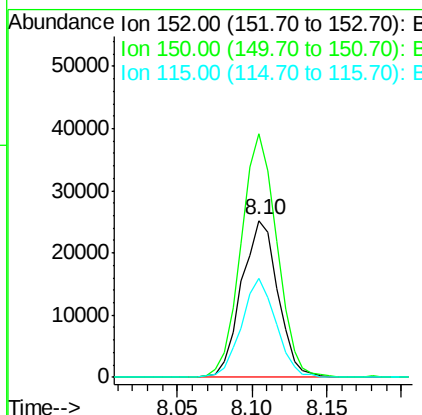
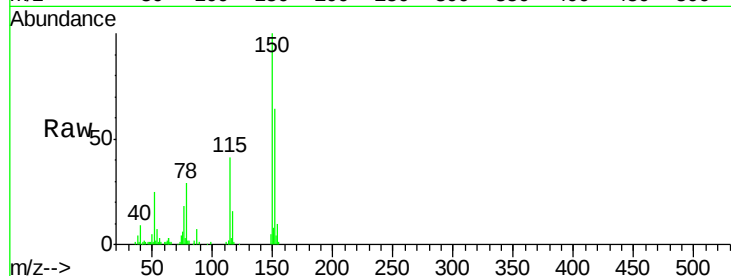


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1RE

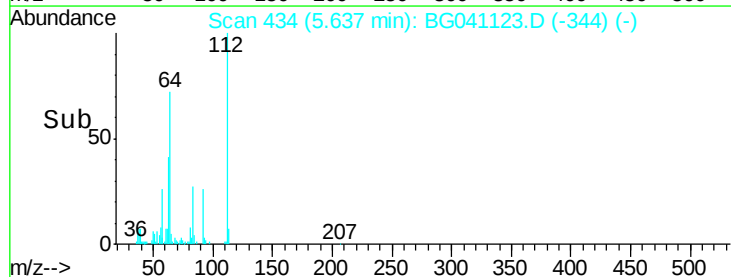
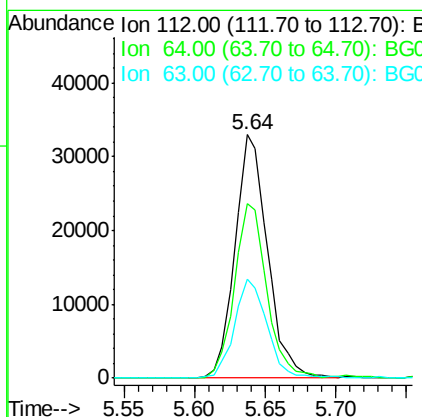
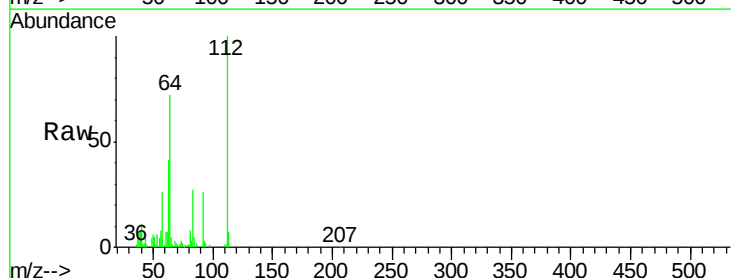
Tot Ion:152 Resp: 42498
Ion Ratio Lower Upper
152 100
150 155.4 111.7 167.5
115 63.2 48.6 73.0



#5

2-Fluorophenol
Concen: 22.481 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:112 Resp: 52984
Ion Ratio Lower Upper
112 100
64 71.9 54.5 81.7
63 40.7 32.2 48.2





#7

Phenol-d6

Concen: 53.353 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041123.D

Acq: 8 Jun 2019 7:17

Instrument :

BNA_G

ClientSampleId :

BW-CONCRETE-1RE

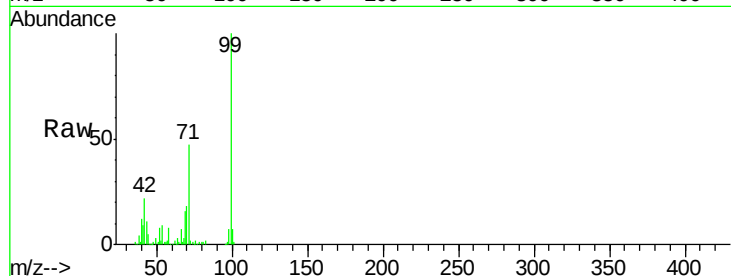
Tot Ion: 99 Resp: 194195

Ion Ratio Lower Upper

99 100

42 21.8 18.8 28.2

71 46.9 35.6 53.4

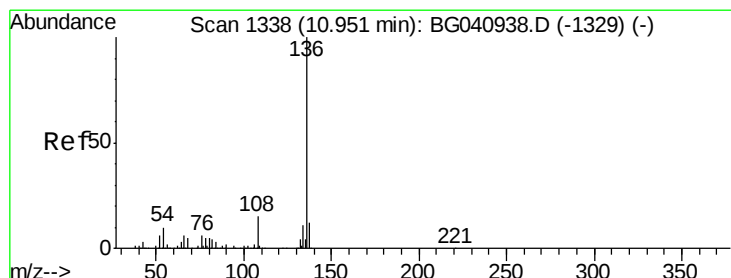
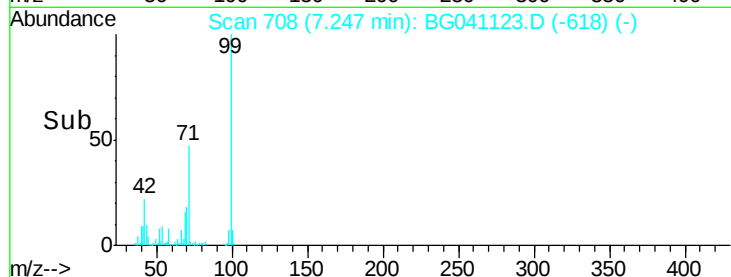
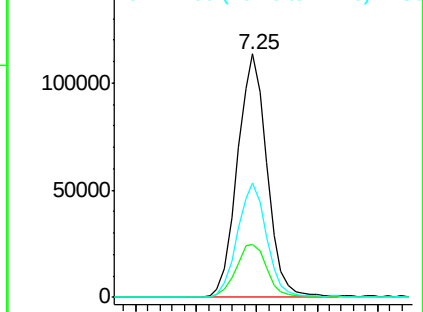


Abundance

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# 1334

Delta R.T. -0.00 min

Lab File: BG041123.D

Acq: 8 Jun 2019 7:17

Tgt Ion: 136 Resp: 171375

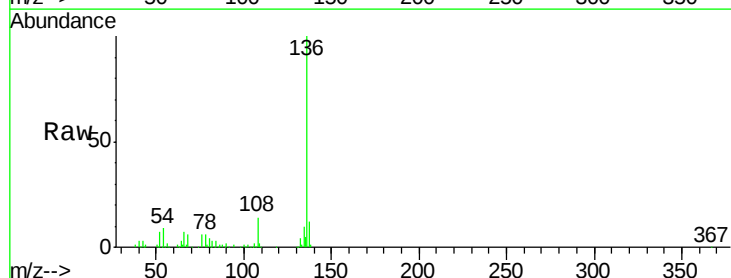
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 8.6 7.4 11.2

68 5.6 4.0 6.0



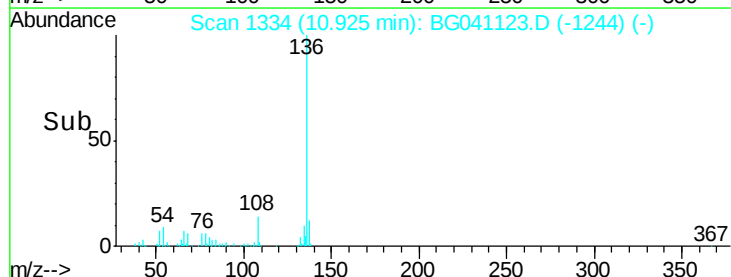
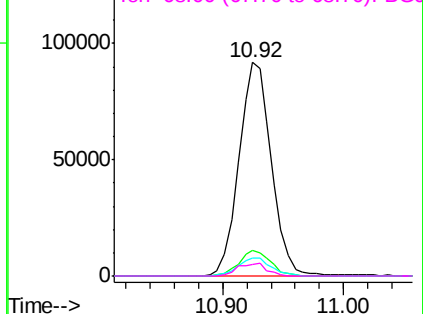
Abundance

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

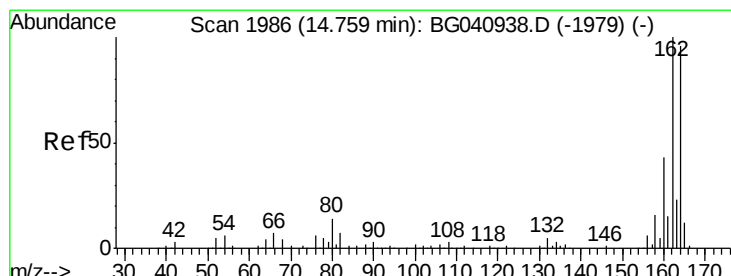
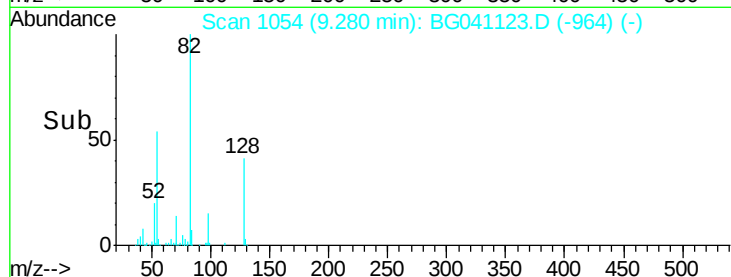
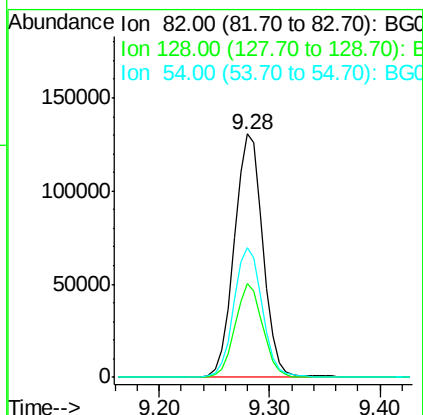
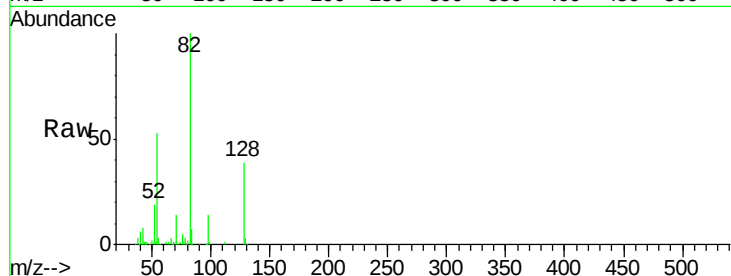




#23
 Nitrobenzene-d5
 Concen: 61.734 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG041123.D
 Acq: 8 Jun 2019 7:17

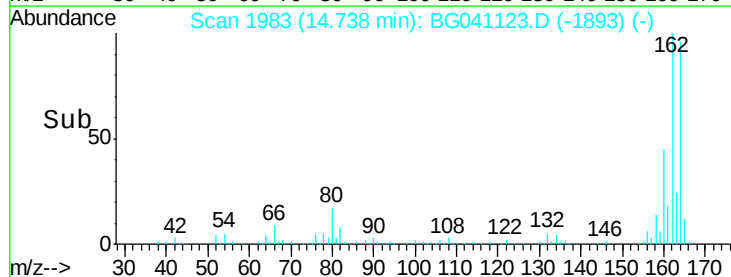
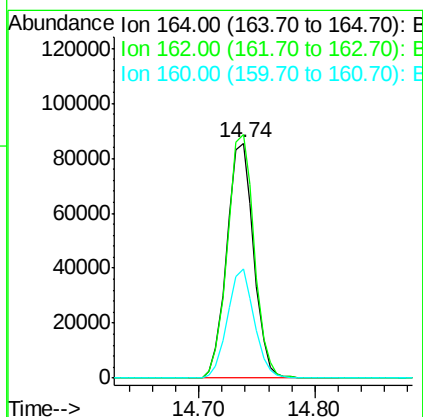
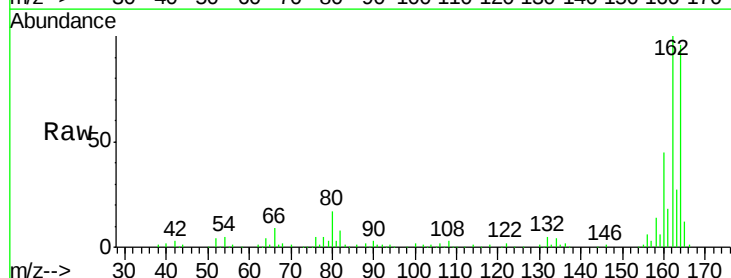
Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1RE

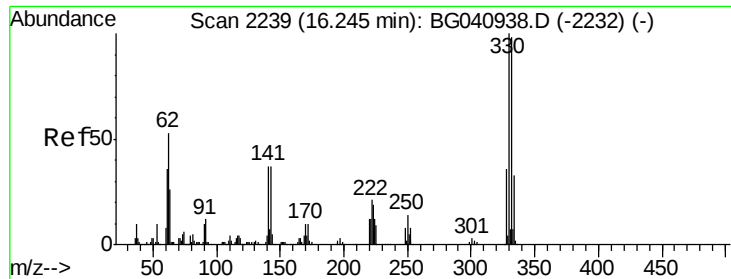
Tot Ion	82	Resp	238315
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.8	44.6
54	53.3	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041123.D
 Acq: 8 Jun 2019 7:17

Tgt Ion	164	Resp	137382
Ion Ratio	Lower	Upper	
164	100		
162	103.7	85.4	128.0
160	46.8	37.1	55.7

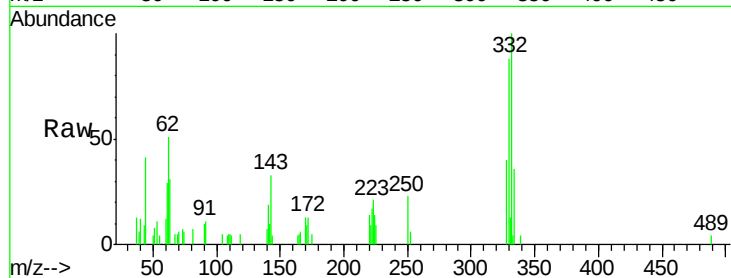




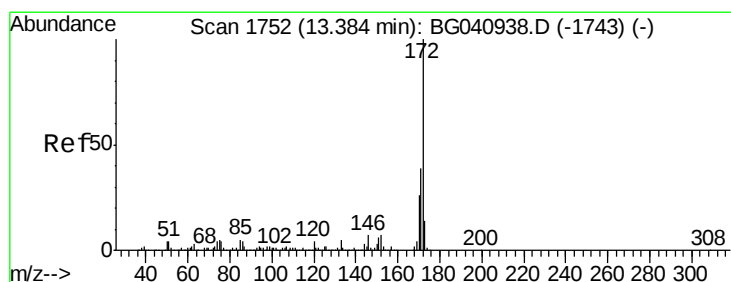
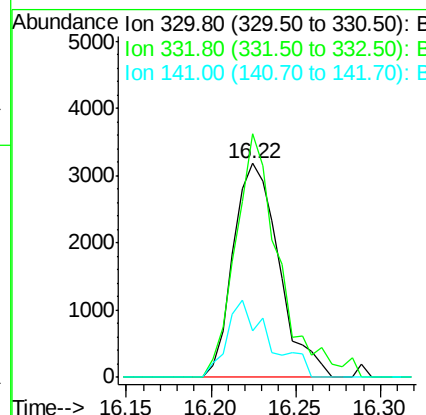
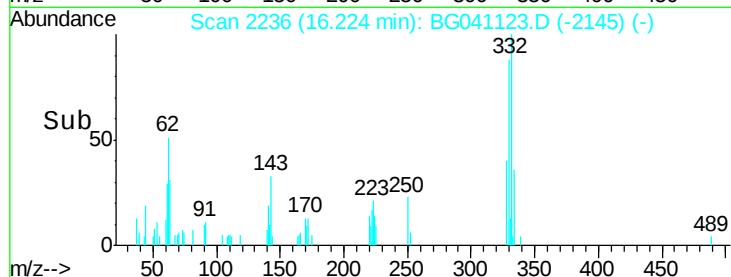
#42
 2,4,6-Tribromophenol
 Concen: 2.949 ng
 RT: 16.22 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041123.D
 Acq: 8 Jun 2019 7:17

Instrument :
 BNA_G
 ClientSampleId :
 BW-CONCRETE-1RE

Tot Ion:330 Resp: 6015
 Ion Ratio Lower Upper
 330 100
 332 108.3 77.9 116.9
 141 33.1 29.0 43.4

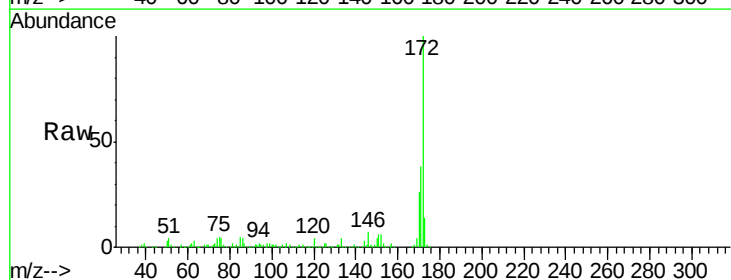


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

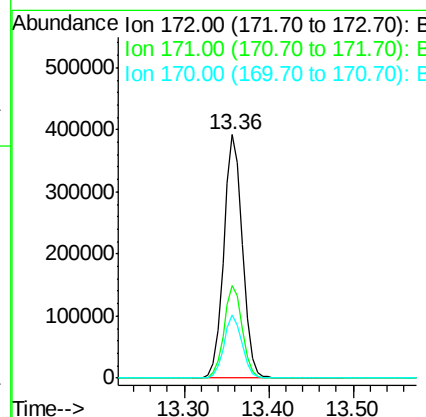
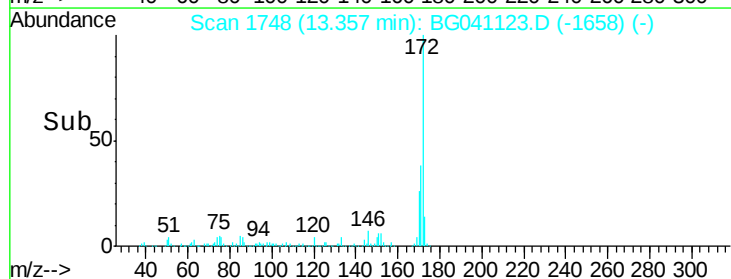


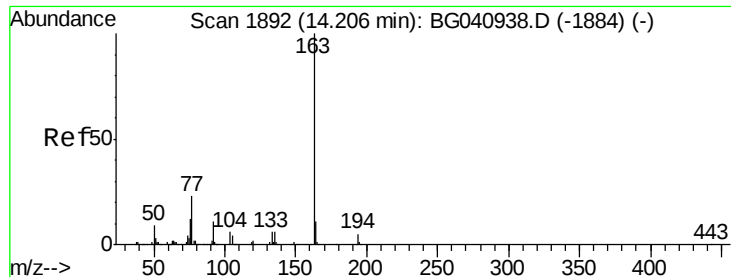
#45
 2-Fluorobiphenyl
 Concen: 63.104 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041123.D
 Acq: 8 Jun 2019 7:17

Tgt Ion:172 Resp: 601994
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.1 21.3 31.9



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: 5.794 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG041123.D

Acq: 8 Jun 2019 7:17

Instrument :

BNA_G

ClientSampleId :

BW-CONCRETE-1RE

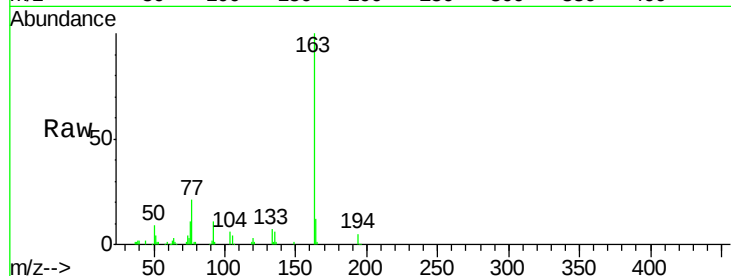
Tot Ion:163 Resp: 67378

Ion Ratio Lower Upper

163 100

194 5.3 3.8 5.6

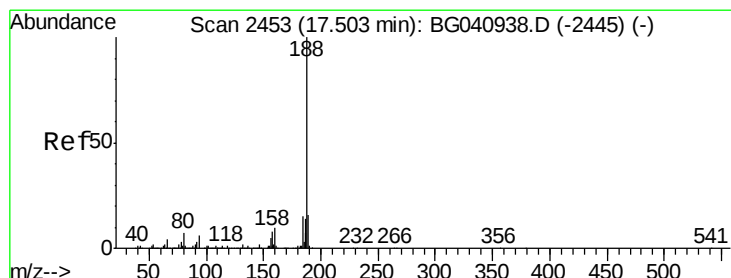
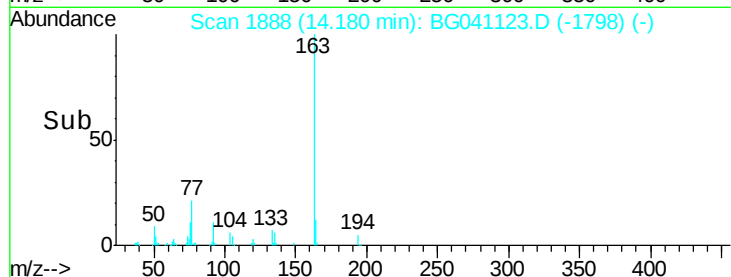
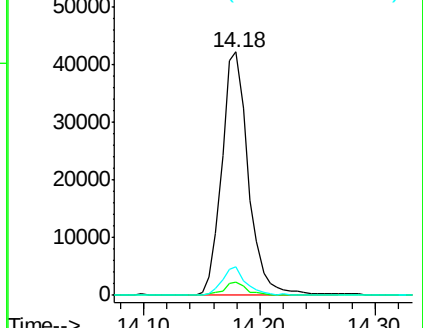
164 11.7 8.3 12.5



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# 2450

Delta R.T. 0.00 min

Lab File: BG041123.D

Acq: 8 Jun 2019 7:17

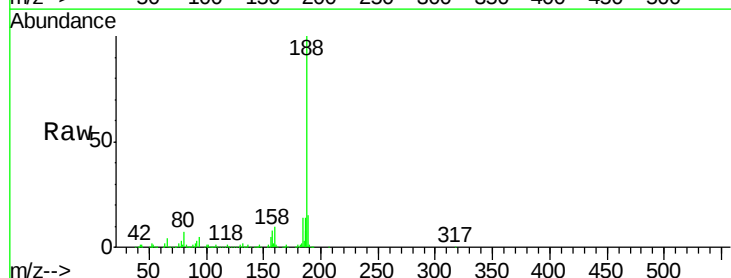
Tgt Ion:188 Resp: 350790

Ion Ratio Lower Upper

188 100

94 5.3 4.6 7.0

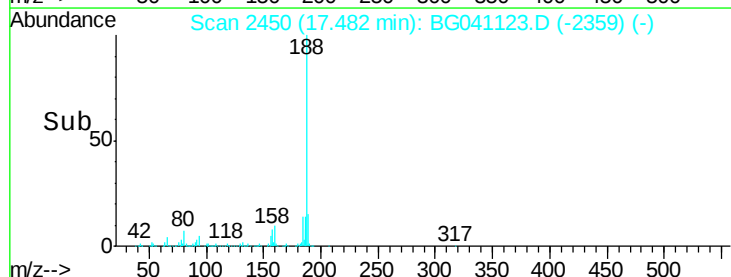
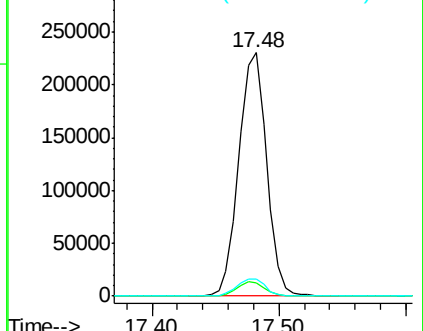
80 6.8 5.8 8.8

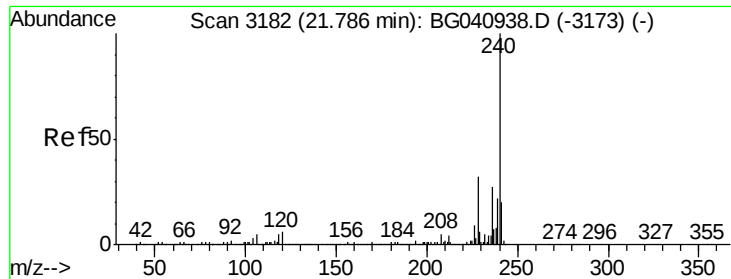


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG041123.D

Acq: 8 Jun 2019 7:17

Instrument :

BNA_G

ClientSampleId :

BW-CONCRETE-1RE

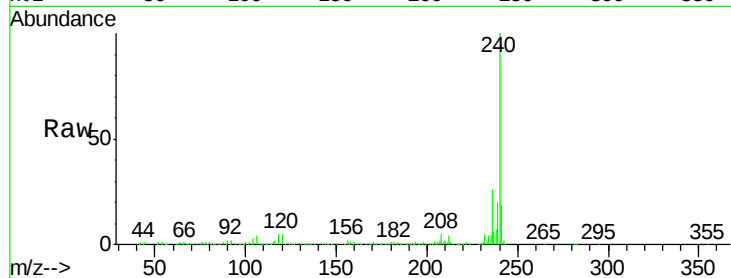
Tot Ion:240 Resp: 356671

Ion Ratio Lower Upper

240 100

120 4.6 4.6 6.8

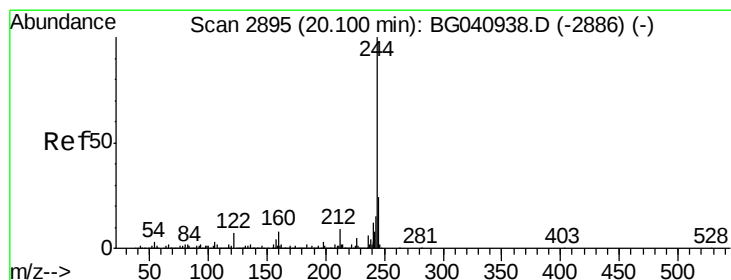
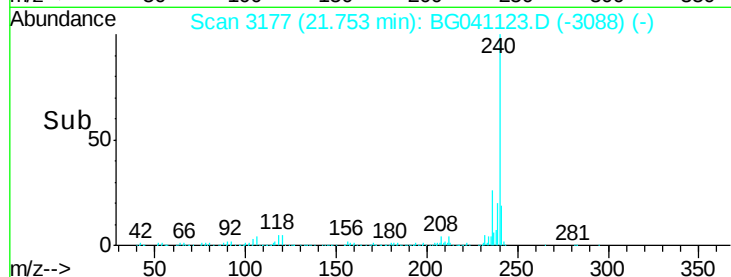
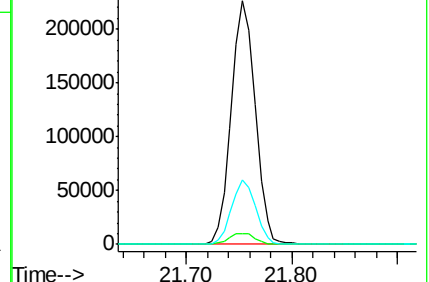
236 26.4 20.6 31.0



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: 65.653 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041123.D

Acq: 8 Jun 2019 7:17

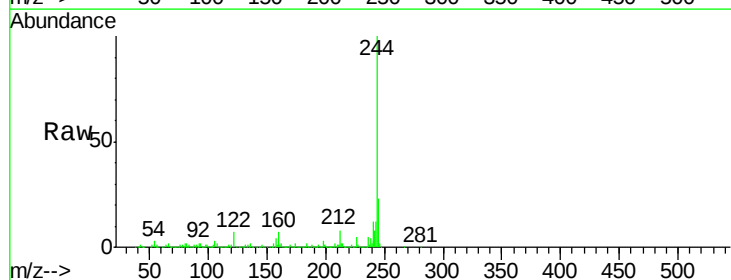
Tgt Ion:244 Resp: 1103338

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

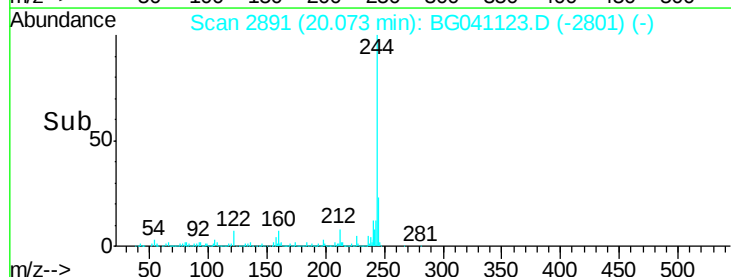
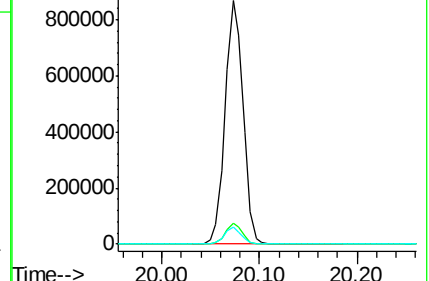
122 6.9 5.4 8.0

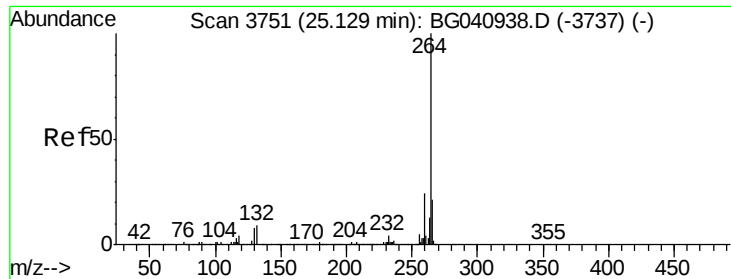


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.1	28.7
265	21.0	17.6	26.4

