

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041089.D
 Acq On : 6 Jun 2019 13:41
 Operator : HP/JU
 Sample : K3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-CONCRETE-1

Quant Time: Jun 07 04:21:33 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

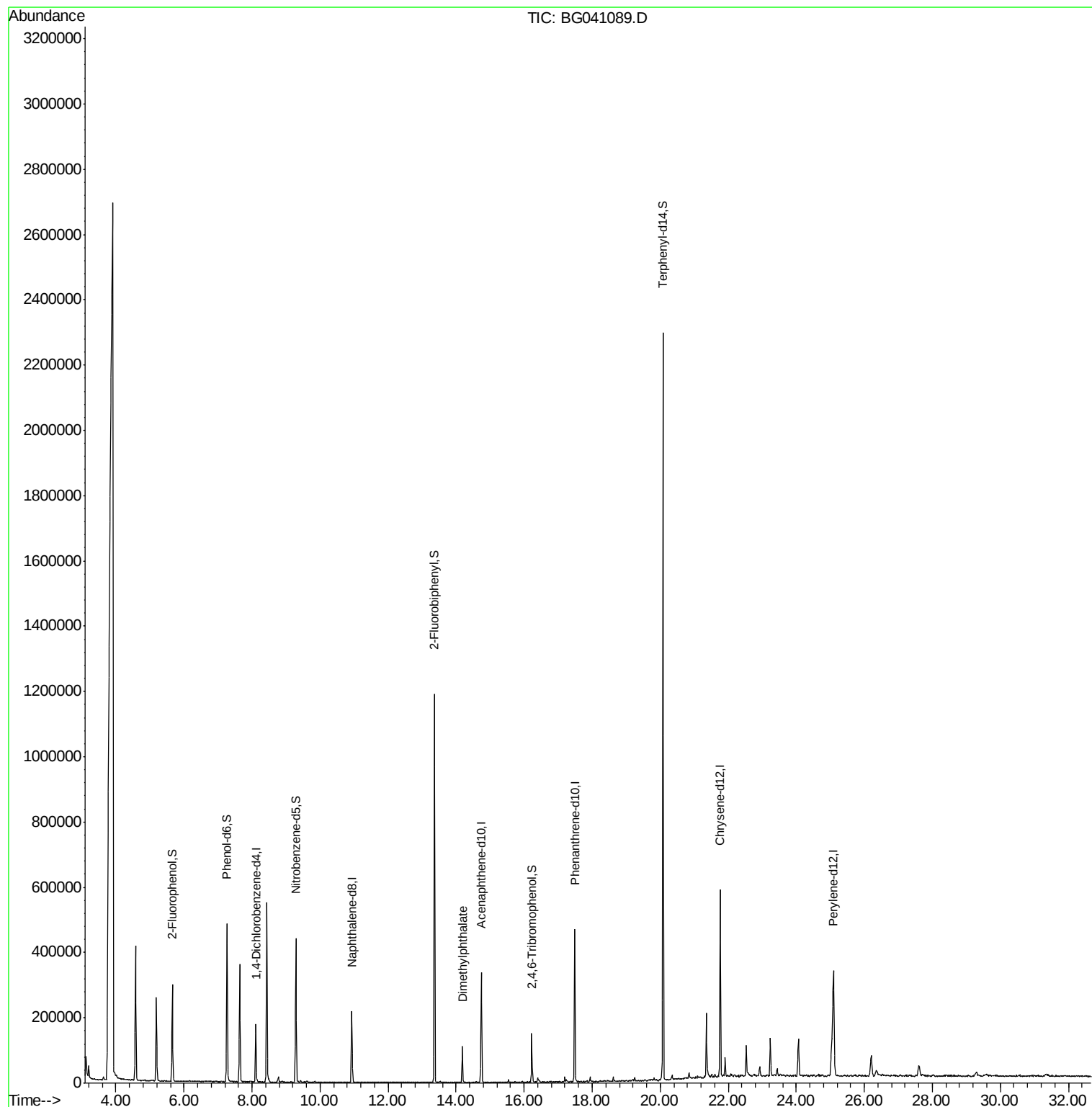
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46641	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	171870	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	116207	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	293738	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	342686	20.00	ng	-0.02
87) Perylene-d12	25.09	264	372625	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	119893	46.35	ng	0.00
7) Phenol-d6	7.26	99	286611	71.75	ng	0.00
23) Nitrobenzene-d5	9.29	82	266009	68.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	30741	17.82	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	577620	71.58	ng	-0.02
79) Terphenyl-d14	20.08	244	1100718	68.17	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.18	163	73988	7.521	ng	Qvalue 97

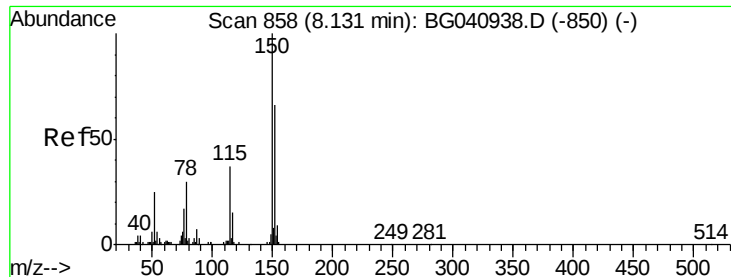
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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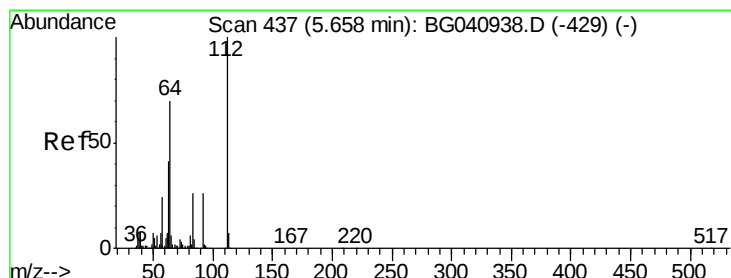
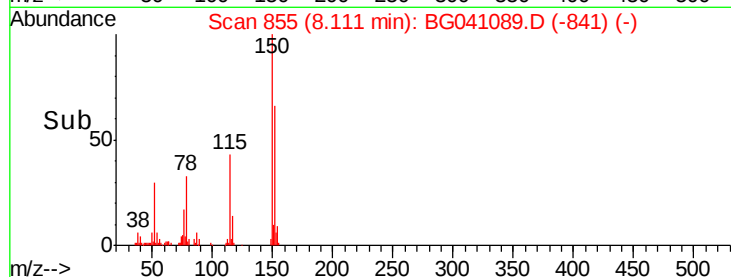
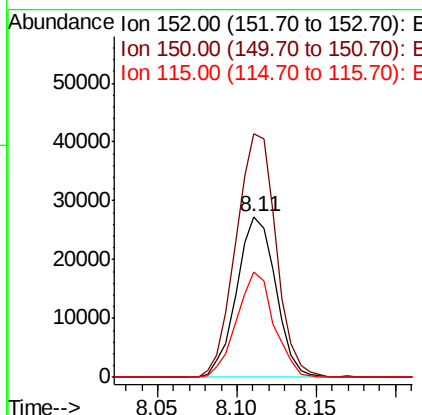
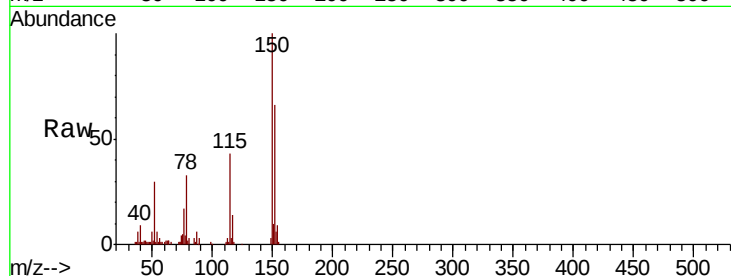


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

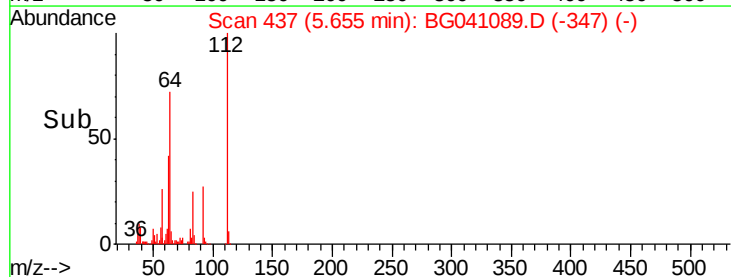
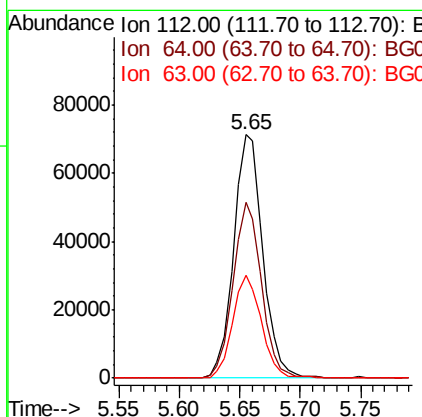
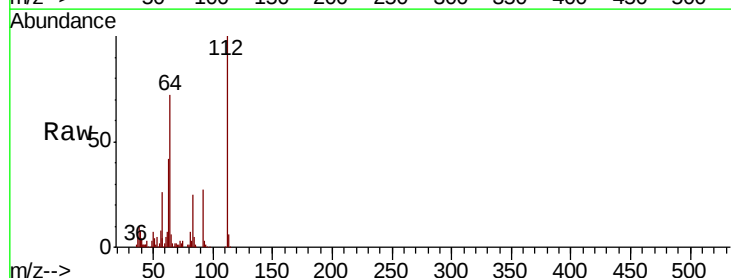
Tot Ion:152 Resp: 46641
Ion Ratio Lower Upper
152 100
150 151.3 120.6 180.8
115 65.3 45.1 67.7

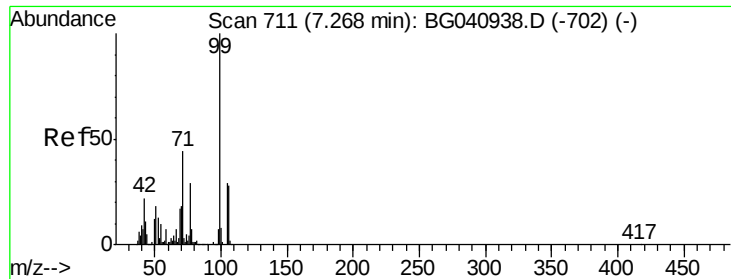


#5

2-Fluorophenol
Concen: 46.352 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:112 Resp: 119893
Ion Ratio Lower Upper
112 100
64 72.1 56.2 84.2
63 42.4 32.8 49.2





#7

Phenol-d6

Concen: 71.749 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041089.D

Acq: 6 Jun 2019 13:41

Instrument :

BNA_G

ClientSampleId :

NB-CONCRETE-1

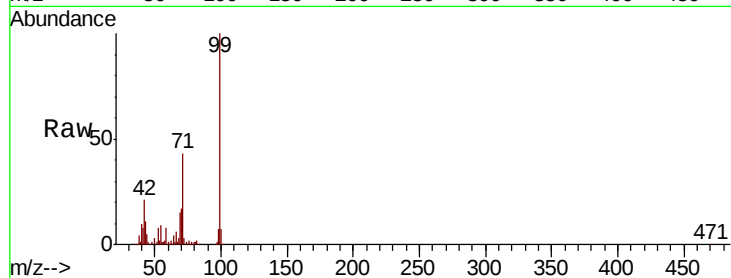
Tot Ion: 99 Resp: 286611

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

71 43.2 35.4 53.0

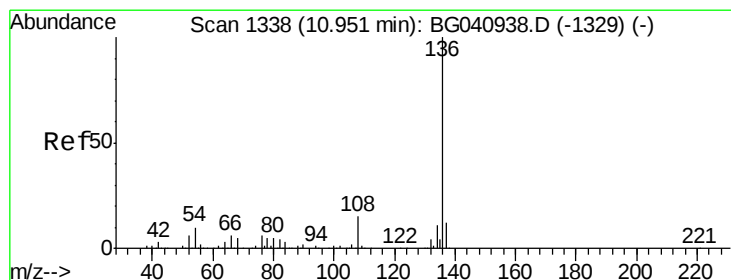
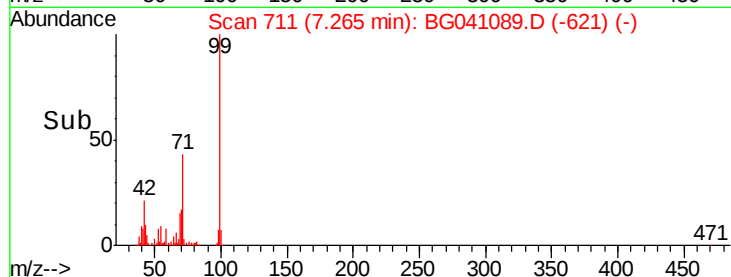
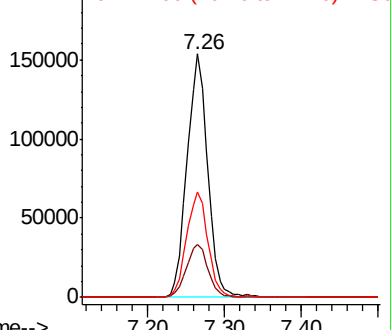


Abundance

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: BG041089.D

Acq: 6 Jun 2019 13:41

Tgt Ion: 136 Resp: 171870

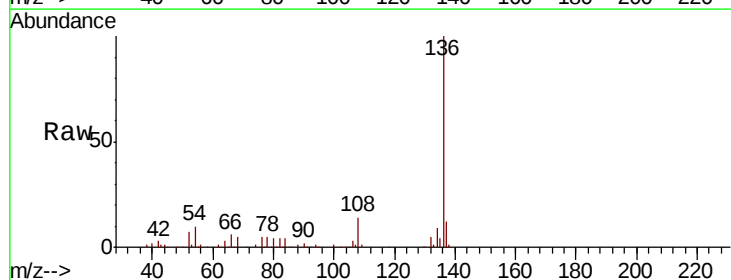
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 10.1 7.6 11.4

68 5.0 3.9 5.9



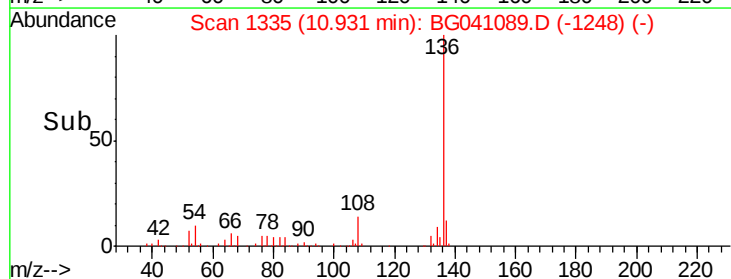
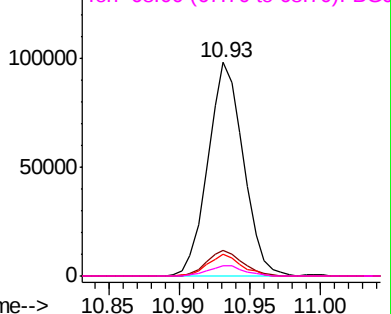
Abundance

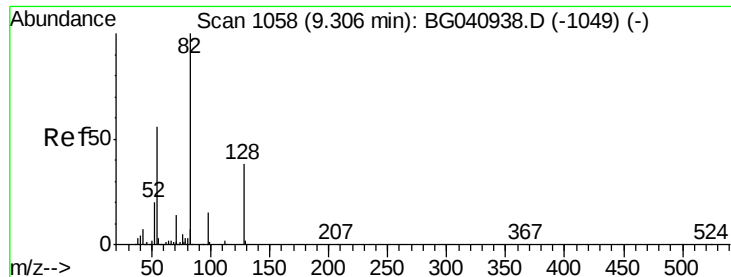
Ion 136.00 (135.70 to 136.70): BGC

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

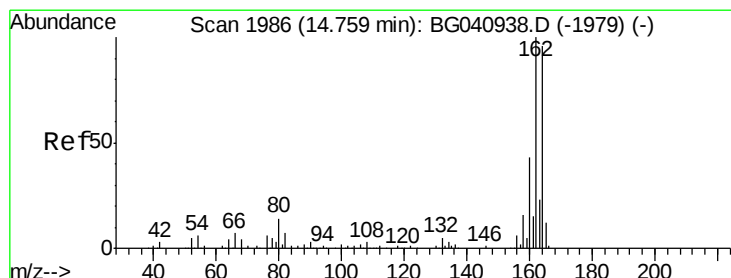
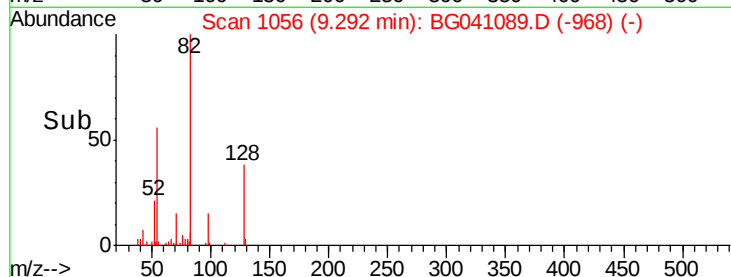
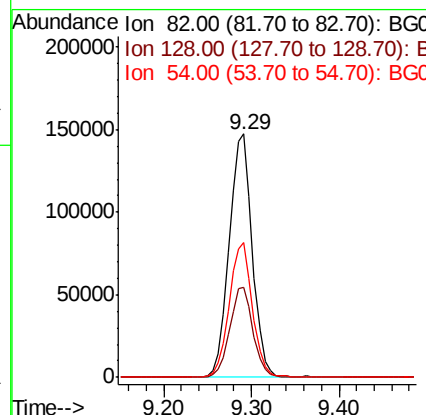
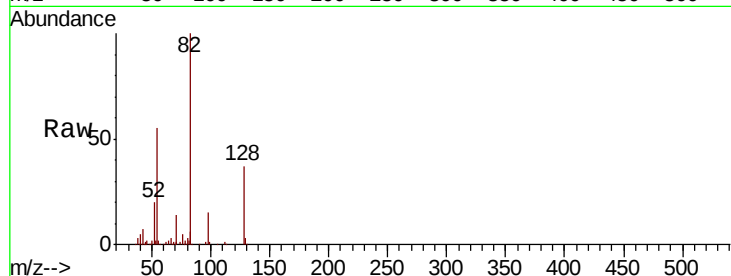




#23
Nitrobenzene-d5
Concen: 68.710 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

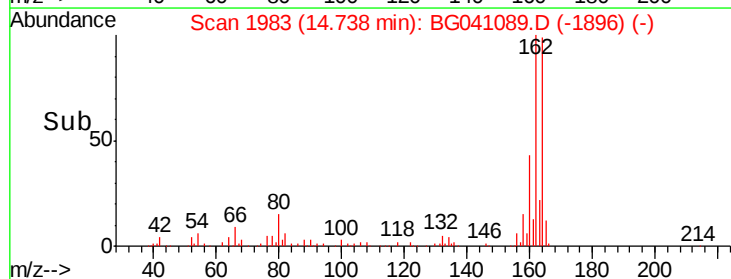
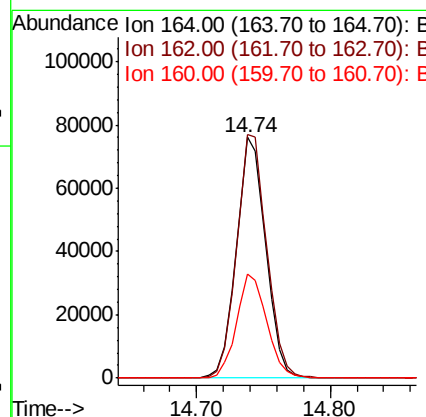
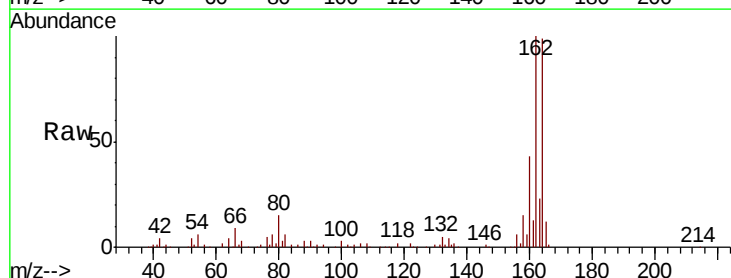
Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

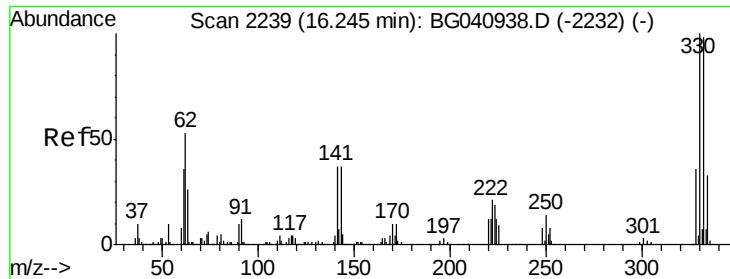
Tot Ion	82	Resp	266009
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.5	45.7
54	55.1	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion	164	Resp	116207
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.0	124.4
160	43.3	35.6	53.4

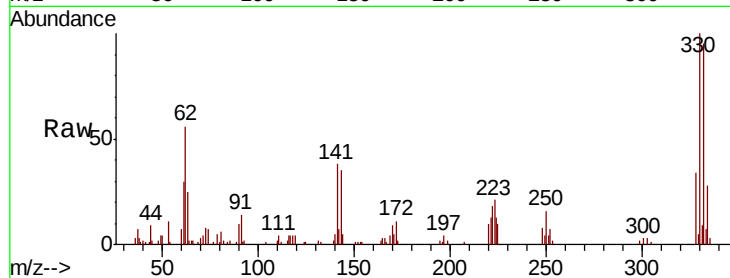




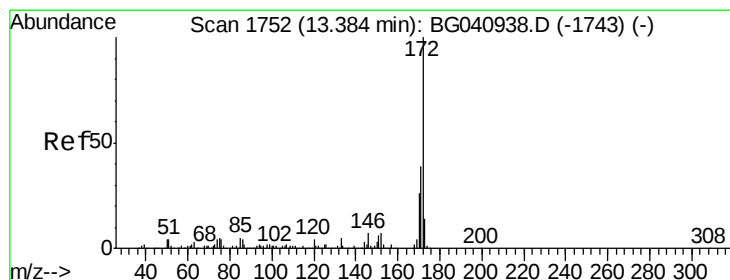
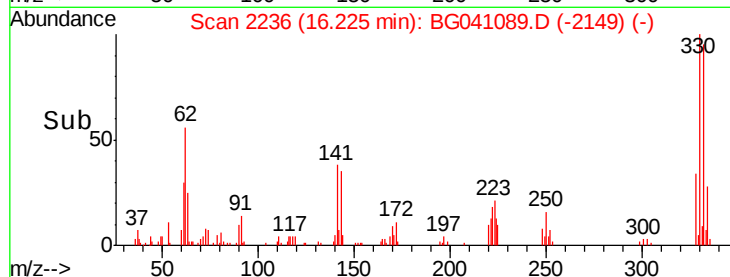
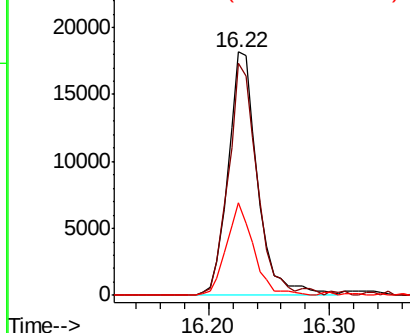
#42
 2,4,6-Tribromophenol
 Concen: 17.819 ng
 RT: 16.22 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BG041089.D
 Acq: 6 Jun 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 NB-CONCRETE-1

Tot Ion:330 Resp: 30741
 Ion Ratio Lower Upper
 330 100
 332 92.3 78.5 117.7
 141 35.2 28.7 43.1

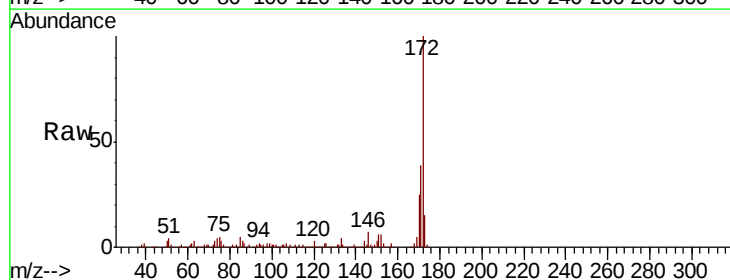


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

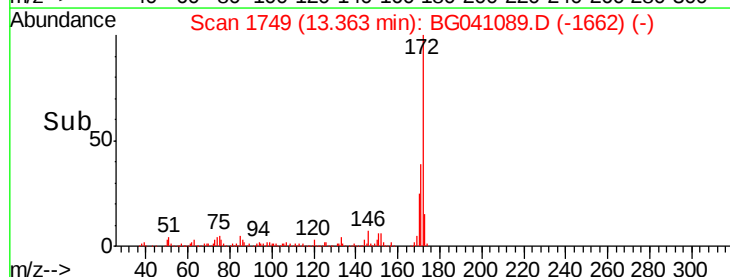
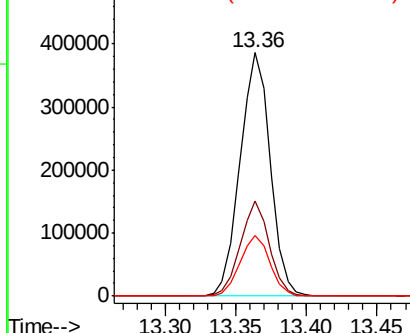


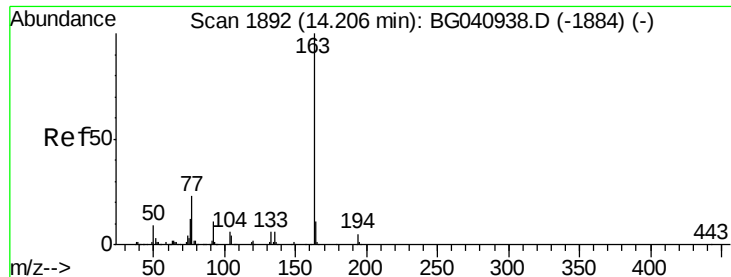
#45
 2-Fluorobiphenyl
 Concen: 71.582 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041089.D
 Acq: 6 Jun 2019 13:41

Tgt Ion:172 Resp: 577620
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.1 46.7
 170 24.8 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

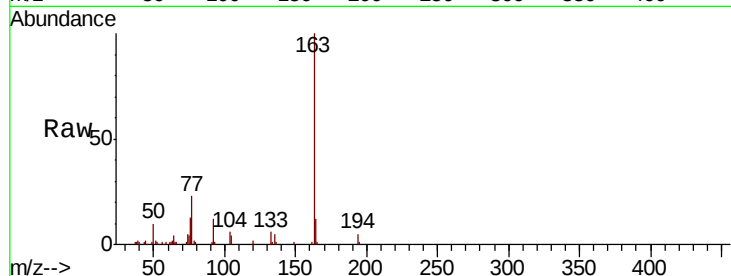




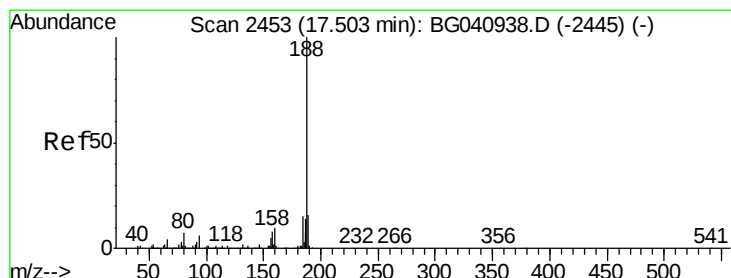
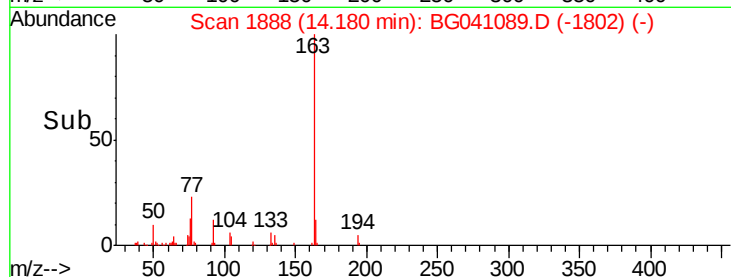
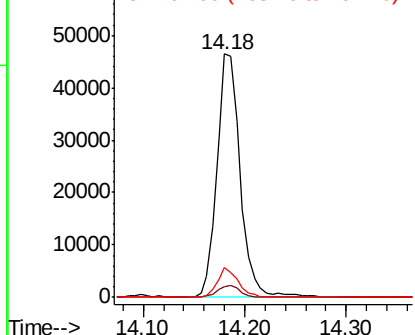
#50
Dimethylphthalate
Concen: 7.521 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.03 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tot Ion:163 Resp: 73988
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 12.5 8.7 13.1

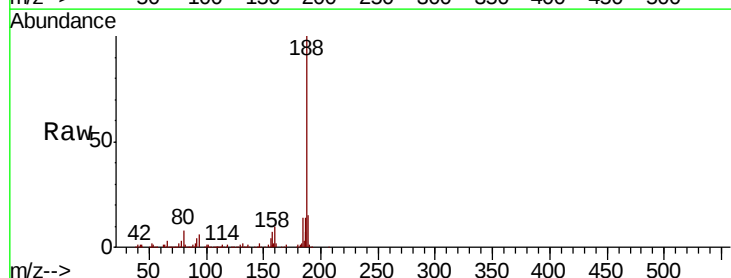


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

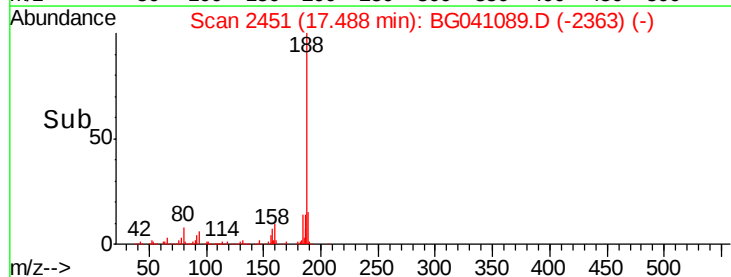
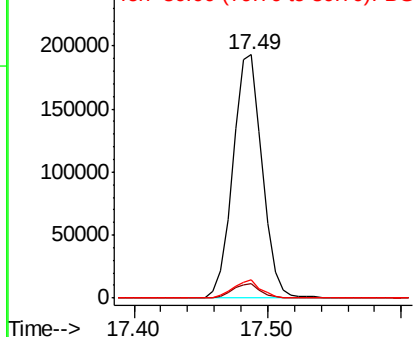


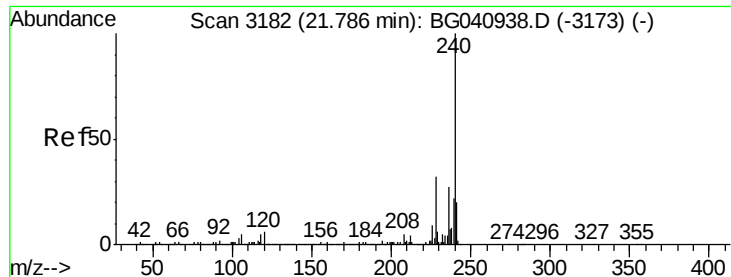
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:188 Resp: 293738
Ion Ratio Lower Upper
188 100
94 5.7 4.7 7.1
80 7.6 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: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041089.D

Acq: 6 Jun 2019 13:41

Instrument :

BNA_G

ClientSampleId :

NB-CONCRETE-1

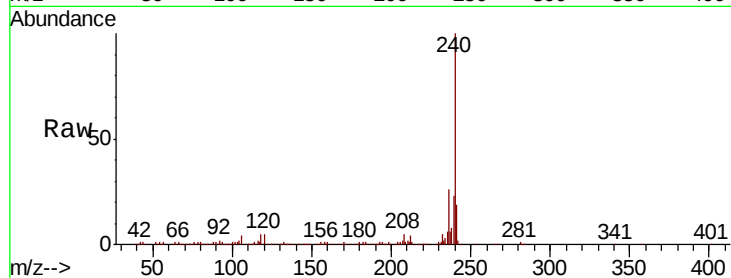
Tot Ion:240 Resp: 342686

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

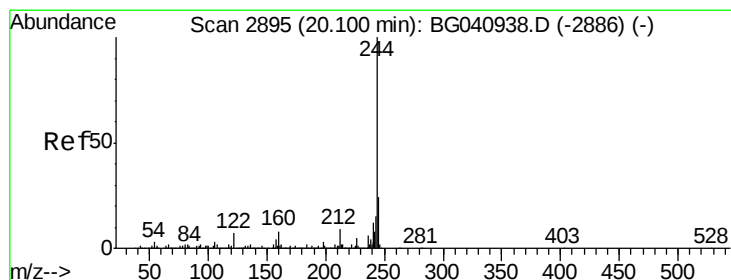
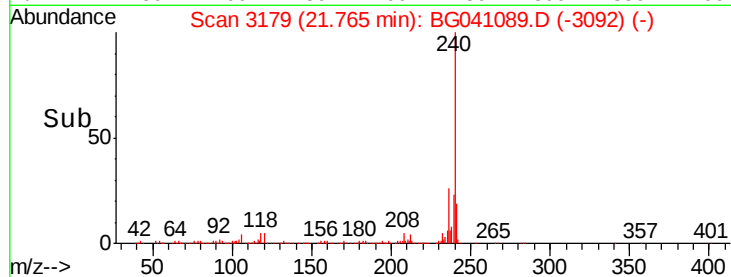
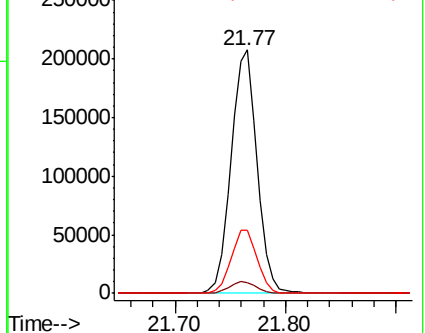
236 25.9 21.3 31.9



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: 68.170 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041089.D

Acq: 6 Jun 2019 13:41

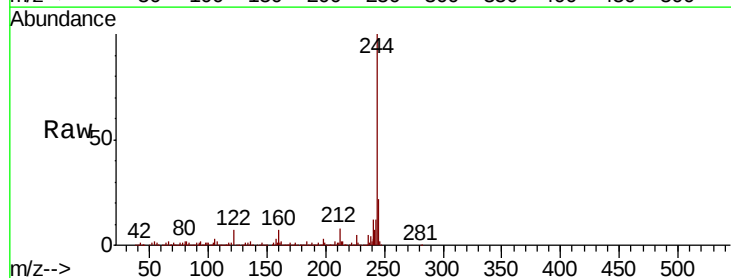
Tgt Ion:244 Resp: 1100718

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

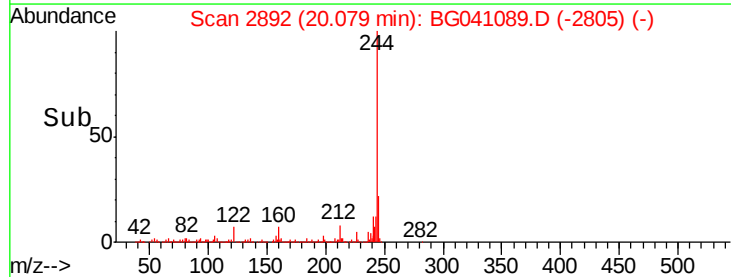
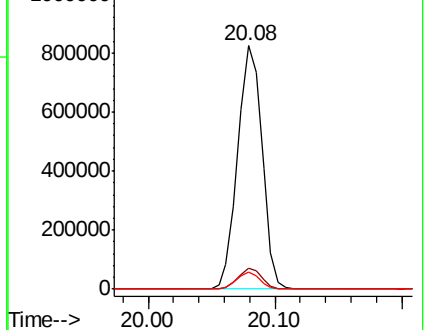
122 6.8 5.4 8.0

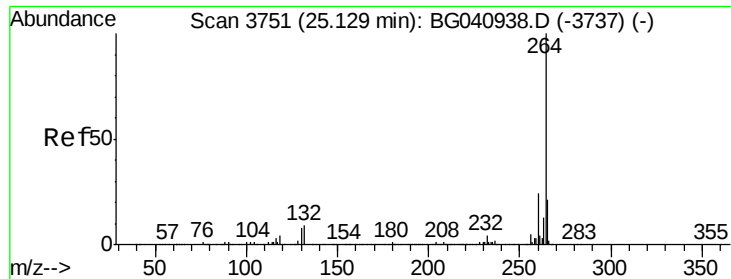


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.7	17.0	25.4

