

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040418.D
 Acq On : 10 Apr 2019 16:59
 Operator : JU/SJ
 Sample : K2344-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Apr 11 05:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

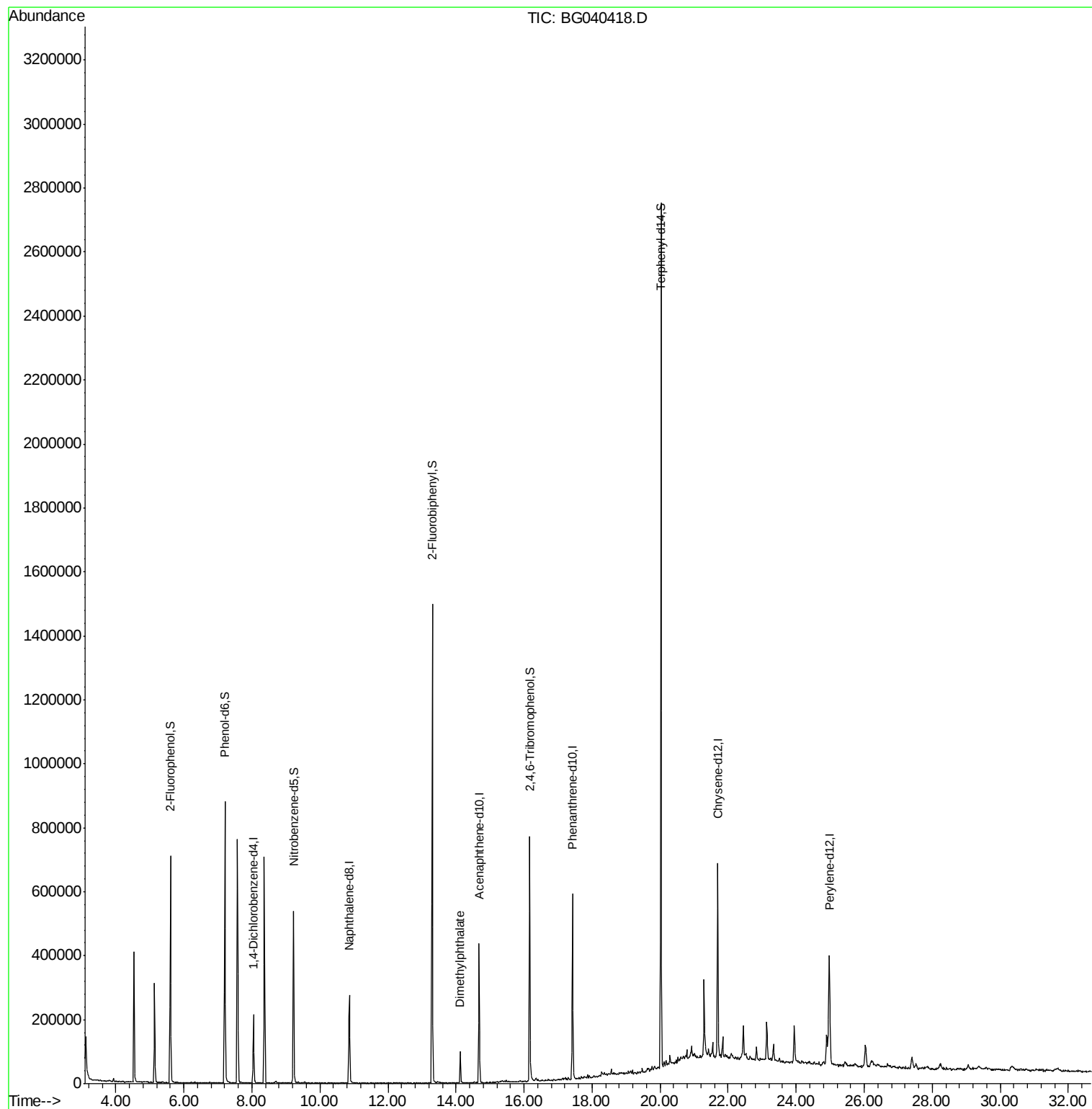
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	61285	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	247028	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	153467	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	376208	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	371556	20.00	ng	-0.04
87) Perylene-d12	24.97	264	369136	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	316949	85.98	ng	-0.01
7) Phenol-d6	7.20	99	526179	103.28	ng	-0.02
23) Nitrobenzene-d5	9.22	82	343990	74.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	147809	89.12	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	809338	78.14	ng	-0.02
79) Terphenyl-d14	20.02	244	1251677	75.79	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	71471	5.951	ng	Qvalue 99

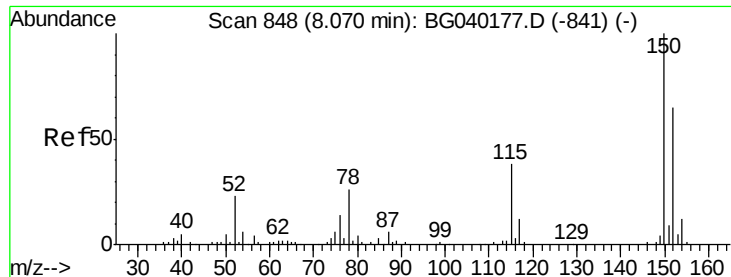
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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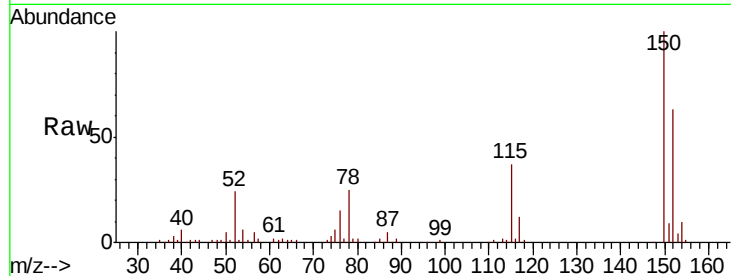


#1

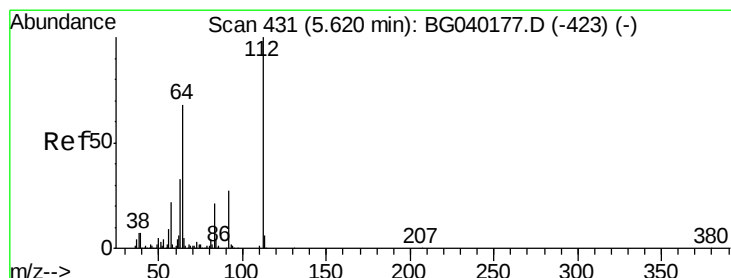
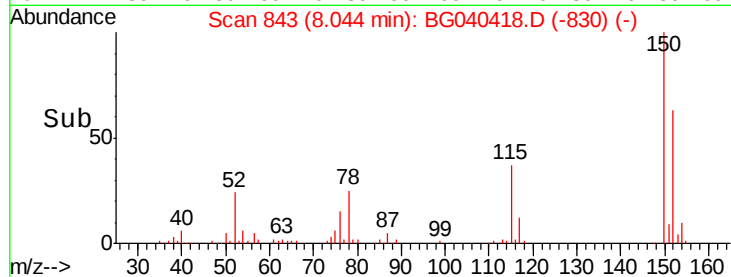
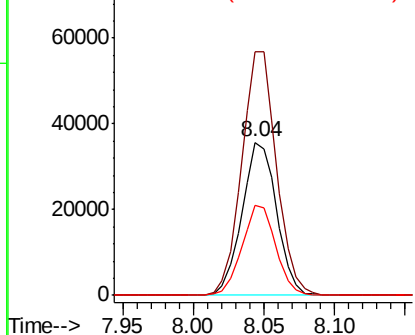
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	58.9	46.9	70.3



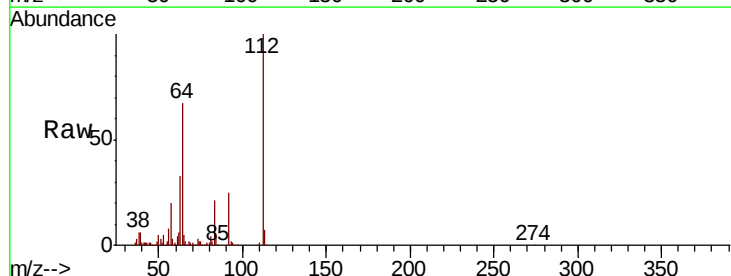
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



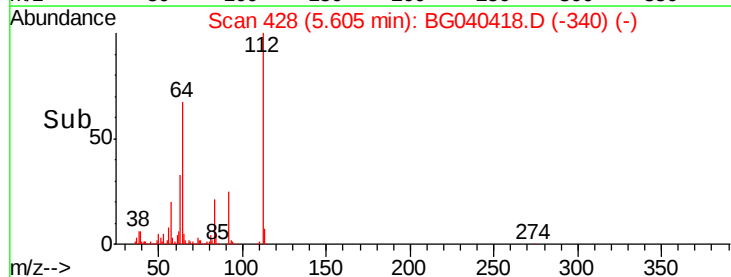
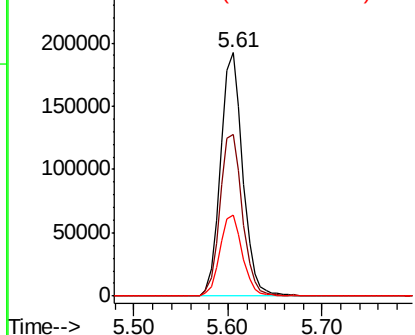
#5

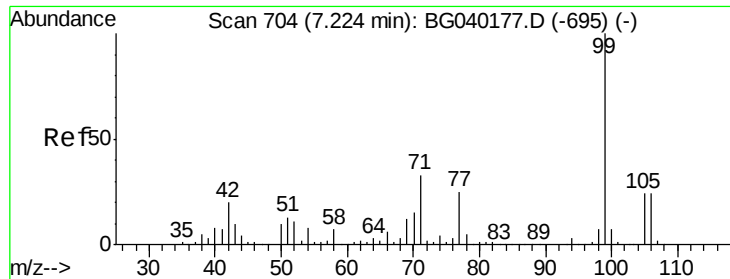
2-Fluorophenol
Concen: 85.975 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	54.2	81.2
63	33.1	26.4	39.6



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: 103.277 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040418.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_G

ClientSampleId :

CONCRETE

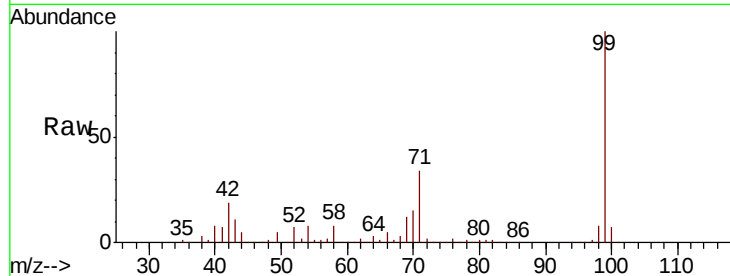
Tot Ion: 99 Resp: 526179

Ion Ratio Lower Upper

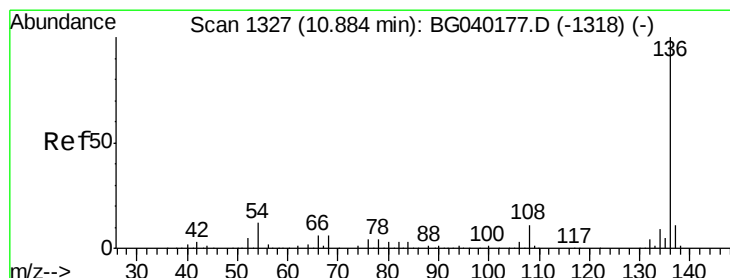
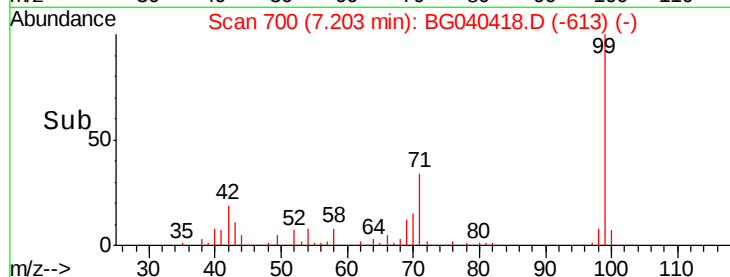
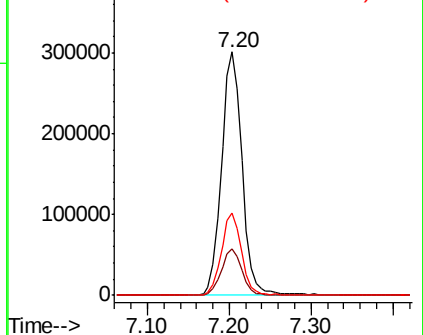
99 100

42 19.1 16.2 24.2

71 34.1 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040418.D

Acq: 10 Apr 2019 16:59

Tgt Ion: 136 Resp: 247028

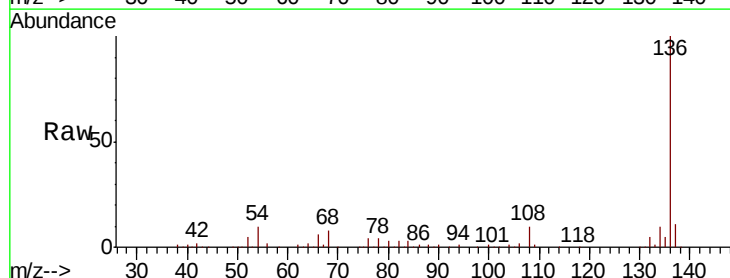
Ion Ratio Lower Upper

136 100

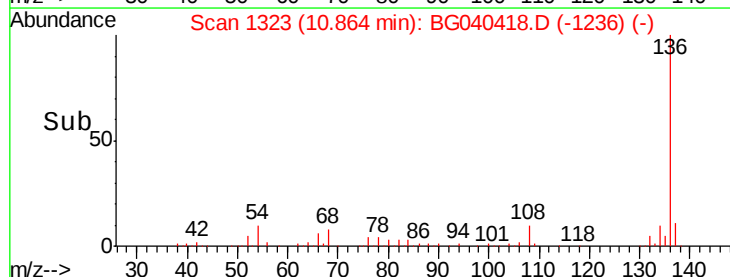
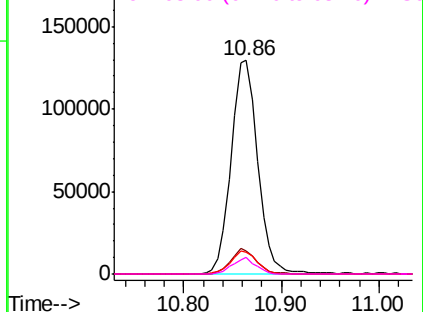
137 11.1 8.9 13.3

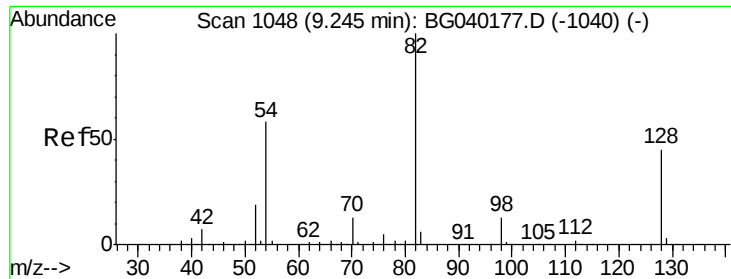
54 10.4 9.6 14.4

68 7.7 5.1 7.7#



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

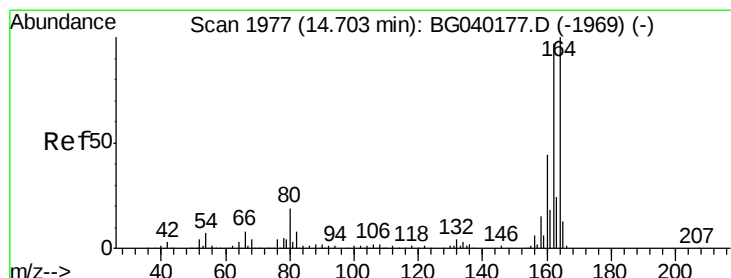
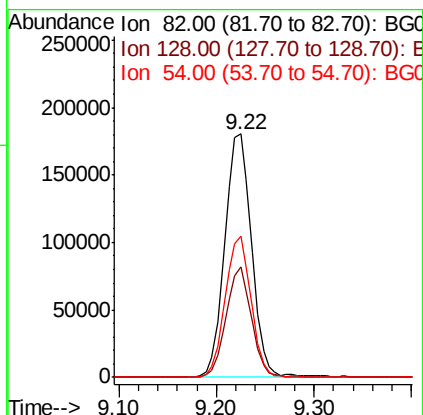
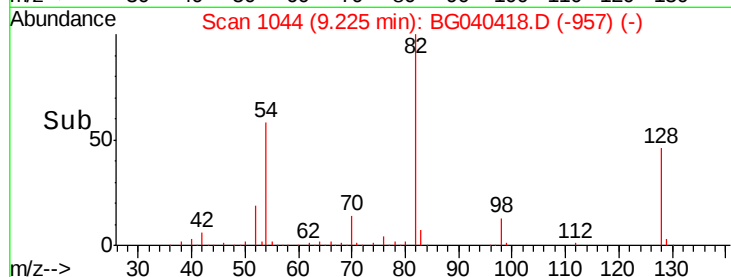
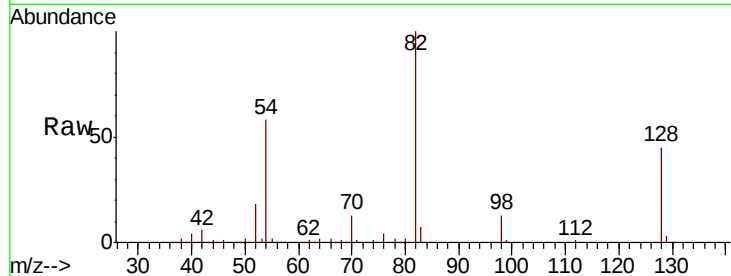




#23
Nitrobenzene-d5
Concen: 74.017 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

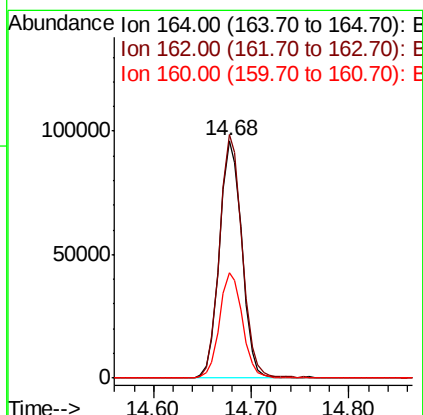
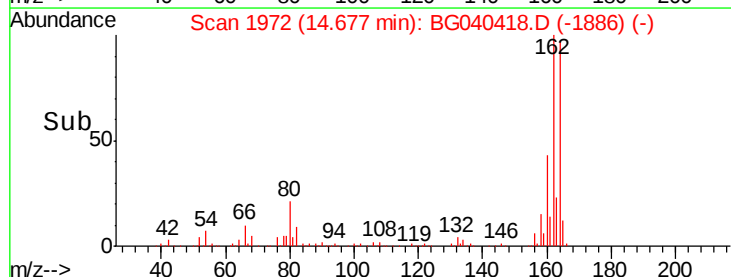
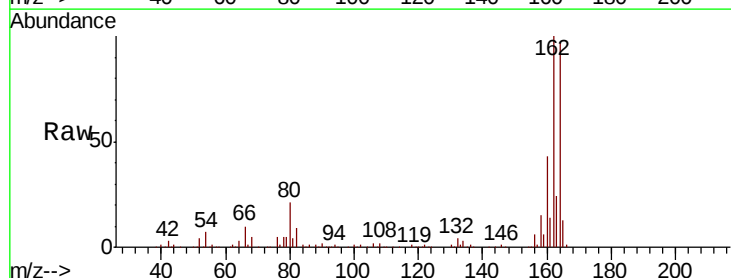
Instrument :
BNA_G
ClientSampleId :
CONCRETE

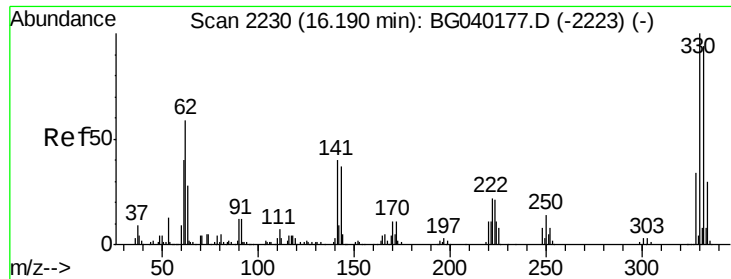
Tot Ion: 82 Resp: 343990
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.8
54 57.9 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

Tgt Ion:164 Resp: 153467
Ion Ratio Lower Upper
164 100
162 102.6 77.4 116.2
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 89.118 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040418.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_G

ClientSampleId :

CONCRETE

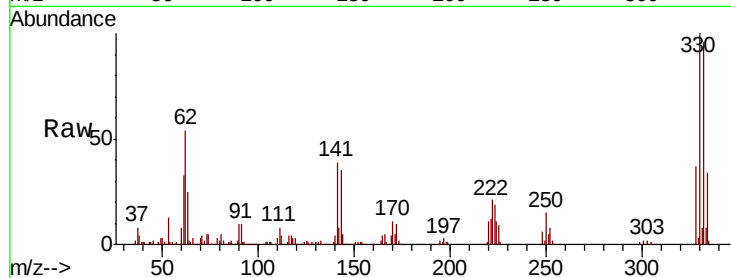
Tot Ion:330 Resp: 147809

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

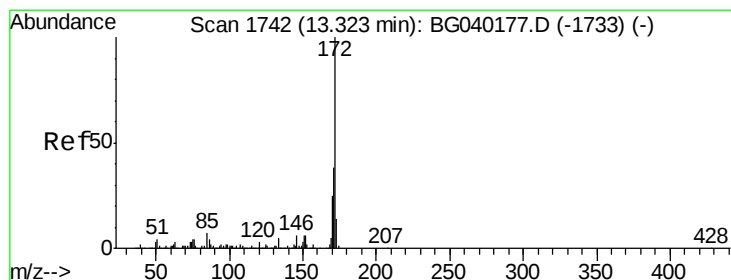
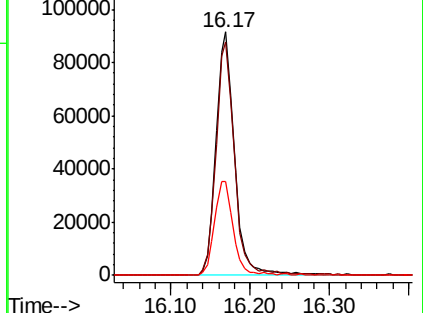
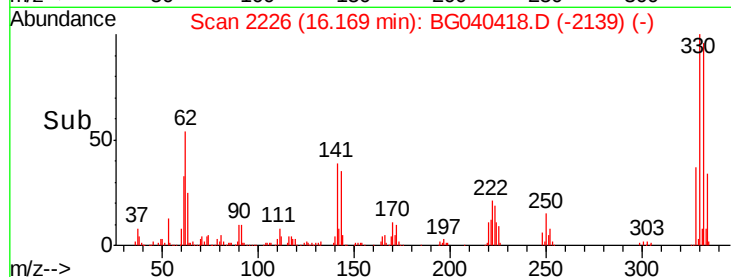
141 39.0 32.6 48.8



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: 78.144 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040418.D

Acq: 10 Apr 2019 16:59

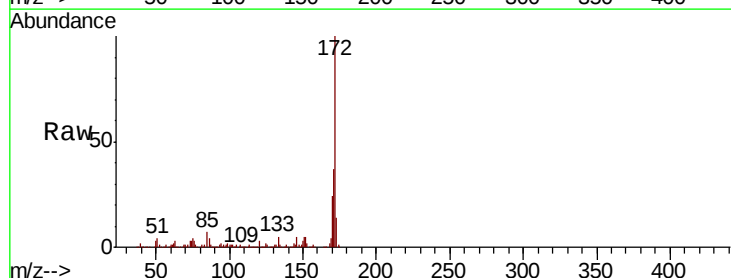
Tgt Ion:172 Resp: 809338

Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

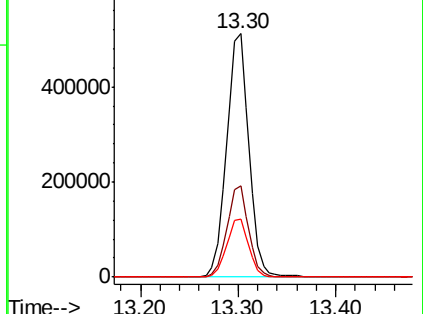
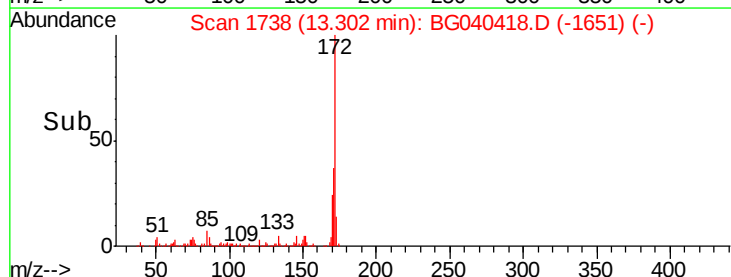
170 24.1 20.1 30.1

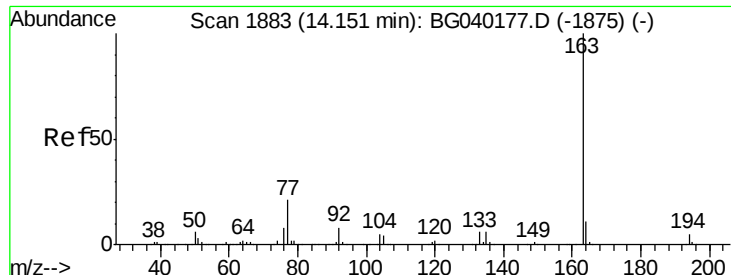


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

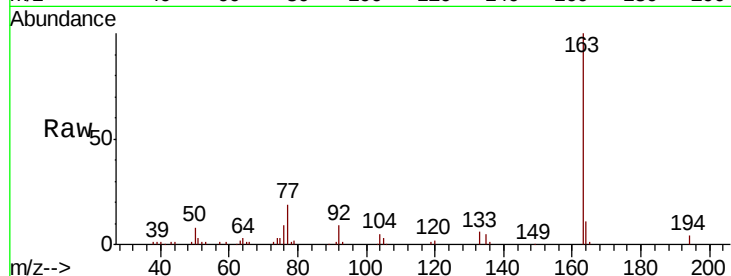




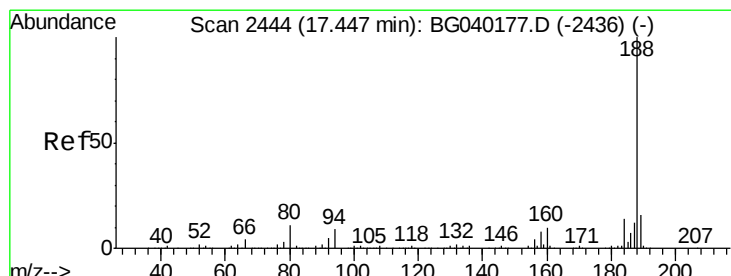
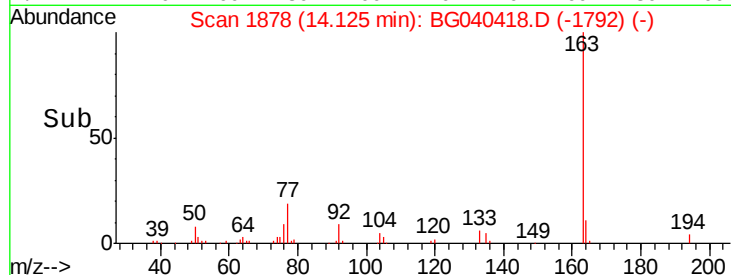
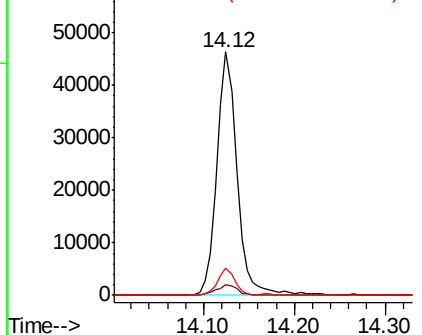
#50
Dimethylphthalate
Concen: 5.951 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:163 Resp: 71471
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 11.1 8.6 13.0

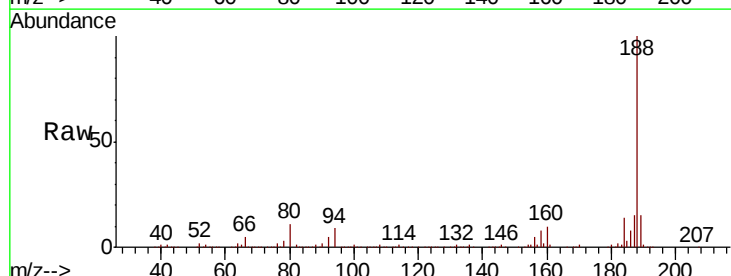


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

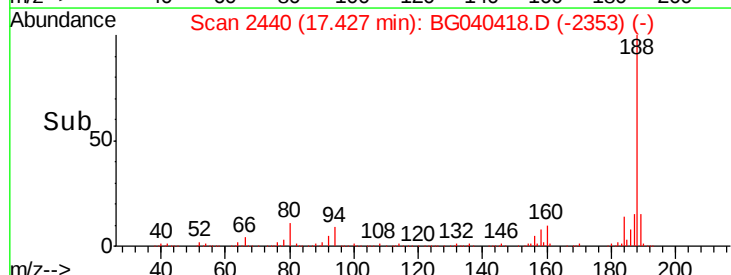
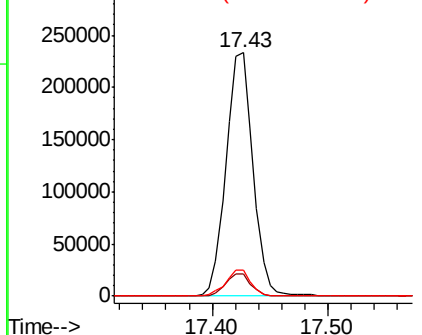


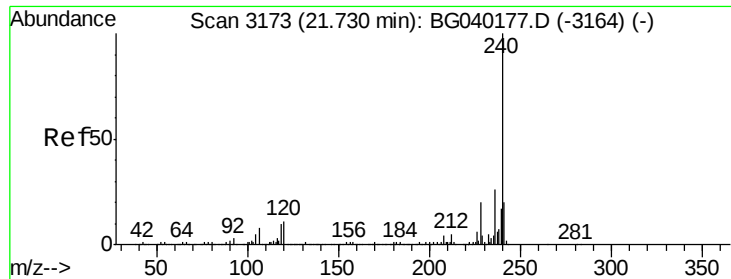
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

Tgt Ion:188 Resp: 376208
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040418.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_G

ClientSampled :

CONCRETE

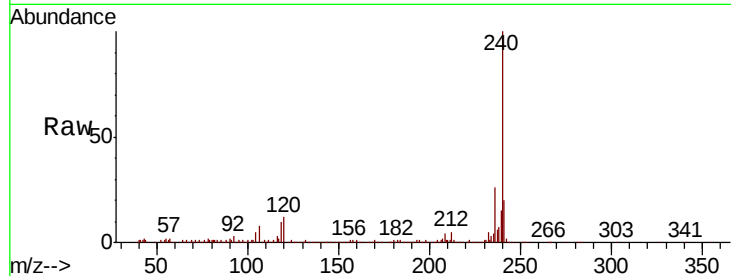
Tot Ion:240 Resp: 371556

Ion Ratio Lower Upper

240 100

120 11.6 8.4 12.6

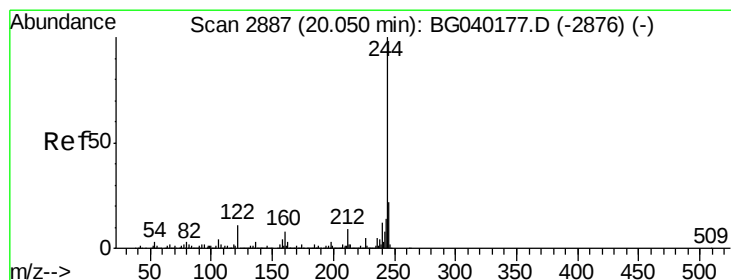
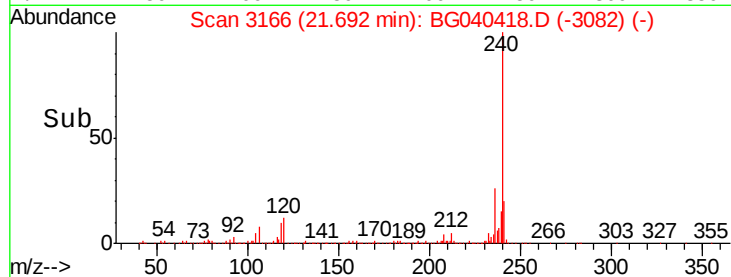
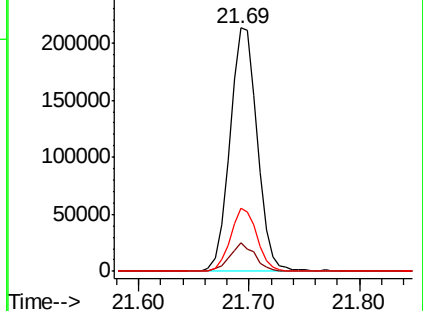
236 26.0 20.8 31.2



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: 75.785 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040418.D

Acq: 10 Apr 2019 16:59

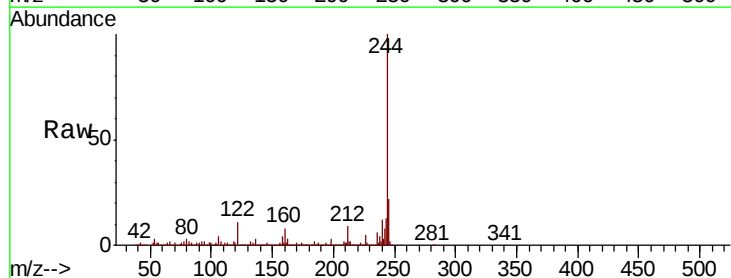
Tgt Ion:244 Resp: 1251677

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

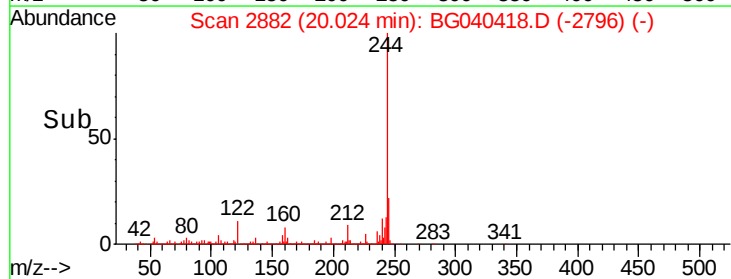
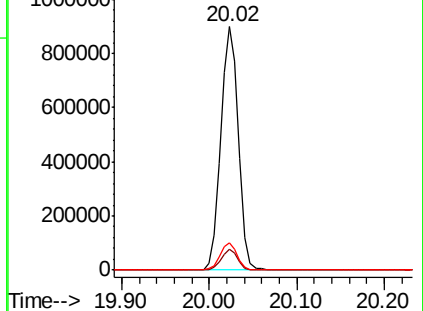
122 11.1 8.5 12.7

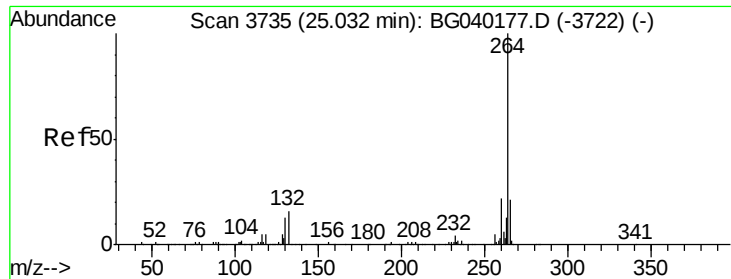


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040418.D
Acq: 10 Apr 2019 16:59

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	21.5	16.8	25.2

