

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040298.D
 Acq On : 2 Apr 2019 13:48
 Operator : JU/SJ
 Sample : K2205-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-B

Quant Time: Apr 02 15:13:35 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

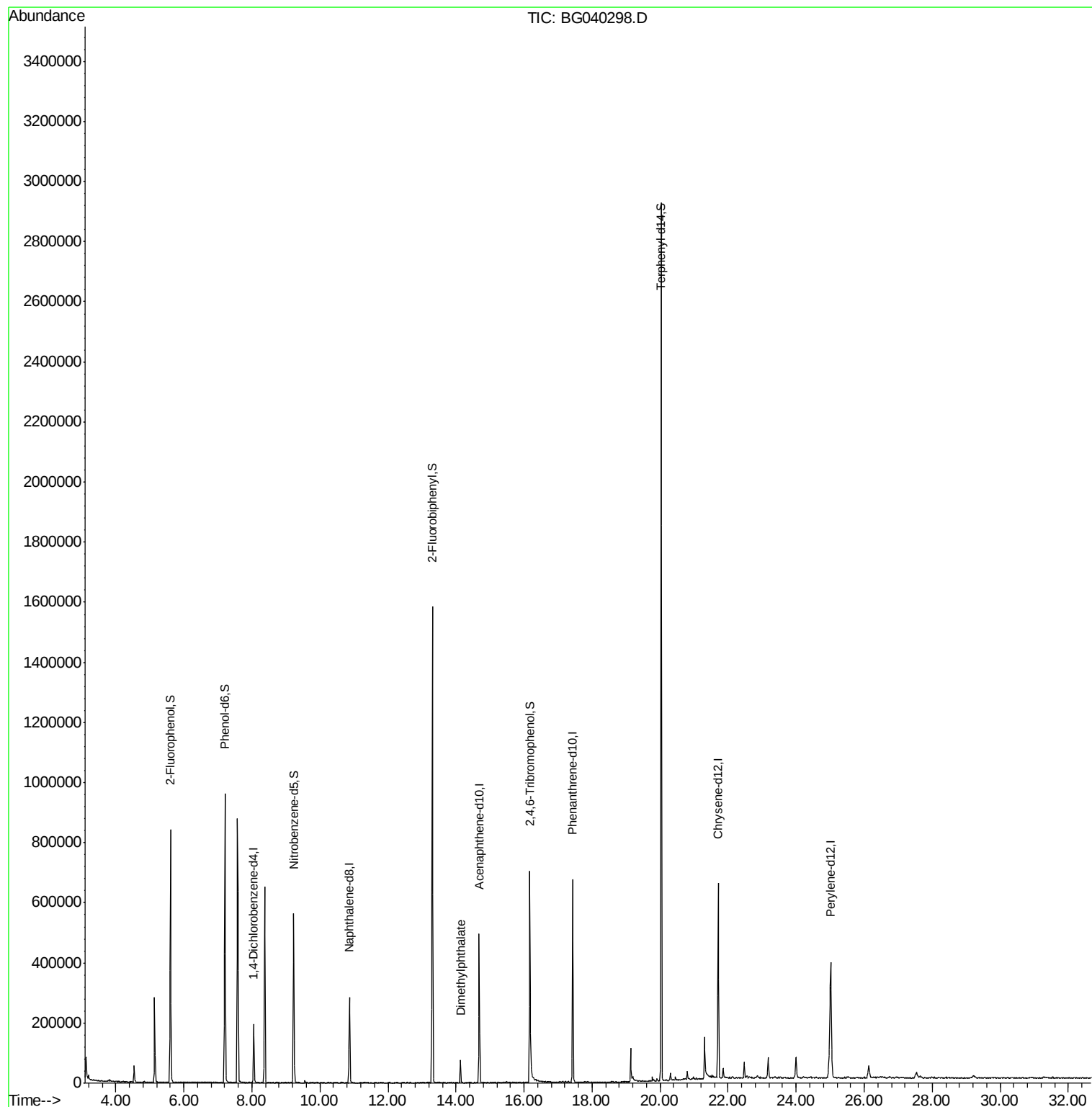
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56859	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	247060	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	174515	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	428535	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	418178	20.00	ng	-0.02
87) Perylene-d12	25.02	264	419289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	373675	109.25	ng	-0.01
7) Phenol-d6	7.21	99	591148	125.06	ng	-0.02
23) Nitrobenzene-d5	9.23	82	341592	73.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	155854	82.64	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	897936	76.24	ng	-0.02
79) Terphenyl-d14	20.03	244	1392816	74.93	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	54172	3.966	ng	Qvalue 96

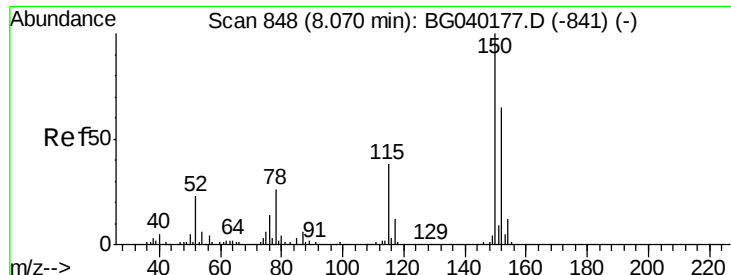
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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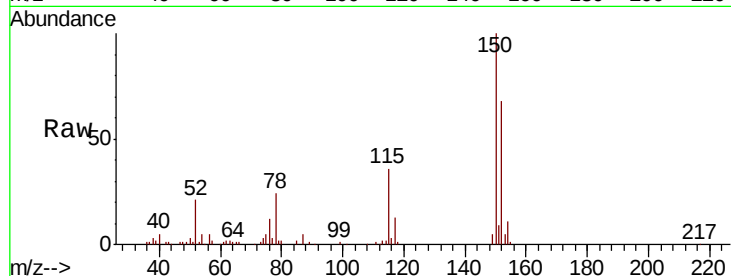


#1

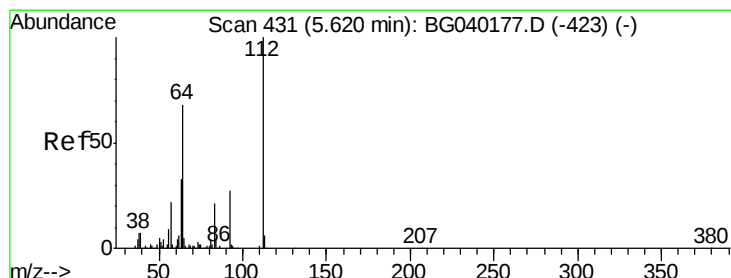
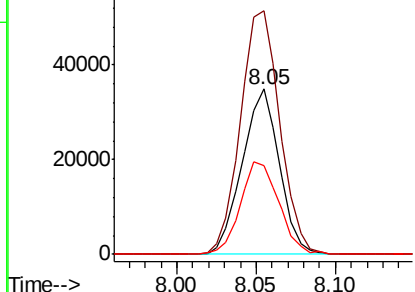
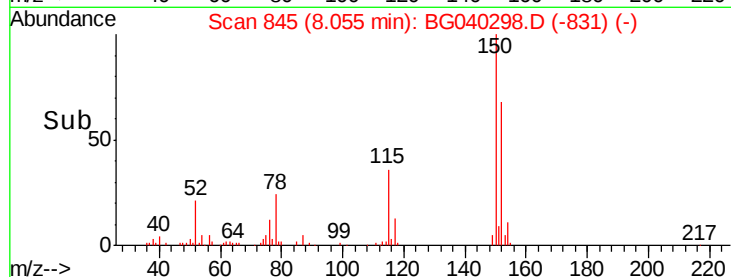
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion:152 Resp: 56859
Ion Ratio Lower Upper
152 100
150 147.6 123.7 185.5
115 53.5 46.9 70.3



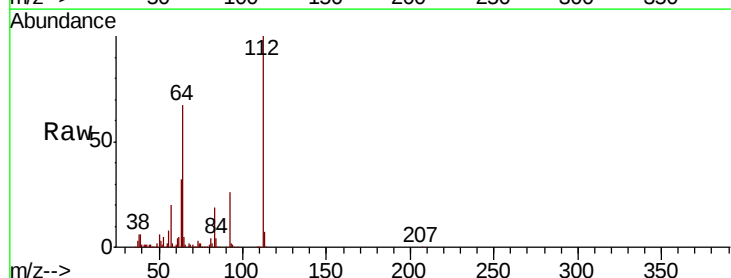
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



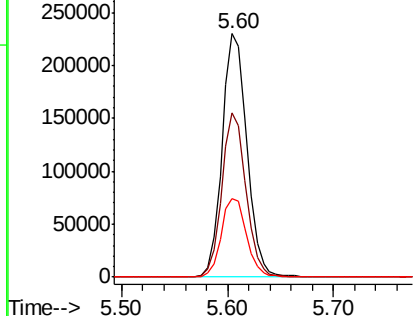
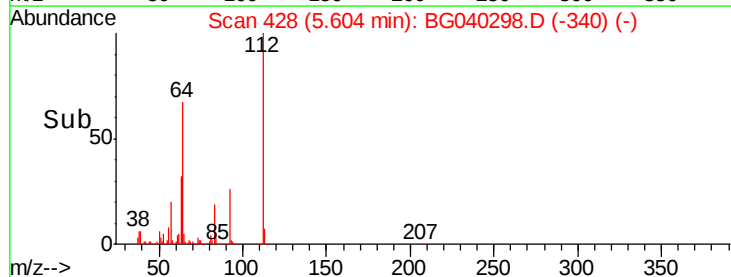
#5

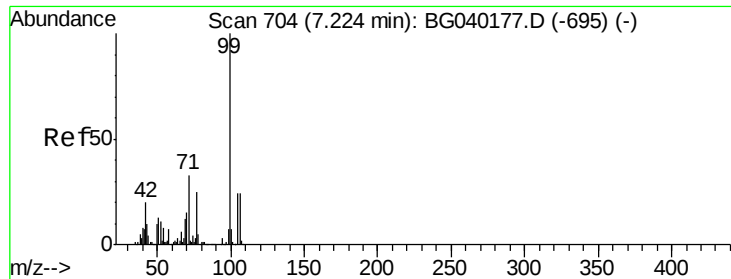
2-Fluorophenol
Concen: 109.253 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:112 Resp: 373675
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.2
63 32.2 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: 125.061 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040298.D

Acq: 2 Apr 2019 13:48

Instrument :

BNA_G

ClientSampleId :

CONCRETE-B

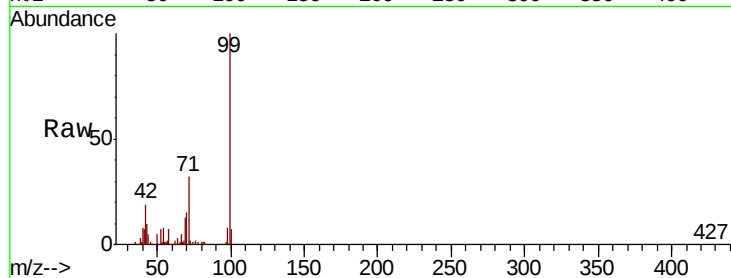
Tgt Ion: 99 Resp: 591148

Ion Ratio Lower Upper

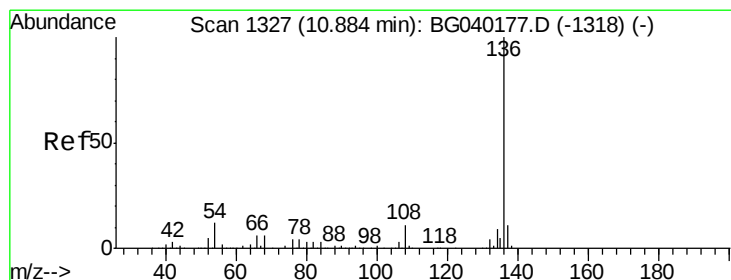
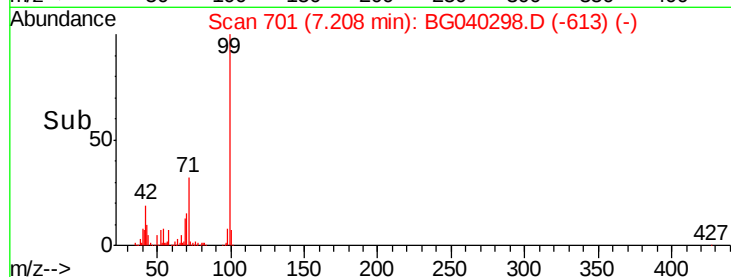
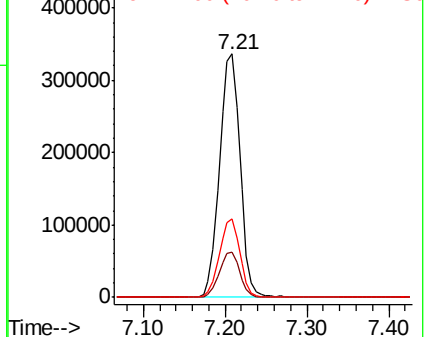
99 100

42 18.5 16.2 24.2

71 32.3 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040298.D

Acq: 2 Apr 2019 13:48

Tgt Ion: 136 Resp: 247060

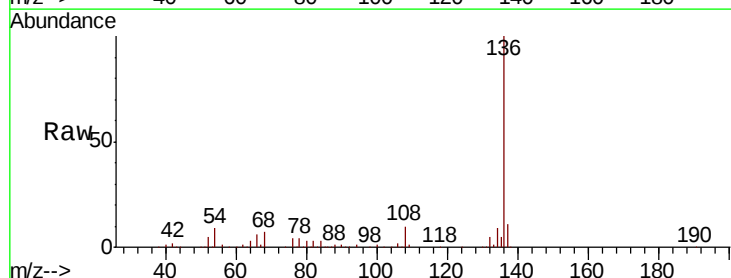
Ion Ratio Lower Upper

136 100

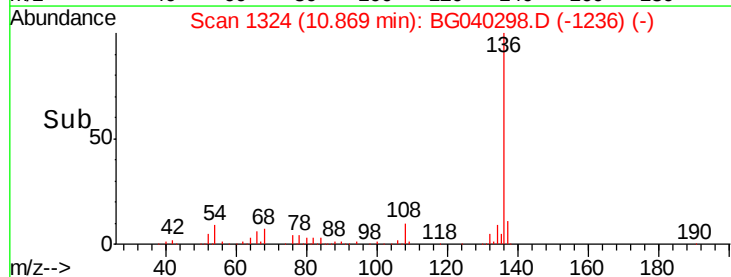
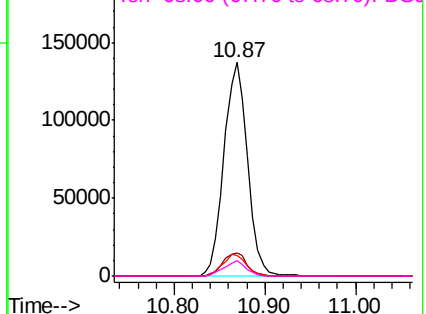
137 10.9 8.9 13.3

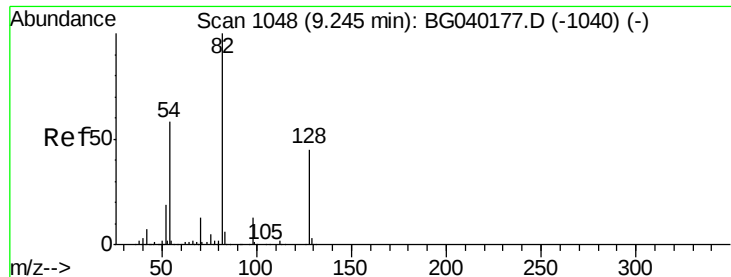
54 9.4 9.6 14.4#

68 7.1 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

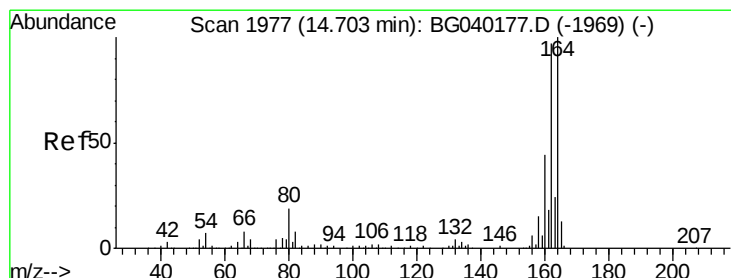
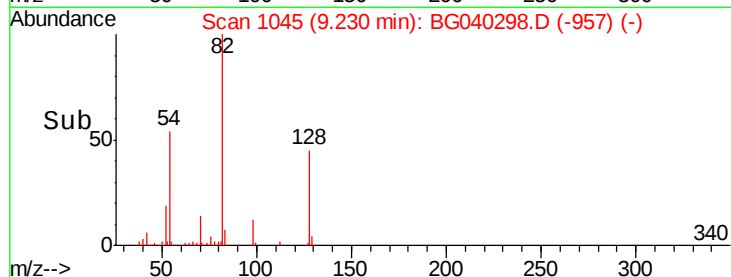
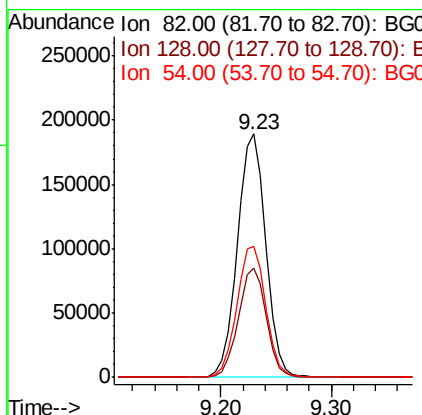
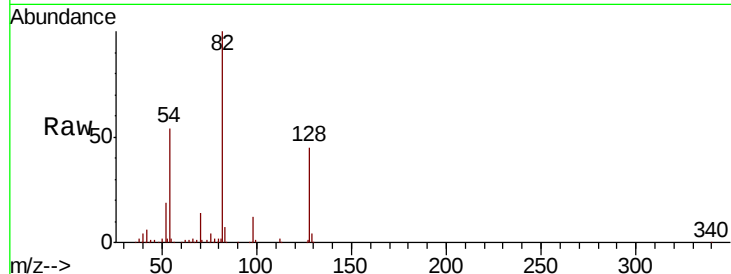




#23
 Nitrobenzene-d5
 Concen: 73.491 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040298.D
 Acq: 2 Apr 2019 13:48

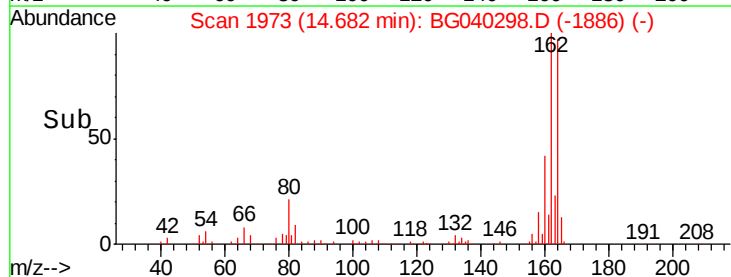
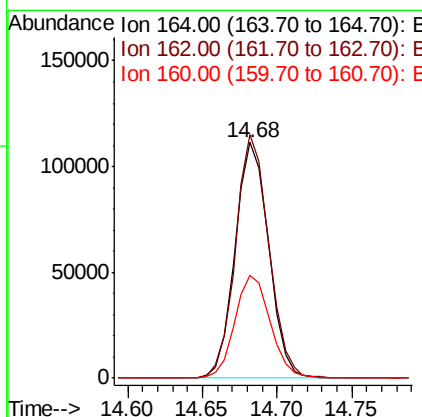
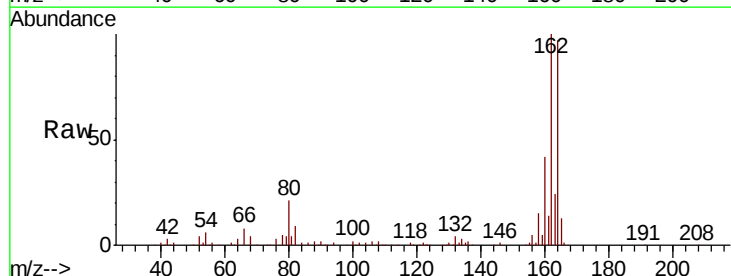
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-B

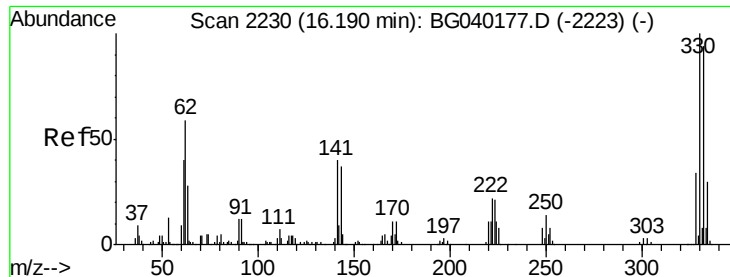
Tgt Ion: 82 Resp: 341592
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.8 53.8
 54 53.5 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040298.D
 Acq: 2 Apr 2019 13:48

Tgt Ion: 164 Resp: 174515
 Ion Ratio Lower Upper
 164 100
 162 103.3 77.4 116.2
 160 43.6 35.3 52.9

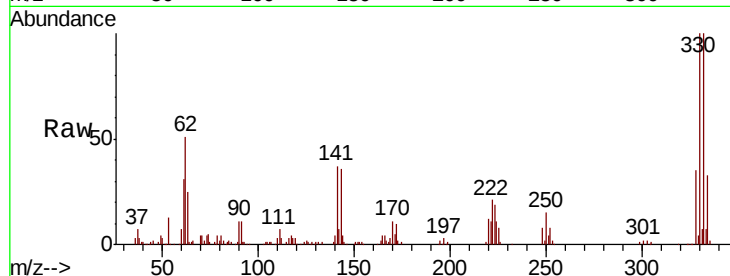




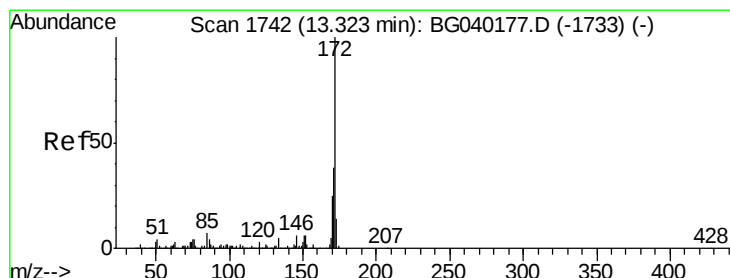
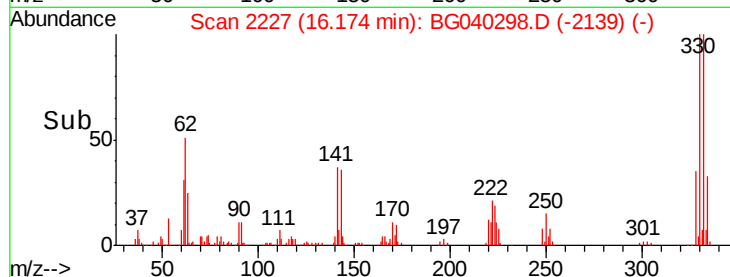
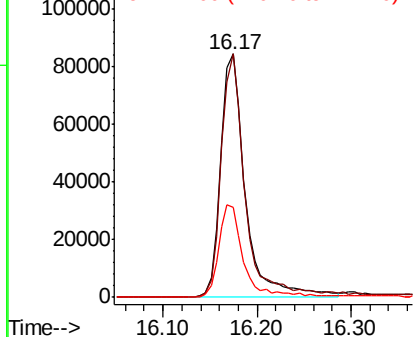
#42
 2,4,6-Tribromophenol
 Concen: 82.635 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040298.D
 Acq: 2 Apr 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-B

Tgt Ion:330 Resp: 155854
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.1 32.6 48.8

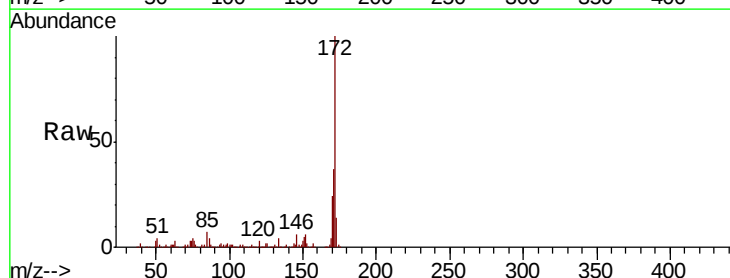


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

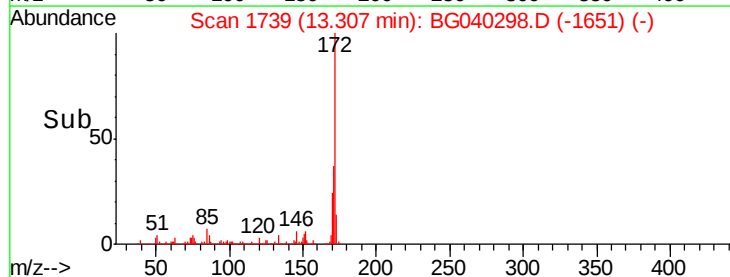
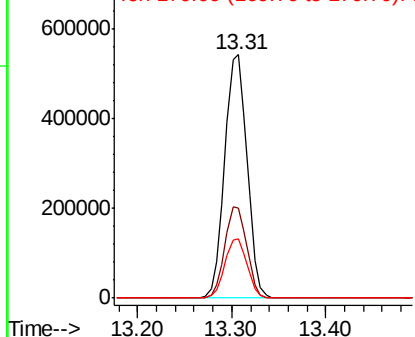


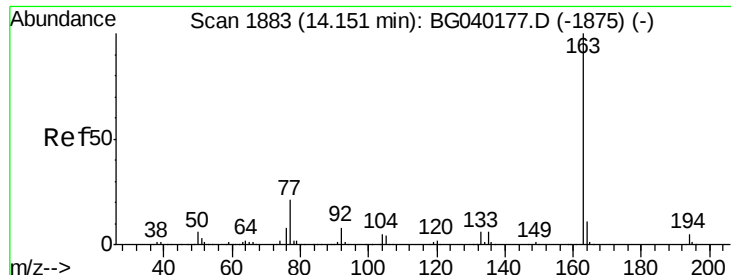
#45
 2-Fluorobiphenyl
 Concen: 76.241 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040298.D
 Acq: 2 Apr 2019 13:48

Tgt Ion:172 Resp: 897936
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 24.5 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: 3.966 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040298.D

Acq: 2 Apr 2019 13:48

Instrument :

BNA_G

ClientSampleId :

CONCRETE-B

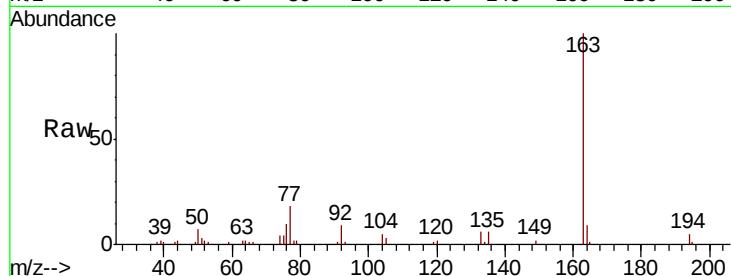
Tgt Ion:163 Resp: 54172

Ion Ratio Lower Upper

163 100

194 6.0 4.1 6.1

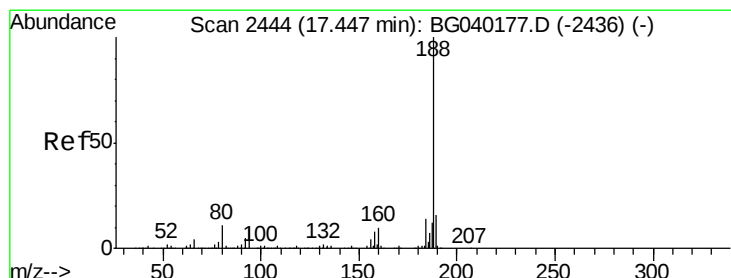
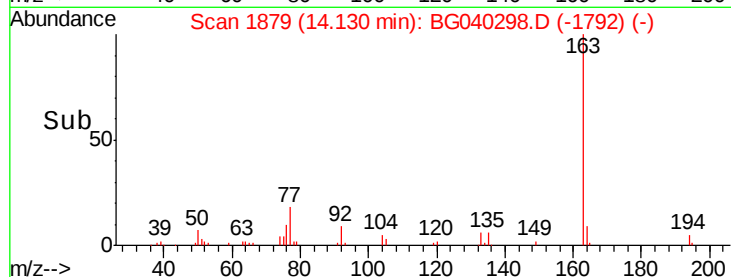
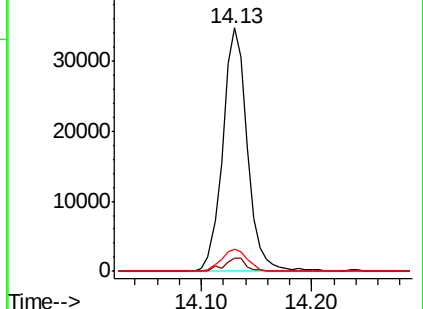
164 9.1 8.6 13.0



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: BG040298.D

Acq: 2 Apr 2019 13:48

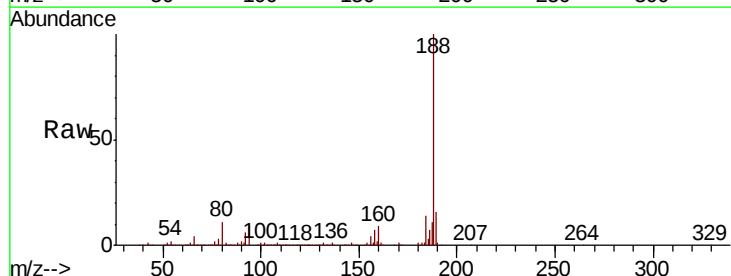
Tgt Ion:188 Resp: 428535

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

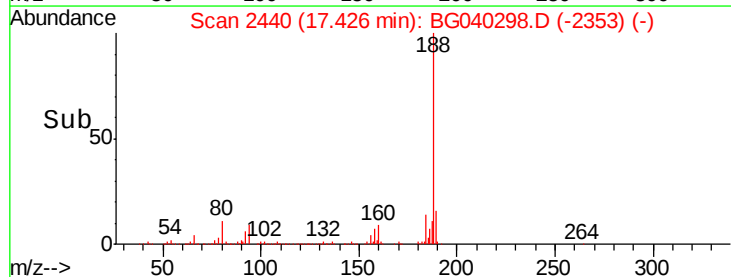
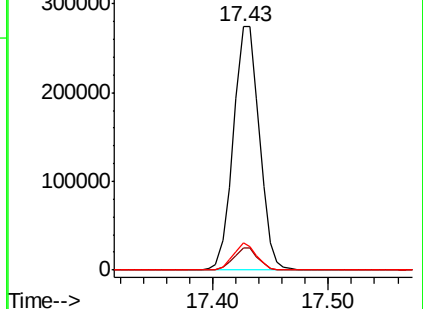
80 11.3 8.6 13.0

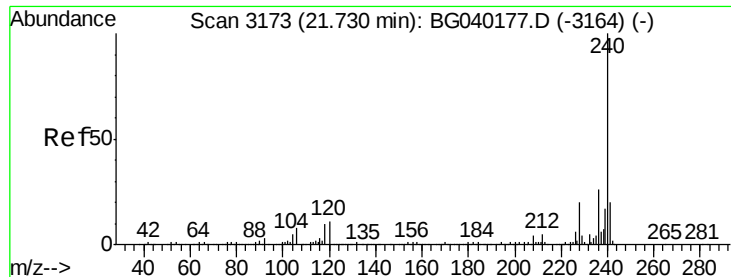


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040298.D

Acq: 2 Apr 2019 13:48

Instrument :

BNA_G

ClientSampleId :

CONCRETE-B

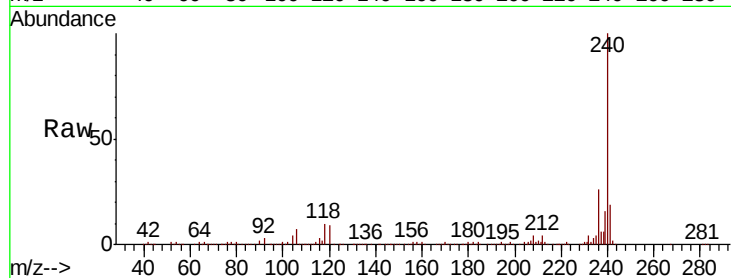
Tgt Ion:240 Resp: 418178

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

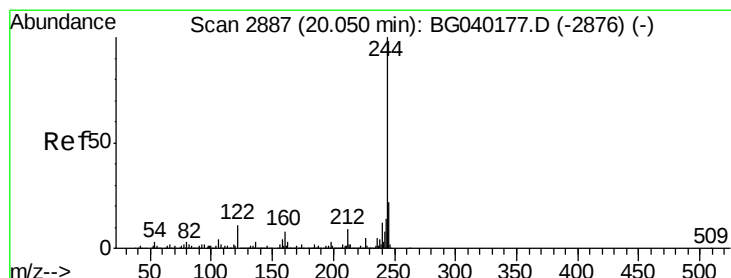
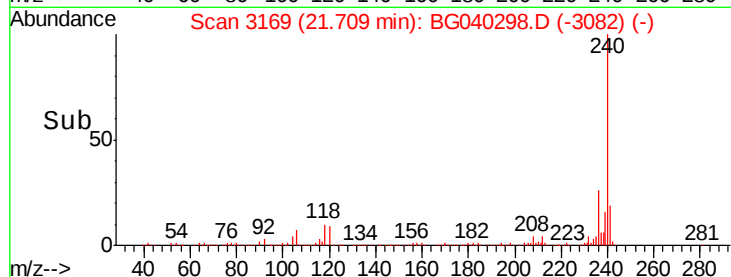
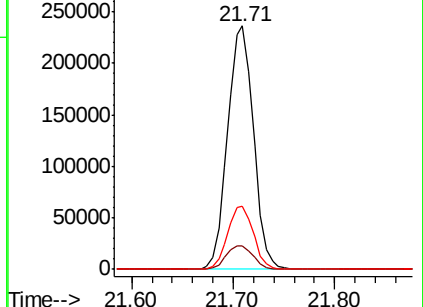
236 26.1 20.8 31.2



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: 74.929 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040298.D

Acq: 2 Apr 2019 13:48

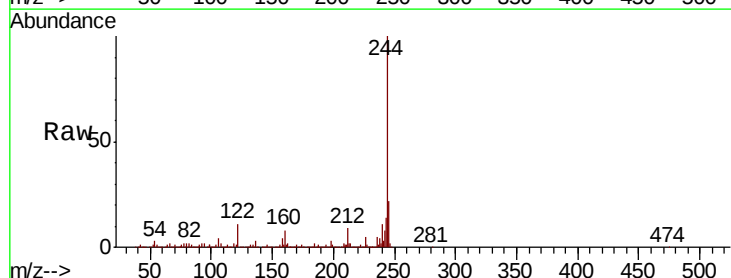
Tgt Ion:244 Resp: 1392816

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

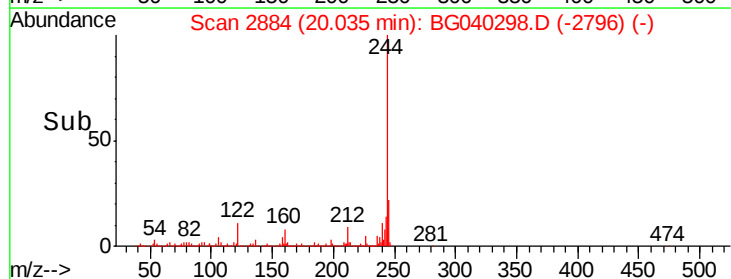
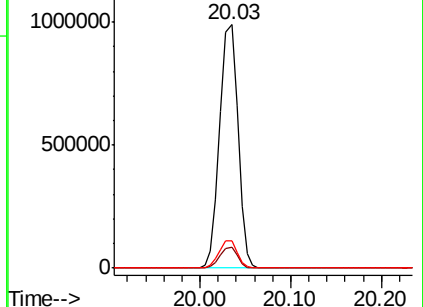
122 11.1 8.5 12.7

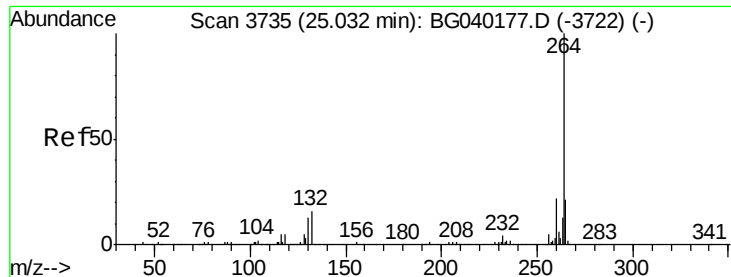


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.3	16.8	25.2

