

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040489.D
 Acq On : 15 Apr 2019 21:00
 Operator : JU/SJ
 Sample : K2389-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Apr 16 02:03:09 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

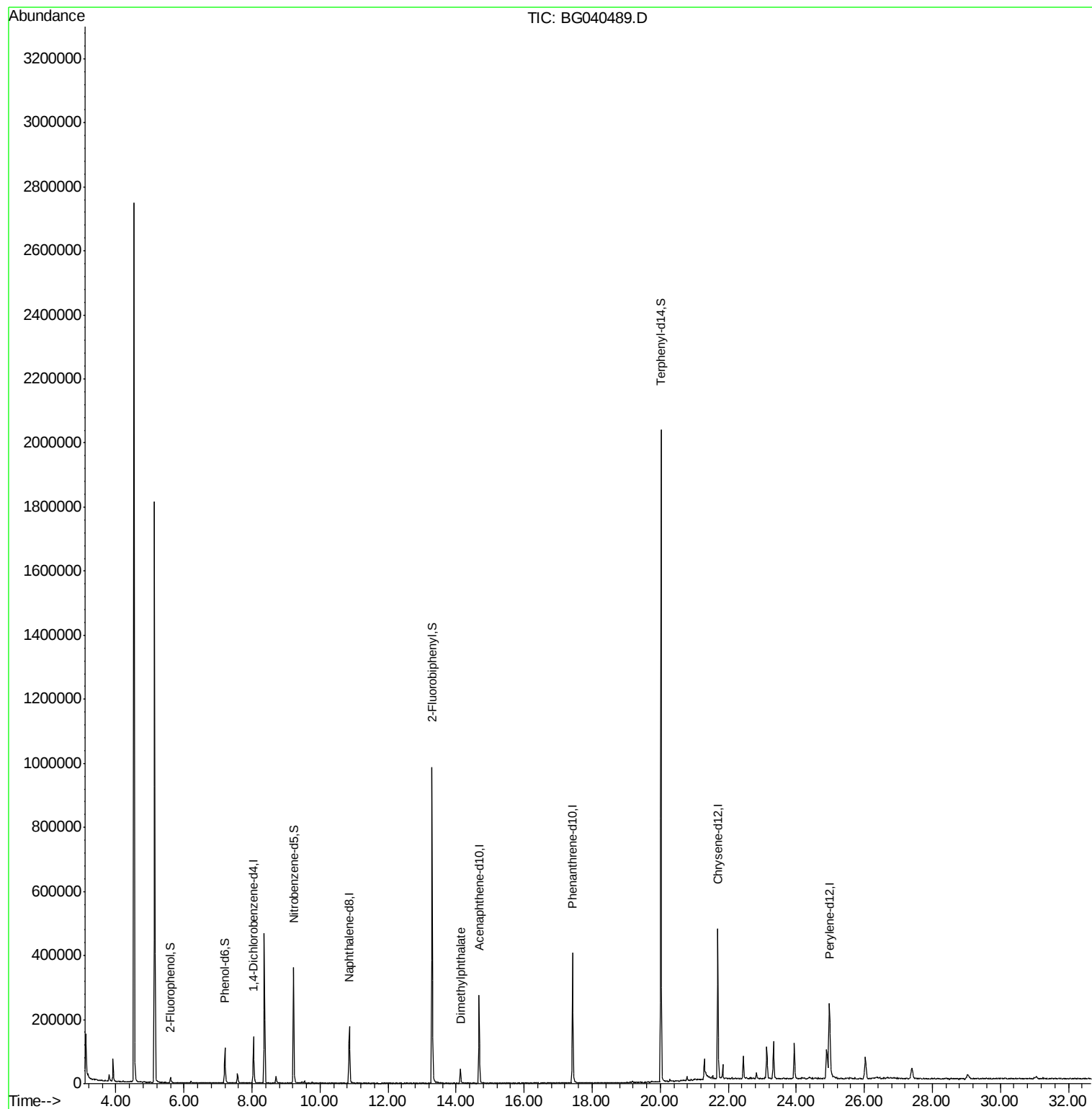
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42562	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	165963	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	104465	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	283141	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	284914	20.00	ng	-0.04
87) Perylene-d12	24.97	264	300826	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	7821	3.05	ng	-0.01
7) Phenol-d6	7.20	99	76410	21.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	227019	72.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	982	0.87	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	552873	78.42	ng	-0.03
79) Terphenyl-d14	20.02	244	984164	77.71	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	42133	5.153	ng	Qvalue # 94

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

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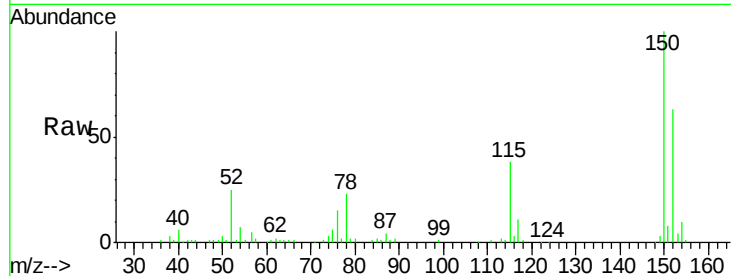


#1

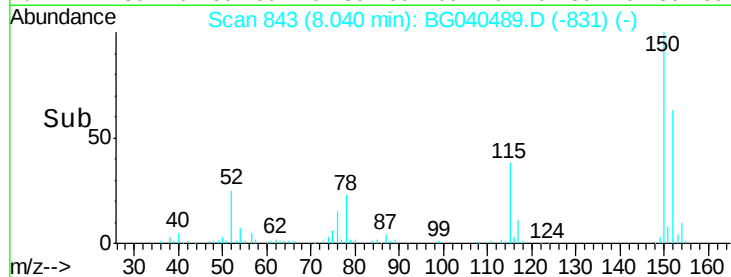
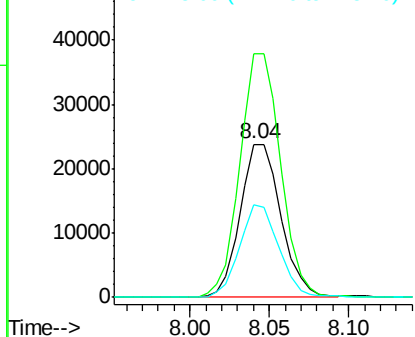
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tgt Ion:152 Resp: 42562
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 60.2 46.9 70.3



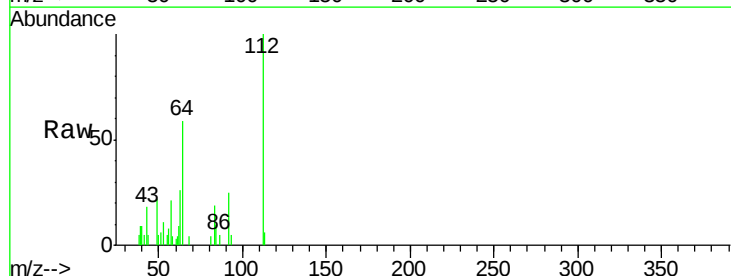
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



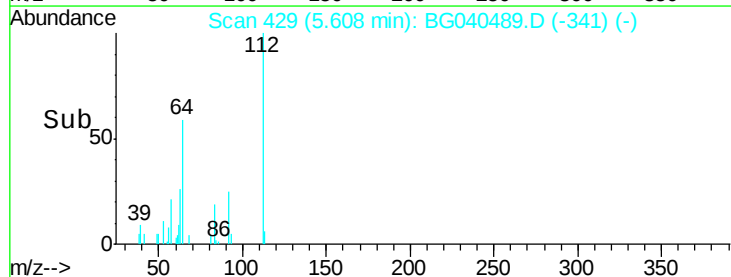
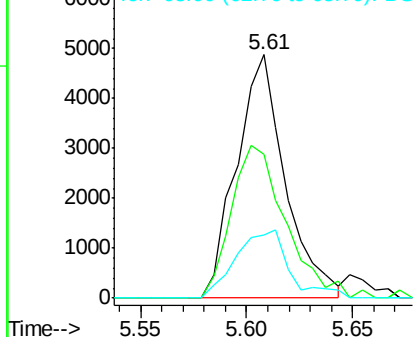
#5

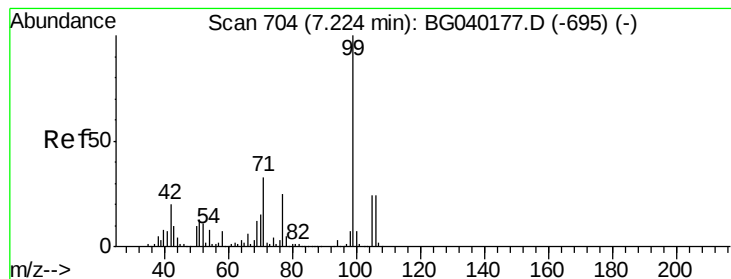
2-Fluorophenol
Concen: 3.055 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Tgt Ion:112 Resp: 7821
Ion Ratio Lower Upper
112 100
64 58.8 54.2 81.2
63 25.9 26.4 39.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 21.595 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Instrument :

BNA_G

ClientSampled :

CONCRETE

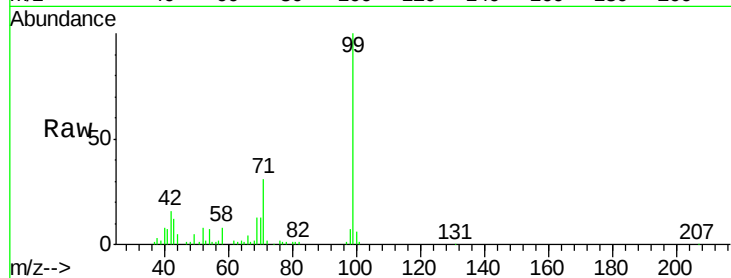
Tgt Ion: 99 Resp: 76410

Ion Ratio Lower Upper

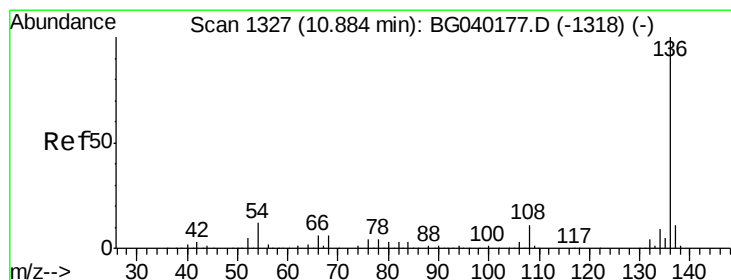
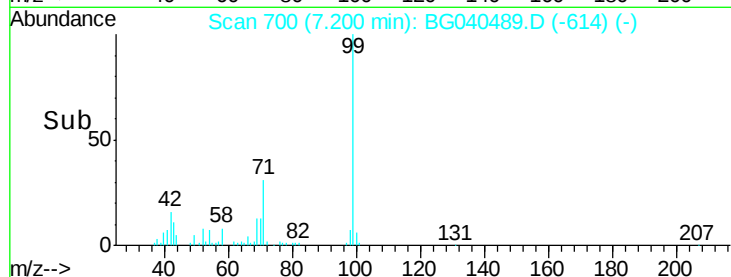
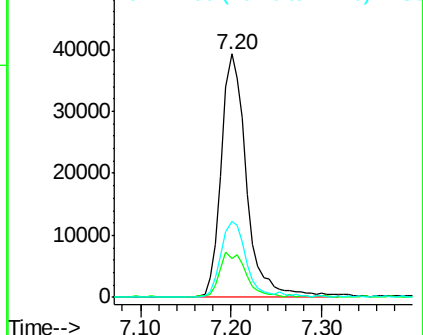
99 100

42 16.1 16.2 24.2#

71 31.3 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Tgt Ion: 136 Resp: 165963

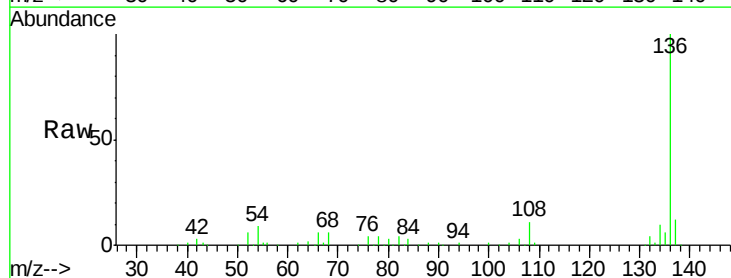
Ion Ratio Lower Upper

136 100

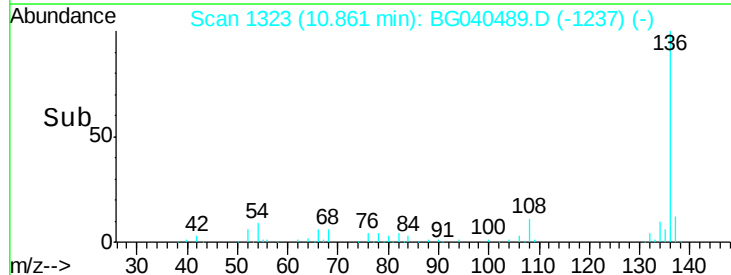
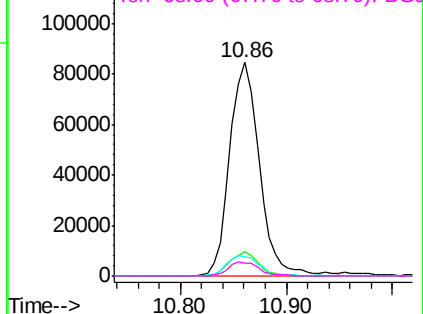
137 11.7 8.9 13.3

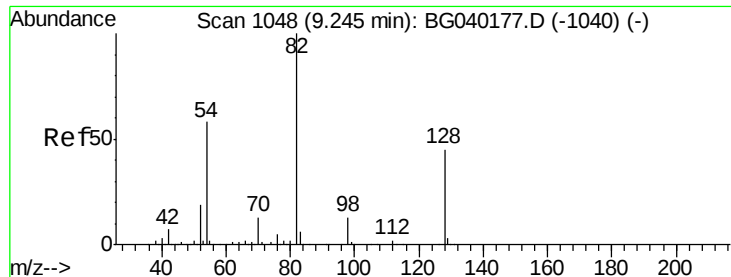
54 8.9 9.6 14.4#

68 6.2 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

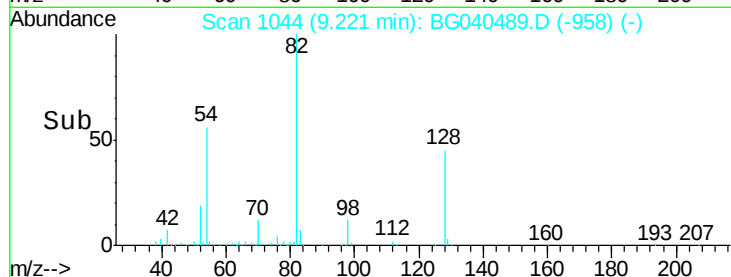
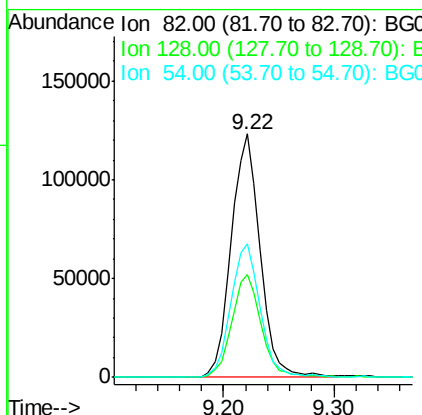
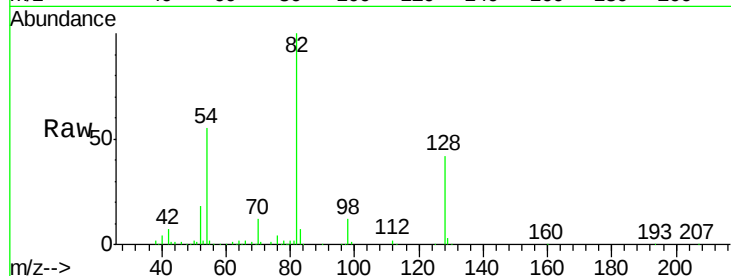




#23
 Nitrobenzene-d5
 Concen: 72.708 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

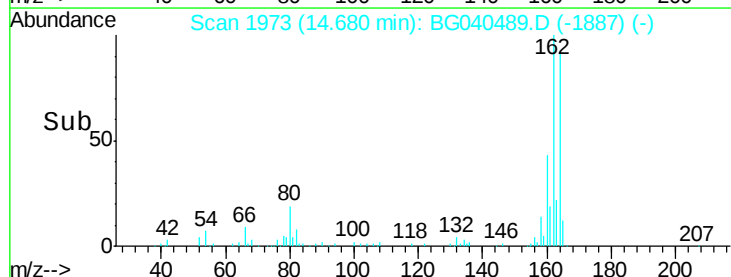
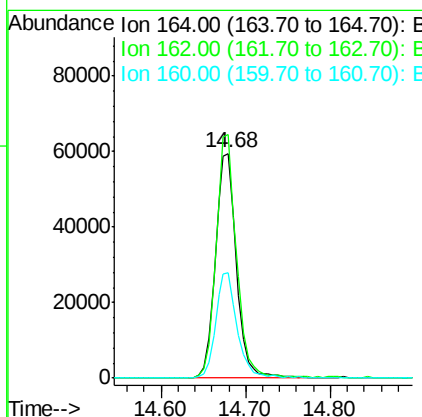
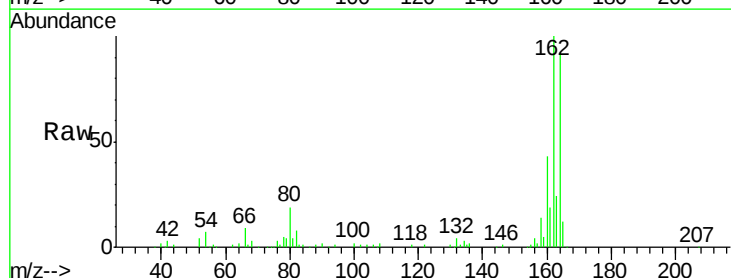
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Tgt Ion: 82 Resp: 227019
 Ion Ratio Lower Upper
 82 100
 128 42.5 35.8 53.8
 54 54.8 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: BG040489.D
 Acq: 15 Apr 2019 21:00

Tgt Ion: 164 Resp: 104465
 Ion Ratio Lower Upper
 164 100
 162 108.3 77.4 116.2
 160 46.6 35.3 52.9

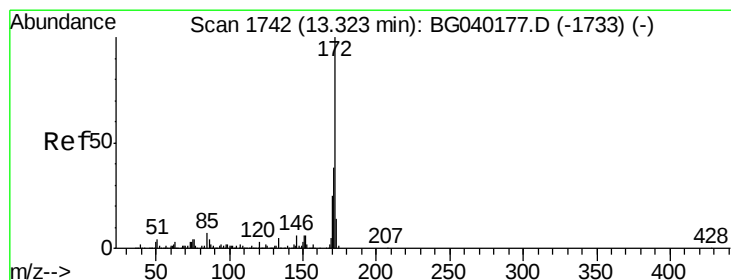
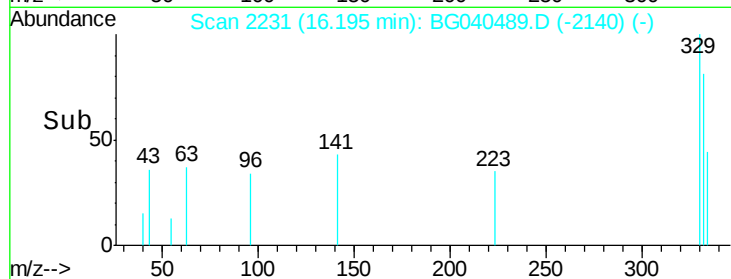
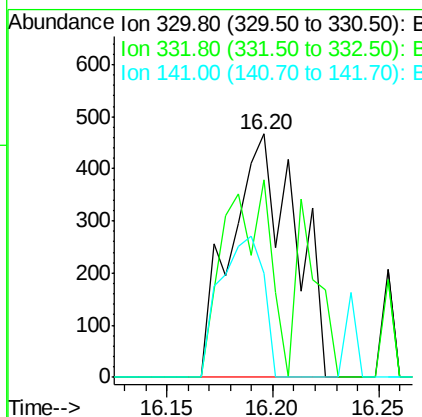
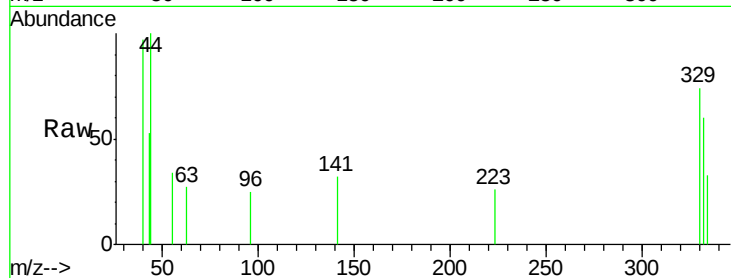




#42
 2,4,6-Tribromophenol
 Concen: 0.870 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. 0.01 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

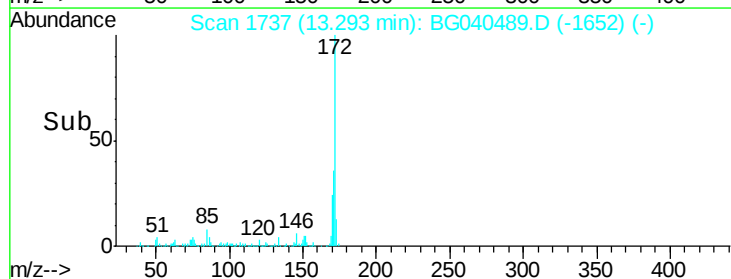
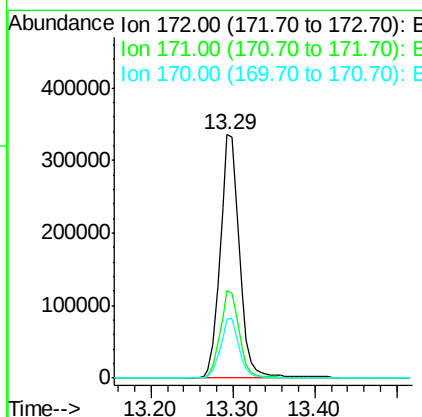
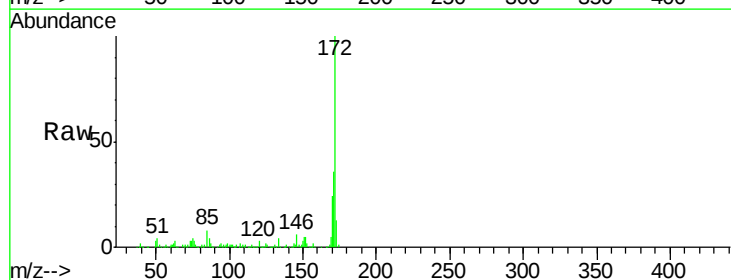
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

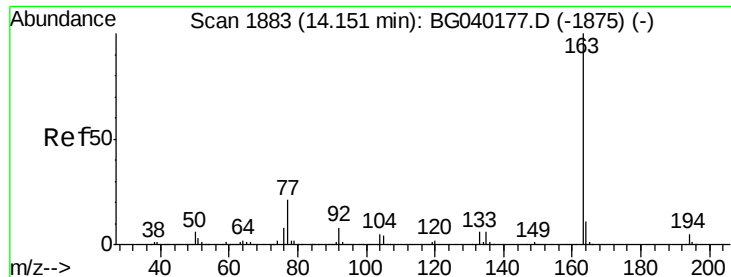
Tgt Ion: 330 Resp: 982
 Ion Ratio Lower Upper
 330 100
 332 57.7 76.6 115.0#
 141 39.3 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 78.421 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

Tgt Ion: 172 Resp: 552873
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 24.1 20.1 30.1





#50

Dimethylphthalate

Concen: 5.153 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Instrument :

BNA_G

ClientSampleId :

CONCRETE

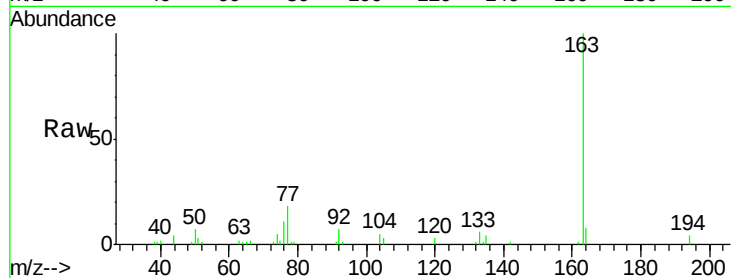
Tgt Ion:163 Resp: 42133

Ion Ratio Lower Upper

163 100

194 3.8 4.1 6.1#

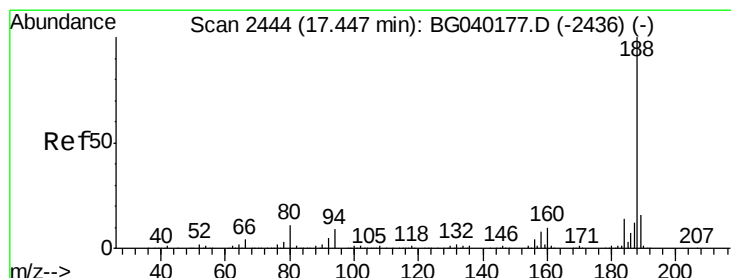
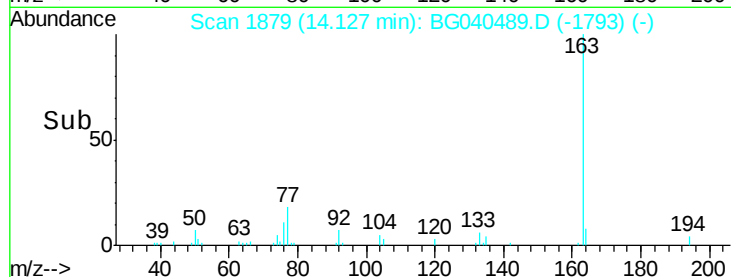
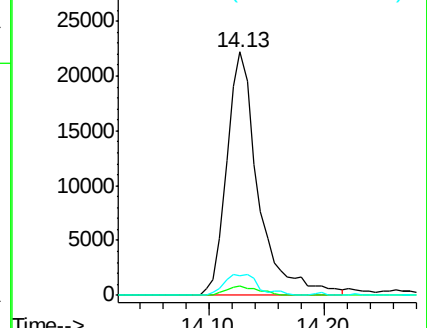
164 8.1 8.6 13.0#



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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

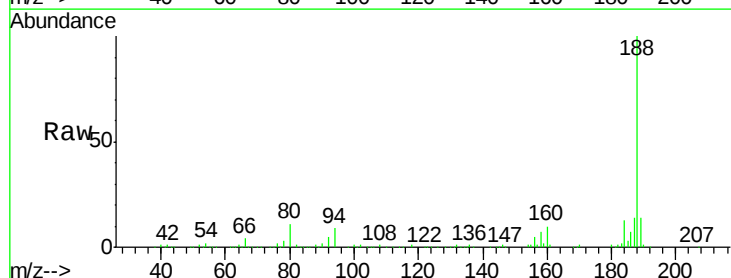
Tgt Ion:188 Resp: 283141

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

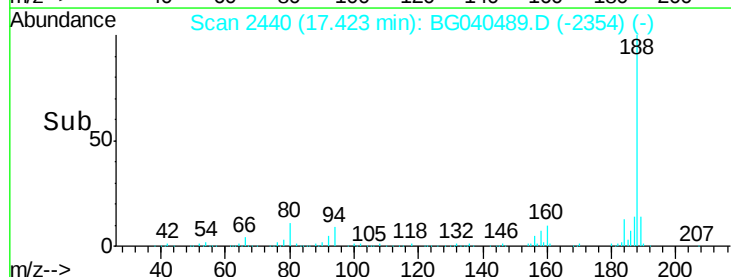
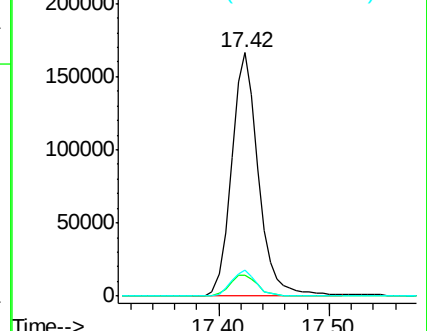
80 10.5 8.6 13.0

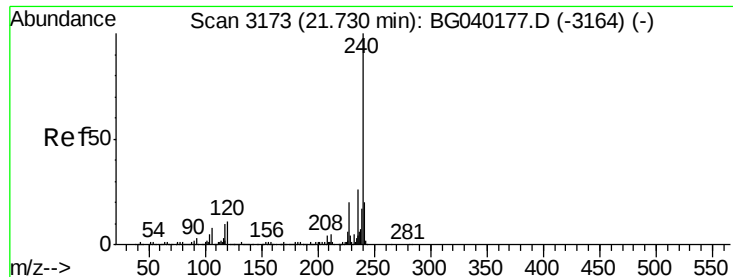


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

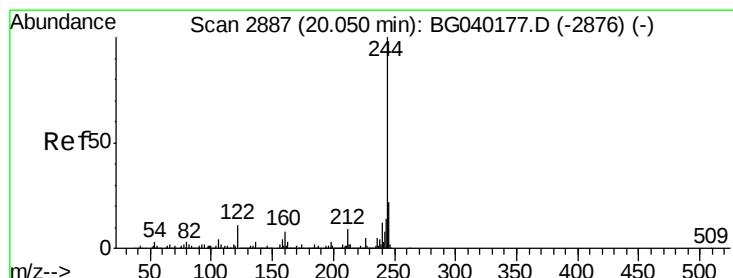
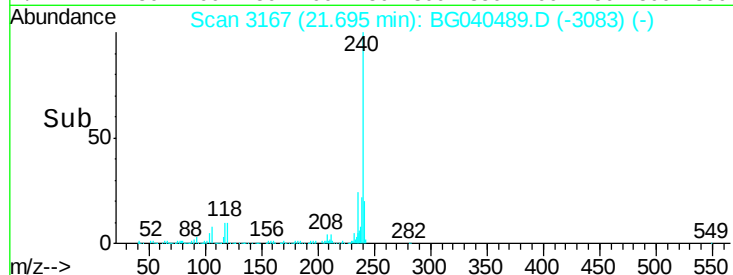
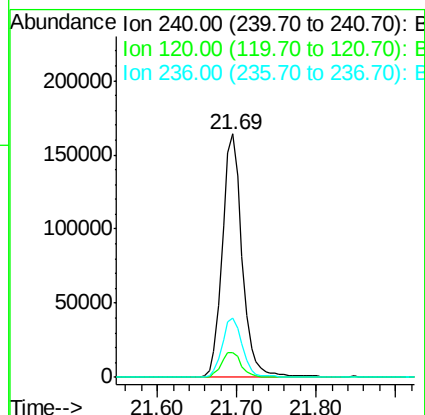
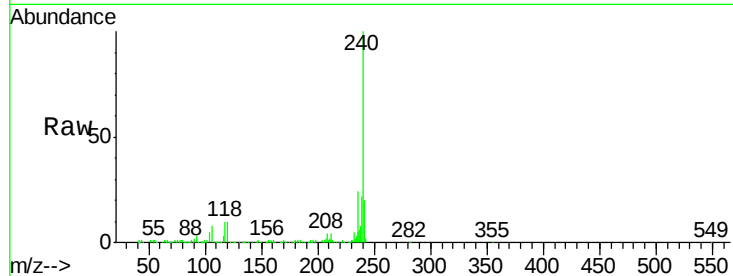




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

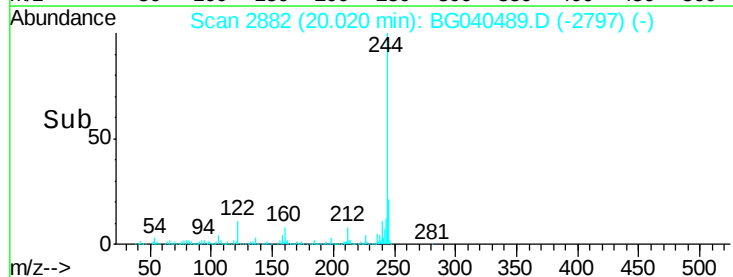
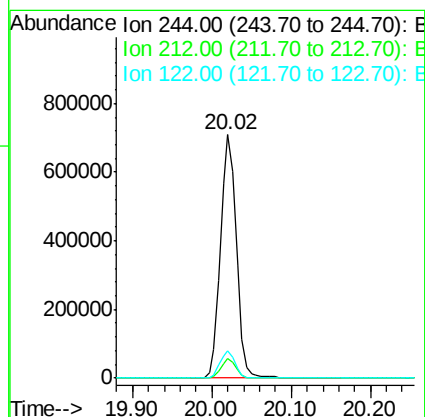
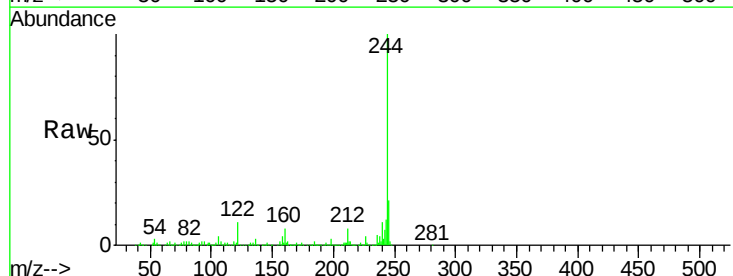
Instrument :
BNA_G
ClientSampleId :
CONCRETE

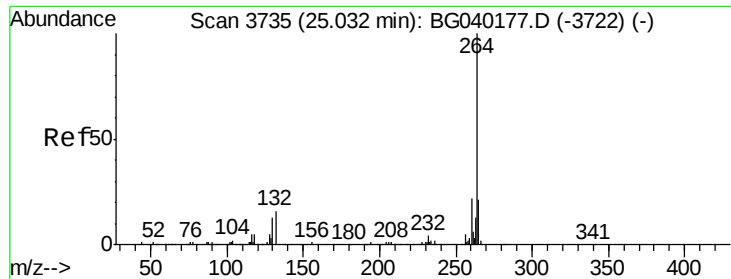
Tgt Ion:240 Resp: 284914
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 24.4 20.8 31.2



#79
Terphenyl-d14
Concen: 77.709 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Tgt Ion:244 Resp: 984164
Ion Ratio Lower Upper
244 100
212 8.0 7.0 10.6
122 11.1 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tgt Ion: 264 Resp: 300826
Ion Ratio Lower Upper
264 100
260 24.1 17.9 26.9
265 20.6 16.8 25.2

