

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039929.D
 Acq On : 14 Mar 2019 17:42
 Operator : JU/SJ
 Sample : K1893-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Mar 15 08:27:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

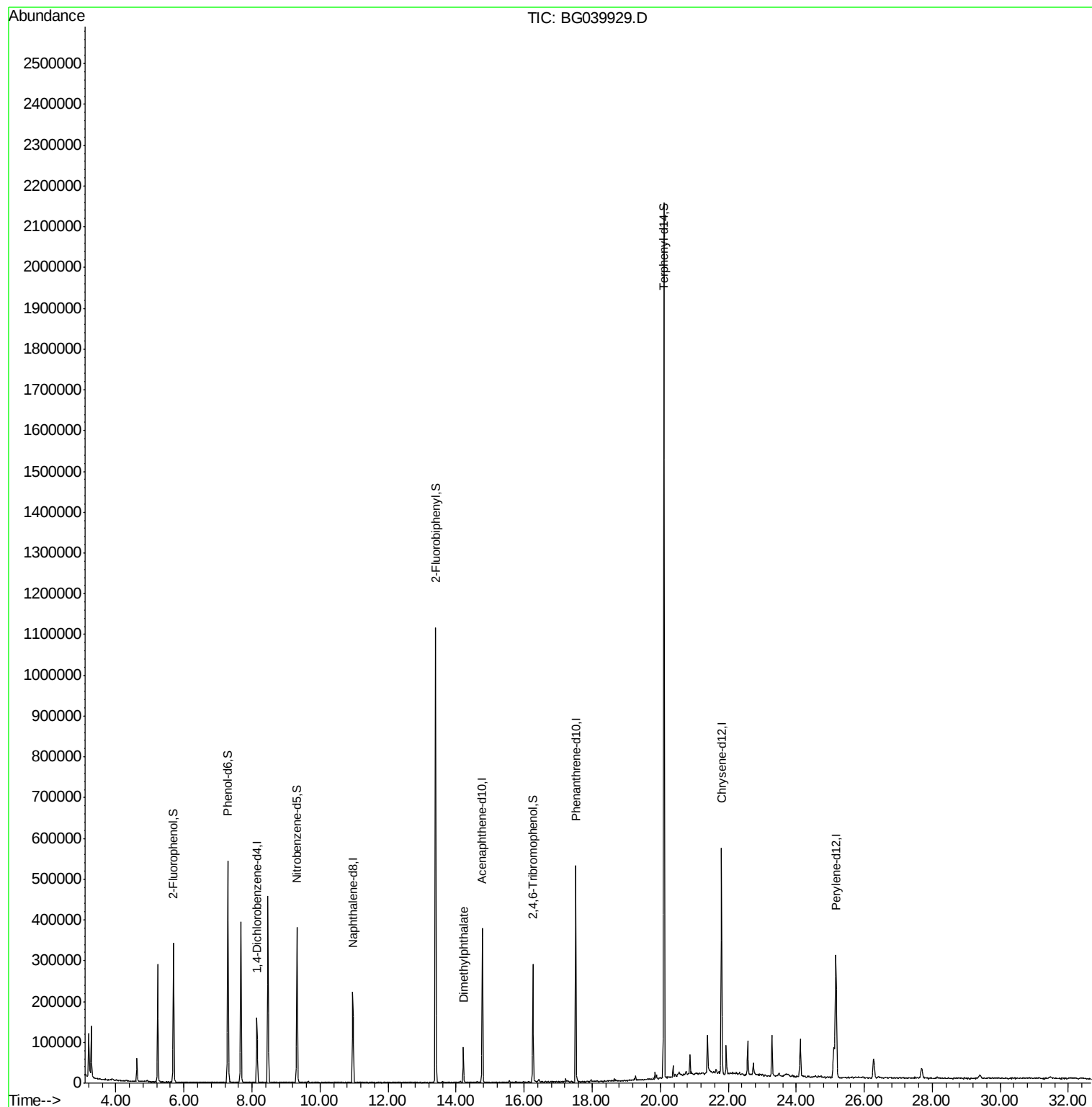
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43452	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	186185	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	131872	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	331388	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	330121	20.00	ng	-0.02
87) Perylene-d12	25.16	264	343314	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	138902	54.54	ng	-0.02
7) Phenol-d6	7.29	99	320953	84.51	ng	-0.02
23) Nitrobenzene-d5	9.33	82	228896	66.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	49174	31.99	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	609358	65.79	ng	-0.02
79) Terphenyl-d14	20.11	244	992061	66.17	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.21	163	58134	5.272	ng	Qvalue 100

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

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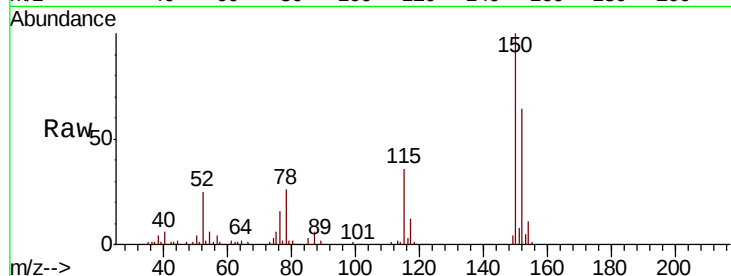


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.7	185.5
115	56.6	45.9	68.9

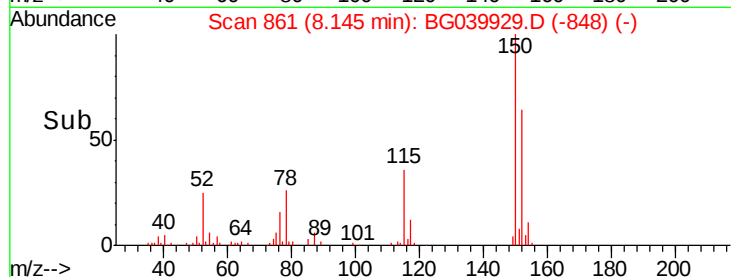
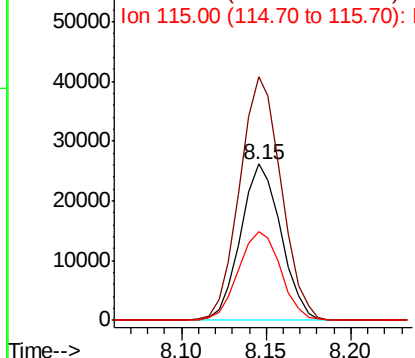


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

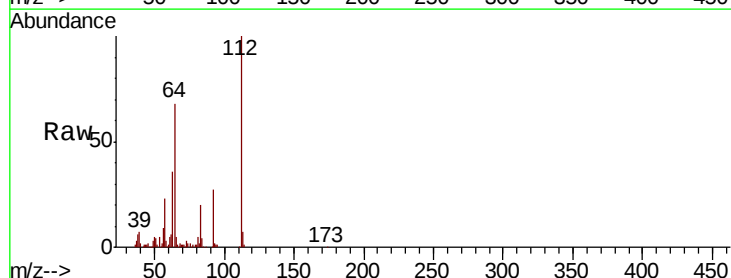
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.536 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	36.5	29.8	44.6

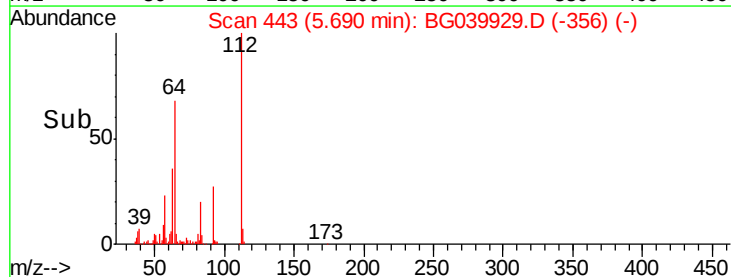
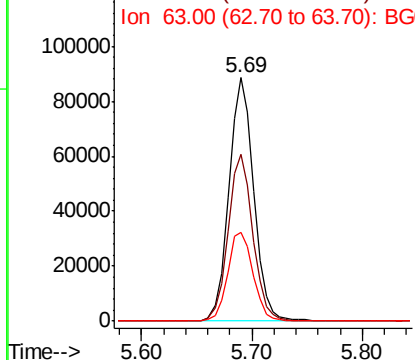


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.512 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039929.D

Acq: 14 Mar 2019 17:42

Instrument :

BNA_G

ClientSampleId :

CONCRETE

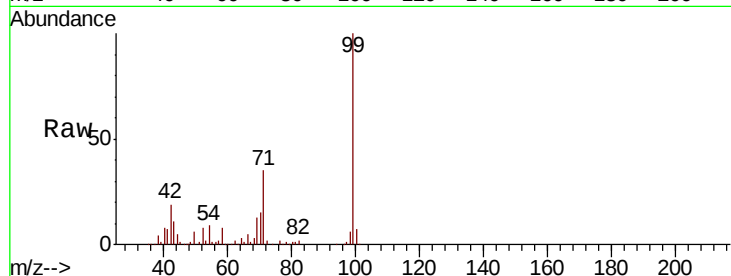
Tot Ion: 99 Resp: 320953

Ion Ratio Lower Upper

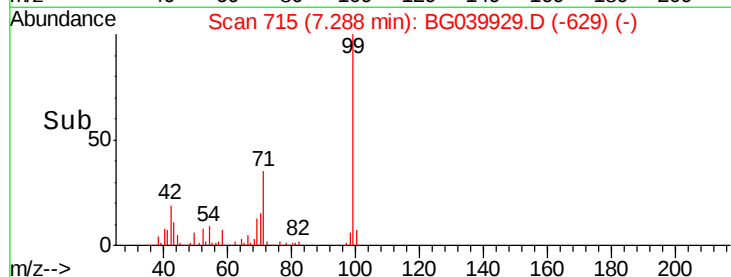
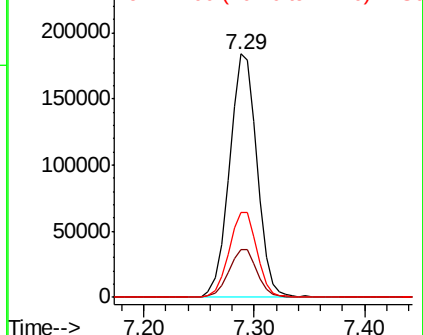
99 100

42 19.4 18.2 27.2

71 34.7 28.0 42.0



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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039929.D

Acq: 14 Mar 2019 17:42

Tgt Ion: 136 Resp: 186185

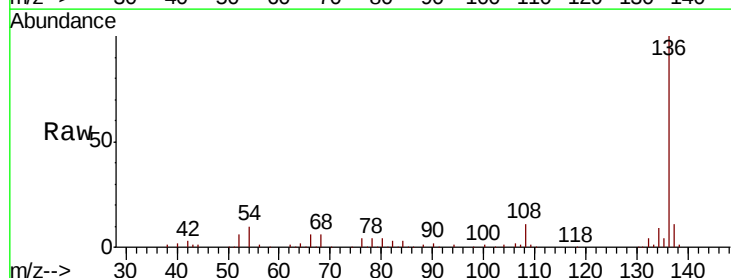
Ion Ratio Lower Upper

136 100

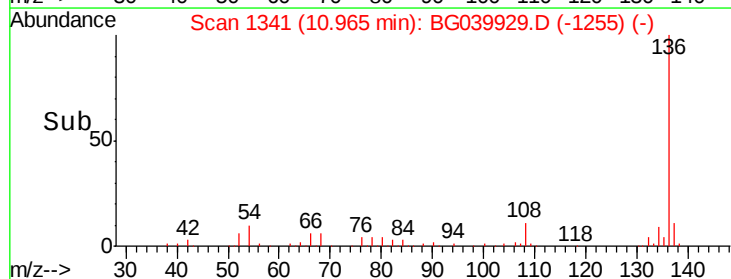
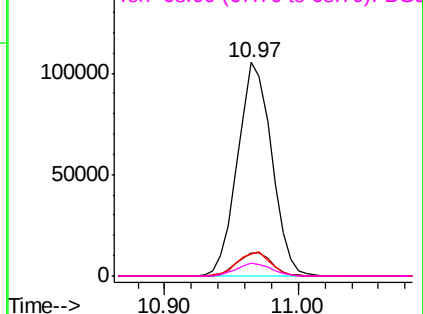
137 11.1 9.1 13.7

54 10.5 9.4 14.2

68 5.9 4.2 6.4



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

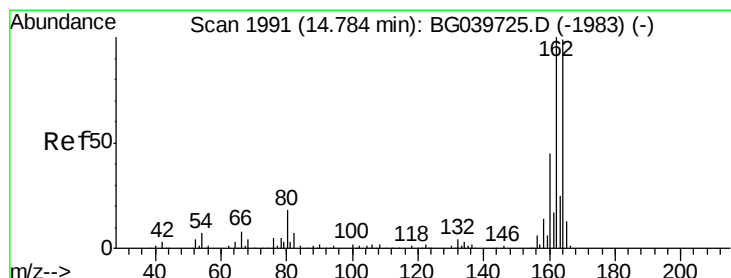
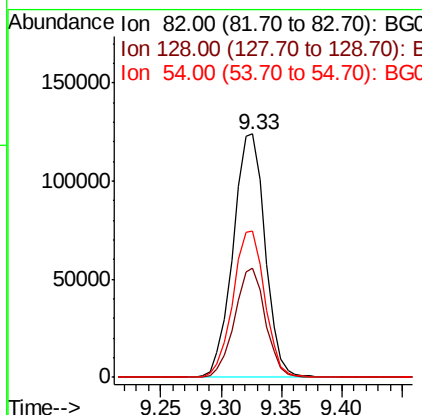
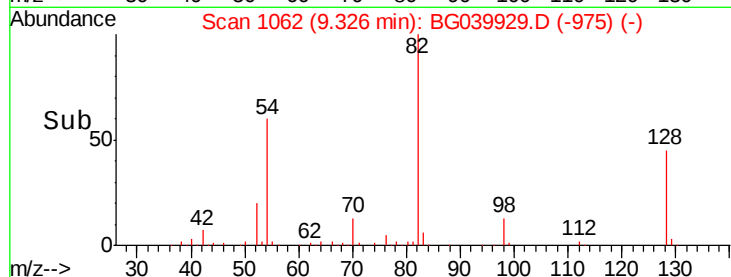
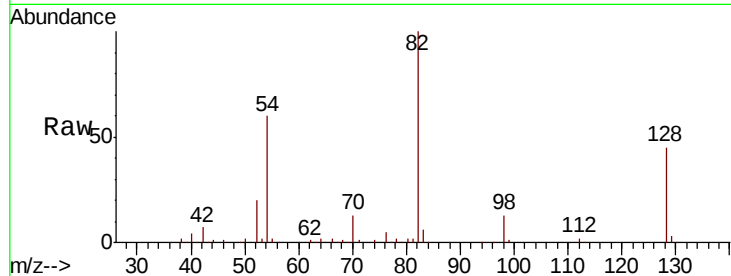




#23
Nitrobenzene-d5
Concen: 66.491 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

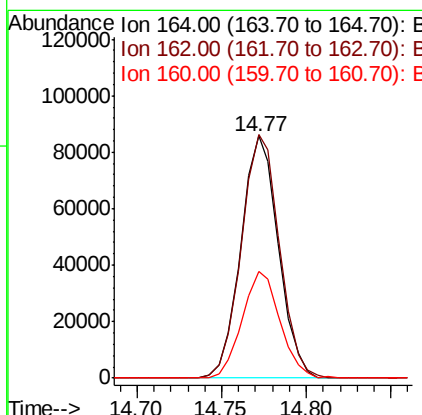
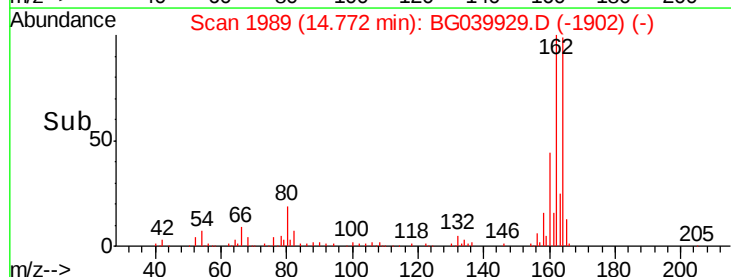
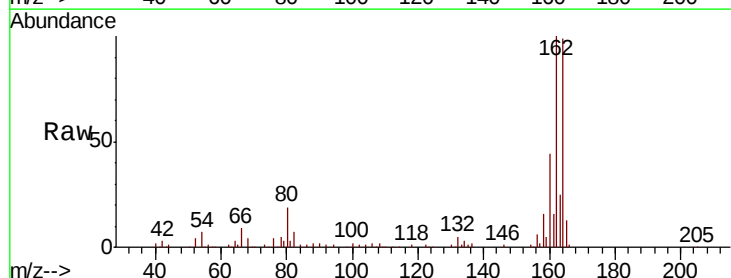
Instrument :
BNA_G
ClientSampleId :
CONCRETE

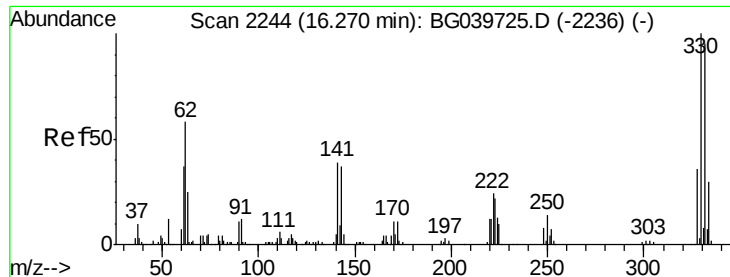
Tot Ion: 82 Resp: 228896
Ion Ratio Lower Upper
82 100
128 44.7 31.3 46.9
54 60.0 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Tgt Ion:164 Resp: 131872
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 44.3 34.2 51.2

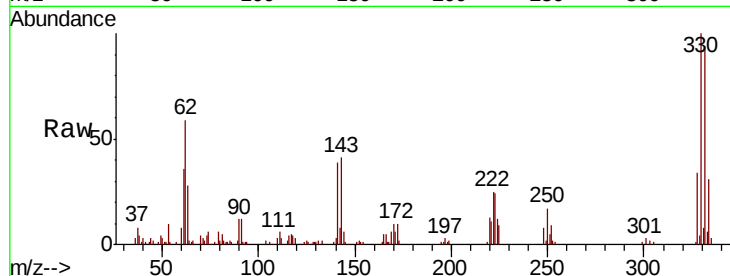




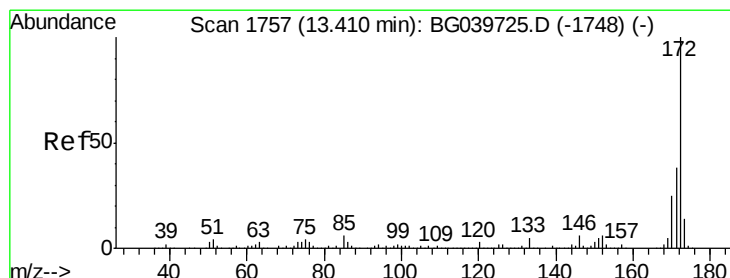
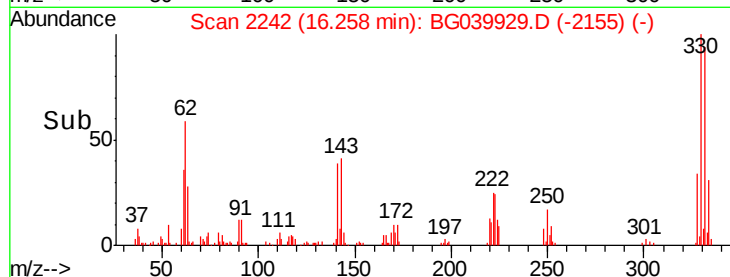
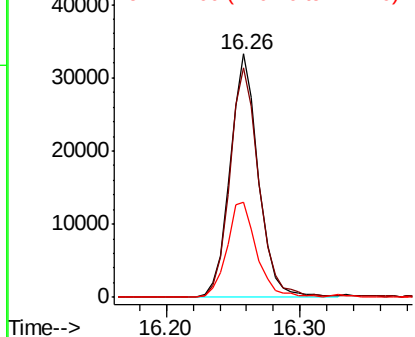
#42
 2,4,6-Tribromophenol
 Concen: 31.992 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039929.D
 Acq: 14 Mar 2019 17:42

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Tot Ion:330 Resp: 49174
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.7 113.5
 141 40.9 35.6 53.4

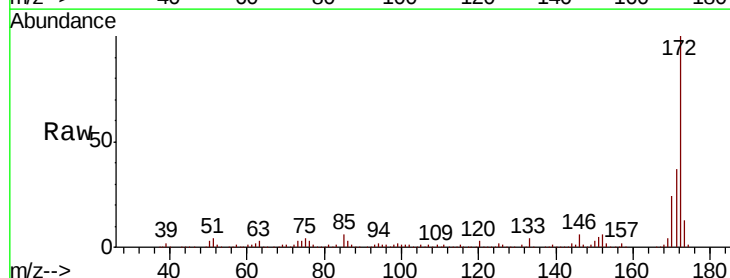


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

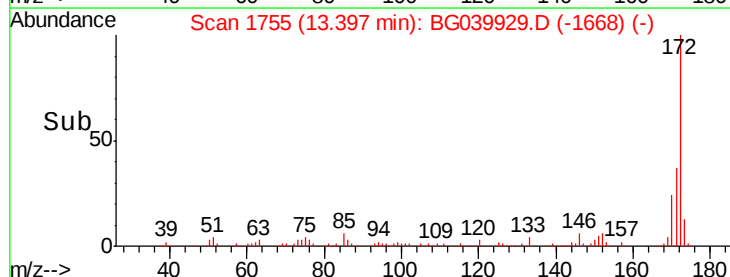
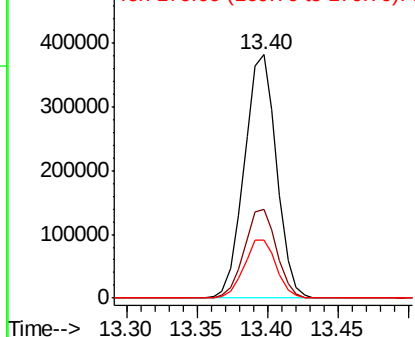


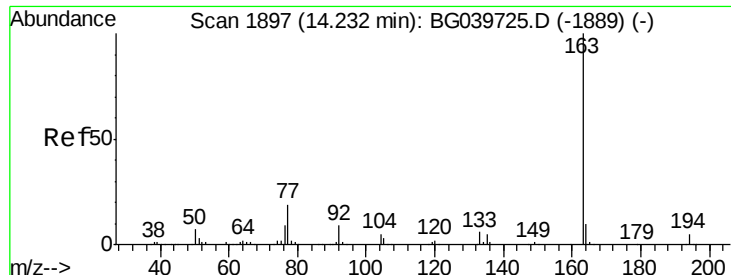
#45
 2-Fluorobiphenyl
 Concen: 65.793 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039929.D
 Acq: 14 Mar 2019 17:42

Tgt Ion:172 Resp: 609358
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.0 20.2 30.4



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: 5.272 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039929.D

Acq: 14 Mar 2019 17:42

Instrument :

BNA_G

ClientSampleId :

CONCRETE

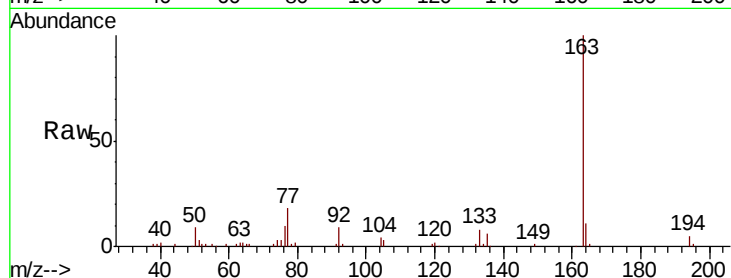
Tot Ion:163 Resp: 58134

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

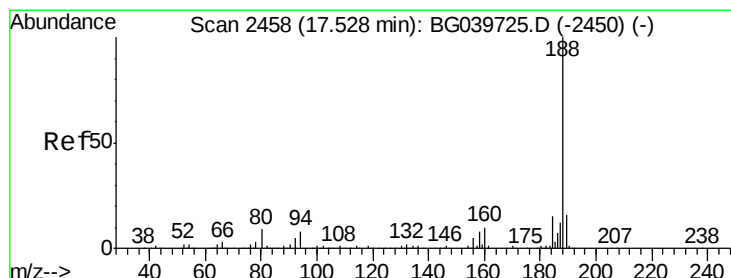
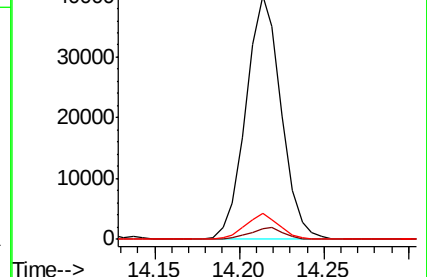
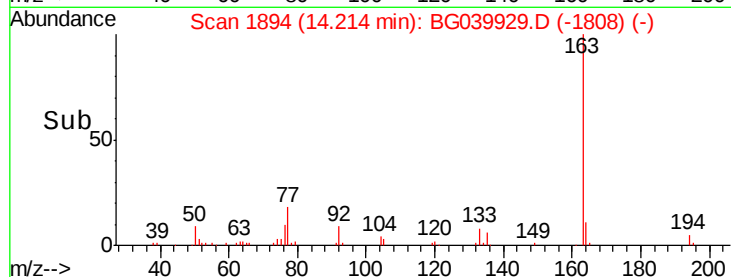
164 10.6 8.4 12.6



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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039929.D

Acq: 14 Mar 2019 17:42

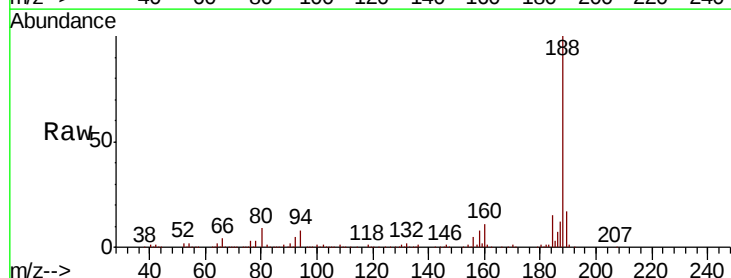
Tgt Ion:188 Resp: 331388

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

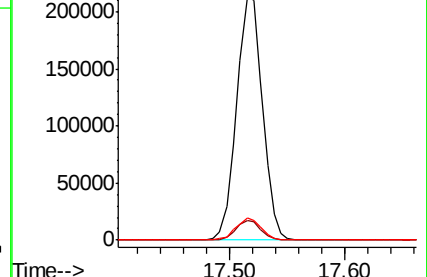
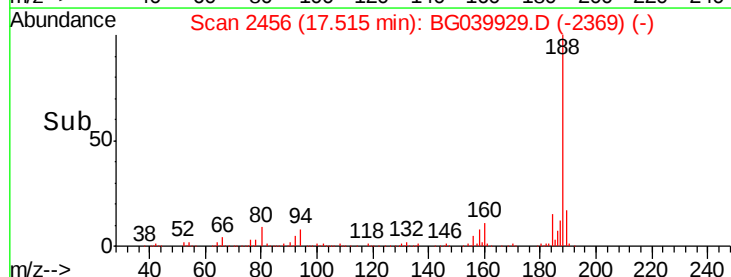
80 9.0 8.1 12.1

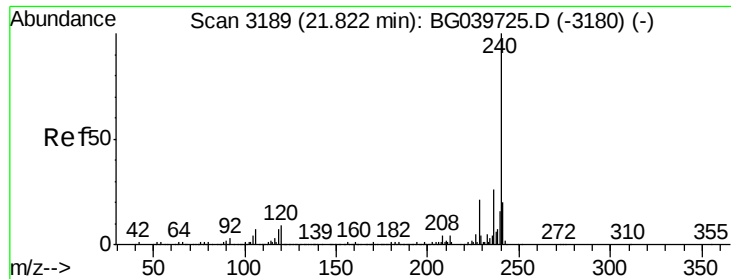


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

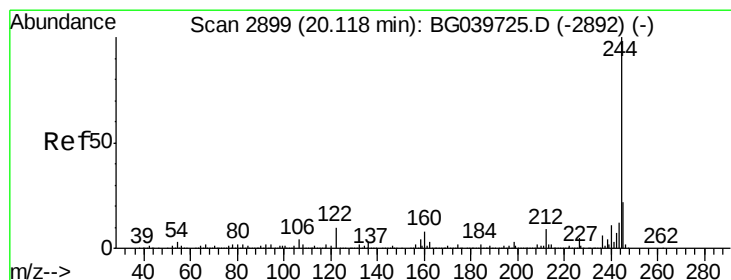
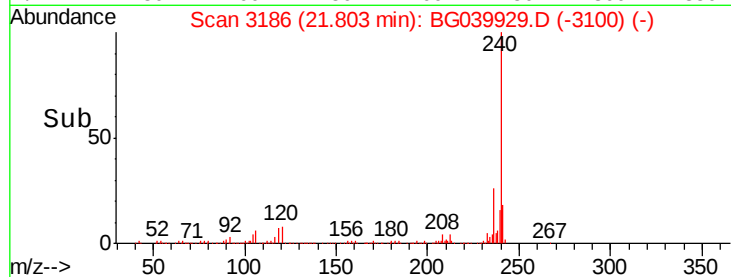
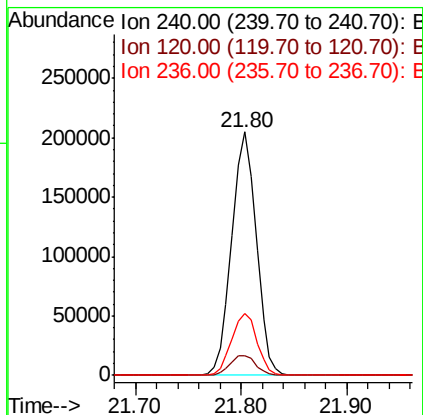
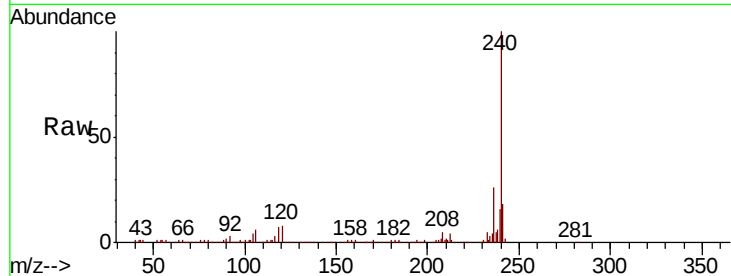




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

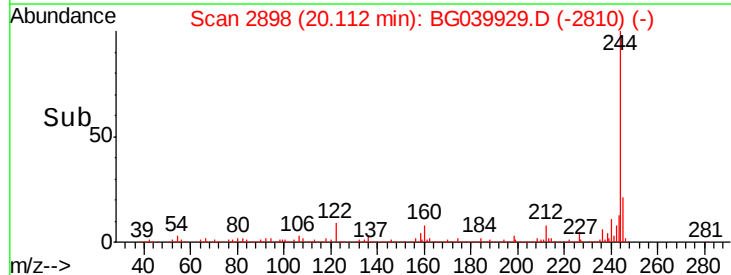
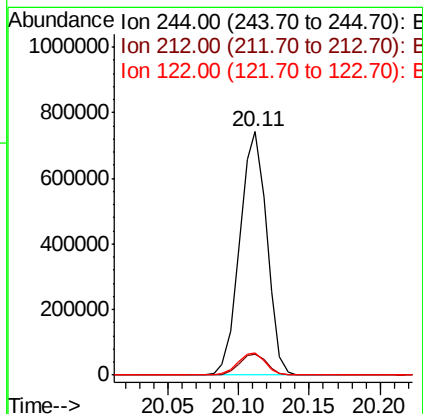
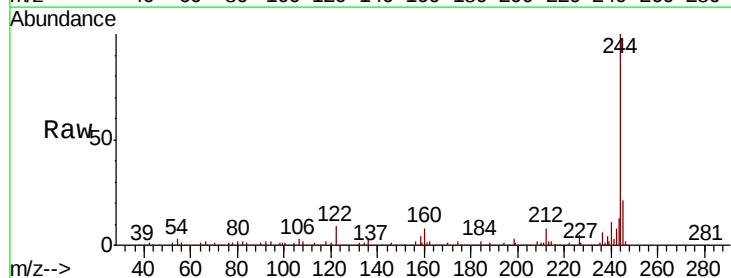
Instrument :
BNA_G
ClientSampled :
CONCRETE

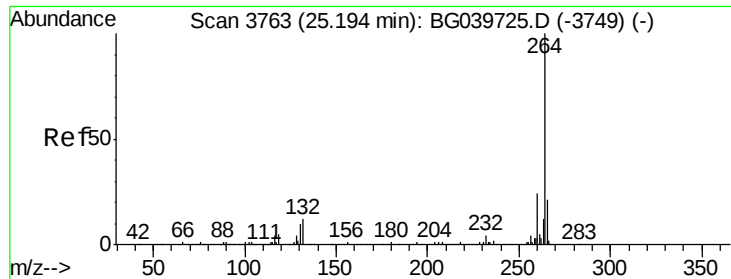
Tot Ion:240 Resp: 330121
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 66.167 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Tgt Ion:244 Resp: 992061
Ion Ratio Lower Upper
244 100
212 8.4 7.3 10.9
122 9.1 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:264 Resp: 343314
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 22.6 18.5 27.7

