

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 08:09:59 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

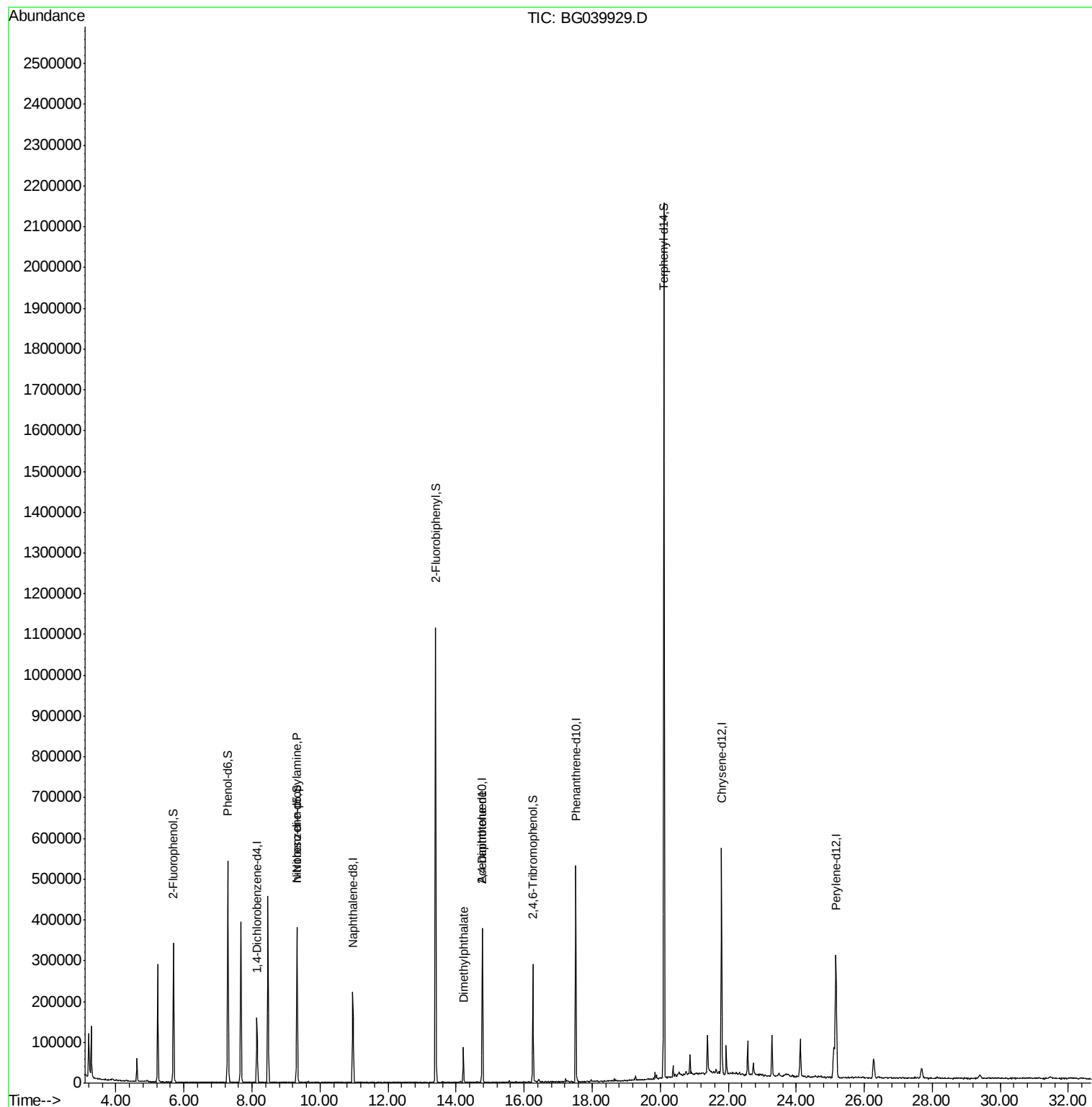
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43452	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	186185	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	131872	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	331388	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	330121	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						
19) n-Nitroso-di-n-propylamine	9.33	70	29730	10.876	ng	Qvalue # 69
50) Dimethylphthalate	14.21	163	58134	5.272	ng	100
57) 2,4-Dinitrotoluene	14.77	165	16908	5.148	ng	# 19

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

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 08:09:59 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



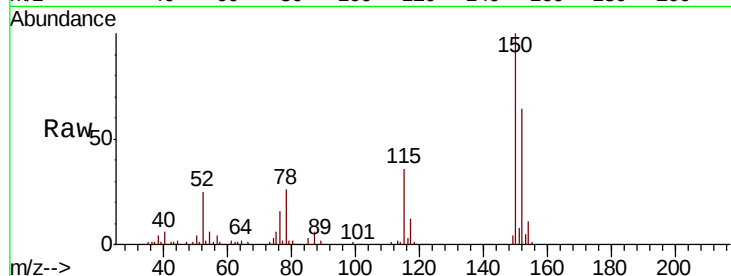


#1

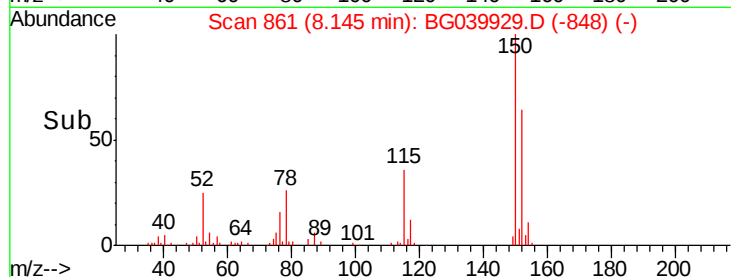
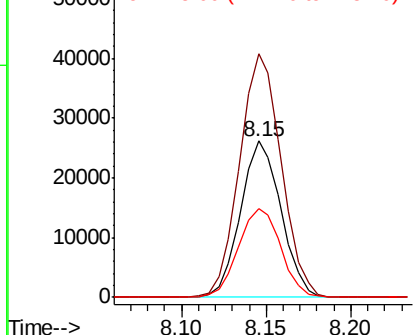
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 43452
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 56.6 45.9 68.9



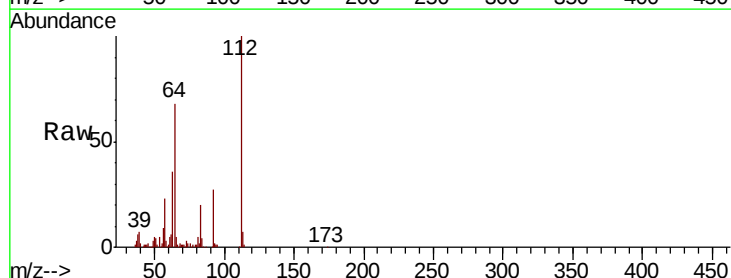
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



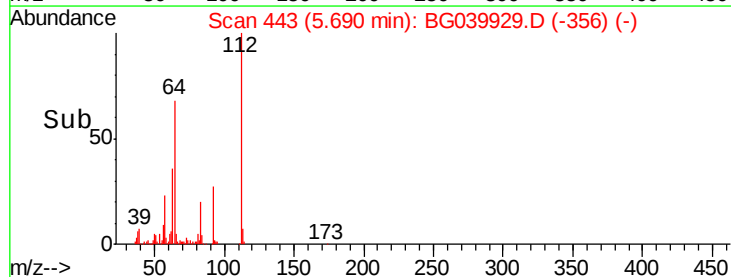
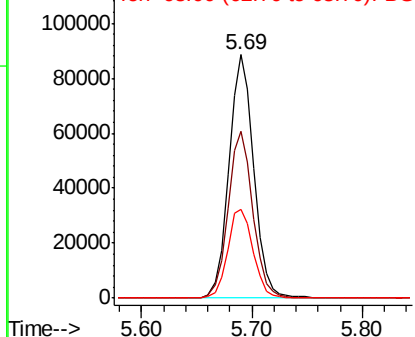
#5

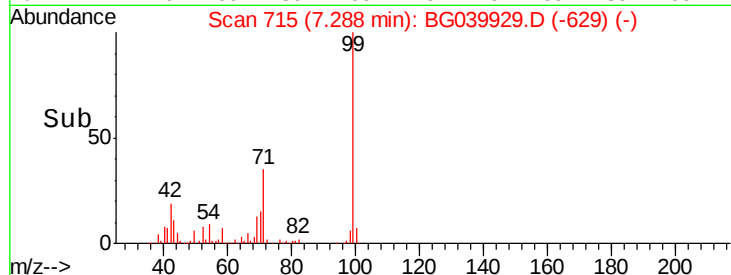
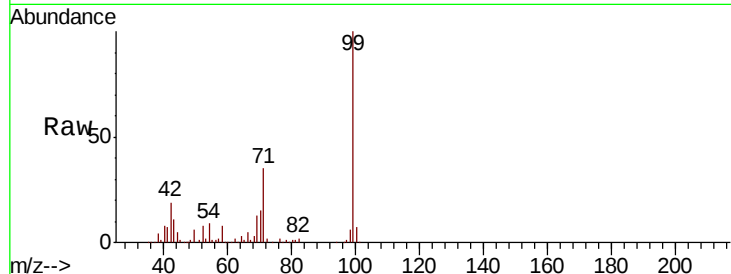
2-Fluorophenol
Concen: 54.536 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Tgt Ion:112 Resp: 138902
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

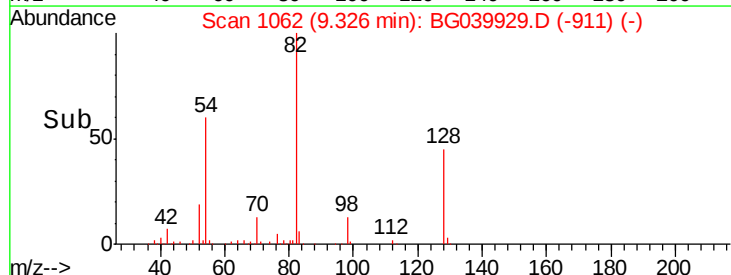
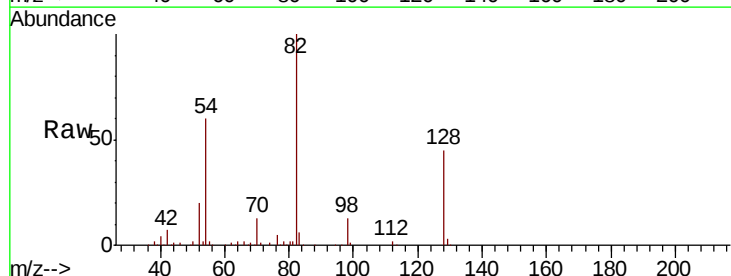
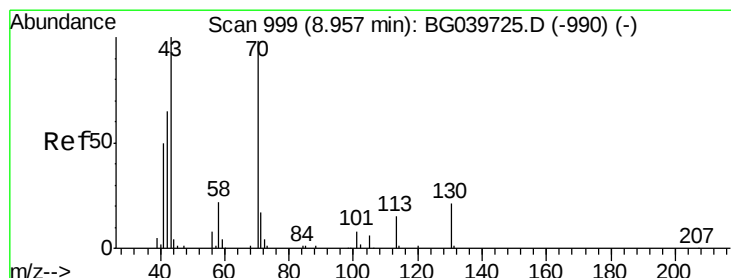
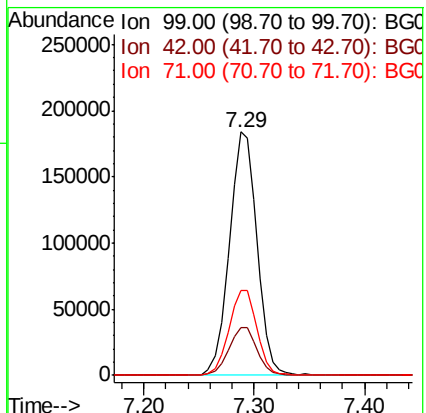
Tot Ion: 99 Resp: 320953

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

71 34.7 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.876 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039929.D

Acq: 14 Mar 2019 17:42

Tgt Ion: 70 Resp: 29730

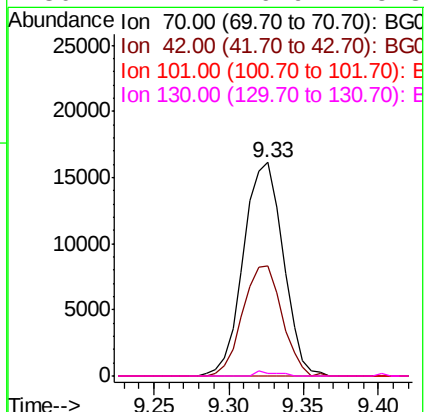
Ion Ratio Lower Upper

70 100

42 51.7 60.4 90.6#

101 0.0 7.5 11.3#

130 1.1 16.9 25.3#

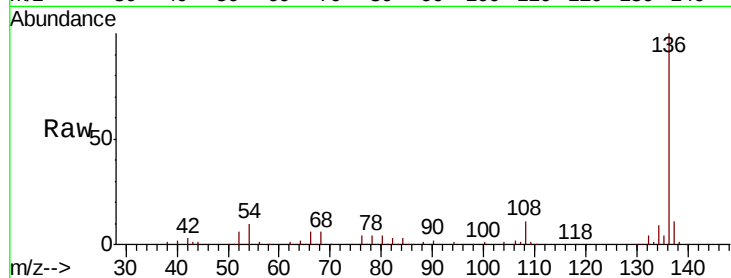




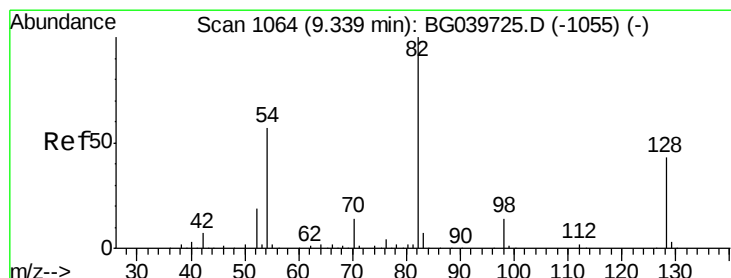
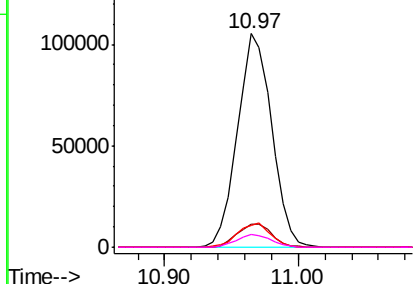
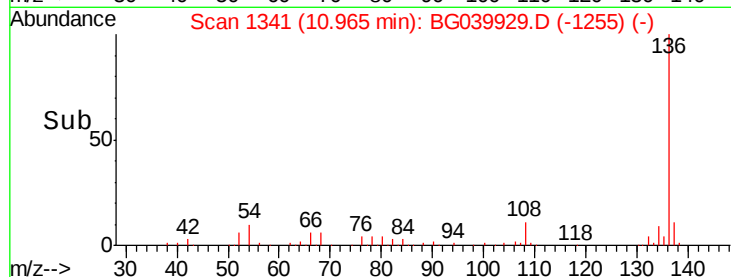
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot 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

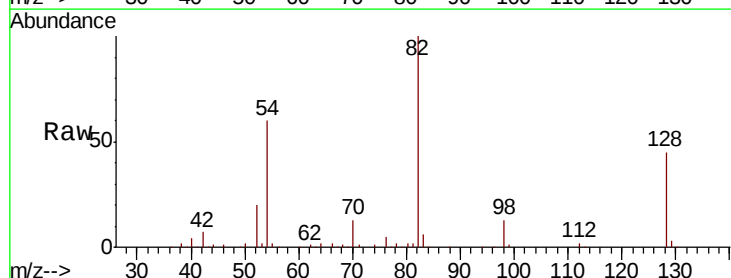


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

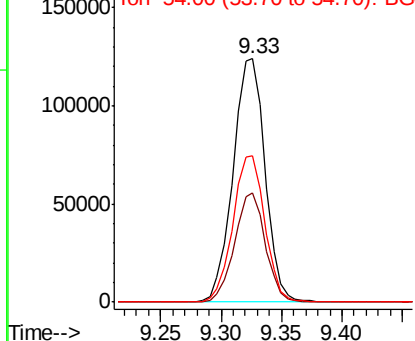
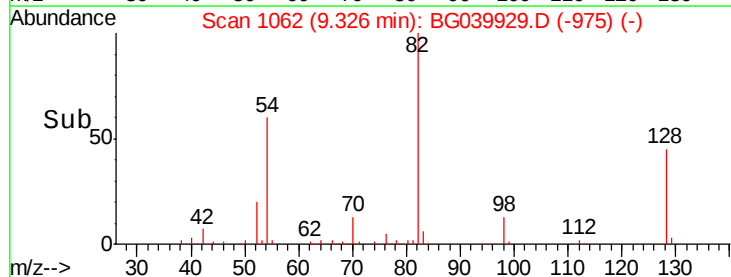


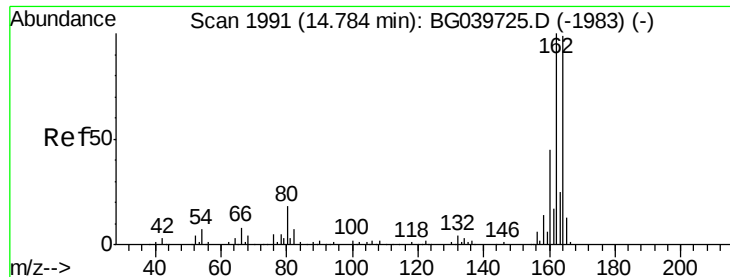
#23
Nitrobenzene-d5
Concen: 66.491 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

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



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

CONCRETE

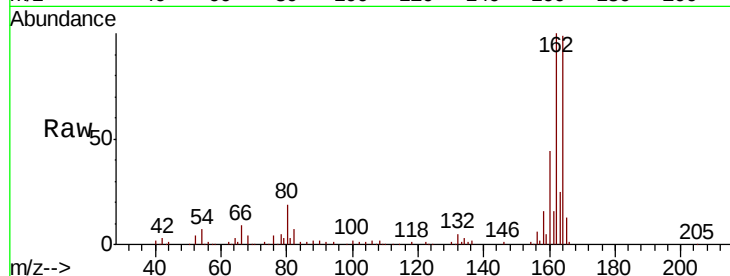
Tot Ion:164 Resp: 131872

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 44.3 34.2 51.2

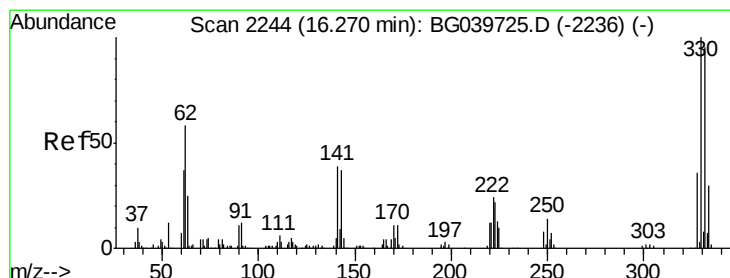
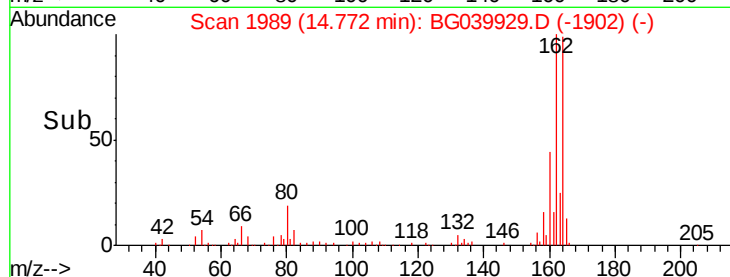
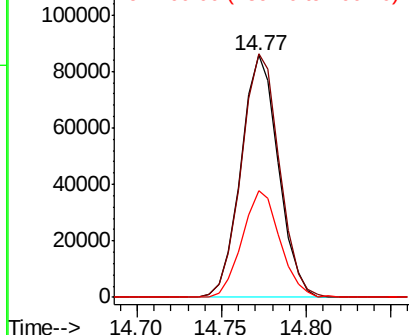


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

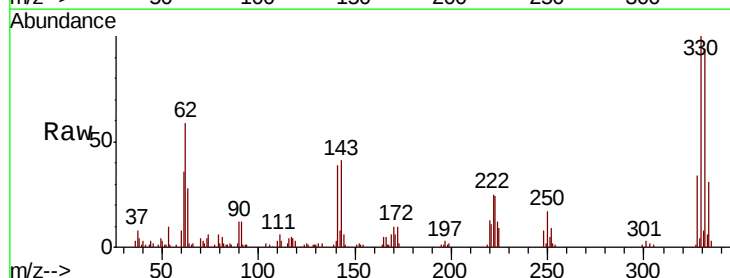
Tgt Ion:330 Resp: 49174

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

141 40.9 35.6 53.4

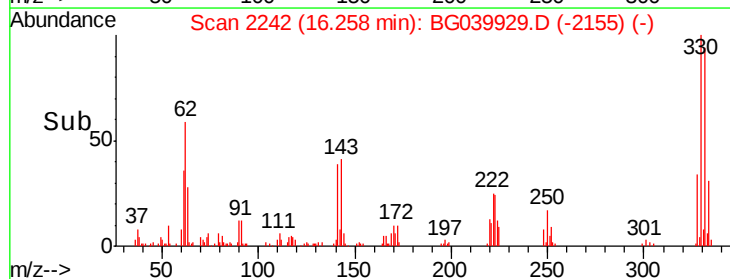
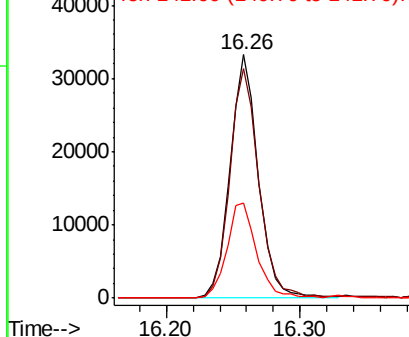


Abundance

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

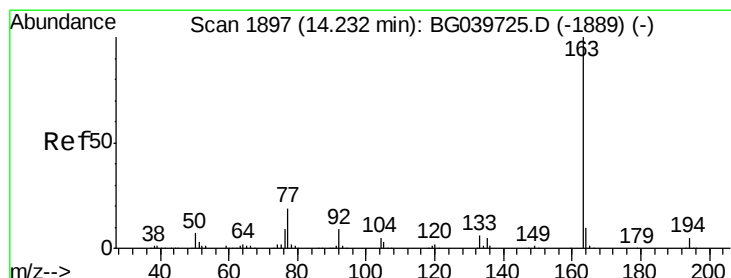
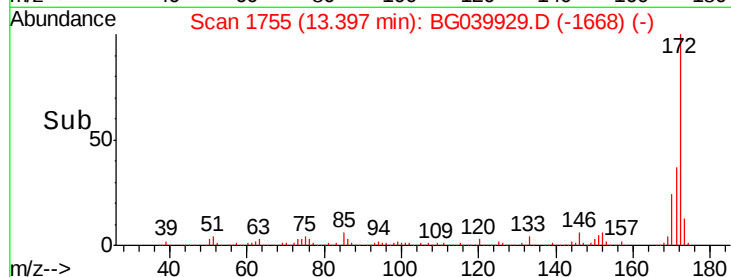
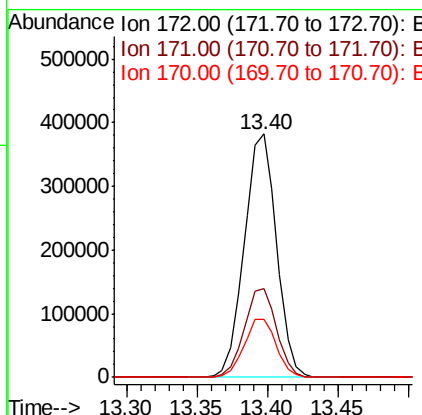
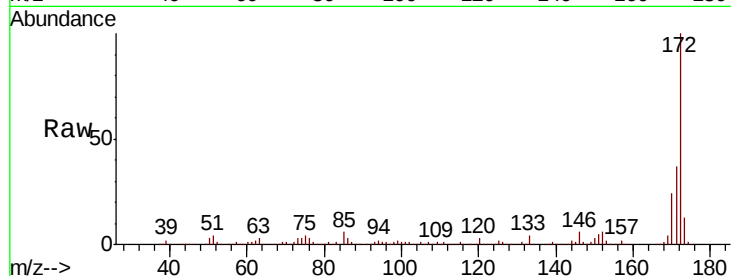




#45
2-Fluorobiphenyl
Concen: 65.793 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039929.D
Acq: 14 Mar 2019 17:42

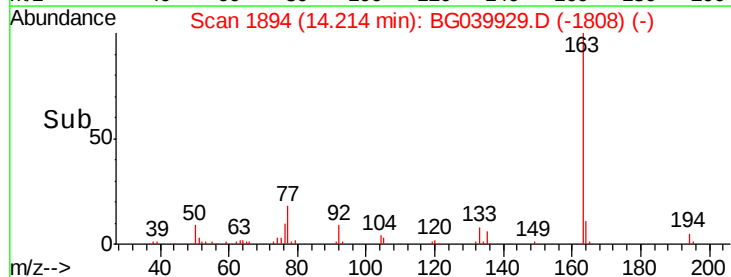
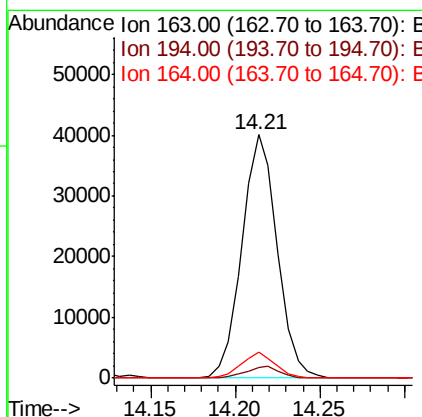
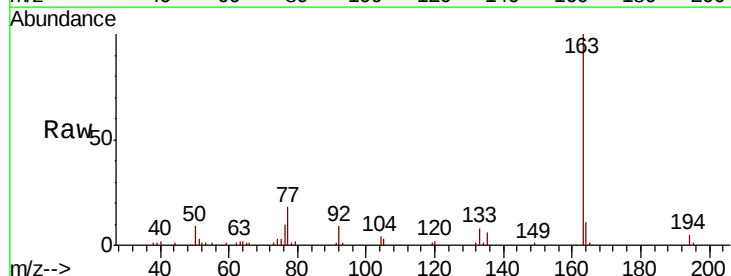
Instrument :
BNA_G
ClientSampleId :
CONCRETE

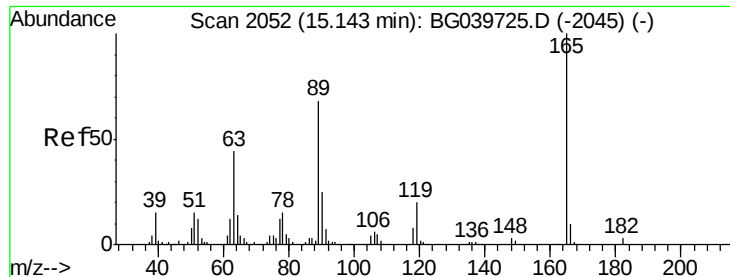
Tot Ion:172 Resp: 609358
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 24.0 20.2 30.4



#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

Tgt Ion:163 Resp: 58134
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.6 8.4 12.6

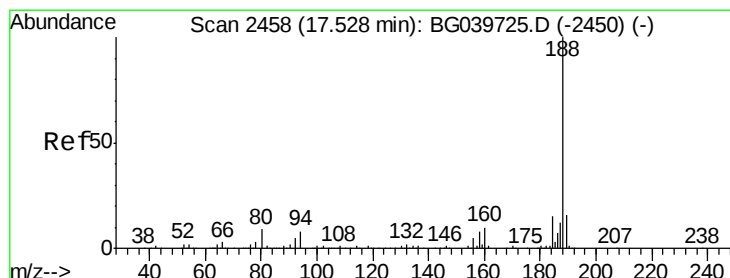
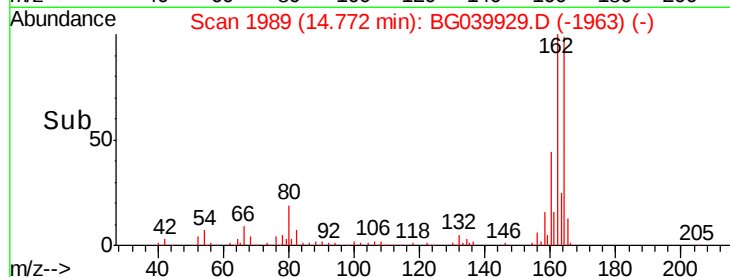
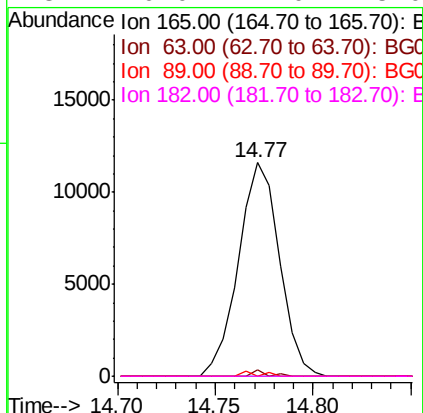
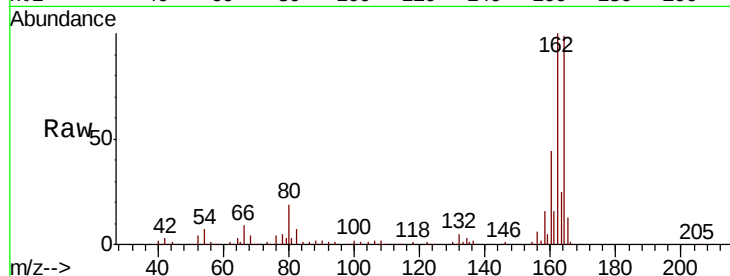




#57
 2,4-Dinitrotoluene
 Concen: 5.148 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039929.D
 Acq: 14 Mar 2019 17:42

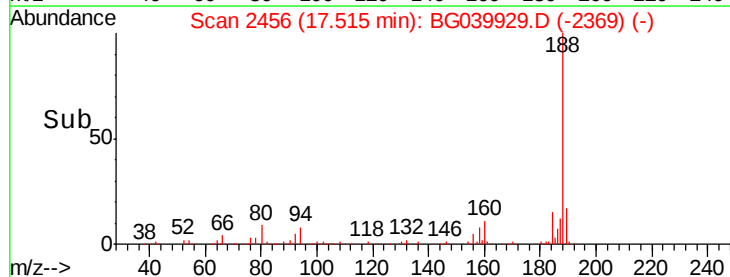
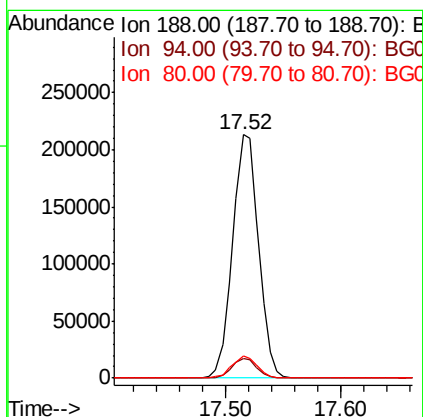
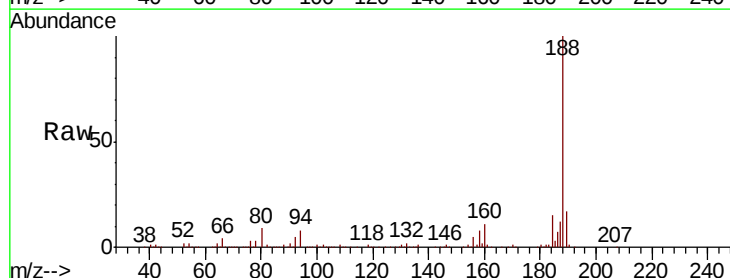
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

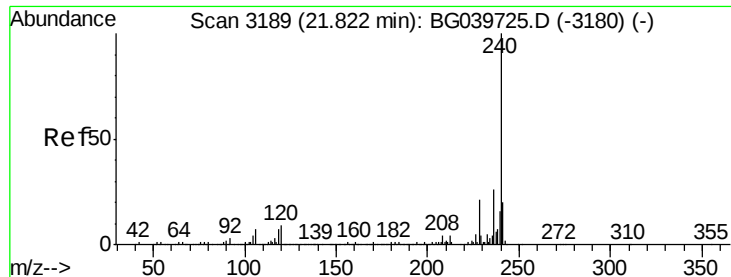
Tot Ion:165	Resp: 16908
Ion Ratio	Lower Upper
165 100	
63 3.2	41.0 61.6#
89 0.0	64.6 96.8#
182 0.0	2.0 3.0#



#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

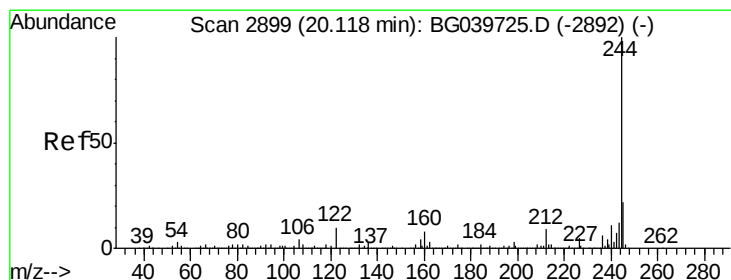
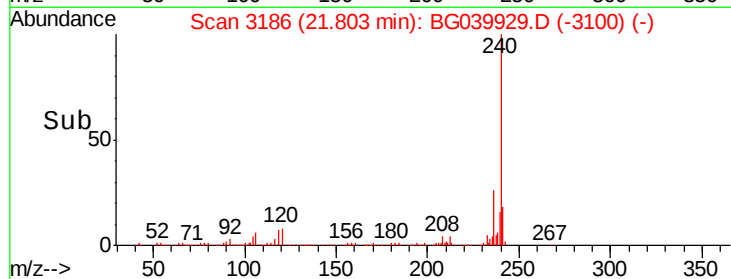
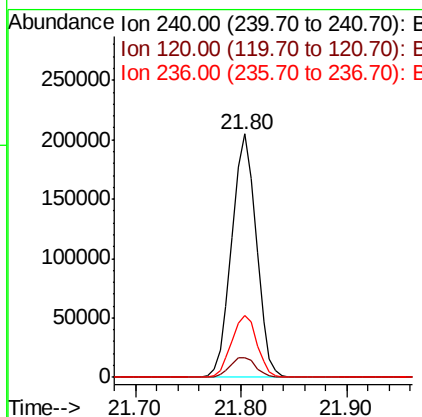
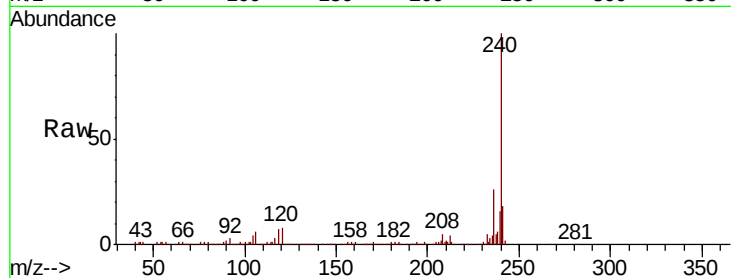




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039929.D
 Acq: 14 Mar 2019 17:42

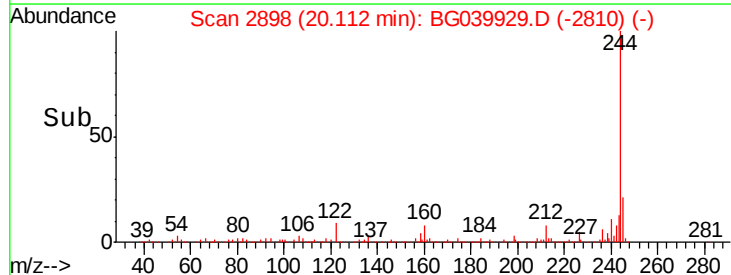
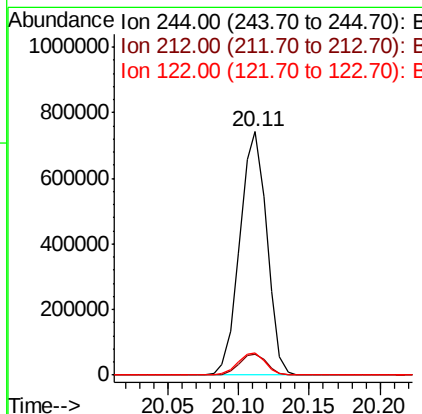
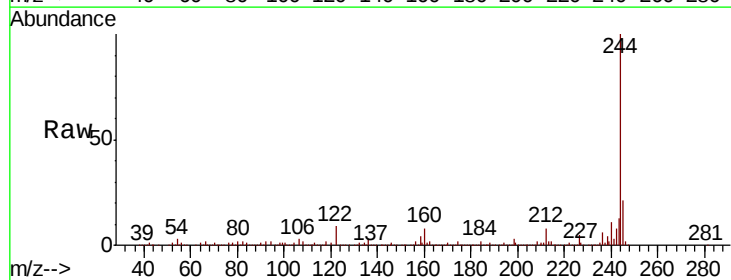
Instrument :
 BNA_G
 ClientSampled :
 CONCRETE

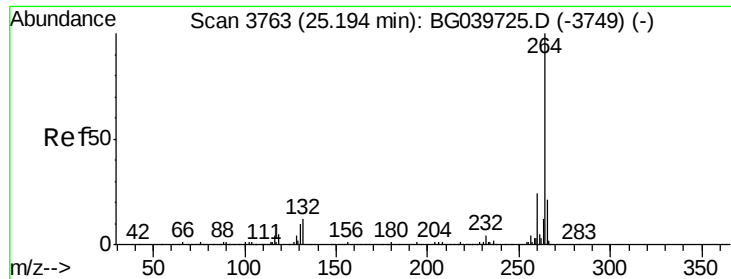
Tot Ion:240 Resp: 330121
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.0 10.6
 236 25.5 21.0 31.4



#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
Pervlone-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	Ion	Ratio	Lower	Upper
343314	264	100		
	260	23.7	18.2	27.4
	265	22.6	18.5	27.7

