

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033066.D
 Acq On : 9 Mar 2018 7:55
 Operator : SJ/JU
 Sample : J1828-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Concrete-Structure

Quant Time: Mar 09 10:12:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	55152	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	237576	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	130455	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	288098	20.00	ng	0.00
75) Chrysene-d12	22.61	240	273642	20.00	ng	0.00
86) Perylene-d12	26.42	264	249432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	491926	142.70	ng	0.00
7) Phenol-d6	8.01	99	598799	124.62	ng	0.00
23) Nitrobenzene-d5	10.11	82	437559	122.82	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	230242	167.85	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	922032	101.94	ng	0.00
78) Terphenyl-d14	20.78	244	1331204	109.30	ng	0.00

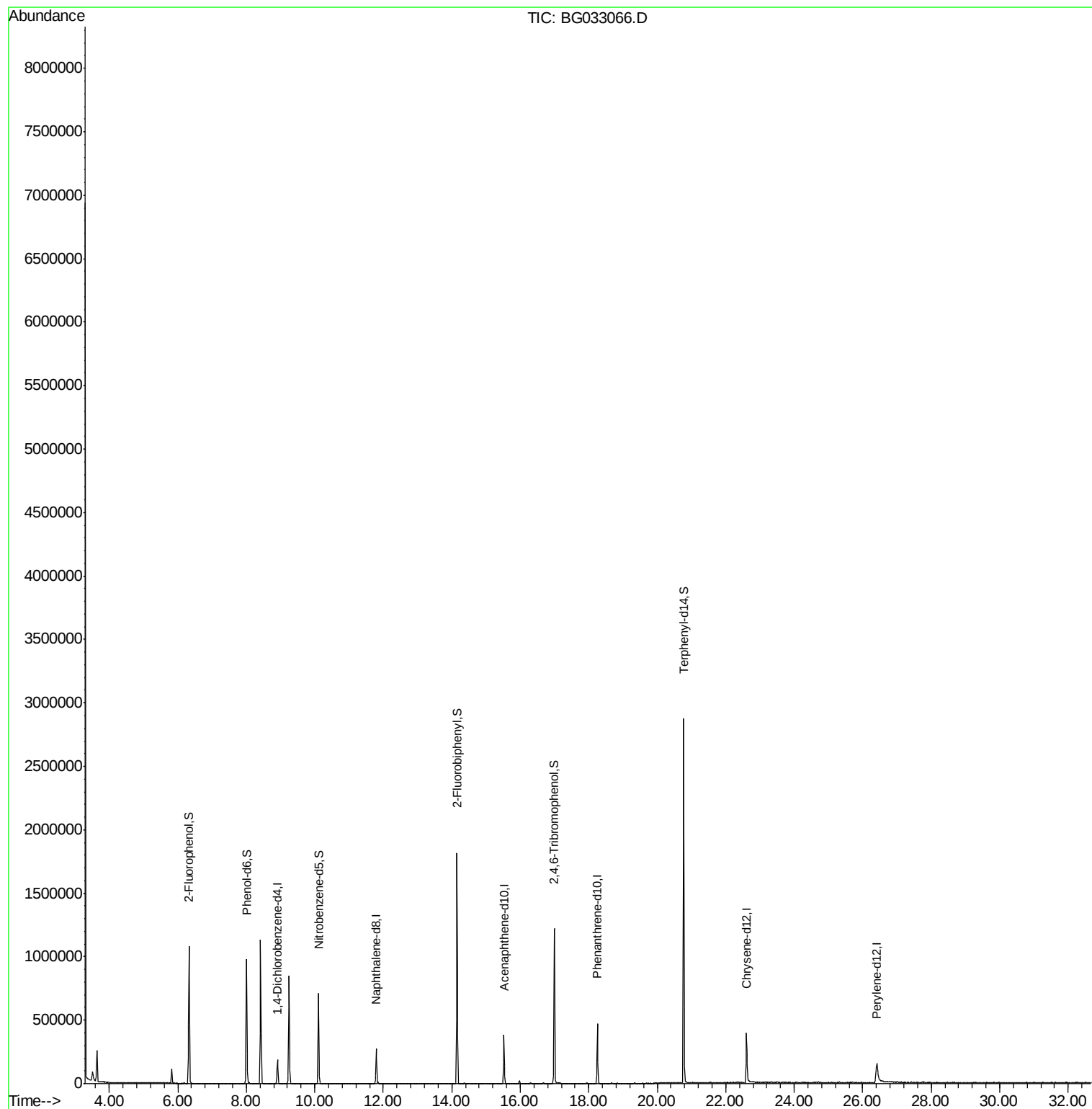
Target Compounds Qvalue

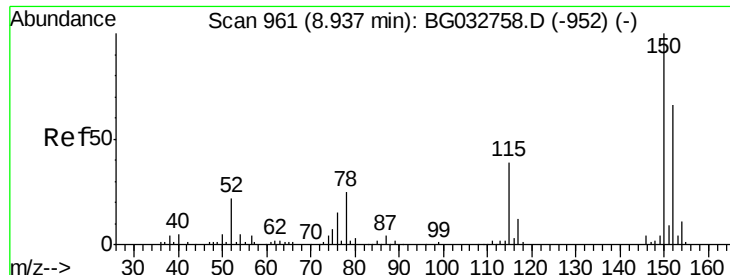
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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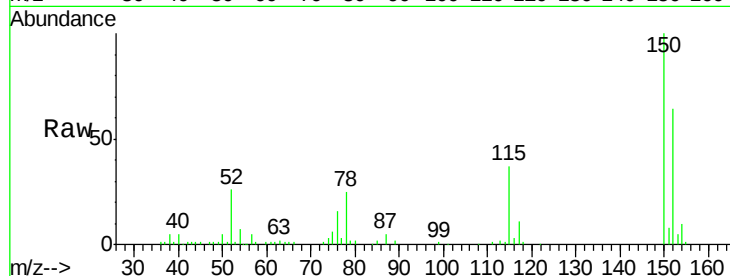


#1

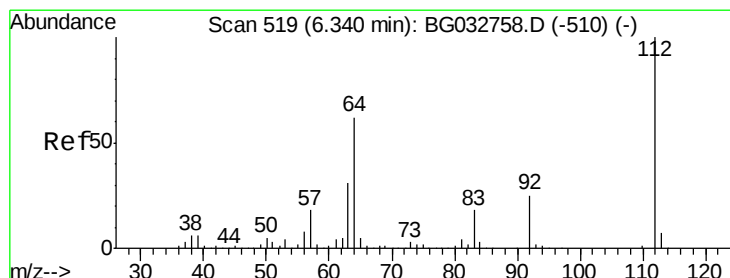
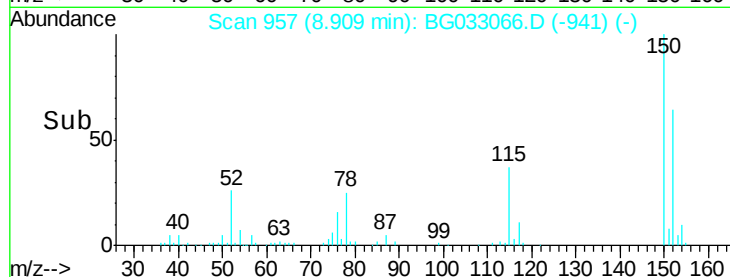
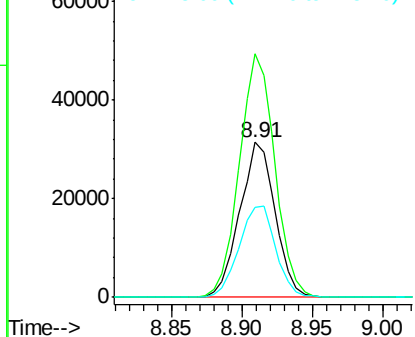
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033066.D
Acq: 9 Mar 2018 7:55

Instrument :
BNA_G
ClientSampleId :
Concrete-Structure

Tot Ion:152 Resp: 55152
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 58.3 53.0 79.4



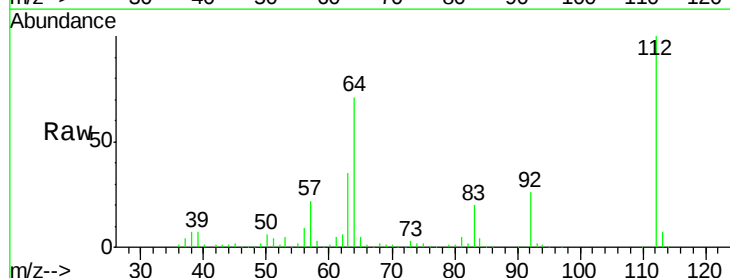
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



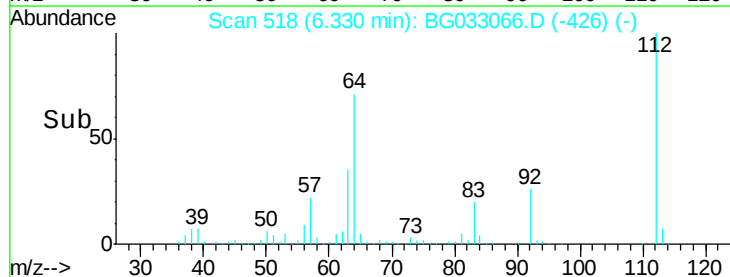
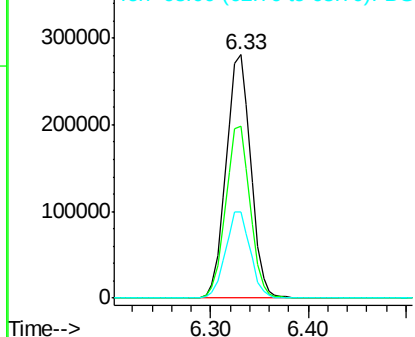
#5

2-Fluorophenol
Concen: 142.698 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033066.D
Acq: 9 Mar 2018 7:55

Tgt Ion:112 Resp: 491926
Ion Ratio Lower Upper
112 100
64 70.7 56.3 84.5
63 35.3 30.1 45.1



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: 124.618 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033066.D

Acq: 9 Mar 2018 7:55

Instrument :

BNA_G

ClientSampleId :

Concrete-Structure

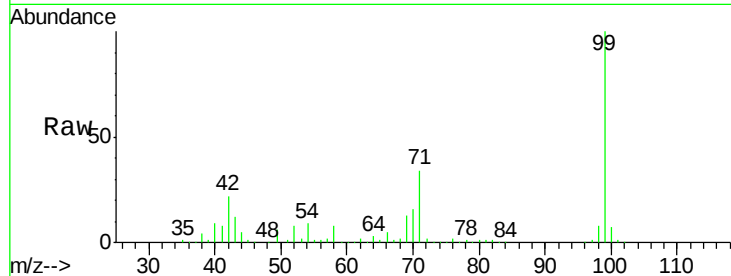
Tot Ion: 99 Resp: 598799

Ion Ratio Lower Upper

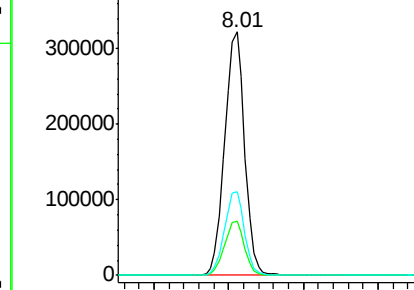
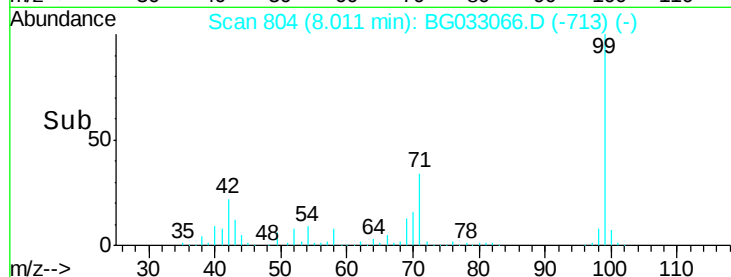
99 100

42 22.4 14.1 21.1#

71 34.4 26.1 39.1



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: 11.79 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033066.D

Acq: 9 Mar 2018 7:55

Tgt Ion: 136 Resp: 237576

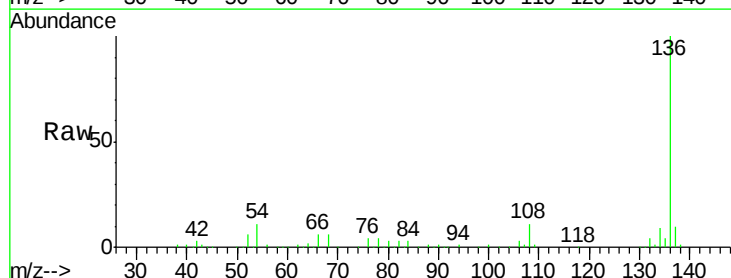
Ion Ratio Lower Upper

136 100

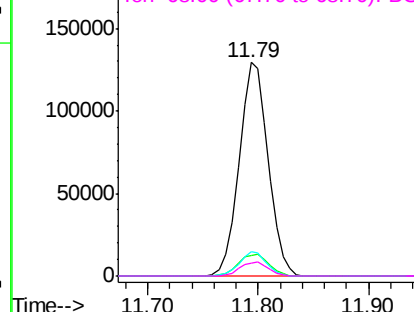
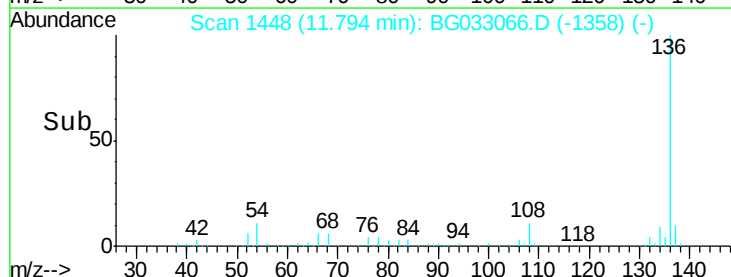
137 9.9 9.2 13.8

54 11.1 10.3 15.5

68 6.2 4.5 6.7



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

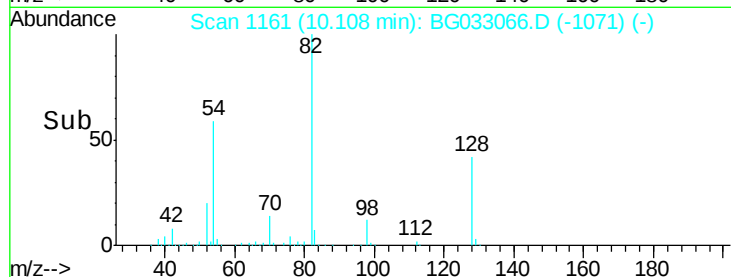
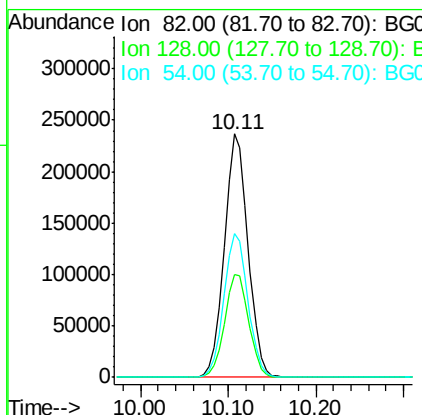
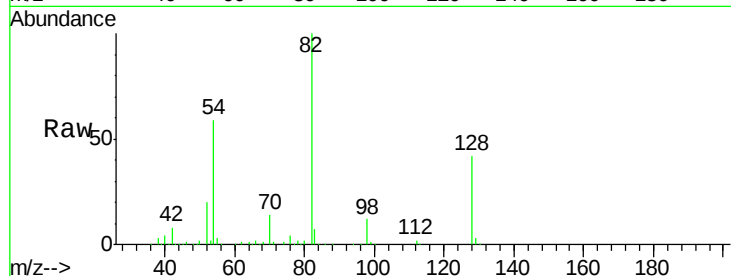




#23
 Nitrobenzene-d5
 Concen: 122.817 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033066.D
 Acq: 9 Mar 2018 7:55

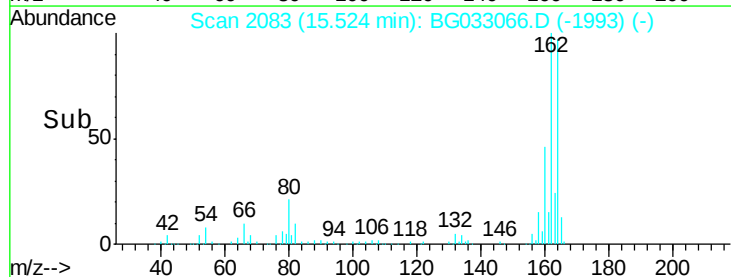
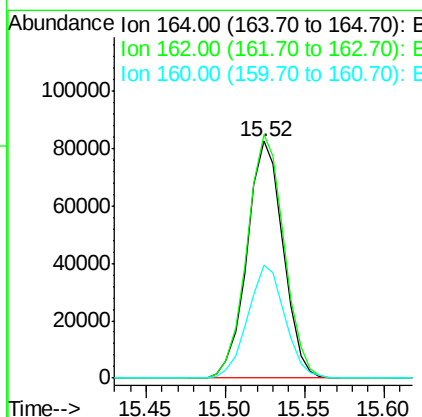
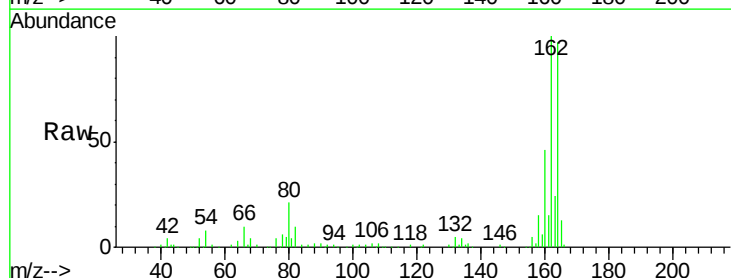
Instrument :
 BNA_G
 ClientSampleId :
 Concrete-Structure

Tot Ion	82	Resp	437559
Ion Ratio	Lower	Upper	
82	100		
128	42.0	29.7	44.5
54	58.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033066.D
 Acq: 9 Mar 2018 7:55

Tgt Ion	164	Resp	130455
Ion Ratio	Lower	Upper	
164	100		
162	102.9	78.8	118.2
160	47.7	35.4	53.0

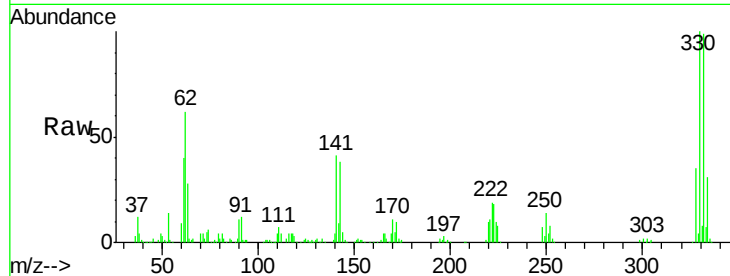




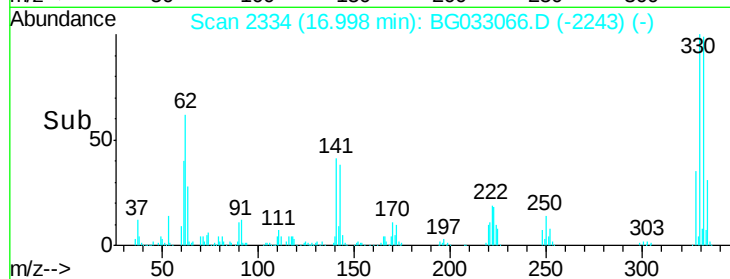
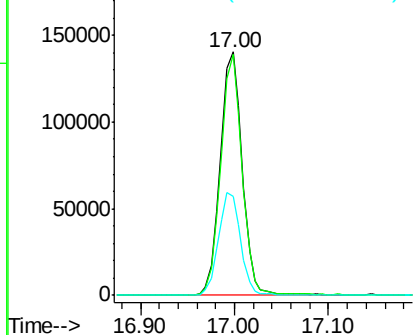
#41
 2,4,6-Tribromophenol
 Concen: 167.853 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033066.D
 Acq: 9 Mar 2018 7:55

Instrument :
 BNA_G
 ClientSampleId :
 Concrete-Structure

Tot Ion:330 Resp: 230242
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 42.7 25.2 37.8#

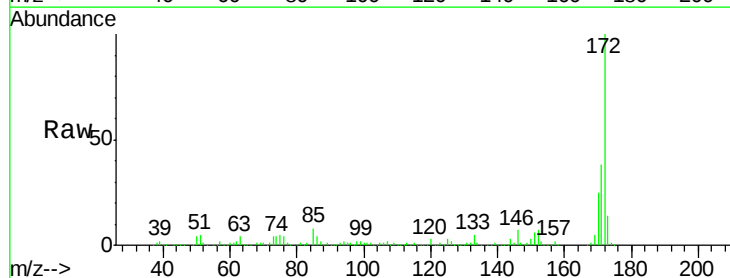


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

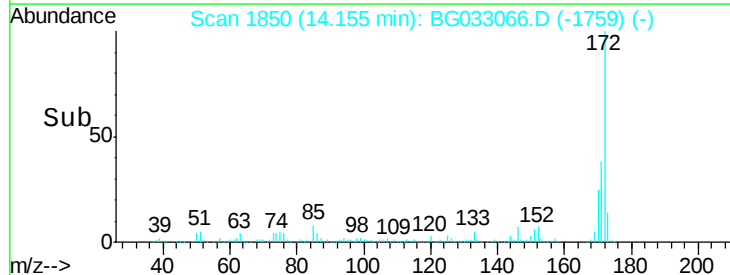
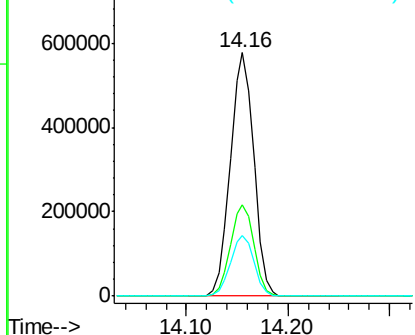


#44
 2-Fluorobiphenyl
 Concen: 101.936 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033066.D
 Acq: 9 Mar 2018 7:55

Tgt Ion:172 Resp: 922032
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.7 19.5 29.3



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

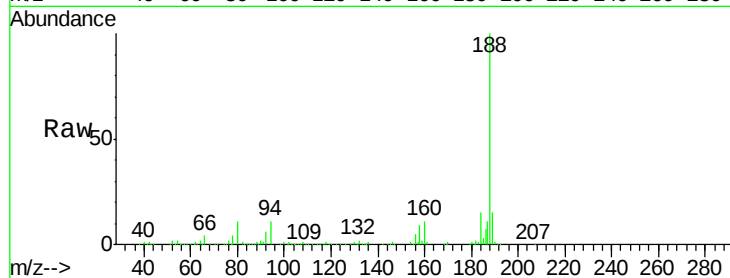




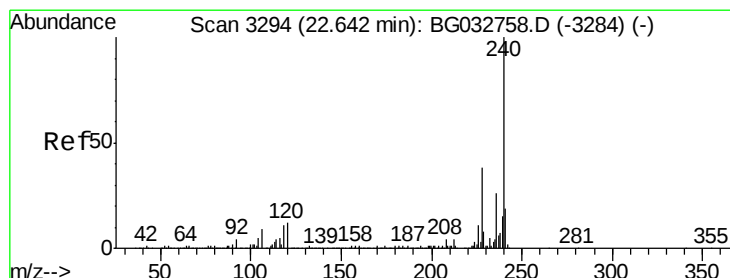
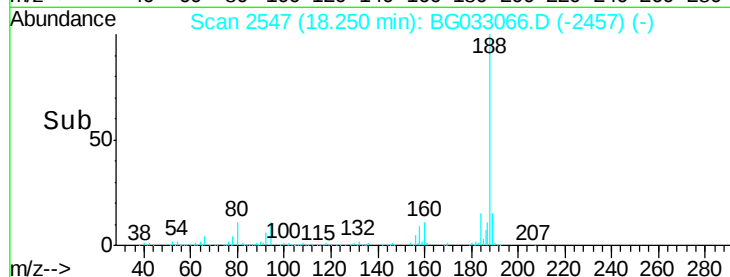
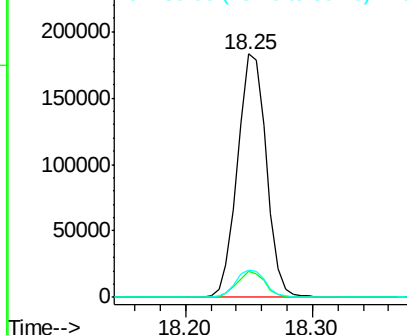
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033066.D
Acq: 9 Mar 2018 7:55

Instrument :
BNA_G
ClientSampleId :
Concrete-Structure

Tot Ion:188 Resp: 288098
Ion Ratio Lower Upper
188 100
94 10.7 6.9 10.3#
80 11.1 7.7 11.5

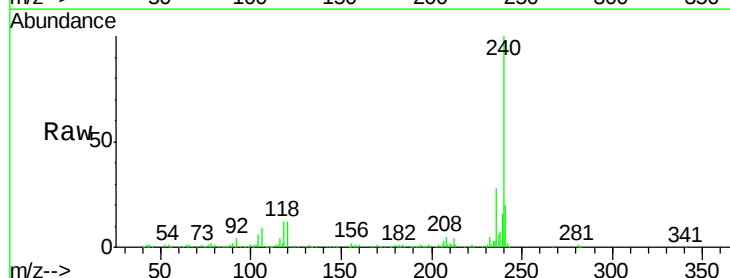


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

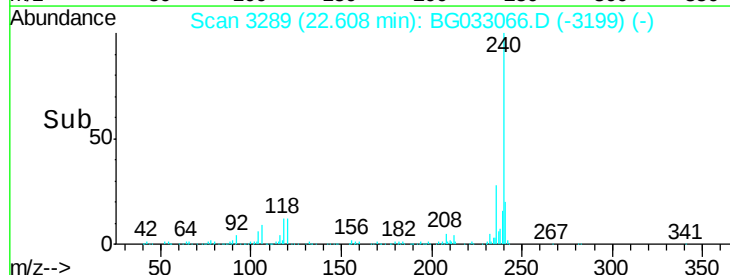
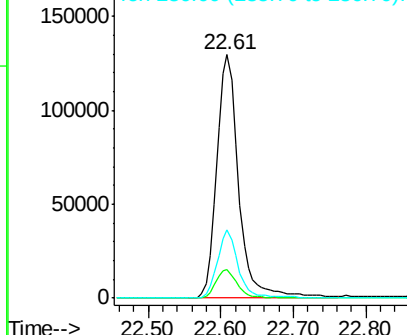


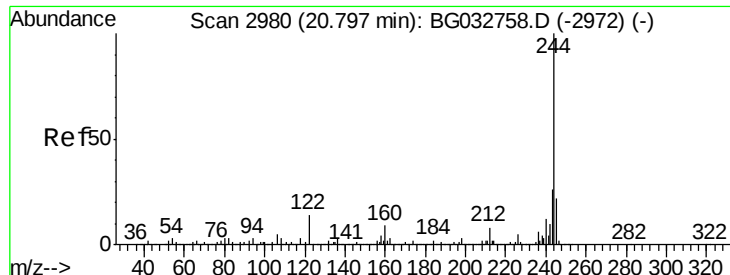
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033066.D
Acq: 9 Mar 2018 7:55

Tgt Ion:240 Resp: 273642
Ion Ratio Lower Upper
240 100
120 11.9 6.8 10.2#
236 28.1 20.9 31.3



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





#78

Terphenyl-d14

Concen: 109.298 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BG033066.D

Acq: 9 Mar 2018 7:55

Instrument :

BNA_G

ClientSampleId :

Concrete-Structure

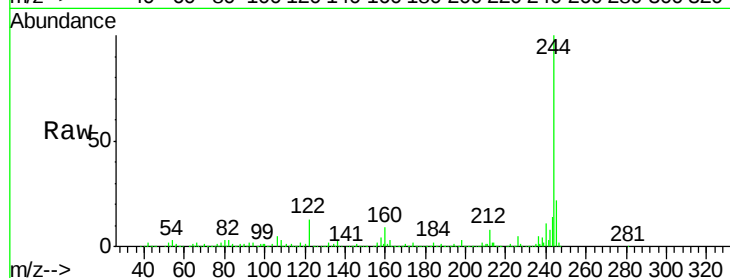
Tot Ion:244 Resp: 1331204

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

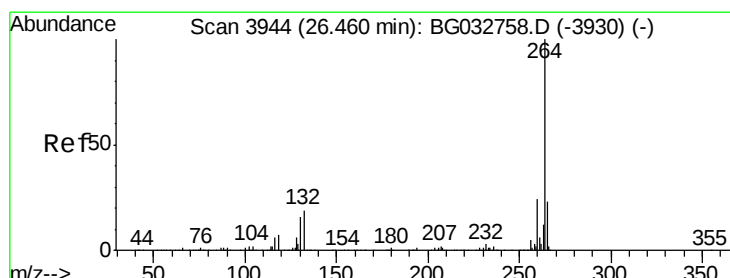
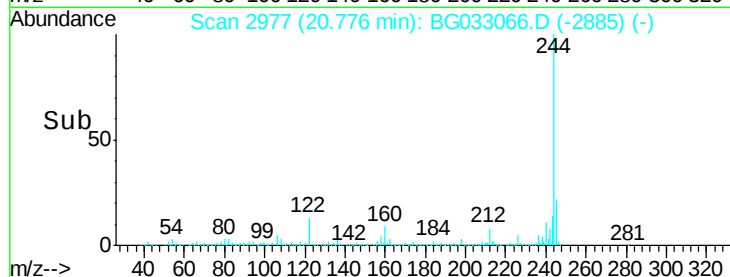
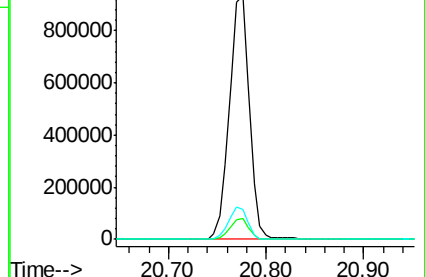
122 12.5 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.42 min Scan# 3937

Delta R.T. 0.01 min

Lab File: BG033066.D

Acq: 9 Mar 2018 7:55

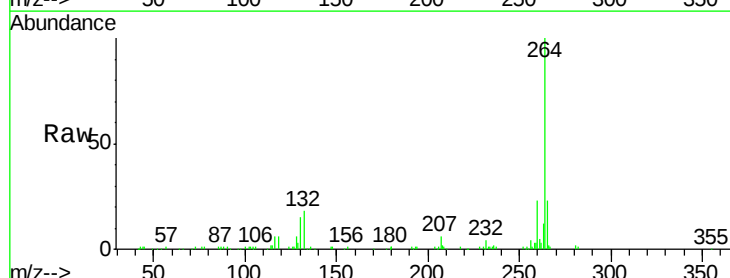
Tgt Ion:264 Resp: 249432

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

