

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033045.D
 Acq On : 8 Mar 2018 17:53
 Operator : SJ/JU
 Sample : J1828-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Concrete-Structure

Quant Time: Mar 09 02:23:38 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

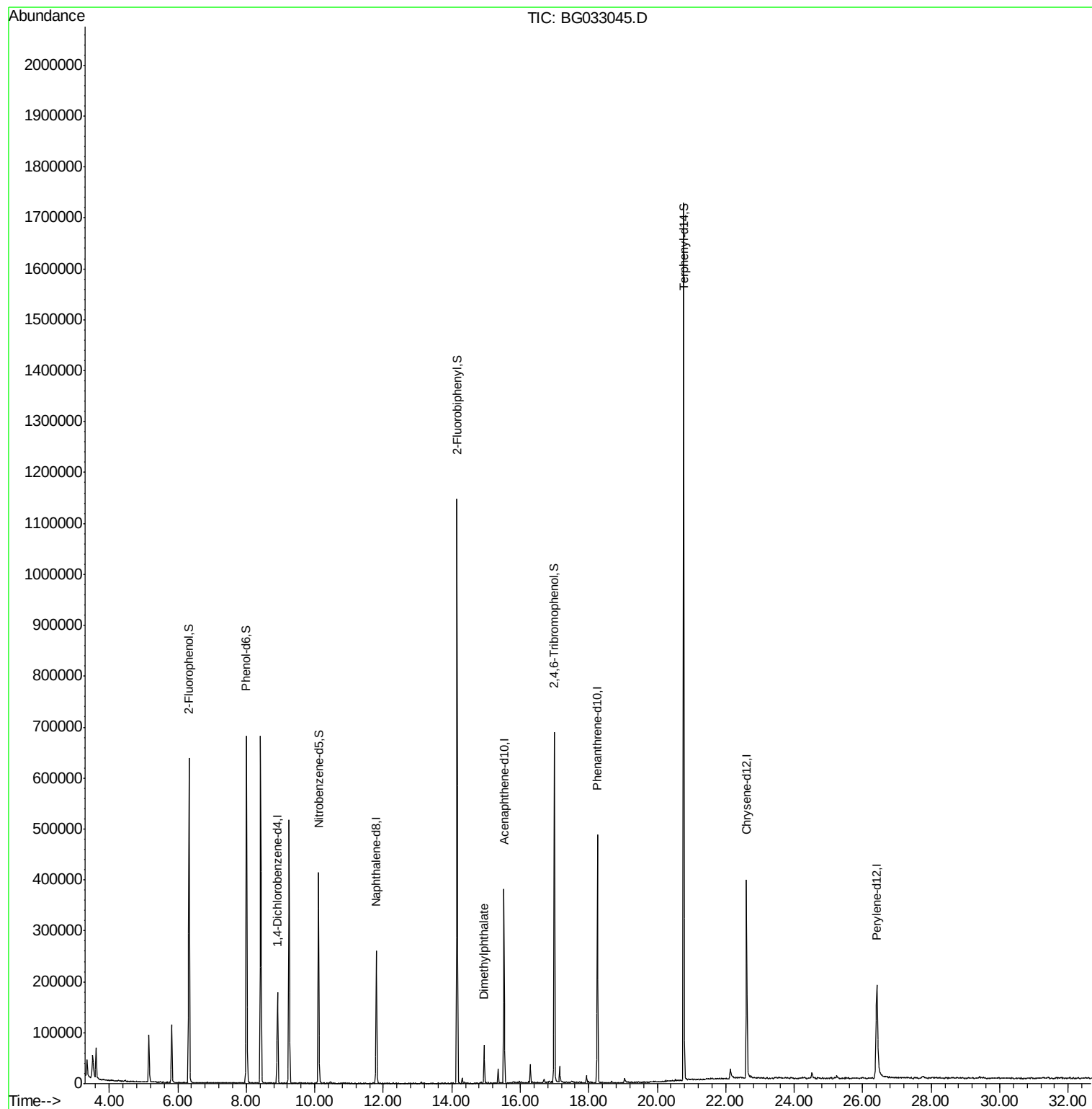
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	53975	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	230446	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	129440	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	289100	20.00	ng	0.00
75) Chrysene-d12	22.61	240	260264	20.00	ng	0.00
86) Perylene-d12	26.41	264	255870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	302120	89.55	ng	0.00
7) Phenol-d6	8.01	99	426577	90.71	ng	0.00
23) Nitrobenzene-d5	10.11	82	260893	79.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	121338	89.15	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	581471	64.79	ng	0.00
78) Terphenyl-d14	20.77	244	809890	69.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.94	163	47059	4.282	ng	99

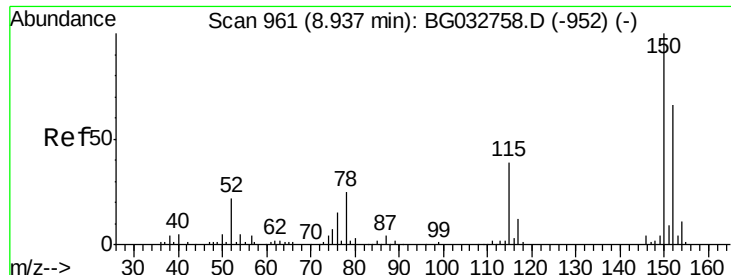
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



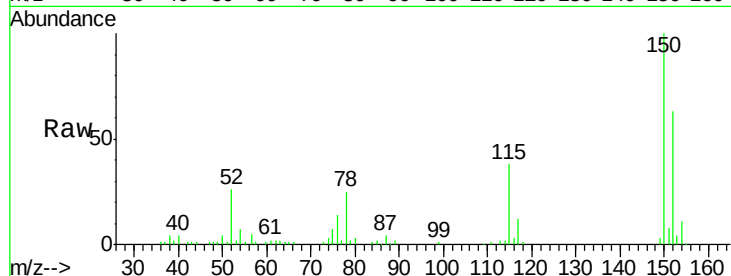


#1

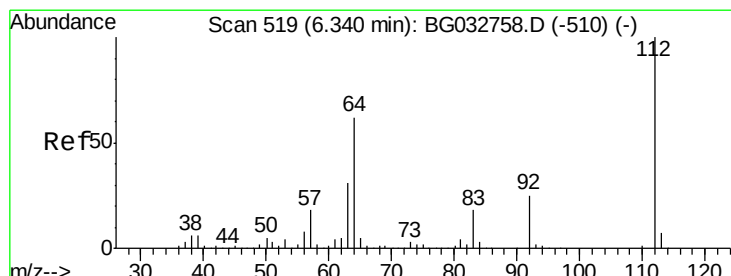
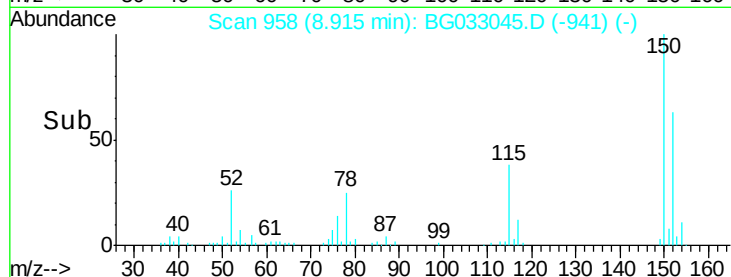
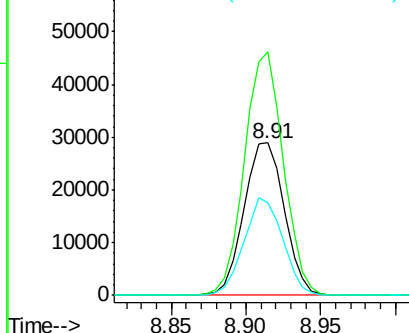
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :
Concrete-Structure

Tot Ion:152 Resp: 53975
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 60.8 53.0 79.4



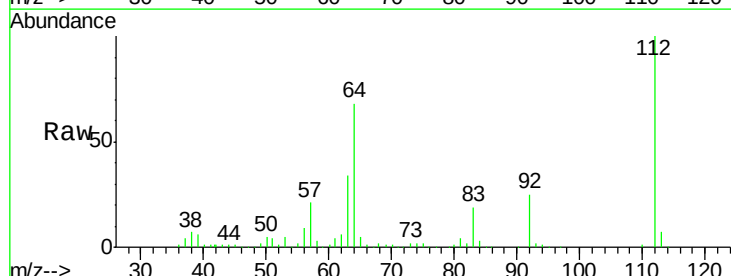
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



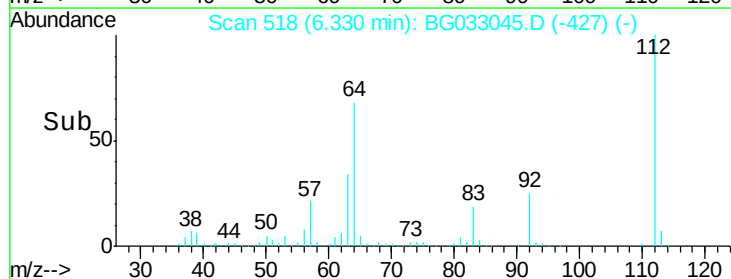
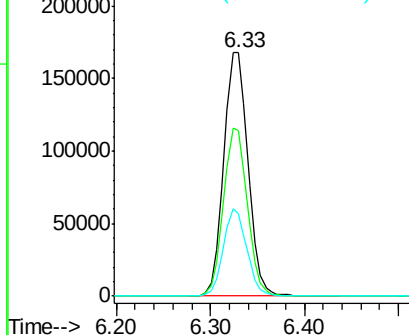
#5

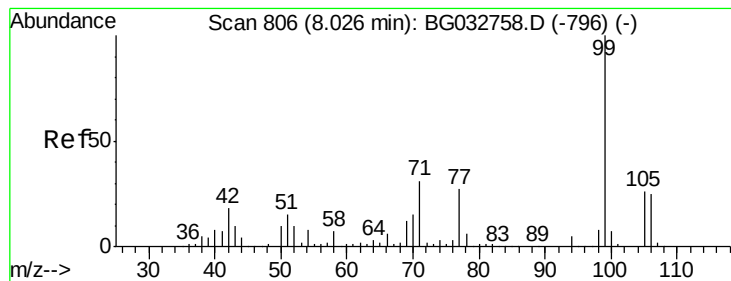
2-Fluorophenol
Concen: 89.550 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Tgt Ion:112 Resp: 302120
Ion Ratio Lower Upper
112 100
64 67.8 56.3 84.5
63 34.0 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: 90.712 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

Concrete-Structure

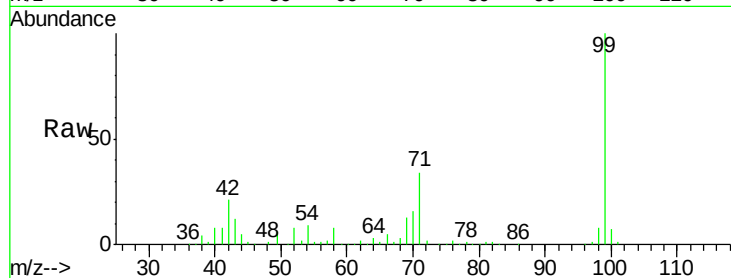
Tot Ion: 99 Resp: 426577

Ion Ratio Lower Upper

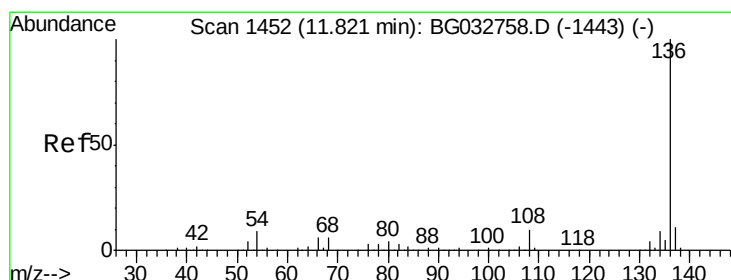
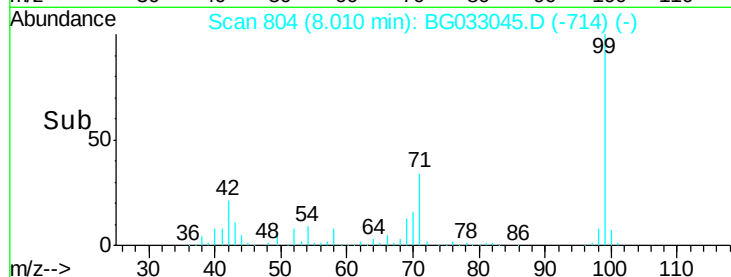
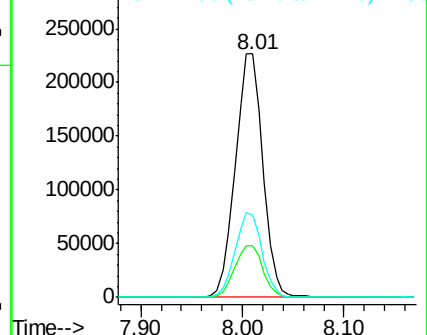
99 100

42 21.0 14.1 21.1

71 34.0 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: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Tgt Ion: 136 Resp: 230446

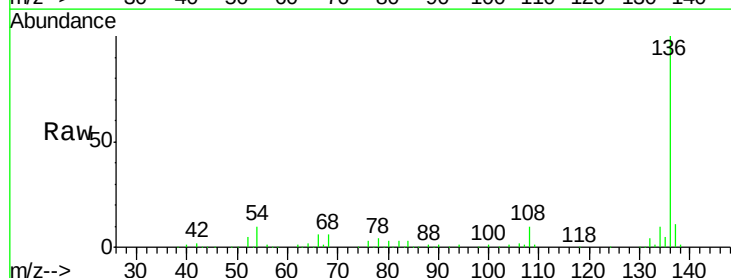
Ion Ratio Lower Upper

136 100

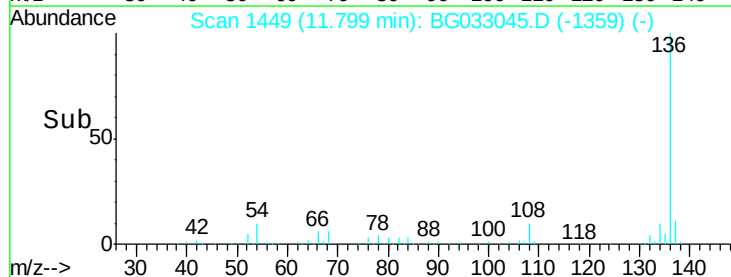
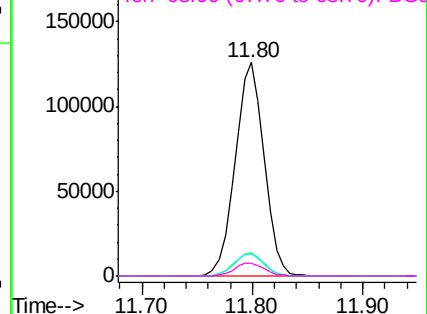
137 10.5 9.2 13.8

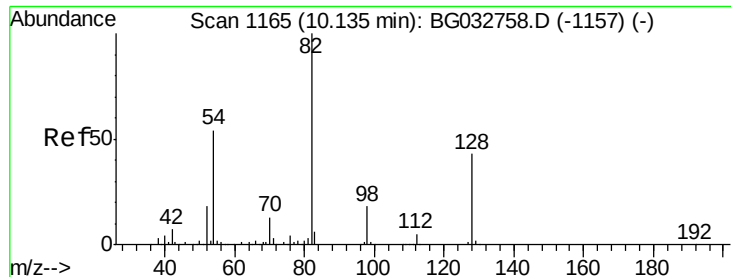
54 10.2 10.3 15.5#

68 5.9 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

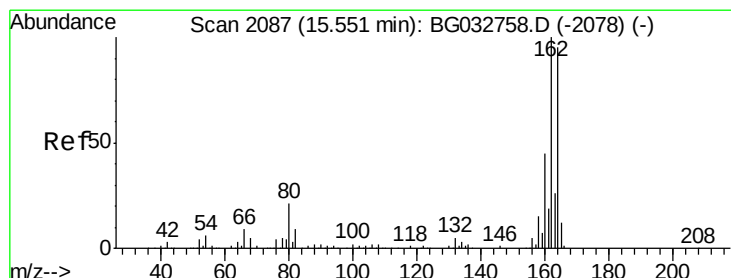
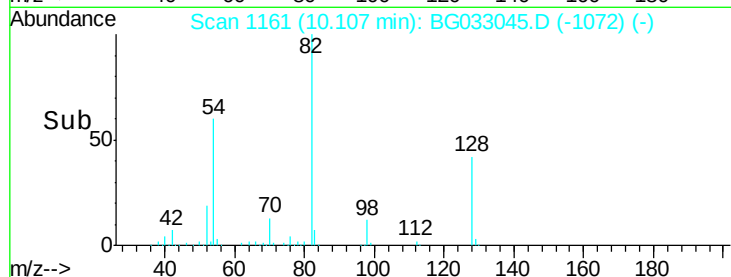
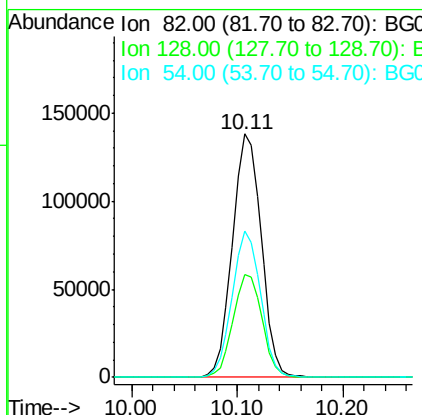
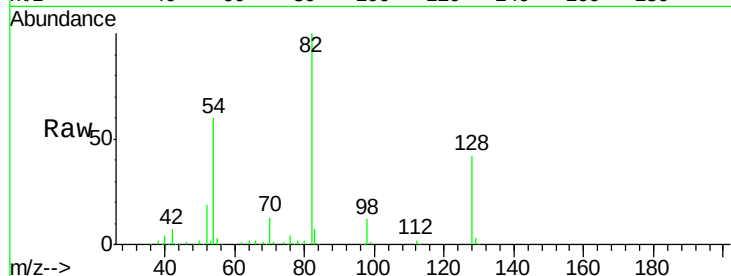




#23
 Nitrobenzene-d5
 Concen: 79.314 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

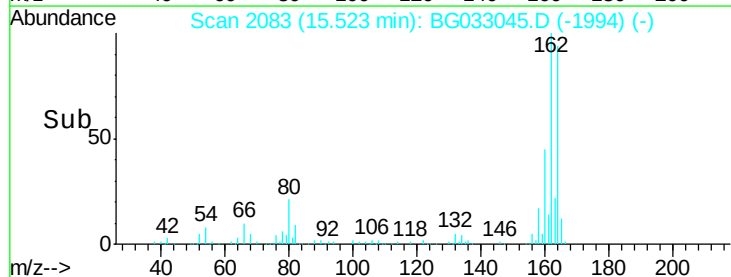
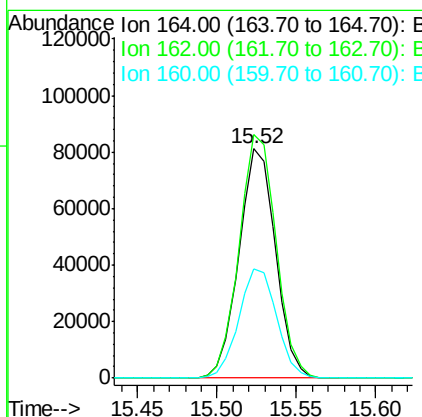
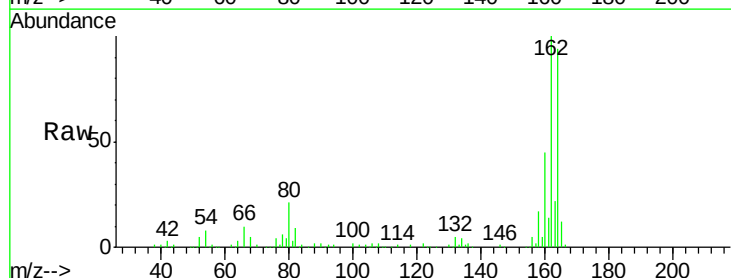
Instrument :
 BNA_G
 ClientSampleId :
 Concrete-Structure

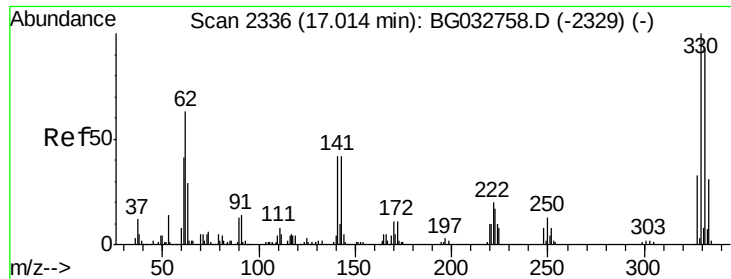
Tot Ion	82	Resp	260893
Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	59.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Tgt Ion	164	Resp	129440
Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	47.8	35.4	53.0

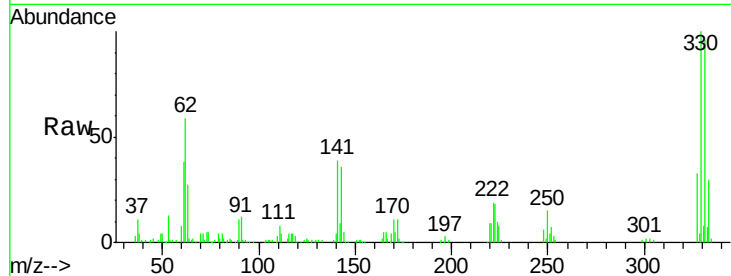




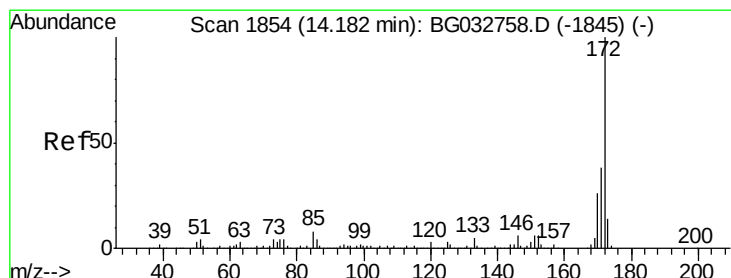
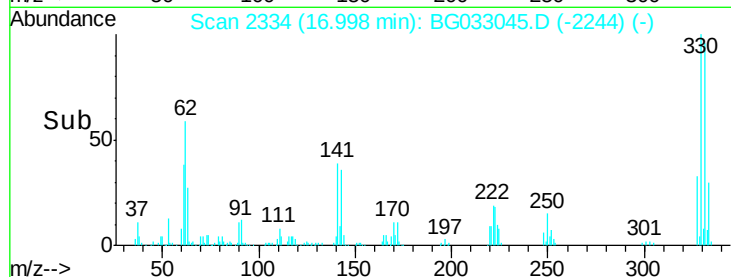
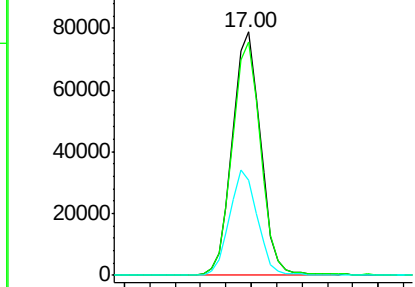
#41
 2,4,6-Tribromophenol
 Concen: 89.152 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 Concrete-Structure

Tot Ion:330 Resp: 121338
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 42.7 25.2 37.8#

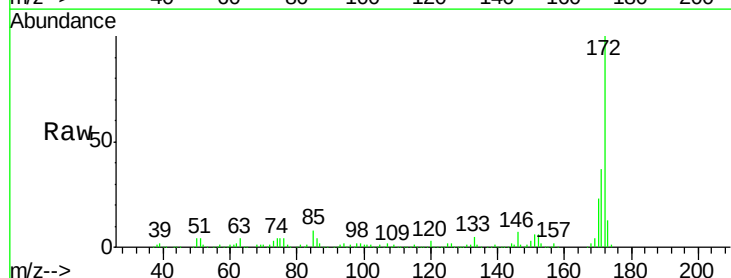


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

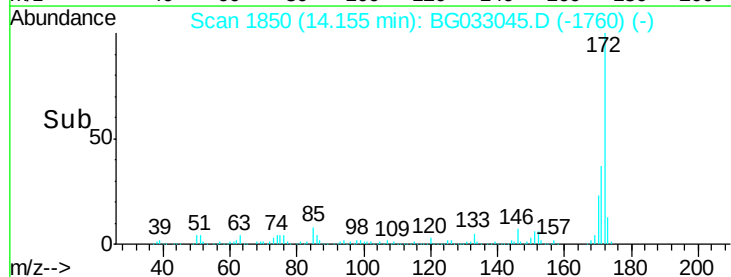
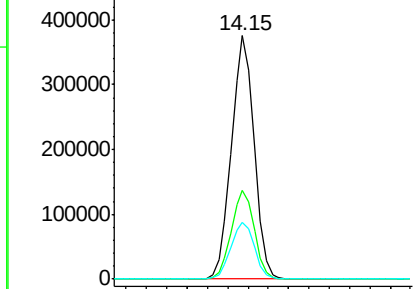


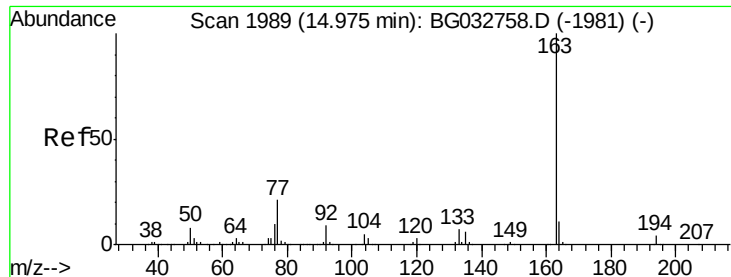
#44
 2-Fluorobiphenyl
 Concen: 64.789 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Tgt Ion:172 Resp: 581471
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.4 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





#49

Dimethylphthalate

Concen: 4.282 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

Concrete-Structure

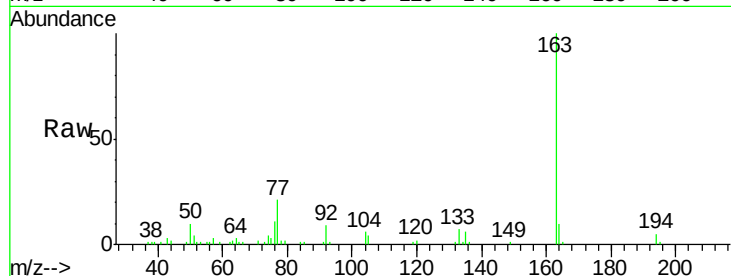
Tot Ion:163 Resp: 47059

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

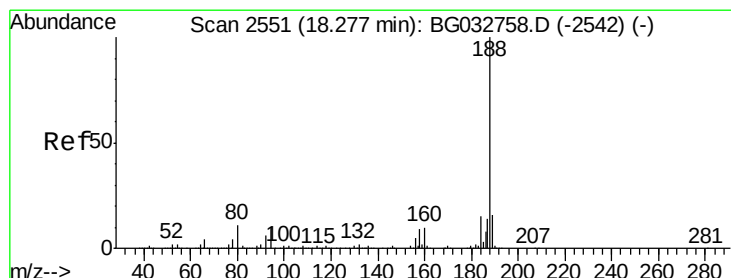
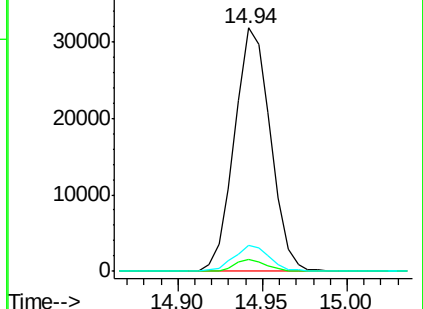
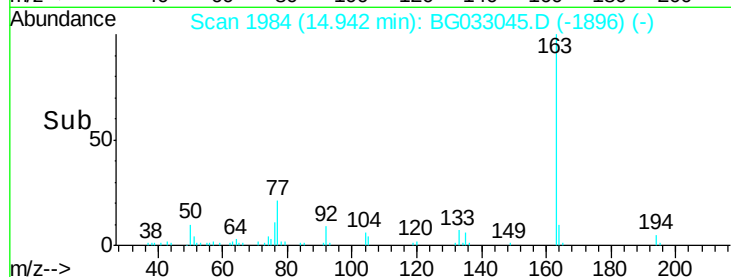
164 10.4 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

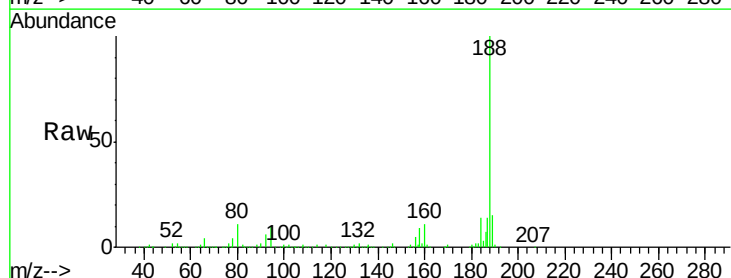
Tgt Ion:188 Resp: 289100

Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

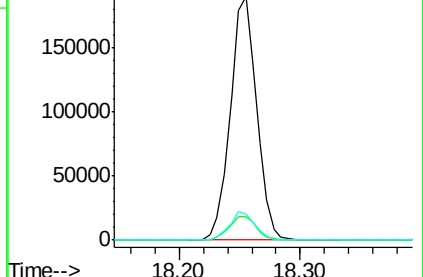
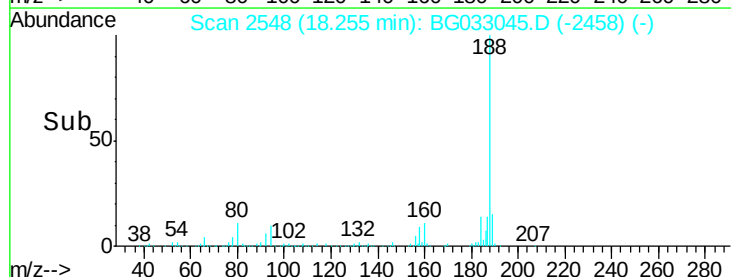
80 10.9 7.7 11.5

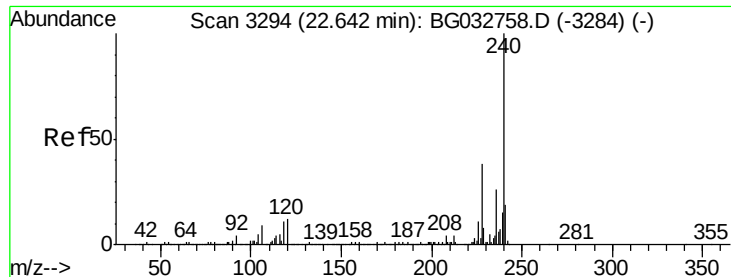


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

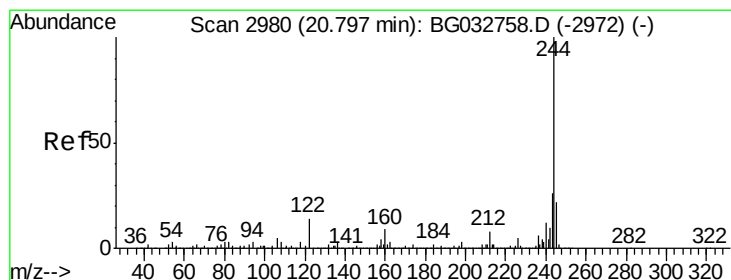
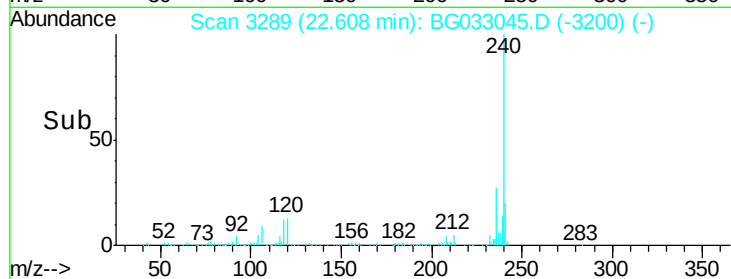
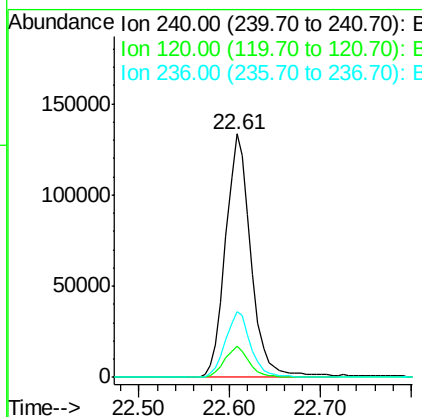
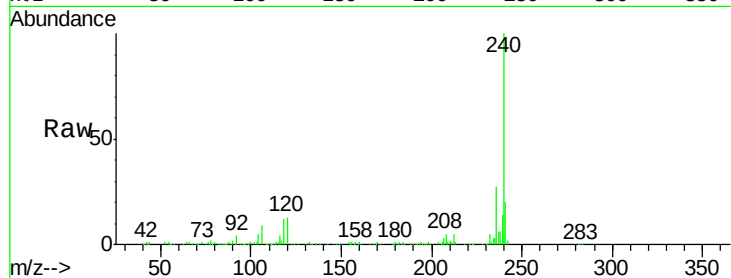




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

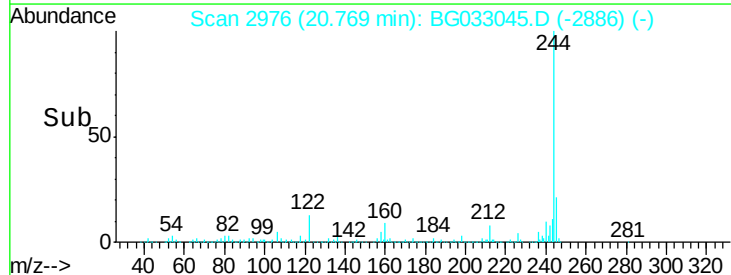
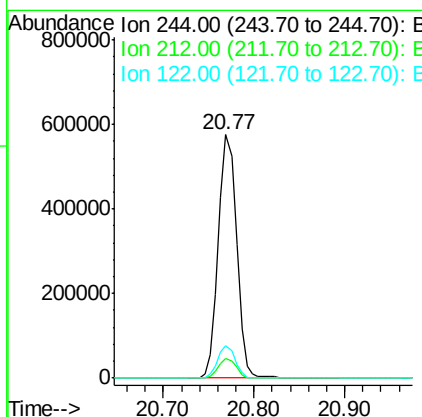
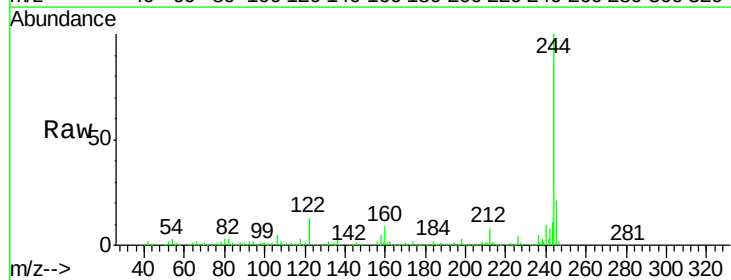
Instrument :
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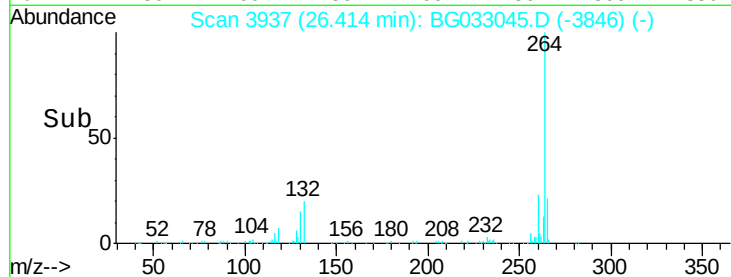
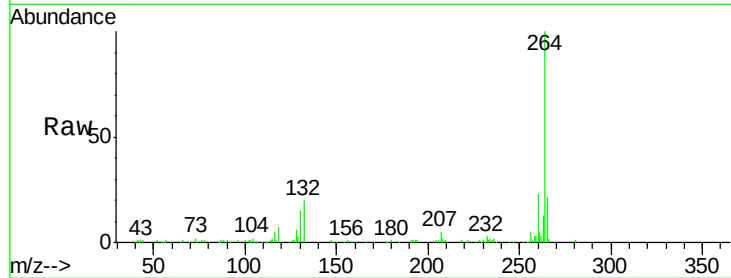
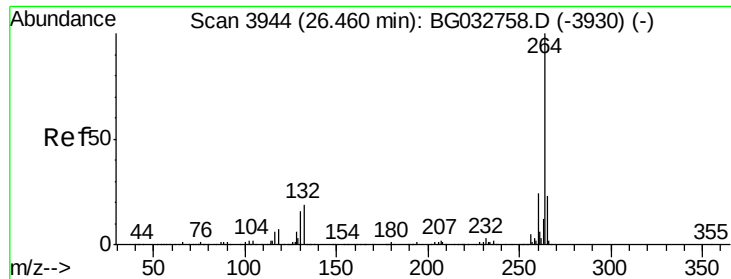
Tot Ion:240 Resp: 260264
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.8 10.2#
 236 26.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 69.914 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Tgt Ion:244 Resp: 809890
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 13.1 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3937

Delta R.T. 0.01 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

Concrete-Structure

Tot Ion:264 Resp: 255870

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.5 17.7 26.5

