

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030518.D
 Acq On : 28 Oct 2017 4:39
 Operator : SJ/JU
 Sample : I6101-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(1+2)

Quant Time: Oct 28 06:25:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69746	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	328770	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	218197	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	509446	20.00	ng	0.00
75) Chrysene-d12	21.80	240	515683	20.00	ng	0.00
86) Perylene-d12	25.12	264	499604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	523926	125.49	ng	0.00
7) Phenol-d6	7.32	99	651728	111.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	473536	91.53	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	339253	120.42	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1292362	86.87	ng	0.00
78) Terphenyl-d14	20.12	244	1891287	83.43	ng	0.00

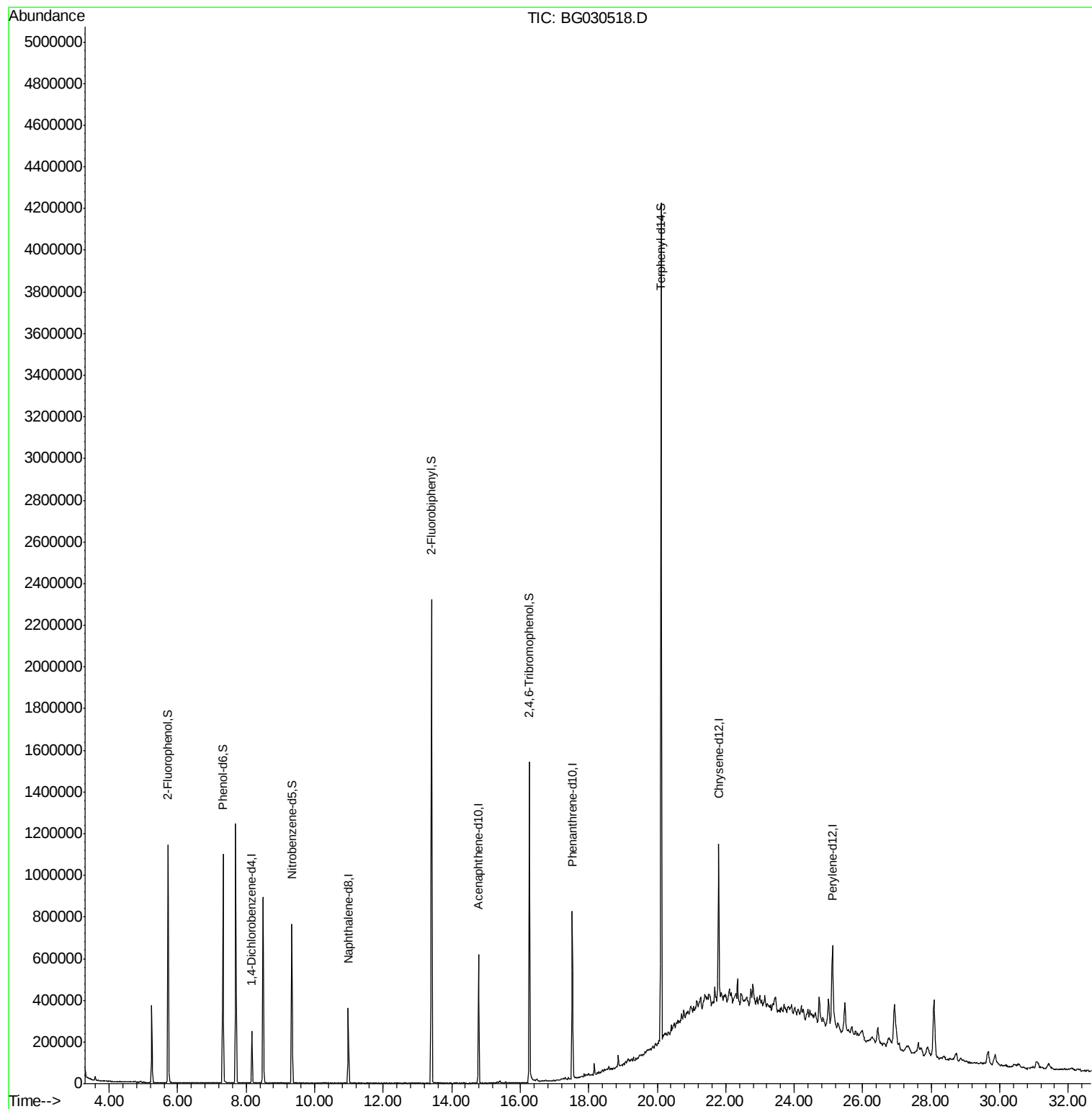
Target Compounds Qvalue

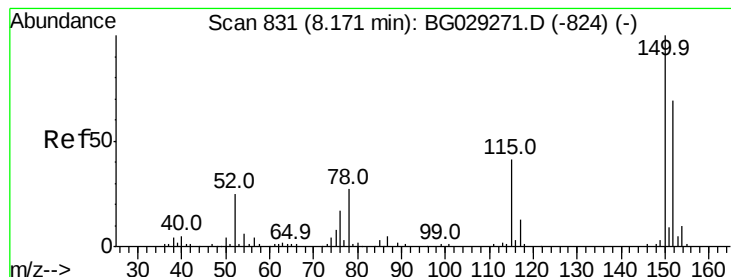
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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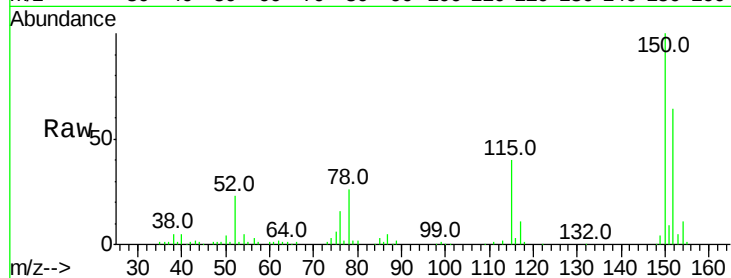


#1

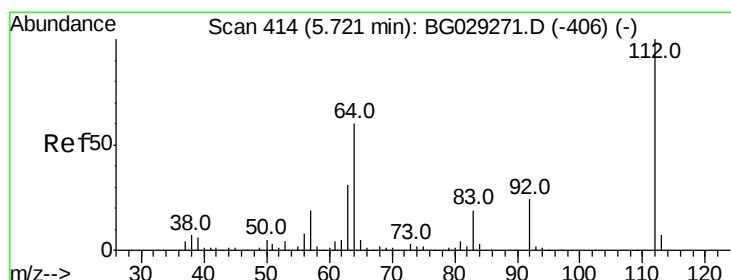
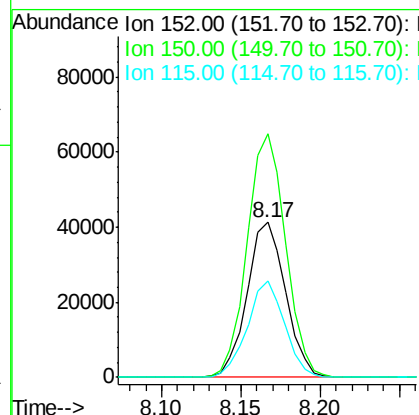
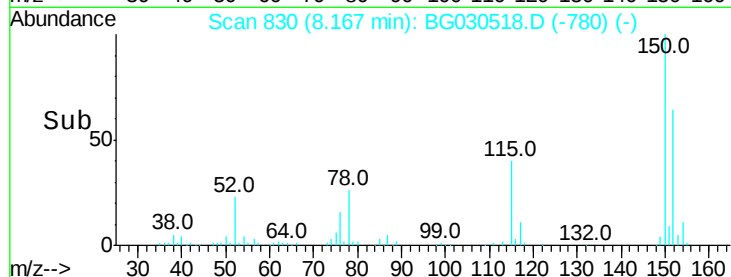
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030518.D
Acq: 28 Oct 2017 4:39

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(1+2)

Tot Ion:152 Resp: 69746
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 62.3 53.0 79.4



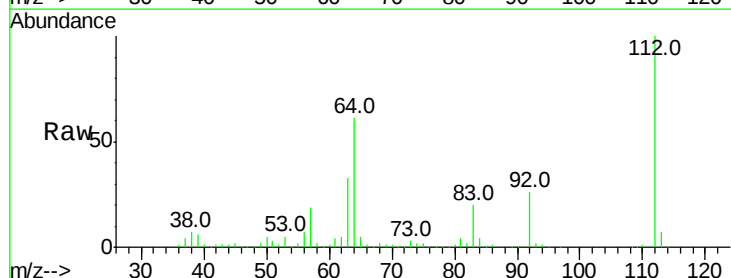
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



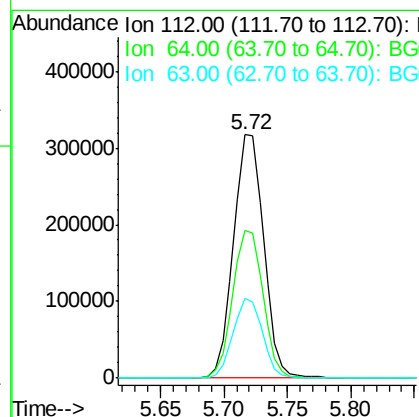
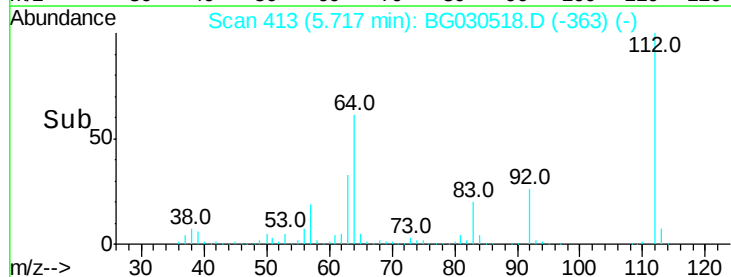
#5

2-Fluorophenol
Concen: 125.490 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030518.D
Acq: 28 Oct 2017 4:39

Tgt Ion:112 Resp: 523926
Ion Ratio Lower Upper
112 100
64 60.7 56.3 84.5
63 32.9 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: 111.211 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030518.D

Acq: 28 Oct 2017 4:39

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(1+2)

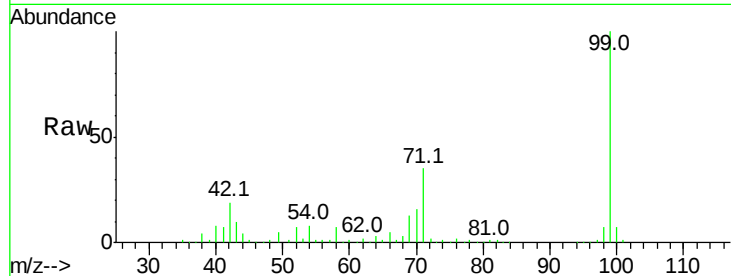
Tot Ion: 99 Resp: 651728

Ion Ratio Lower Upper

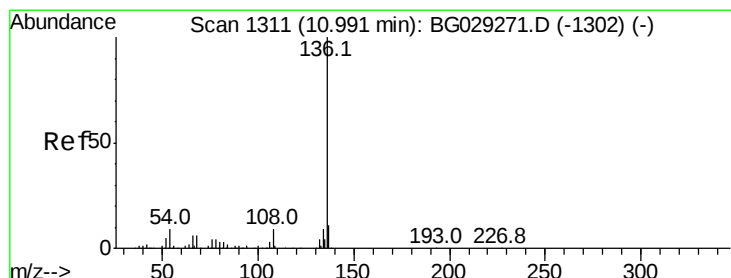
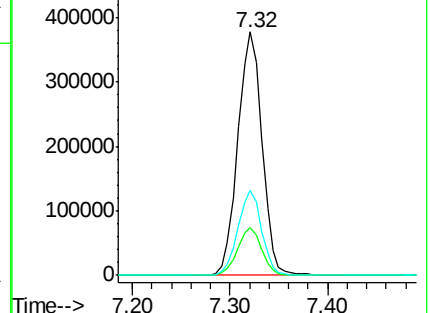
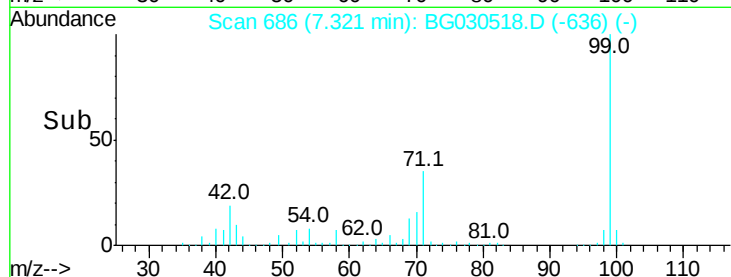
99 100

42 19.4 14.1 21.1

71 34.6 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030518.D

Acq: 28 Oct 2017 4:39

Tgt Ion: 136 Resp: 328770

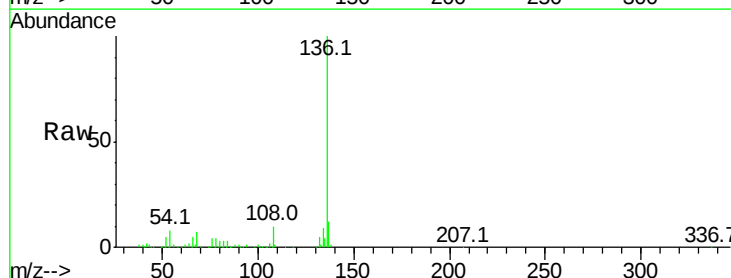
Ion Ratio Lower Upper

136 100

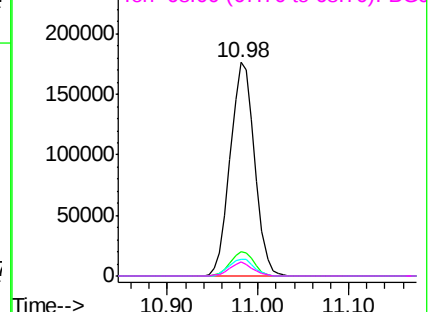
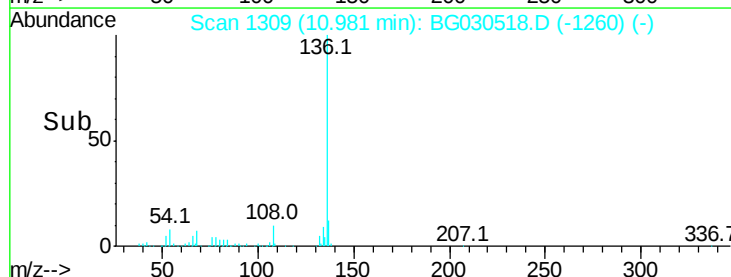
137 11.5 9.2 13.8

54 7.8 10.3 15.5#

68 6.8 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

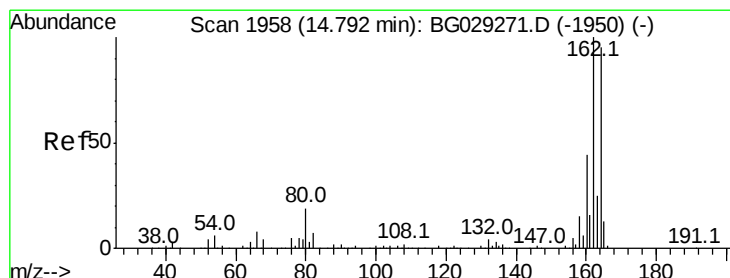
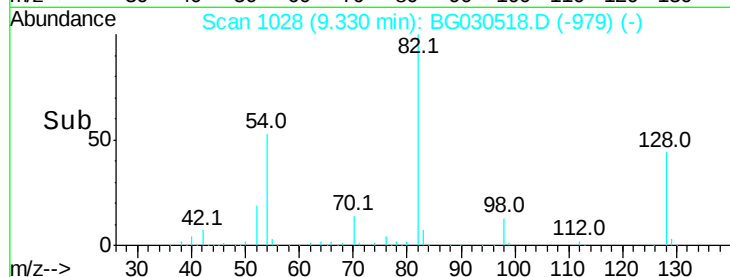
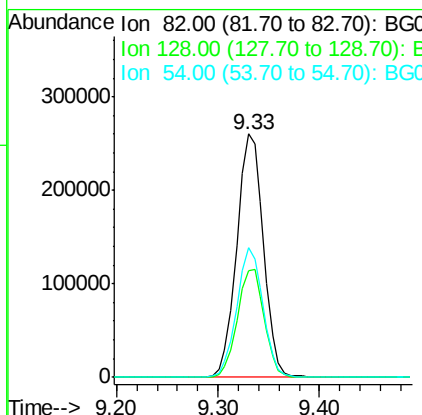
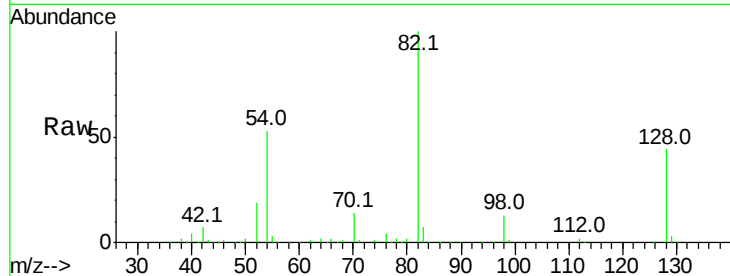




#23
 Nitrobenzene-d5
 Concen: 91.529 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030518.D
 Acq: 28 Oct 2017 4:39

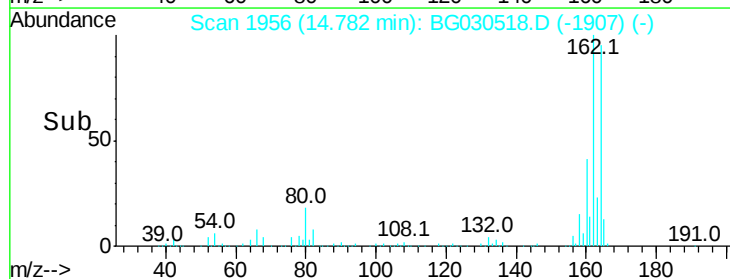
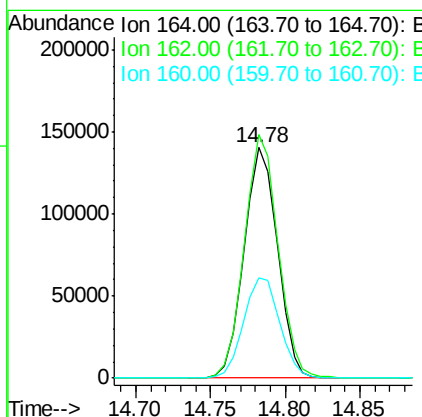
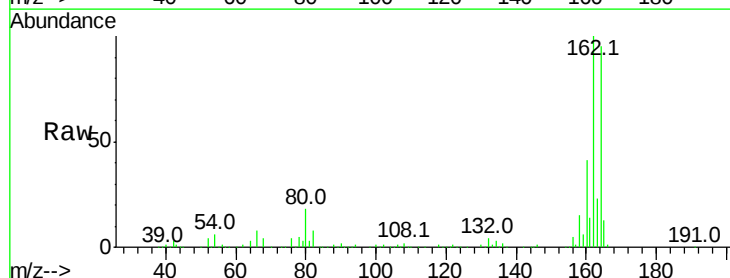
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(1+2)

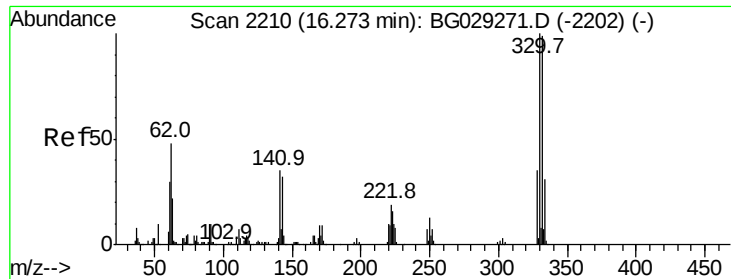
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	53.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030518.D
 Acq: 28 Oct 2017 4:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	43.6	35.4	53.0

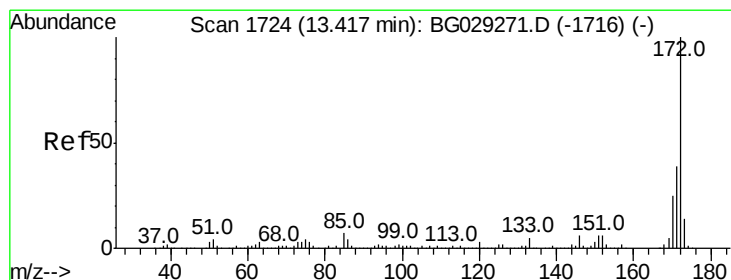
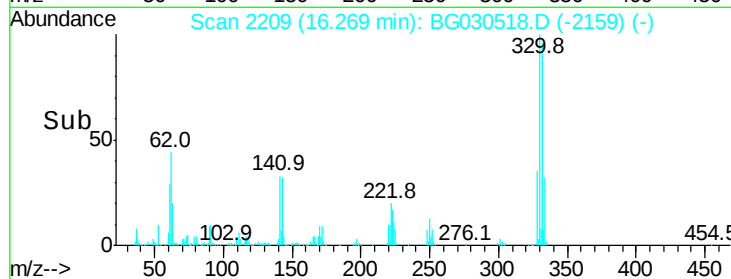
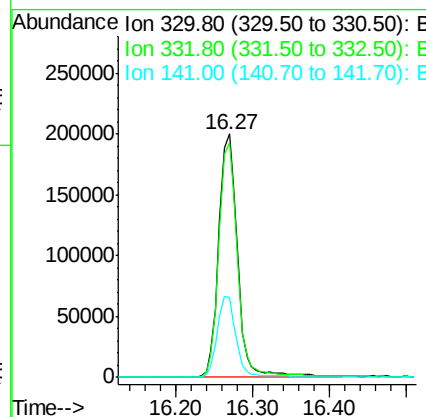
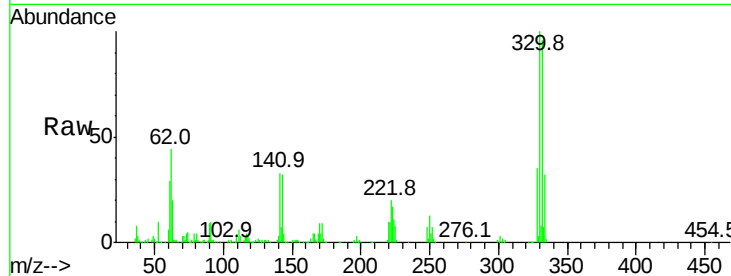




#41
 2,4,6-Tribromophenol
 Concen: 120.424 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030518.D
 Acq: 28 Oct 2017 4:39

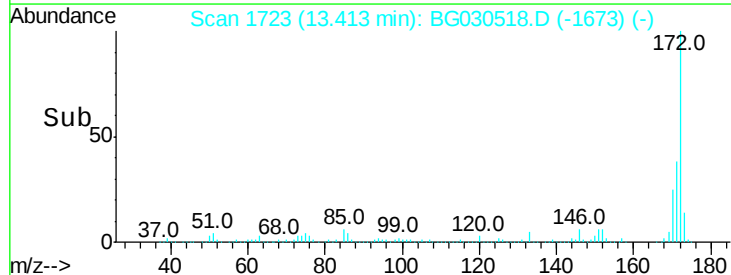
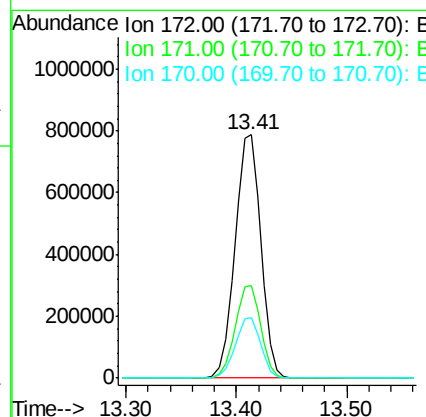
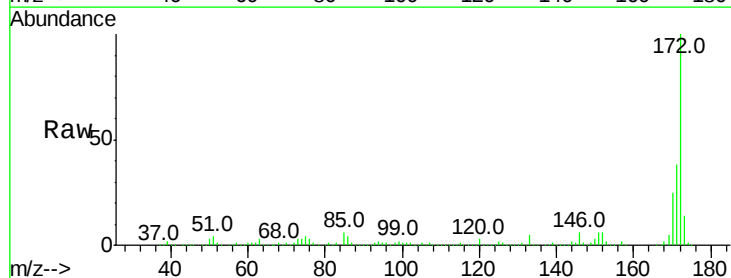
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(1+2)

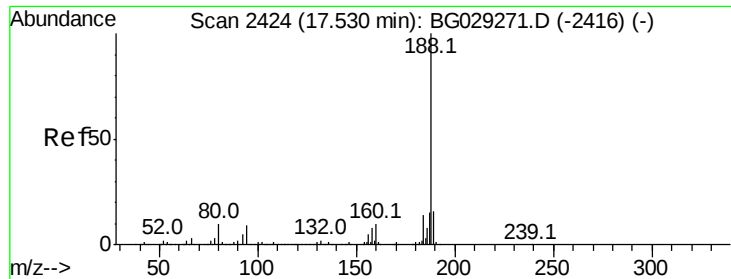
Tot Ion:330 Resp: 339253
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.6 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 86.869 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030518.D
 Acq: 28 Oct 2017 4:39

Tgt Ion:172 Resp: 1292362
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.8 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030518.D

Acq: 28 Oct 2017 4:39

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(1+2)

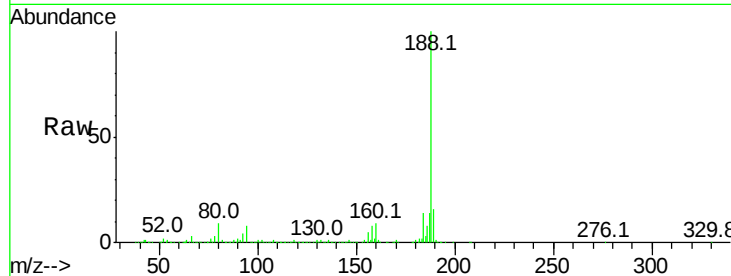
Tot Ion:188 Resp: 509446

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

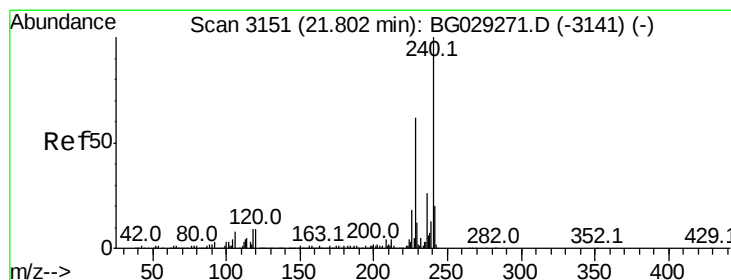
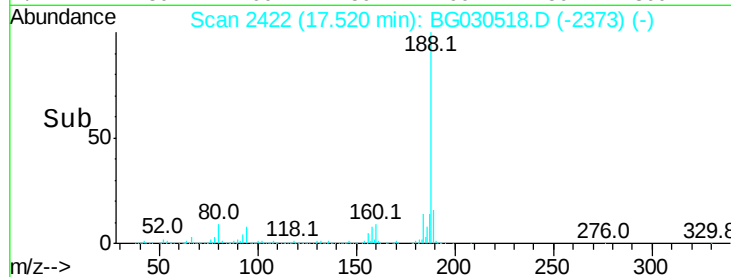
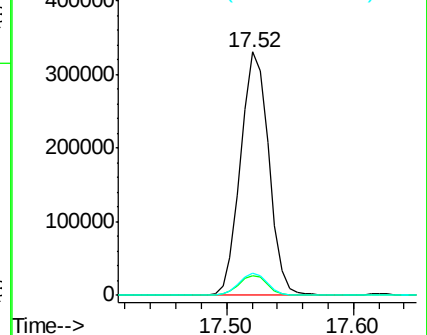
80 9.1 7.7 11.5



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: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030518.D

Acq: 28 Oct 2017 4:39

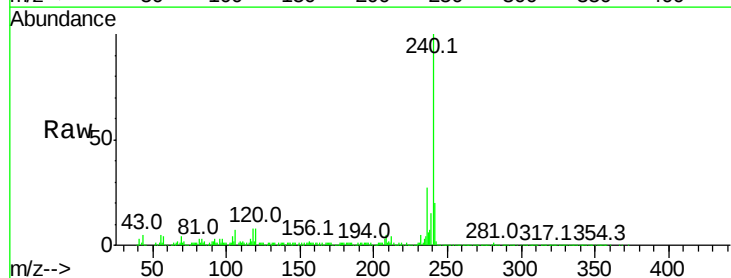
Tgt Ion:240 Resp: 515683

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

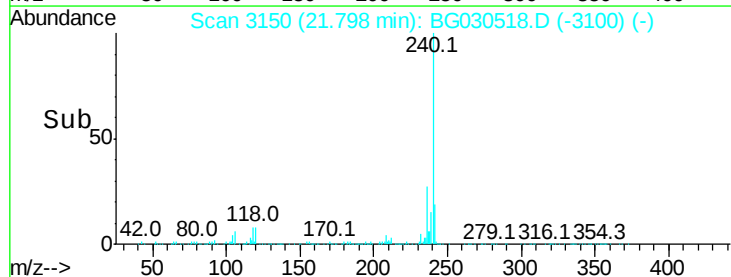
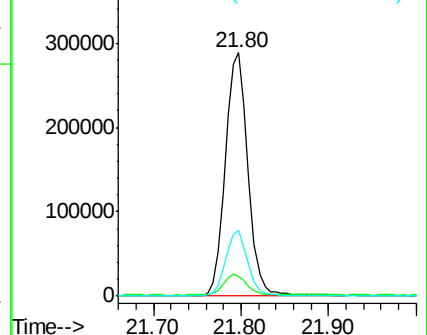
236 27.2 20.9 31.3



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: 83.434 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG030518.D

Acq: 28 Oct 2017 4:39

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(1+2)

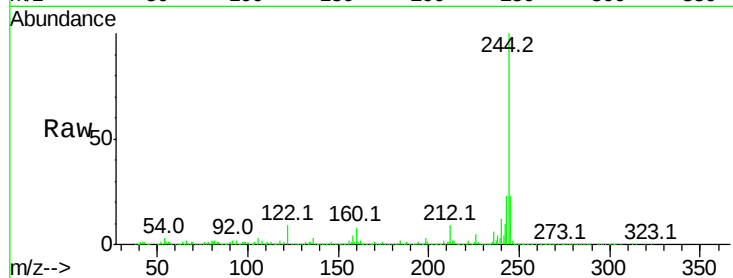
Tot Ion:244 Resp: 1891287

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

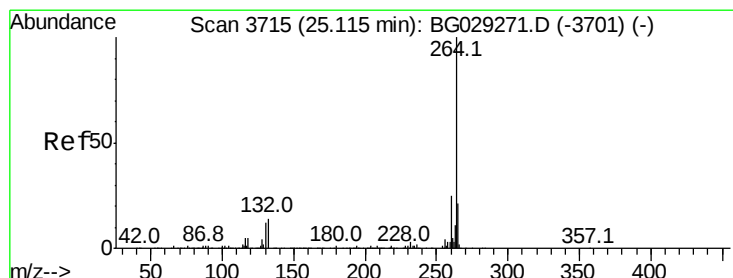
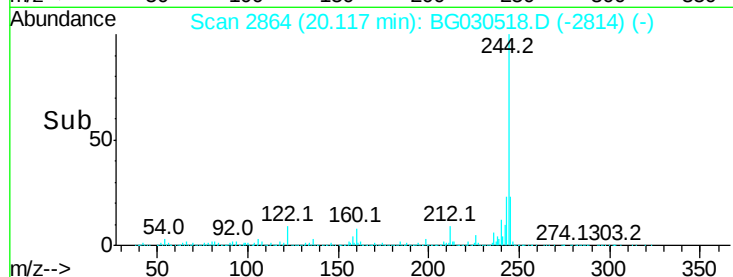
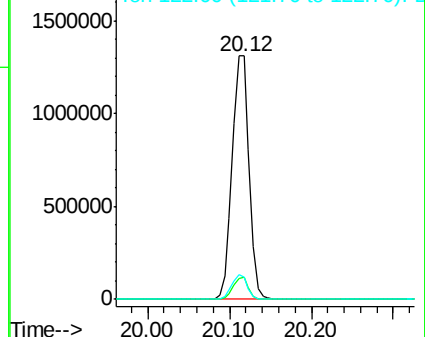
122 9.2 7.0 10.4



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: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG030518.D

Acq: 28 Oct 2017 4:39

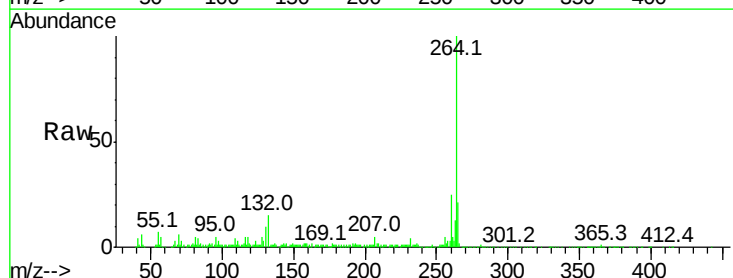
Tgt Ion:264 Resp: 499604

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 20.6 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

