

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030508.D
 Acq On : 27 Oct 2017 22:03
 Operator : SJ/JU
 Sample : I6138-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-STONES

Quant Time: Oct 27 23:16:22 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	74408	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	342394	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	227586	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	540036	20.00	ng	0.00
75) Chrysene-d12	21.80	240	568903	20.00	ng	0.00
86) Perylene-d12	25.11	264	571104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	551999	123.93	ng	0.00
7) Phenol-d6	7.32	99	652670	104.39	ng	0.00
23) Nitrobenzene-d5	9.34	82	524276	97.30	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	437683	148.95	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1363156	87.85	ng	0.00
78) Terphenyl-d14	20.11	244	2083919	83.33	ng	0.00

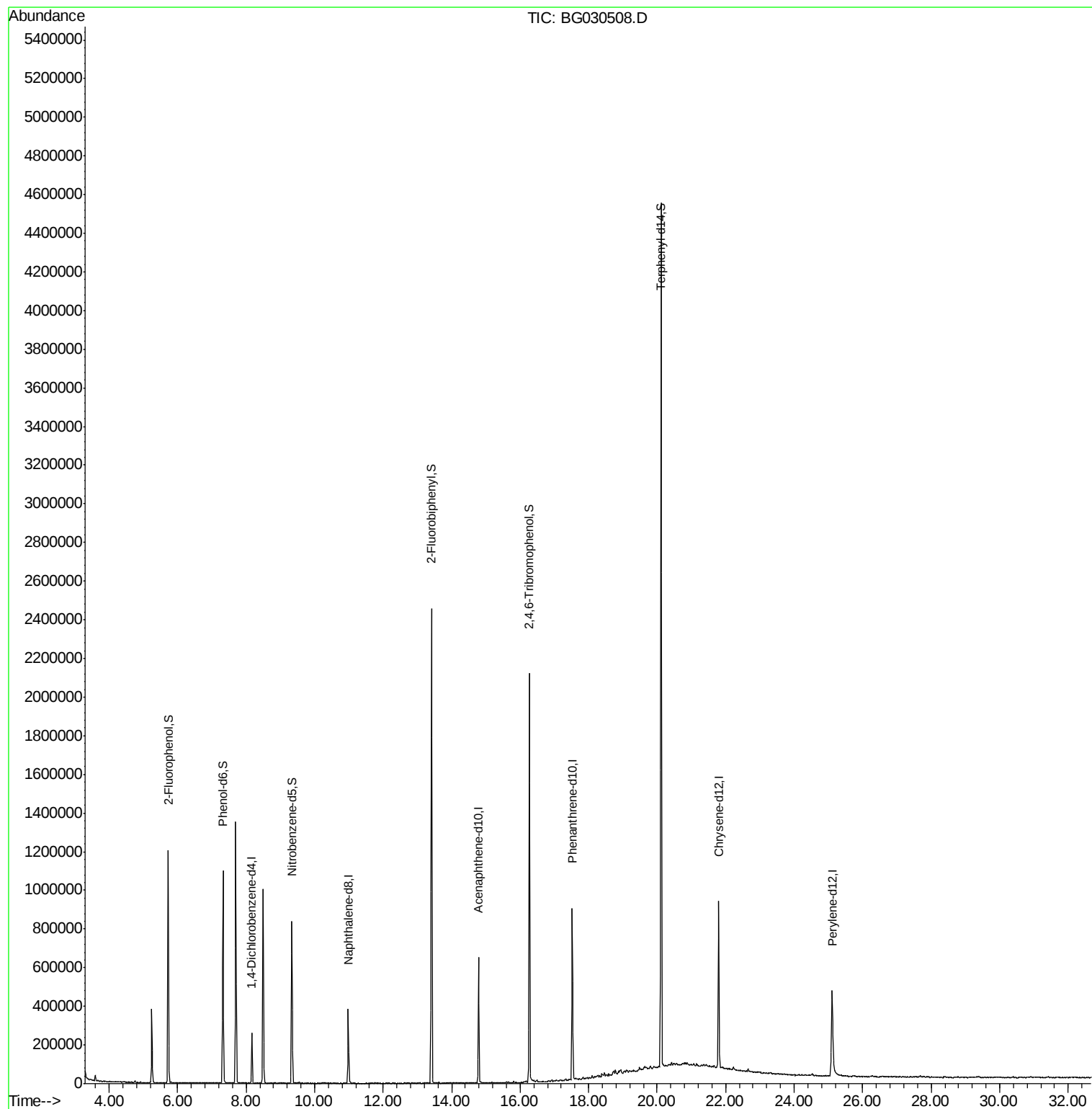
Target Compounds Qvalue

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

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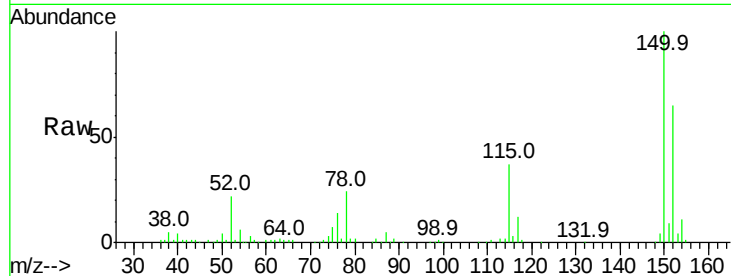


#1

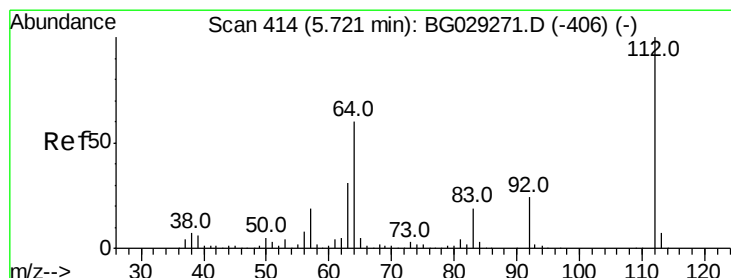
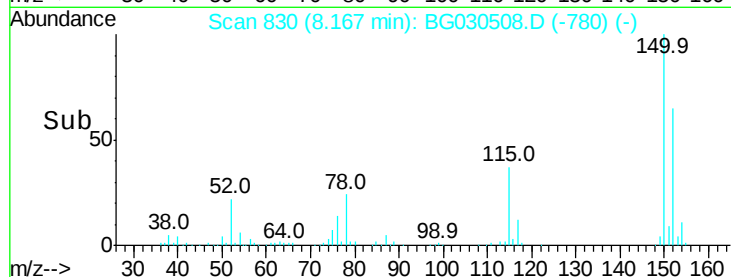
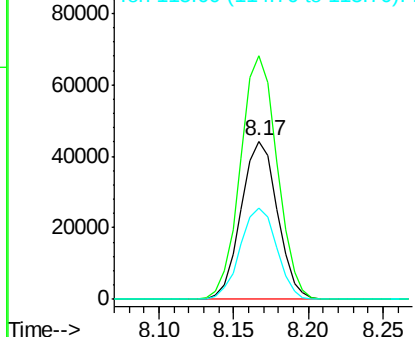
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030508.D
Acq: 27 Oct 2017 22:03

Instrument :
BNA_G
ClientSampleId :
220-3A-B-STONES

Tot Ion:152 Resp: 74408
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 57.4 53.0 79.4



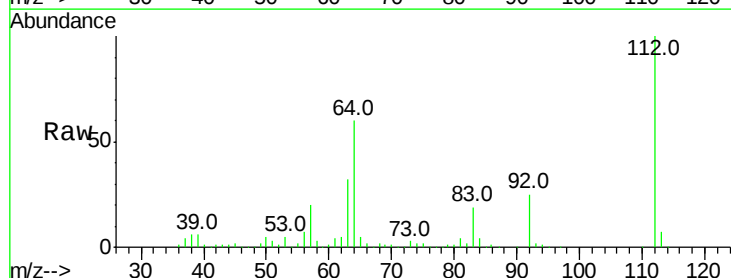
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



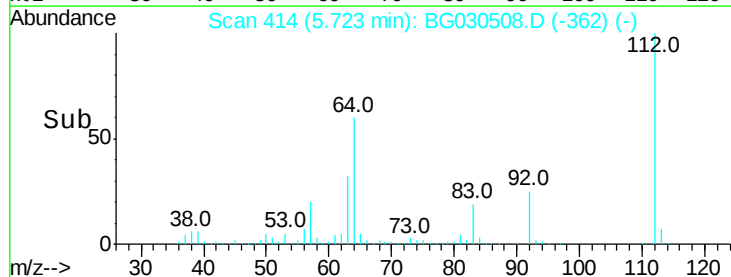
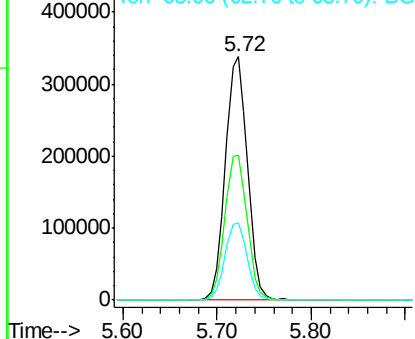
#5

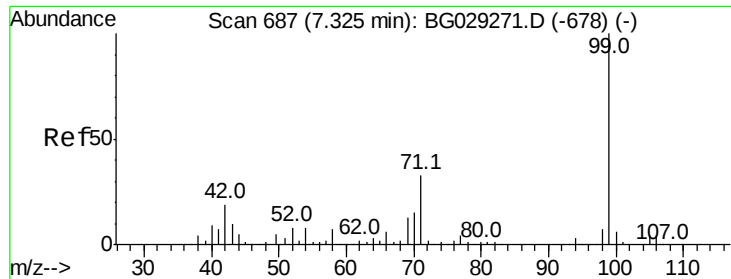
2-Fluorophenol
Concen: 123.931 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030508.D
Acq: 27 Oct 2017 22:03

Tgt Ion:112 Resp: 551999
Ion Ratio Lower Upper
112 100
64 59.7 56.3 84.5
63 31.6 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: 104.393 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030508.D

Acq: 27 Oct 2017 22:03

Instrument :

BNA_G

ClientSampleId :

220-3A-B-STONES

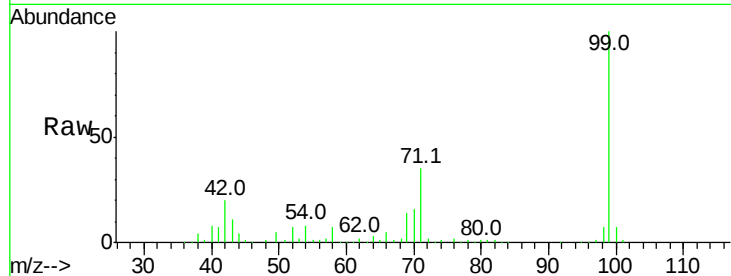
Tot Ion: 99 Resp: 652670

Ion Ratio Lower Upper

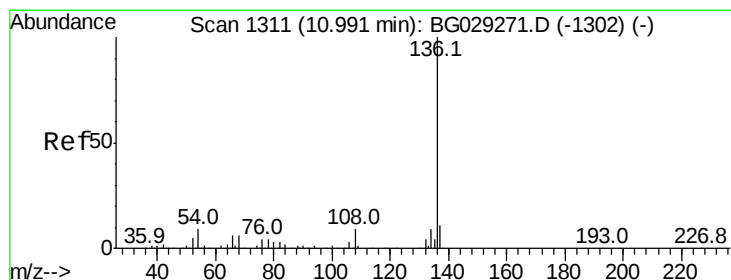
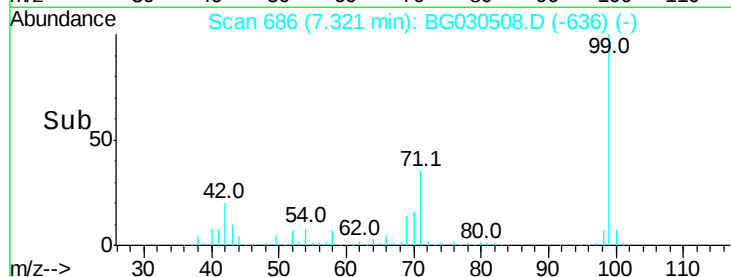
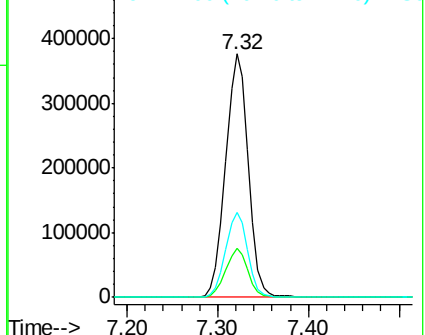
99 100

42 20.0 14.1 21.1

71 34.8 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: BG030508.D

Acq: 27 Oct 2017 22:03

Tgt Ion: 136 Resp: 342394

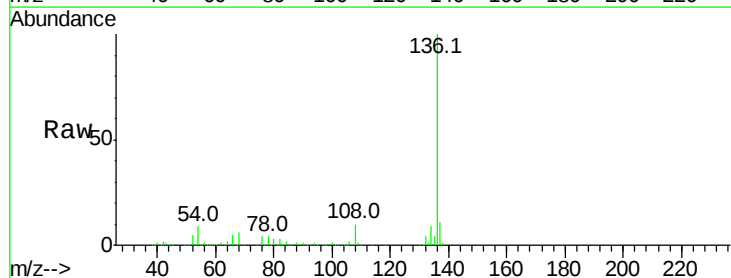
Ion Ratio Lower Upper

136 100

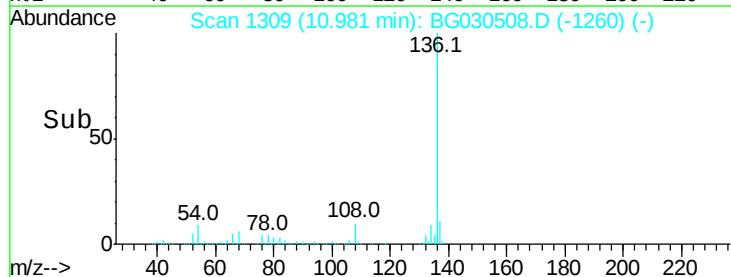
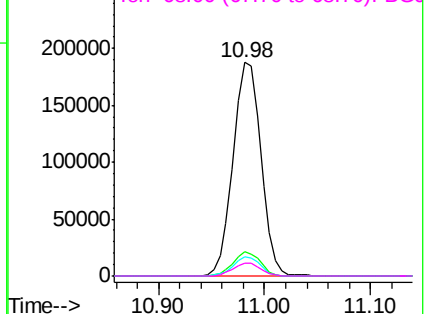
137 11.2 9.2 13.8

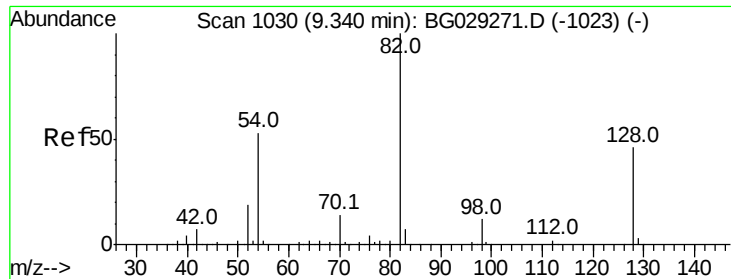
54 9.1 10.3 15.5#

68 6.0 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

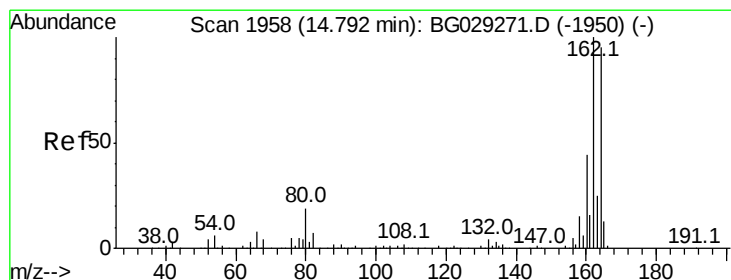
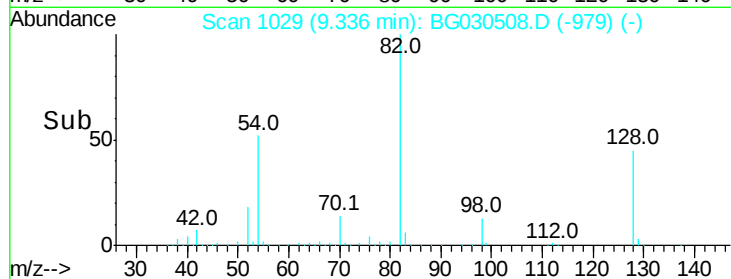
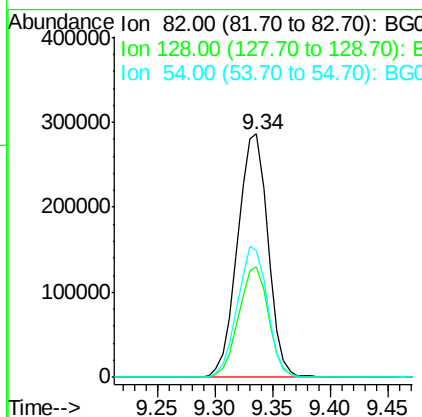
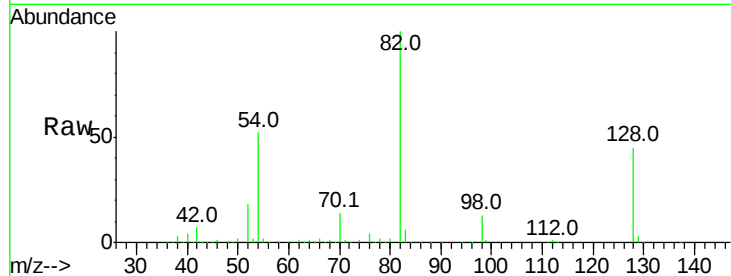




#23
 Nitrobenzene-d5
 Concen: 97.304 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030508.D
 Acq: 27 Oct 2017 22:03

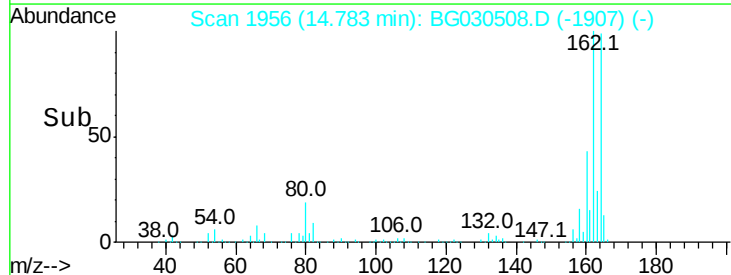
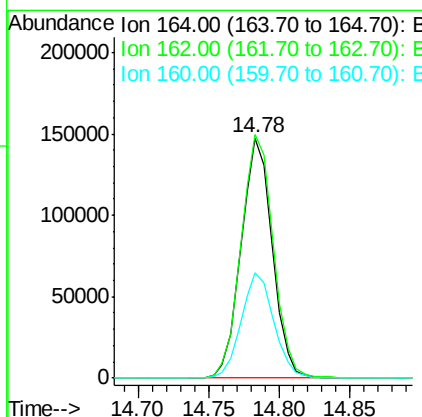
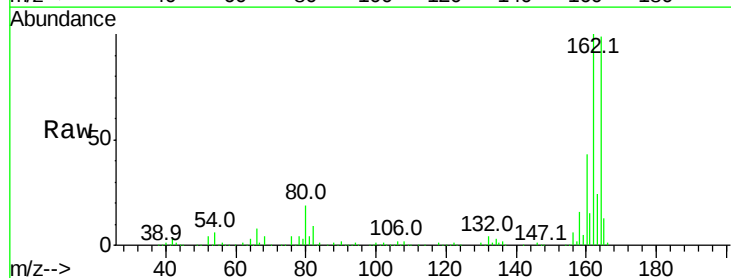
Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-STONES

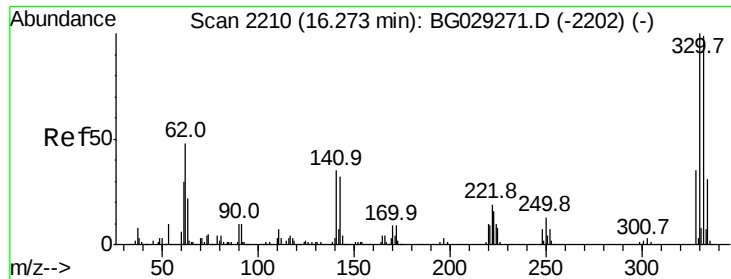
Tot Ion: 82 Resp: 524276
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030508.D
 Acq: 27 Oct 2017 22:03

Tgt Ion: 164 Resp: 227586
 Ion Ratio Lower Upper
 164 100
 162 101.5 78.8 118.2
 160 44.1 35.4 53.0

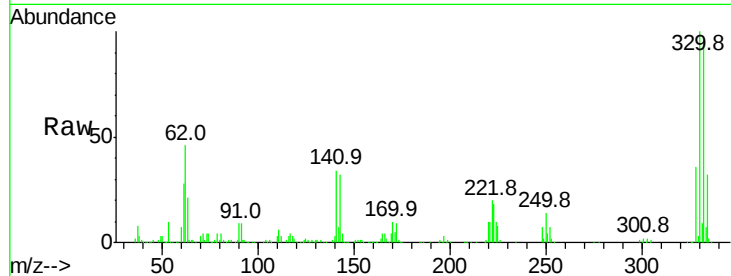




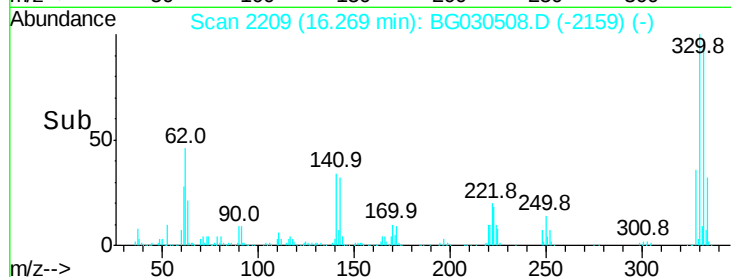
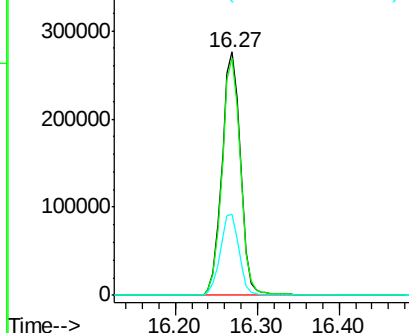
#41
 2,4,6-Tribromophenol
 Concen: 148.954 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030508.D
 Acq: 27 Oct 2017 22:03

Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-STONES

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.9	25.2	37.8

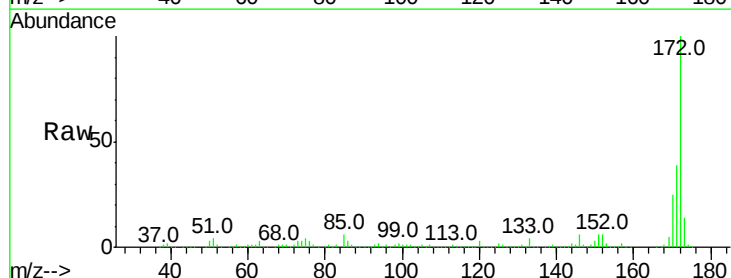


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

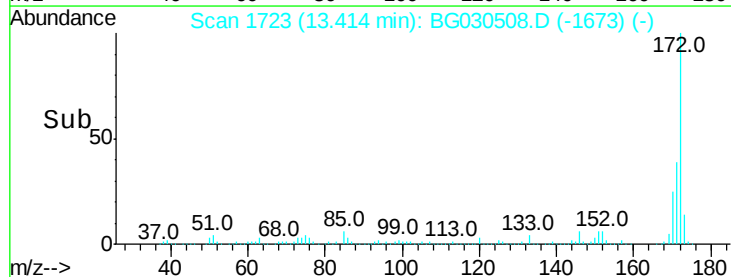
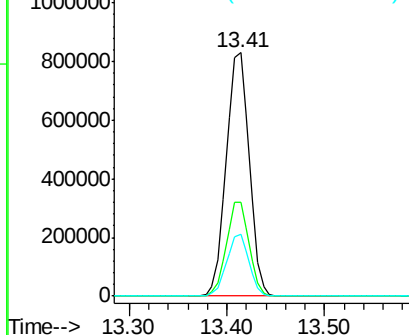


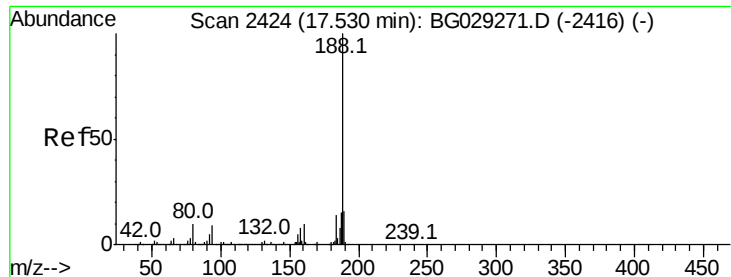
#44
 2-Fluorobiphenyl
 Concen: 87.847 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030508.D
 Acq: 27 Oct 2017 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.4	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030508.D

Acq: 27 Oct 2017 22:03

Instrument :

BNA_G

ClientSampleId :

220-3A-B-STONES

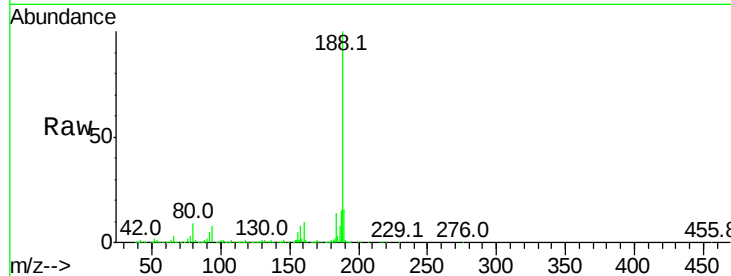
Tot Ion:188 Resp: 540036

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

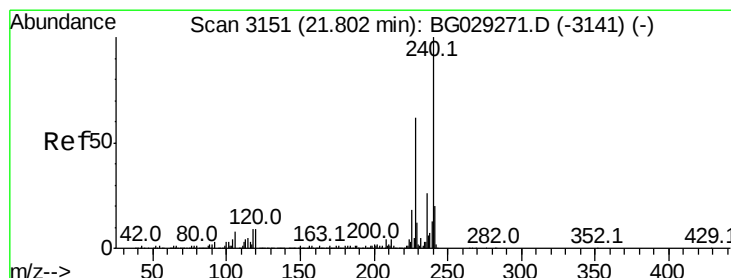
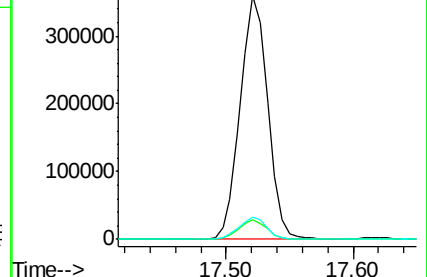
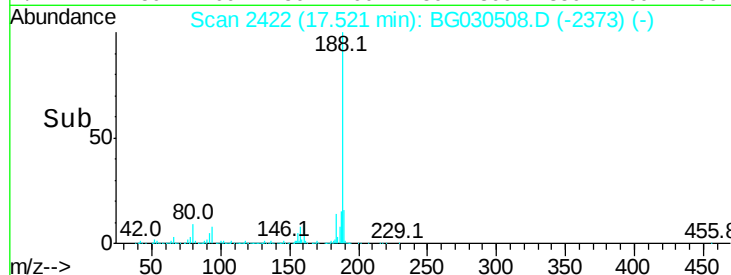
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030508.D

Acq: 27 Oct 2017 22:03

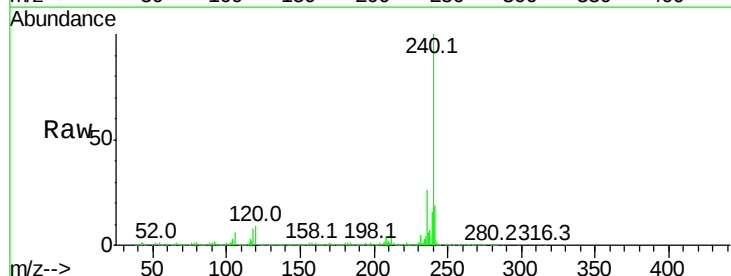
Tgt Ion:240 Resp: 568903

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

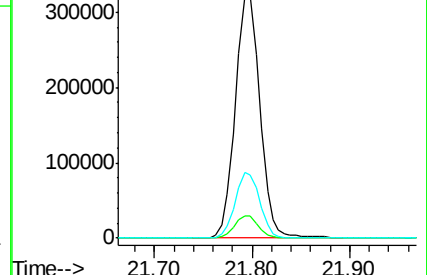
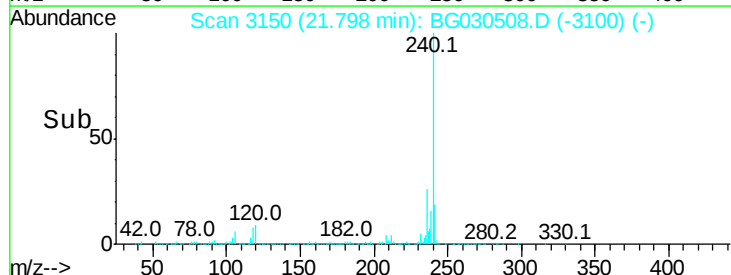
236 25.7 20.9 31.3

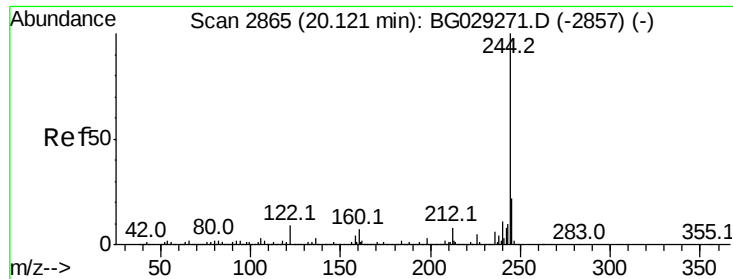


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.332 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030508.D

Acq: 27 Oct 2017 22:03

Instrument :

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ClientSampleId :

220-3A-B-STONES

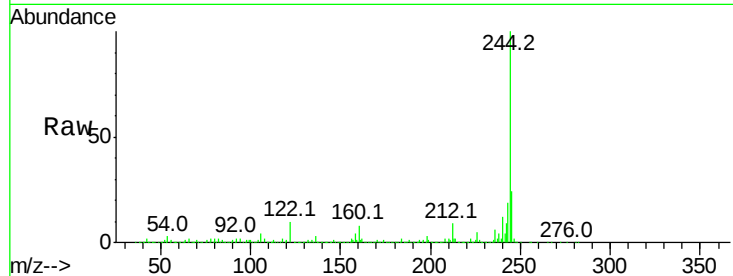
Tot Ion:244 Resp: 2083919

Ion Ratio Lower Upper

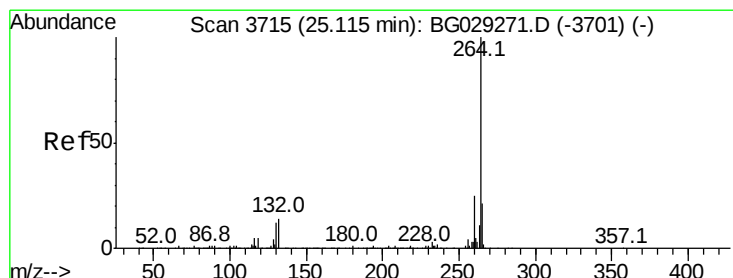
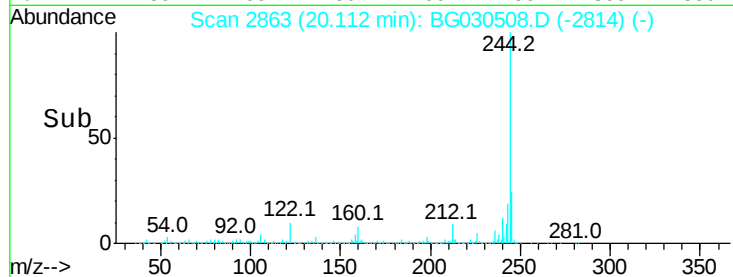
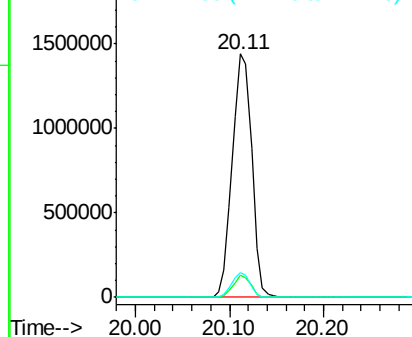
244 100

212 8.9 5.8 8.8#

122 10.2 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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG030508.D

Acq: 27 Oct 2017 22:03

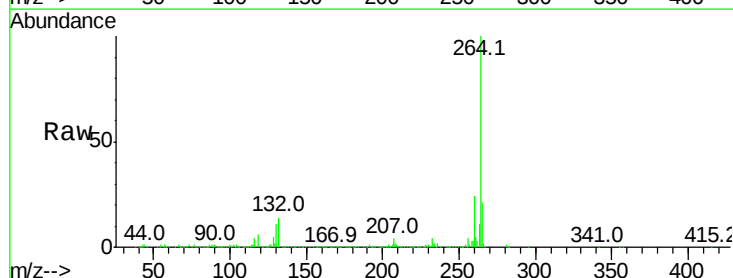
Tgt Ion:264 Resp: 571104

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.4 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

