

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030519.D
 Acq On : 28 Oct 2017 5:19
 Operator : SJ/JU
 Sample : I6101-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-43S3

Quant Time: Oct 28 06:26:32 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	74477	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	341195	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	229501	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	537250	20.00	ng	0.00
75) Chrysene-d12	21.80	240	568477	20.00	ng	0.00
86) Perylene-d12	25.11	264	530299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	534244	119.83	ng	0.00
7) Phenol-d6	7.32	99	646508	103.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	495300	92.25	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	324109	109.38	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1286938	82.24	ng	0.00
78) Terphenyl-d14	20.11	244	1975847	79.07	ng	0.00

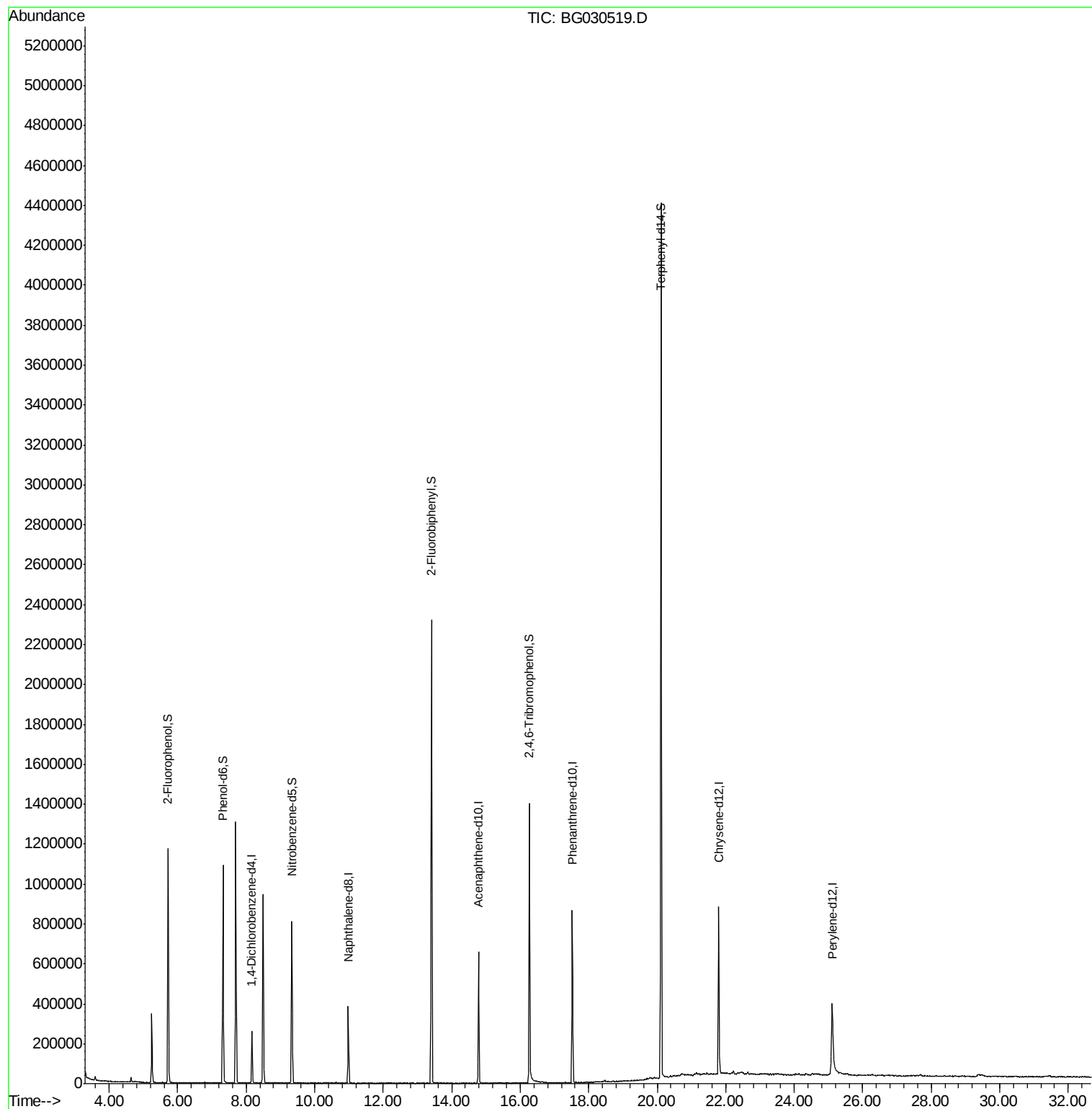
Target Compounds	Qvalue
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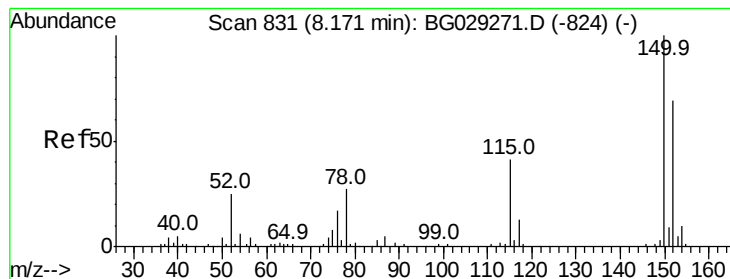
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG030519.D

Acq: 28 Oct 2017 5:19

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-43S3

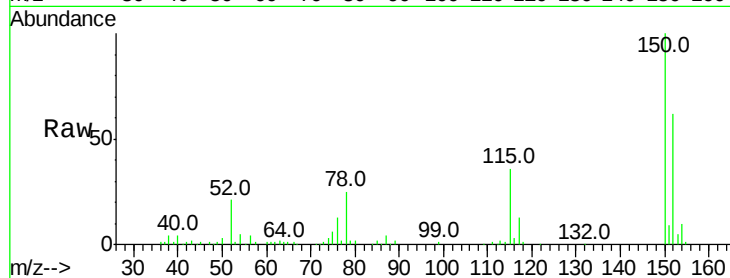
Tot Ion:152 Resp: 74477

Ion Ratio Lower Upper

152 100

150 160.7 126.6 189.8

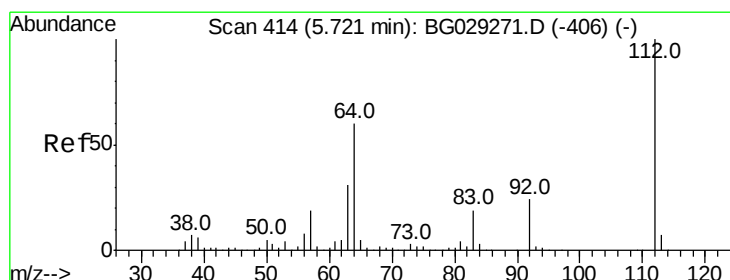
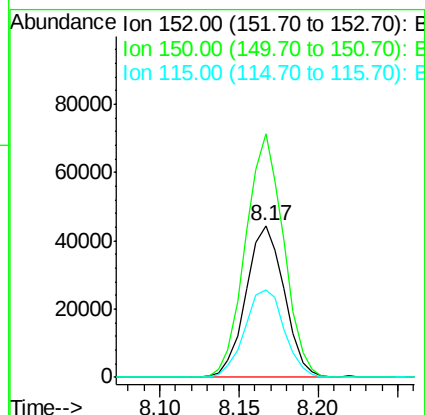
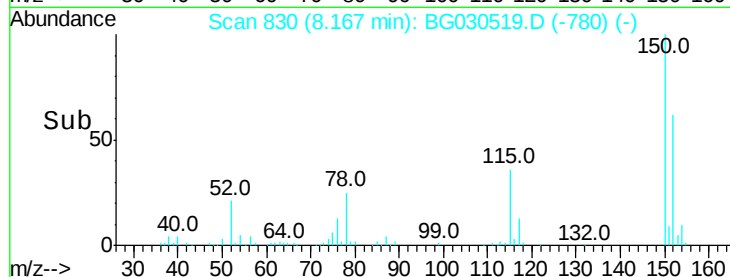
115 57.9 53.0 79.4



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: 119.833 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

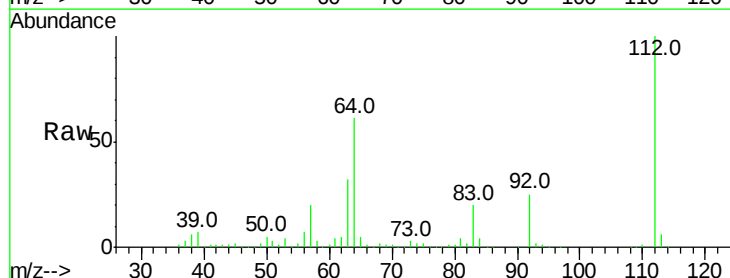
Tgt Ion:112 Resp: 534244

Ion Ratio Lower Upper

112 100

64 61.0 56.3 84.5

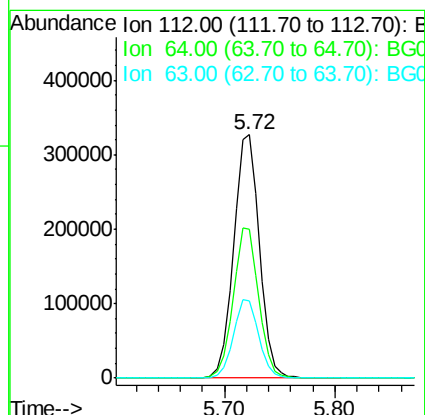
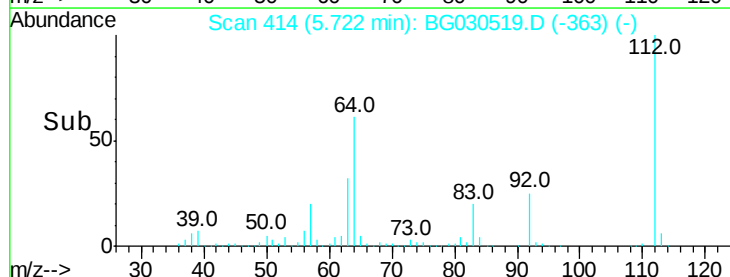
63 31.5 30.1 45.1

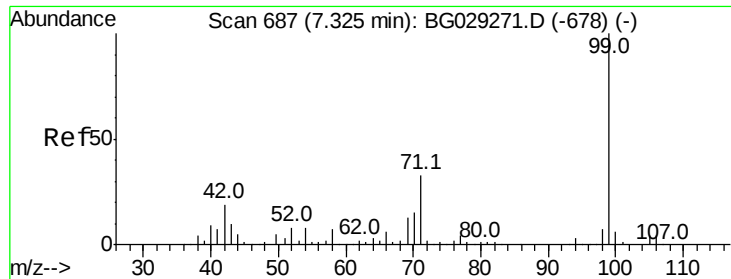


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.312 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-43S3

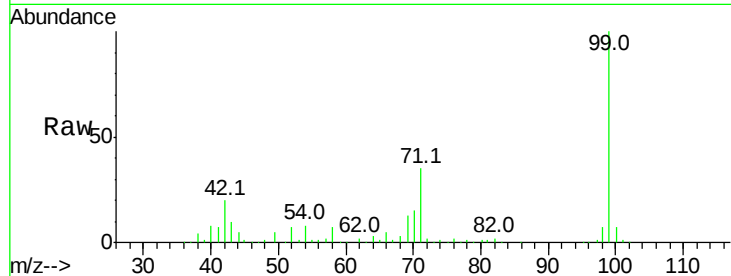
Tot Ion: 99 Resp: 646508

Ion Ratio Lower Upper

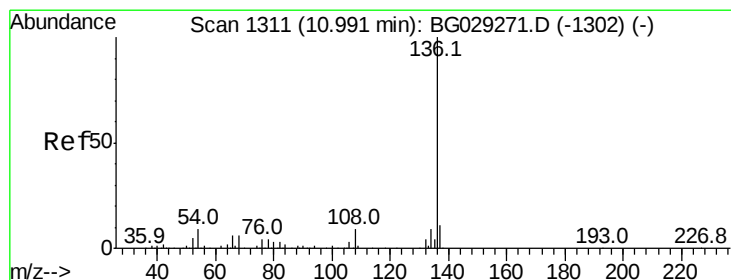
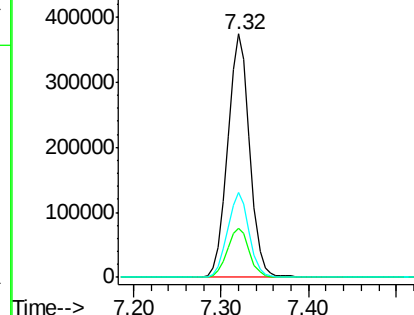
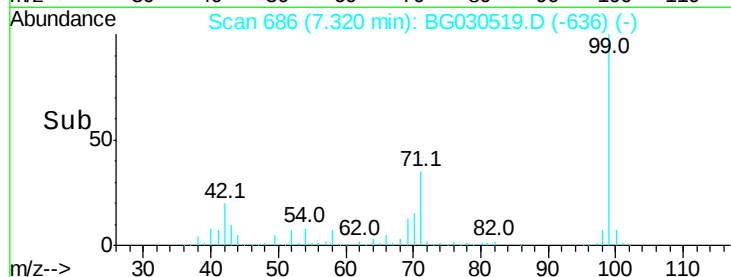
99 100

42 20.1 14.1 21.1

71 34.7 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: BG030519.D

Acq: 28 Oct 2017 5:19

Tgt Ion: 136 Resp: 341195

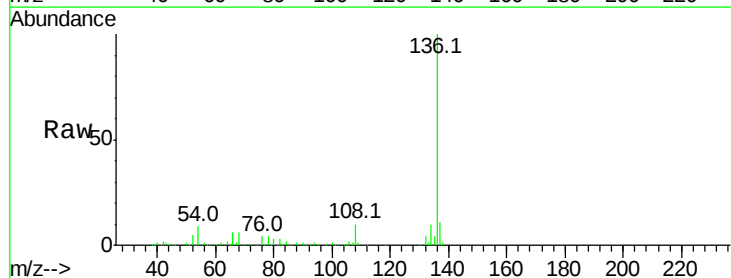
Ion Ratio Lower Upper

136 100

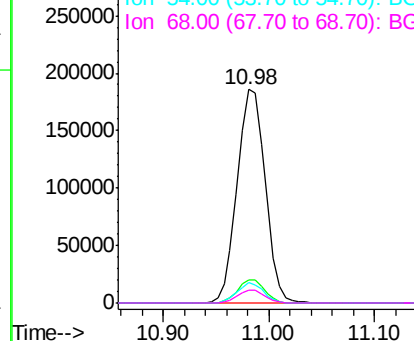
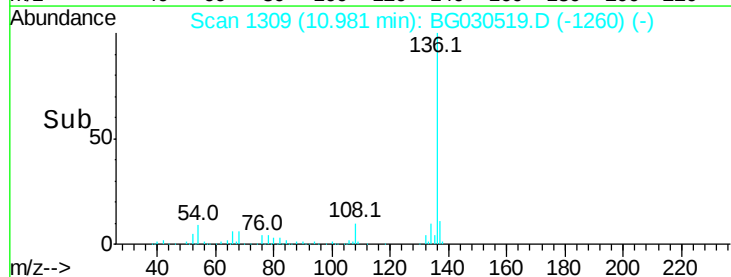
137 10.9 9.2 13.8

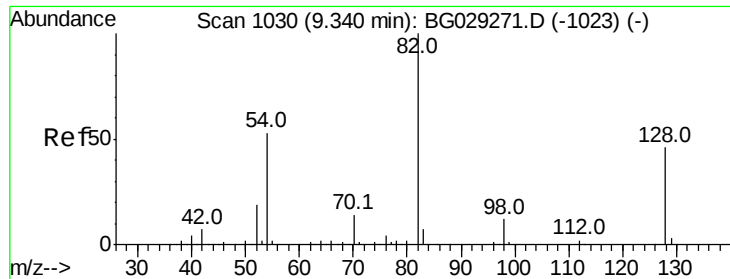
54 9.4 10.3 15.5#

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

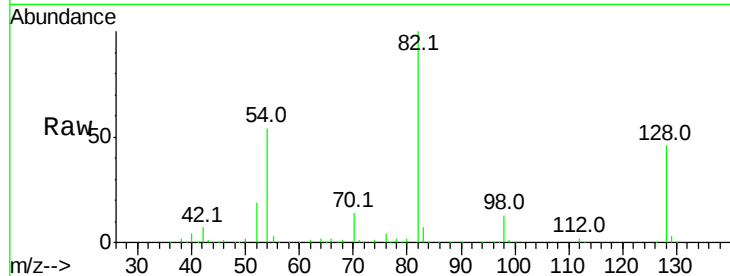




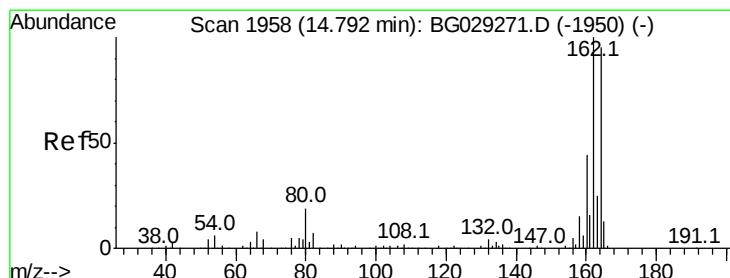
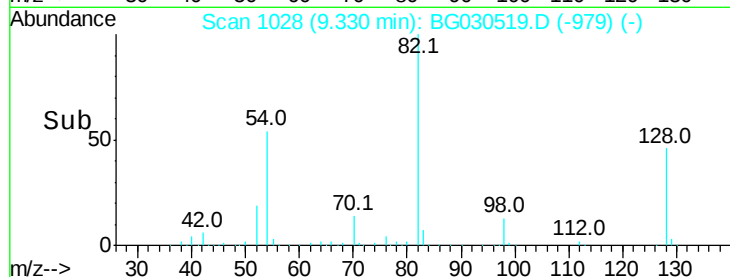
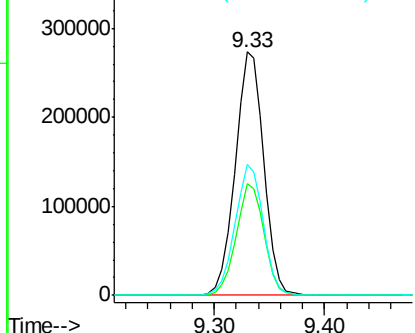
#23
 Nitrobenzene-d5
 Concen: 92.249 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-43S3

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	53.7	43.1	64.7

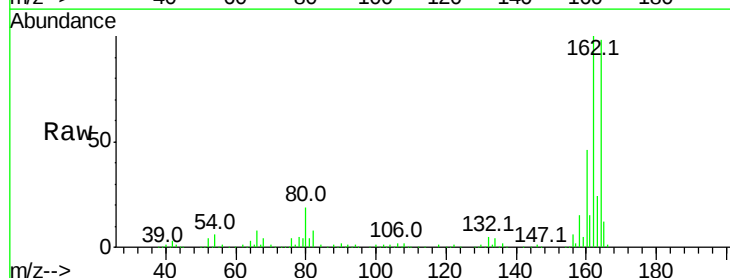


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

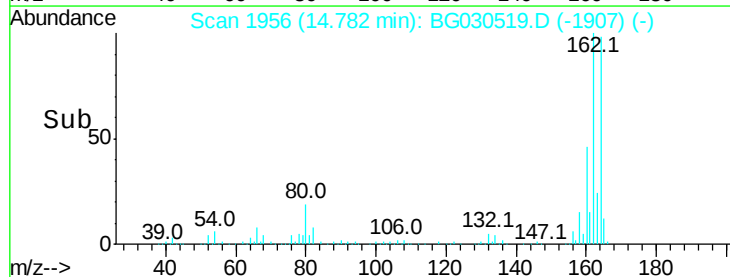
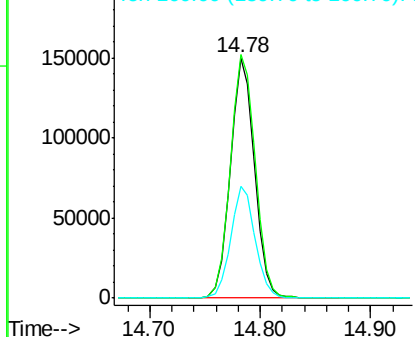


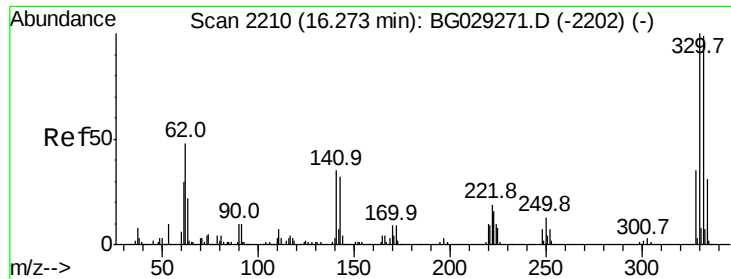
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

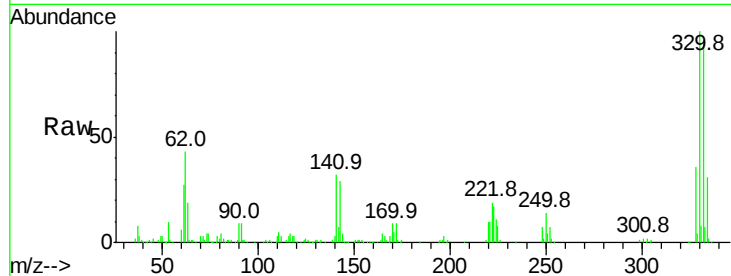




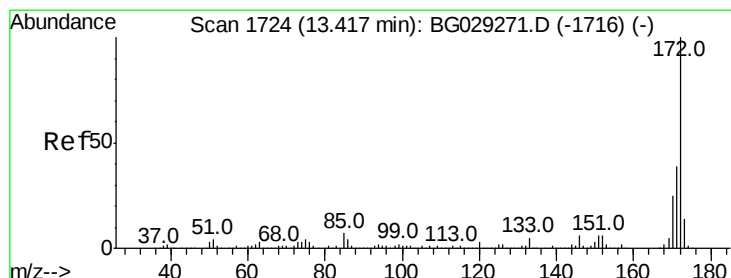
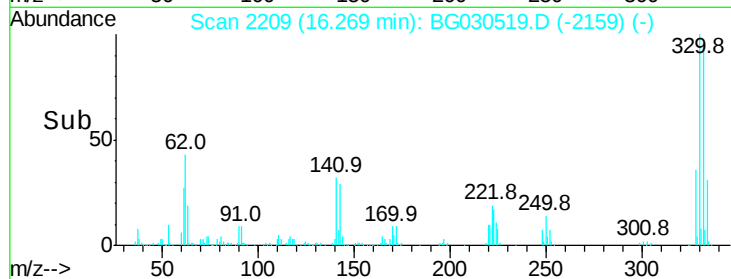
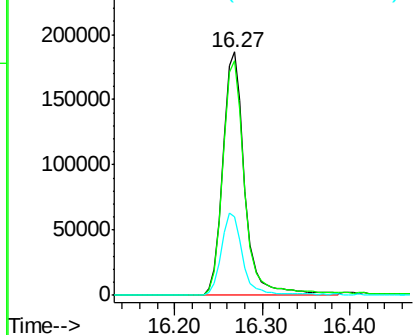
#41
 2,4,6-Tribromophenol
 Concen: 109.382 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-43S3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.2	25.2	37.8

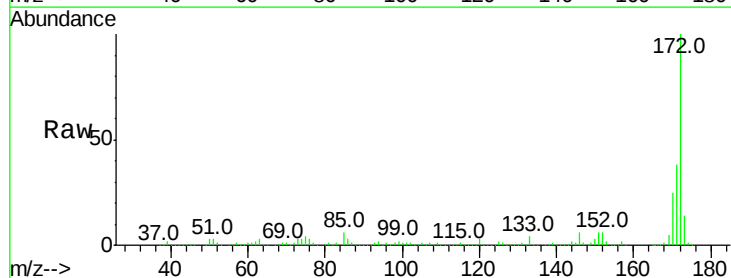


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

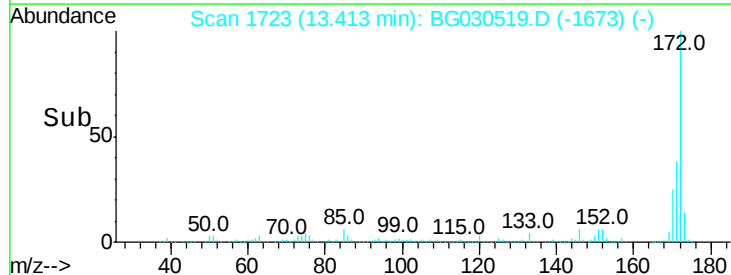
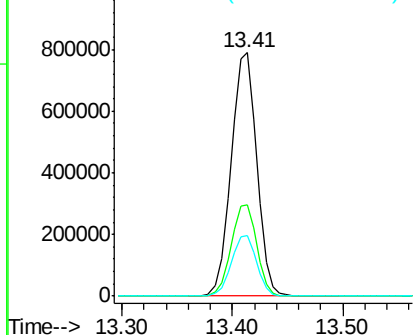


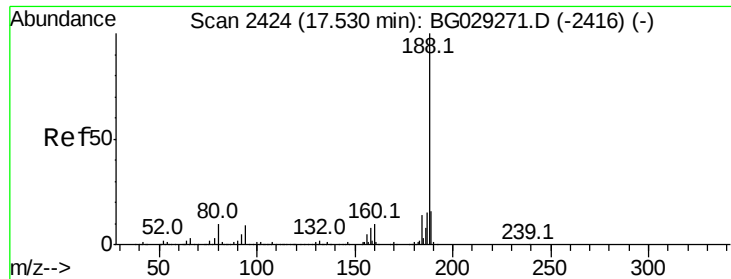
#44
 2-Fluorobiphenyl
 Concen: 82.243 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.8	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: BG030519.D

Acq: 28 Oct 2017 5:19

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-43S3

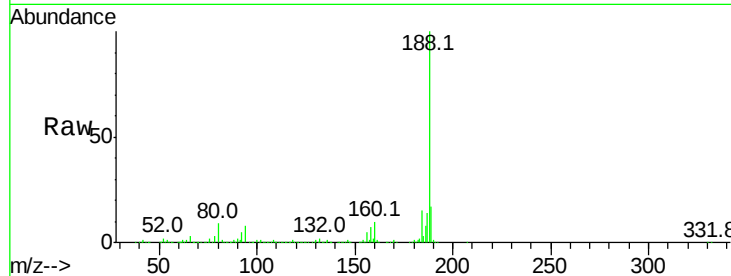
Tot Ion:188 Resp: 537250

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

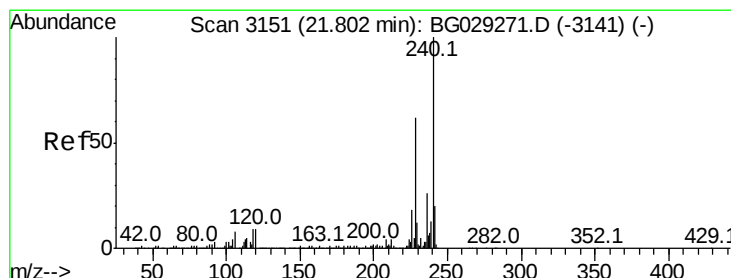
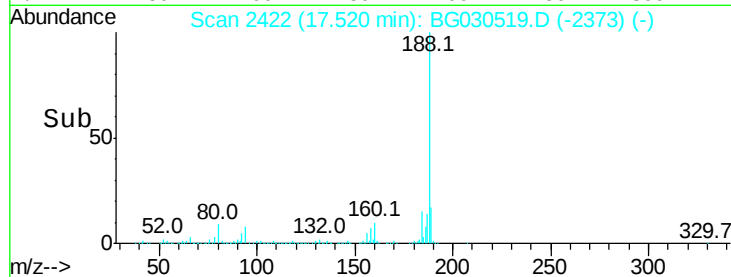
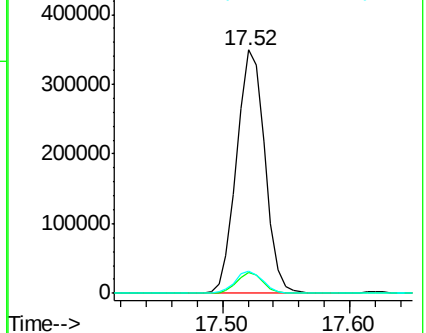
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG030519.D

Acq: 28 Oct 2017 5:19

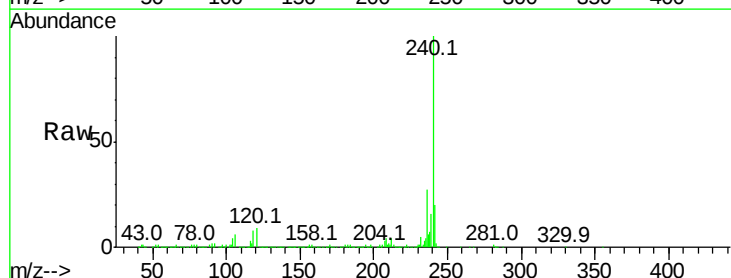
Tgt Ion:240 Resp: 568477

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

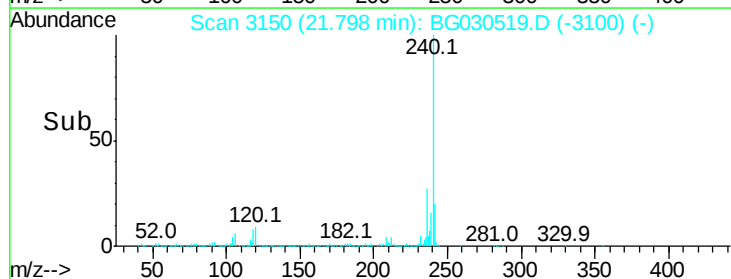
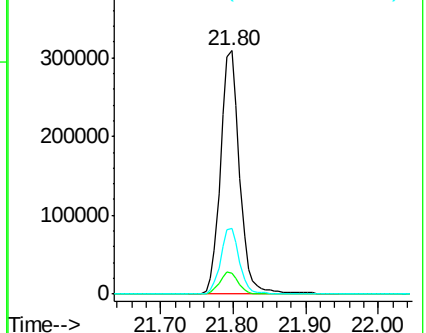
236 27.1 20.9 31.3

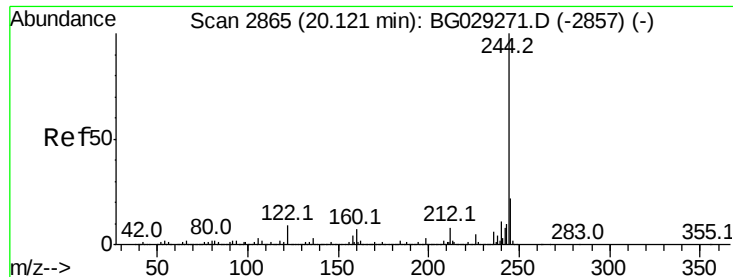


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.069 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-43S3

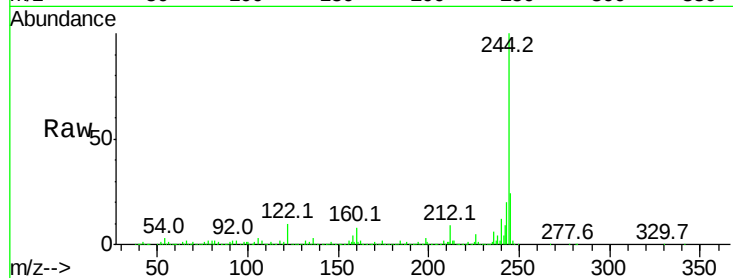
Tot Ion:244 Resp: 1975847

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

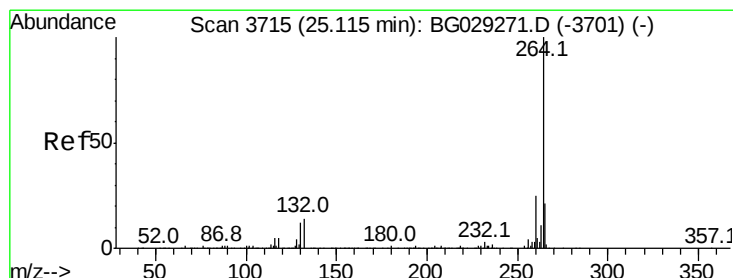
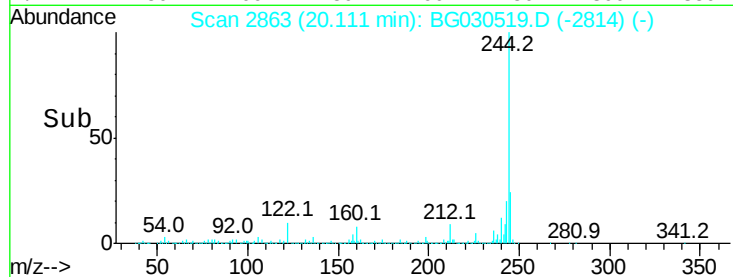
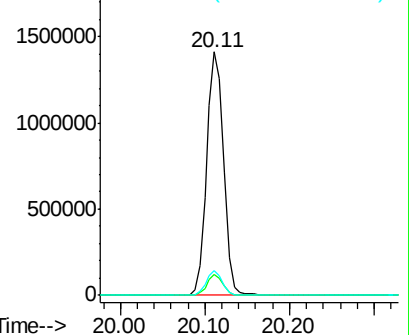
122 10.2 7.0 10.4



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# 3714

Delta R.T. -0.00 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

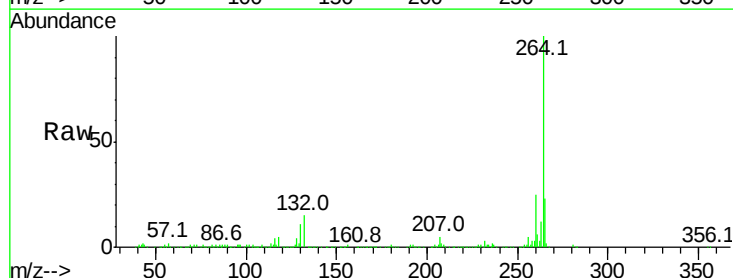
Tgt Ion:264 Resp: 530299

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 22.6 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

