

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030520.D
 Acq On : 28 Oct 2017 5:58
 Operator : SJ/JU
 Sample : I6101-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-43S2

Quant Time: Oct 30 01:07:08 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	74464	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	341204	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	222946	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	523219	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	548932	20.00	ng	0.00
86) Perylene-d12	25.11	264	505645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	547874	122.91	ng	0.00
7) Phenol-d6	7.32	99	667414	106.67	ng	0.00
23) Nitrobenzene-d5	9.33	82	497563	92.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	323380	112.34	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1277265	84.03	ng	0.00
78) Terphenyl-d14	20.11	244	1953273	80.95	ng	-0.01

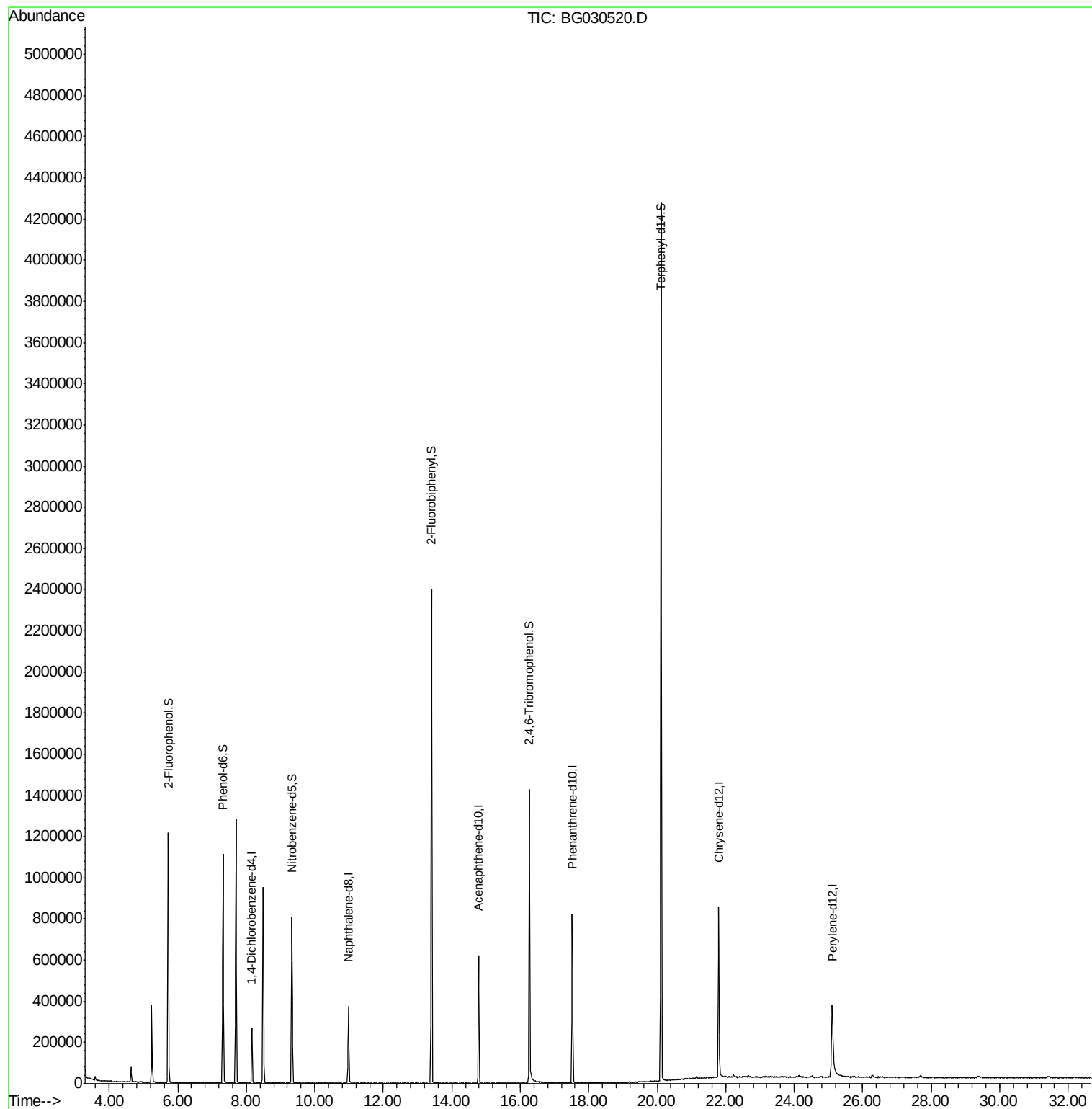
Target Compounds Qvalue

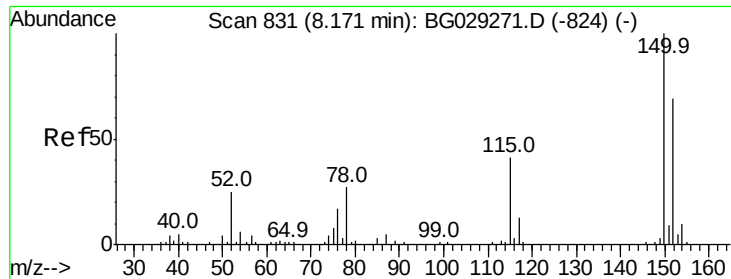
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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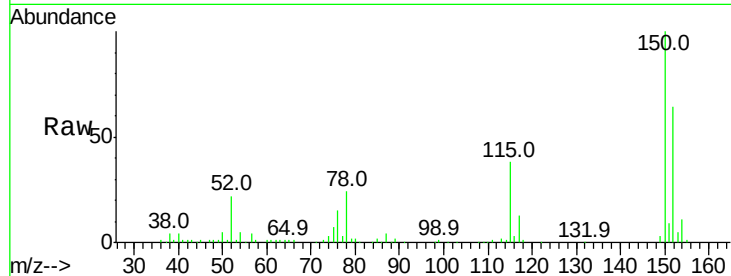


#1

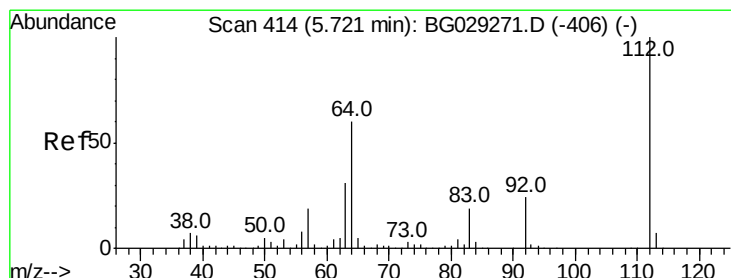
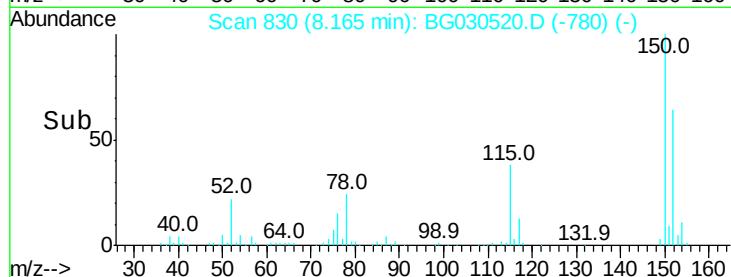
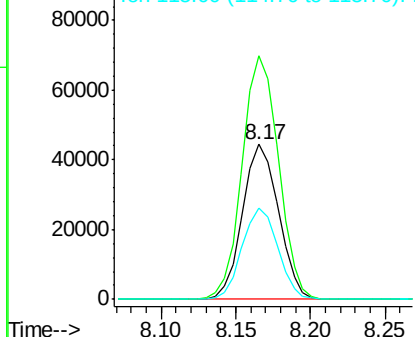
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-43S2

Tot Ion:152 Resp: 74464
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 59.3 53.0 79.4



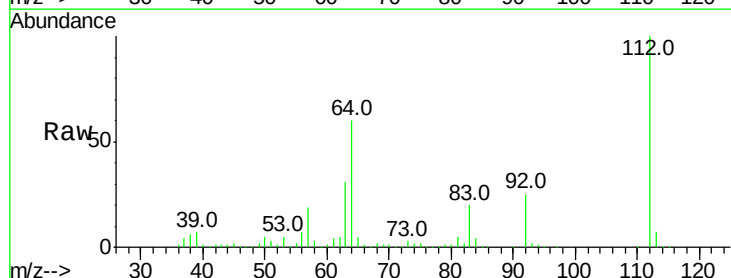
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



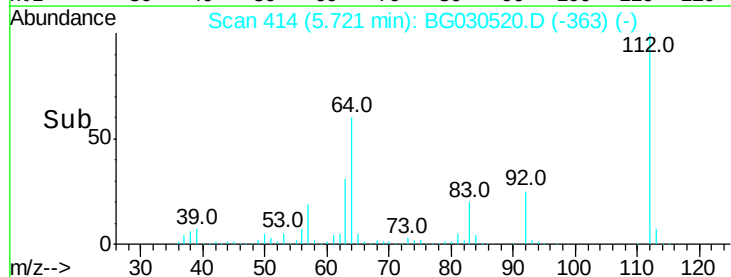
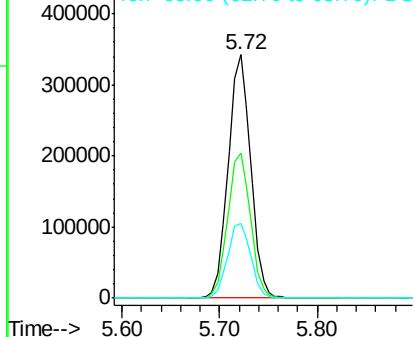
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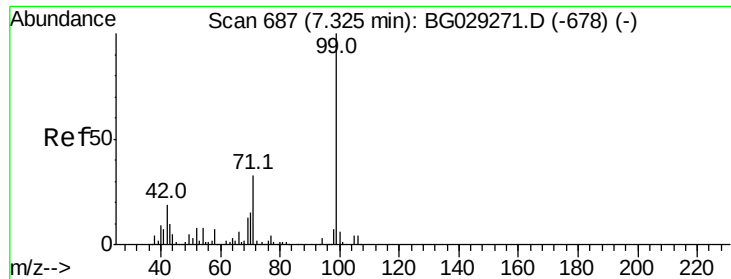
2-Fluorophenol
Concen: 122.912 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Tgt Ion:112 Resp: 547874
Ion Ratio Lower Upper
112 100
64 59.6 56.3 84.5
63 30.9 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: 106.671 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-43S2

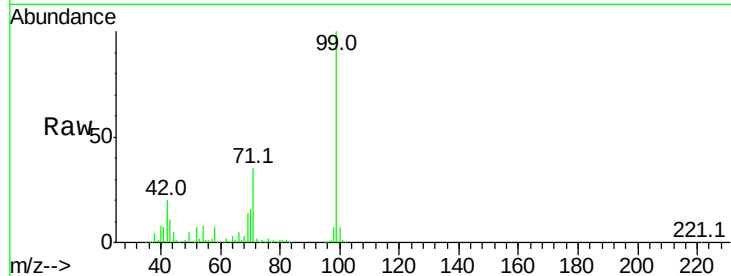
Tot Ion: 99 Resp: 667414

Ion Ratio Lower Upper

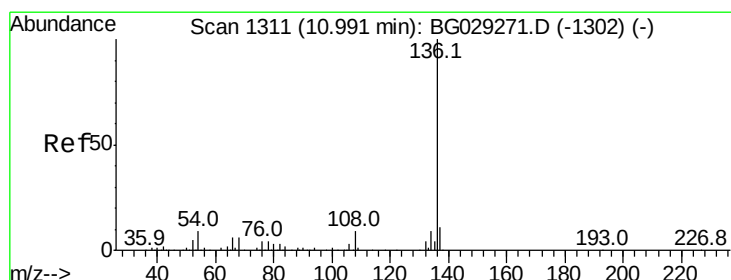
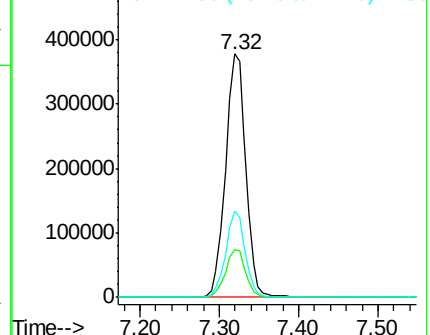
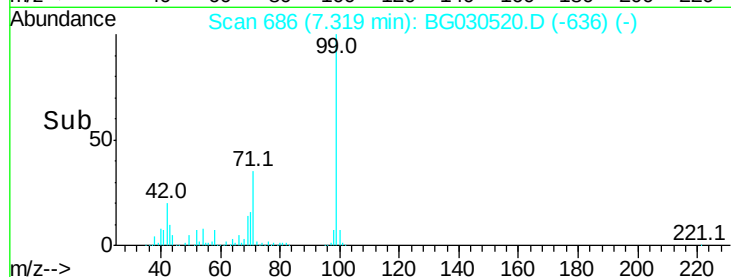
99 100

42 19.9 14.1 21.1

71 35.3 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: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

Tgt Ion: 136 Resp: 341204

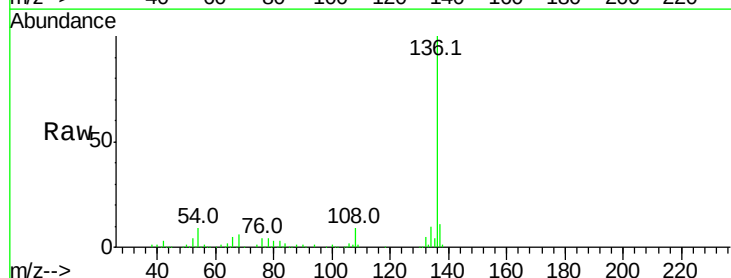
Ion Ratio Lower Upper

136 100

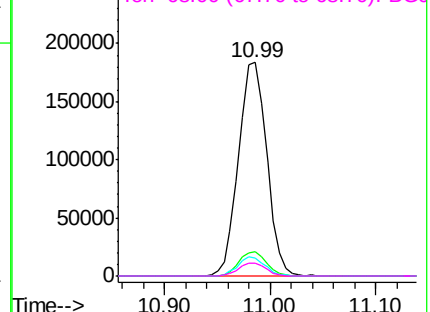
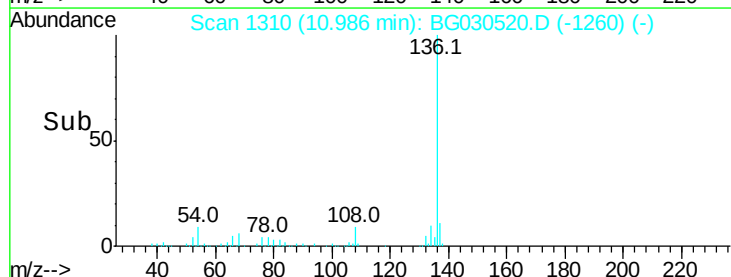
137 11.2 9.2 13.8

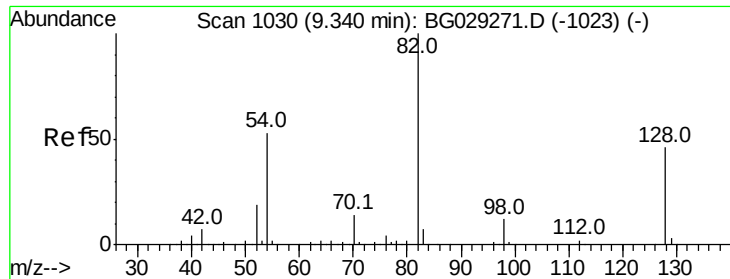
54 8.6 10.3 15.5#

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

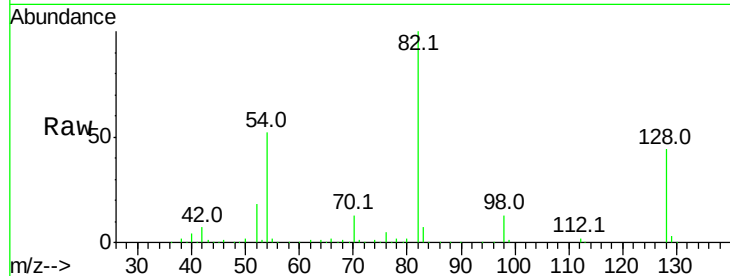




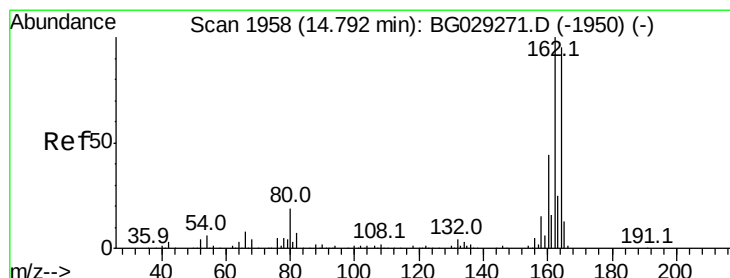
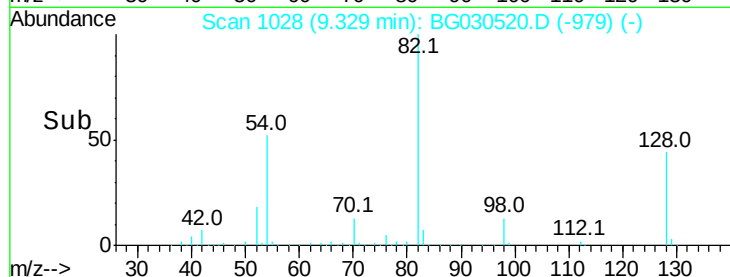
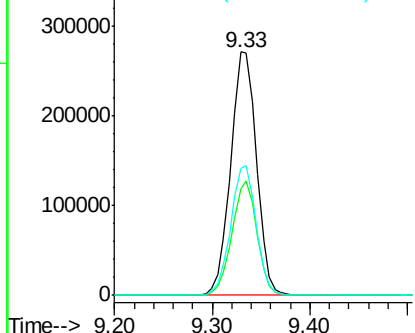
#23
Nitrobenzene-d5
Concen: 92.668 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-43S2

Tot Ion	82	Resp	497563
Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	52.2	43.1	64.7

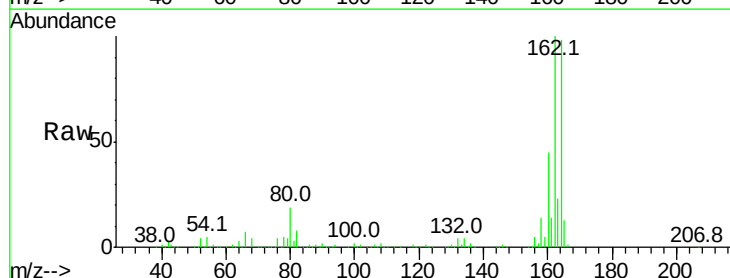


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

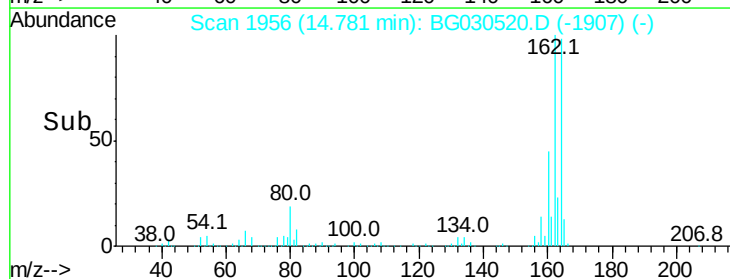
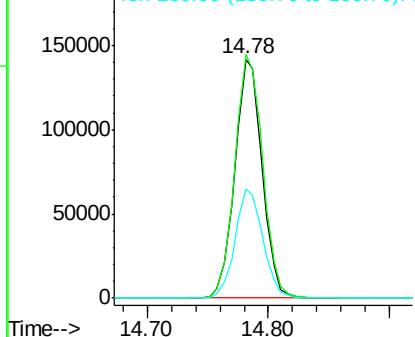


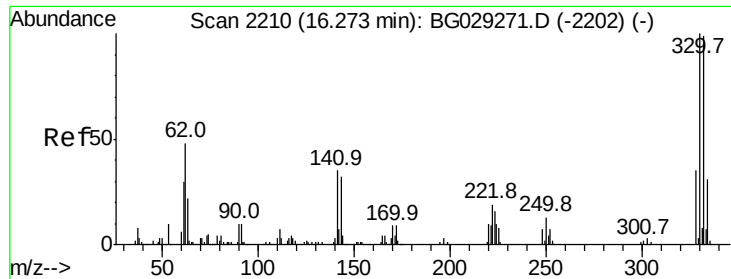
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Tgt Ion	164	Resp	222946
Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	46.0	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

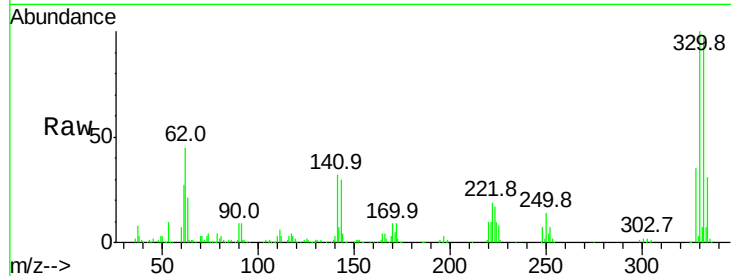




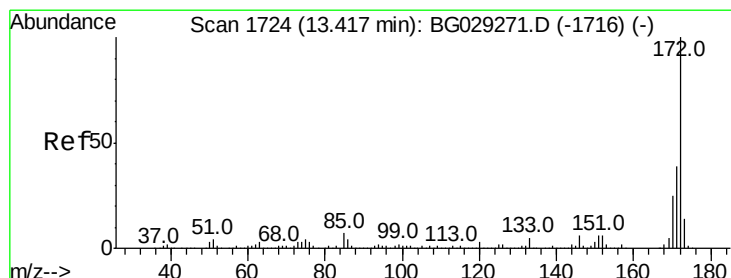
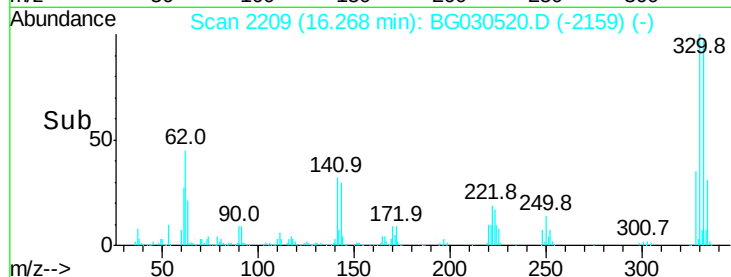
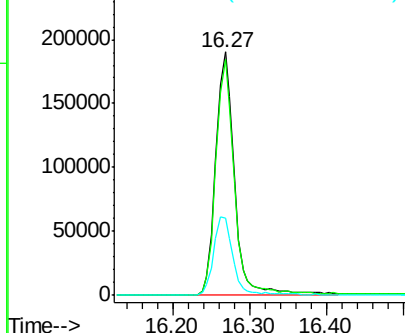
#41
 2,4,6-Tribromophenol
 Concen: 112.345 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-43S2

Tot Ion:330 Resp: 323380
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 33.1 25.2 37.8

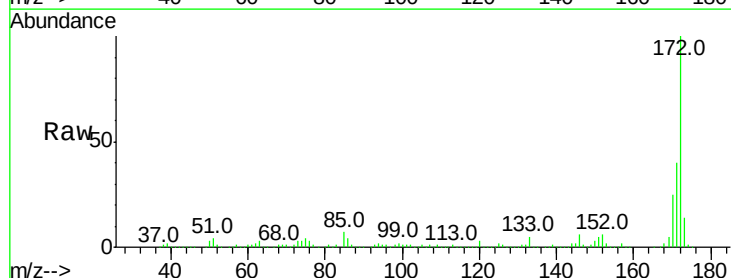


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

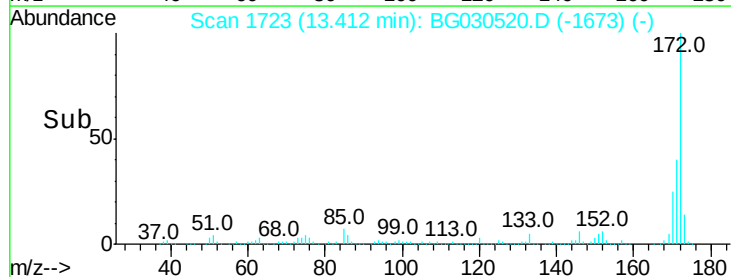
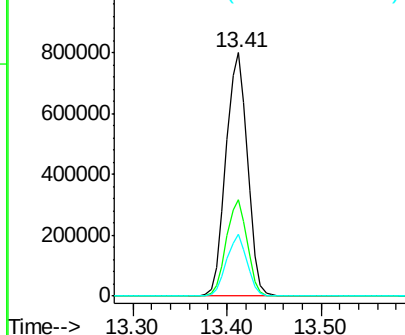


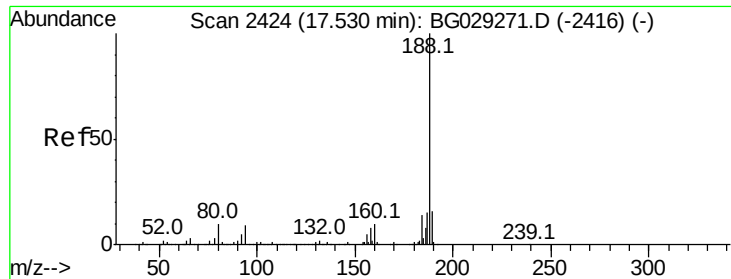
#44
 2-Fluorobiphenyl
 Concen: 84.025 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Tgt Ion:172 Resp: 1277265
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.0 45.0
 170 25.2 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

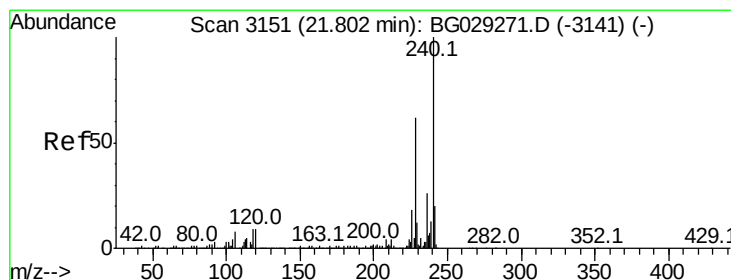
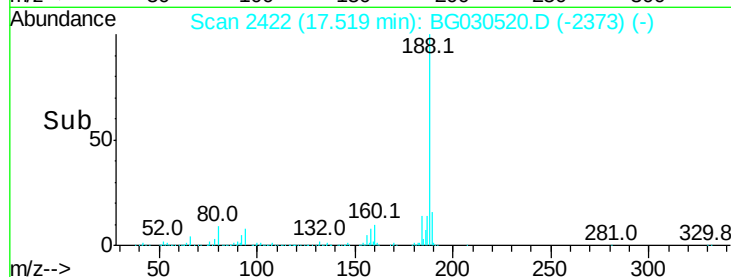
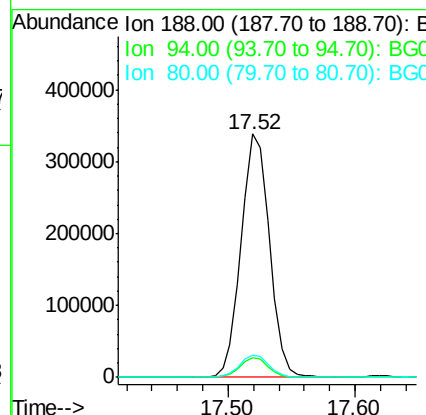
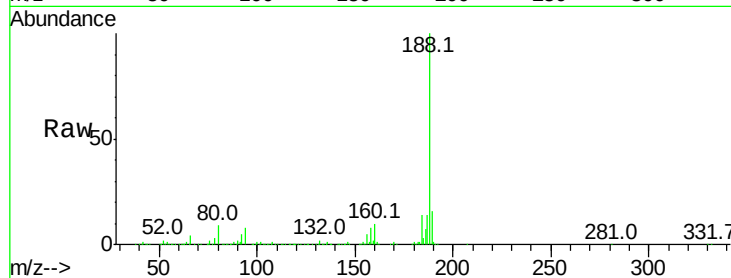




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

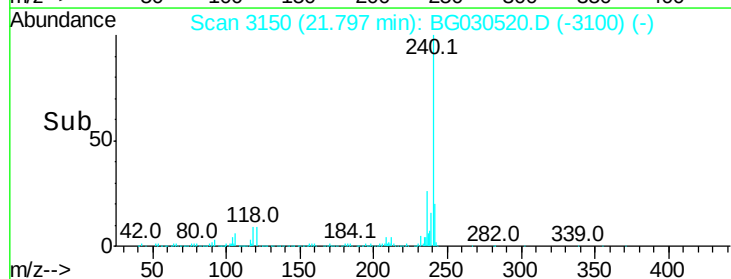
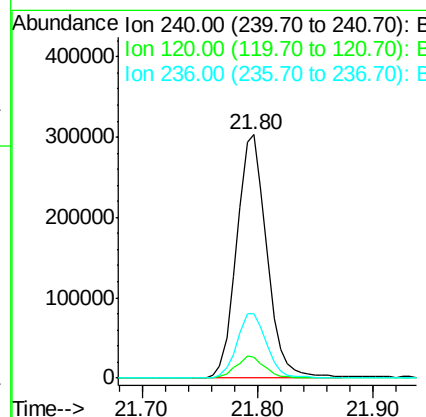
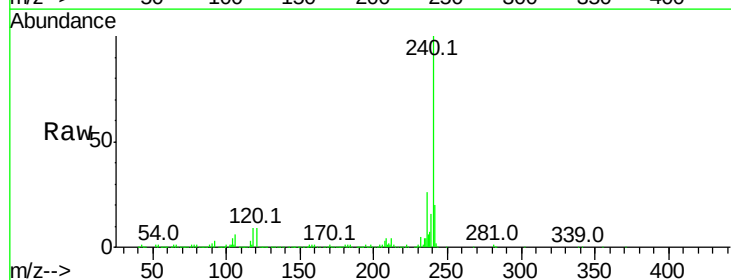
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-43S2

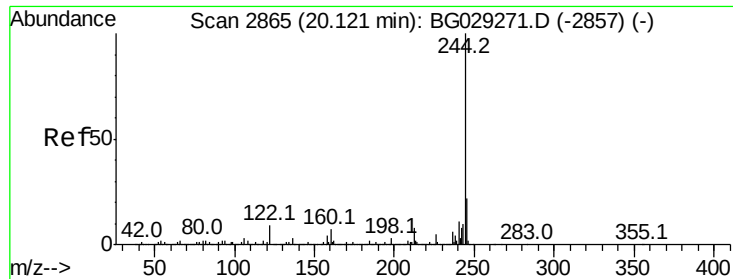
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.3	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 80.949 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-43S2

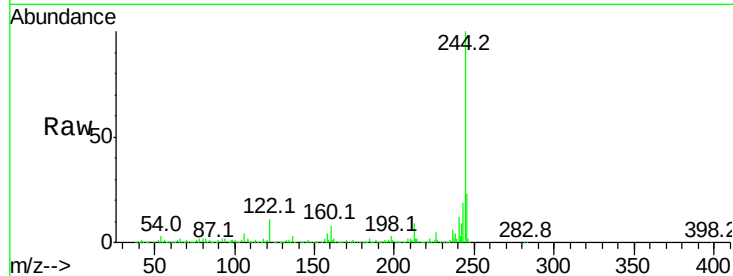
Tot Ion:244 Resp: 1953273

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

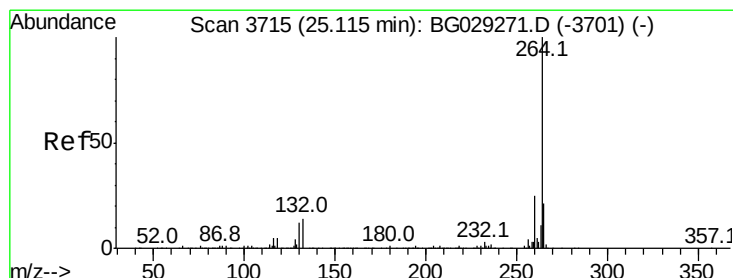
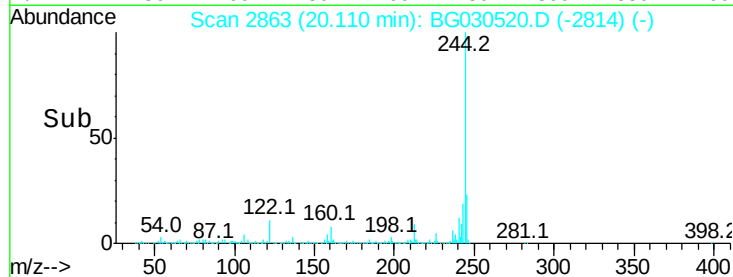
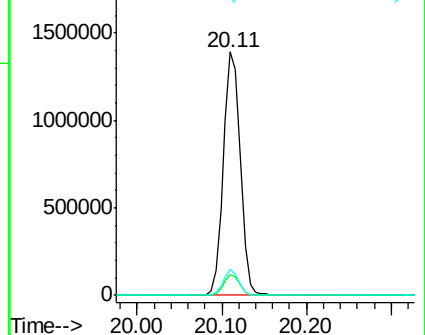
122 10.6 7.0 10.4#



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. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

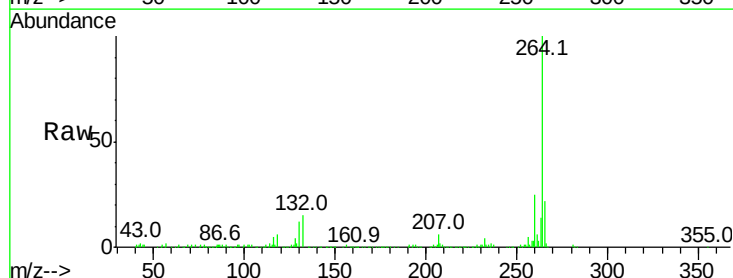
Tgt Ion:264 Resp: 505645

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.8 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

