

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030493.D
 Acq On : 27 Oct 2017 12:09
 Operator : SJ/JU
 Sample : I6024-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Oct 27 14:45:50 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

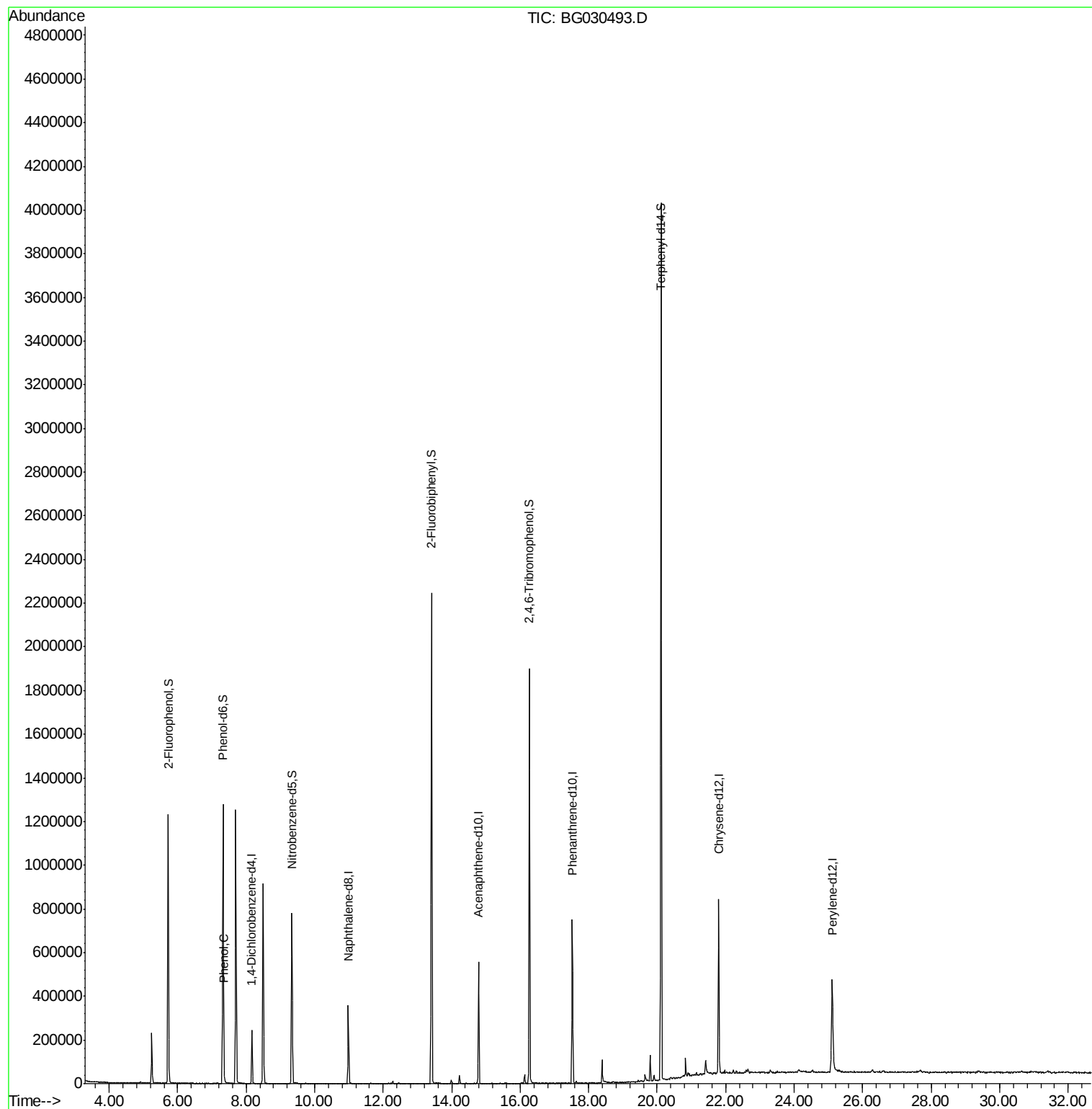
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70541	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	323130	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	206212	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	478606	20.00	ng	0.00
75) Chrysene-d12	21.80	240	509217	20.00	ng	0.00
86) Perylene-d12	25.11	264	512618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	578594	137.02	ng	0.00
7) Phenol-d6	7.32	99	788901	133.10	ng	0.00
23) Nitrobenzene-d5	9.34	82	484100	95.20	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	381389	143.25	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1237265	88.00	ng	0.00
78) Terphenyl-d14	20.11	244	1844583	82.41	ng	0.00
Target Compounds						
10) Phenol	7.35	94	20987	3.284	ng	Qvalue 96

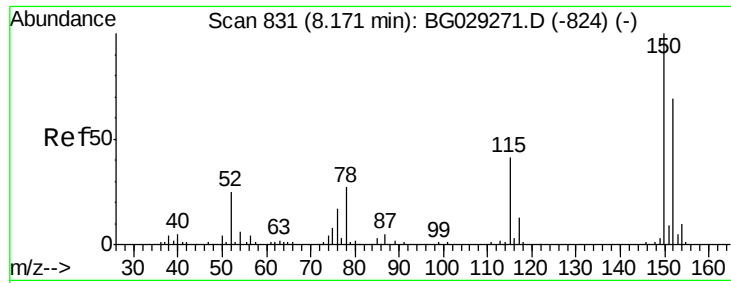
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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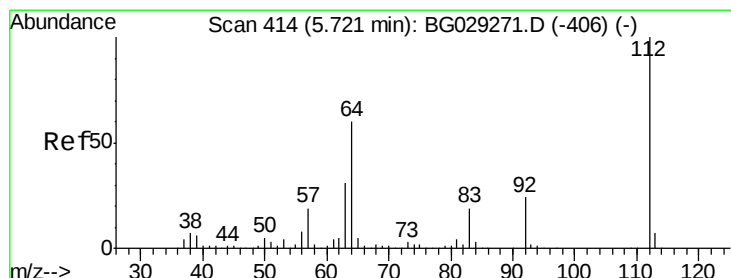
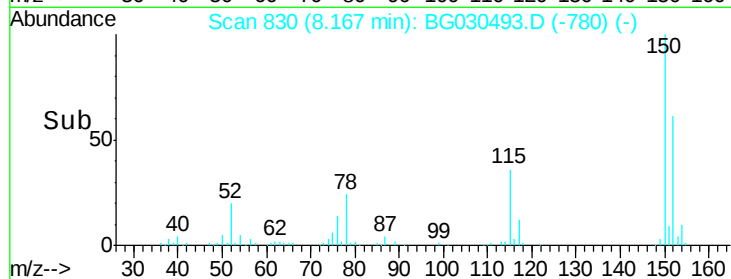
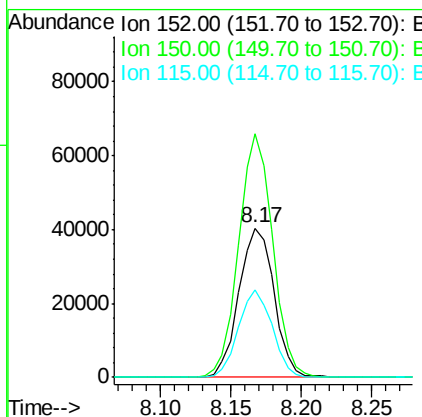
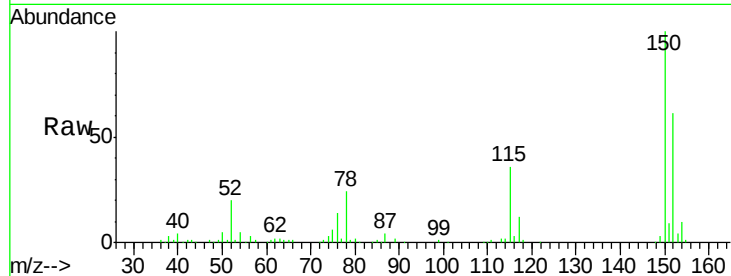




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG030493.D
 Acq: 27 Oct 2017 12:09

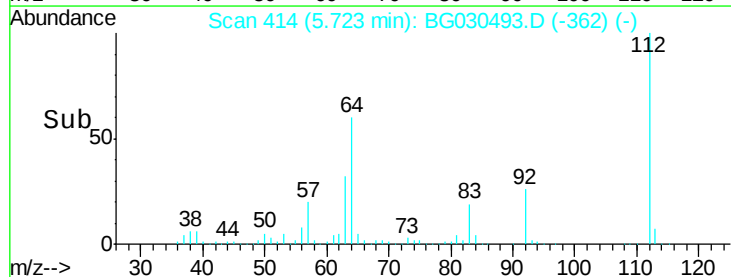
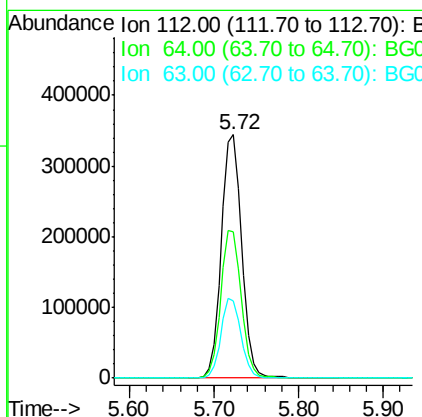
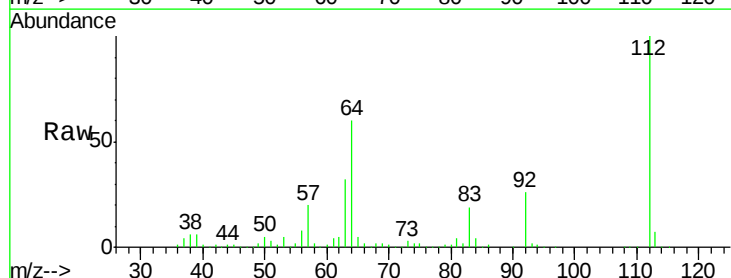
Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

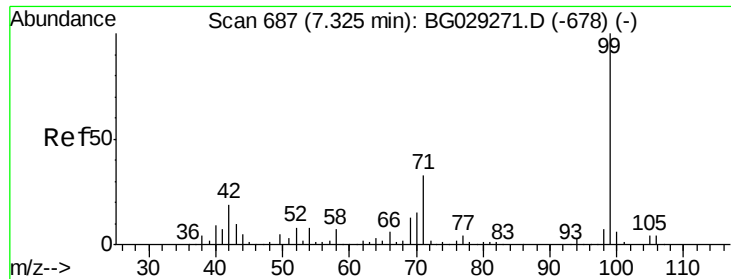
Tgt Ion:152 Resp: 70541
 Ion Ratio Lower Upper
 152 100
 150 162.9 126.6 189.8
 115 58.6 53.0 79.4



#5
 2-Fluorophenol
 Concen: 137.023 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG030493.D
 Acq: 27 Oct 2017 12:09

Tgt Ion:112 Resp: 578594
 Ion Ratio Lower Upper
 112 100
 64 59.9 56.3 84.5
 63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 133.101 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030493.D

Acq: 27 Oct 2017 12:09

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

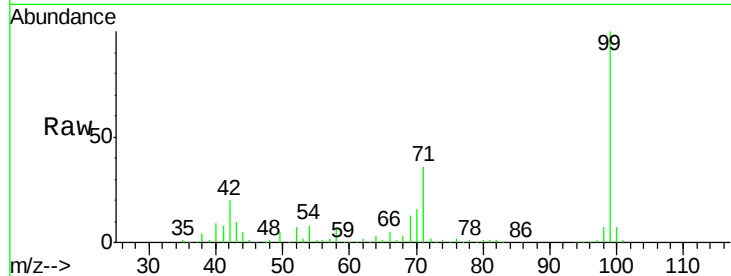
Tgt Ion: 99 Resp: 788901

Ion Ratio Lower Upper

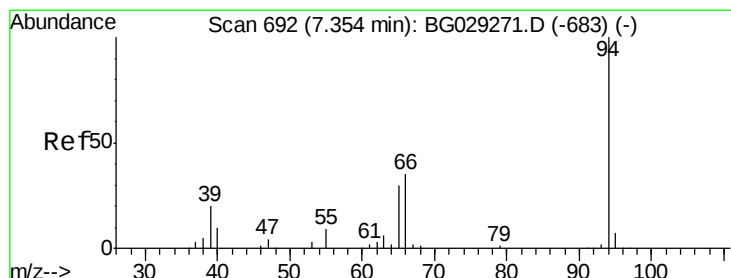
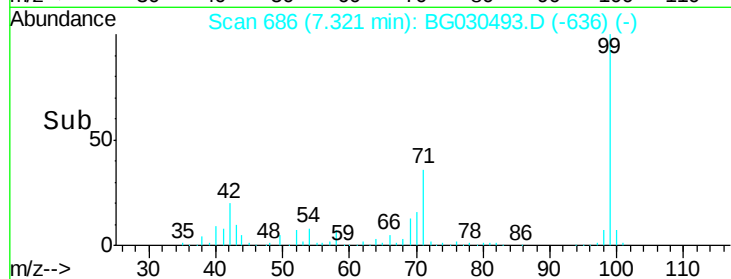
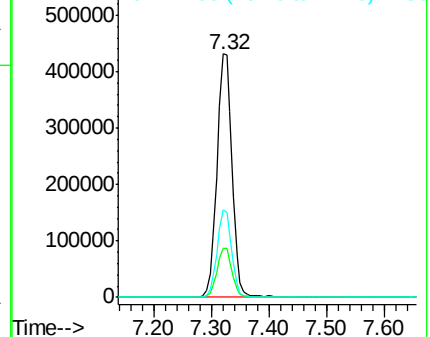
99 100

42 20.2 14.1 21.1

71 35.9 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



#10

Phenol

Concen: 3.284 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG030493.D

Acq: 27 Oct 2017 12:09

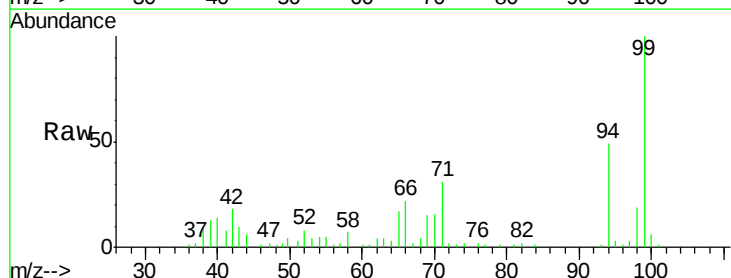
Tgt Ion: 94 Resp: 20987

Ion Ratio Lower Upper

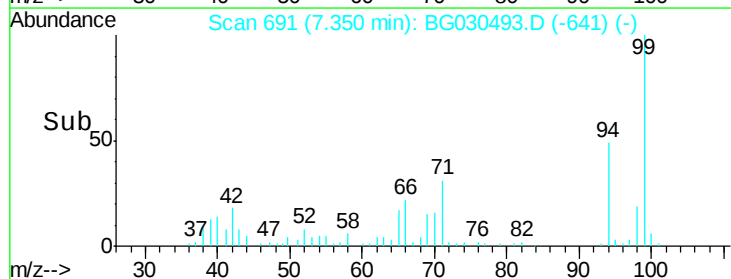
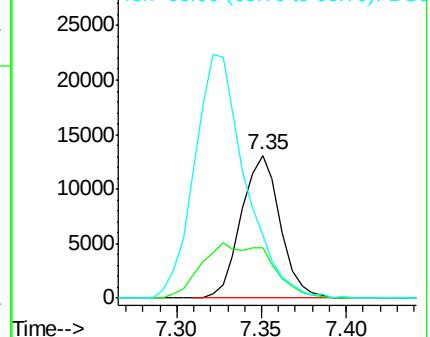
94 100

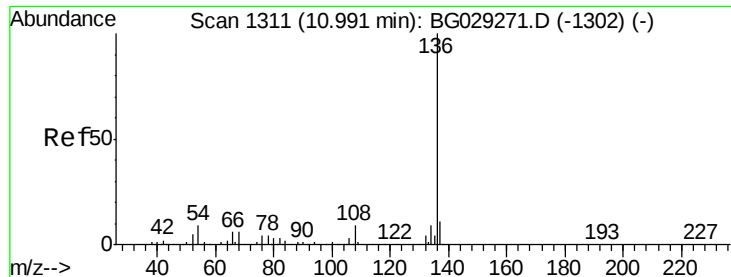
65 34.9 11.9 51.9

66 43.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

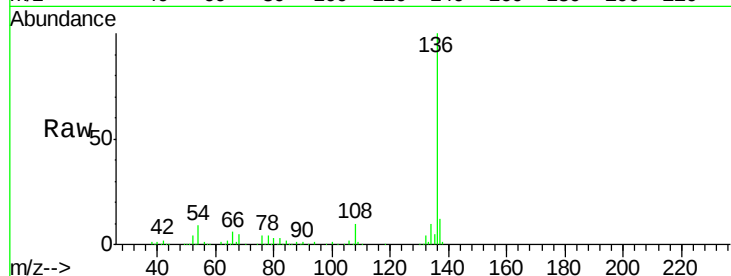




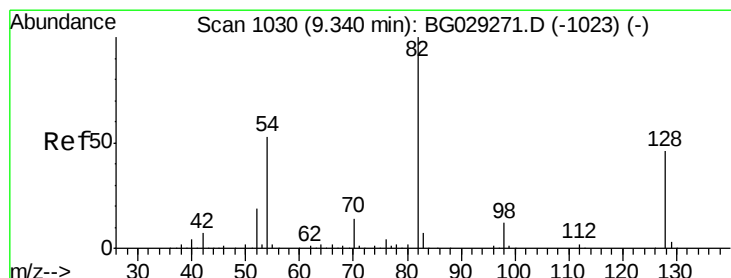
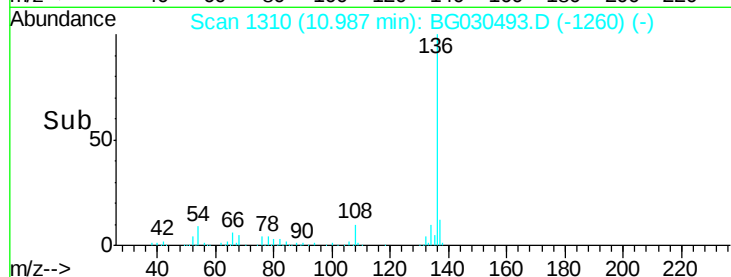
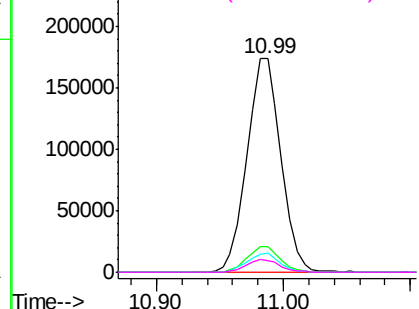
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG030493.D
Acq: 27 Oct 2017 12:09

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

Tgt Ion:	136	Resp:	323130
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.8	10.3	15.5#
68	5.3	4.5	6.7

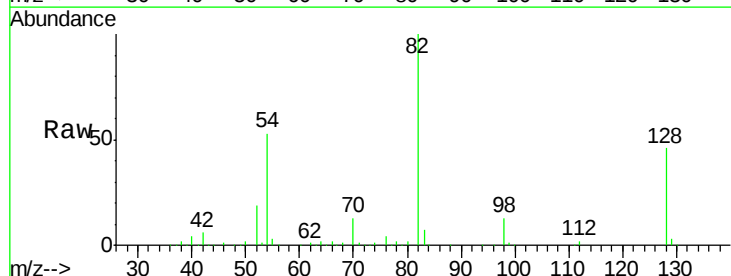


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

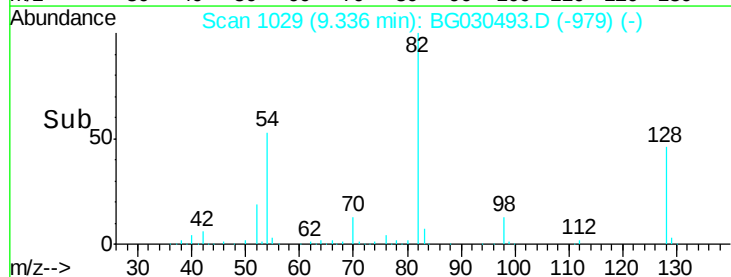
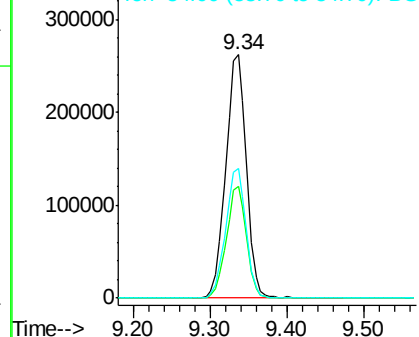


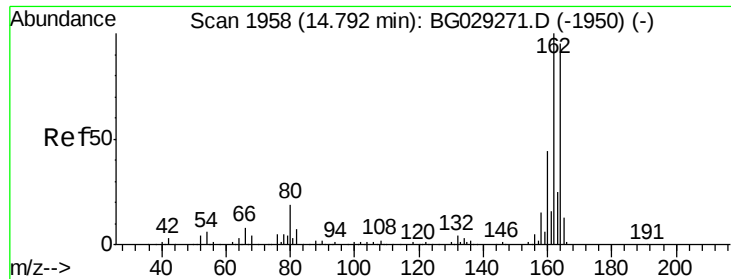
#23
Nitrobenzene-d5
Concen: 95.204 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG030493.D
Acq: 27 Oct 2017 12:09

Tgt Ion:	82	Resp:	484100
Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	53.2	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG030493.D

Acq: 27 Oct 2017 12:09

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

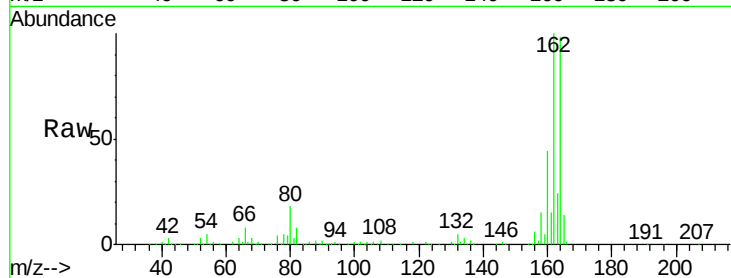
Tgt Ion:164 Resp: 206212

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

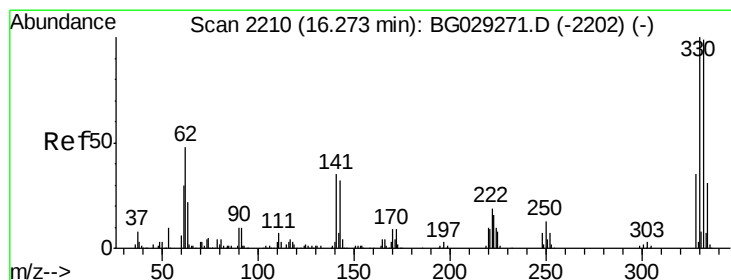
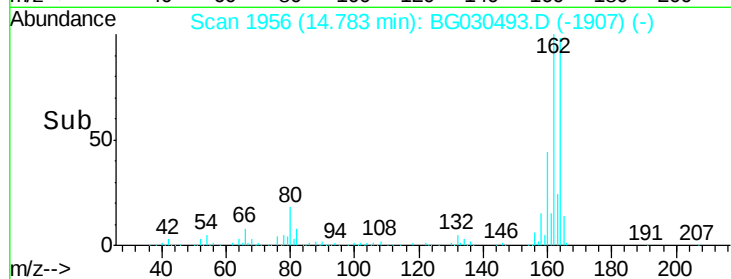
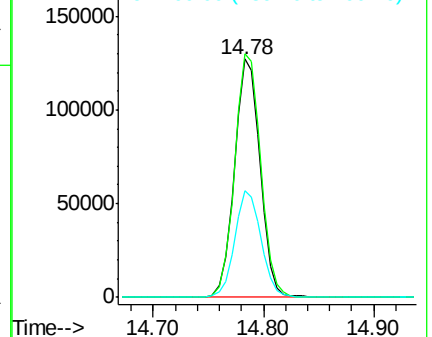
160 44.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.250 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG030493.D

Acq: 27 Oct 2017 12:09

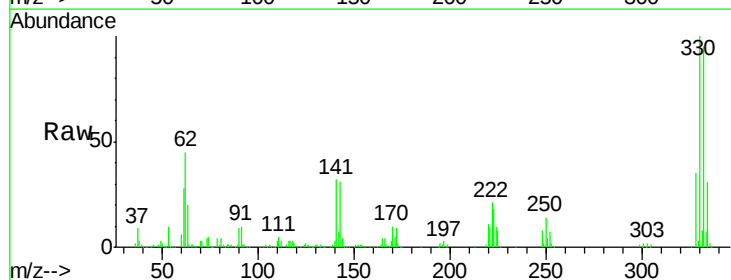
Tgt Ion:330 Resp: 381389

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

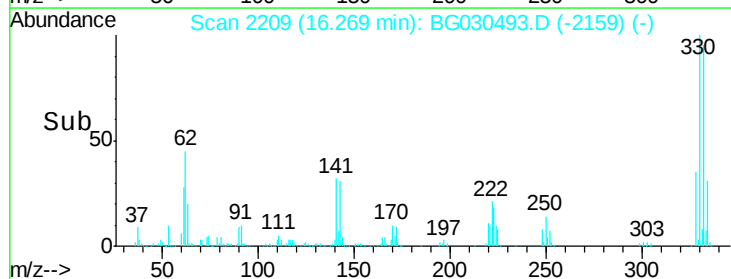
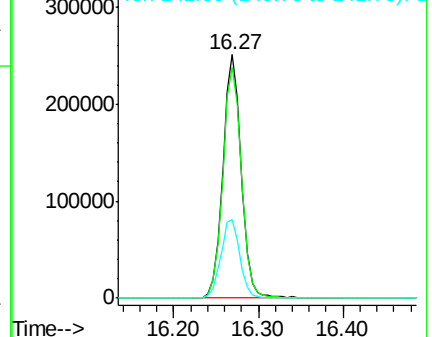
141 34.0 25.2 37.8

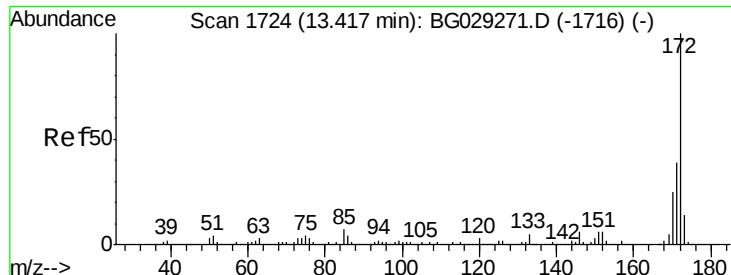


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

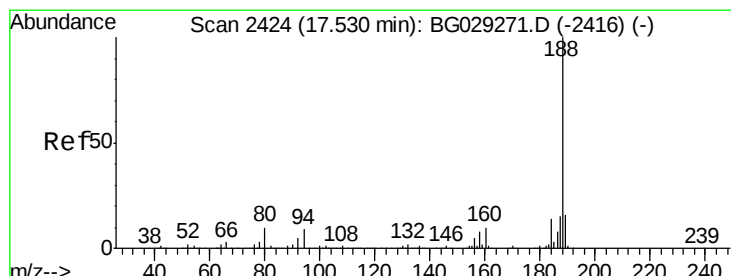
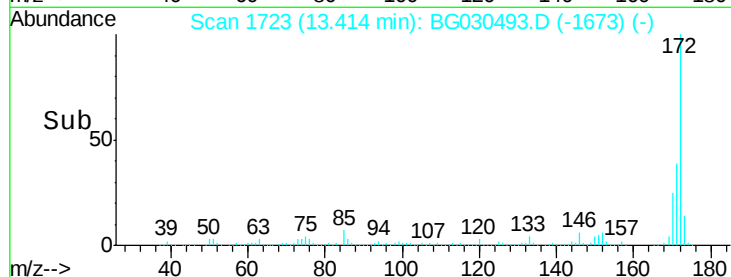
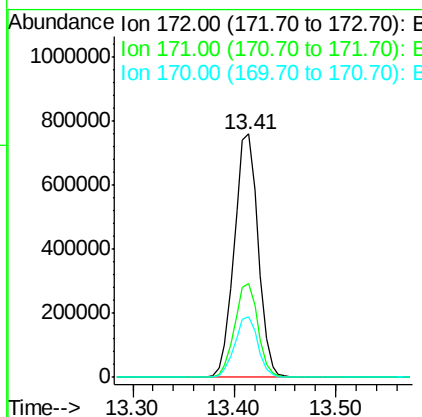
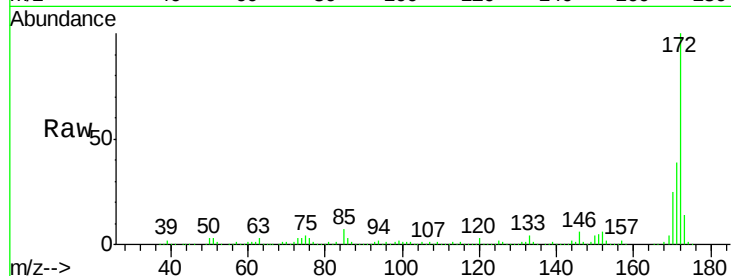




#44
 2-Fluorobiphenyl
 Concen: 87.999 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030493.D
 Acq: 27 Oct 2017 12:09

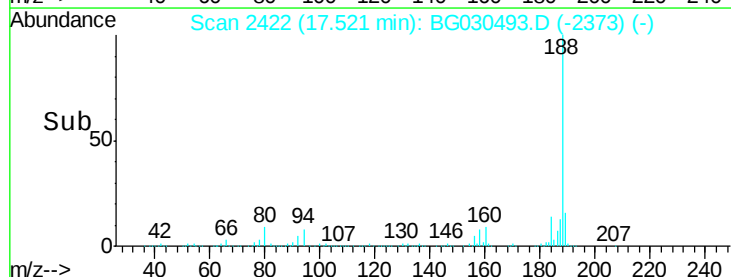
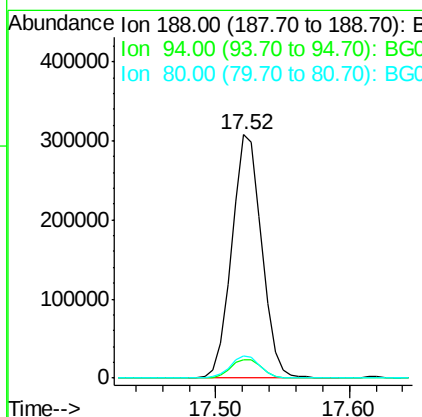
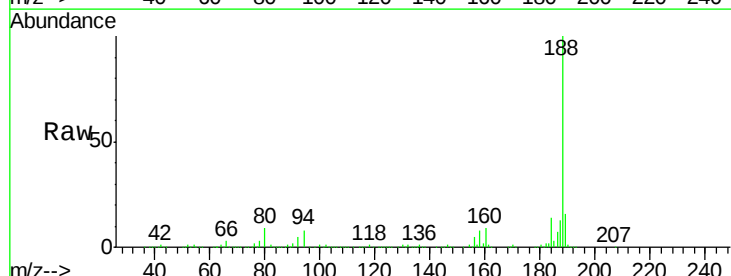
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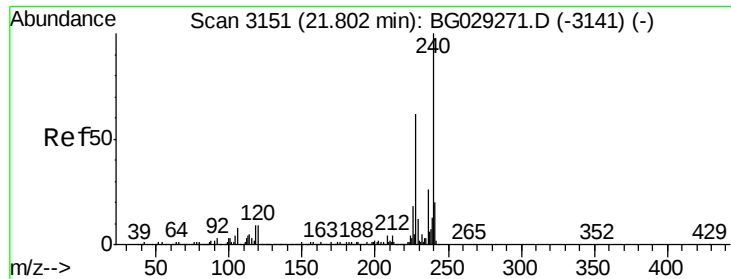
Tgt Ion:172 Resp: 1237265
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 24.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030493.D
 Acq: 27 Oct 2017 12:09

Tgt Ion:188 Resp: 478606
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.9 10.3
 80 9.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030493.D

Acq: 27 Oct 2017 12:09

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

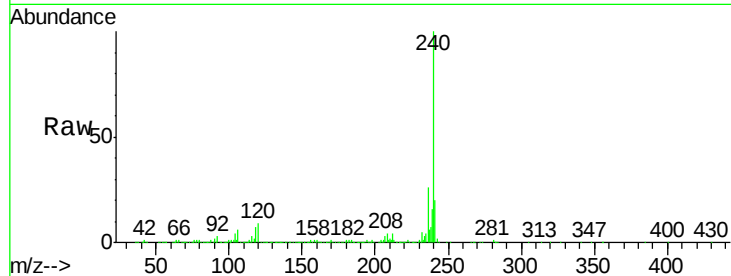
Tgt Ion:240 Resp: 509217

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

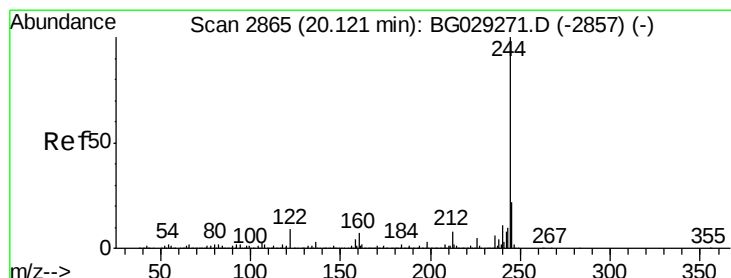
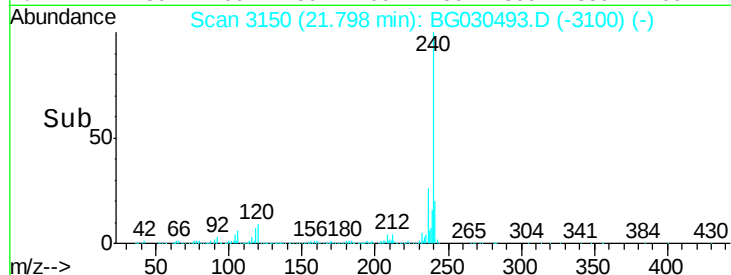
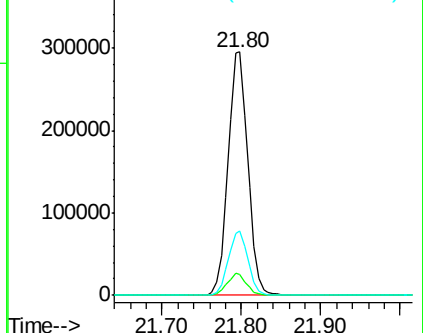
236 26.4 20.9 31.3



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: 82.407 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030493.D

Acq: 27 Oct 2017 12:09

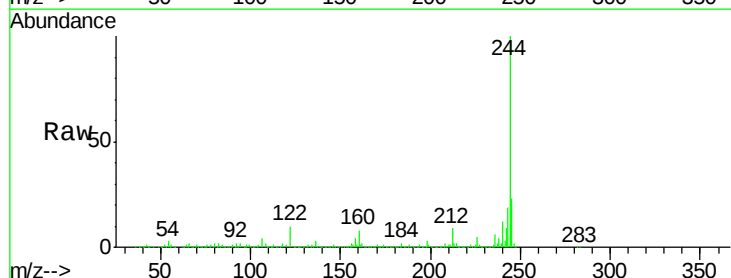
Tgt Ion:244 Resp: 1844583

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

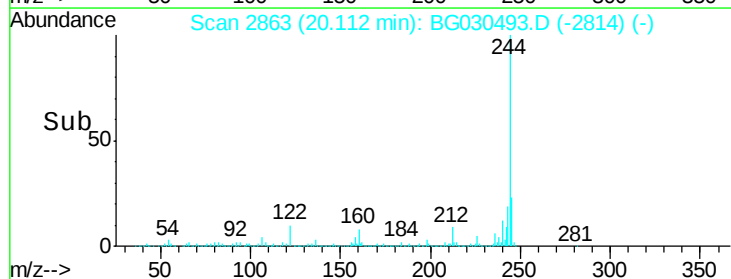
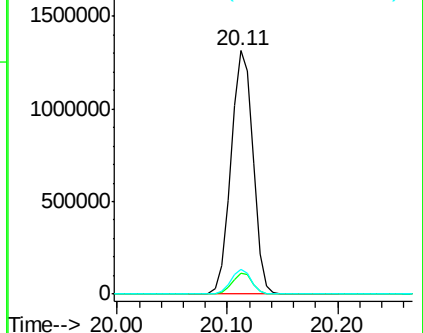
122 10.0 7.0 10.4

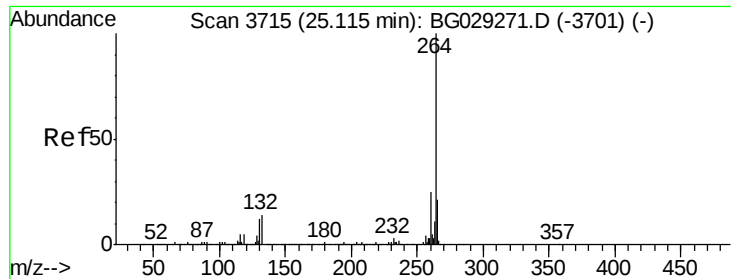


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG030493.D
Acq: 27 Oct 2017 12:09

Instrument :
BNA_G
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Tgt Ion: 264 Resp: 512618
Ion Ratio Lower Upper
264 100
260 24.8 17.4 26.0
265 21.7 17.7 26.5

