

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029392.D
 Acq On : 21 Oct 2017 15:24
 Operator : SJ/JU
 Sample : I5972-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:38:01 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

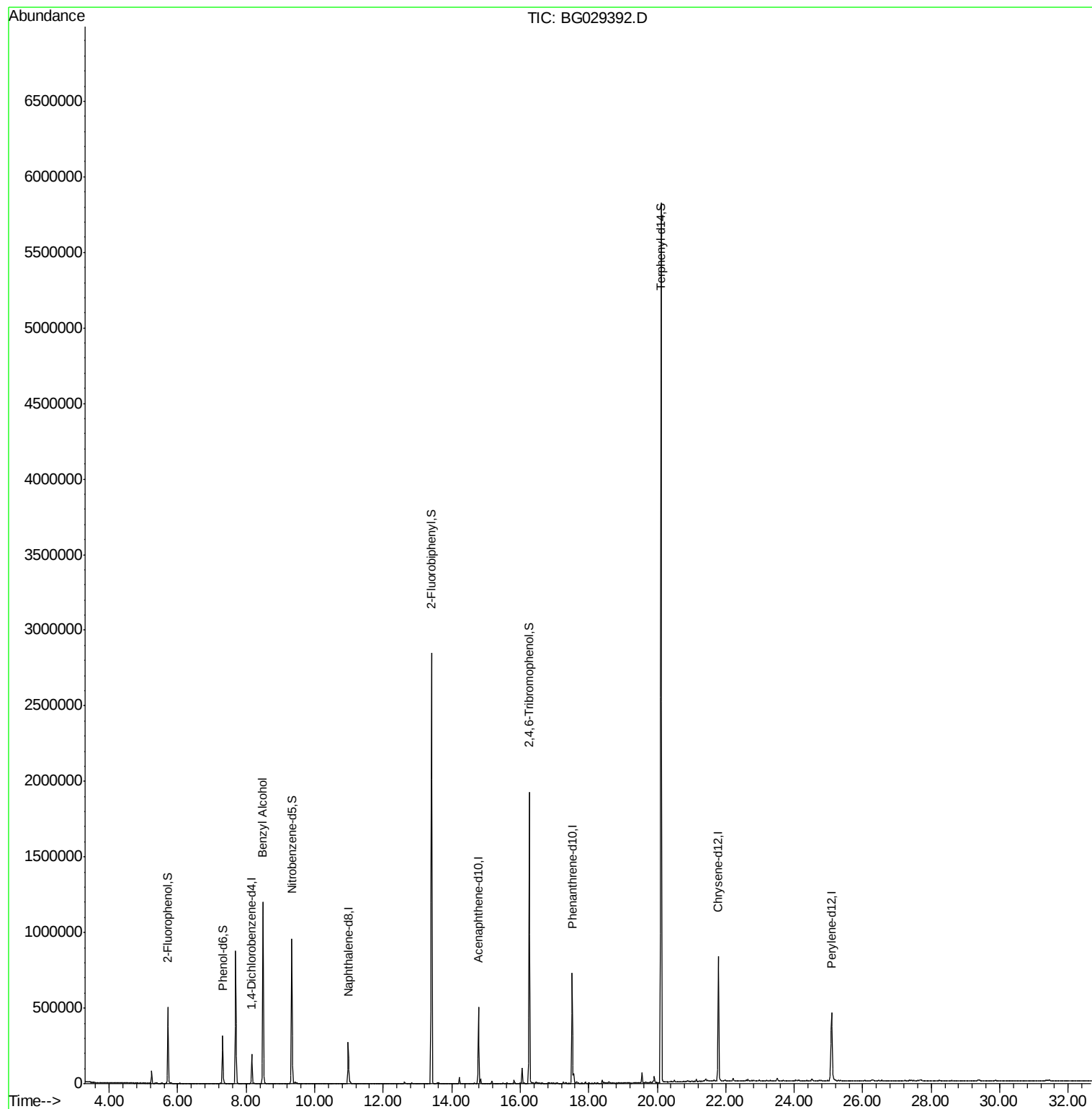
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53919	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	243643	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	170415	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	457117	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	501280	20.00	ng	-0.02
86) Perylene-d12	25.09	264	511437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	231303	71.66	ng	0.00
7) Phenol-d6	7.31	99	191805	42.34	ng	-0.01
23) Nitrobenzene-d5	9.33	82	581313	151.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	392544	178.41	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1555867	133.90	ng	0.00
78) Terphenyl-d14	20.11	244	2704007	122.71	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.49	79	8937	2.799	ng	Qvalue # 34

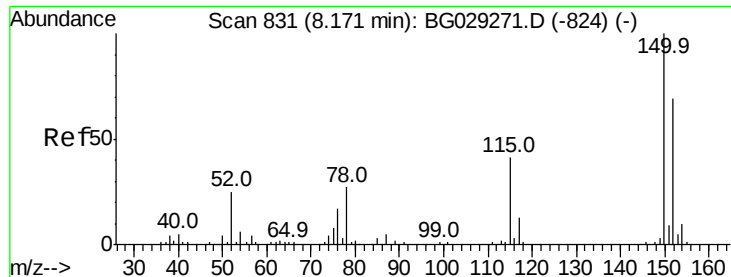
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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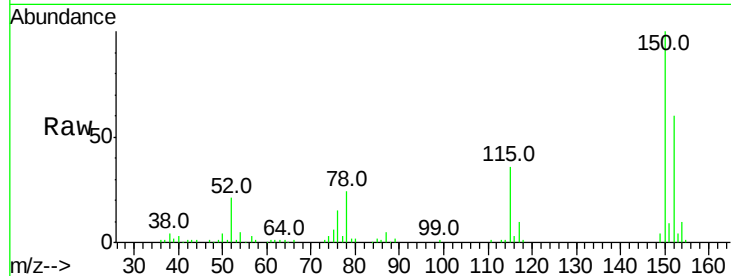


#1

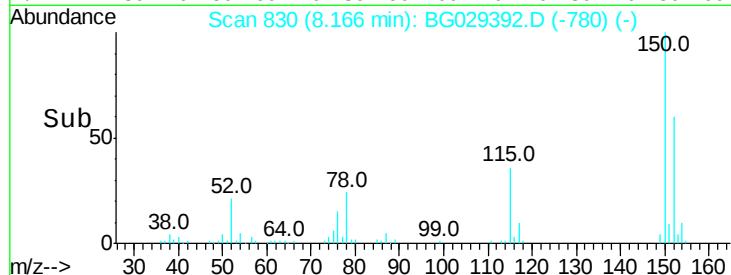
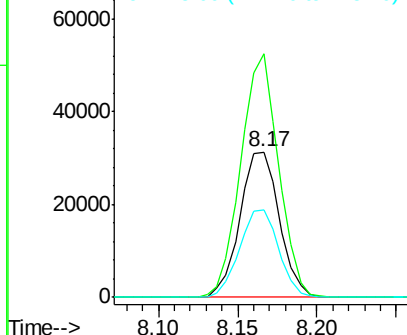
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53919
Ion Ratio Lower Upper
152 100
150 167.4 126.6 189.8
115 60.1 53.0 79.4



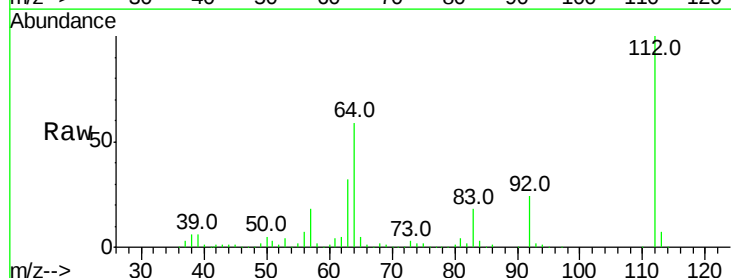
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



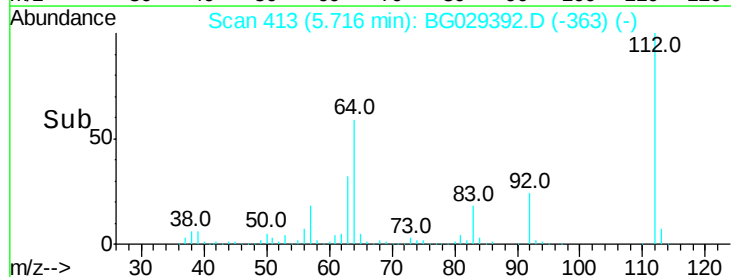
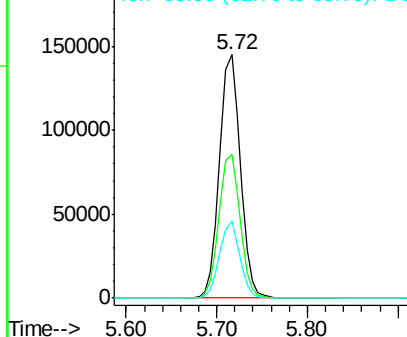
#5

2-Fluorophenol
Concen: 71.664 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Tgt Ion:112 Resp: 231303
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 31.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 42.337 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

Instrument :

BNA_G

ClientSampled :

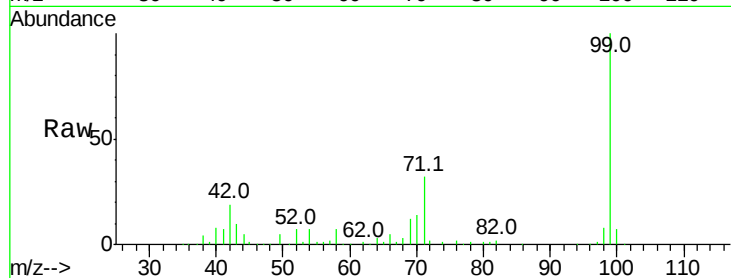
Tot Ion: 99 Resp: 191805

Ion Ratio Lower Upper

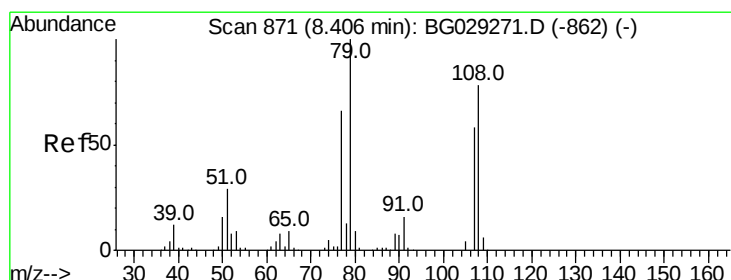
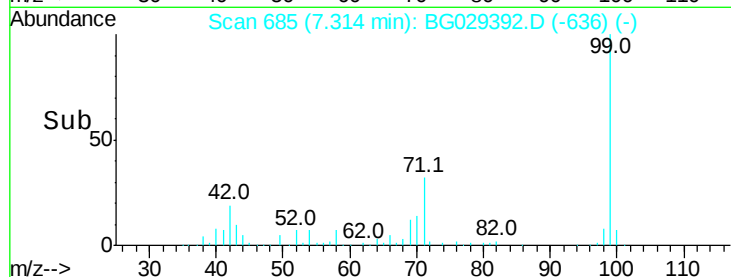
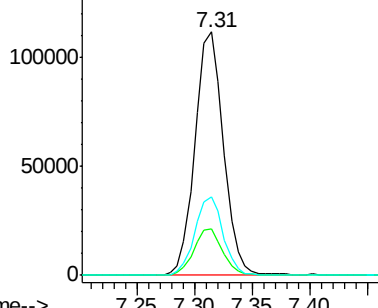
99 100

42 19.1 14.1 21.1

71 32.4 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



#15

Benzyl Alcohol

Concen: 2.799 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.08 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

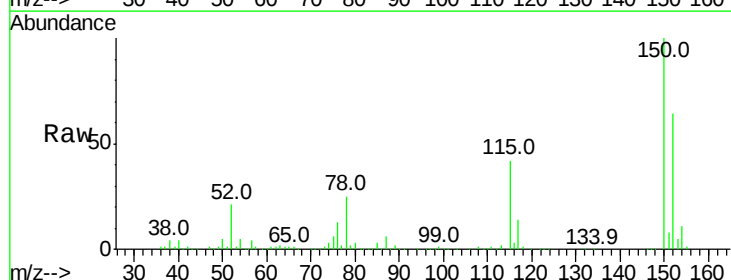
Tgt Ion: 79 Resp: 8937

Ion Ratio Lower Upper

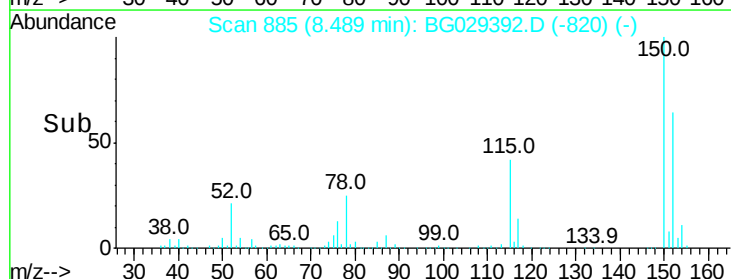
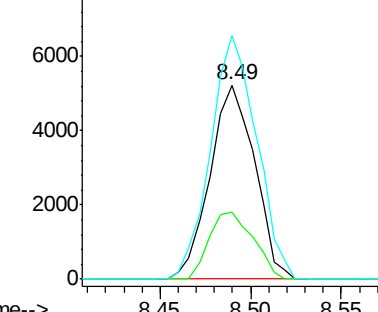
79 100

108 34.6 57.2 85.8#

77 125.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

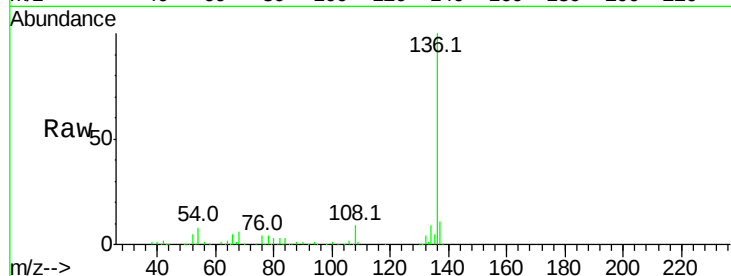




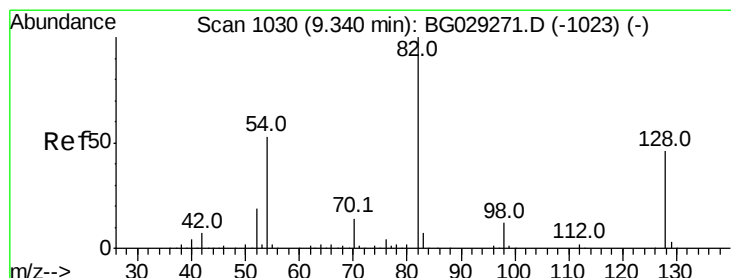
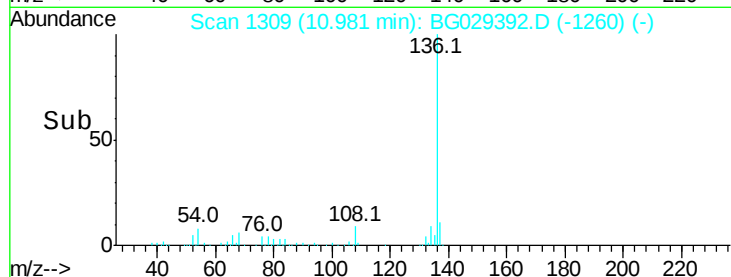
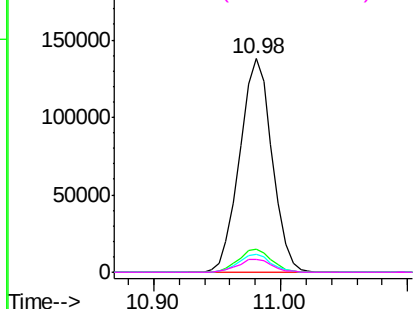
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 243643
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 8.4	10.3 15.5#
68 6.0	4.5 6.7

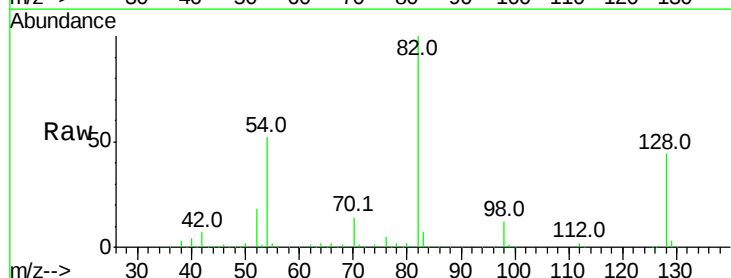


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

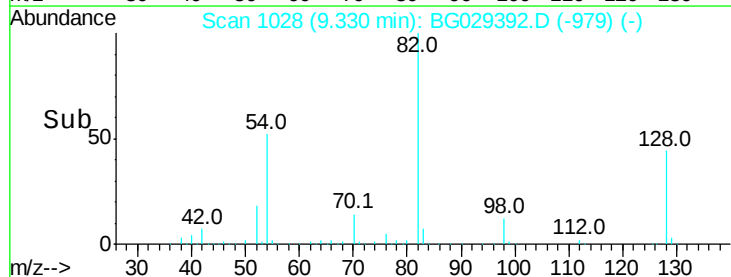
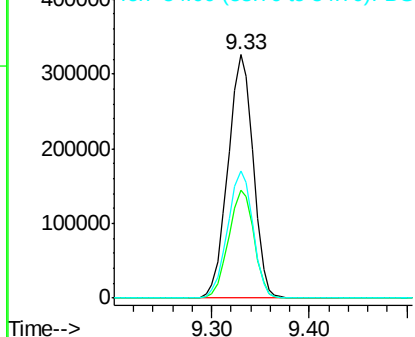


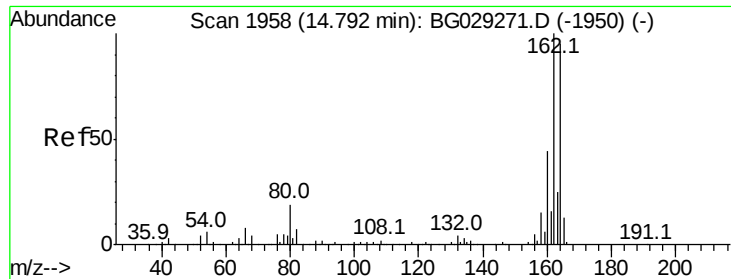
#23
Nitrobenzene-d5
Concen: 151.619 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Tgt Ion: 82	Resp: 581313
Ion Ratio	Lower Upper
82 100	
128 44.3	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): 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: BG029392.D

Acq: 21 Oct 2017 15:24

Instrument :

BNA_G

ClientSampleId :

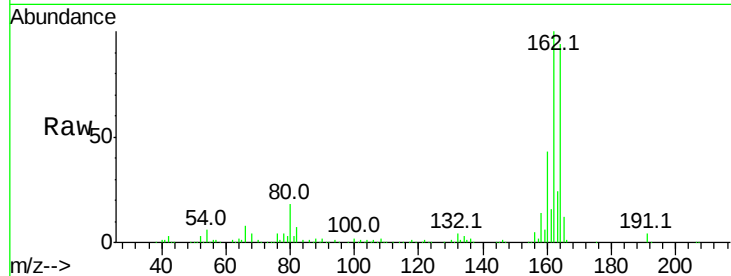
Tot Ion:164 Resp: 170415

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

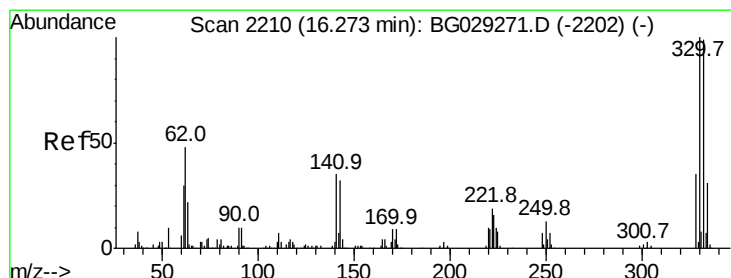
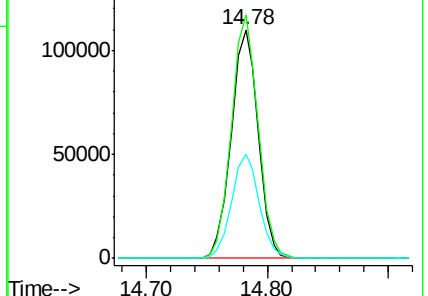
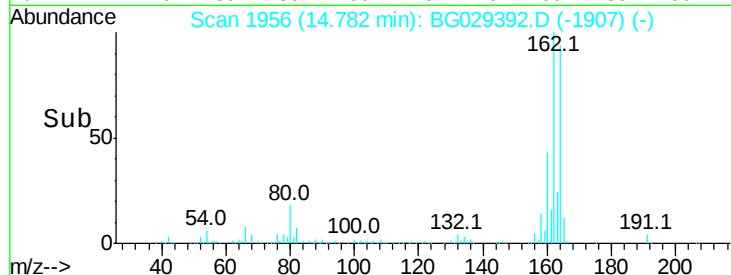
160 45.7 35.4 53.0



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: 178.410 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

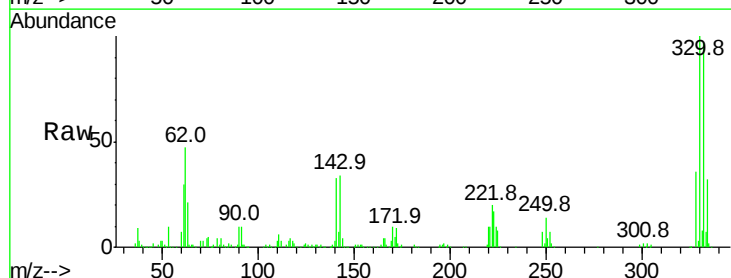
Tgt Ion:330 Resp: 392544

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

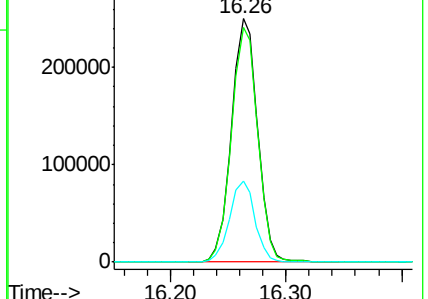
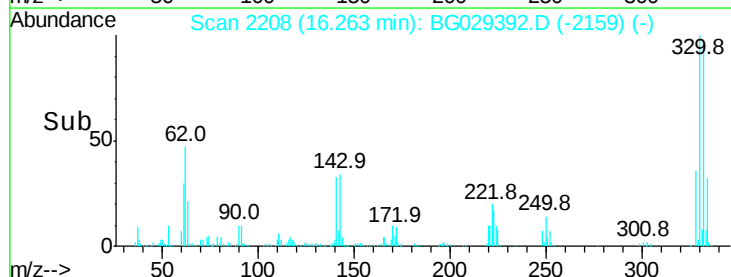
141 32.7 25.2 37.8



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



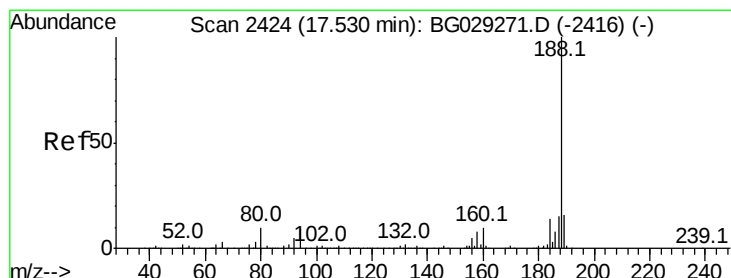
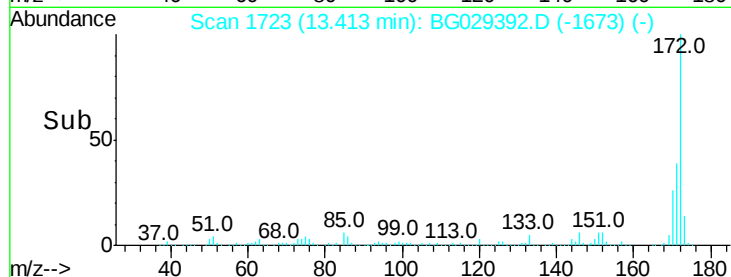
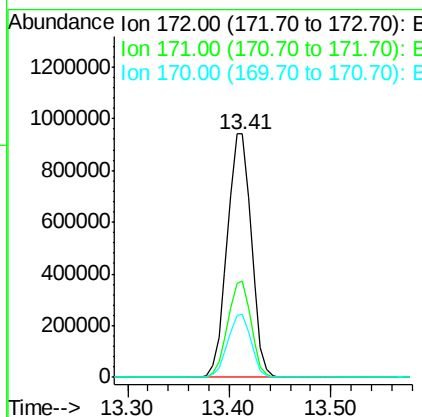
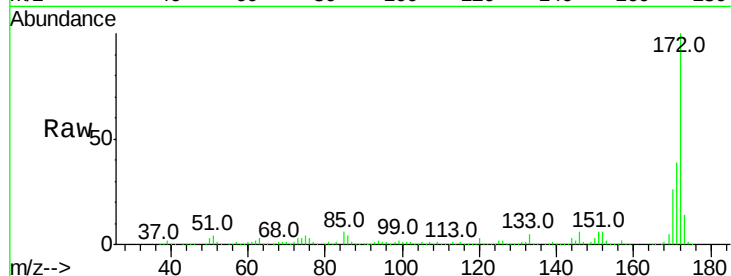


#44
 2-Fluorobiphenyl
 Concen: 133.904 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1555867

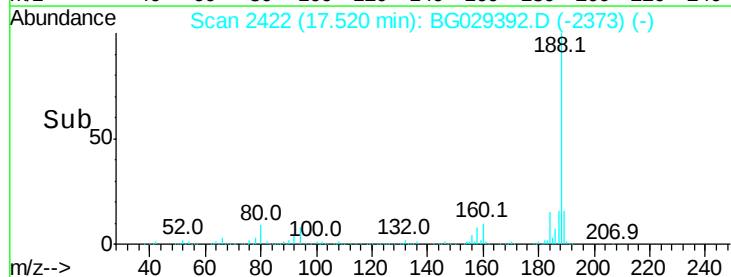
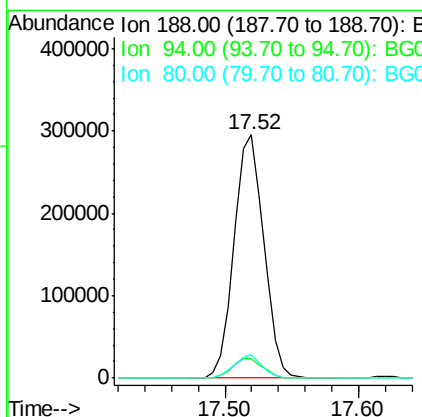
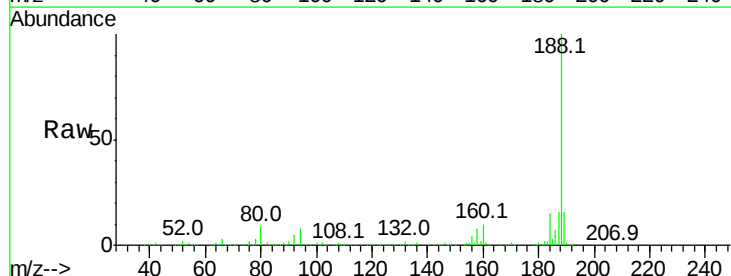
Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.8	19.5	29.3

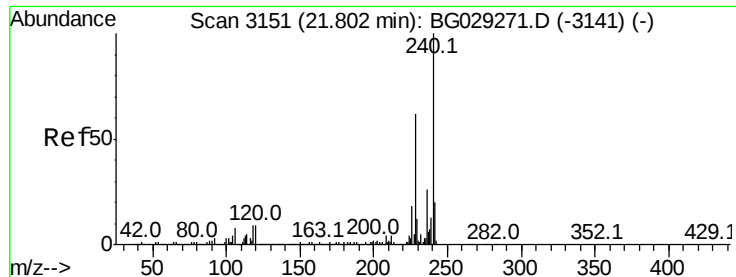


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

Tgt Ion:188 Resp: 457117

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.5	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

Instrument :

BNA_G

ClientSampleId :

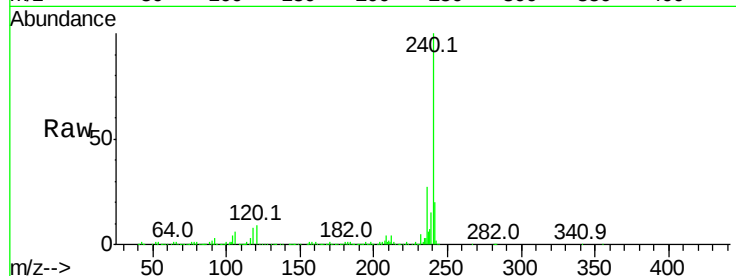
Tot Ion:240 Resp: 501280

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

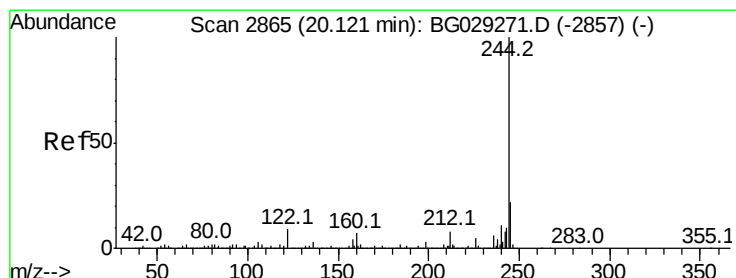
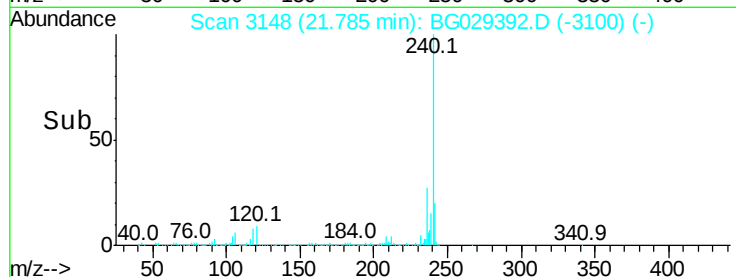
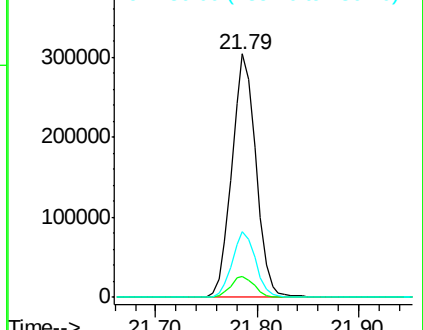
236 26.8 20.9 31.3



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: 122.714 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

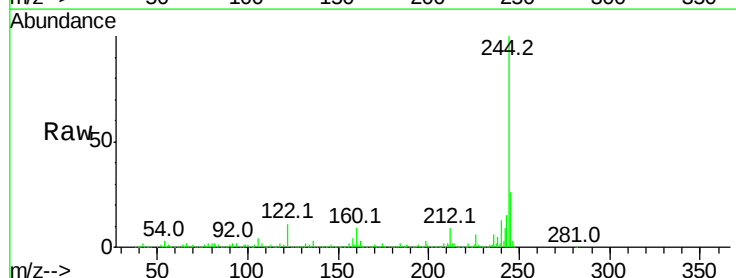
Tgt Ion:244 Resp: 2704007

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

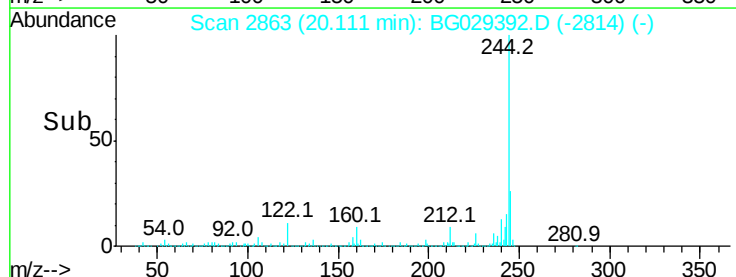
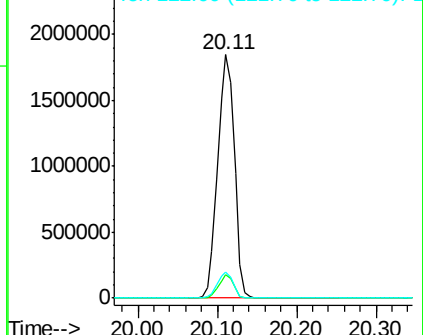
122 10.7 7.0 10.4#

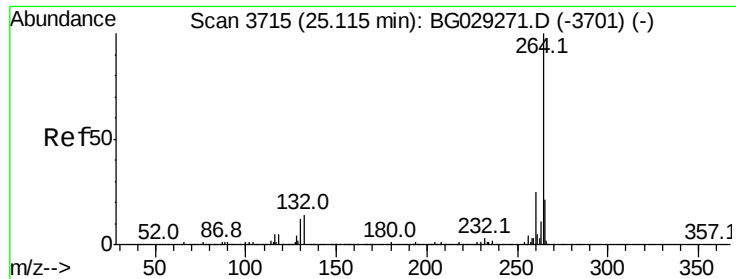


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.2	17.7	26.5

