

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029342.D
 Acq On : 18 Oct 2017 21:51
 Operator : SJ/JU
 Sample : I5834-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 00:11:45 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

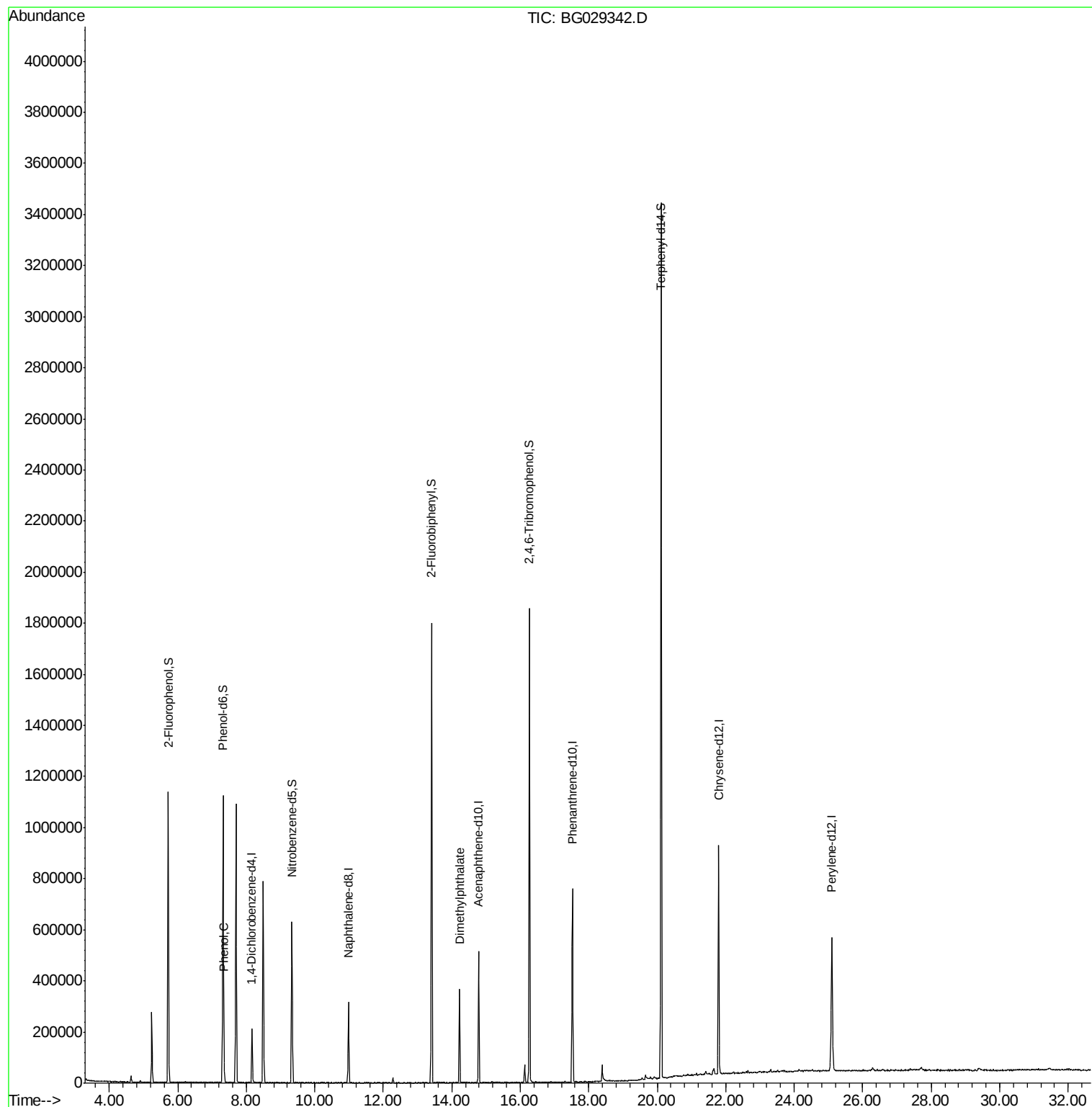
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59221	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	274366	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	182415	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	480592	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	542737	20.00	ng	-0.01
86) Perylene-d12	25.10	264	555569	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	498182	140.53	ng	0.00
7) Phenol-d6	7.32	99	672459	135.14	ng	0.00
23) Nitrobenzene-d5	9.33	82	384407	89.03	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	371426	157.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	929731	74.75	ng	0.00
78) Terphenyl-d14	20.11	244	1618610	67.85	ng	-0.01
Target Compounds						
10) Phenol	7.35	94	40019	7.460	ng	94
49) Dimethylphthalate	14.23	163	250019	17.567	ng	98

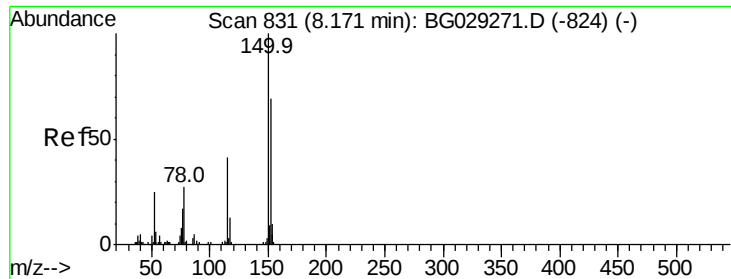
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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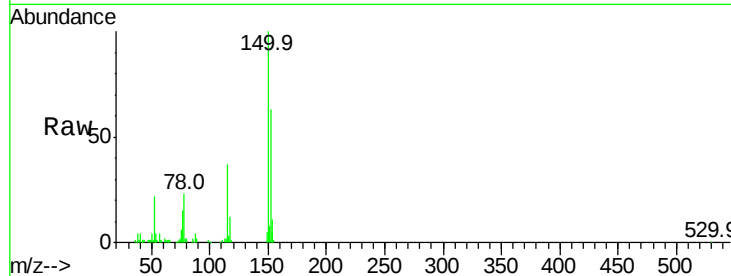


#1

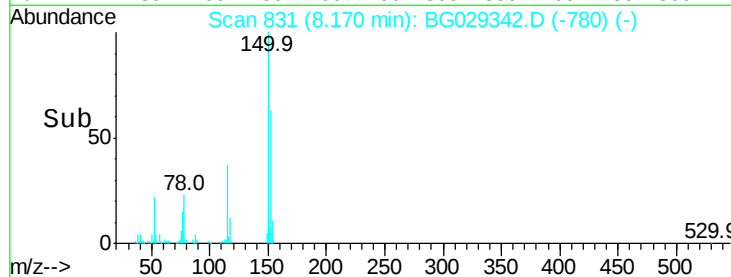
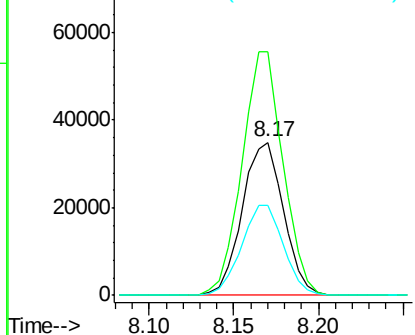
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029342.D
Acq: 18 Oct 2017 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59221
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 58.6 53.0 79.4



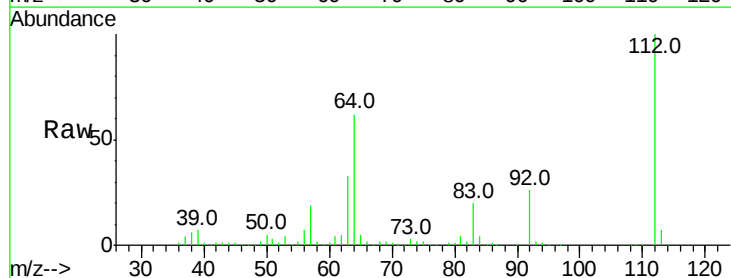
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



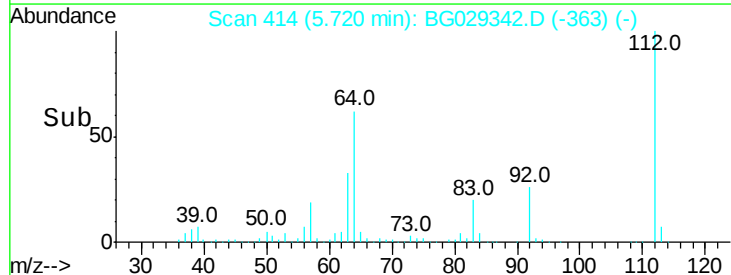
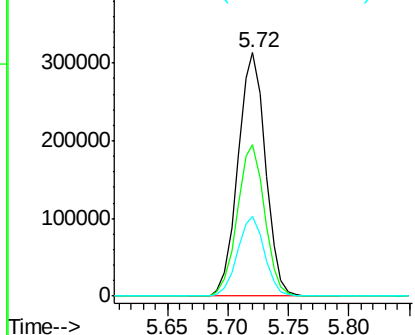
#5

2-Fluorophenol
Concen: 140.531 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029342.D
Acq: 18 Oct 2017 21:51

Tgt Ion:112 Resp: 498182
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 32.5 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: 135.142 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029342.D

Acq: 18 Oct 2017 21:51

Instrument :

BNA_G

ClientSampled :

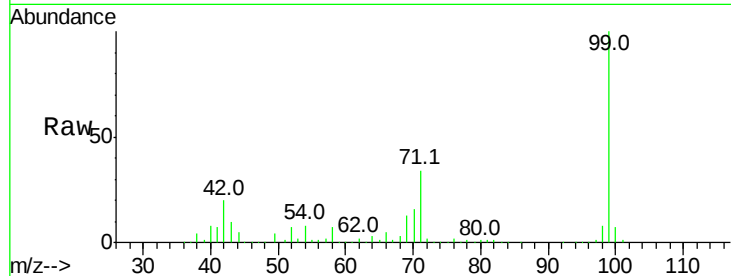
Tot Ion: 99 Resp: 672459

Ion Ratio Lower Upper

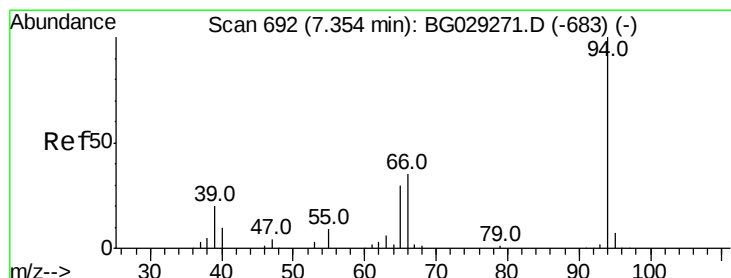
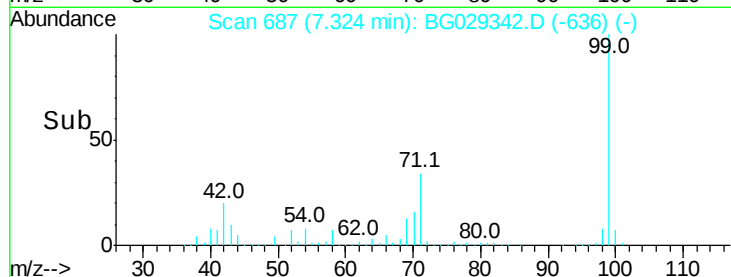
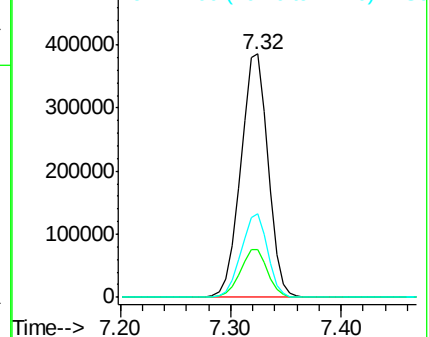
99 100

42 19.6 14.1 21.1

71 34.2 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: 7.460 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029342.D

Acq: 18 Oct 2017 21:51

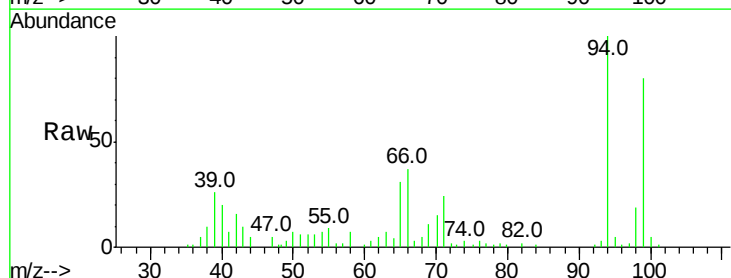
Tgt Ion: 94 Resp: 40019

Ion Ratio Lower Upper

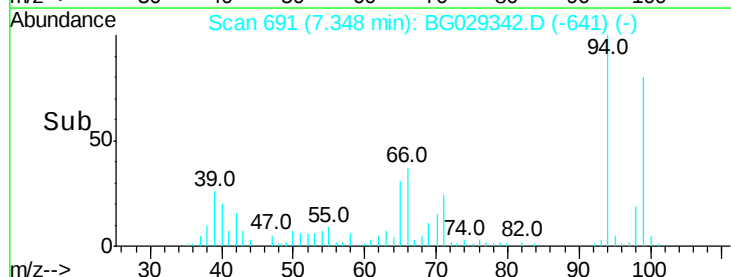
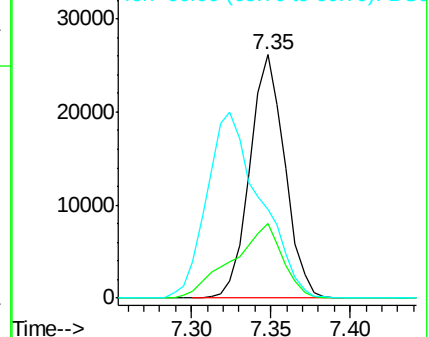
94 100

65 30.6 11.9 51.9

66 36.7 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

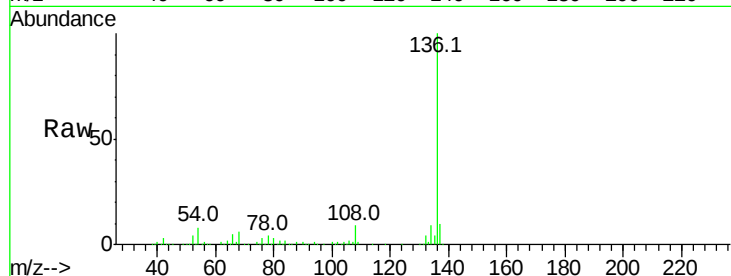




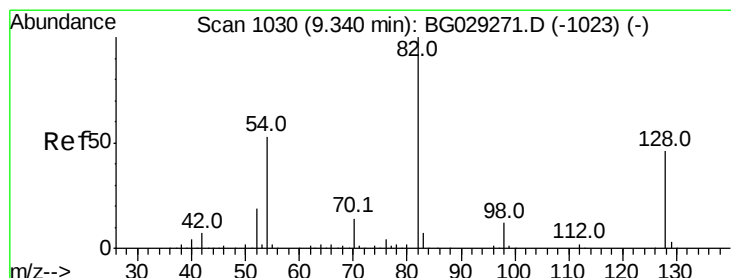
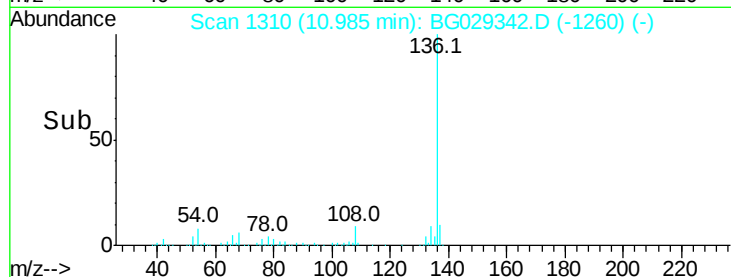
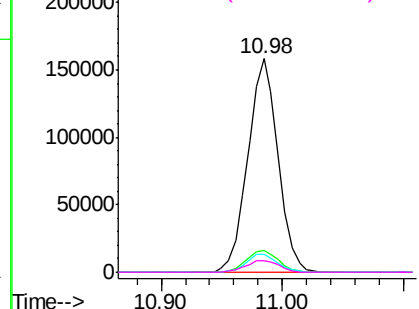
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029342.D
Acq: 18 Oct 2017 21:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	274366
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	8.4	10.3 15.5#
68	5.5	4.5 6.7

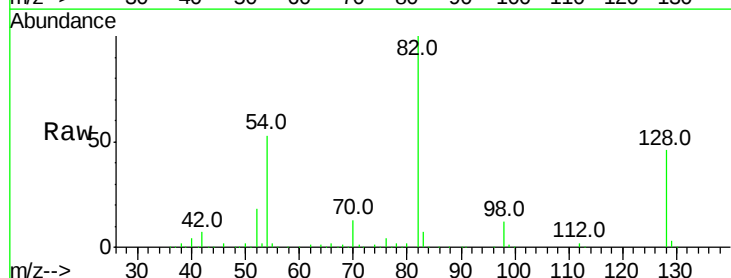


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

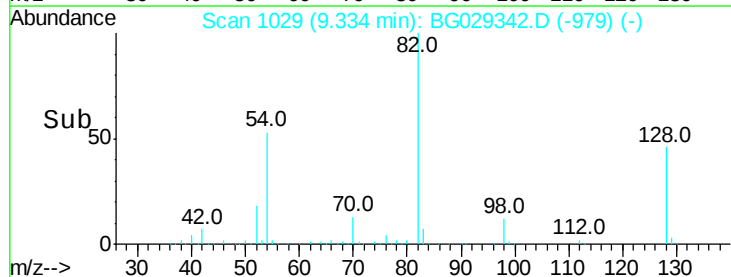
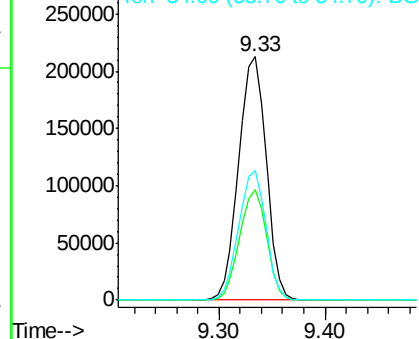


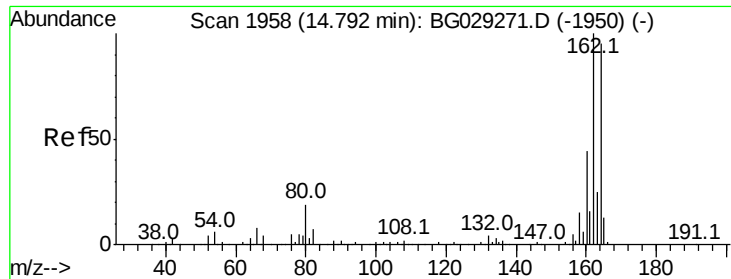
#23
Nitrobenzene-d5
Concen: 89.034 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029342.D
Acq: 18 Oct 2017 21:51

Tgt Ion: 82	Resp:	384407
Ion Ratio	Lower	Upper
82	100	
128	45.5	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): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029342.D

Acq: 18 Oct 2017 21:51

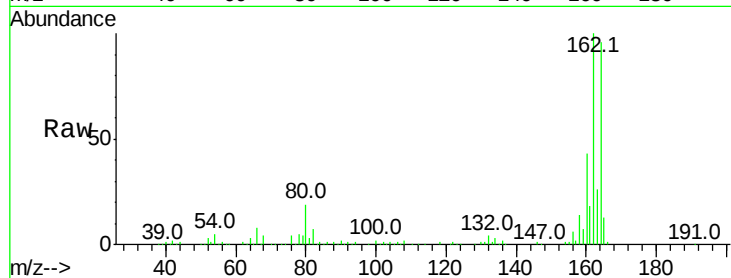
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 182415

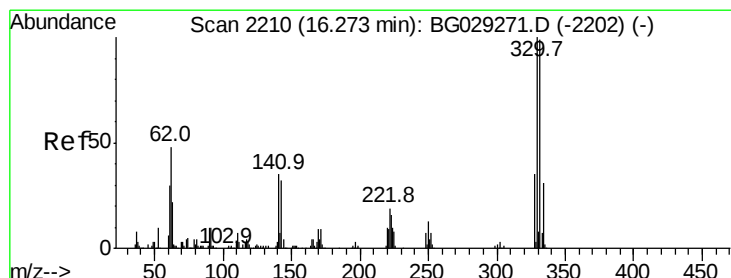
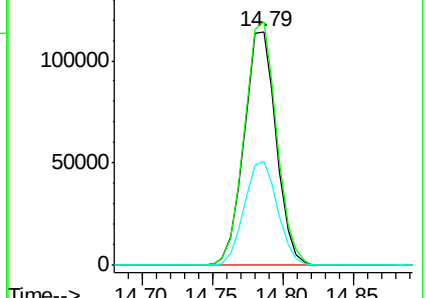
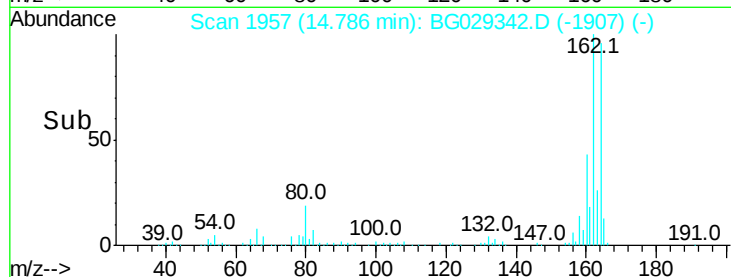
Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	44.6	35.4	53.0



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: 157.707 ng

RT: 16.27 min Scan# 2209

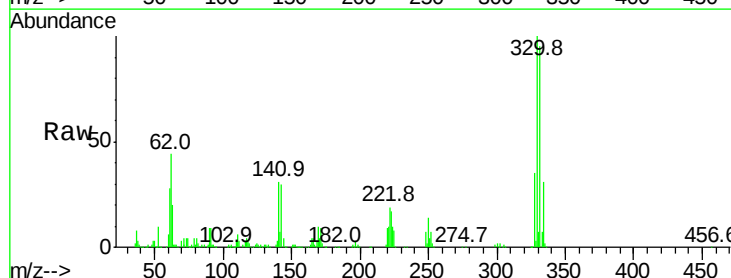
Delta R.T. -0.01 min

Lab File: BG029342.D

Acq: 18 Oct 2017 21:51

Tgt Ion:330 Resp: 371426

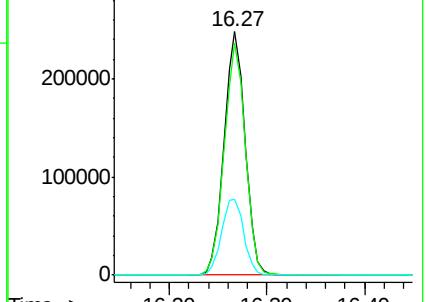
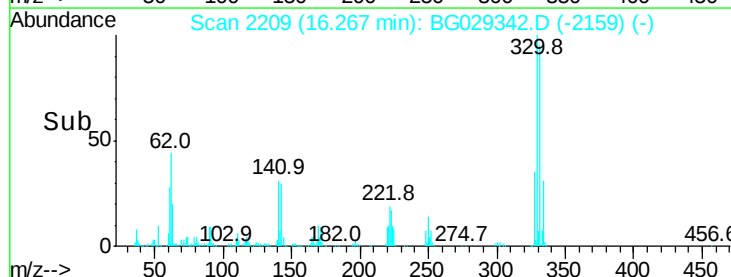
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.9	25.2	37.8



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

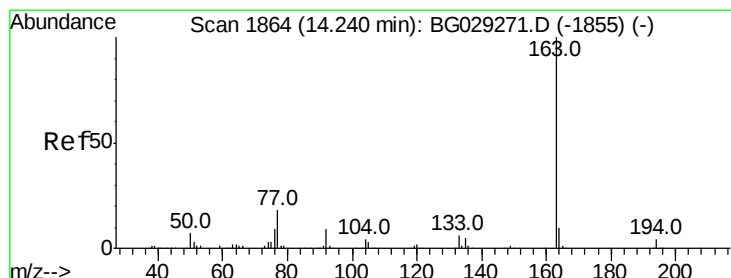
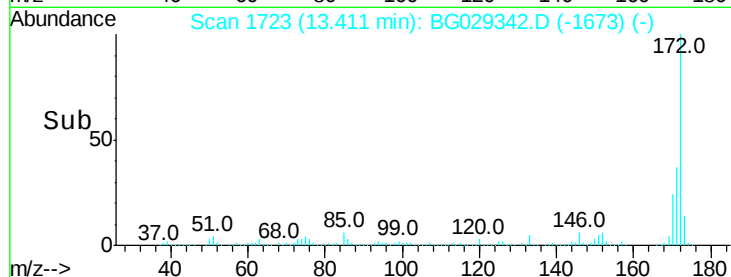
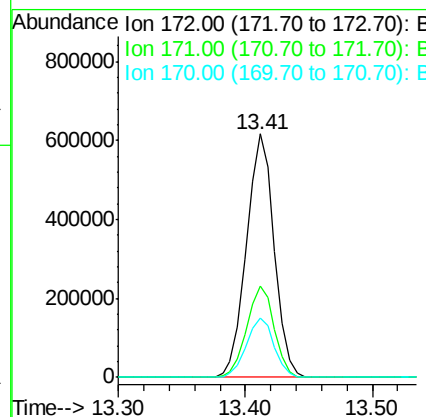
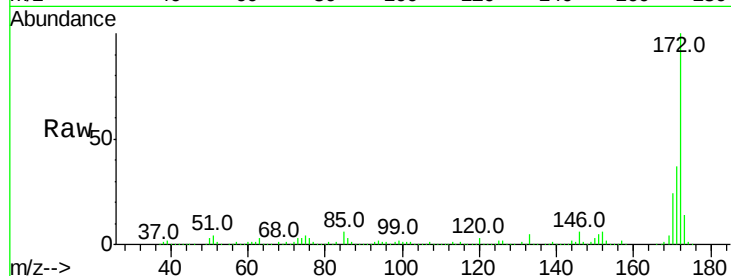




#44
 2-Fluorobiphenyl
 Concen: 74.752 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029342.D
 Acq: 18 Oct 2017 21:51

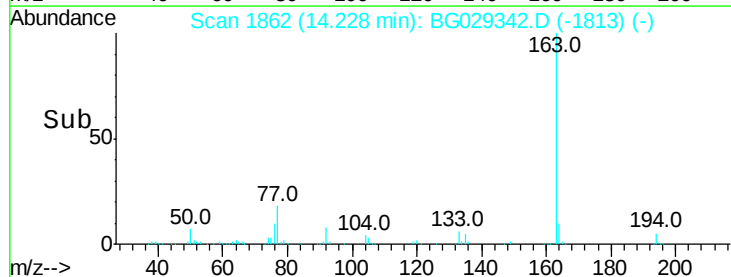
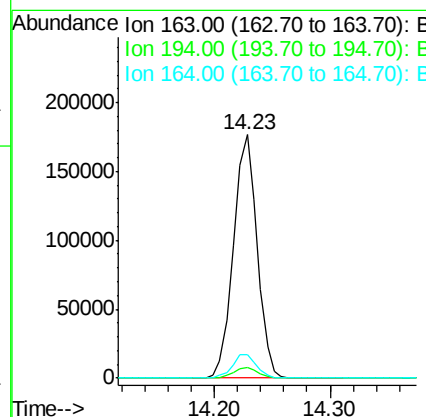
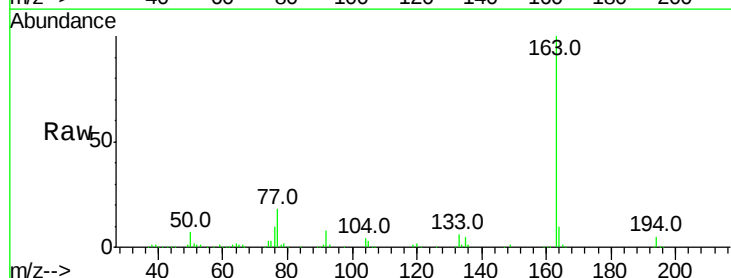
Instrument :
 BNA_G
 ClientSampleId :

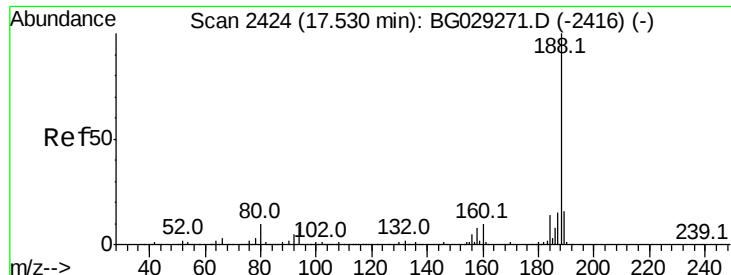
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.2	19.5	29.3



#49
 Dimethylphthalate
 Concen: 17.567 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029342.D
 Acq: 18 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.6	8.2	12.4

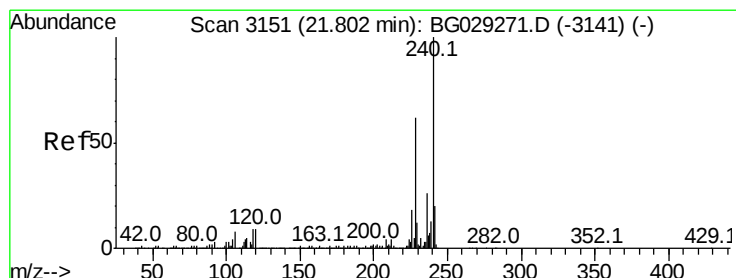
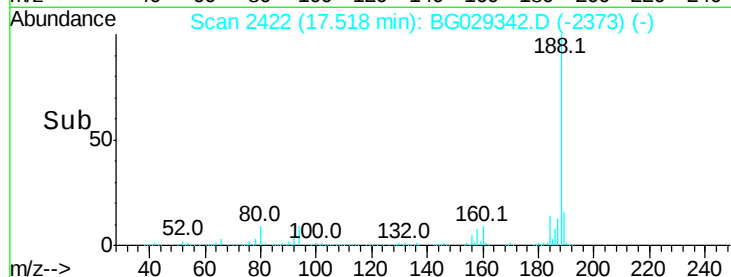
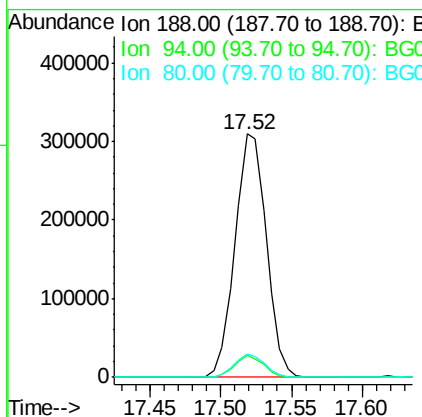
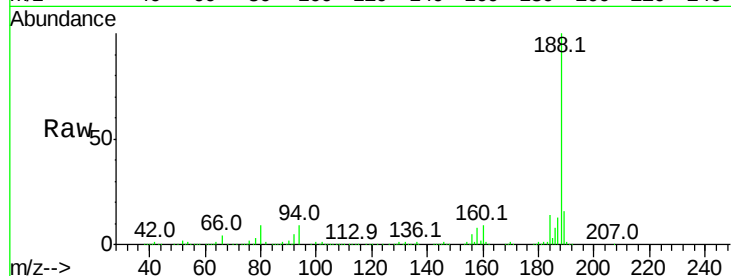




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029342.D
Acq: 18 Oct 2017 21:51

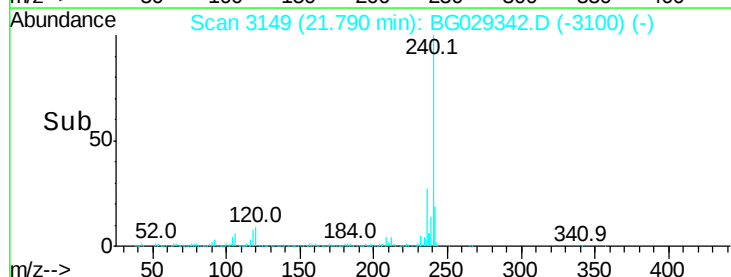
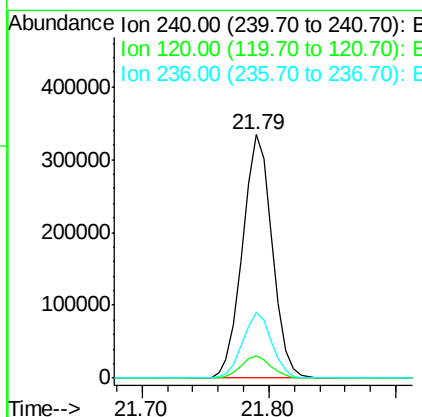
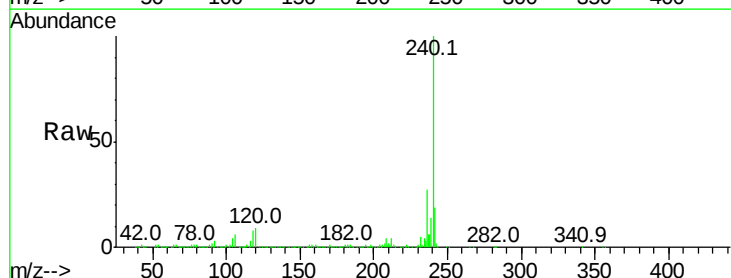
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 480592
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029342.D
Acq: 18 Oct 2017 21:51

Tgt Ion:240 Resp: 542737
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 67.845 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029342.D

Acq: 18 Oct 2017 21:51

Instrument :

BNA_G

ClientSampleId :

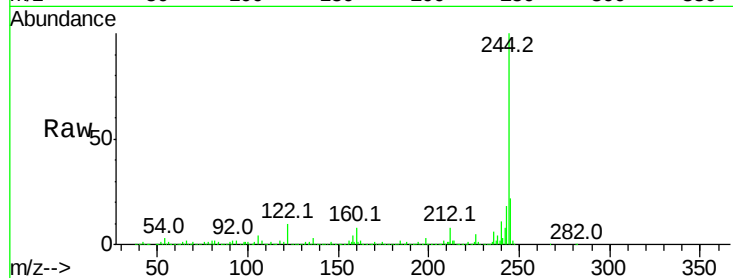
Tot Ion:244 Resp: 1618610

Ion Ratio Lower Upper

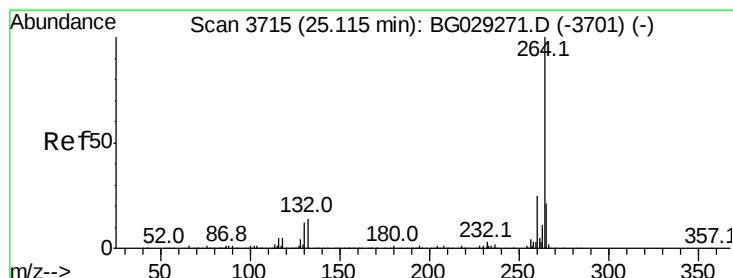
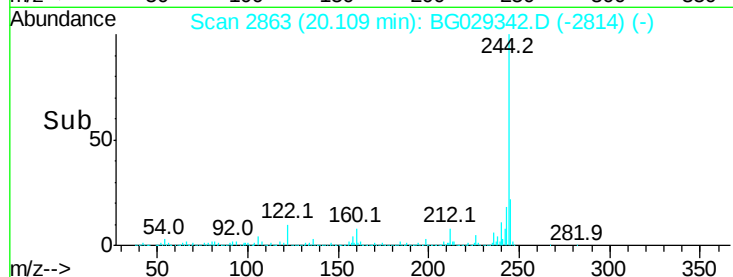
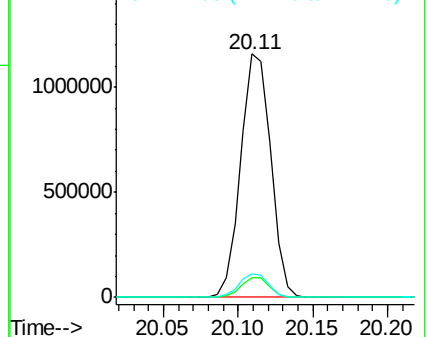
244 100

212 8.2 5.8 8.8

122 9.8 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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029342.D

Acq: 18 Oct 2017 21:51

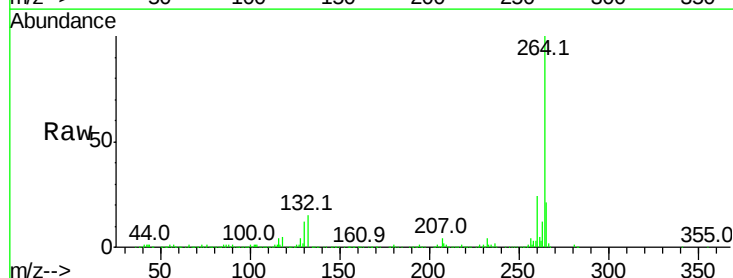
Tgt Ion:264 Resp: 555569

Ion Ratio Lower Upper

264 100

260 23.6 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

