

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029371.D
 Acq On : 20 Oct 2017 14:09
 Operator : SJ/JU
 Sample : I5922-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 20 18:33:55 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

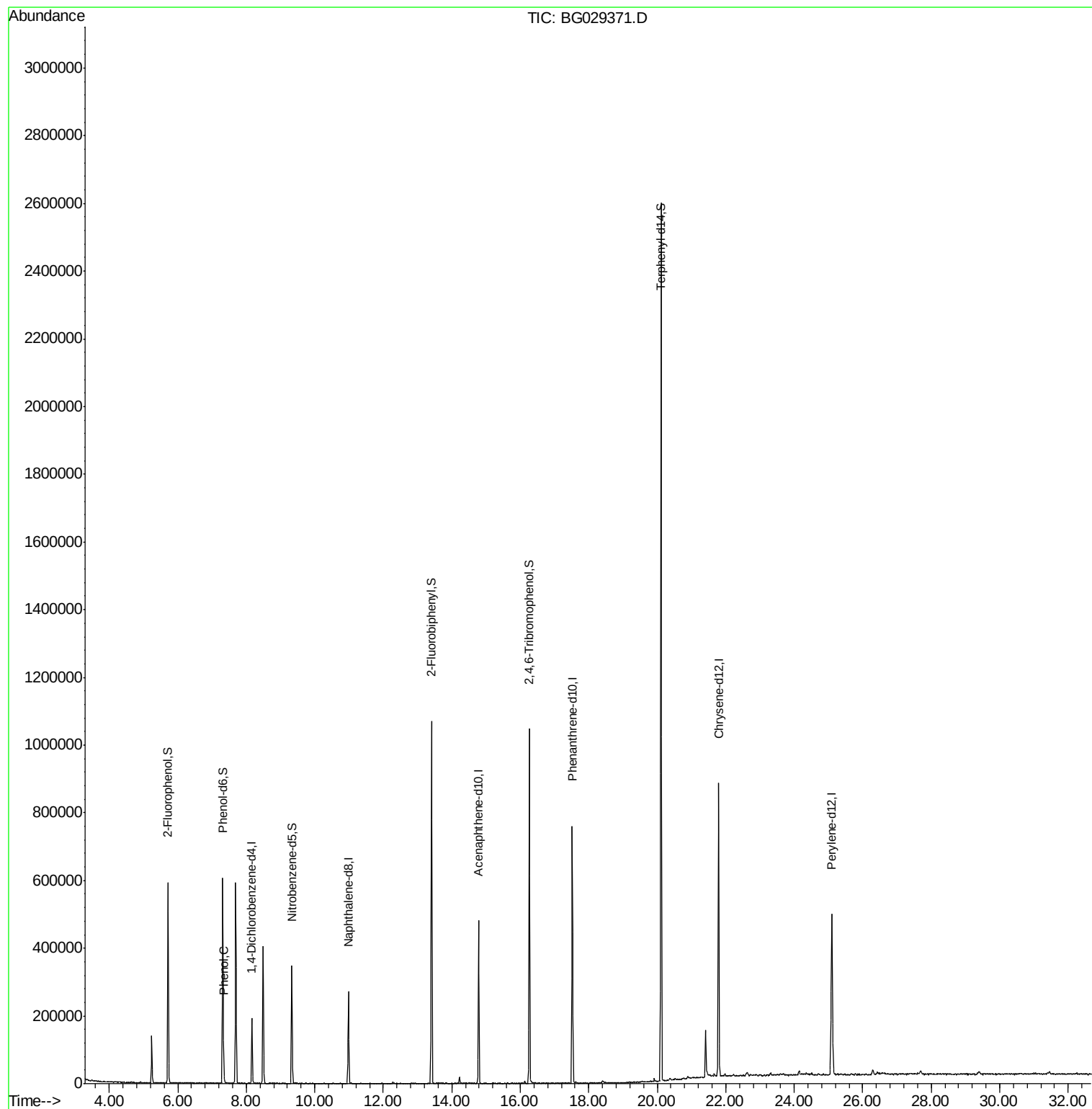
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53695	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	243906	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	168624	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	461616	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	525280	20.00	ng	-0.01
86) Perylene-d12	25.10	264	529523	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	262641	81.71	ng	0.00
7) Phenol-d6	7.31	99	365330	80.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	203871	53.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	207205	95.17	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	586581	51.02	ng	0.00
78) Terphenyl-d14	20.11	244	1172481	50.78	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	16512	3.395	ng	Qvalue 97

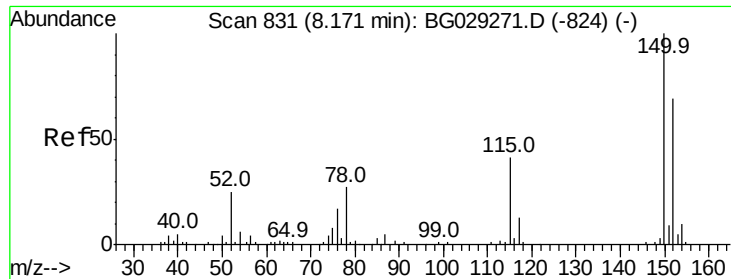
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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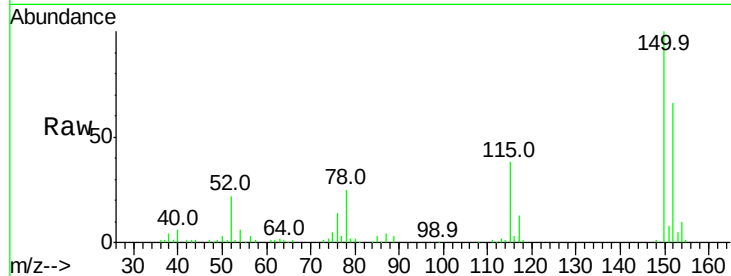


#1

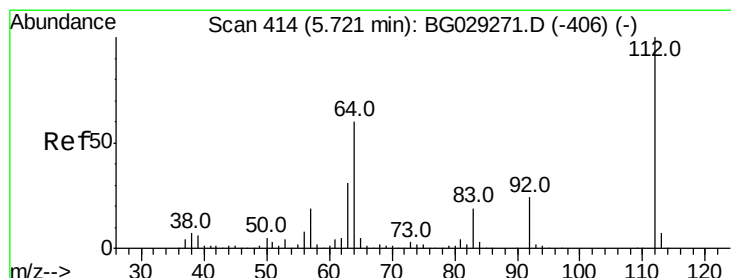
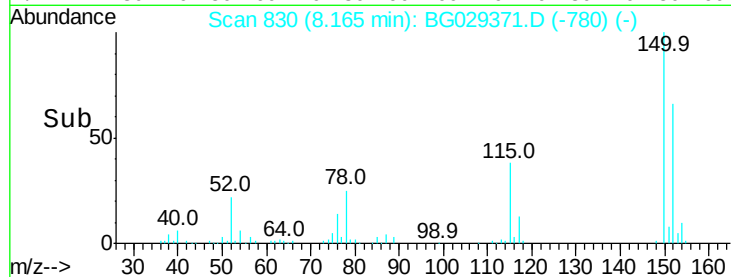
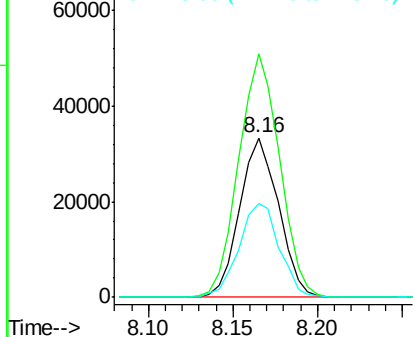
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029371.D
Acq: 20 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53695
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 58.6 53.0 79.4



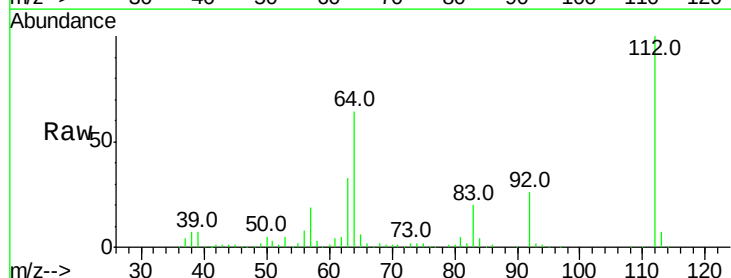
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



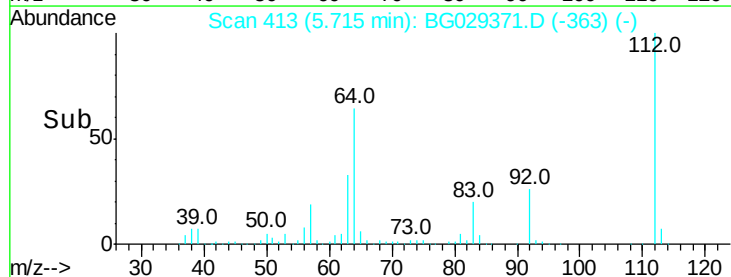
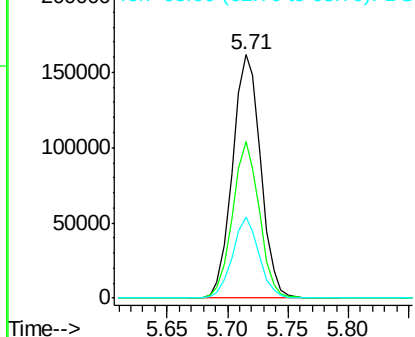
#5

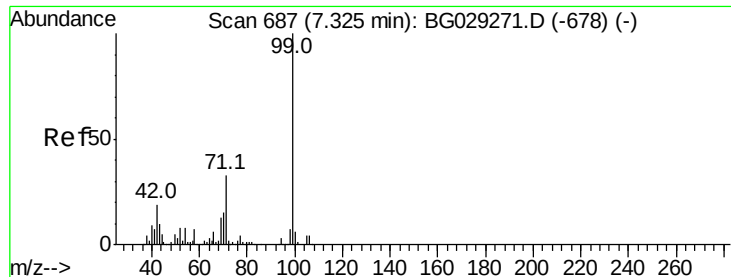
2-Fluorophenol
Concen: 81.713 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG029371.D
Acq: 20 Oct 2017 14:09

Tgt Ion:112 Resp: 262641
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 33.3 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: 80.975 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029371.D

Acq: 20 Oct 2017 14:09

Instrument :

BNA_G

ClientSampled :

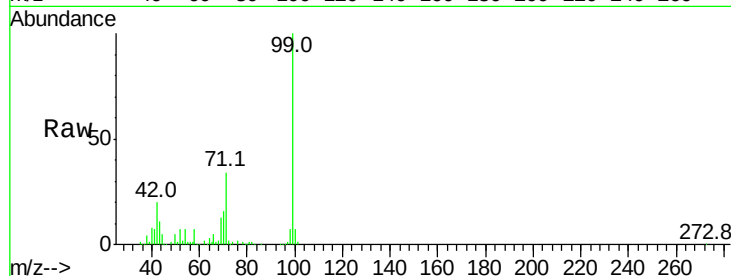
Tot Ion: 99 Resp: 365330

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

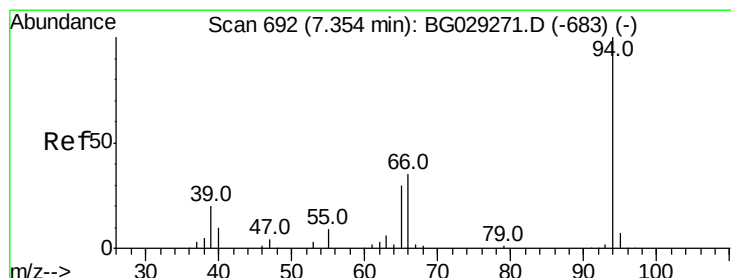
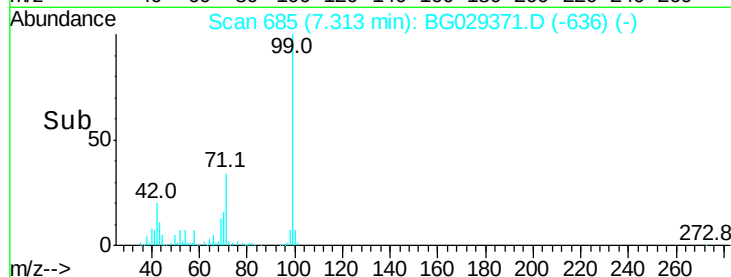
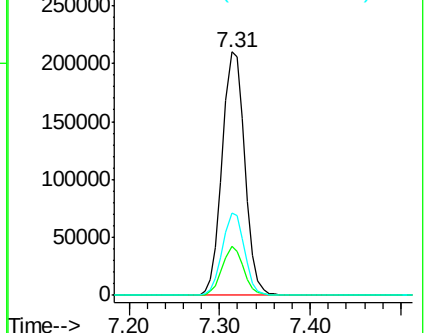
71 34.1 26.1 39.1



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: 3.395 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029371.D

Acq: 20 Oct 2017 14:09

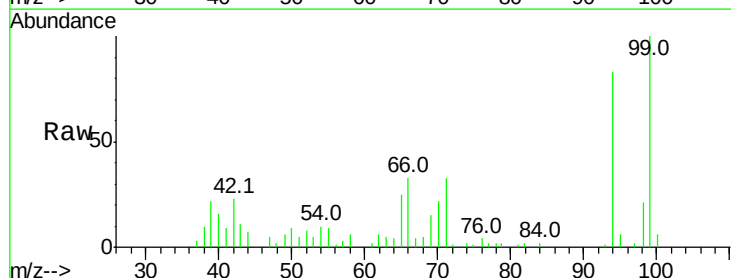
Tgt Ion: 94 Resp: 16512

Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

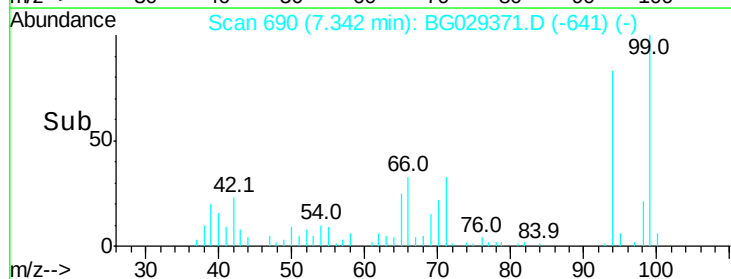
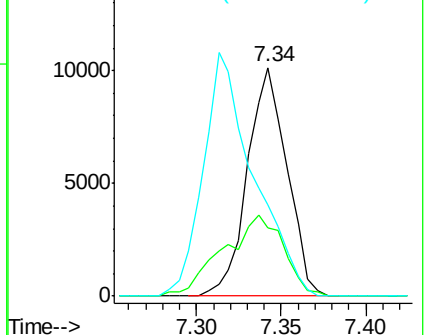
66 40.2 22.2 62.2

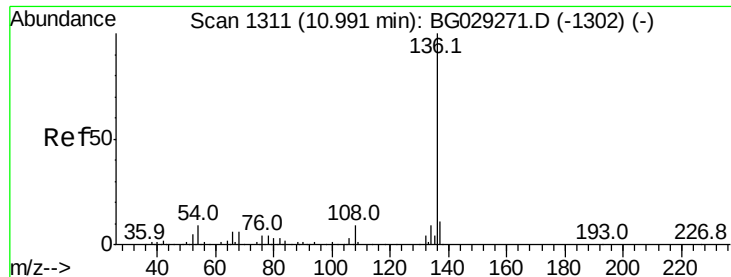


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

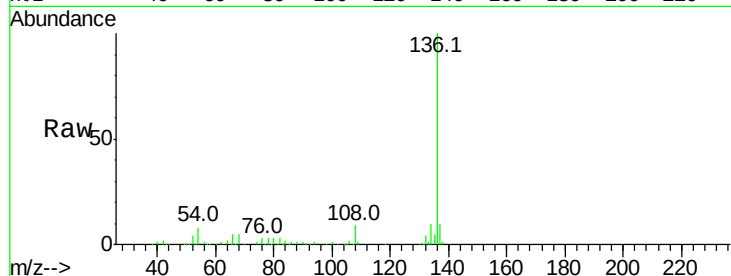




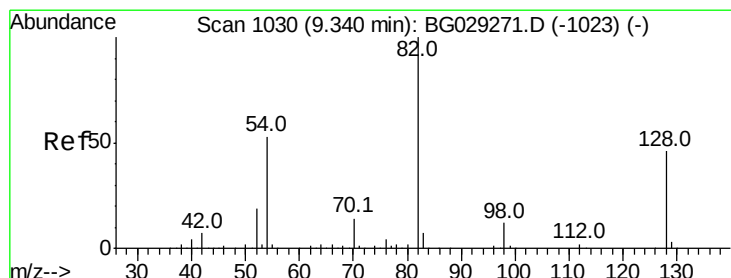
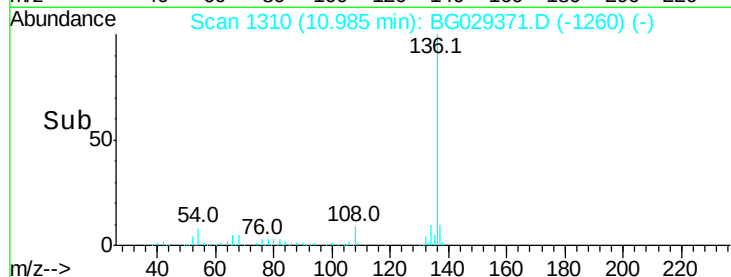
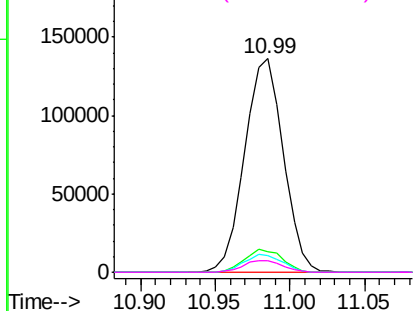
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029371.D
Acq: 20 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	243906
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	7.7	10.3	15.5#
68	5.4	4.5	6.7

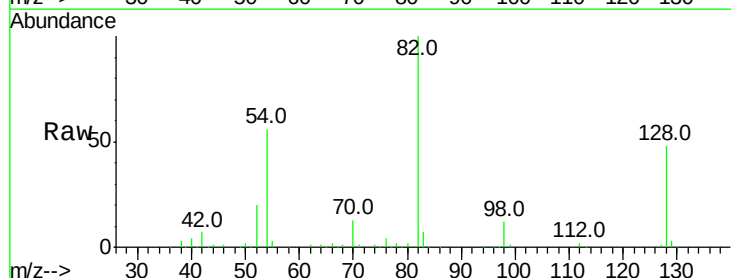


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

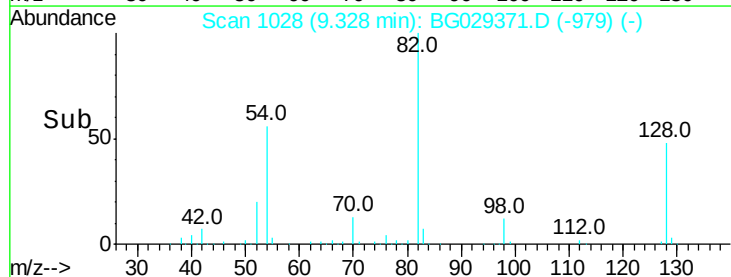
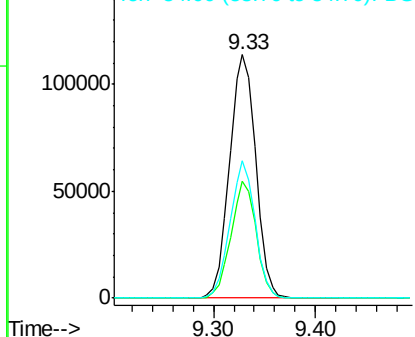


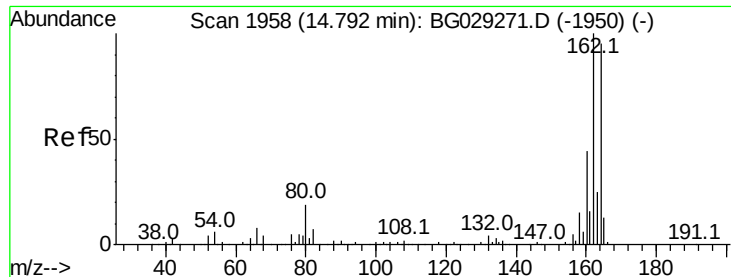
#23
Nitrobenzene-d5
Concen: 53.117 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029371.D
Acq: 20 Oct 2017 14:09

Tgt Ion:	82	Resp:	203871
Ion	Ratio	Lower	Upper
82	100		
128	47.8	29.7	44.5#
54	56.3	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: BG029371.D

Acq: 20 Oct 2017 14:09

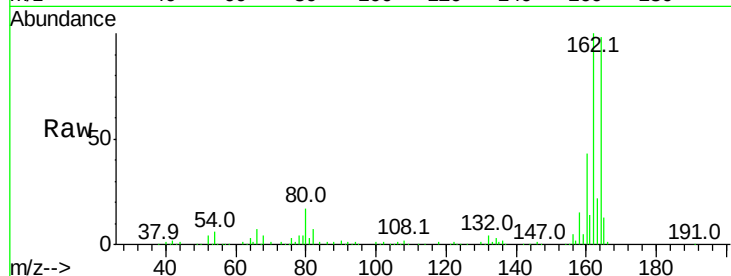
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 168624

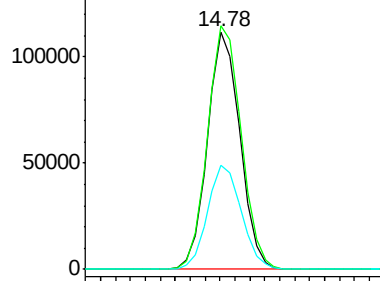
Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	44.0	35.4	53.0



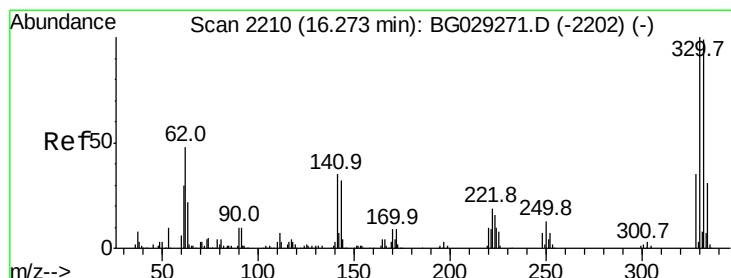
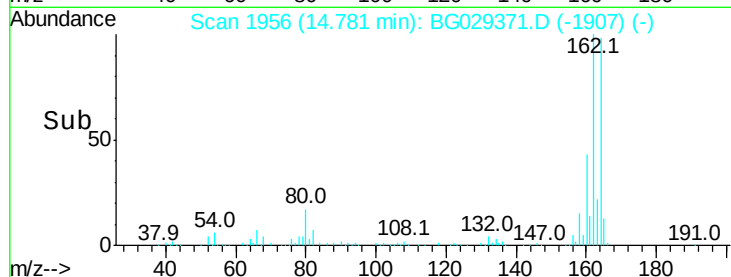
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 95.174 ng

RT: 16.27 min Scan# 2209

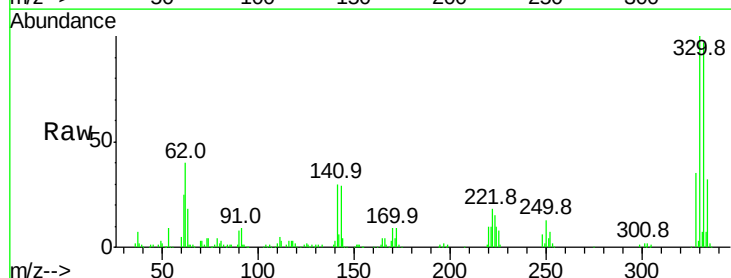
Delta R.T. -0.01 min

Lab File: BG029371.D

Acq: 20 Oct 2017 14:09

Tgt Ion:330 Resp: 207205

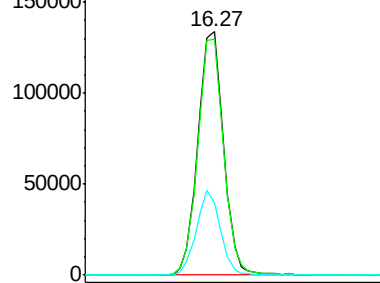
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.5	25.2	37.8



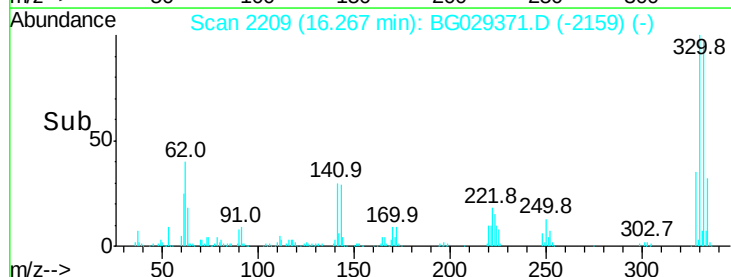
Abundance Ion 329.80 (329.50 to 330.50): E

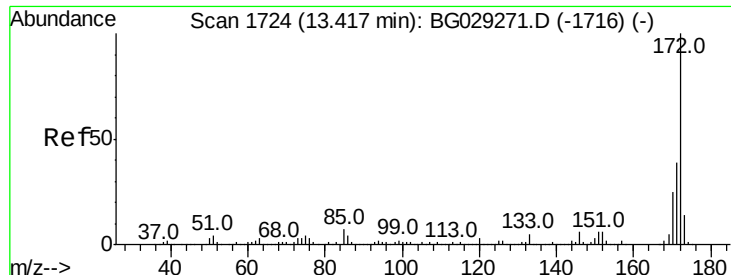
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

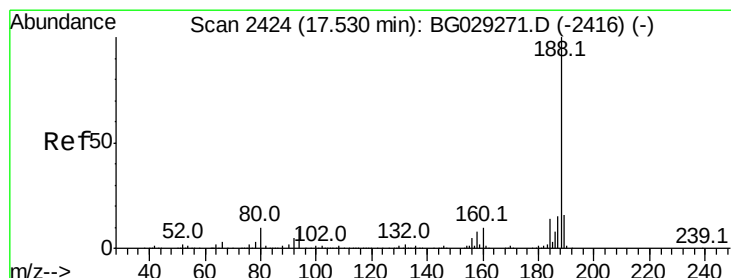
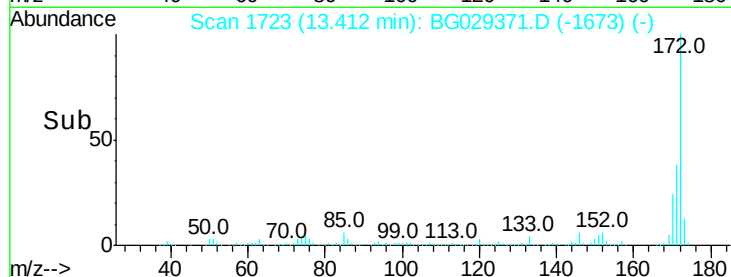
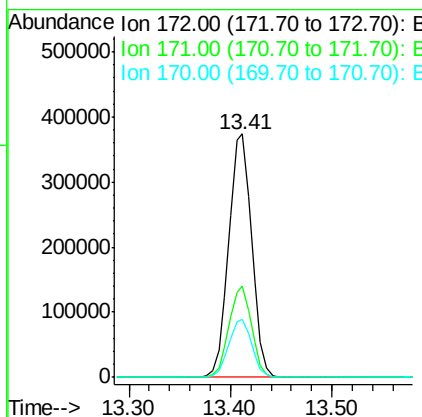
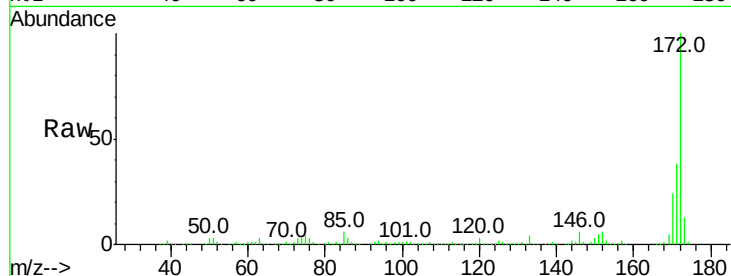




#44
 2-Fluorobiphenyl
 Concen: 51.020 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029371.D
 Acq: 20 Oct 2017 14:09

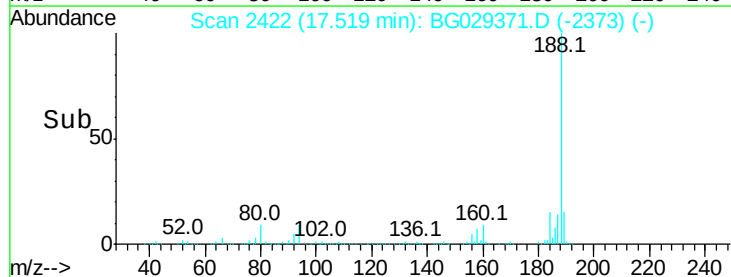
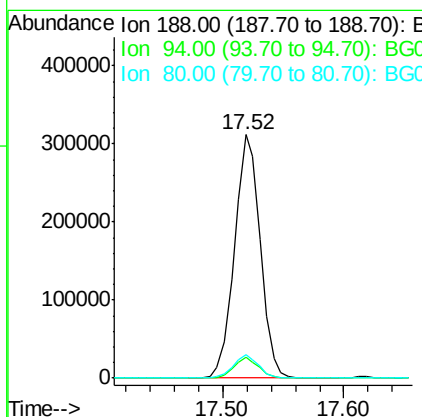
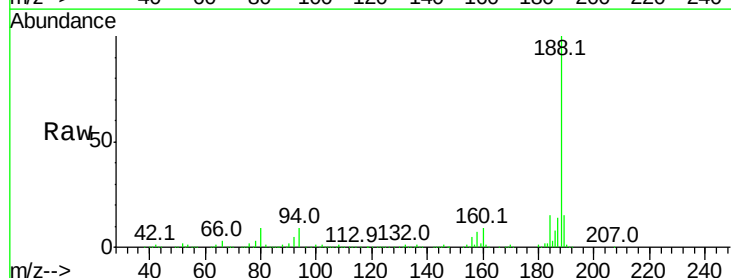
Instrument :
 BNA_G
 ClientSampled :

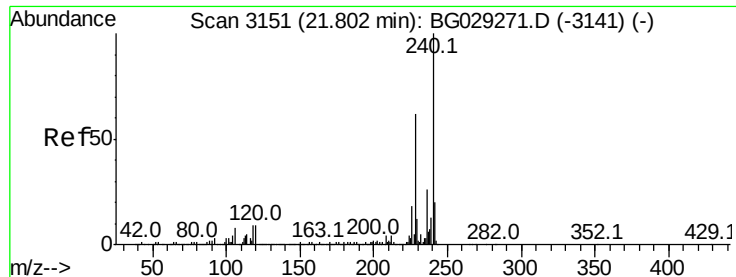
Tot Ion:172 Resp: 586581
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029371.D
 Acq: 20 Oct 2017 14:09

Tgt Ion:188 Resp: 461616
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.9 10.3
 80 9.4 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: BG029371.D

Acq: 20 Oct 2017 14:09

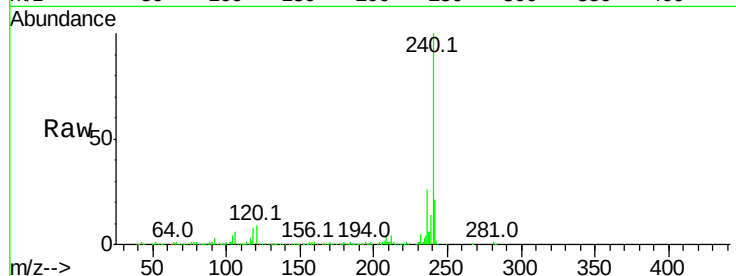
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 525280

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.8	10.2
236	26.4	20.9	31.3

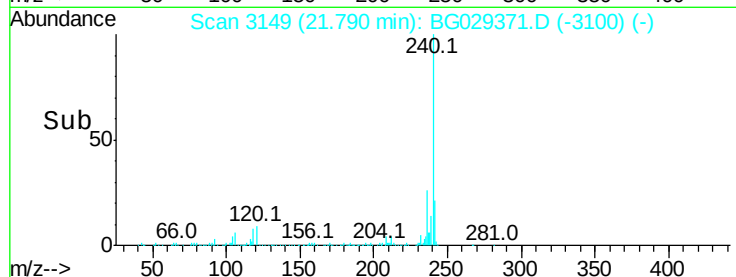


Abundance Ion 240.00 (239.70 to 240.70): E

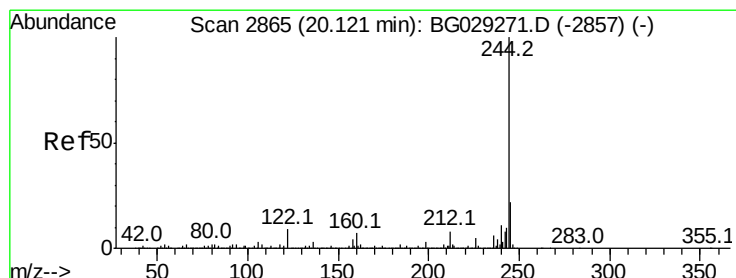
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.79



Time-->



#78

Terphenyl-d14

Concen: 50.779 ng

RT: 20.11 min Scan# 2863

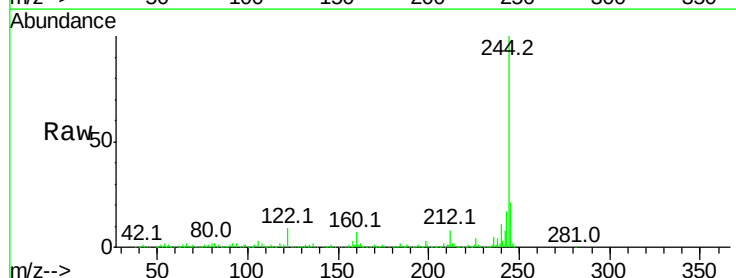
Delta R.T. -0.01 min

Lab File: BG029371.D

Acq: 20 Oct 2017 14:09

Tgt Ion:244 Resp: 1172481

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.8	7.0	10.4

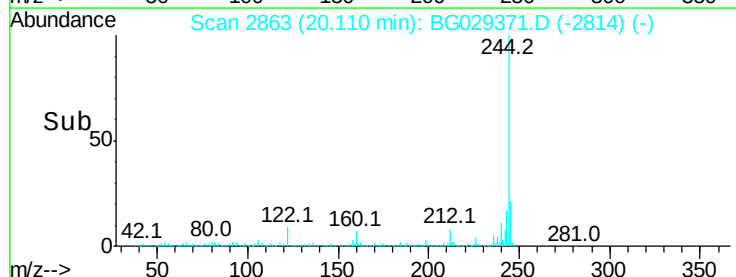


Abundance Ion 244.00 (243.70 to 244.70): E

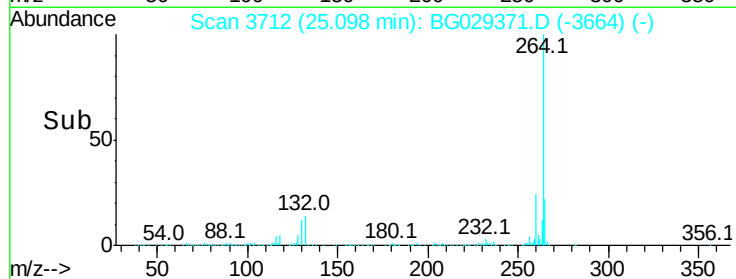
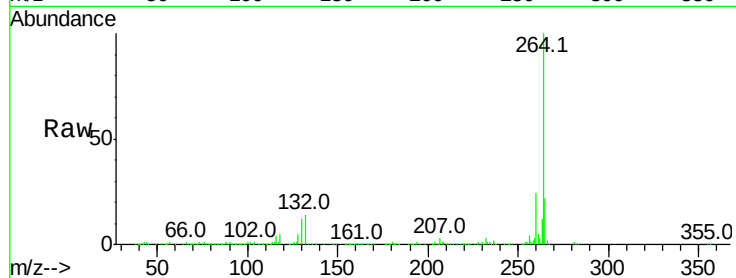
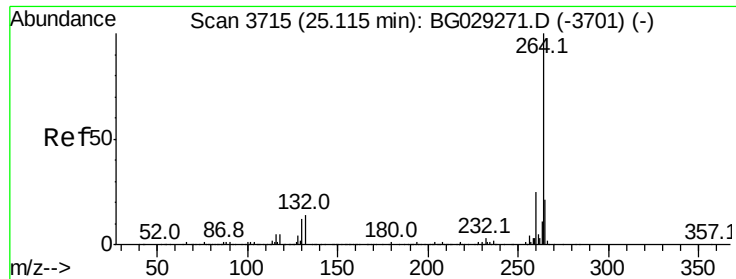
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.11



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029371.D
Acq: 20 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.8	17.7	26.5

