

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030551.D
 Acq On : 29 Oct 2017 7:21
 Operator : SJ/JU
 Sample : I6092-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:56:12 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

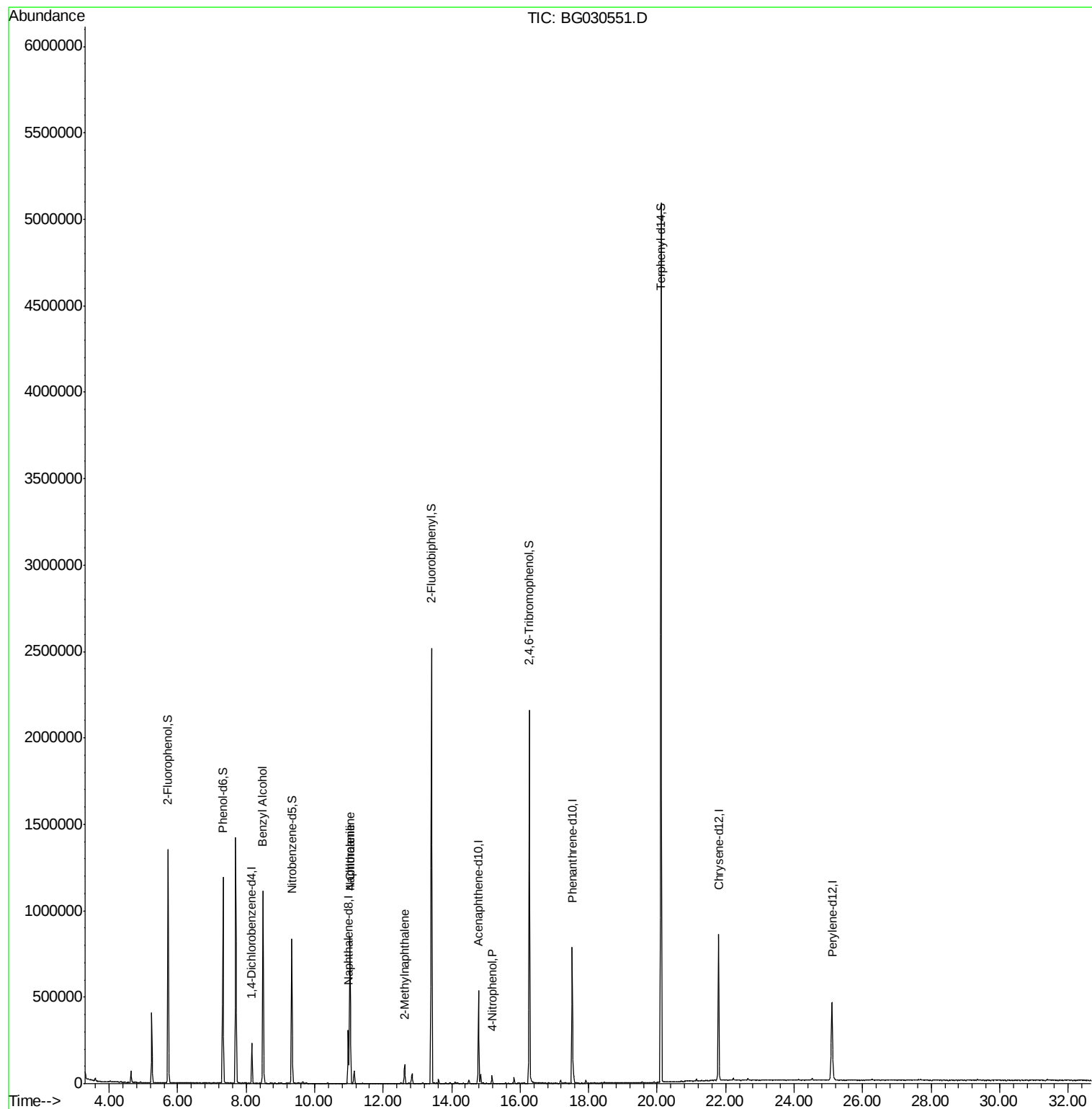
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67045	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	283039	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	184929	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	485672	20.00	ng	0.00
75) Chrysene-d12	21.79	240	538347	20.00	ng	0.00
86) Perylene-d12	25.11	264	524182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	618084	154.01	ng	0.00
7) Phenol-d6	7.32	99	721142	128.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	513540	115.30	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	449232	188.15	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1340992	106.35	ng	0.00
78) Terphenyl-d14	20.11	244	2278638	96.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	8622	2.172	ng	Qvalue # 40
31) Naphthalene	11.03	128	747445	52.987	ng	99
33) 4-Chloroaniline	11.03	127	103796	17.493	ng	# 34
37) 2-Methylnaphthalene	12.63	142	52364	5.093	ng	92
55) 4-Nitrophenol	15.18	139	11248	4.180	ng	# 1

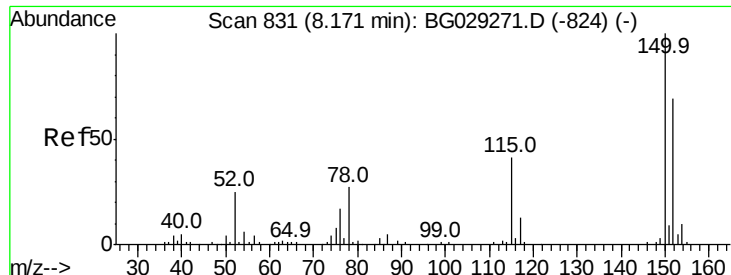
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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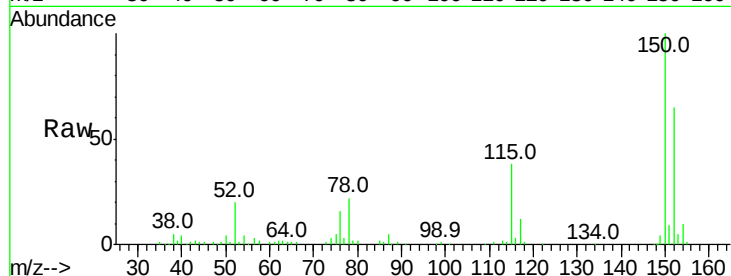


#1

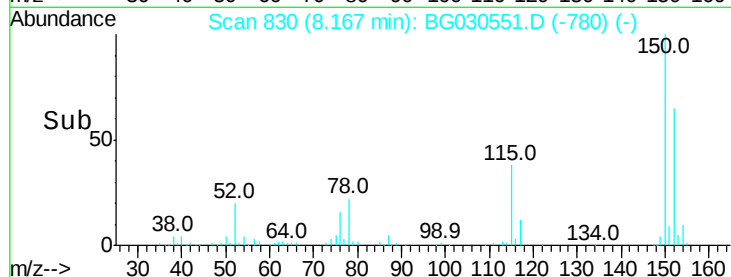
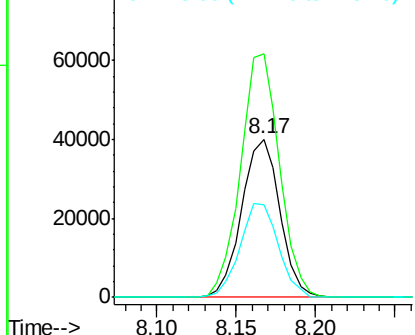
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67045
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 58.6 53.0 79.4



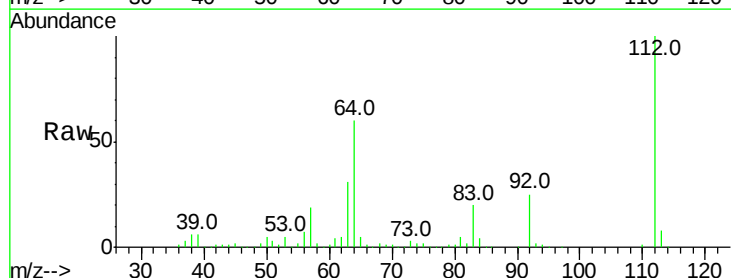
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



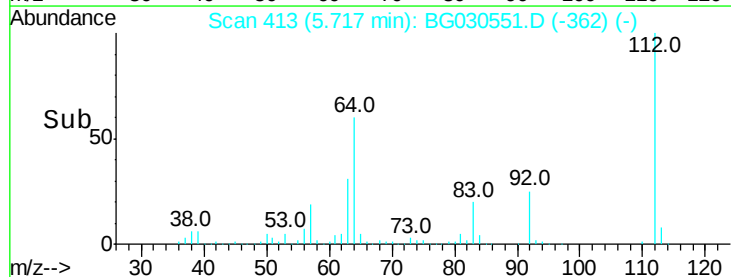
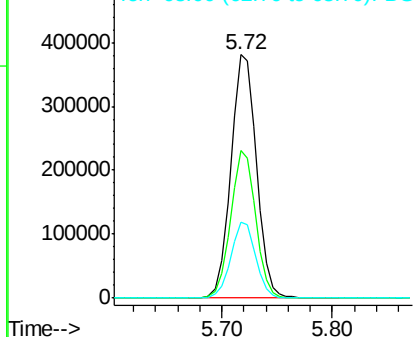
#5

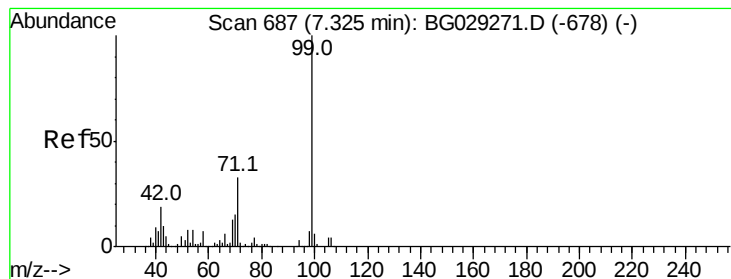
2-Fluorophenol
Concen: 154.007 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Tgt Ion:112 Resp: 618084
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 31.0 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: 128.013 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Instrument :

BNA_G

ClientSampleId :

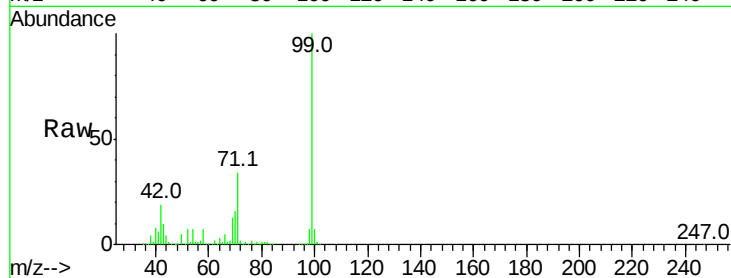
Tot Ion: 99 Resp: 721142

Ion Ratio Lower Upper

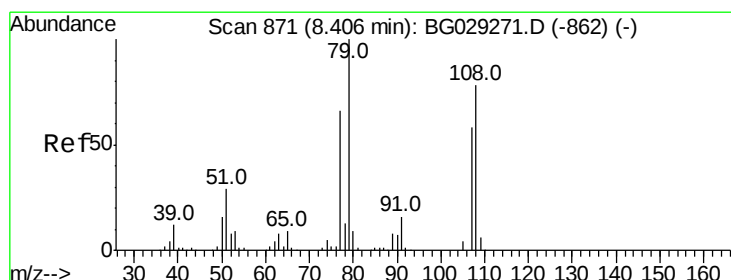
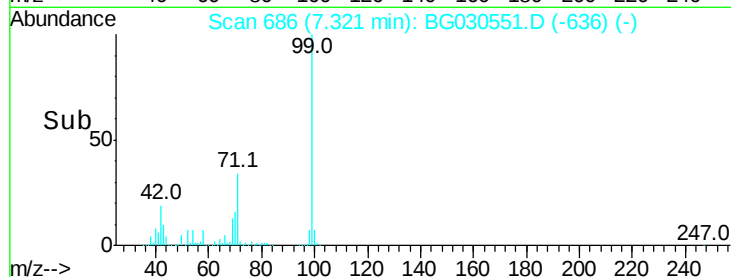
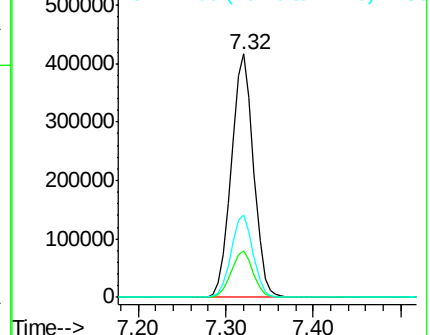
99 100

42 18.9 14.1 21.1

71 33.8 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: 2.172 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.08 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

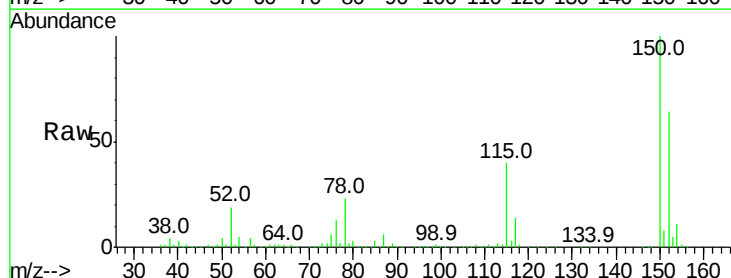
Tgt Ion: 79 Resp: 8622

Ion Ratio Lower Upper

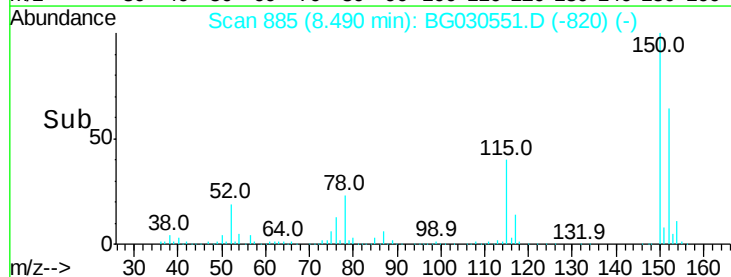
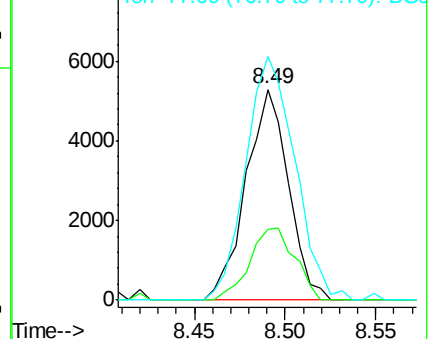
79 100

108 33.9 57.2 85.8#

77 115.6 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

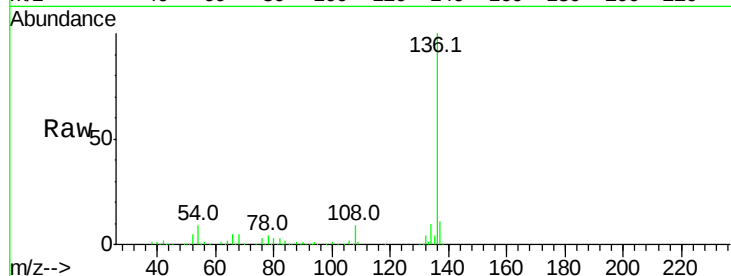




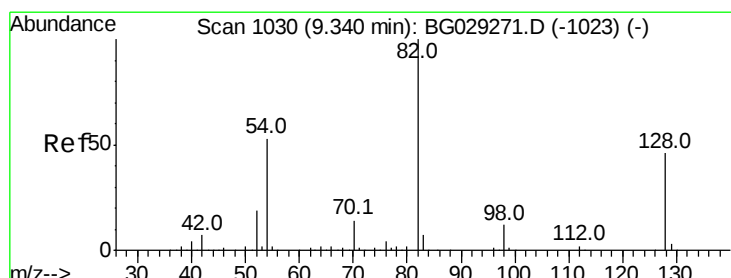
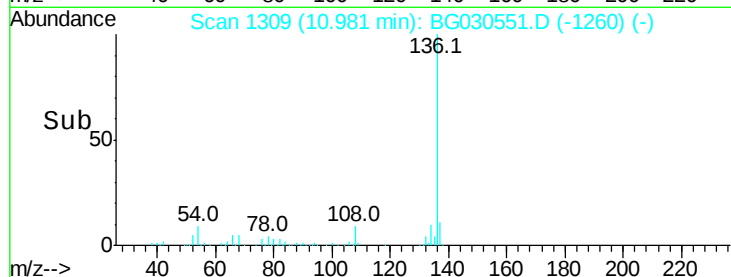
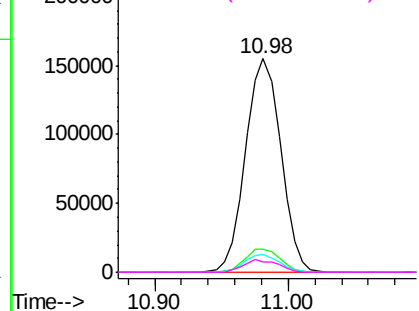
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	283039
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.6	10.3 15.5#
68	5.0	4.5 6.7

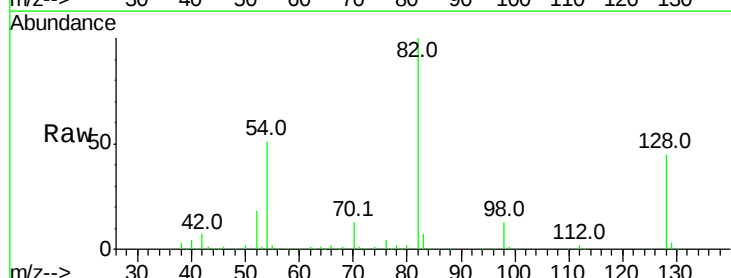


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

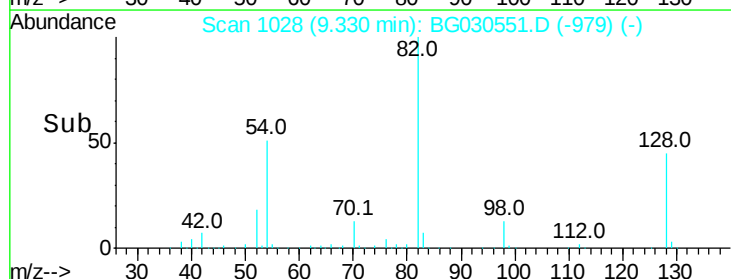
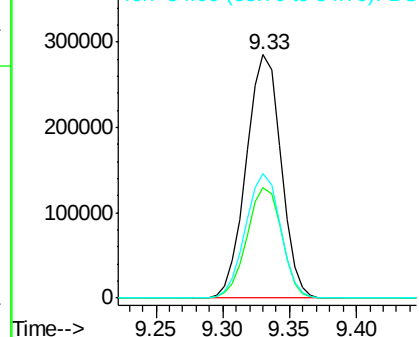


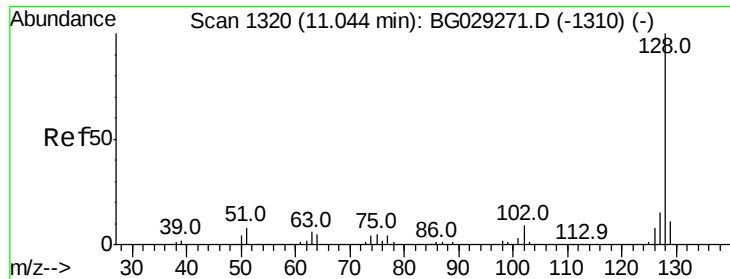
#23
Nitrobenzene-d5
Concen: 115.299 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Tgt Ion: 82	Resp:	513540
Ion Ratio	Lower	Upper
82	100	
128	45.2	29.7 44.5#
54	51.4	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

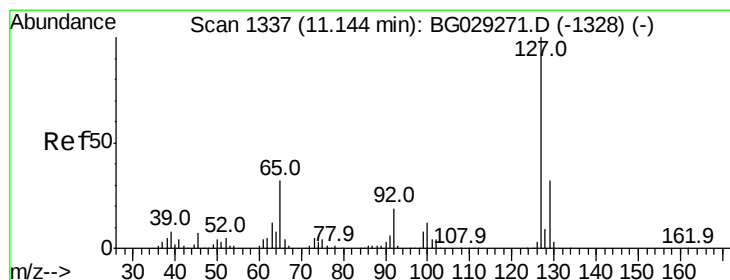
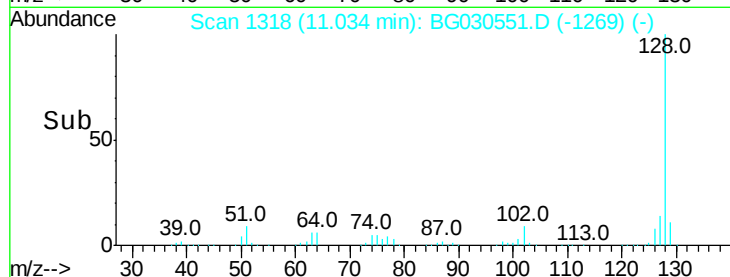
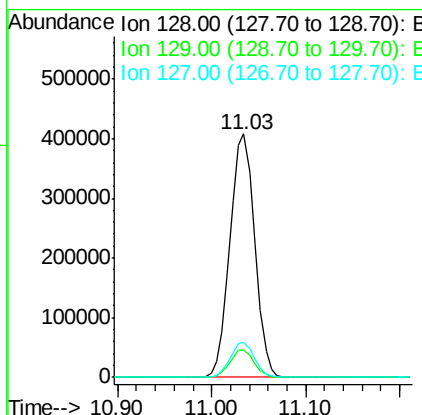
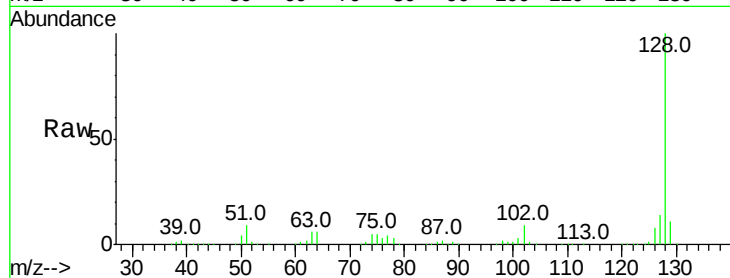




#31
Naphthalene
Concen: 52.987 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

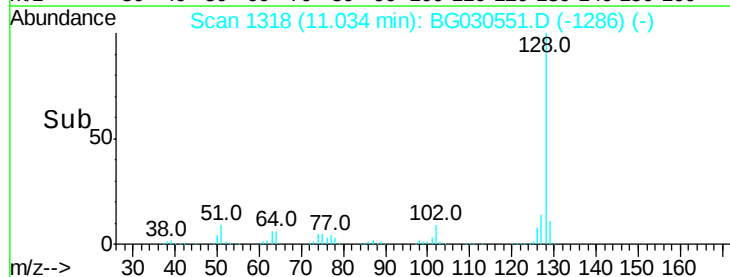
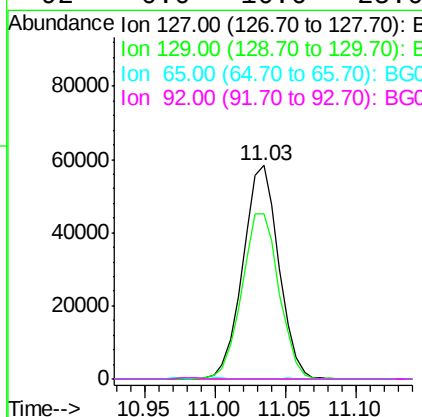
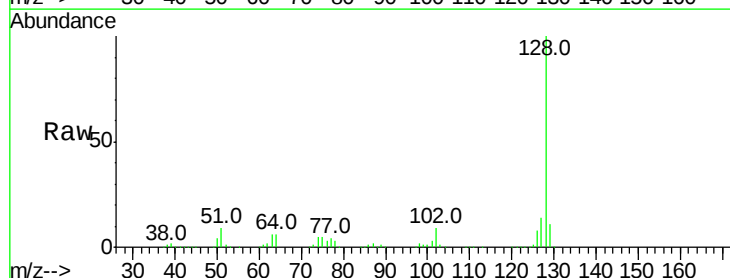
Instrument :
BNA_G
ClientSampleId :

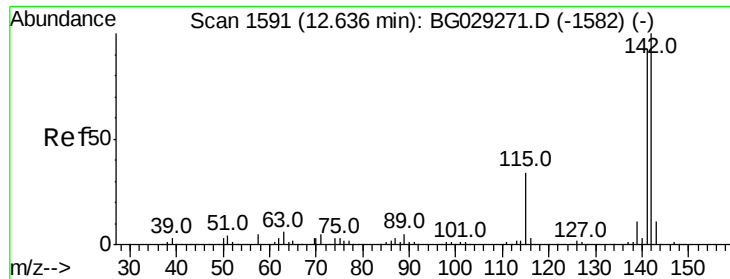
Tot Ion:128 Resp: 747445
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.3 11.6 17.4



#33
4-Chloroaniline
Concen: 17.493 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.11 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Tgt Ion:127 Resp: 103796
Ion Ratio Lower Upper
127 100
129 77.5 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

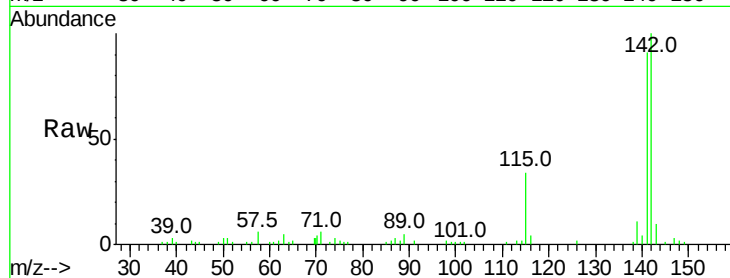




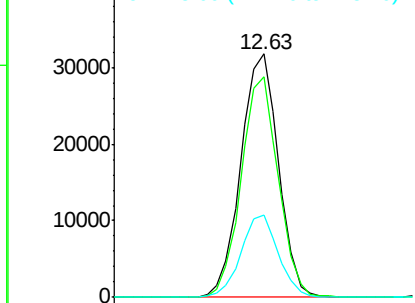
#37
2-Methylnaphthalene
Concen: 5.093 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :

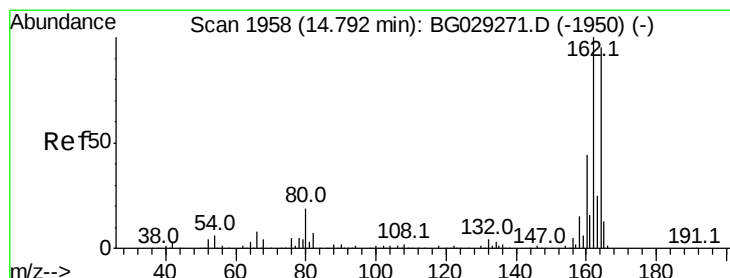
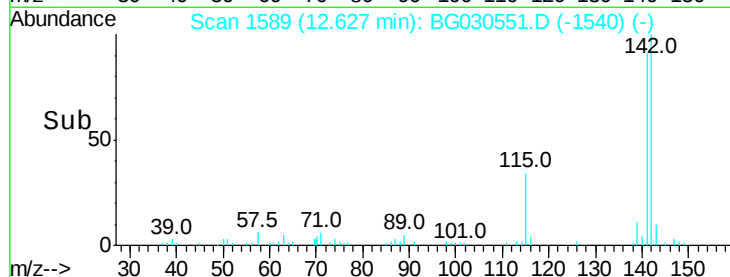
Tot Ion:142 Resp: 52364
Ion Ratio Lower Upper
142 100
141 90.8 67.1 100.7
115 33.6 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

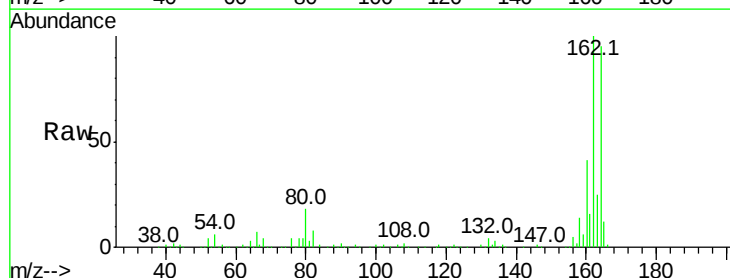


Time-->

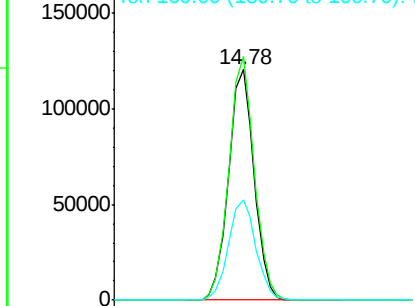


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

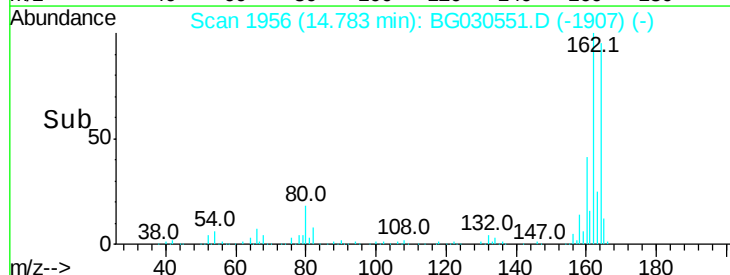
Tgt Ion:164 Resp: 184929
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 43.4 35.4 53.0

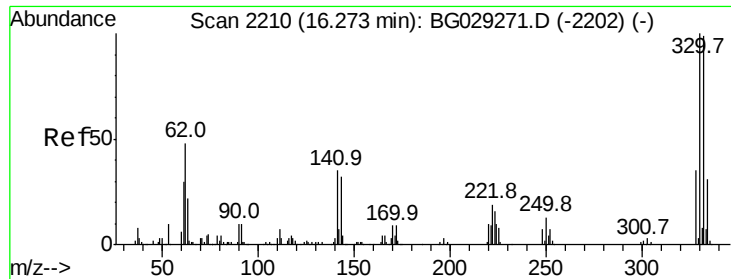


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 188.150 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Instrument :

BNA_G

ClientSampleId :

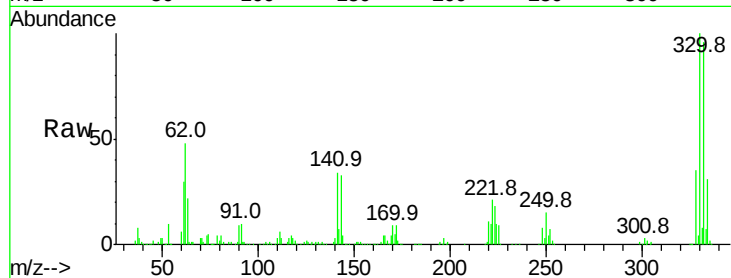
Tot Ion:330 Resp: 449232

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

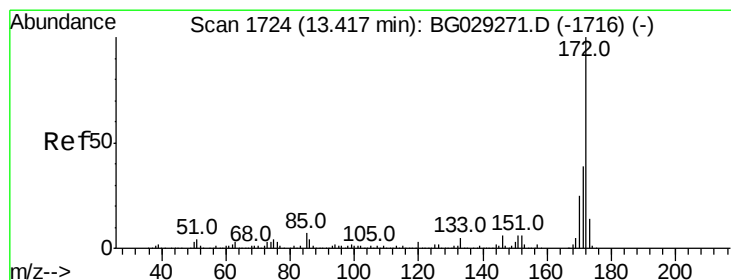
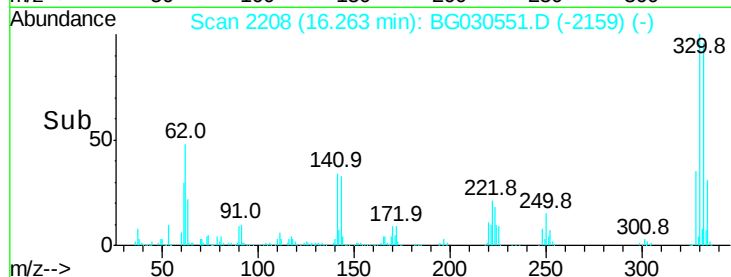
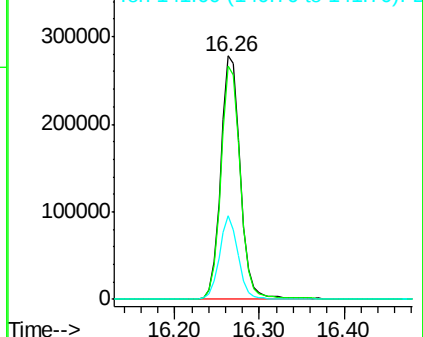
141 33.0 25.2 37.8



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: 106.353 ng

RT: 13.41 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

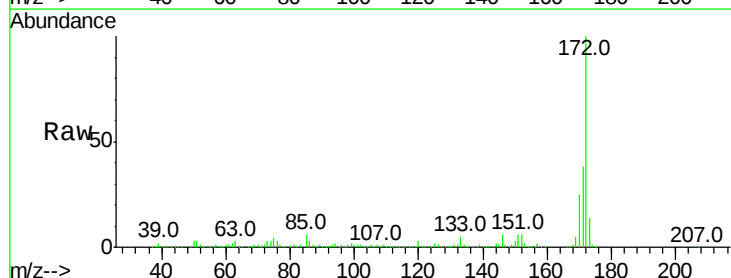
Tgt Ion:172 Resp: 1340992

Ion Ratio Lower Upper

172 100

171 38.1 30.0 45.0

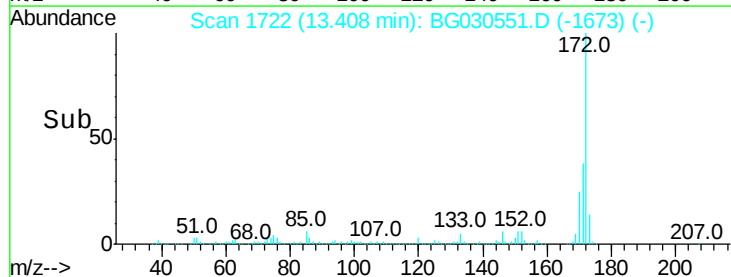
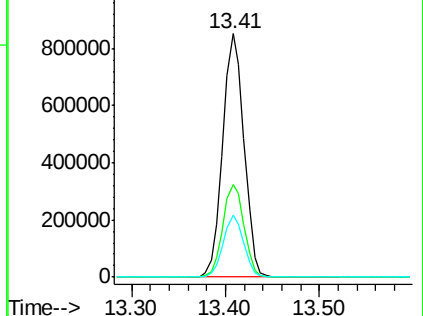
170 25.2 19.5 29.3

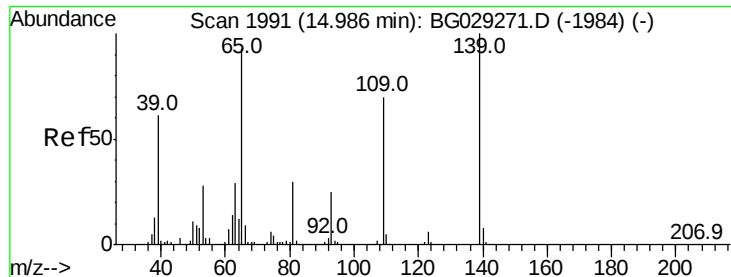


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

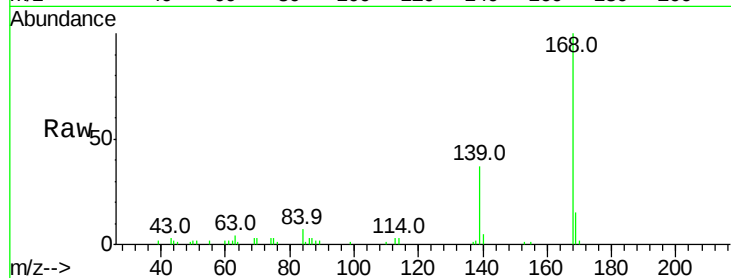




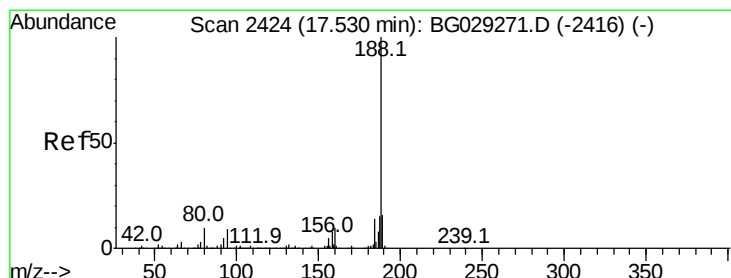
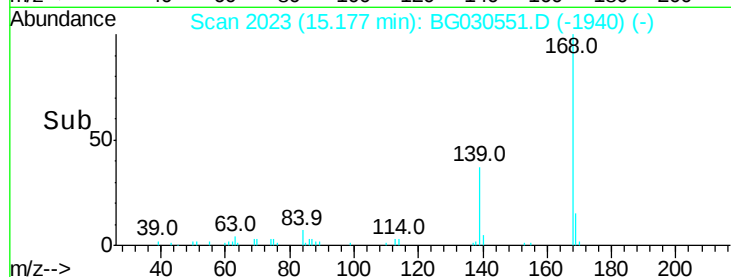
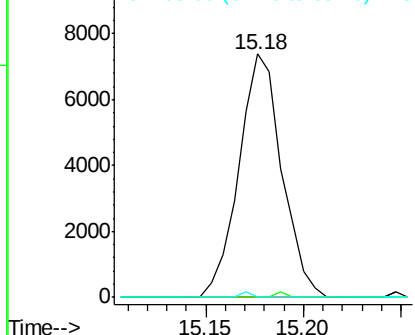
#55
4-Nitrophenol
Concen: 4.180 ng
RT: 15.18 min Scan# 2023
Delta R.T. 0.19 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 11248
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

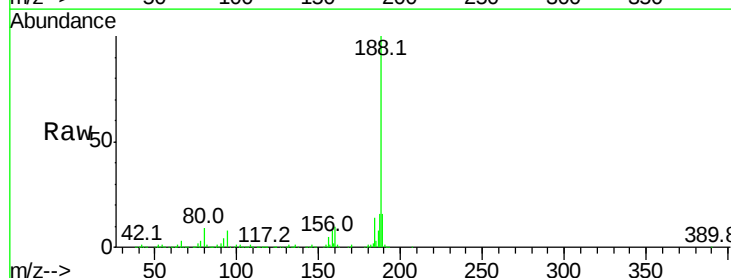


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

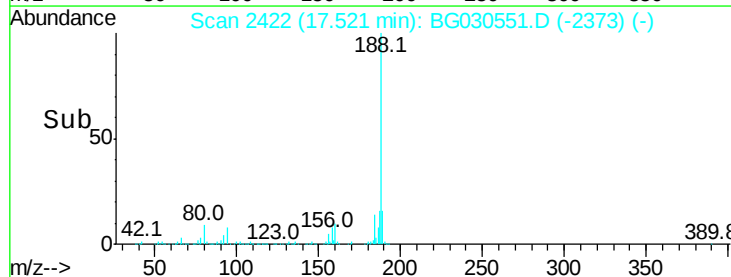
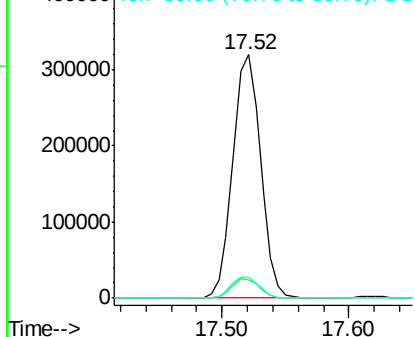


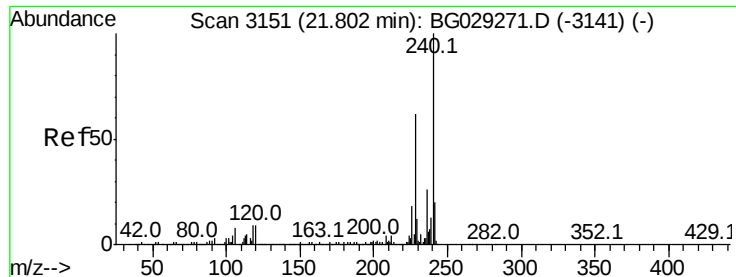
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Tgt Ion:188 Resp: 485672
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

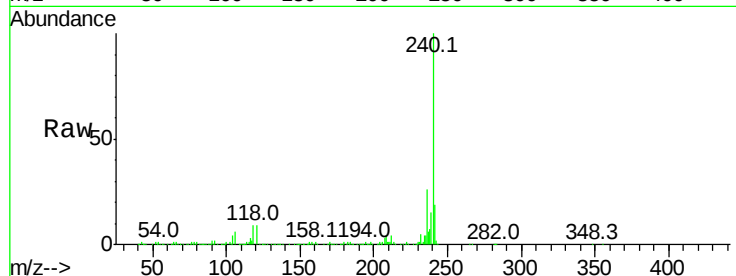
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 538347

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.5	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

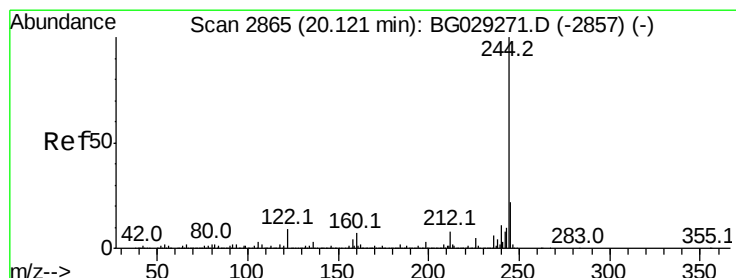
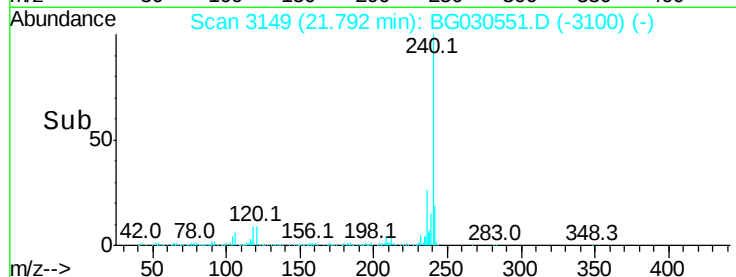
300000

200000

100000

0

Time--> 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 96.290 ng

RT: 20.11 min Scan# 2863

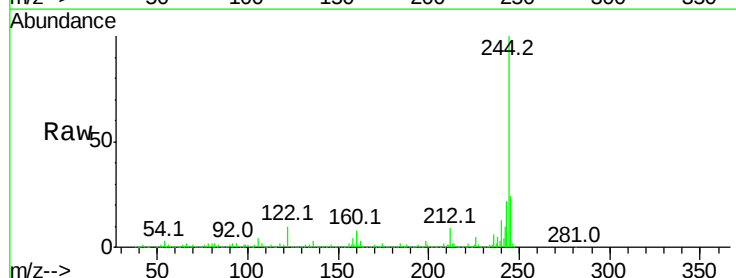
Delta R.T. -0.01 min

Lab File: BG030551.D

Acq: 29 Oct 2017 7:21

Tgt Ion:244 Resp: 2278638

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.4	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

2000000

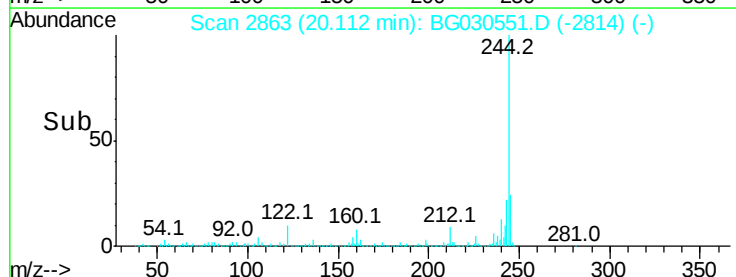
1500000

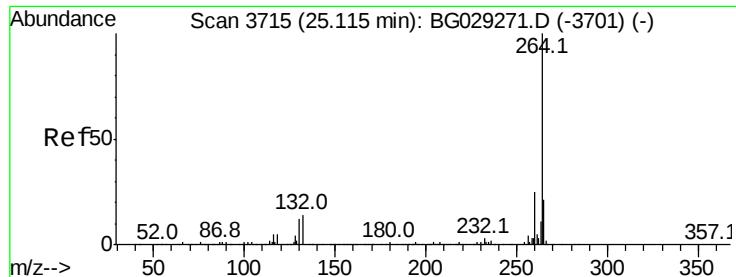
1000000

500000

0

Time--> 20.00 20.10 20.20





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG030551.D
Acq: 29 Oct 2017 7:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	20.8	17.7	26.5

