

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031029.D
 Acq On : 16 Nov 2017 1:55
 Operator : SJ/JU
 Sample : I6479-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:46:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

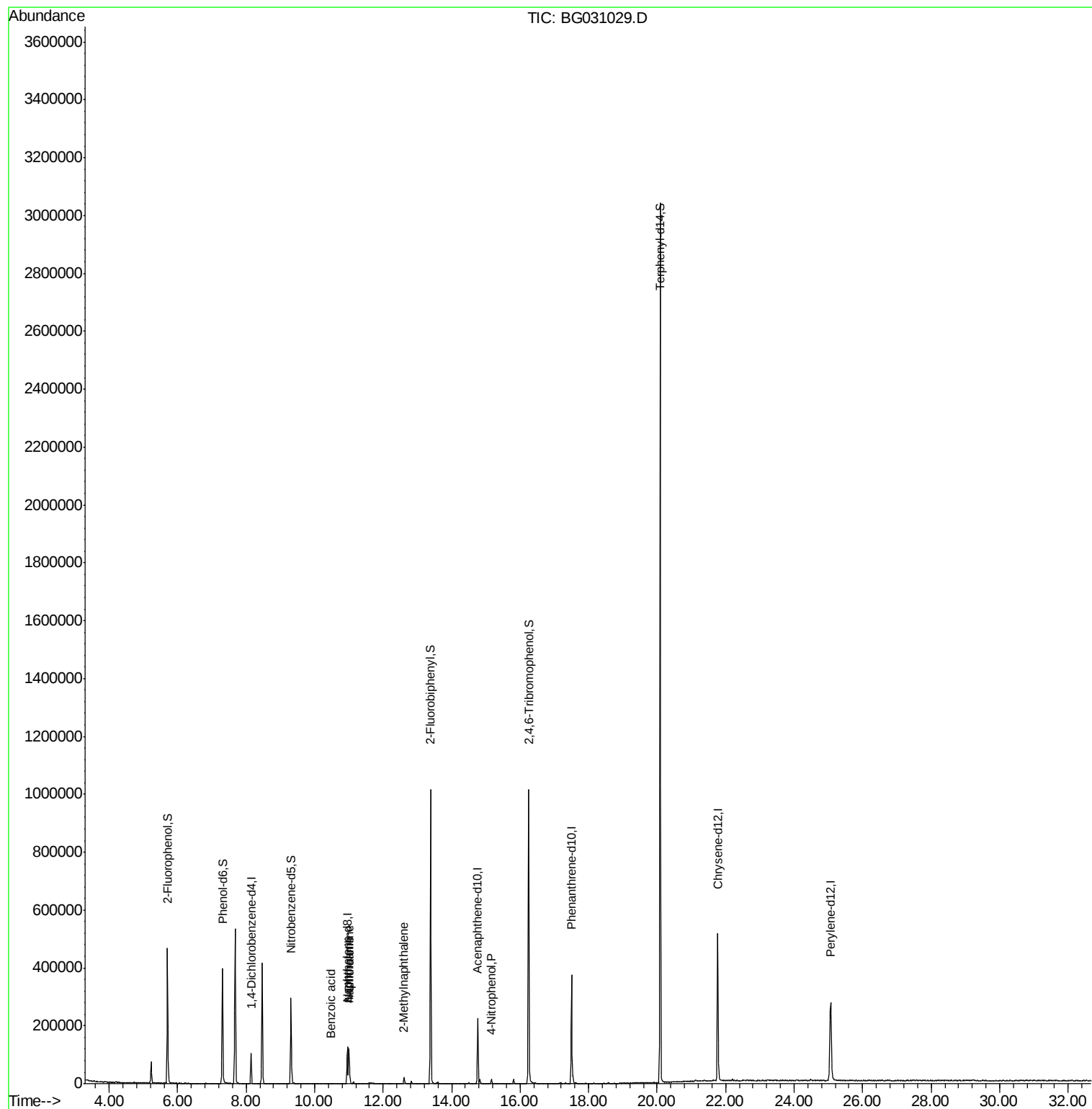
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32754	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	125852	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	88634	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	263511	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	390222	20.00	ng	-0.02
86) Perylene-d12	25.06	264	380255	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	222724	116.60	ng	0.00
7) Phenol-d6	7.31	99	246493	95.79	ng	0.00
23) Nitrobenzene-d5	9.31	82	189059	89.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	251124	175.14	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	609946	98.88	ng	-0.02
78) Terphenyl-d14	20.09	244	1508916	85.38	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.01	128	115527	18.67	ng	99
32) Benzoic acid	10.46	122	114	5.73	ng	# 1
33) 4-Chloroaniline	11.01	127	15725	5.81	ng	# 34
37) 2-Methylnaphthalene	12.61	142	13289	2.78	ng	95
55) 4-Nitrophenol	15.16	139	4598	3.85	ng	# 1

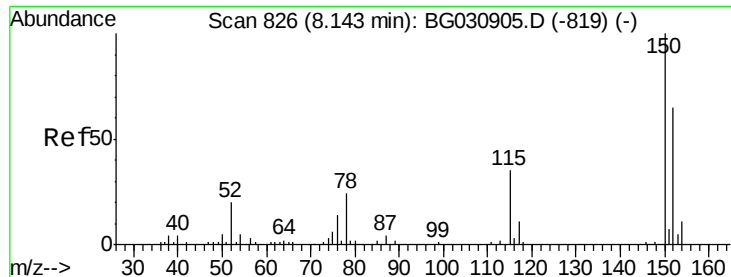
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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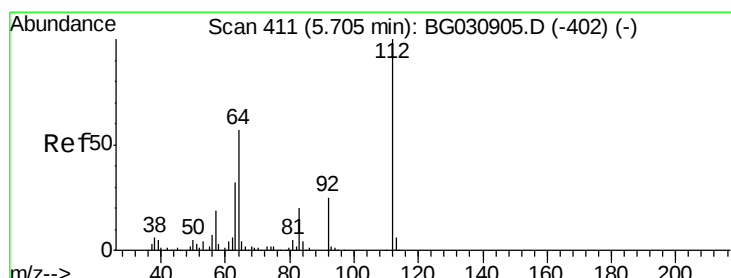
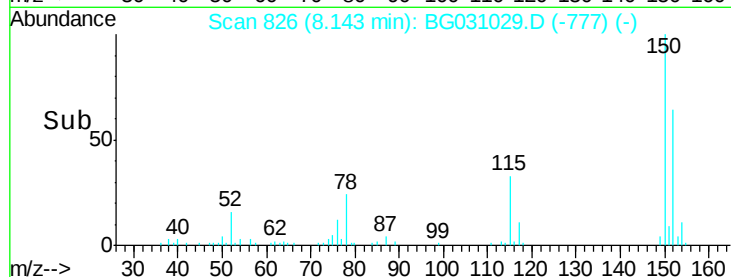
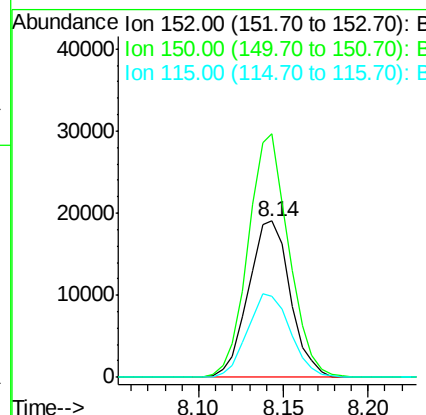
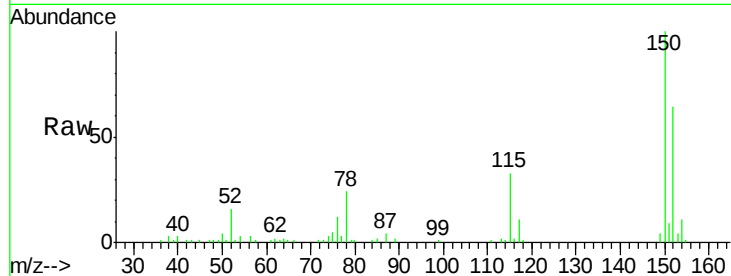


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

Instrument :
BNA_G
ClientSampleId :

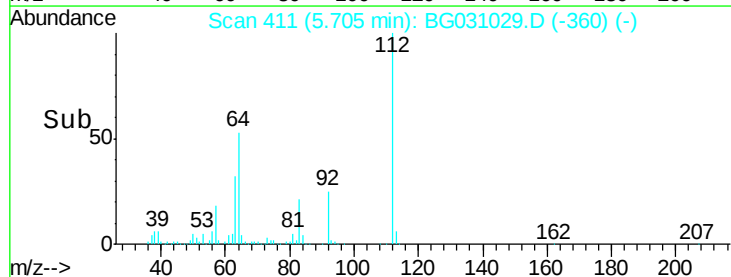
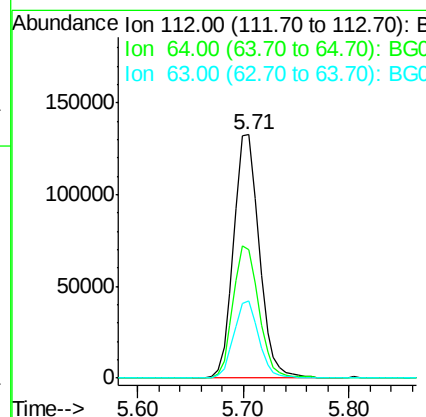
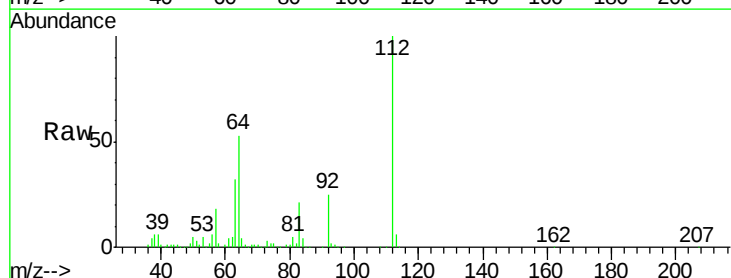
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	52.1	53.0	79.4

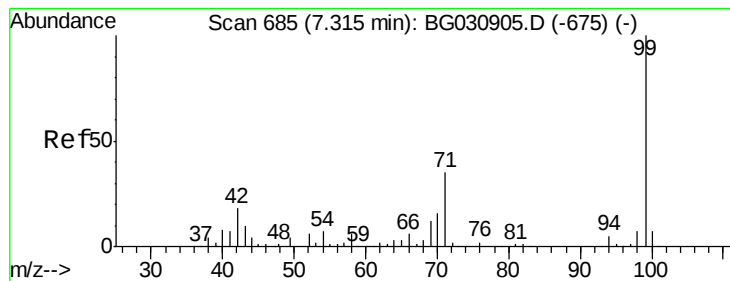


#5

2-Fluorophenol
Concen: 116.60 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	56.3	84.5
63	31.8	30.1	45.1





#7

Phenol-d6

Concen: 95.79 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Instrument :

BNA_G

ClientSampleId :

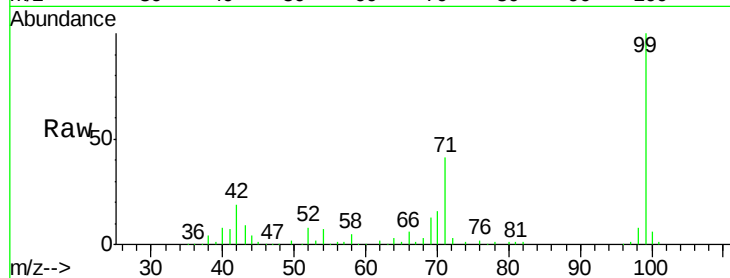
Tot Ion: 99 Resp: 246493

Ion Ratio Lower Upper

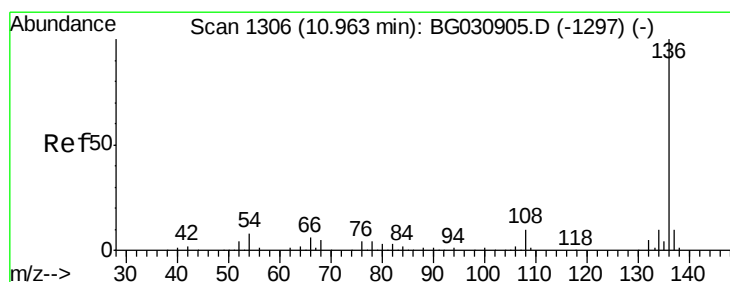
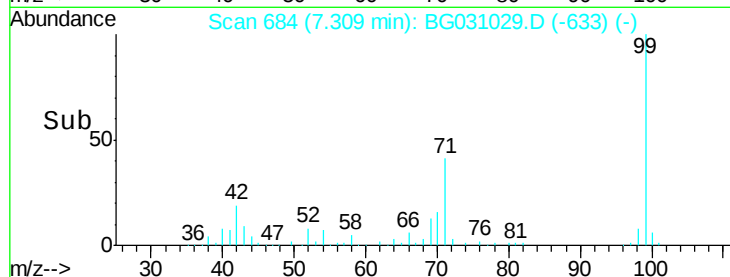
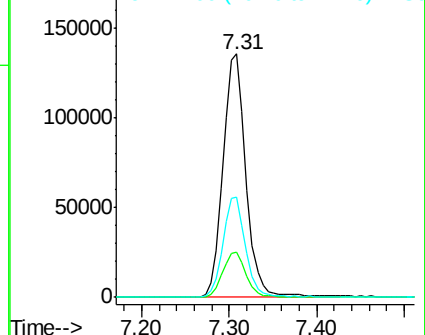
99 100

42 18.8 14.1 21.1

71 41.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Tgt Ion: 136 Resp: 125852

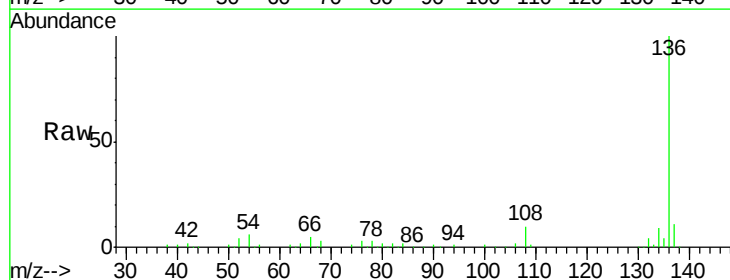
Ion Ratio Lower Upper

136 100

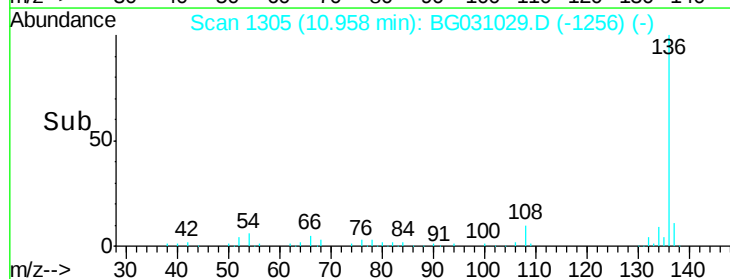
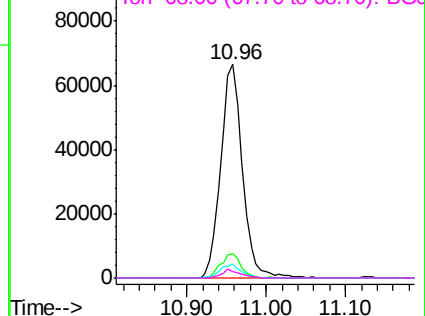
137 11.4 9.2 13.8

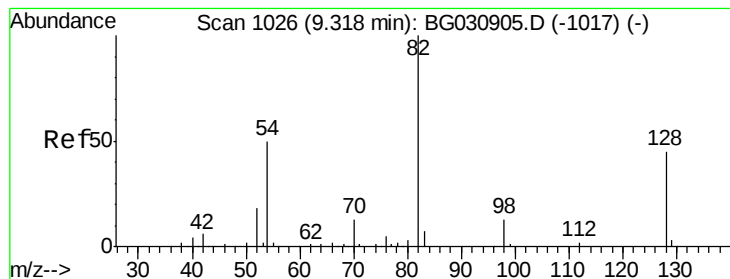
54 6.4 10.3 15.5#

68 2.9 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: 89.02 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Instrument :

BNA_G

ClientSampled :

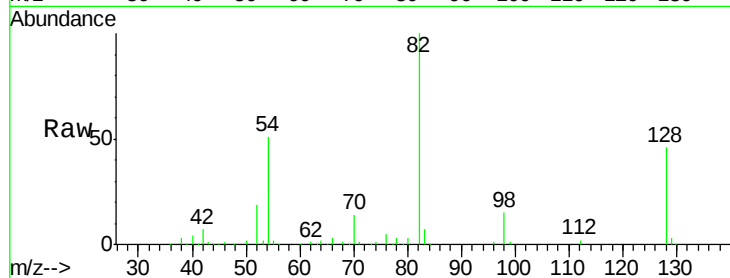
Tot Ion: 82 Resp: 189059

Ion Ratio Lower Upper

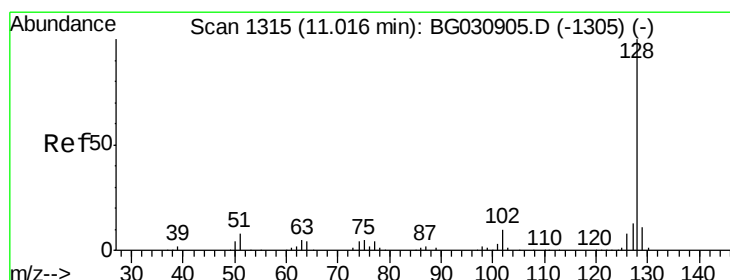
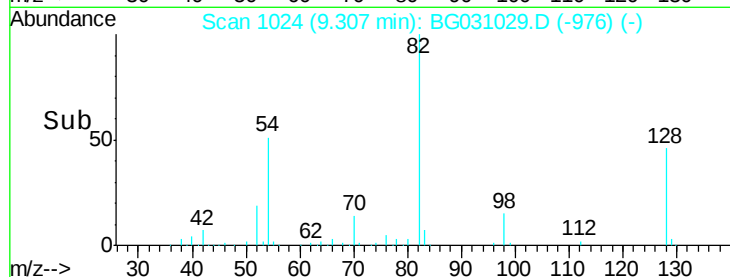
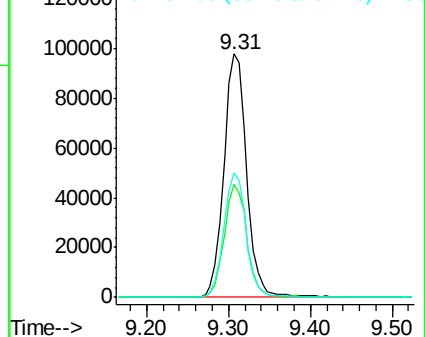
82 100

128 46.4 29.7 44.5#

54 50.9 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: 18.67 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

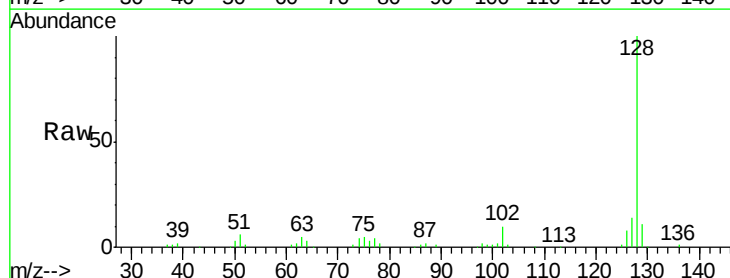
Tgt Ion: 128 Resp: 115527

Ion Ratio Lower Upper

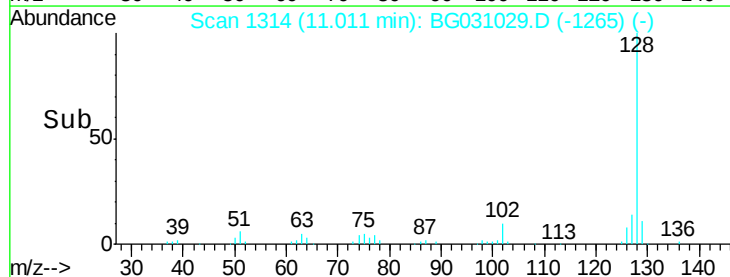
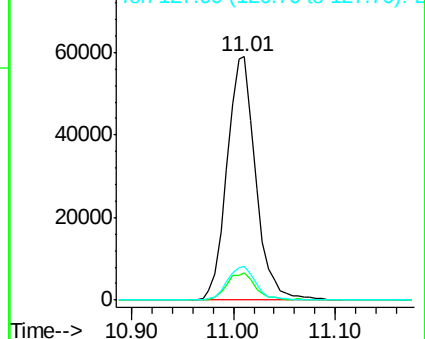
128 100

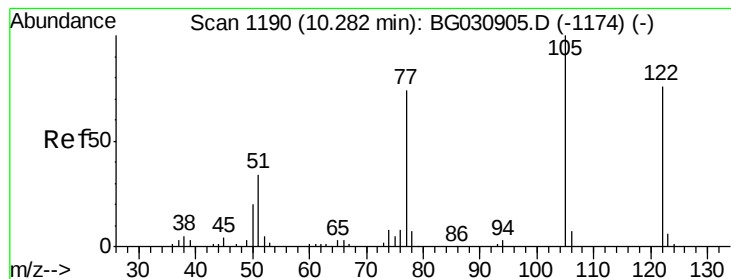
129 11.0 8.6 12.8

127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 5.73 ng

RT: 10.46 min Scan# 1221

Delta R.T. 0.20 min

Lab File: BG031029.D

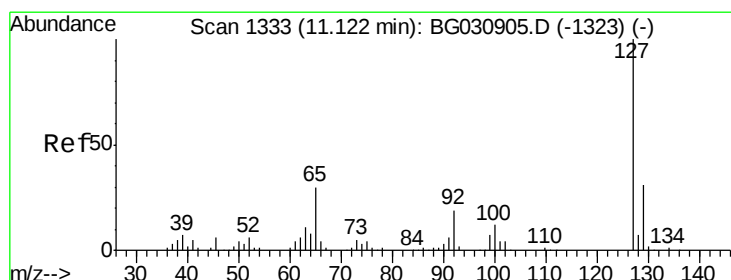
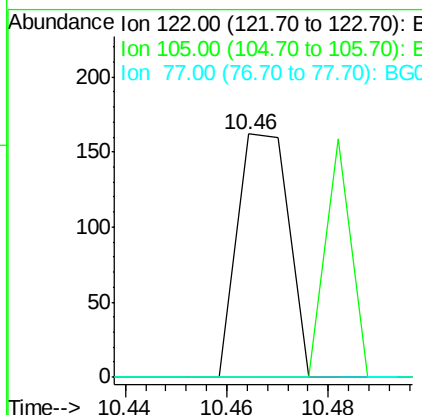
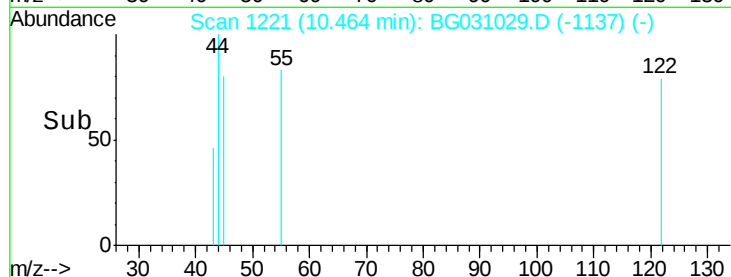
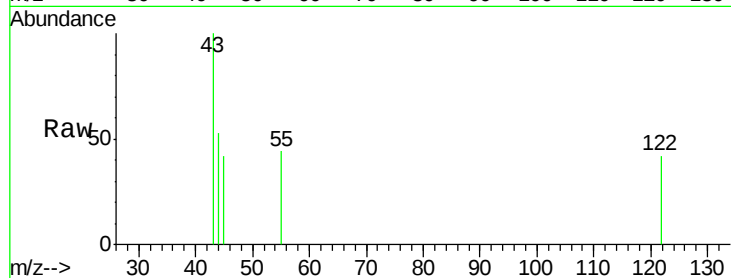
Acq: 16 Nov 2017 1:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#33

4-Chloroaniline

Concen: 5.81 ng

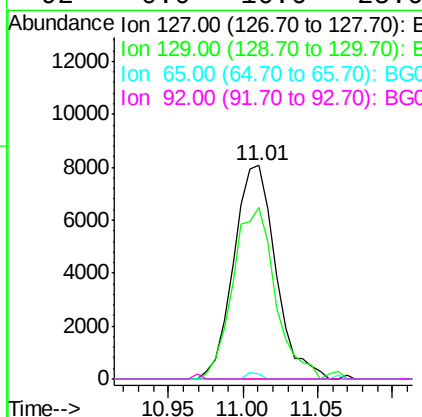
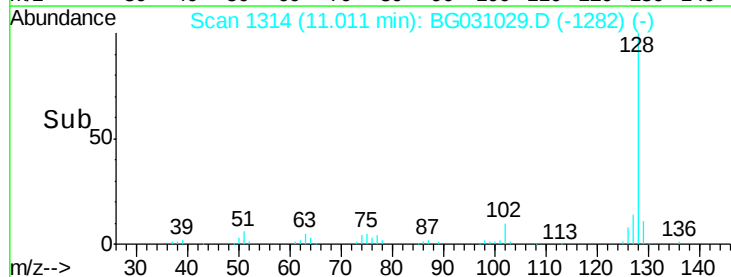
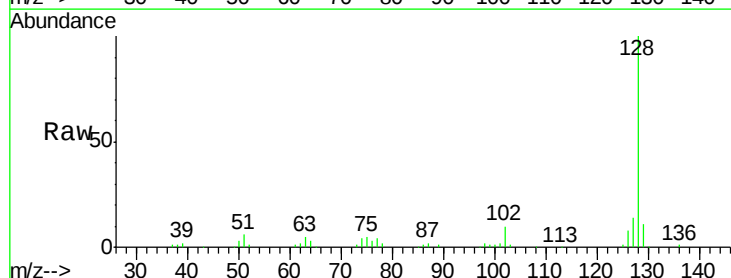
RT: 11.01 min Scan# 1314

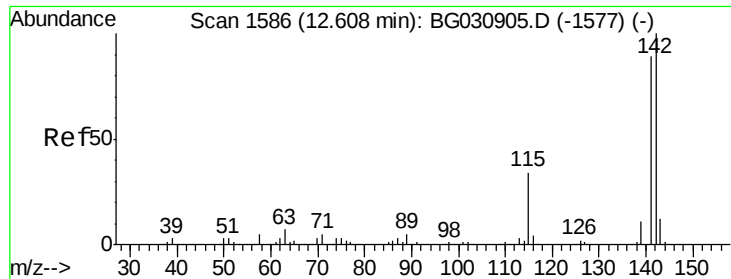
Delta R.T. -0.11 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Tgt Ion	Ratio	Lower	Upper
127	100		
129	80.3	24.0	36.0#
65	2.1	27.0	40.4#
92	0.0	16.6	25.0#

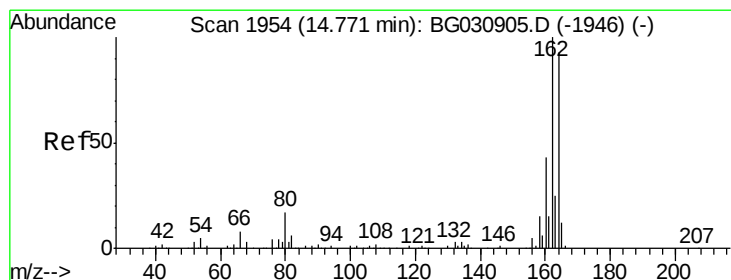
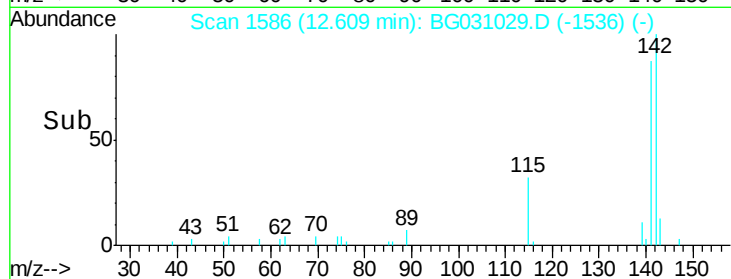
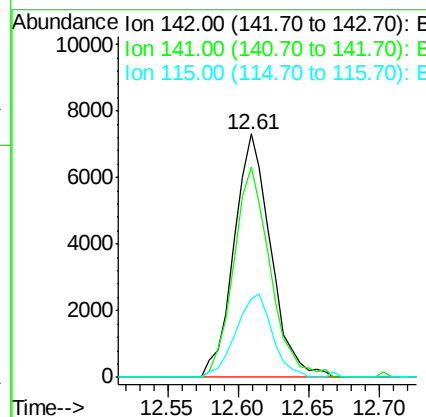
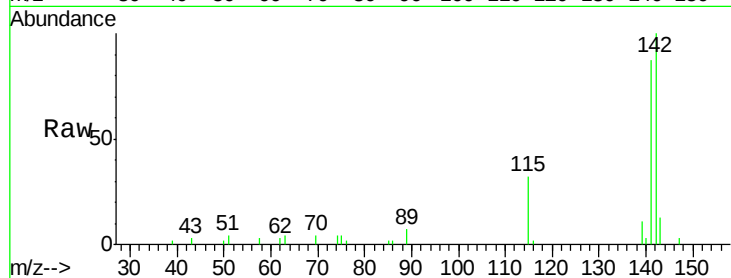




#37
 2-Methylnaphthalene
 Concen: 2.78 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

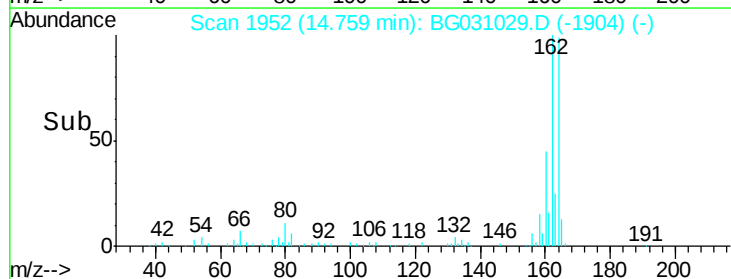
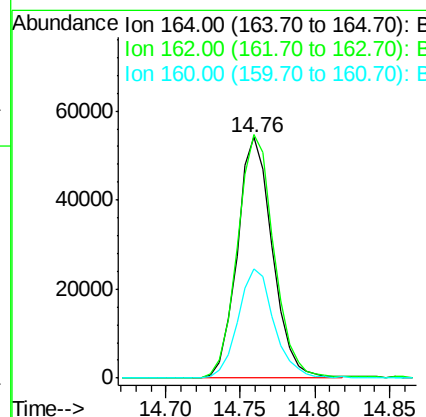
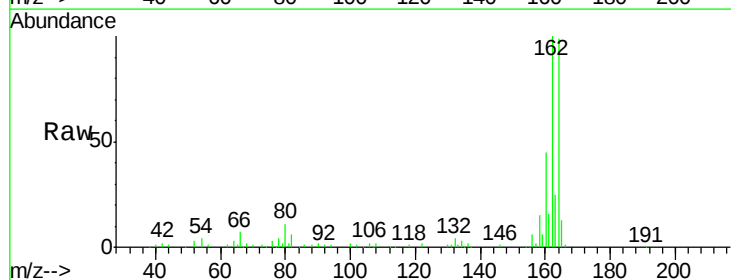
Instrument :
 BNA_G
 ClientSampleId :

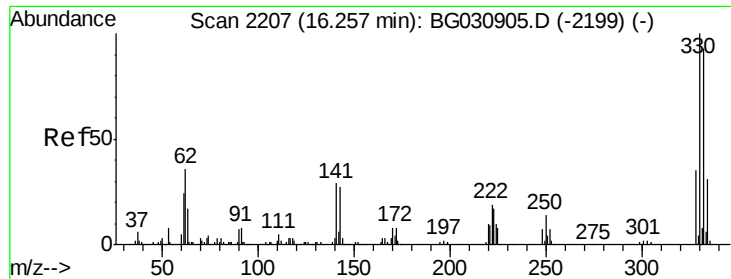
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	67.1	100.7
115	32.5	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	45.3	35.4	53.0

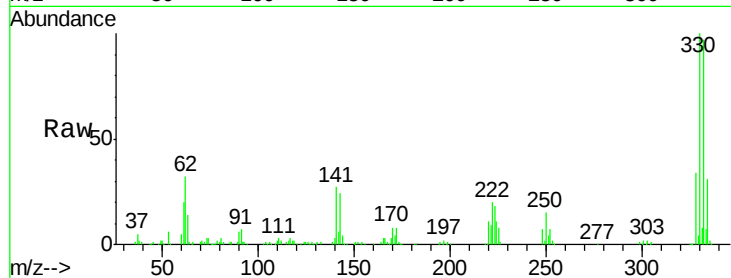




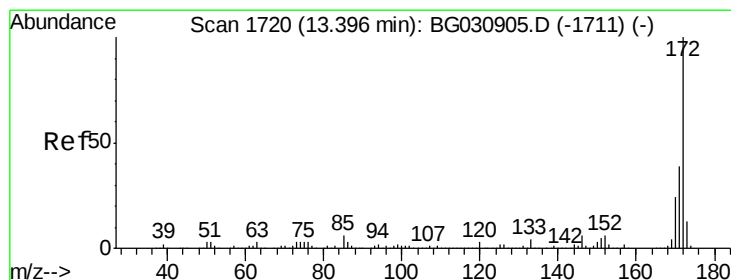
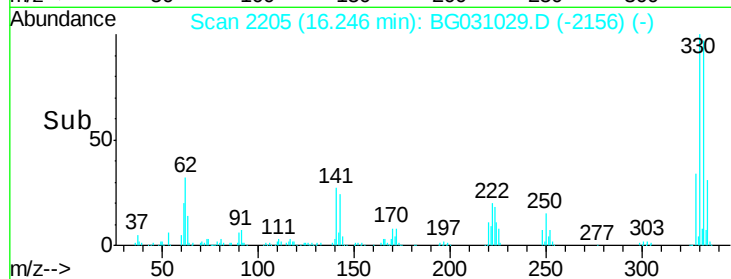
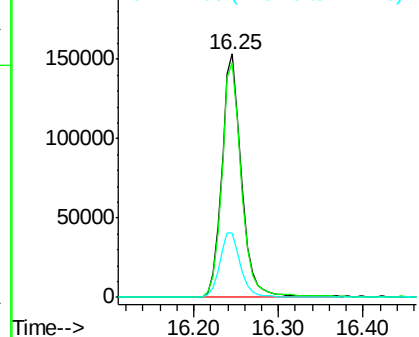
#41
 2,4,6-Tribromophenol
 Concen: 175.14 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.8	25.2	37.8

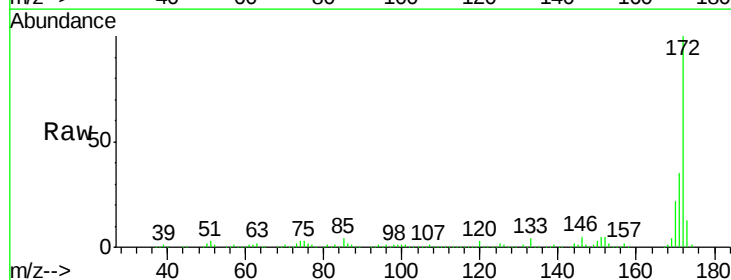


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

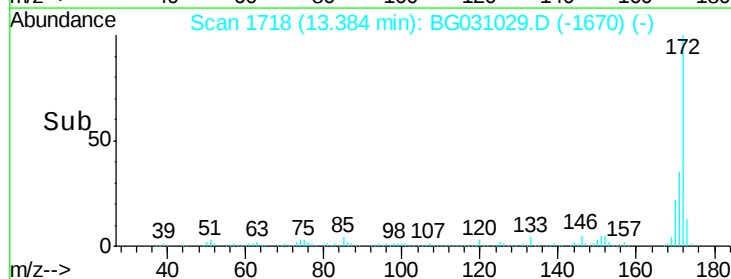
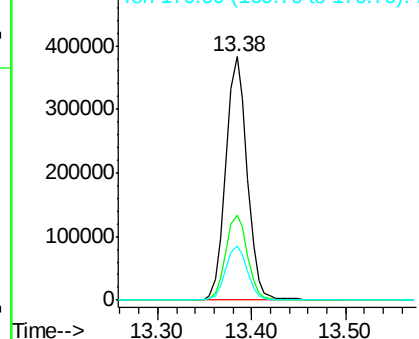


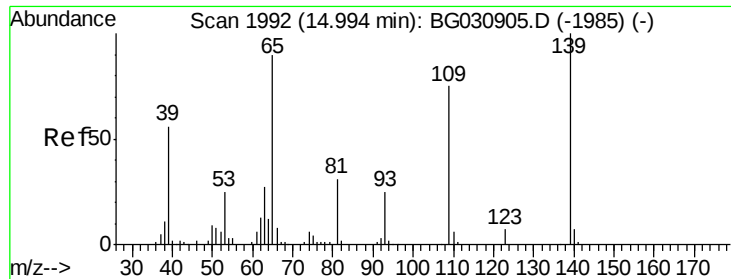
#44
 2-Fluorobiphenyl
 Concen: 98.88 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.1	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

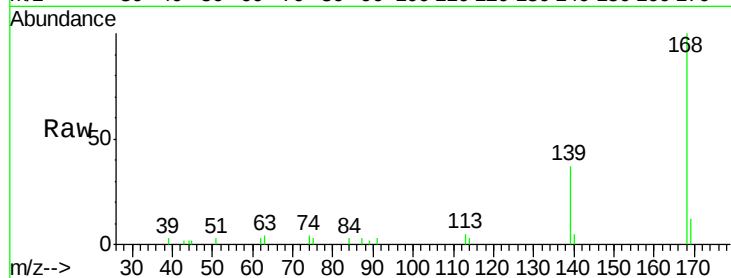




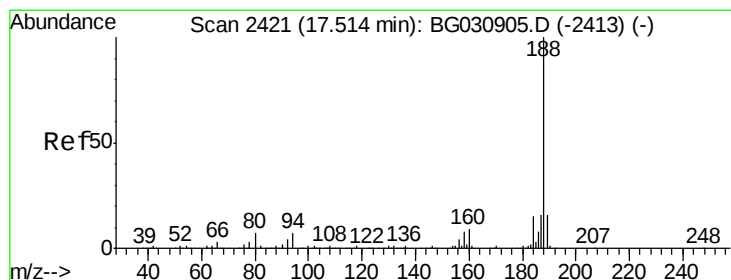
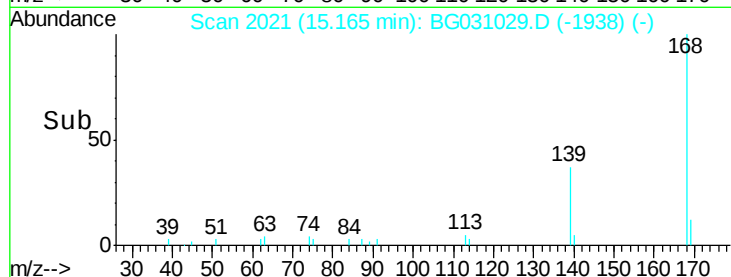
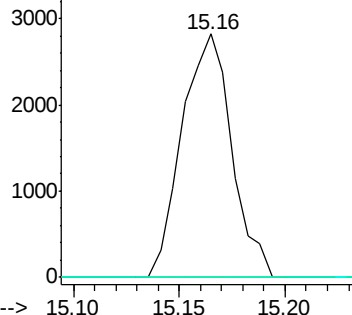
#55
4-Nitrophenol
Concen: 3.85 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 4598
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

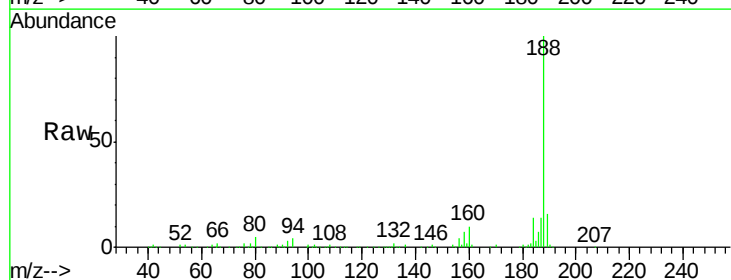


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

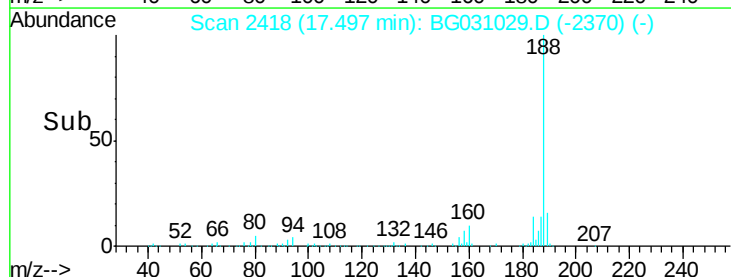
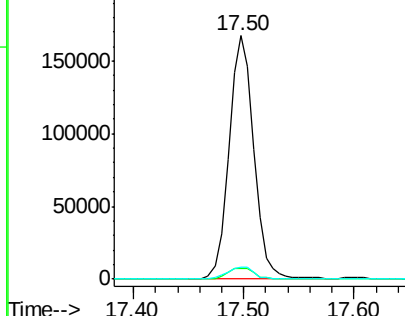


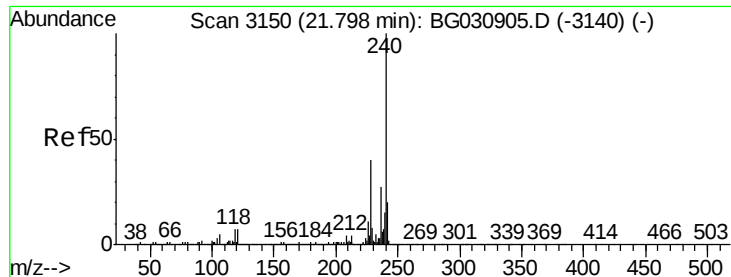
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

Tgt Ion:188 Resp: 263511
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.7 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: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Instrument :

BNA_G

ClientSampleId :

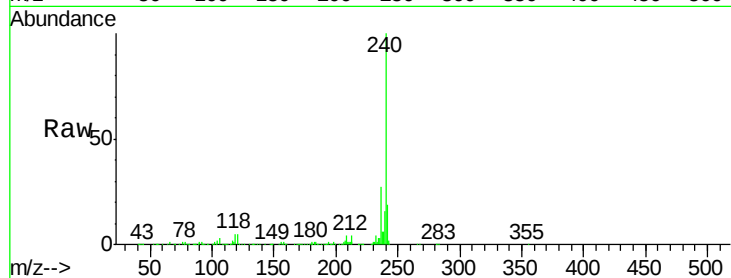
Tot Ion:240 Resp: 390222

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

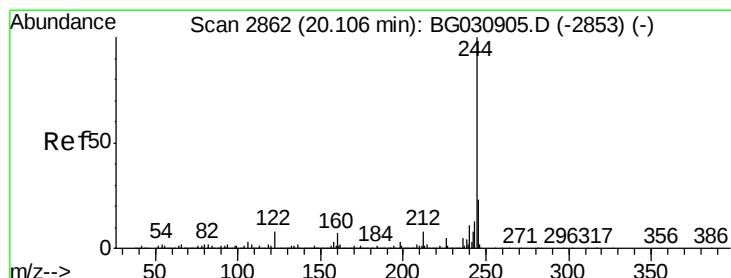
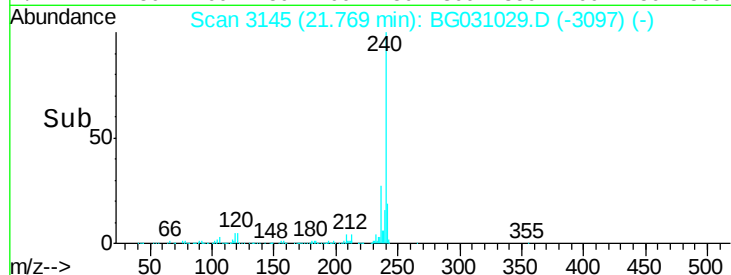
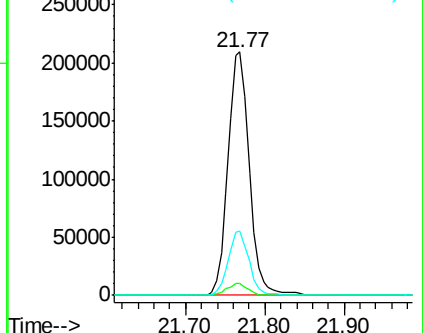
236 26.6 20.9 31.3



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: 85.38 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

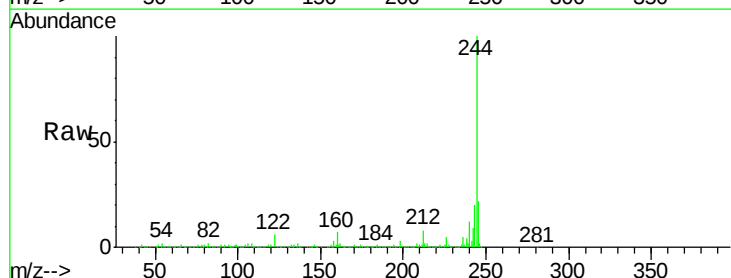
Tgt Ion:244 Resp: 1508916

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

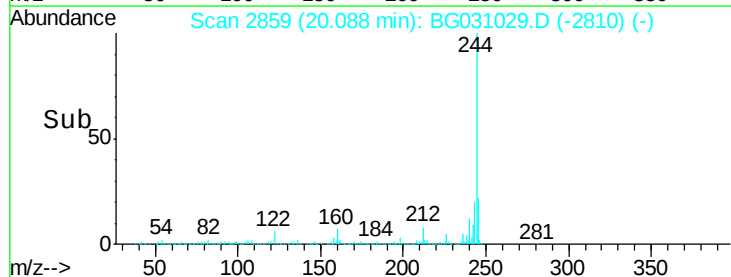
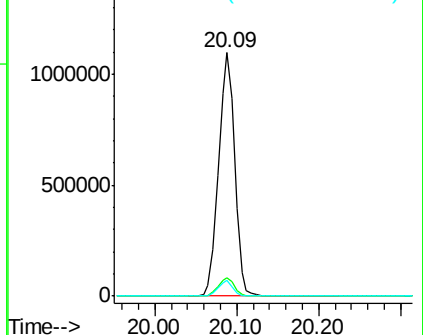
122 6.4 7.0 10.4#

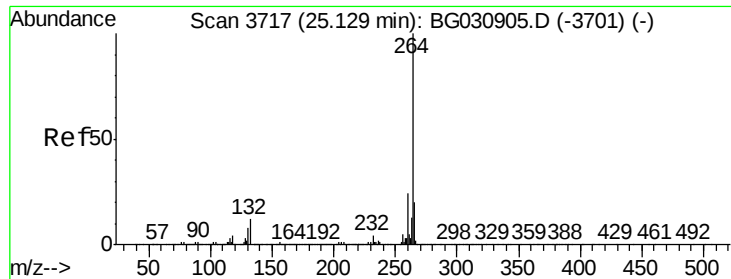


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

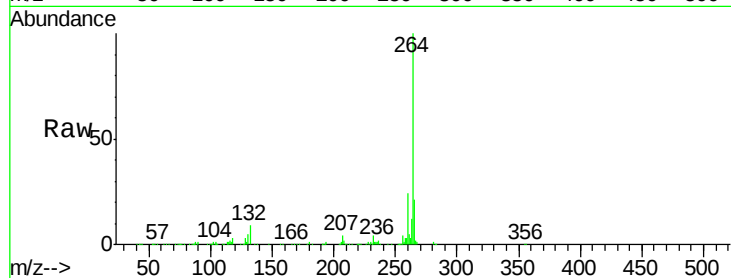




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.3	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

