

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030569.D
 Acq On : 29 Oct 2017 20:03
 Operator : SJ/JU
 Sample : I6094-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:03:22 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

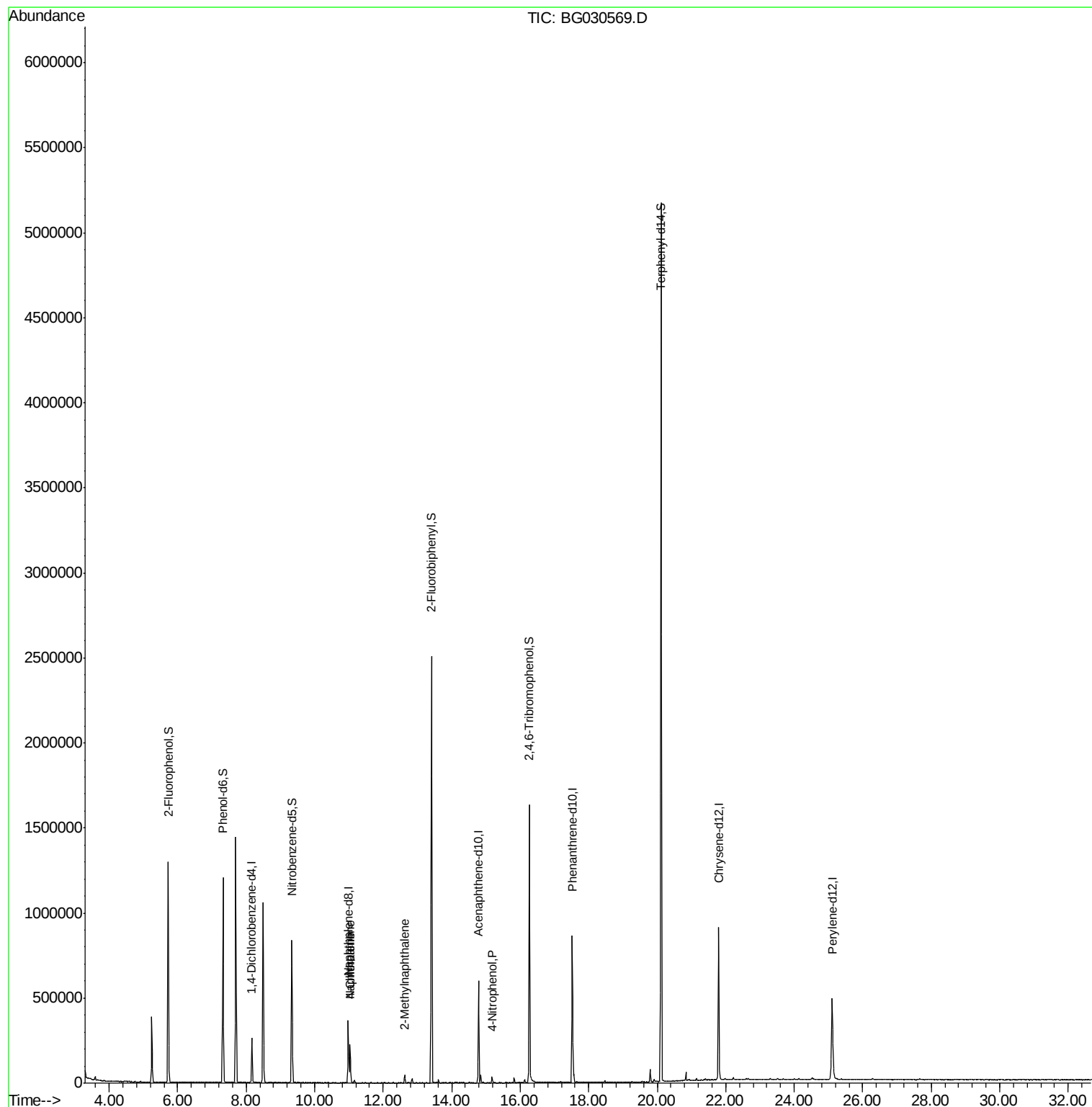
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75167	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	326225	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	214281	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	534196	20.00	ng	0.00
75) Chrysene-d12	21.79	240	574841	20.00	ng	0.00
86) Perylene-d12	25.11	264	563427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	606309	134.75	ng	0.00
7) Phenol-d6	7.32	99	724039	114.64	ng	0.00
23) Nitrobenzene-d5	9.34	82	515469	100.41	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	354223	128.04	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1391856	95.27	ng	0.00
78) Terphenyl-d14	20.11	244	2276921	90.11	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	202782	12.472	ng	97
33) 4-Chloroaniline	11.03	127	27178	3.974	ng	# 34
37) 2-Methylnaphthalene	12.63	142	24102	2.034	ng	96
55) 4-Nitrophenol	15.18	139	9223	2.958	ng	# 1

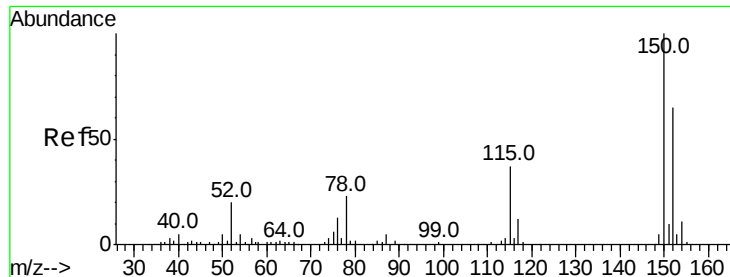
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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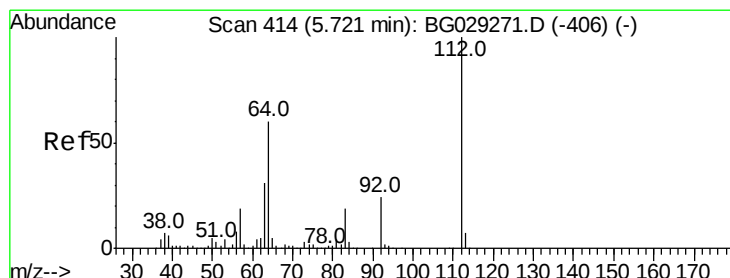
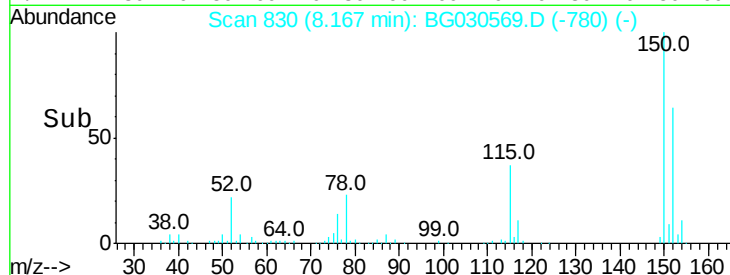
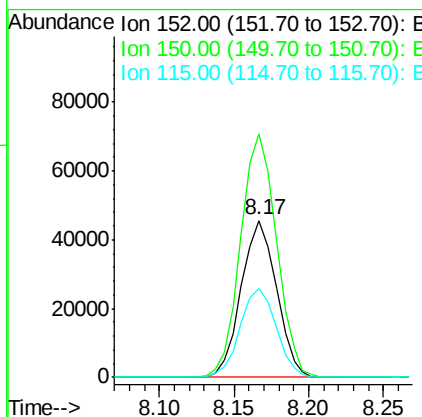
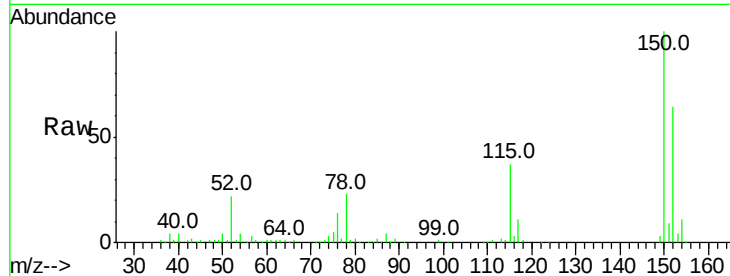


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Instrument :
BNA_G
ClientSampleId :

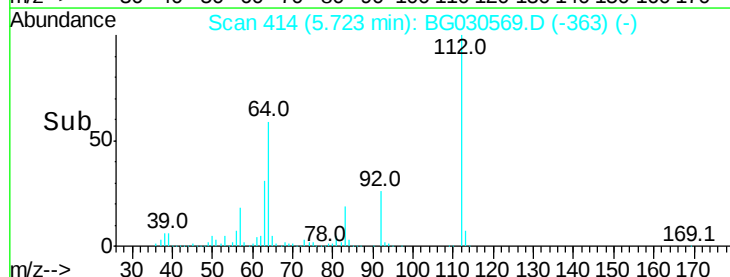
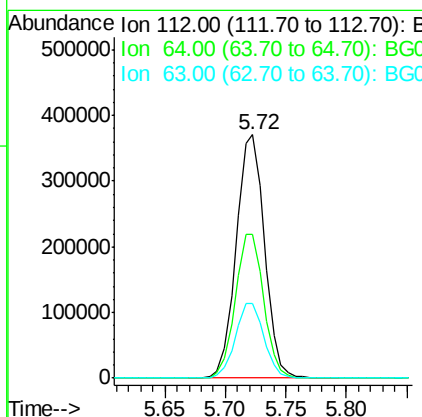
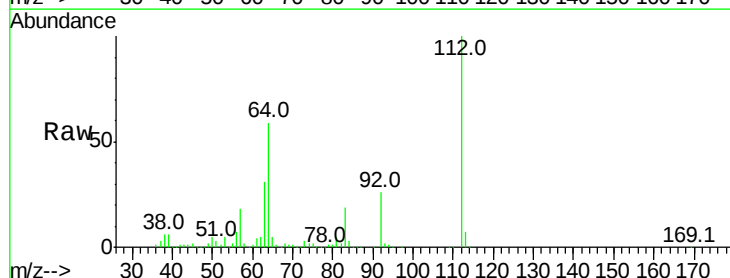
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	56.7	53.0	79.4



#5

2-Fluorophenol
Concen: 134.749 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	56.3	84.5
63	30.7	30.1	45.1





#7

Phenol-d6

Concen: 114.639 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

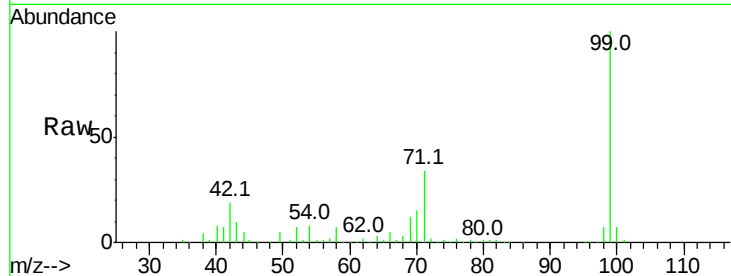
Tot Ion: 99 Resp: 724039

Ion Ratio Lower Upper

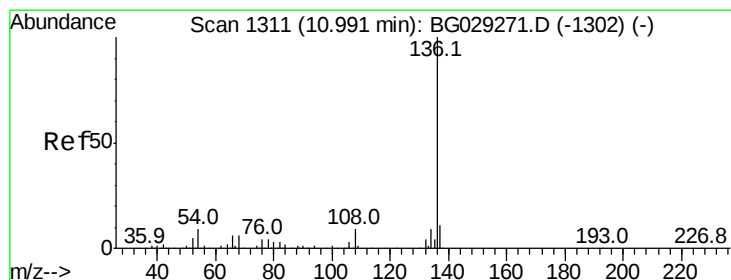
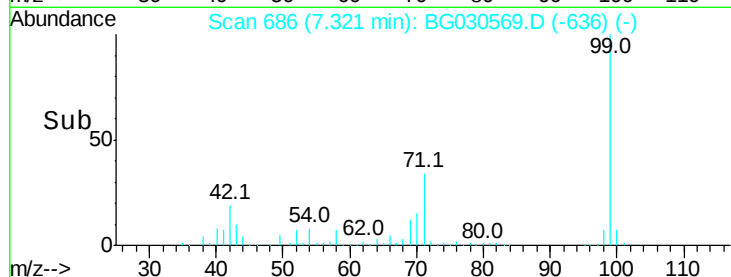
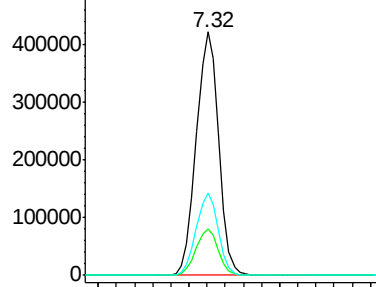
99 100

42 18.9 14.1 21.1

71 33.7 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: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Tgt Ion: 136 Resp: 326225

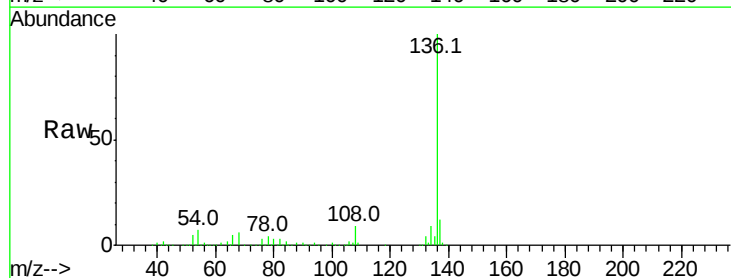
Ion Ratio Lower Upper

136 100

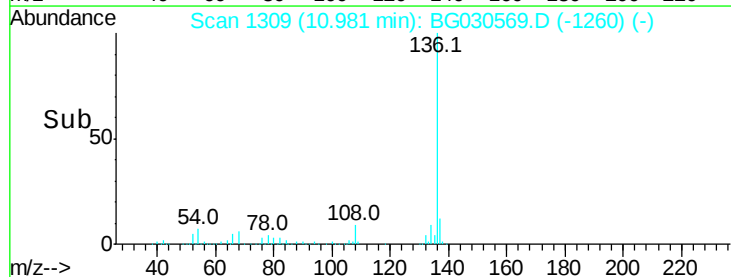
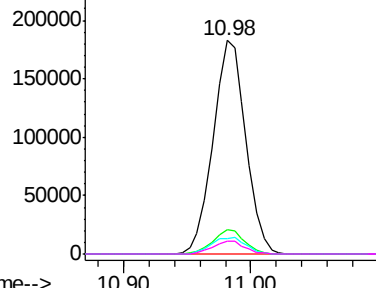
137 11.5 9.2 13.8

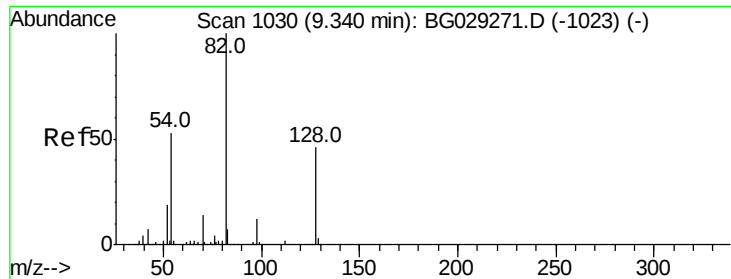
54 7.4 10.3 15.5#

68 5.9 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

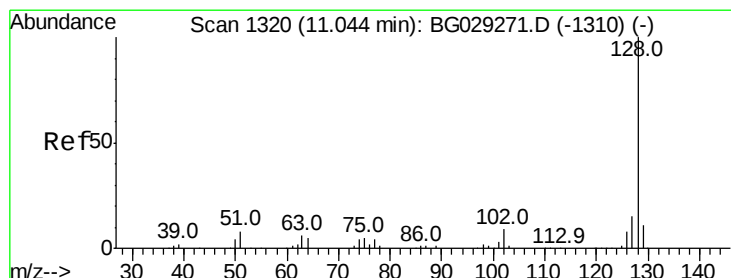
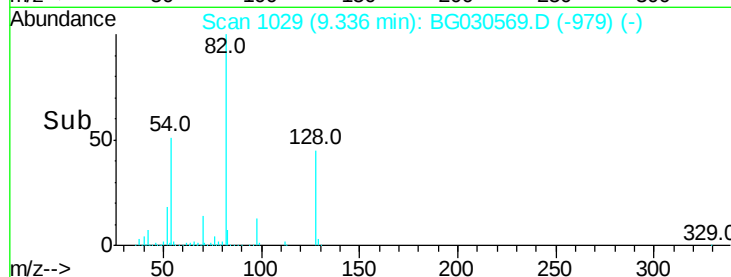
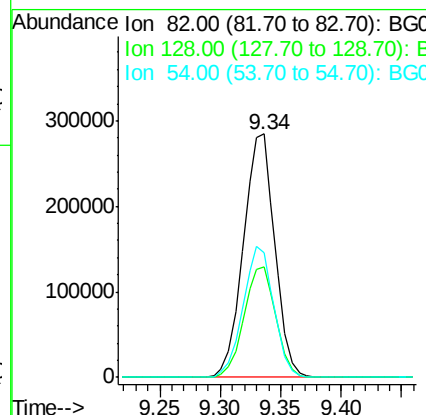
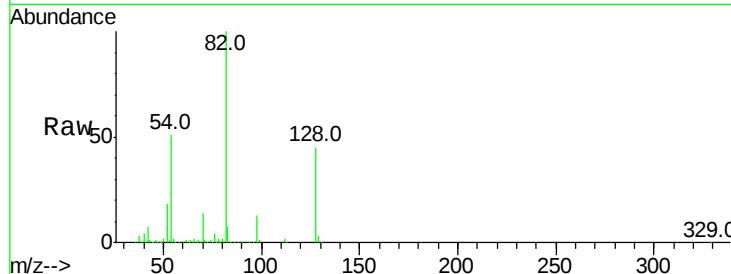




#23
Nitrobenzene-d5
Concen: 100.411 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

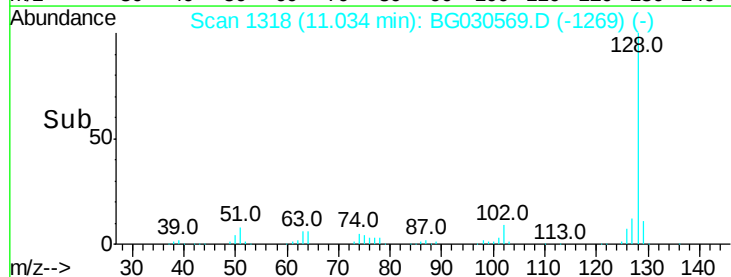
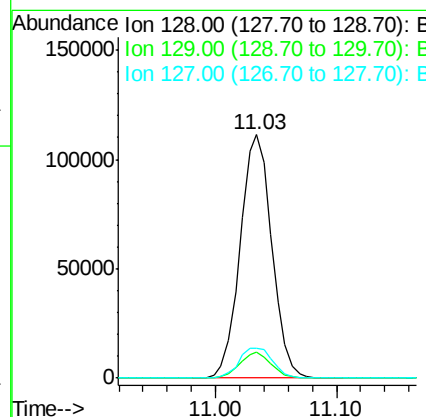
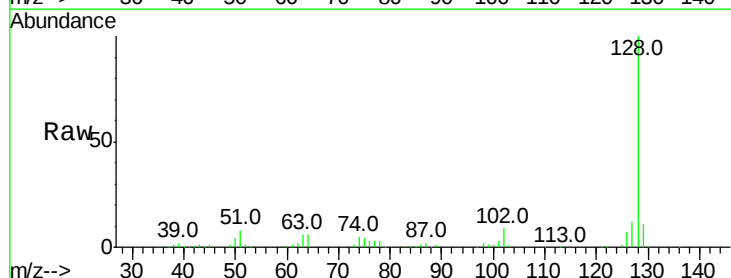
Instrument :
BNA_G
ClientSampleId :

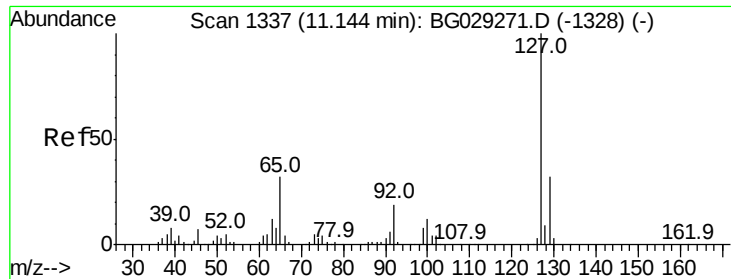
Tot Ion: 82 Resp: 515469
Ion Ratio Lower Upper
82 100
128 45.4 29.7 44.5#
54 51.1 43.1 64.7



#31
Naphthalene
Concen: 12.472 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion: 128 Resp: 202782
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.3 11.6 17.4

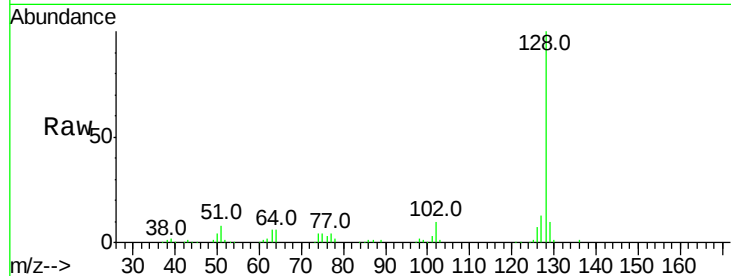




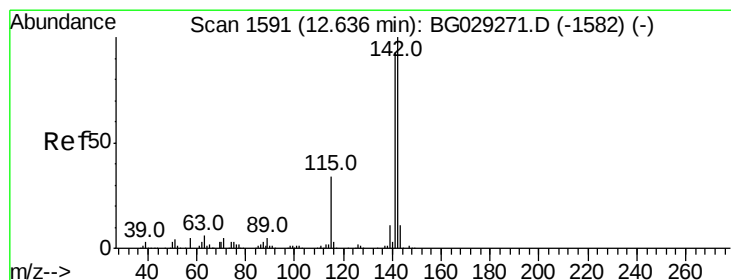
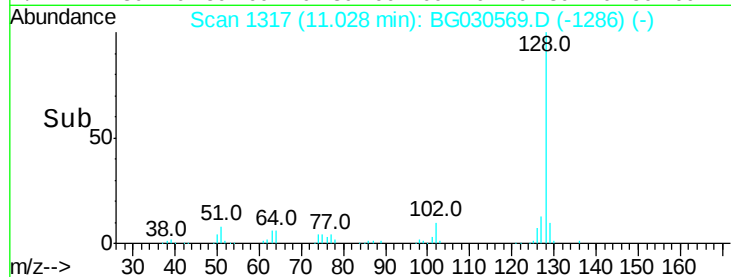
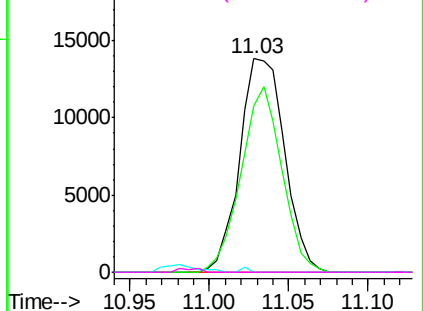
#33
4-Chloroaniline
Concen: 3.974 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.12 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	27178
Ion	Ratio	Lower	Upper
127	100		
129	78.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

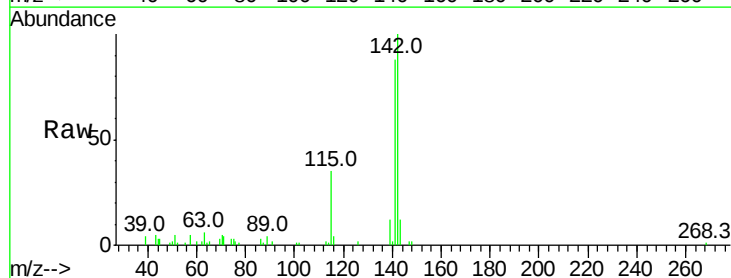


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

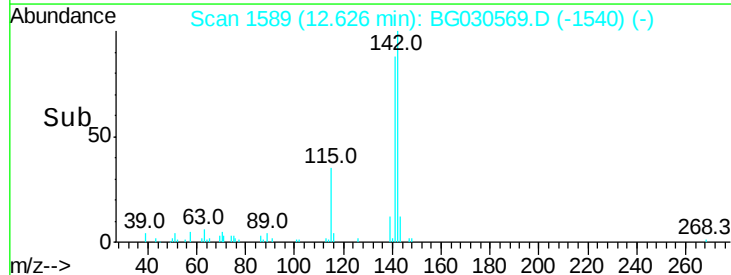
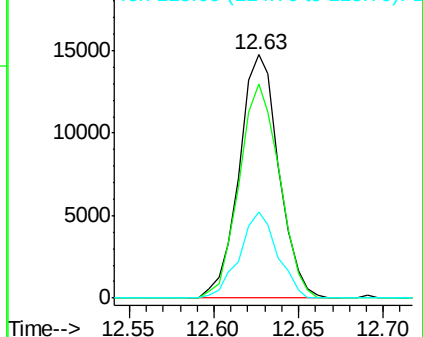


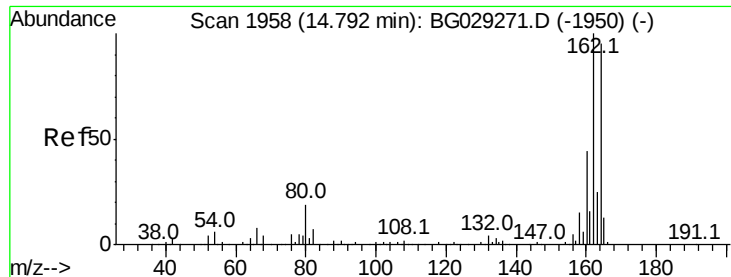
#37
2-Methylnaphthalene
Concen: 2.034 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion:	142	Resp:	24102
Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.1	100.7
115	35.4	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

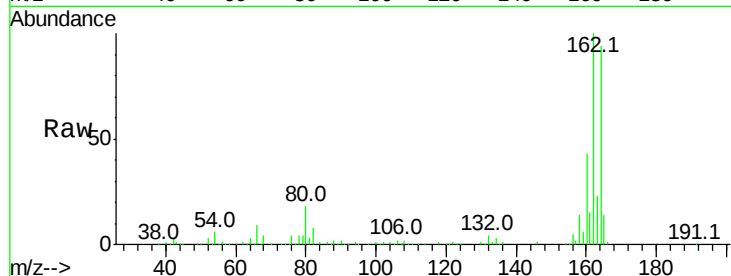




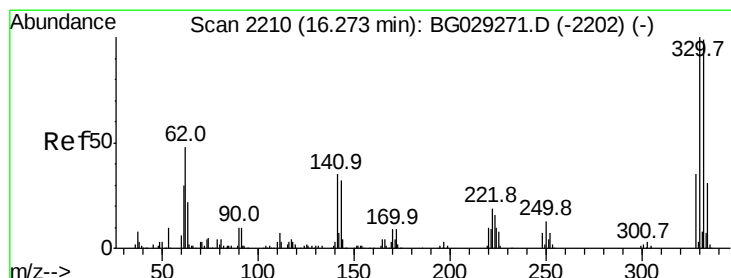
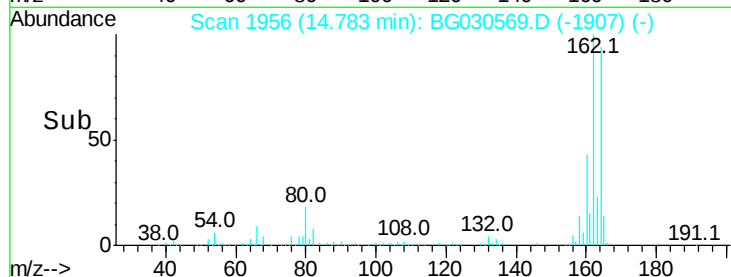
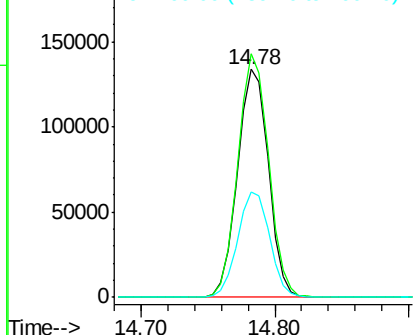
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 214281
Ion Ratio Lower Upper
164 100
162 106.9 78.8 118.2
160 46.1 35.4 53.0

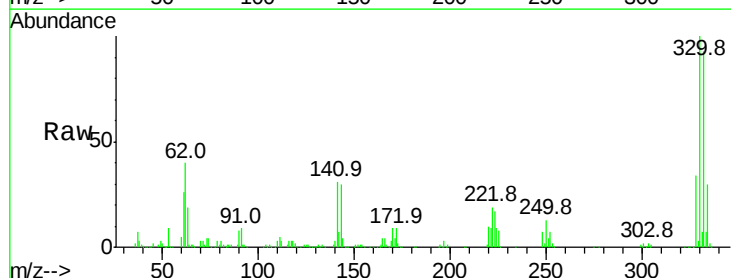


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

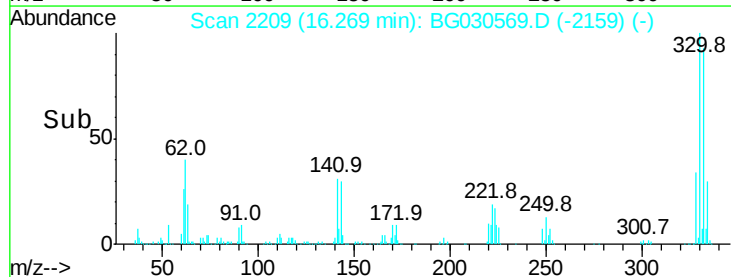
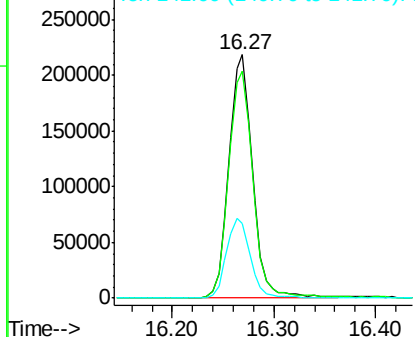


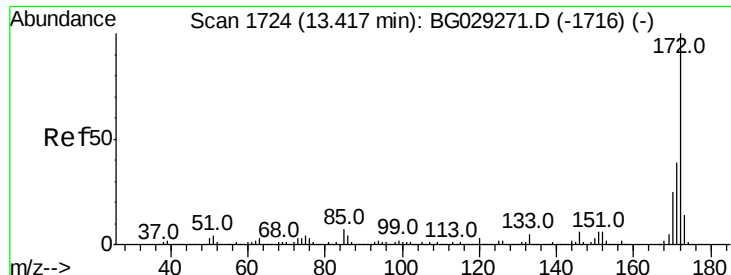
#41
2,4,6-Tribromophenol
Concen: 128.036 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG030569.D
Acq: 29 Oct 2017 20:03

Tgt Ion:330 Resp: 354223
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.5 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



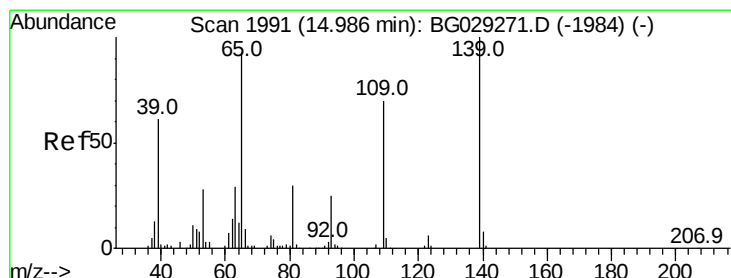
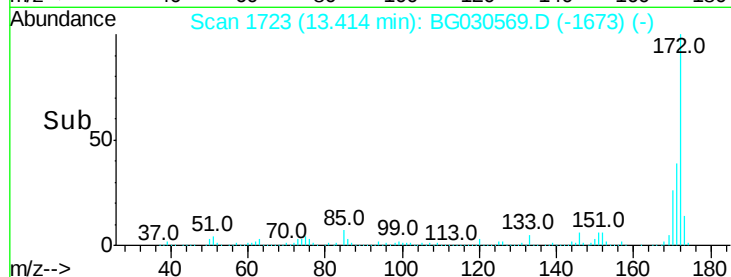
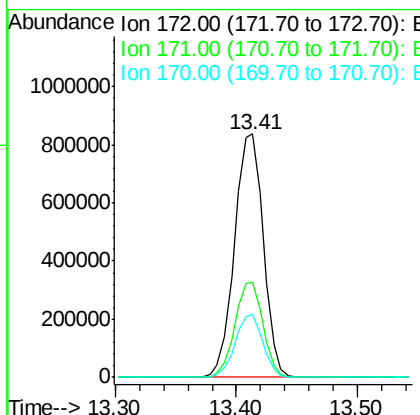
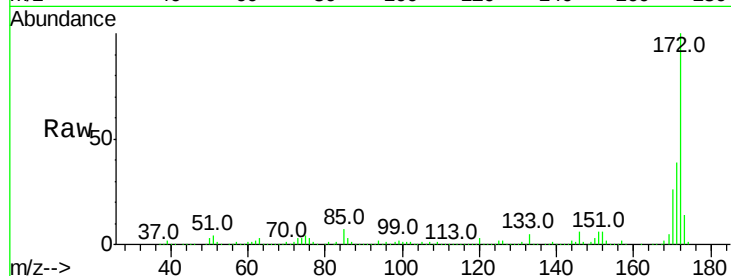


#44
 2-Fluorobiphenyl
 Concen: 95.266 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030569.D
 Acq: 29 Oct 2017 20:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1391856

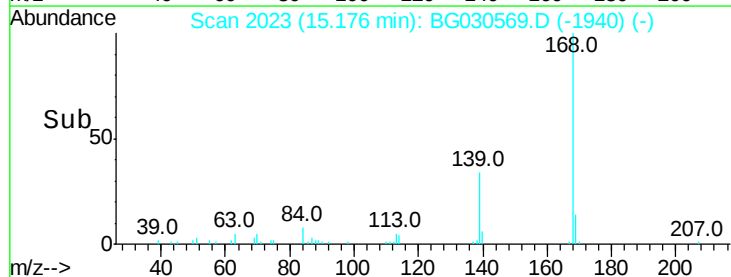
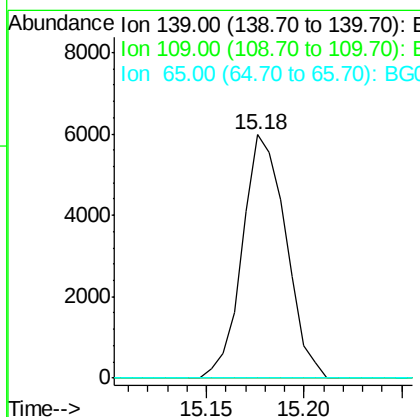
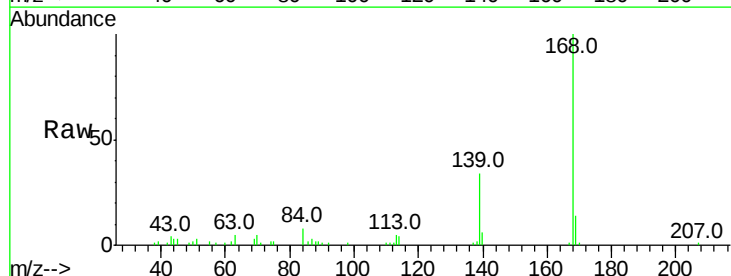
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	26.0	19.5	29.3

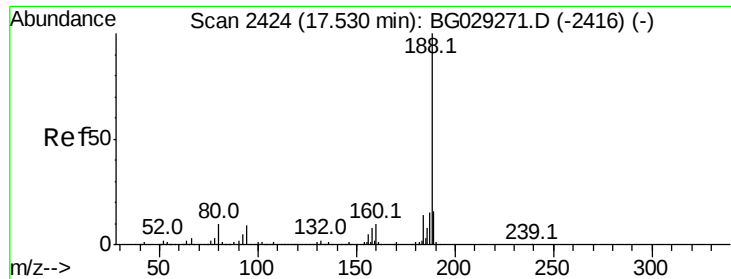


#55
 4-Nitrophenol
 Concen: 2.958 ng
 RT: 15.18 min Scan# 2023
 Delta R.T. 0.19 min
 Lab File: BG030569.D
 Acq: 29 Oct 2017 20:03

Tgt Ion:139 Resp: 9223

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

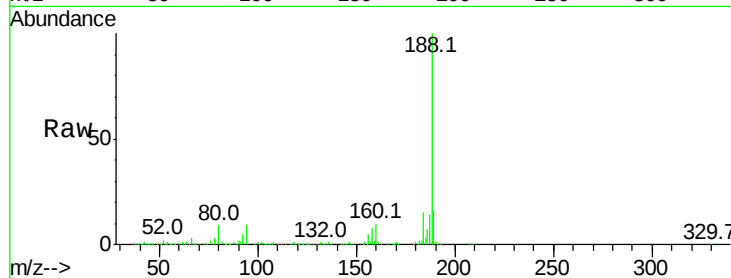
Tot Ion:188 Resp: 534196

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

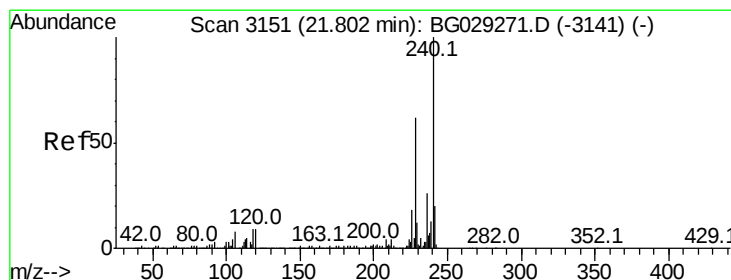
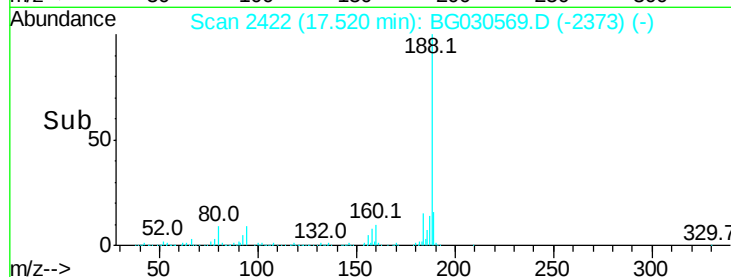
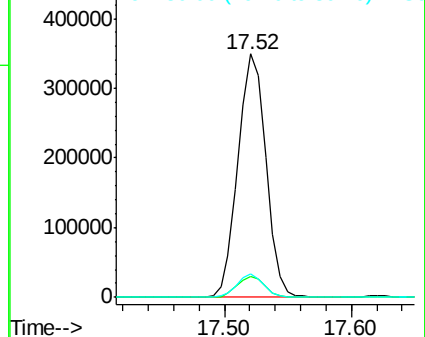
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

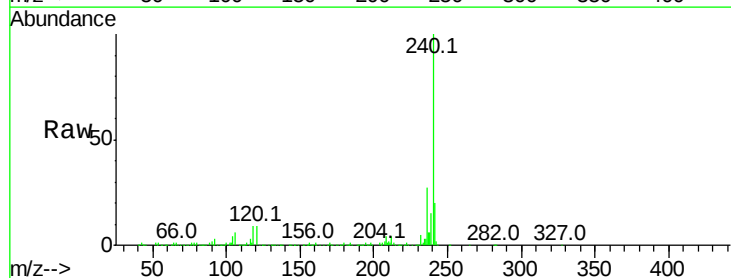
Tgt Ion:240 Resp: 574841

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

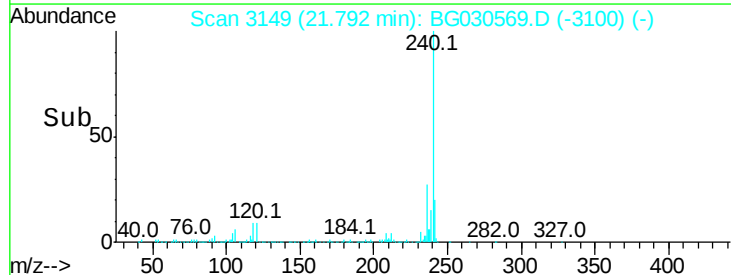
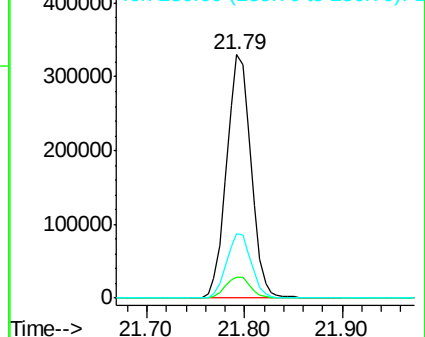
236 26.5 20.9 31.3

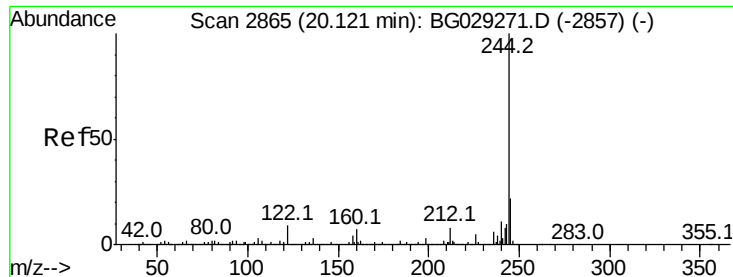


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.109 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Instrument :

BNA_G

ClientSampleId :

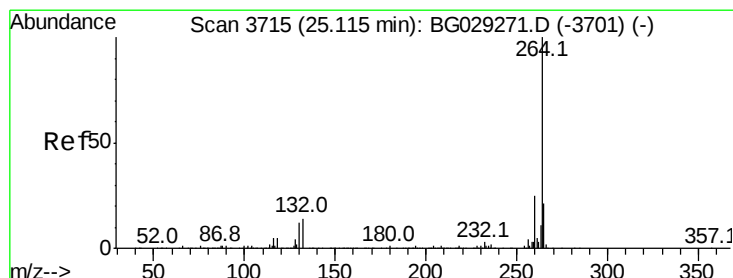
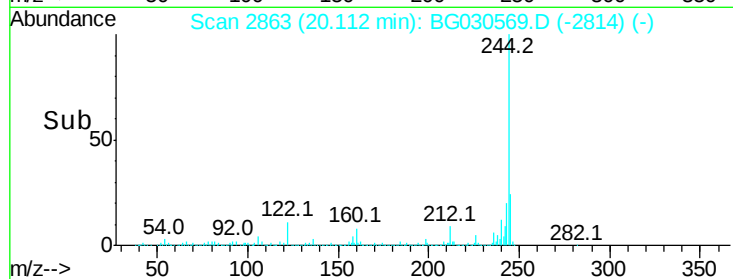
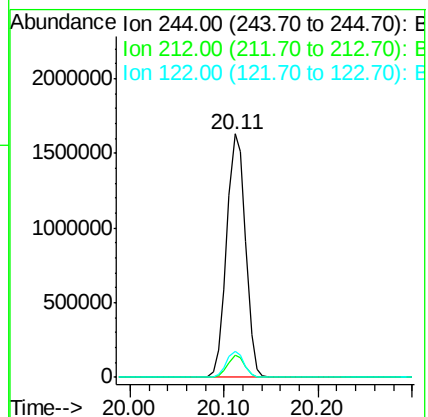
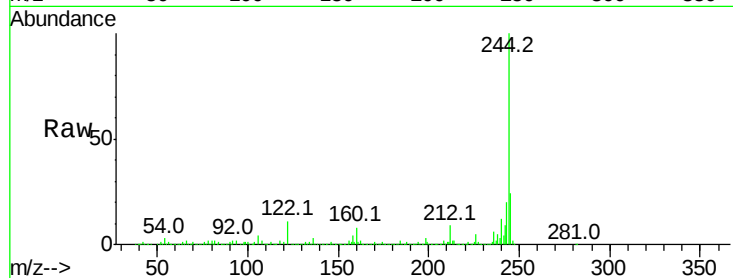
Tot Ion:244 Resp: 2276921

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 10.8 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG030569.D

Acq: 29 Oct 2017 20:03

Tgt Ion:264 Resp: 563427

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.2 17.7 26.5

