

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029365.D
 Acq On : 19 Oct 2017 14:36
 Operator : SJ/JU
 Sample : I5943-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:39:27 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

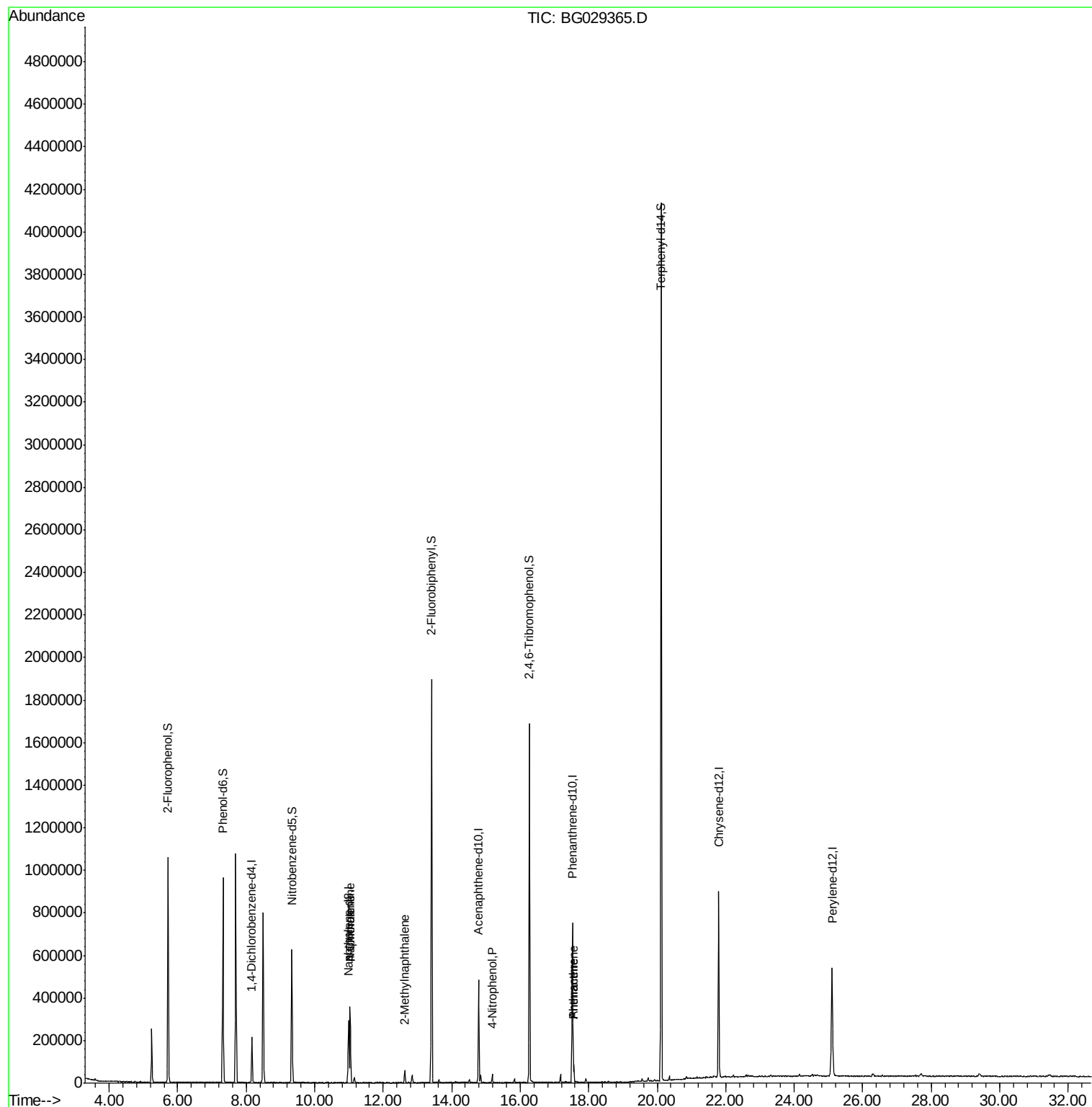
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60696	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	265212	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	174395	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	470168	20.00	ng	0.00
75) Chrysene-d12	21.79	240	538754	20.00	ng	0.00
86) Perylene-d12	25.11	264	551535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	471350	129.73	ng	0.00
7) Phenol-d6	7.32	99	574348	112.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	377813	90.53	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	355092	157.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	999071	84.02	ng	0.00
78) Terphenyl-d14	20.12	244	1888091	79.73	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.03	128	312347	23.631	ng	98
33) 4-Chloroaniline	11.04	127	42784	7.695	ng	# 36
37) 2-Methylnaphthalene	12.63	142	29662	3.079	ng	87
55) 4-Nitrophenol	15.18	139	10971	4.323	ng	# 1
70) Phenanthrene	17.57	178	52799	2.174	ng	96
71) Anthracene	17.57	178	52799	2.165	ng	97

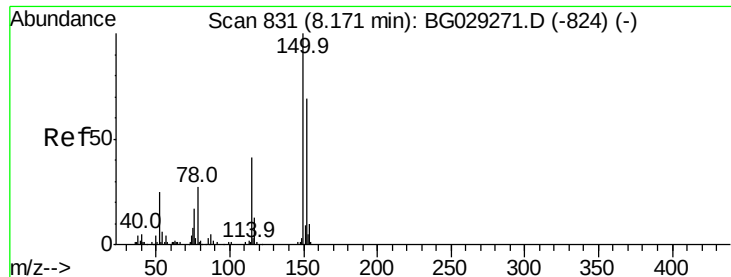
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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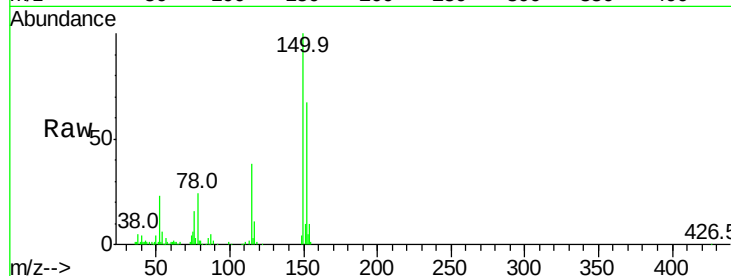


#1

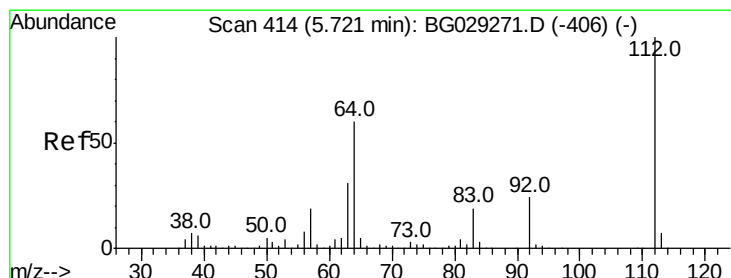
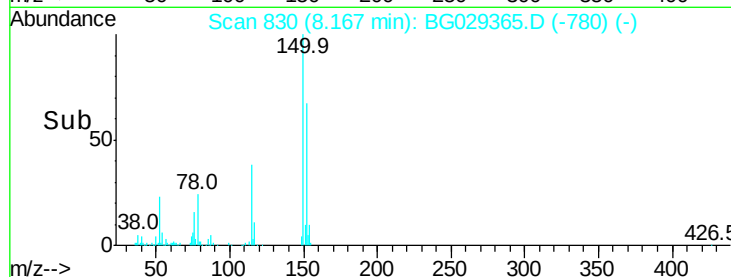
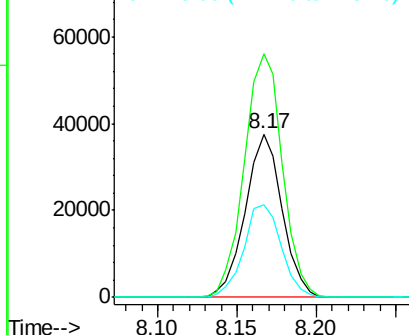
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60696
Ion Ratio Lower Upper
152 100
150 149.1 126.6 189.8
115 57.1 53.0 79.4



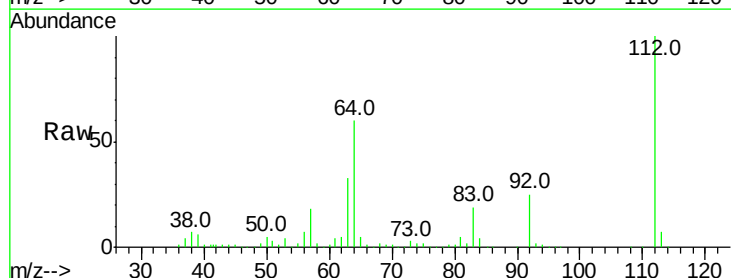
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



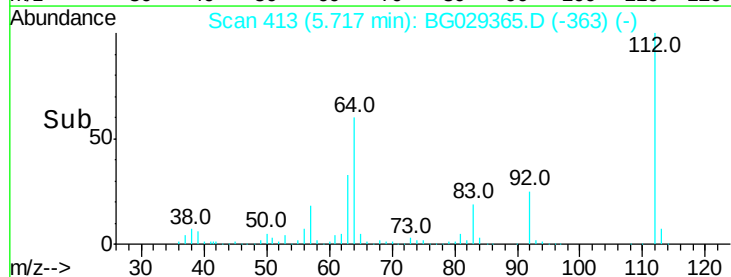
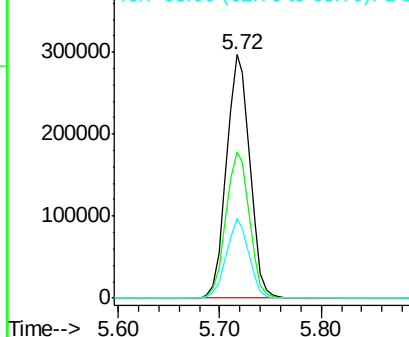
#5

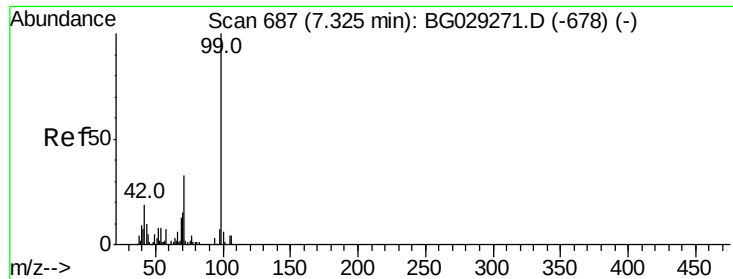
2-Fluorophenol
Concen: 129.731 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:112 Resp: 471350
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 32.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.620 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029365.D

Acq: 19 Oct 2017 14:36

Instrument :

BNA_G

ClientSampleId :

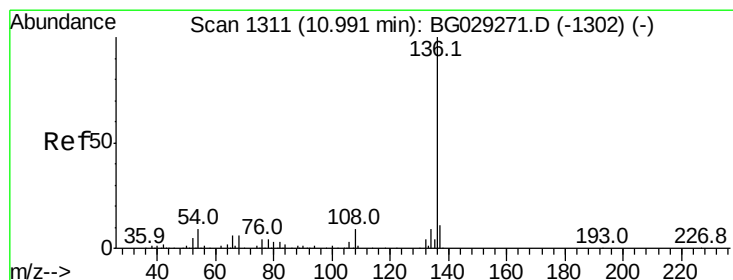
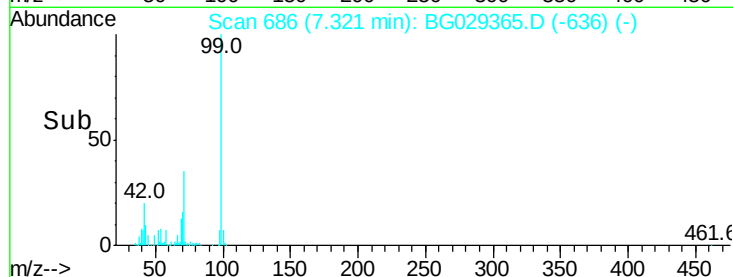
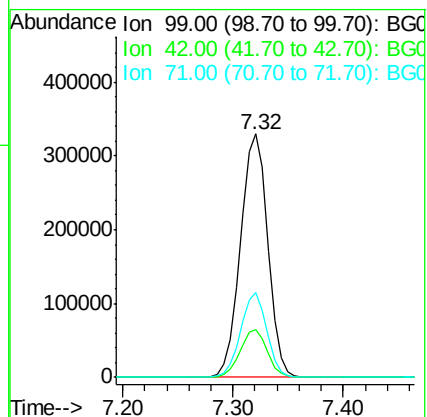
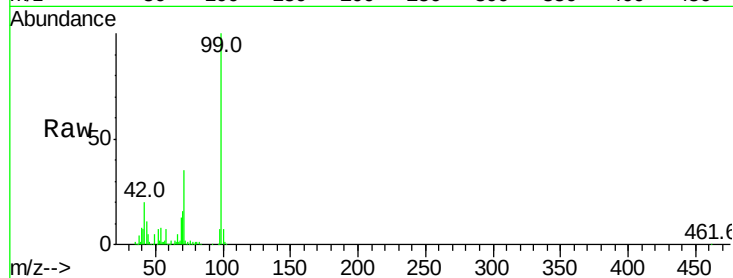
Tot Ion: 99 Resp: 574348

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

71 34.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029365.D

Acq: 19 Oct 2017 14:36

Tgt Ion: 136 Resp: 265212

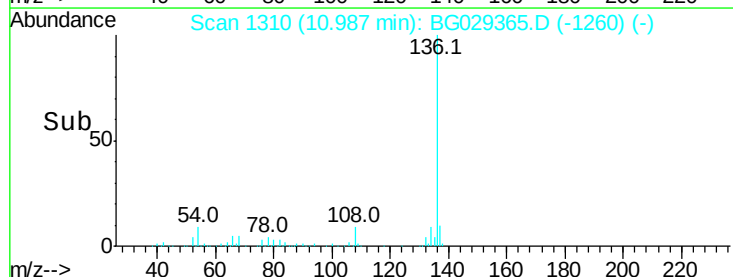
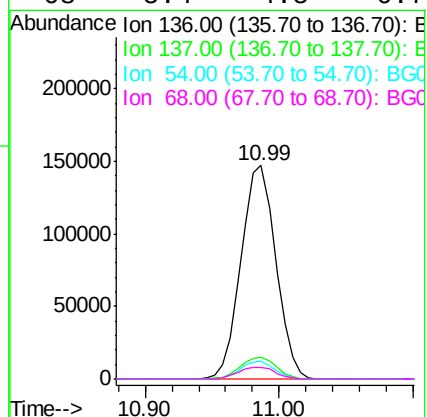
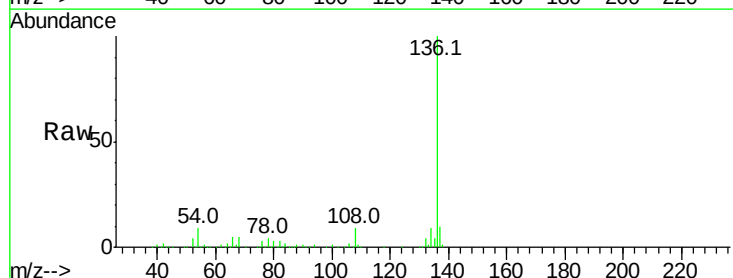
Ion Ratio Lower Upper

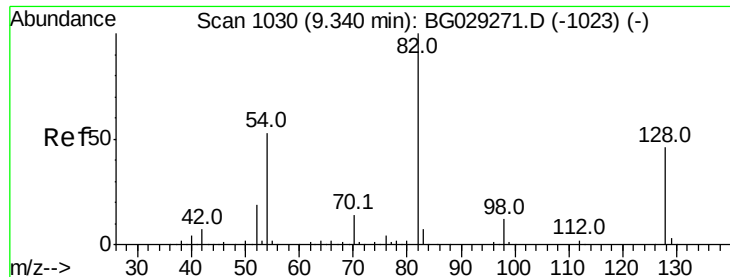
136 100

137 10.4 9.2 13.8

54 8.7 10.3 15.5#

68 5.4 4.5 6.7

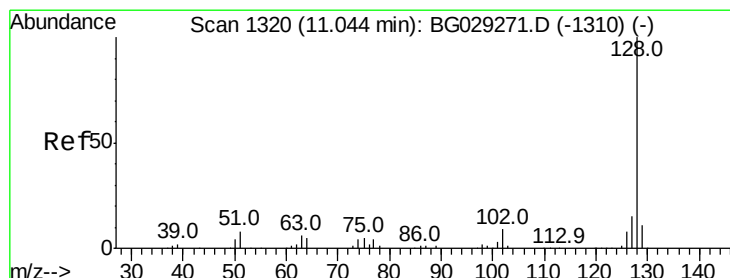
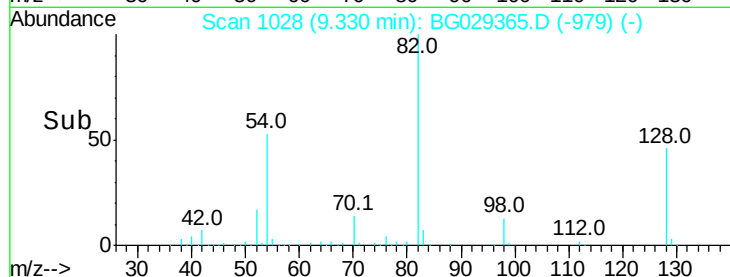
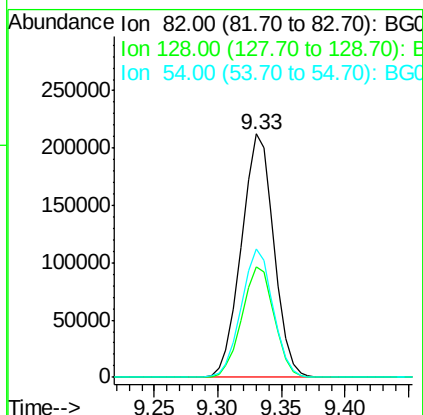
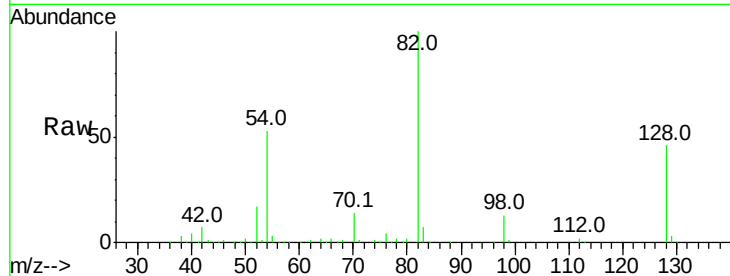




#23
 Nitrobenzene-d5
 Concen: 90.527 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029365.D
 Acq: 19 Oct 2017 14:36

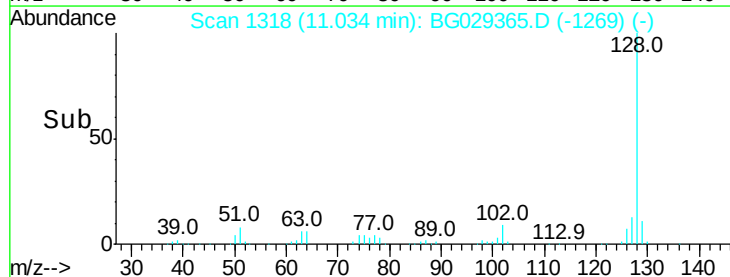
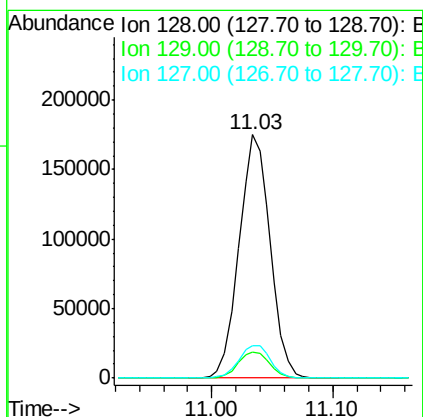
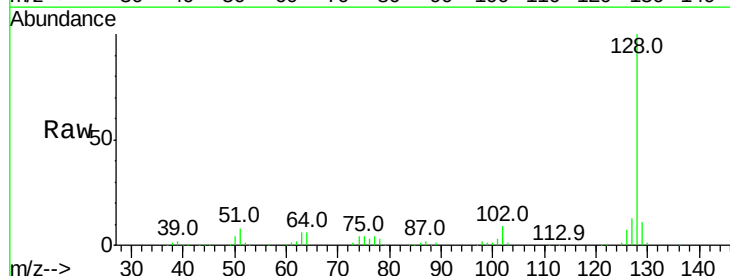
Instrument :
 BNA_G
 ClientSampleId :

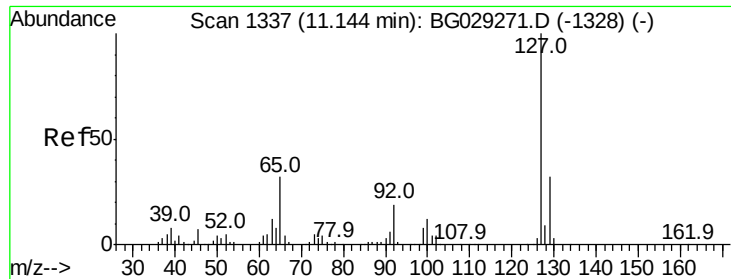
Tot Ion: 82 Resp: 377813
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 52.6 43.1 64.7



#31
 Naphthalene
 Concen: 23.631 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG029365.D
 Acq: 19 Oct 2017 14:36

Tgt Ion: 128 Resp: 312347
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 12.8
 127 13.1 11.6 17.4

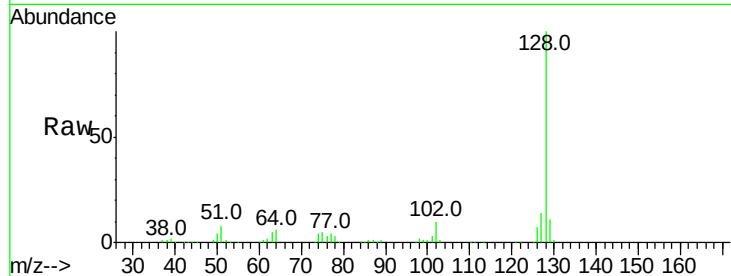




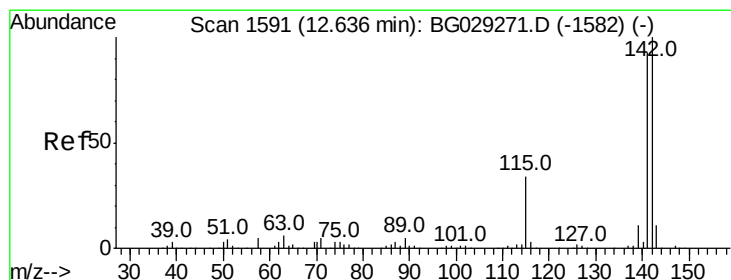
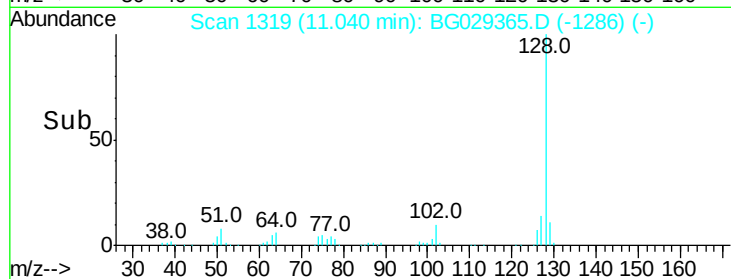
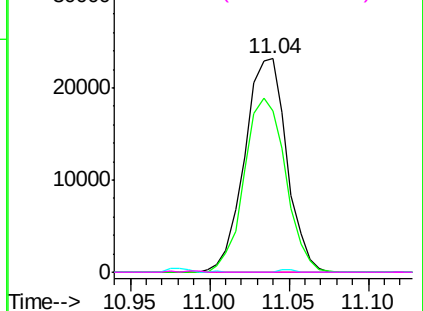
#33
4-Chloroaniline
Concen: 7.695 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.10 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	42784
Ion	Ratio	Lower	Upper
127	100		
129	75.3	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

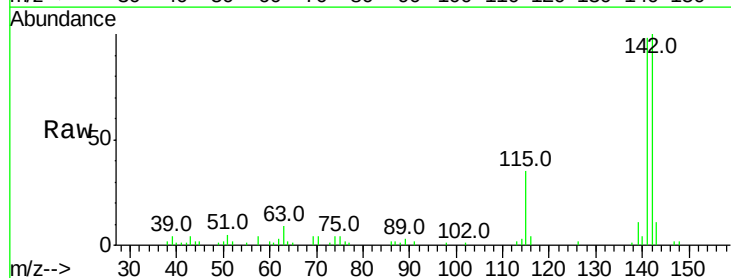


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

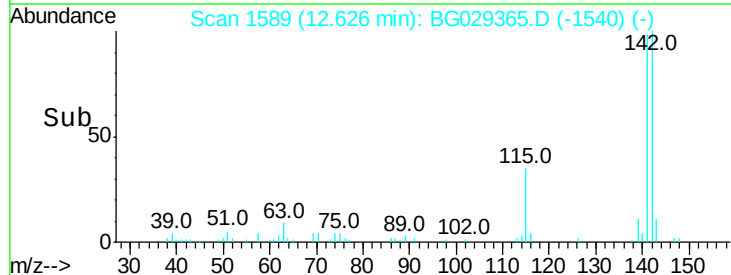
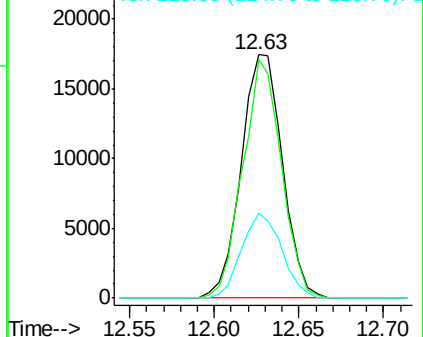


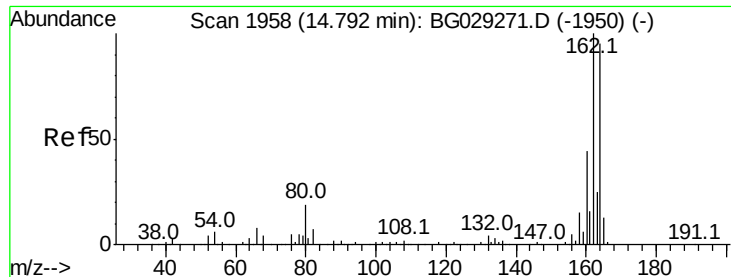
#37
2-Methylnaphthalene
Concen: 3.079 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:	142	Resp:	29662
Ion	Ratio	Lower	Upper
142	100		
141	98.2	67.1	100.7
115	34.7	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

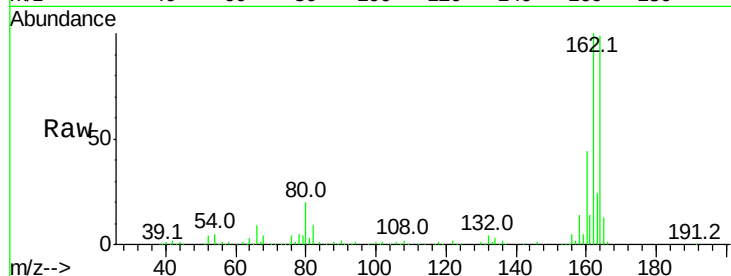




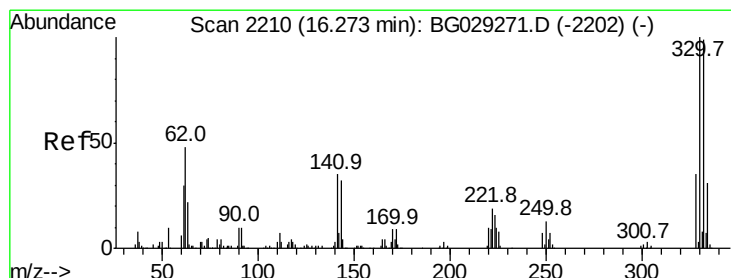
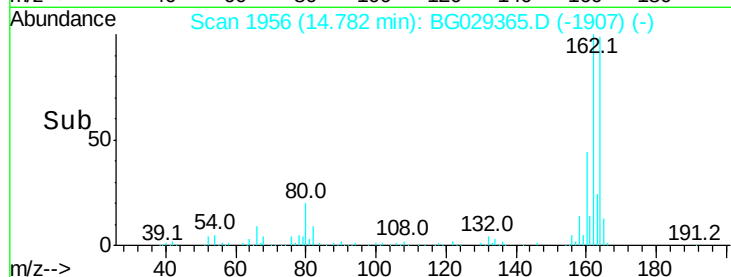
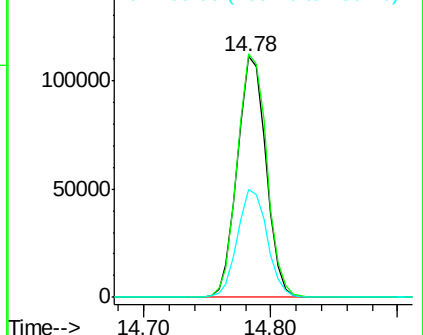
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 174395
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 44.8 35.4 53.0

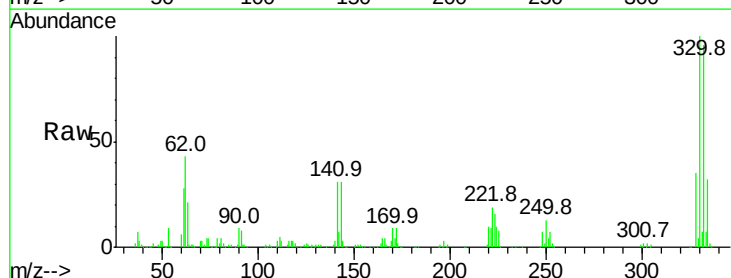


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

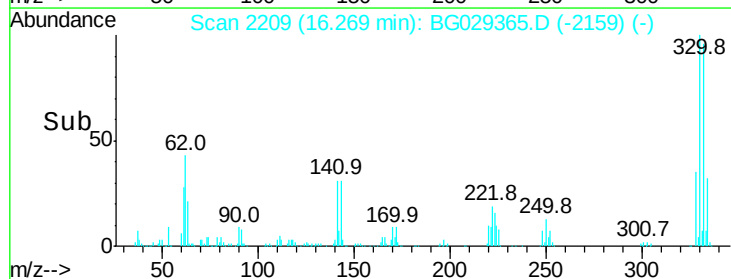
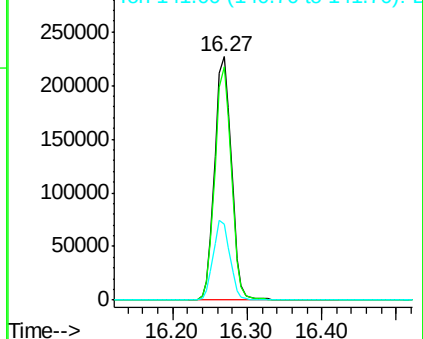


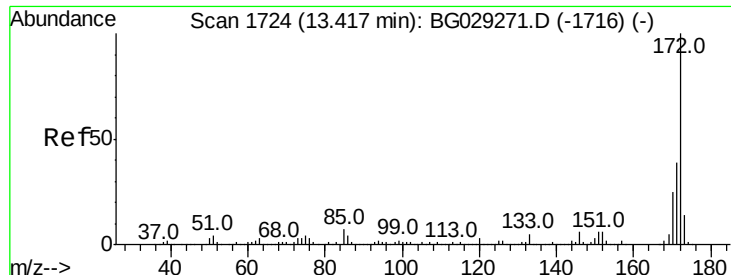
#41
2,4,6-Tribromophenol
Concen: 157.705 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:330 Resp: 355092
Ion Ratio Lower Upper
330 100
332 93.7 77.0 115.6
141 32.4 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

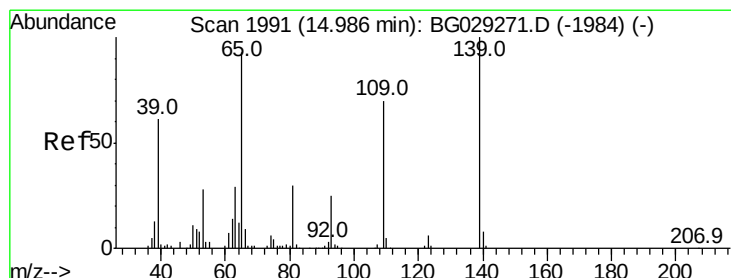
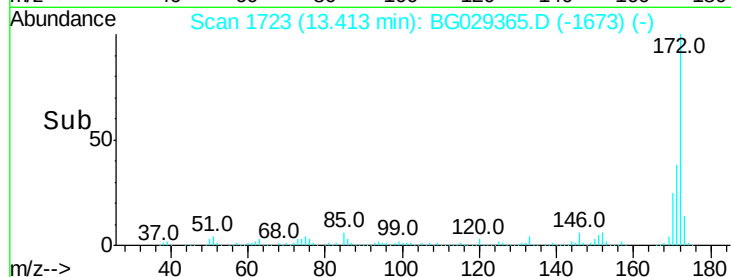
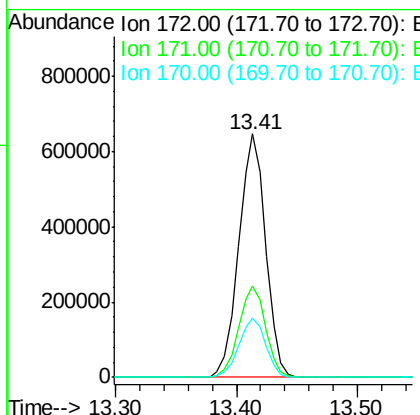
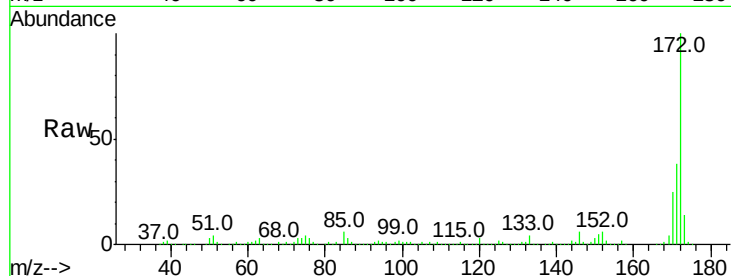




#44
 2-Fluorobiphenyl
 Concen: 84.021 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029365.D
 Acq: 19 Oct 2017 14:36

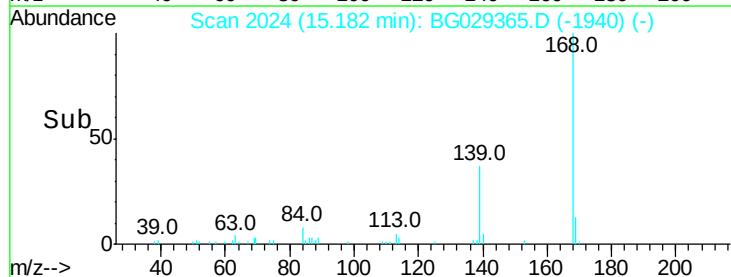
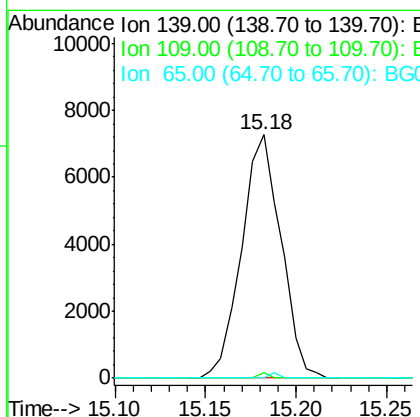
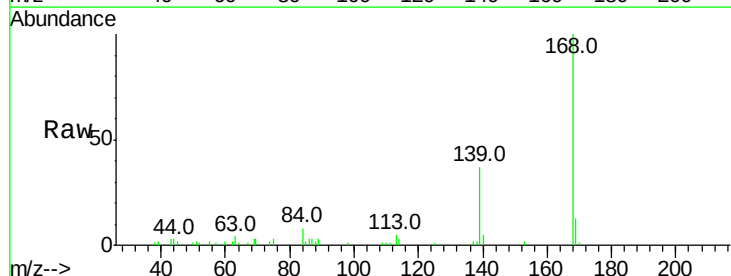
Instrument :
 BNA_G
 ClientSampled :

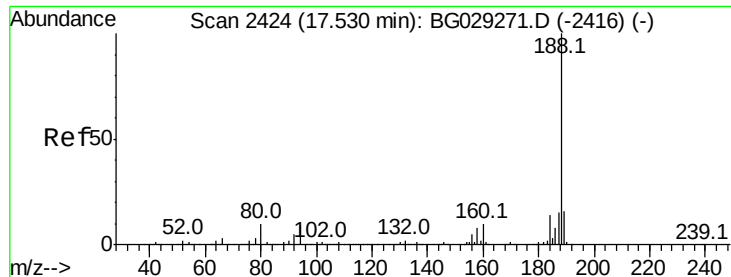
Tot Ion:172 Resp: 999071
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.6 19.5 29.3



#55
 4-Nitrophenol
 Concen: 4.323 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. 0.20 min
 Lab File: BG029365.D
 Acq: 19 Oct 2017 14:36

Tgt Ion:139 Resp: 10971
 Ion Ratio Lower Upper
 139 100
 109 2.2 62.2 102.2#
 65 0.0 97.2 137.2#

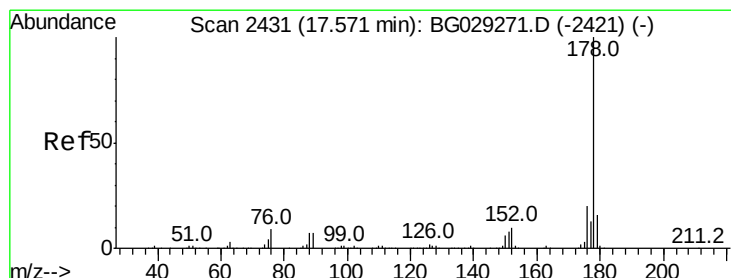
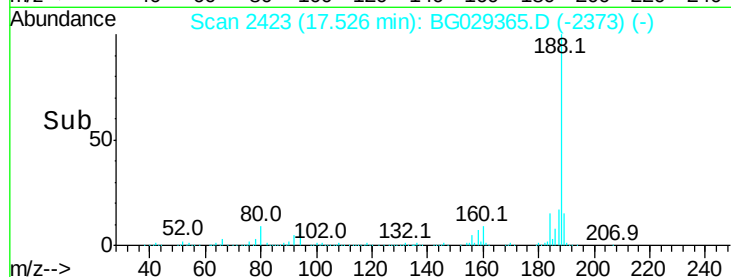
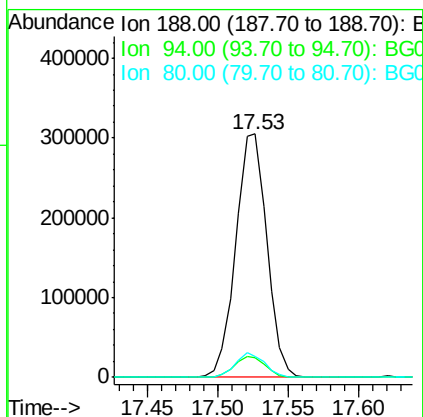
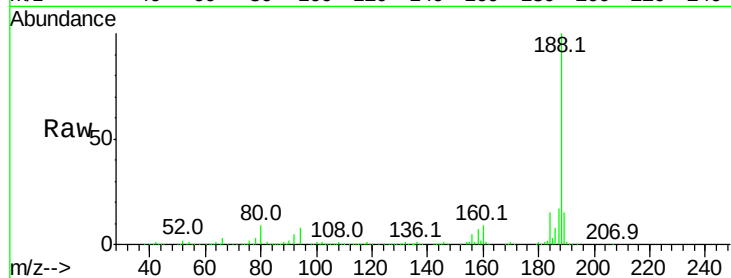




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG029365.D
 Acq: 19 Oct 2017 14:36

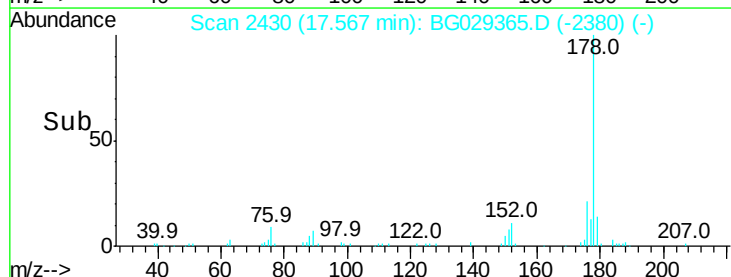
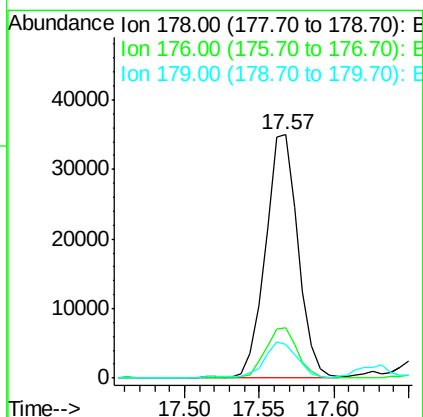
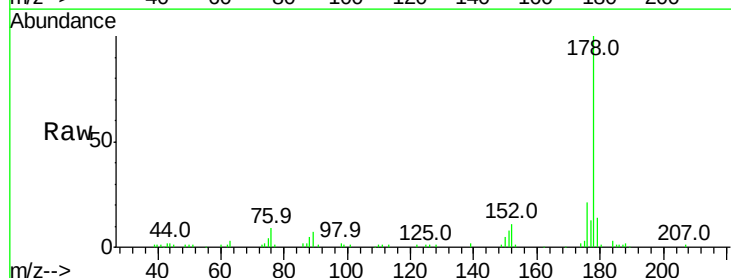
Instrument :
 BNA_G
 ClientSampleId :

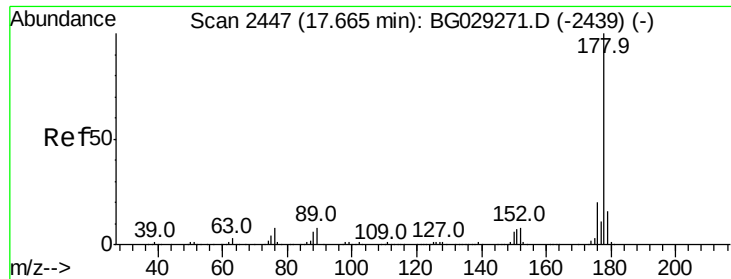
Tot Ion:188 Resp: 470168
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 8.5 7.7 11.5



#70
 Phenanthrene
 Concen: 2.174 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG029365.D
 Acq: 19 Oct 2017 14:36

Tgt Ion:178 Resp: 52799
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.7 23.5
 179 13.8 12.5 18.7





#71

Anthracene

Concen: 2.165 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.10 min

Lab File: BG029365.D

Acq: 19 Oct 2017 14:36

Instrument :

BNA_G

ClientSampleId :

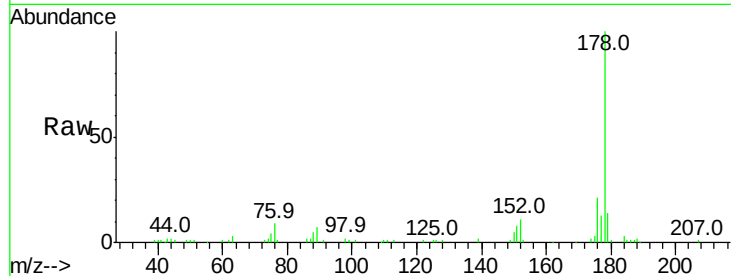
Tot Ion:178 Resp: 52799

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

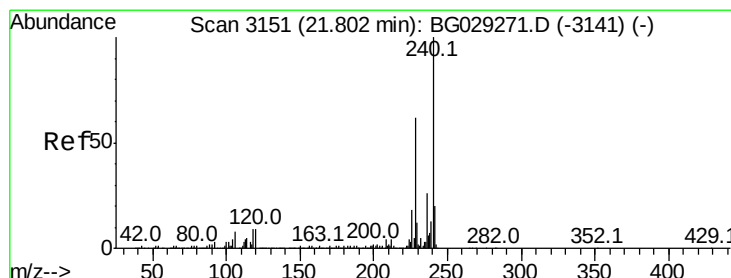
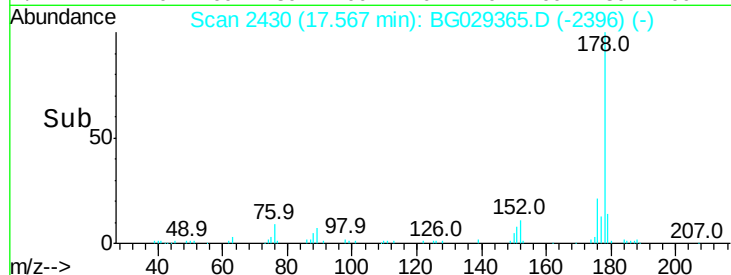
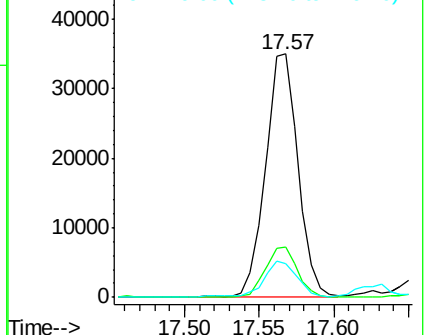
179 13.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029365.D

Acq: 19 Oct 2017 14:36

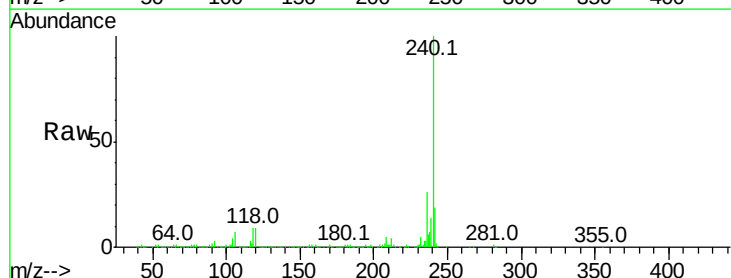
Tgt Ion:240 Resp: 538754

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

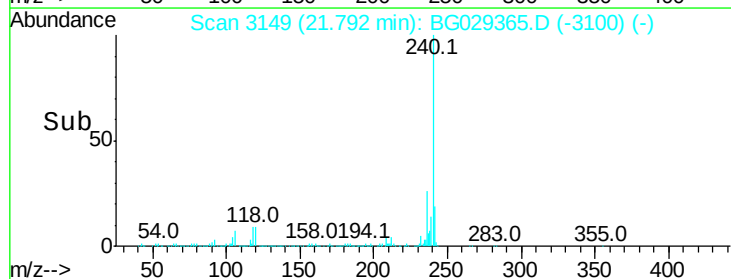
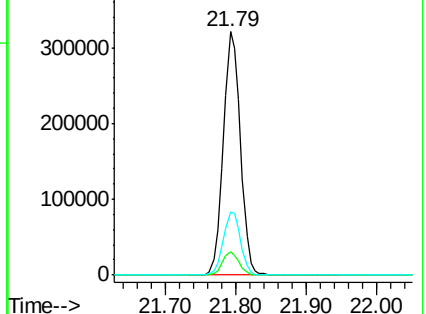
236 25.9 20.9 31.3

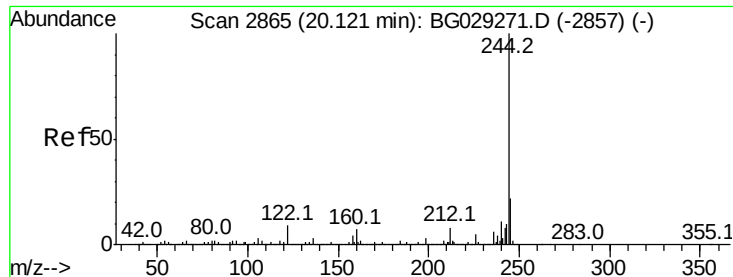


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.726 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029365.D

Acq: 19 Oct 2017 14:36

Instrument :

BNA_G

ClientSampleId :

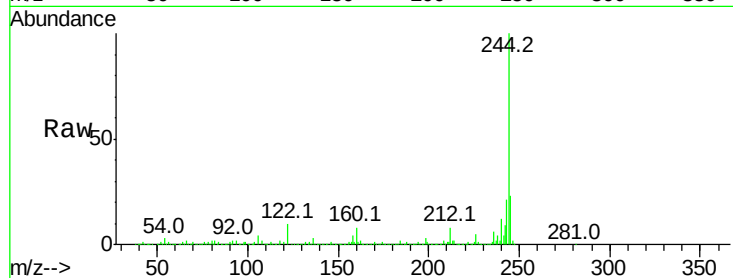
Tot Ion:244 Resp: 1888091

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

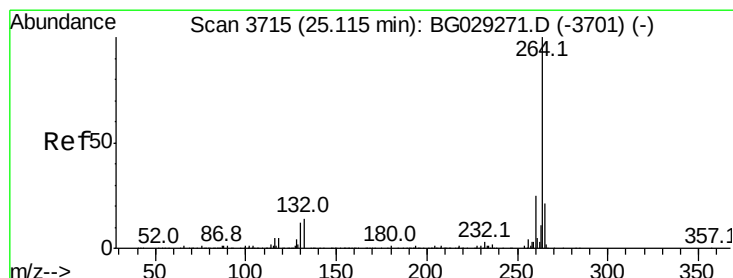
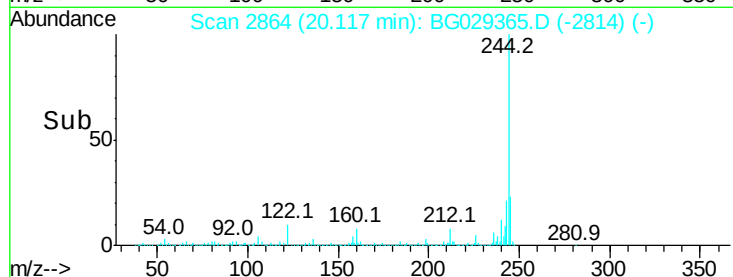
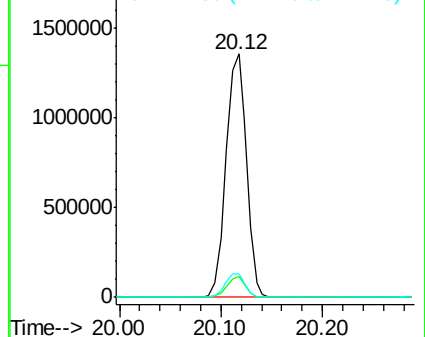
122 9.8 7.0 10.4



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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG029365.D

Acq: 19 Oct 2017 14:36

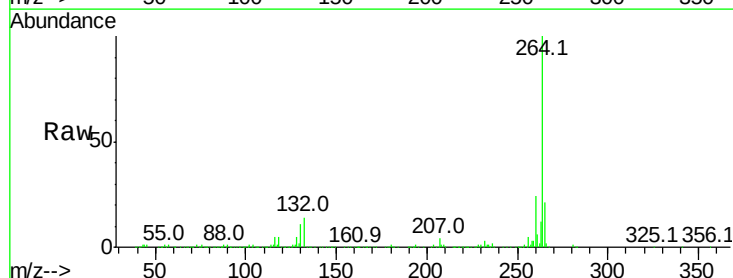
Tgt Ion:264 Resp: 551535

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.9 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

