

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029372.D
 Acq On : 20 Oct 2017 14:48
 Operator : SJ/JU
 Sample : I5922-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 20 18:34:04 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

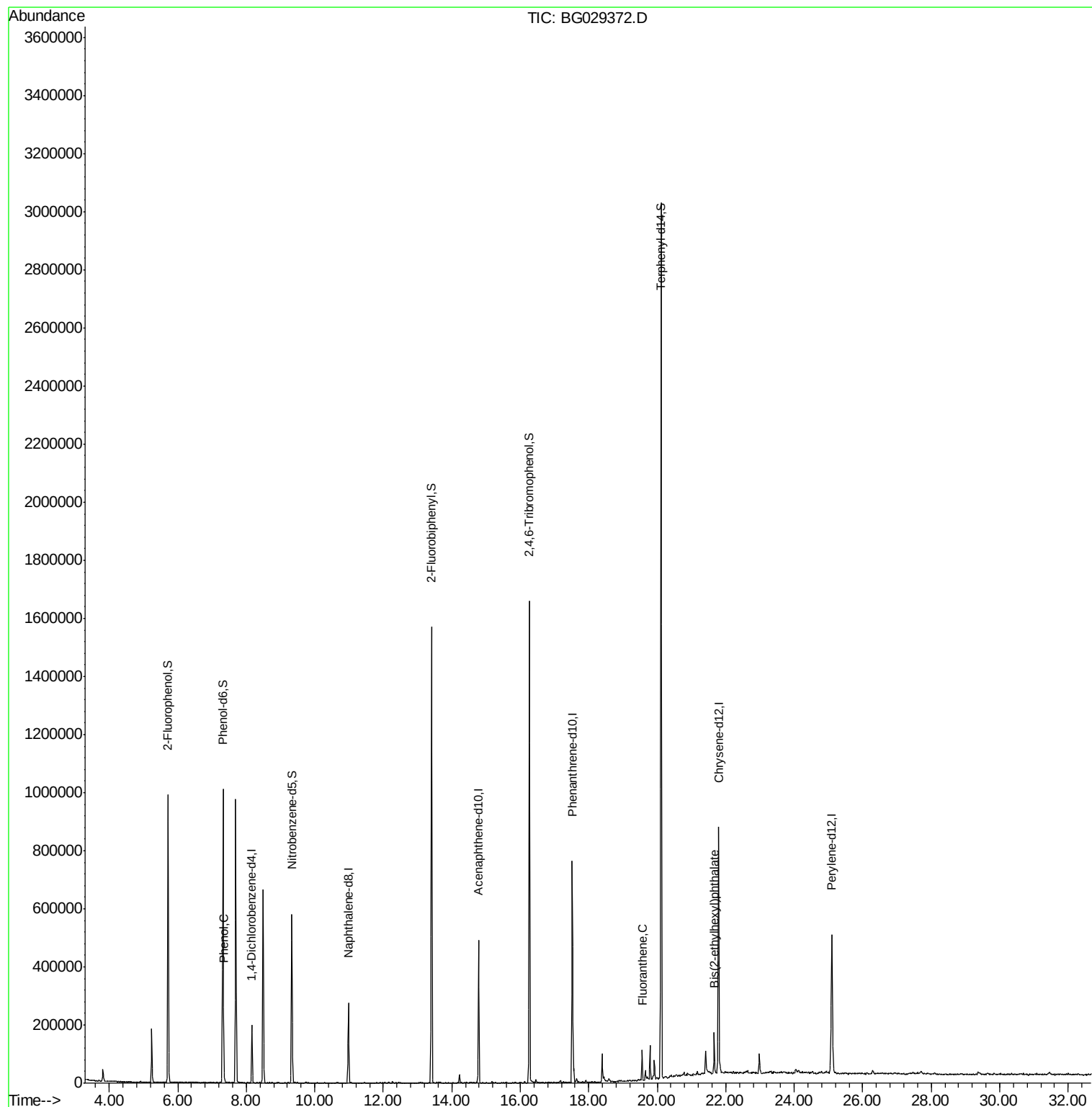
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55693	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	253305	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	172415	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	464027	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	516074	20.00	ng	-0.01
86) Perylene-d12	25.10	264	530559	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	446366	133.89	ng	0.00
7) Phenol-d6	7.32	99	603608	128.99	ng	0.00
23) Nitrobenzene-d5	9.33	82	349824	87.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	356293	160.06	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	824288	70.12	ng	0.00
78) Terphenyl-d14	20.11	244	1404334	61.91	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	23394	4.637	ng	93
74) Fluoranthene	19.56	202	61471	2.192	ng	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	62838	3.283	ng	# 95

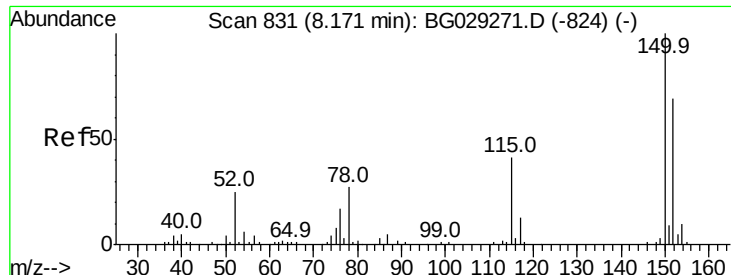
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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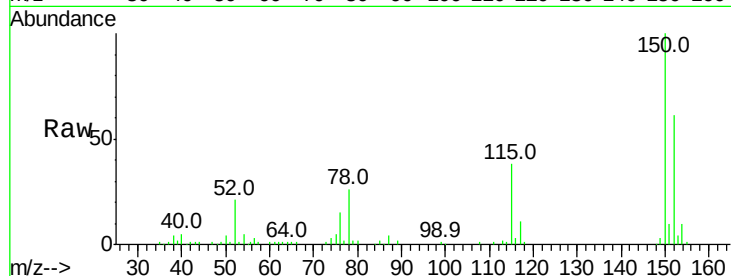


#1

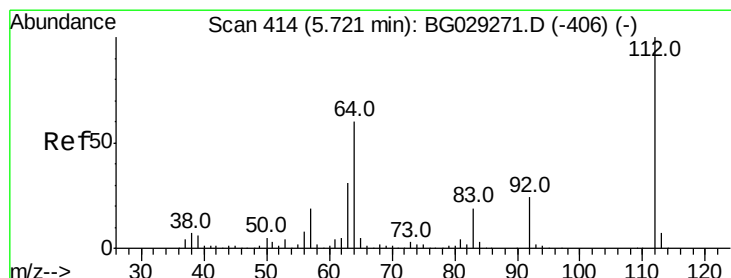
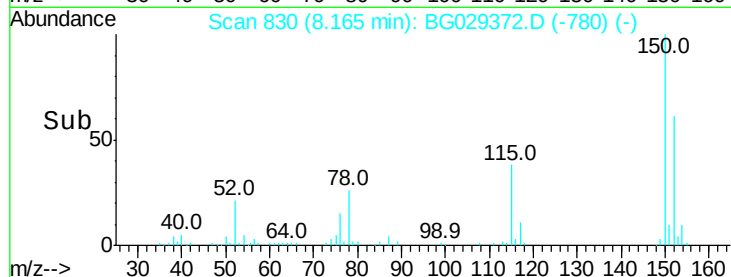
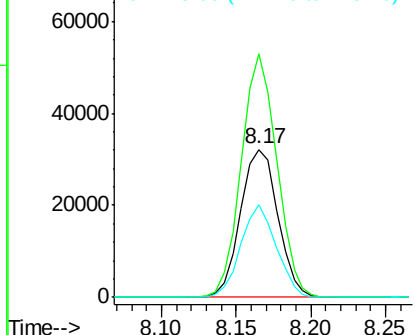
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029372.D
Acq: 20 Oct 2017 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55693
Ion Ratio Lower Upper
152 100
150 164.8 126.6 189.8
115 62.8 53.0 79.4



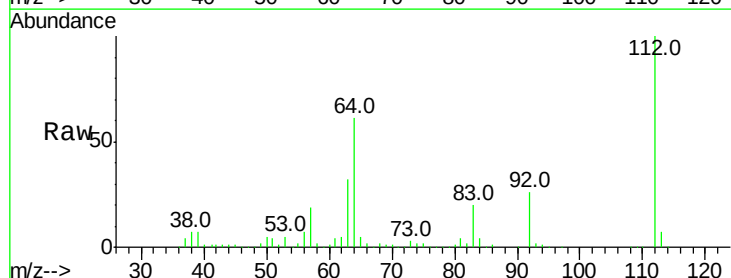
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



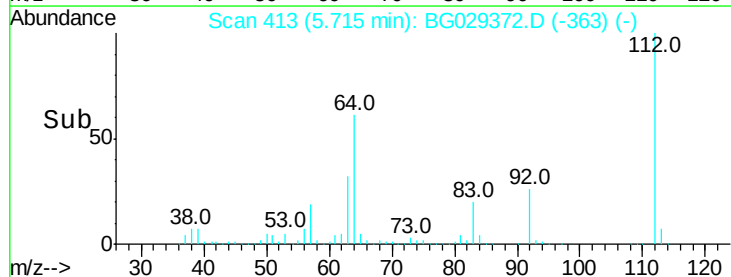
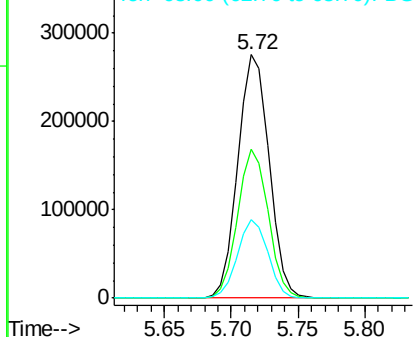
#5

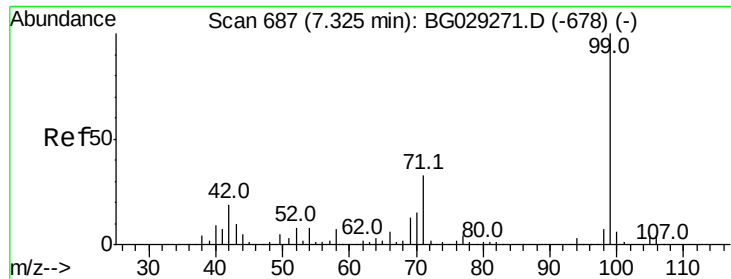
2-Fluorophenol
Concen: 133.891 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029372.D
Acq: 20 Oct 2017 14:48

Tgt Ion:112 Resp: 446366
Ion Ratio Lower Upper
112 100
64 61.1 56.3 84.5
63 32.0 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: 128.989 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

Instrument :

BNA_G

ClientSampled :

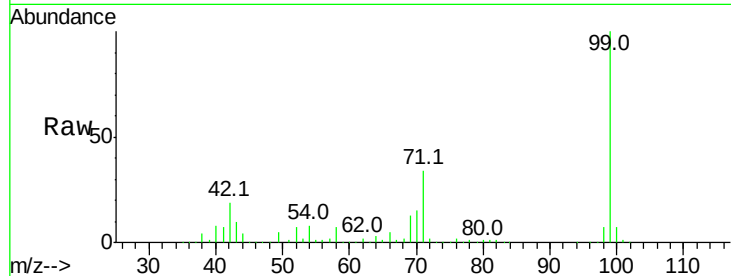
Tot Ion: 99 Resp: 603608

Ion Ratio Lower Upper

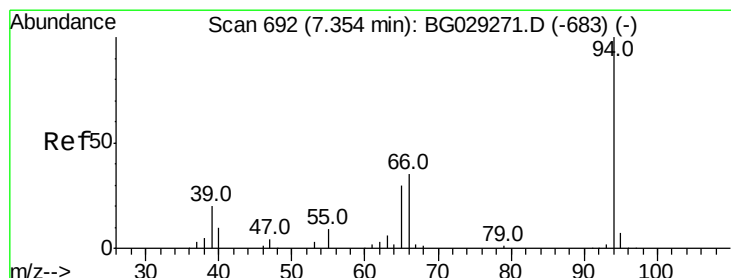
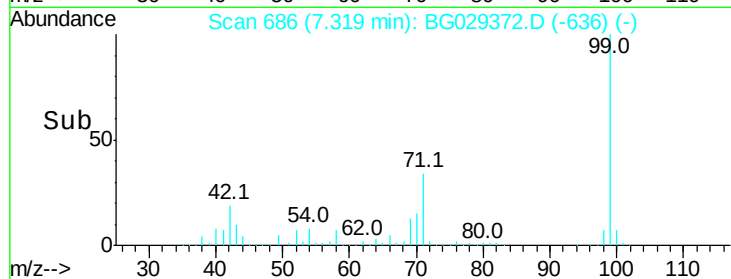
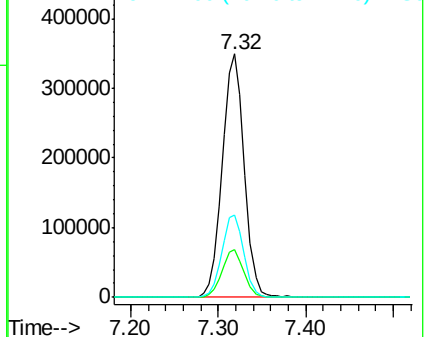
99 100

42 19.4 14.1 21.1

71 33.9 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: 4.637 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

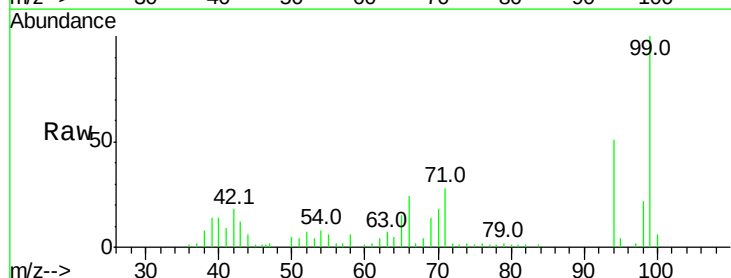
Tgt Ion: 94 Resp: 23394

Ion Ratio Lower Upper

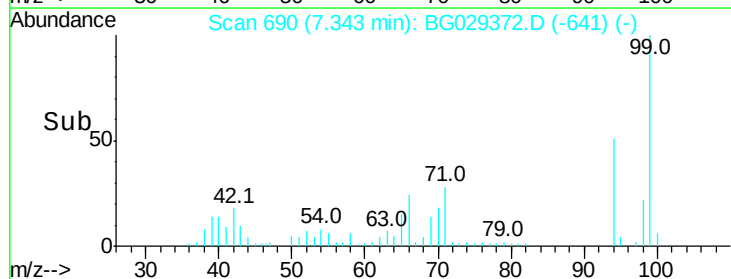
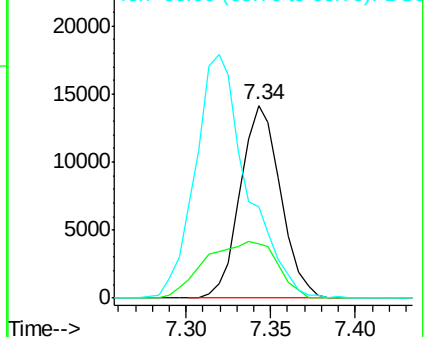
94 100

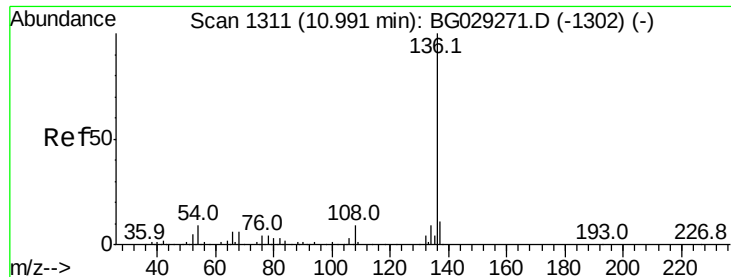
65 28.3 11.9 51.9

66 47.1 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

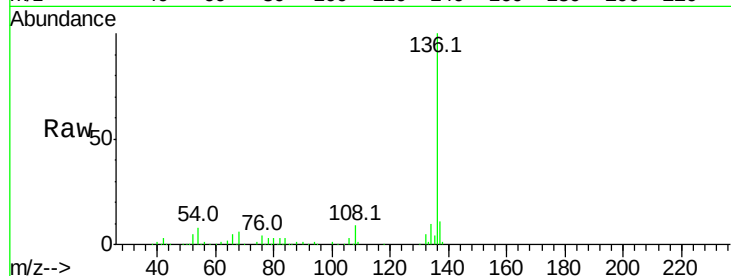




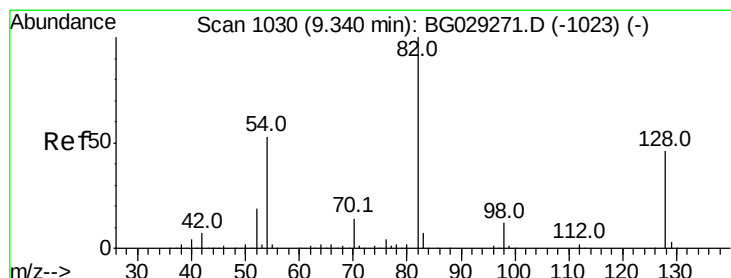
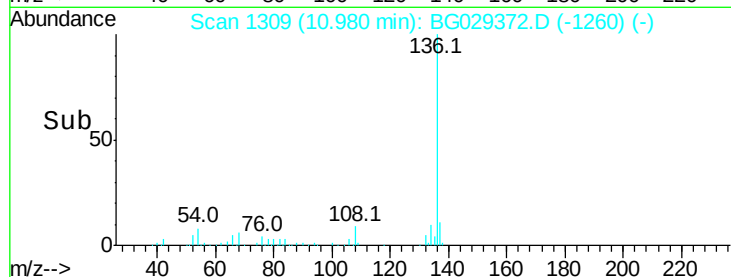
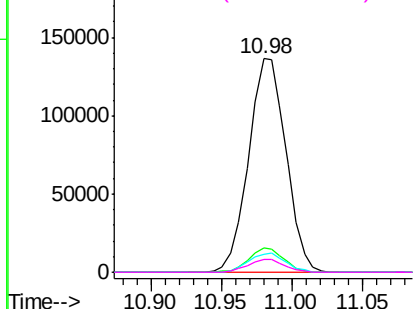
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029372.D
Acq: 20 Oct 2017 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253305
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.4	10.3 15.5#
68	5.9	4.5 6.7

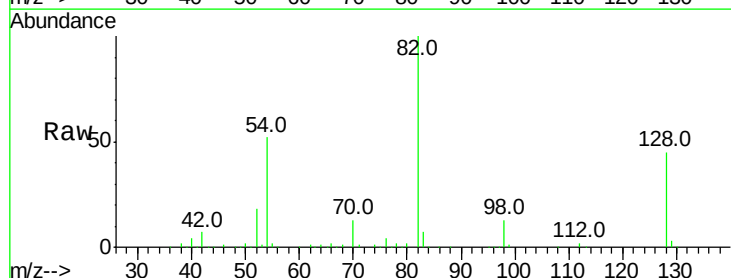


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

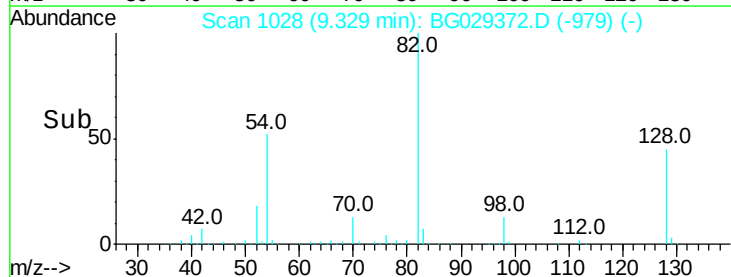
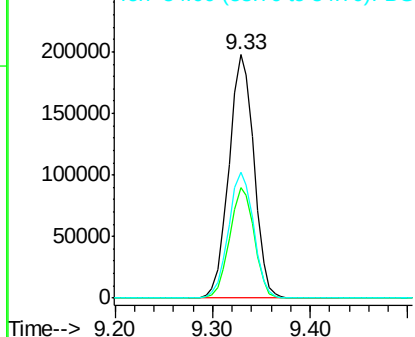


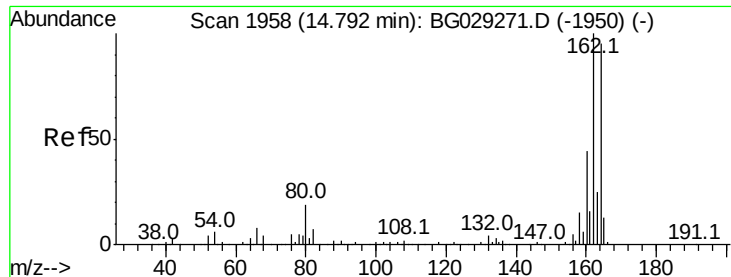
#23
Nitrobenzene-d5
Concen: 87.761 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029372.D
Acq: 20 Oct 2017 14:48

Tgt Ion: 82	Resp:	349824
Ion Ratio	Lower	Upper
82	100	
128	45.2	29.7 44.5#
54	51.8	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

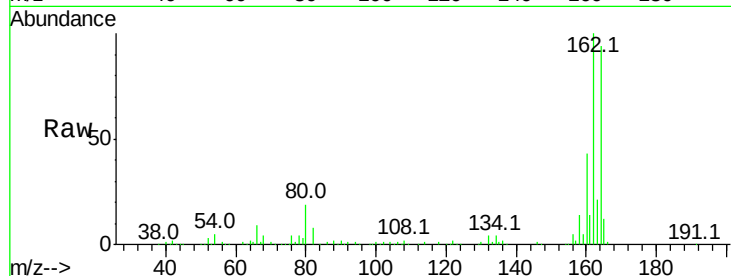




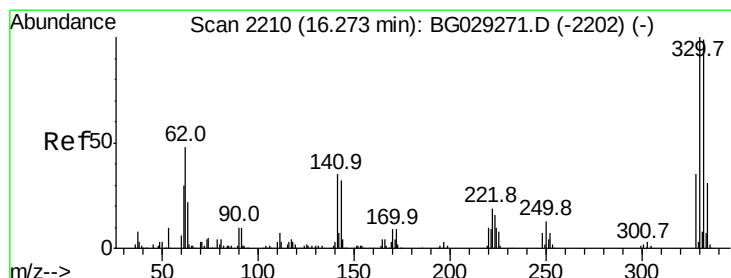
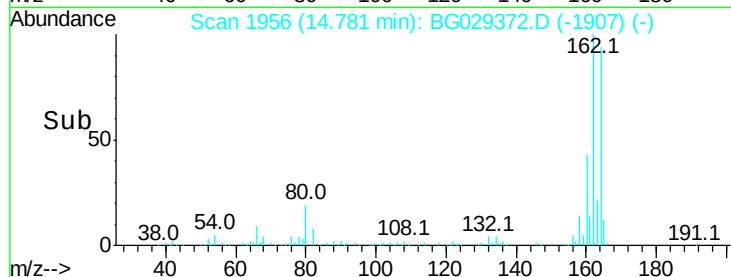
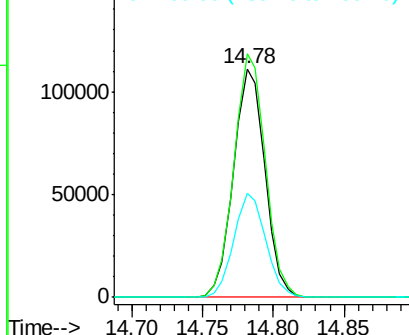
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029372.D
Acq: 20 Oct 2017 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 172415
Ion Ratio Lower Upper
164 100
162 106.6 78.8 118.2
160 45.6 35.4 53.0

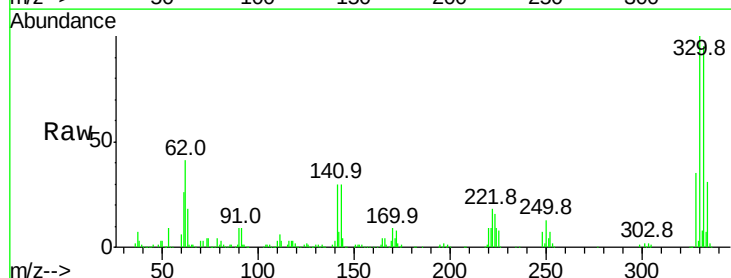


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

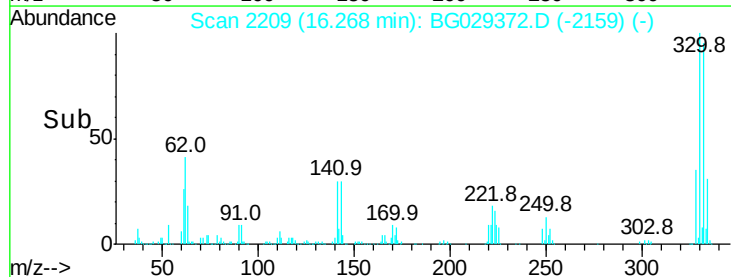
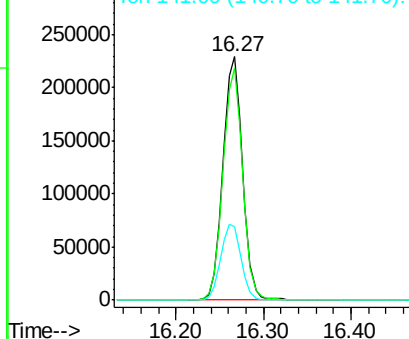


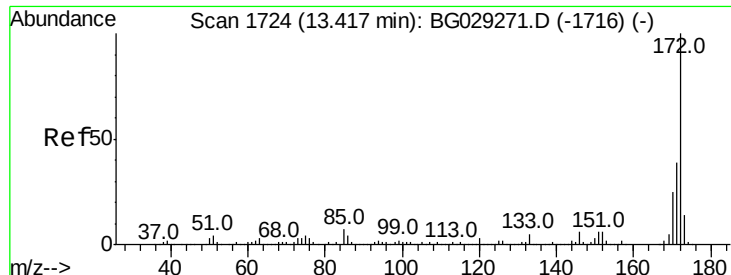
#41
2,4,6-Tribromophenol
Concen: 160.056 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029372.D
Acq: 20 Oct 2017 14:48

Tgt Ion:330 Resp: 356293
Ion Ratio Lower Upper
330 100
332 95.6 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

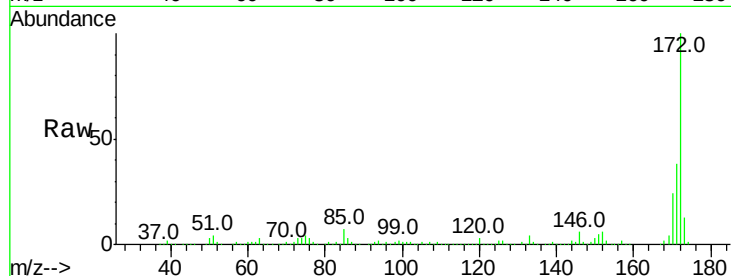




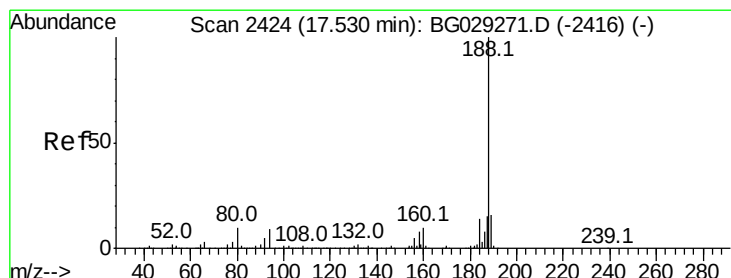
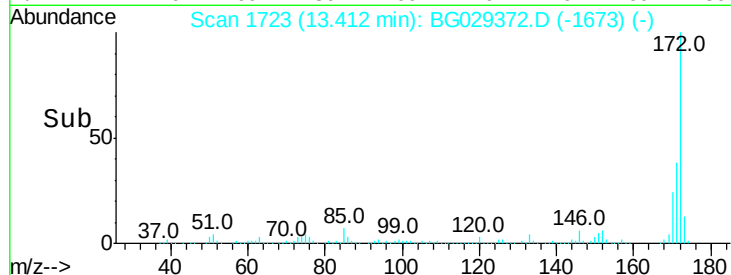
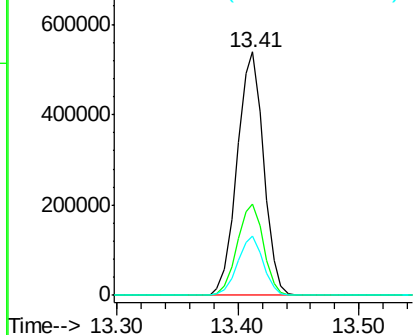
#44
 2-Fluorobiphenyl
 Concen: 70.118 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029372.D
 Acq: 20 Oct 2017 14:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 824288
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.3 19.5 29.3

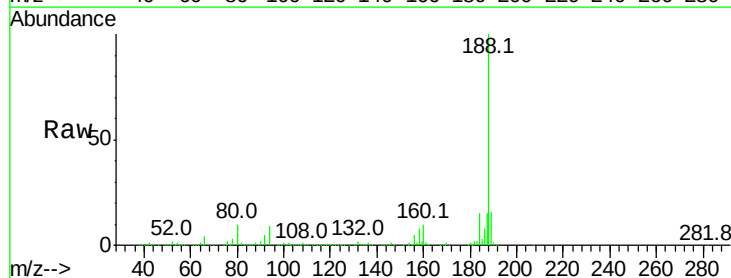


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

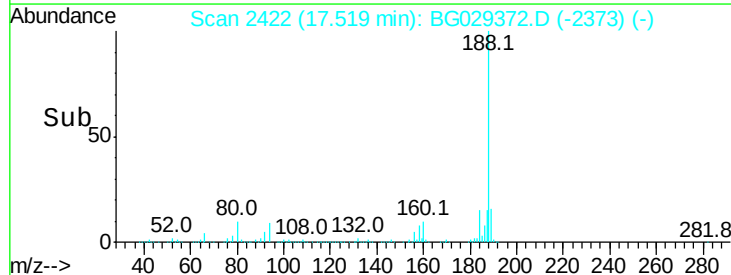
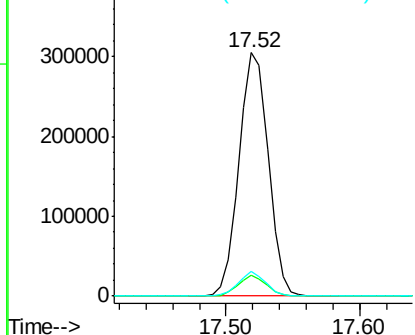


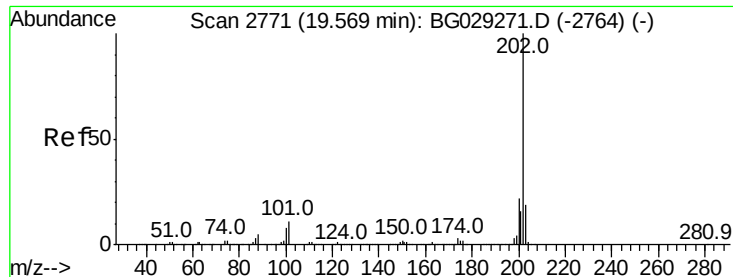
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029372.D
 Acq: 20 Oct 2017 14:48

Tgt Ion:188 Resp: 464027
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.9 10.3
 80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#74

Fluoranthene

Concen: 2.192 ng

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

Instrument :

BNA_G

ClientSampleId :

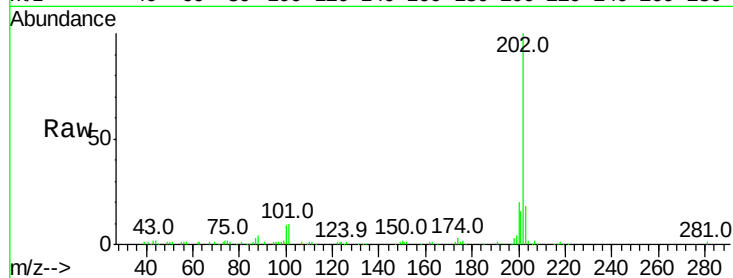
Tot Ion:202 Resp: 61471

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.9

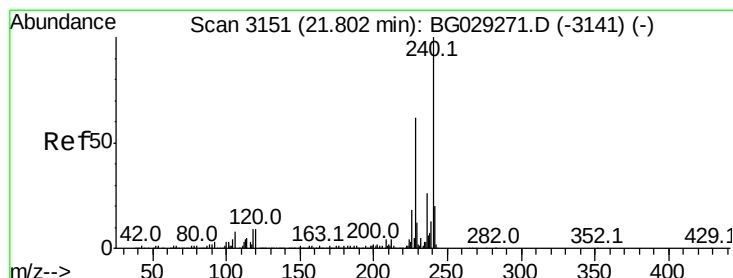
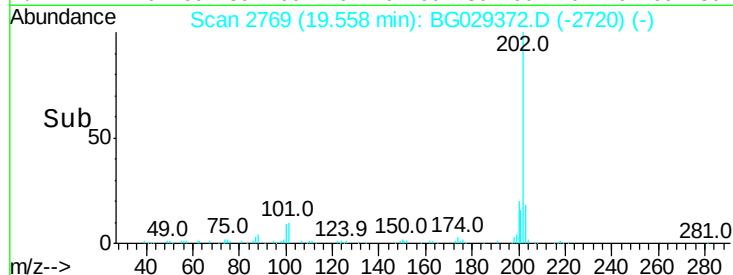
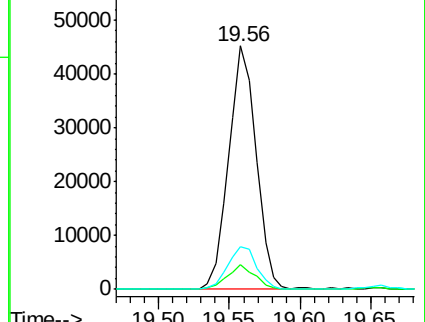
203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

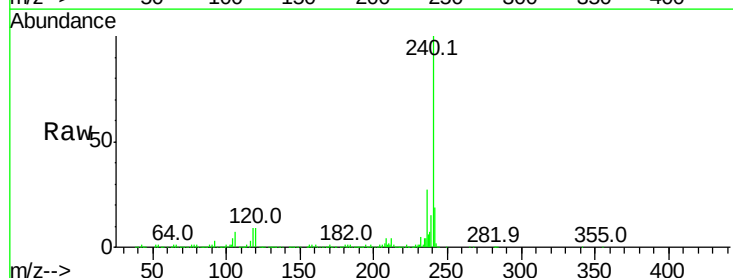
Tgt Ion:240 Resp: 516074

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

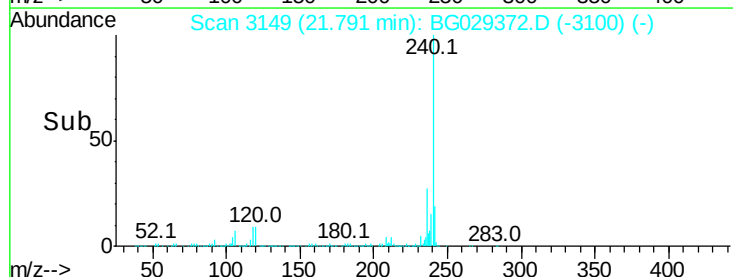
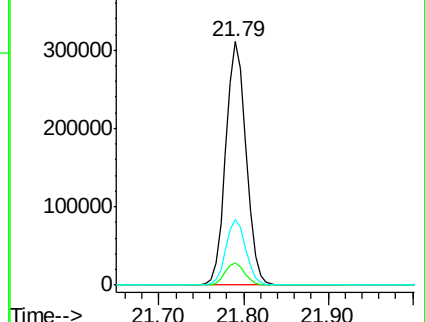
236 26.8 20.9 31.3

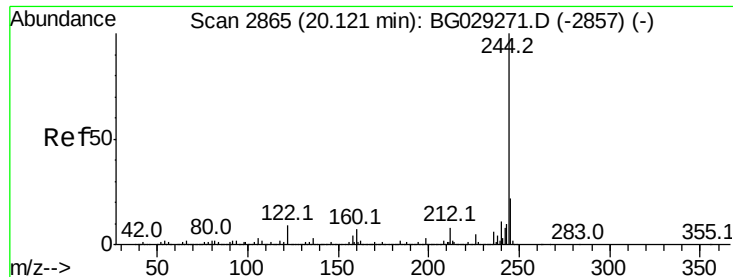


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.905 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

Instrument :

BNA_G

ClientSampled :

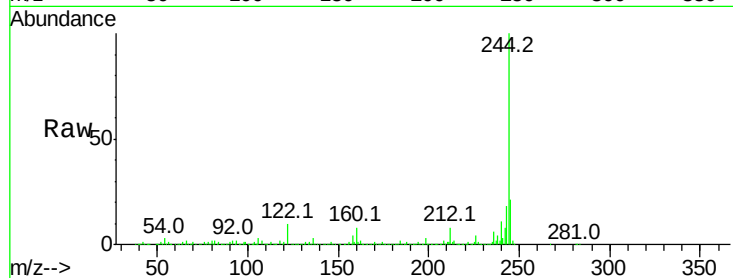
Tot Ion:244 Resp: 1404334

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

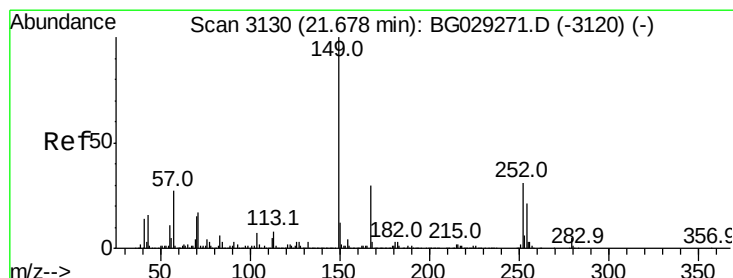
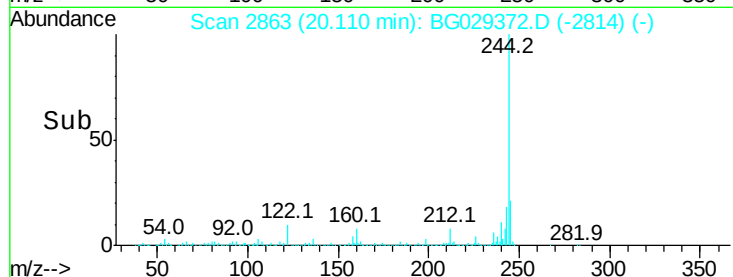
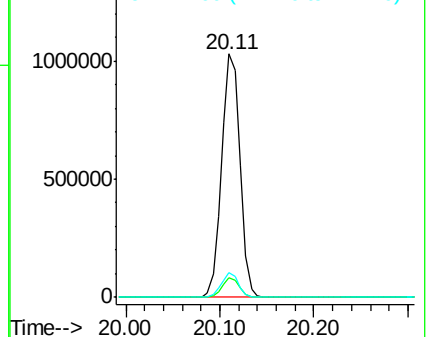
122 10.1 7.0 10.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.283 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG029372.D

Acq: 20 Oct 2017 14:48

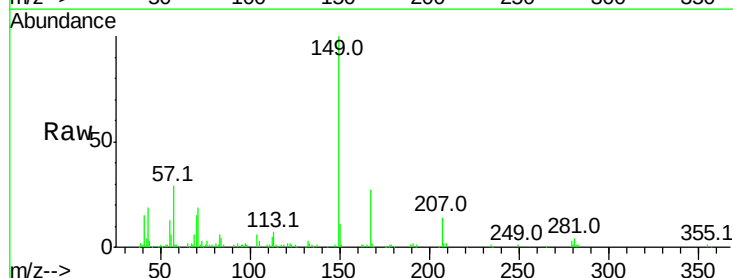
Tgt Ion:149 Resp: 62838

Ion Ratio Lower Upper

149 100

167 27.4 24.3 36.5

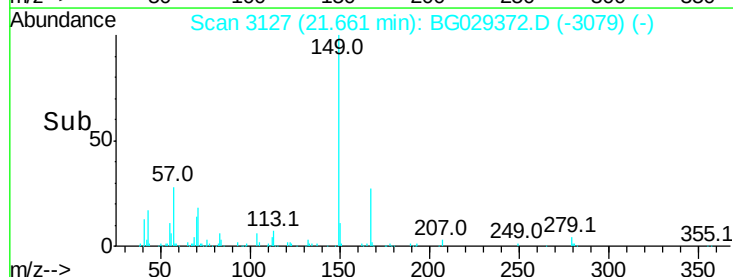
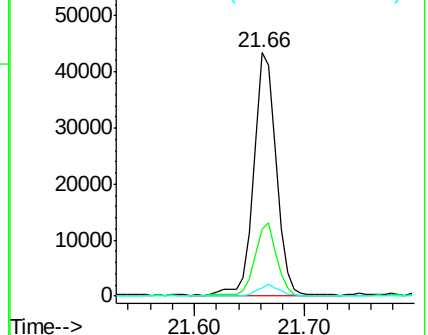
279 3.5 4.0 6.0#

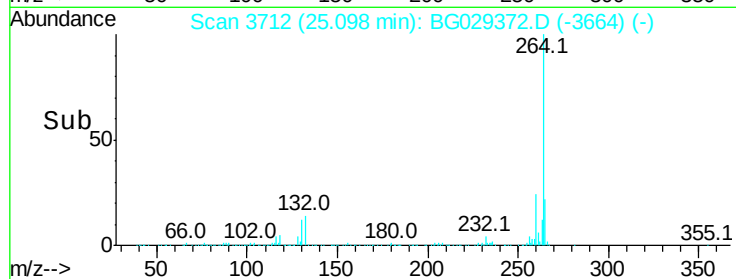
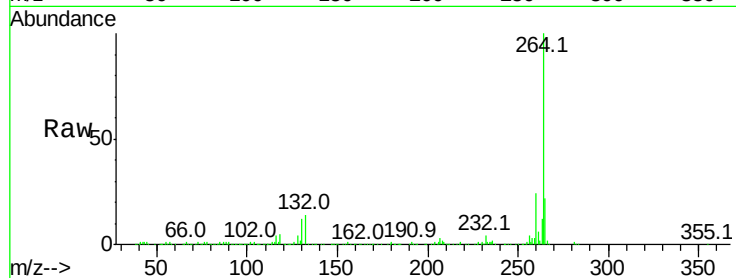
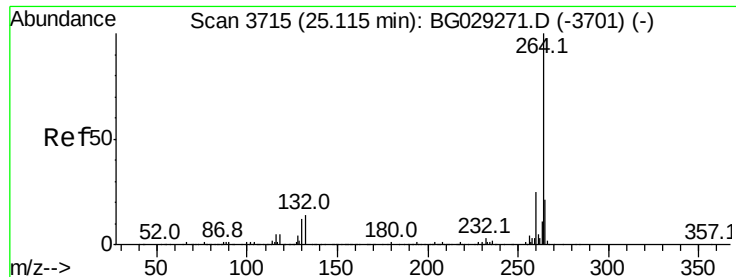


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG029372.D
 Acq: 20 Oct 2017 14:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.7	17.7	26.5

