

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029373.D
 Acq On : 20 Oct 2017 15:28
 Operator : SJ/JU
 Sample : I5922-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)

Quant Time: Oct 20 18:34:14 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

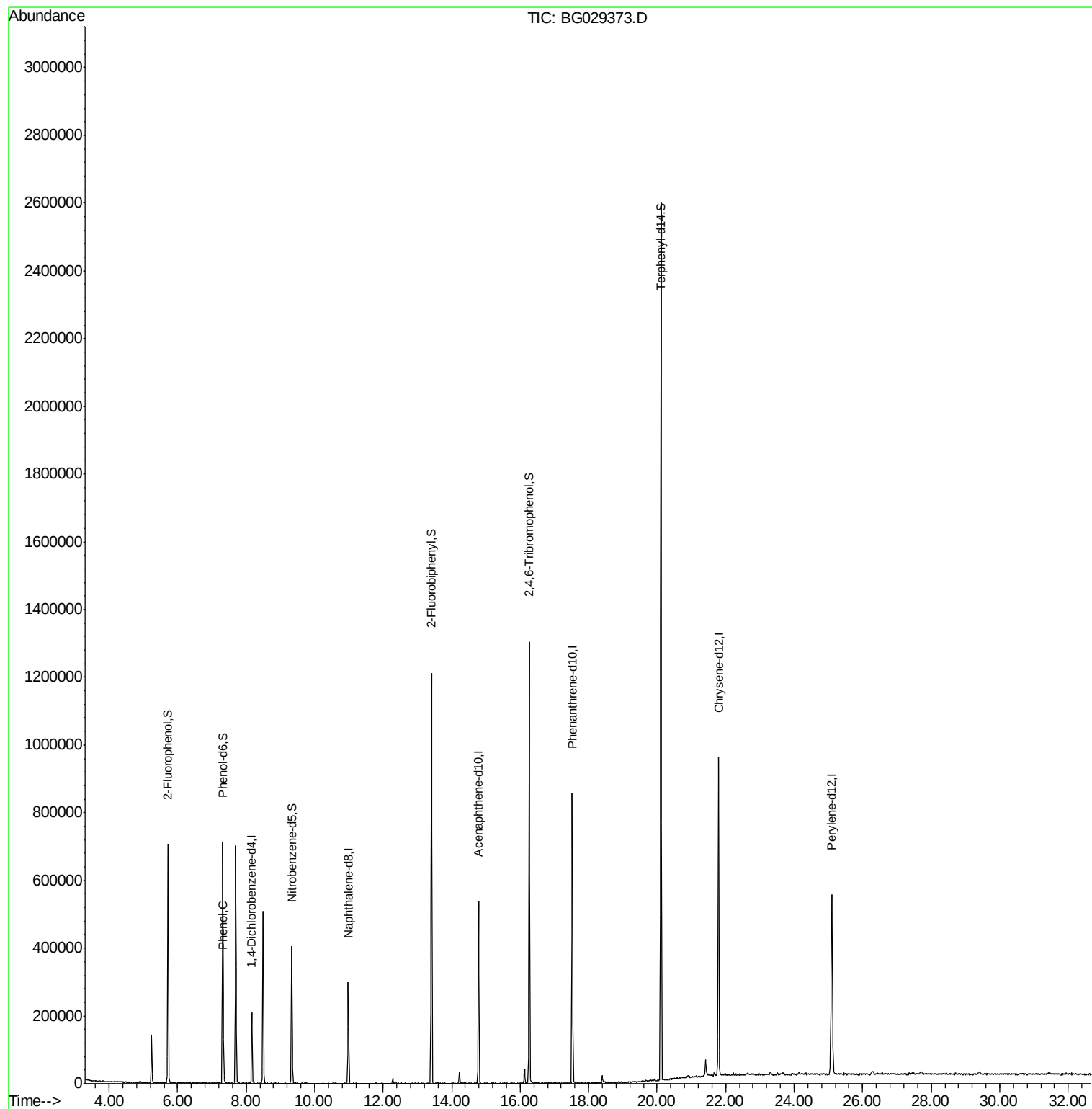
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62077	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	270889	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	185093	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	515992	20.00	ng	0.00
75) Chrysene-d12	21.79	240	579624	20.00	ng	0.00
86) Perylene-d12	25.10	264	592069	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	318531	85.72	ng	0.00
7) Phenol-d6	7.32	99	427280	81.92	ng	0.00
23) Nitrobenzene-d5	9.33	82	241439	56.64	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	253250	105.97	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	662063	52.46	ng	0.00
78) Terphenyl-d14	20.11	244	1209167	47.46	ng	0.00
Target Compounds						
10) Phenol	7.34	94	19147	3.405	ng	Qvalue 93

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

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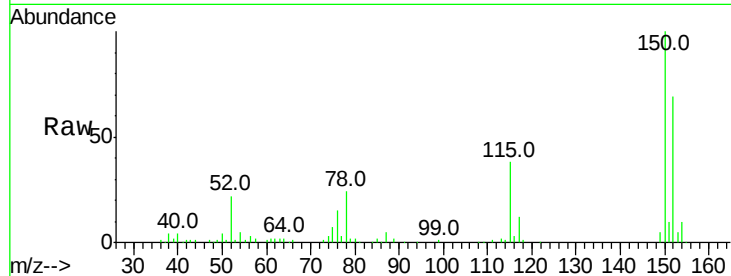


#1

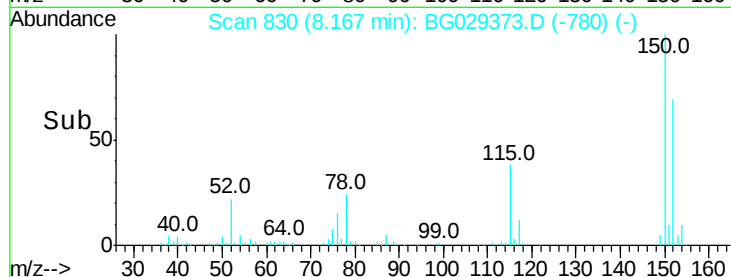
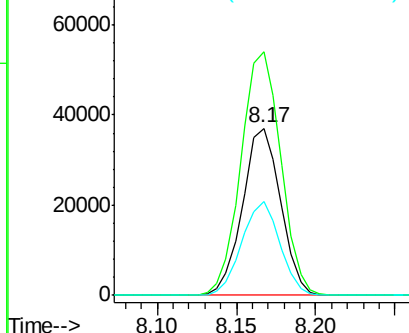
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029373.D
Acq: 20 Oct 2017 15:28

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)

Tot Ion:152 Resp: 62077
Ion Ratio Lower Upper
152 100
150 145.4 126.6 189.8
115 55.9 53.0 79.4



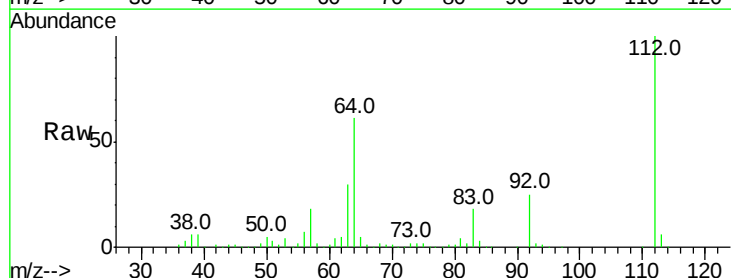
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



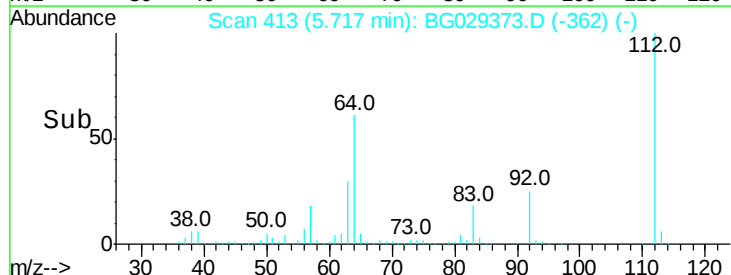
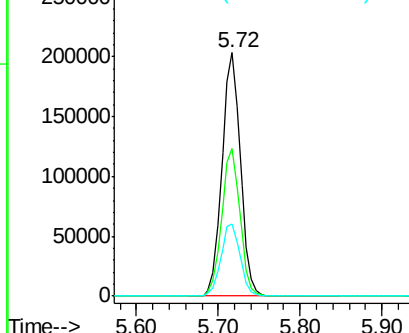
#5

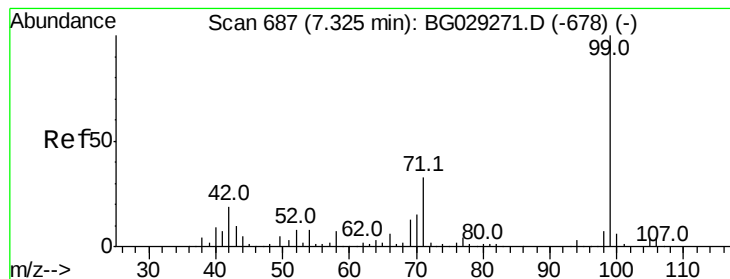
2-Fluorophenol
Concen: 85.720 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029373.D
Acq: 20 Oct 2017 15:28

Tgt Ion:112 Resp: 318531
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 29.8 30.1 45.1#



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





#7

Phenol-d6

Concen: 81.918 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029373.D

Acq: 20 Oct 2017 15:28

Instrument :

BNA_G

ClientSampleId :

ENV-115-7(0-5)

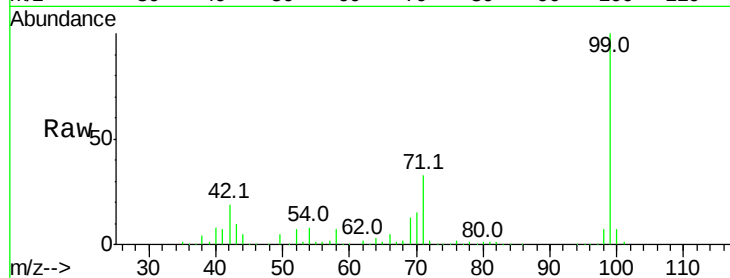
Tot Ion: 99 Resp: 427280

Ion Ratio Lower Upper

99 100

42 18.9 14.1 21.1

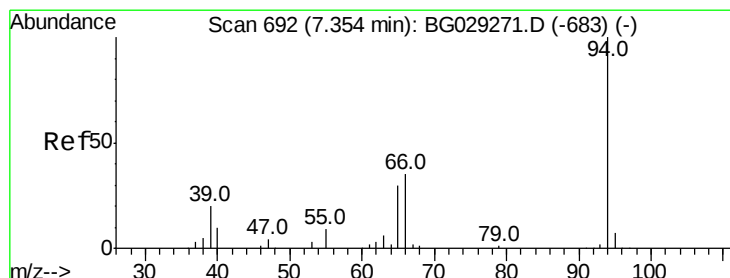
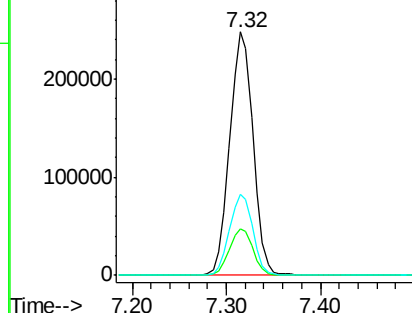
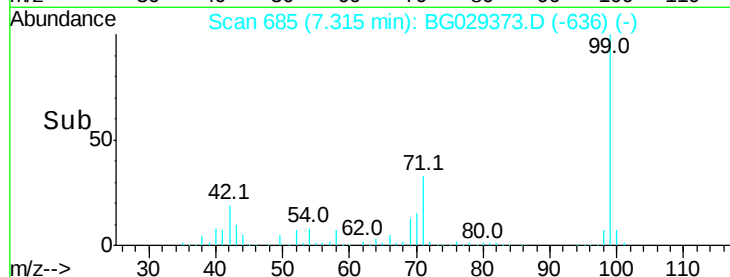
71 33.5 26.1 39.1



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: 3.405 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG029373.D

Acq: 20 Oct 2017 15:28

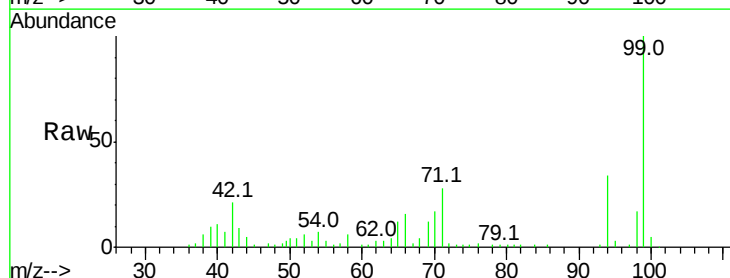
Tgt Ion: 94 Resp: 19147

Ion Ratio Lower Upper

94 100

65 34.0 11.9 51.9

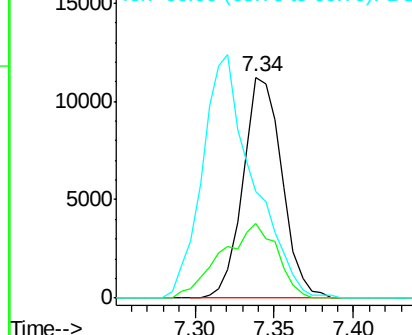
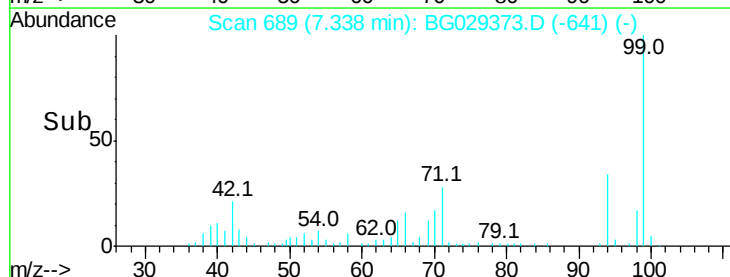
66 48.2 22.2 62.2



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

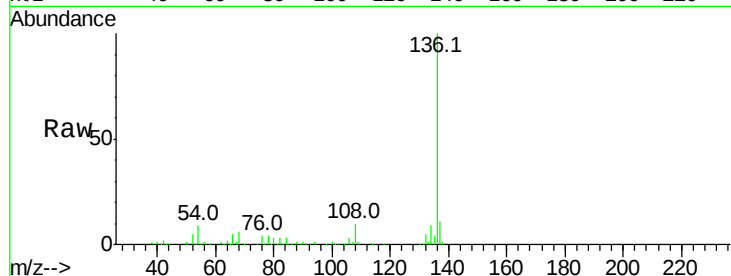




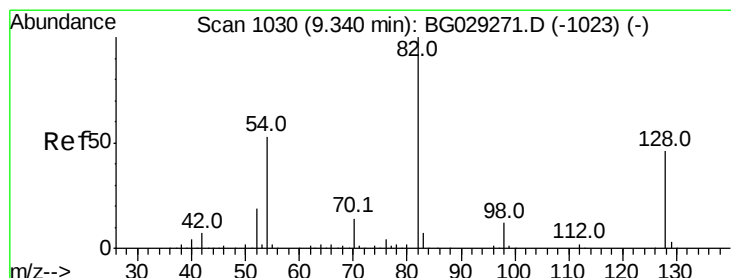
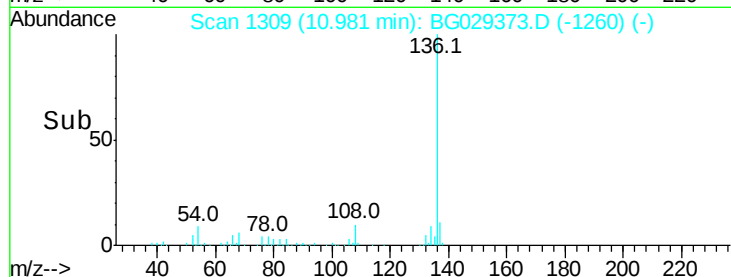
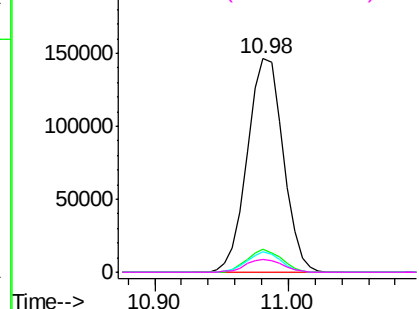
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029373.D
Acq: 20 Oct 2017 15:28

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)

Tot Ion:136	Resp:	270889
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	9.3	10.3 15.5#
68	5.9	4.5 6.7

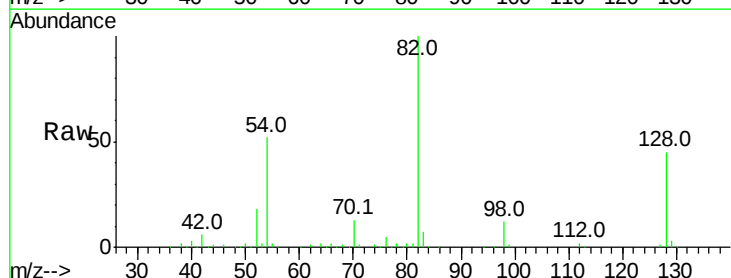


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

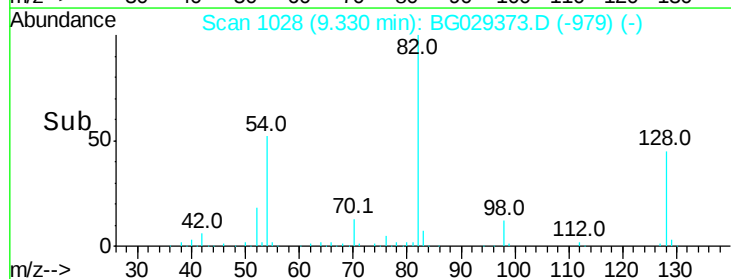
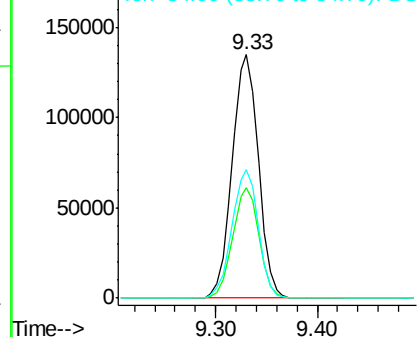


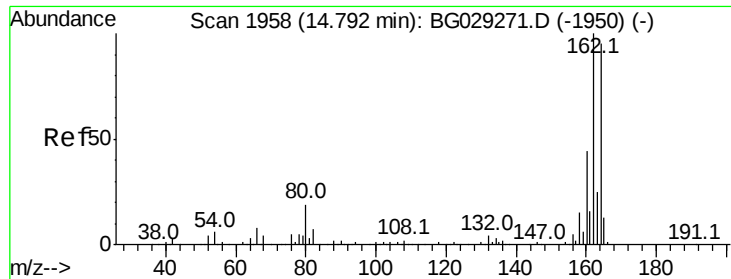
#23
Nitrobenzene-d5
Concen: 56.639 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029373.D
Acq: 20 Oct 2017 15:28

Tgt Ion: 82	Resp:	241439
Ion	Ratio	Lower Upper
82	100	
128	45.5	29.7 44.5#
54	52.5	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: BG029373.D

Acq: 20 Oct 2017 15:28

Instrument :

BNA_G

ClientSampleId :

ENV-115-7(0-5)

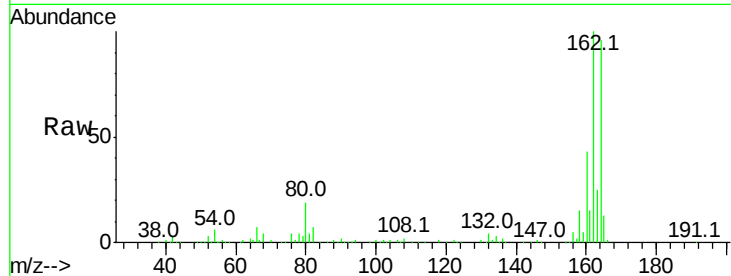
Tot Ion:164 Resp: 185093

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

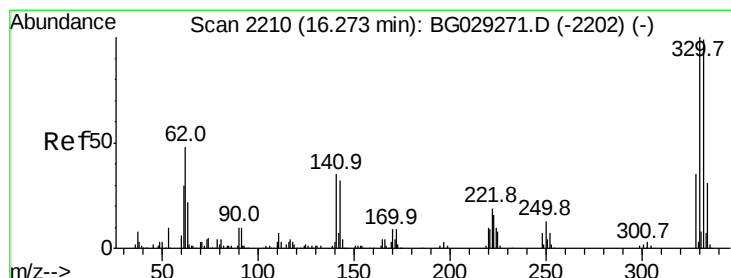
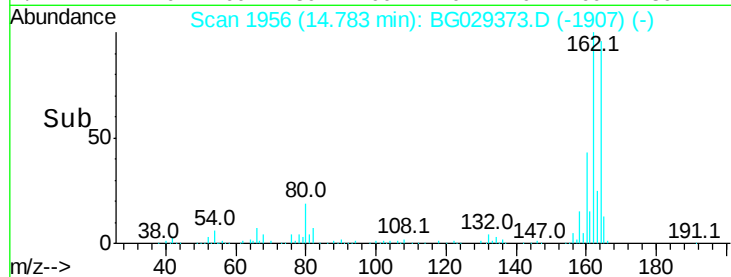
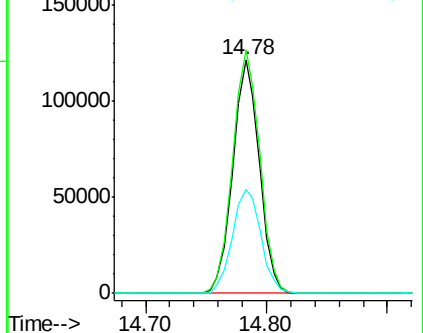
160 44.7 35.4 53.0



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: 105.974 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG029373.D

Acq: 20 Oct 2017 15:28

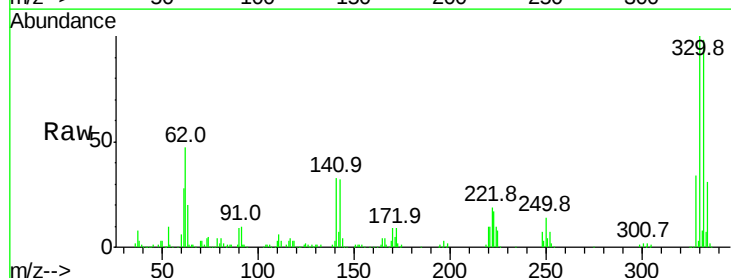
Tgt Ion:330 Resp: 253250

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

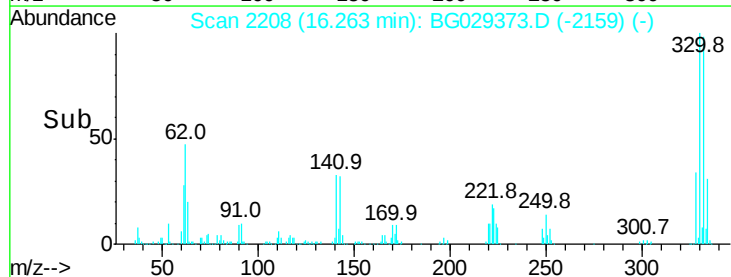
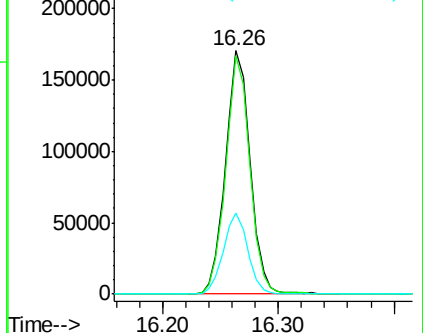
141 33.1 25.2 37.8



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



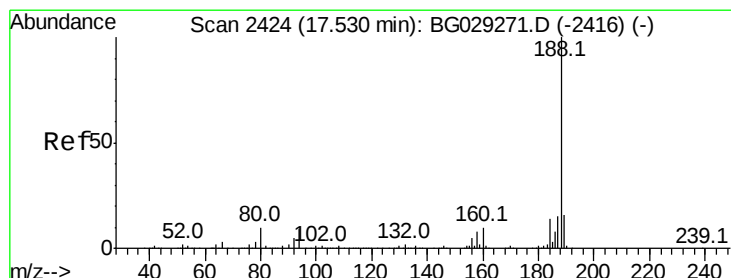
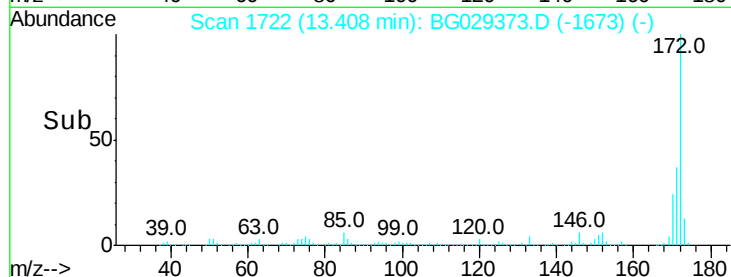
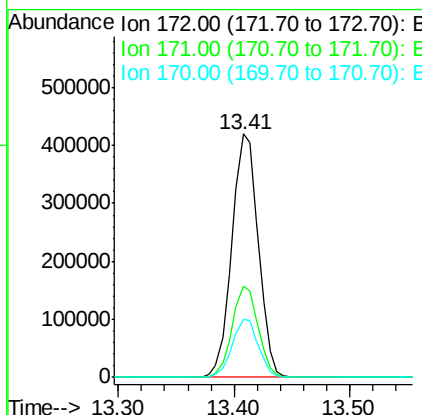
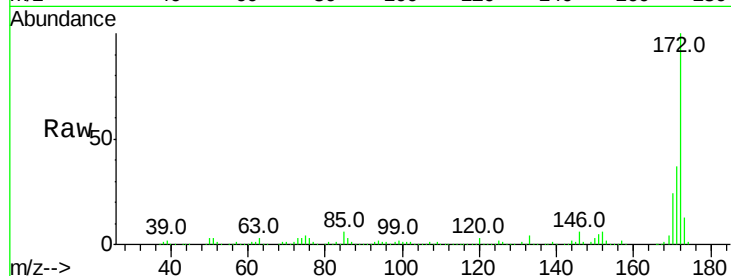


#44
 2-Fluorobiphenyl
 Concen: 52.461 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029373.D
 Acq: 20 Oct 2017 15:28

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)

Tot Ion:172 Resp: 662063

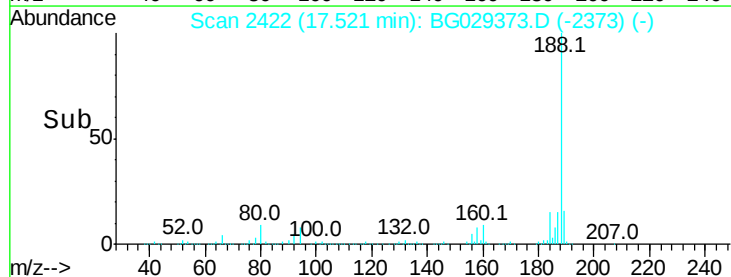
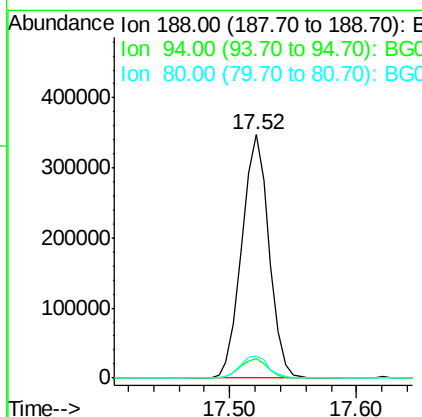
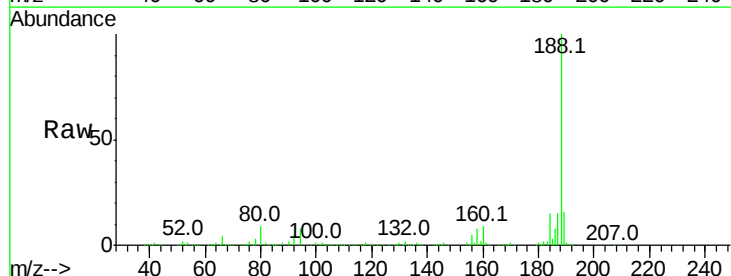
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.8	19.5	29.3

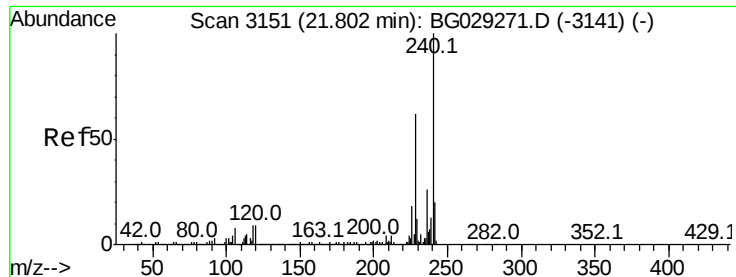


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029373.D
 Acq: 20 Oct 2017 15:28

Tgt Ion:188 Resp: 515992

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.4	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029373.D

Acq: 20 Oct 2017 15:28

Instrument :

BNA_G

ClientSampleId :

ENV-115-7(0-5)

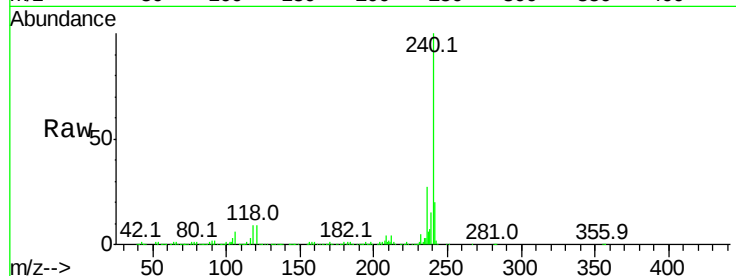
Tot Ion:240 Resp: 579624

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

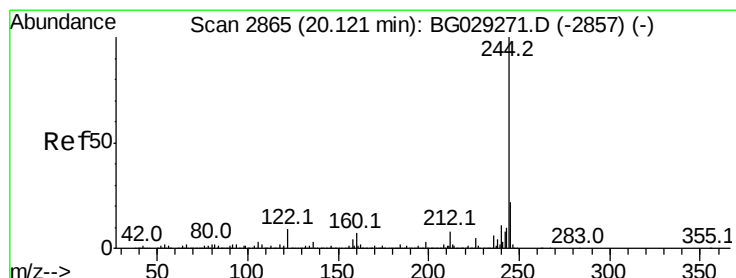
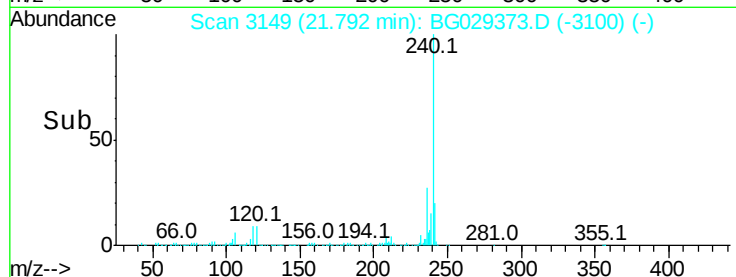
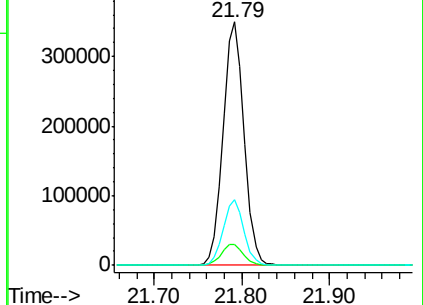
236 26.8 20.9 31.3



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: 47.458 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029373.D

Acq: 20 Oct 2017 15:28

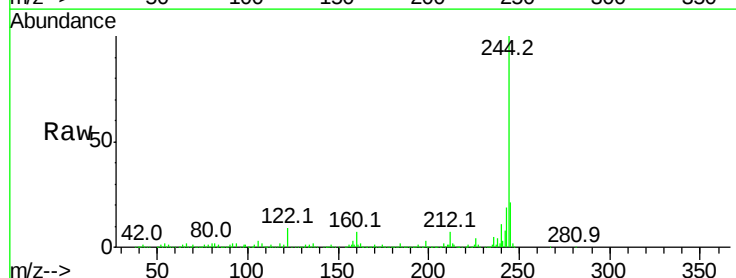
Tgt Ion:244 Resp: 1209167

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

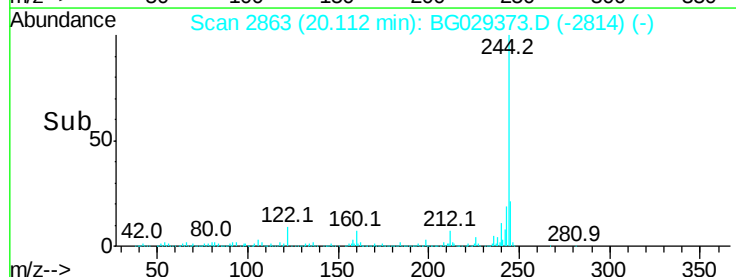
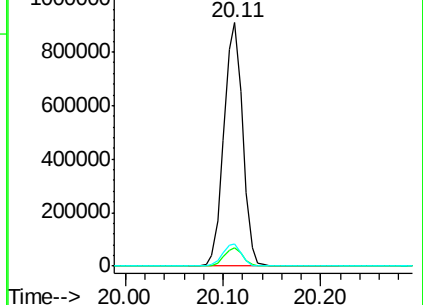
122 9.4 7.0 10.4

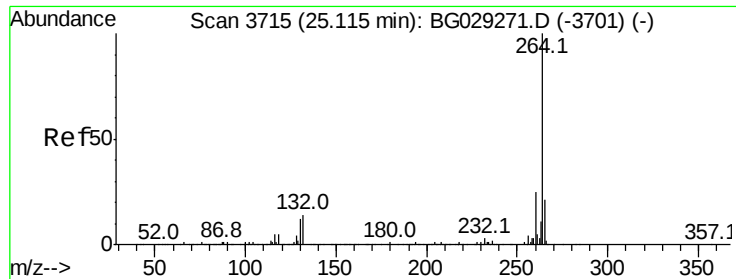


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029373.D
Acq: 20 Oct 2017 15:28

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.6	17.7	26.5

