

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029370.D
 Acq On : 20 Oct 2017 13:29
 Operator : SJ/JU
 Sample : I5922-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-125-11(40-50)

Quant Time: Oct 20 18:33:46 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

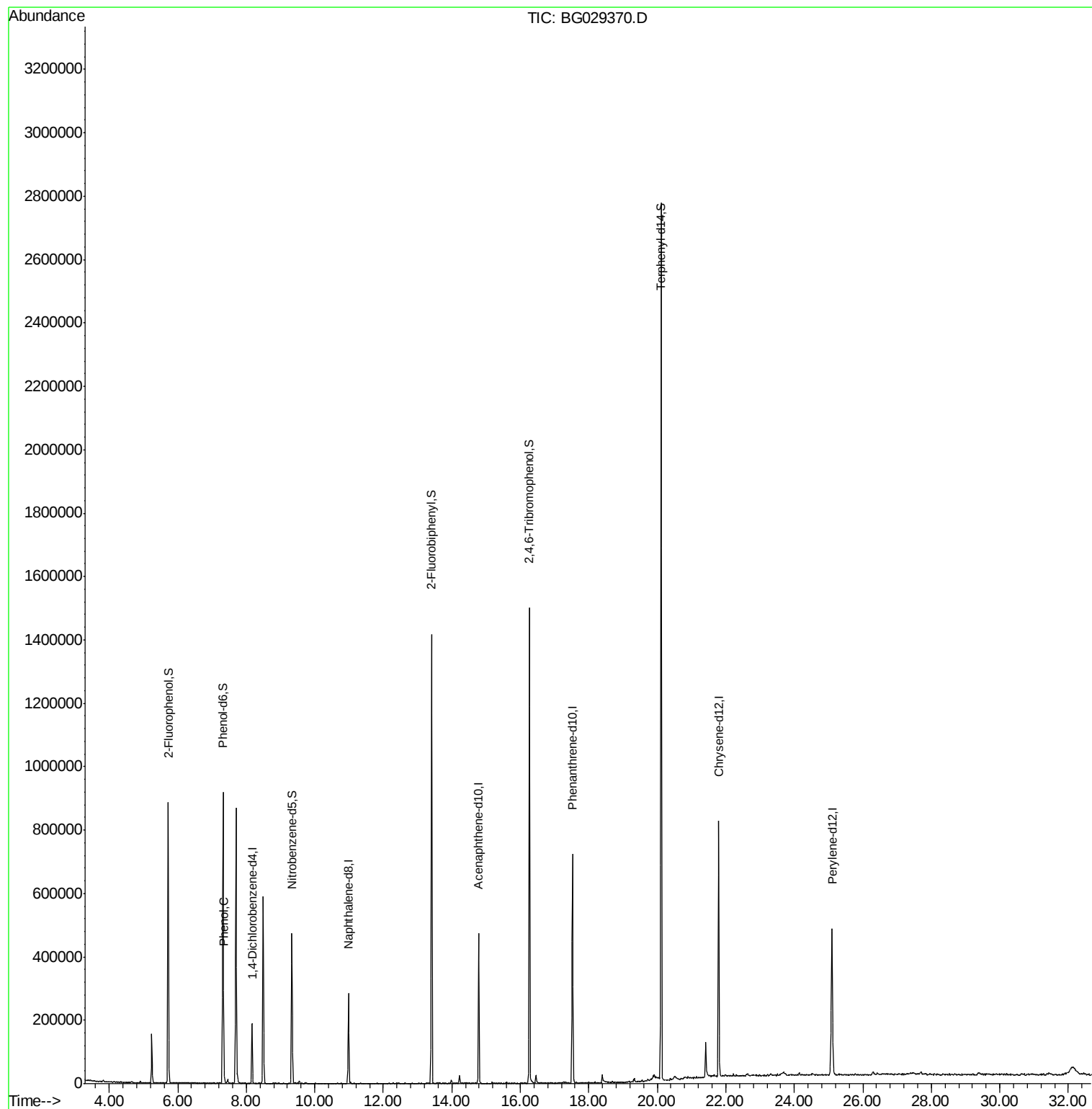
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55609	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	247092	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	166035	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	451363	20.00	ng	0.00
75) Chrysene-d12	21.79	240	502440	20.00	ng	-0.01
86) Perylene-d12	25.10	264	517175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	402078	120.79	ng	0.00
7) Phenol-d6	7.32	99	541603	115.91	ng	0.00
23) Nitrobenzene-d5	9.33	82	290310	74.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	308147	143.75	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	756562	66.83	ng	0.00
78) Terphenyl-d14	20.11	244	1316751	59.62	ng	0.00
Target Compounds						
10) Phenol	7.34	94	22062	4.380	ng	Qvalue 94

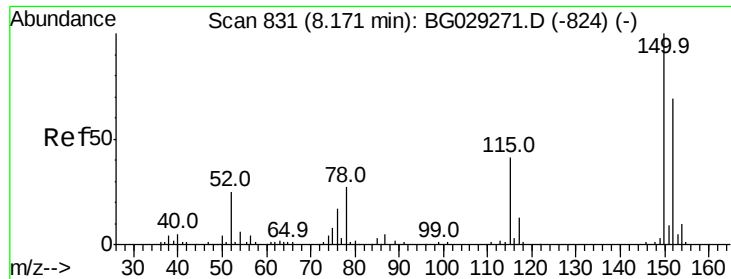
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 17:32:15 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(40-50)

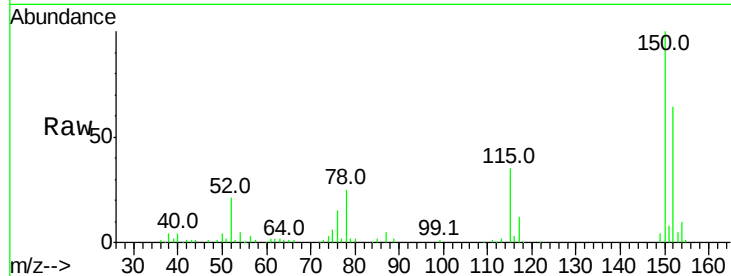
Tot Ion:152 Resp: 55609

Ion Ratio Lower Upper

152 100

150 155.9 126.6 189.8

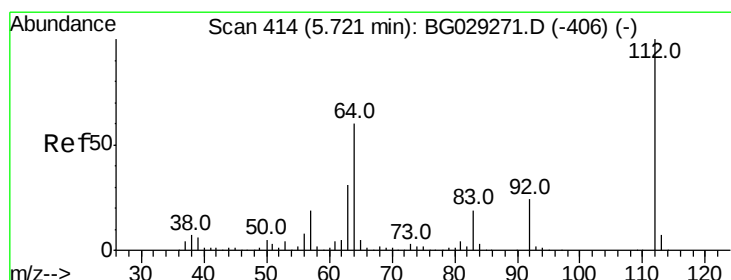
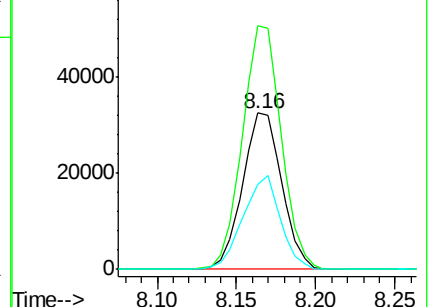
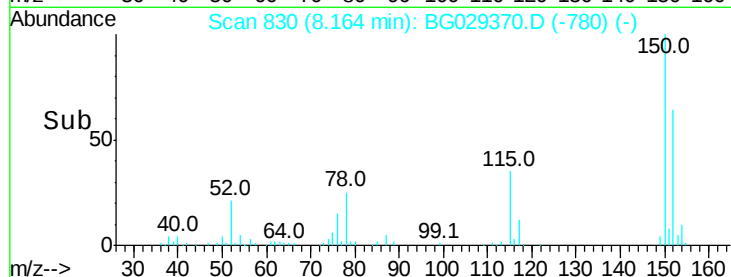
115 54.4 53.0 79.4



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: 120.788 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

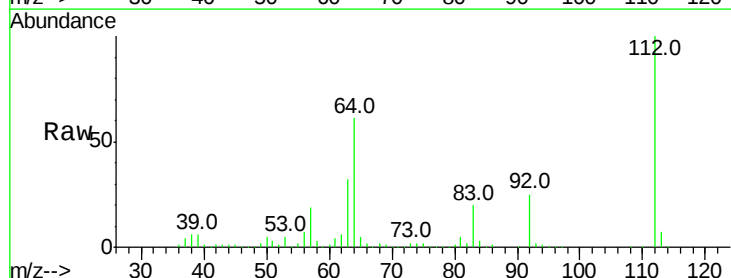
Tgt Ion:112 Resp: 402078

Ion Ratio Lower Upper

112 100

64 60.9 56.3 84.5

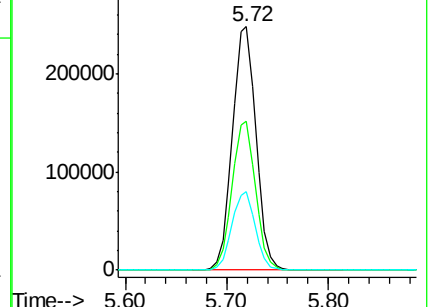
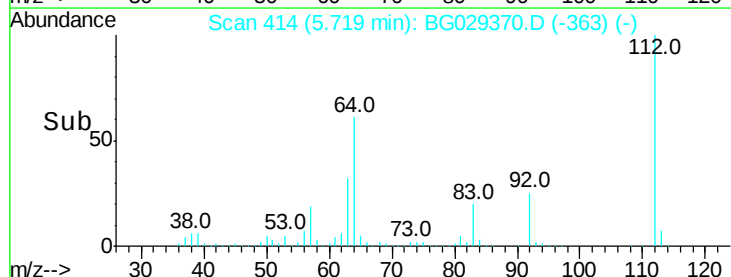
63 32.3 30.1 45.1

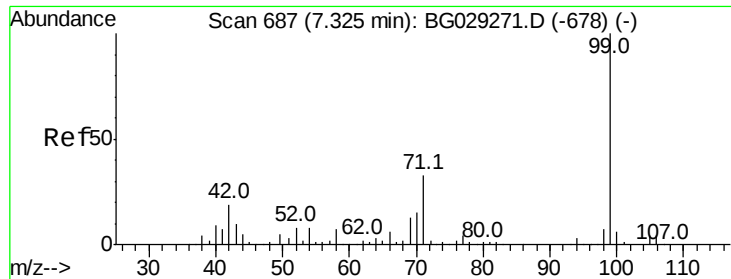


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.914 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(40-50)

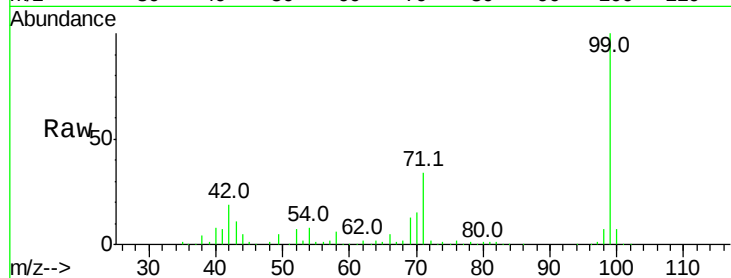
Tot Ion: 99 Resp: 541603

Ion Ratio Lower Upper

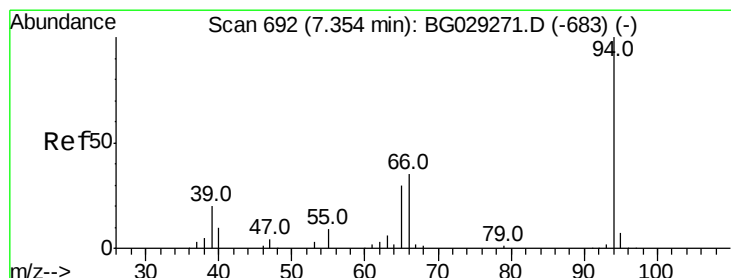
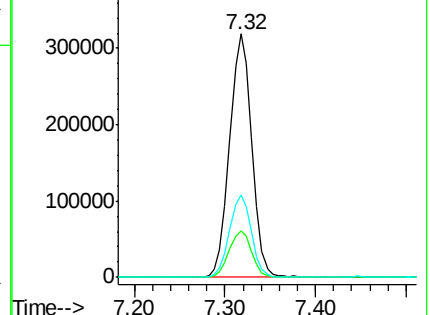
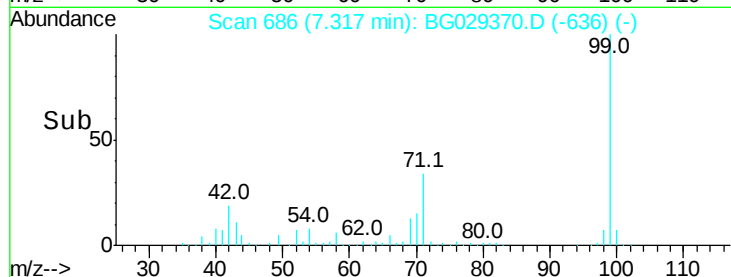
99 100

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



#10

Phenol

Concen: 4.380 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

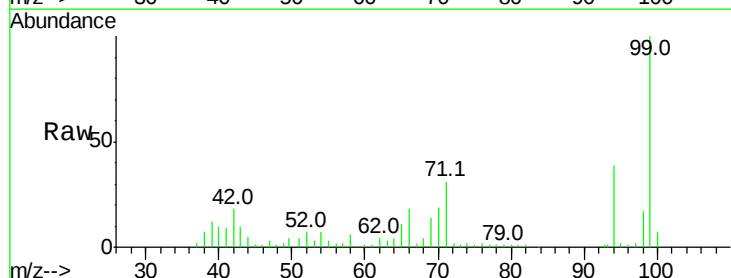
Tgt Ion: 94 Resp: 22062

Ion Ratio Lower Upper

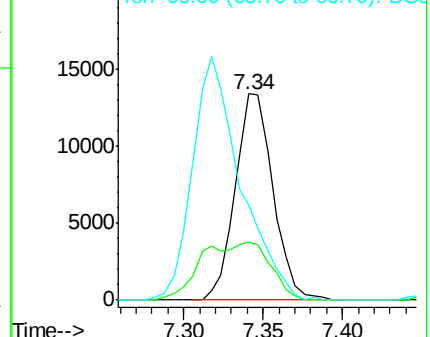
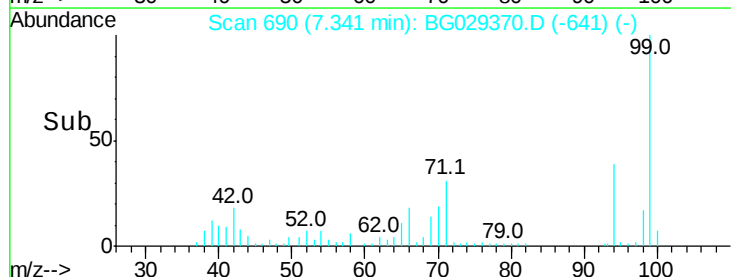
94 100

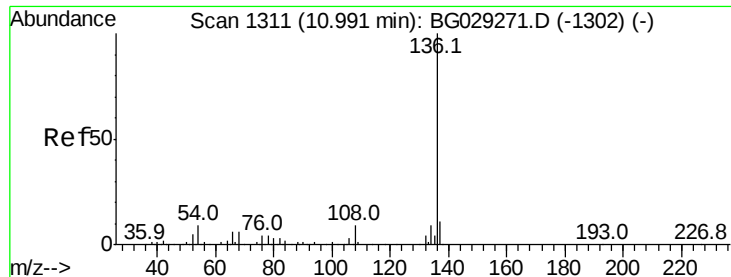
65 28.5 11.9 51.9

66 46.2 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

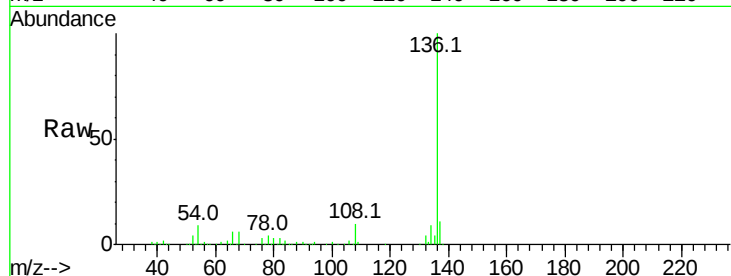




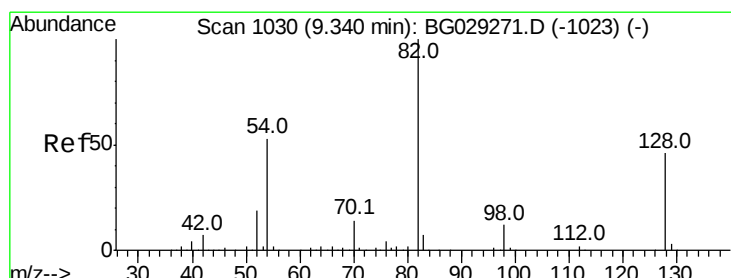
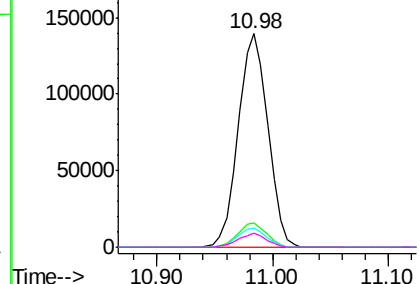
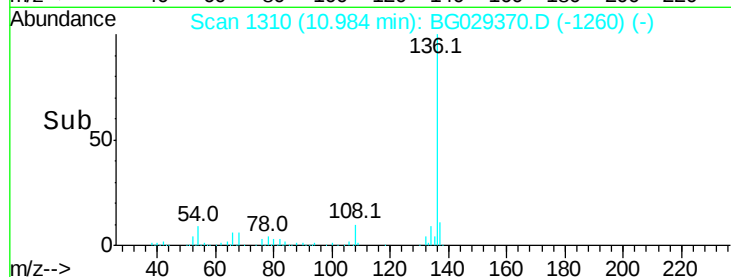
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029370.D
Acq: 20 Oct 2017 13:29

Instrument :
BNA_G
ClientSampleId :
ENV-125-11(40-50)

Tot Ion:136	Resp:	247092
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	8.9	10.3 15.5#
68	6.4	4.5 6.7

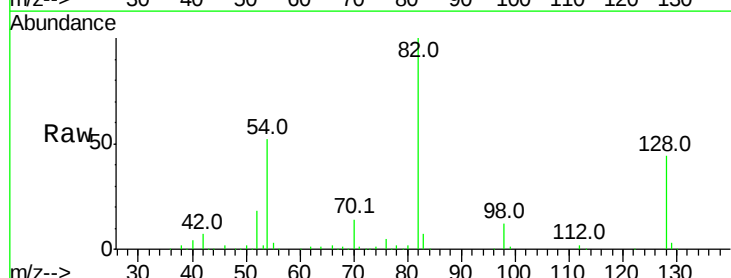


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

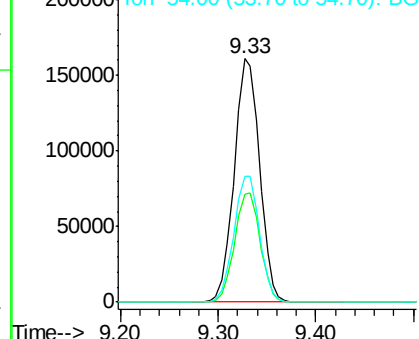
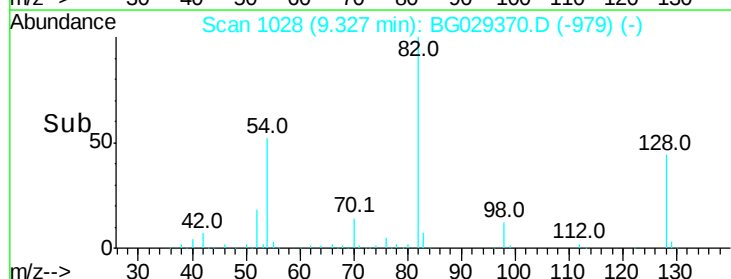


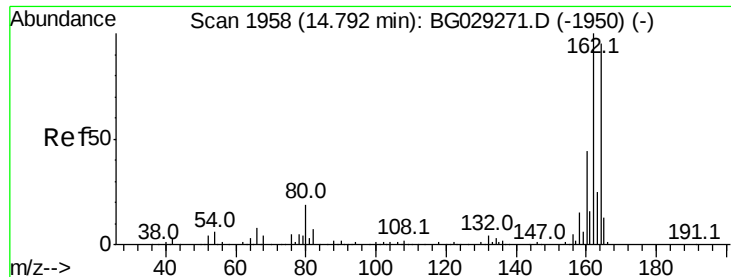
#23
Nitrobenzene-d5
Concen: 74.662 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029370.D
Acq: 20 Oct 2017 13:29

Tgt Ion: 82	Resp:	290310
Ion	Ratio	Lower Upper
82	100	
128	44.5	29.7 44.5
54	51.5	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: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(40-50)

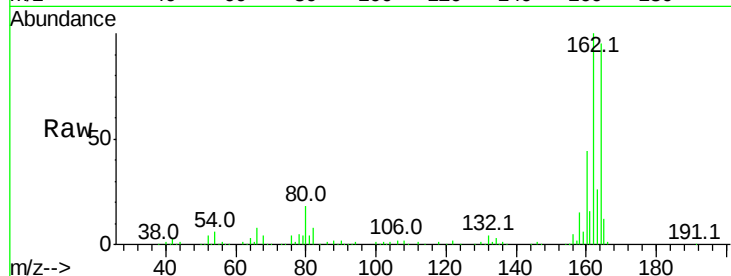
Tot Ion:164 Resp: 166035

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

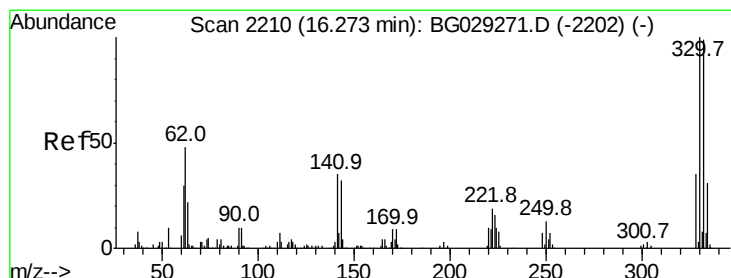
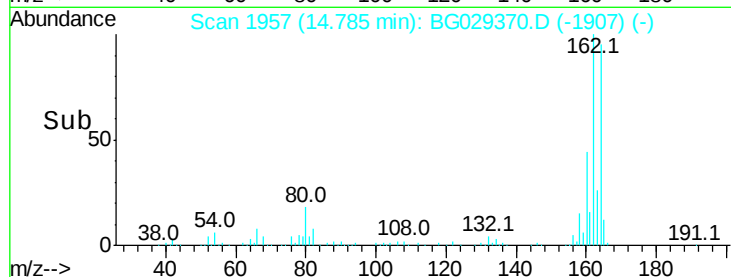
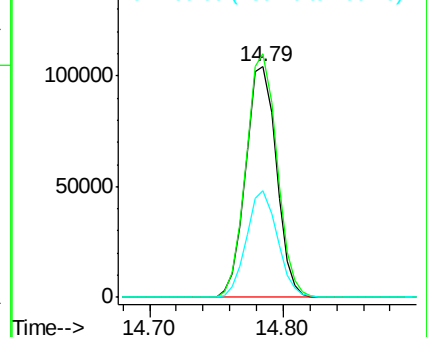
160 46.3 35.4 53.0



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: 143.747 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

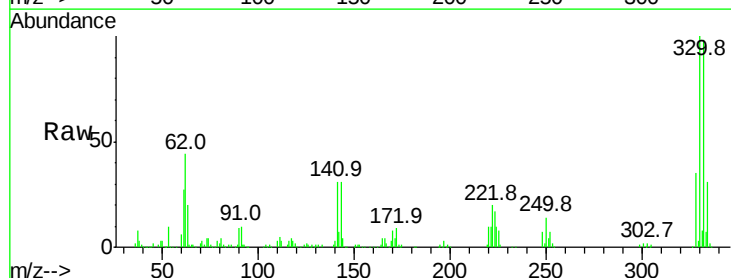
Tgt Ion:330 Resp: 308147

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

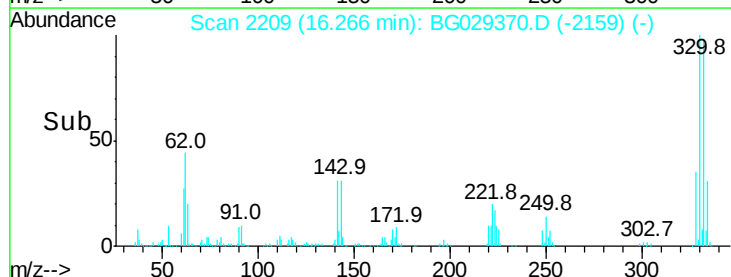
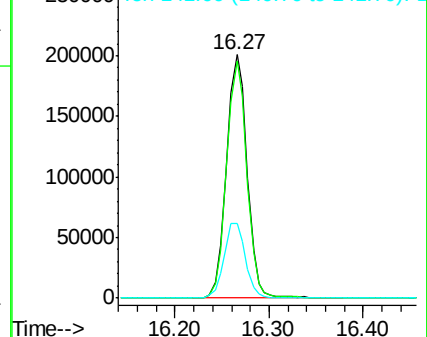
141 32.0 25.2 37.8

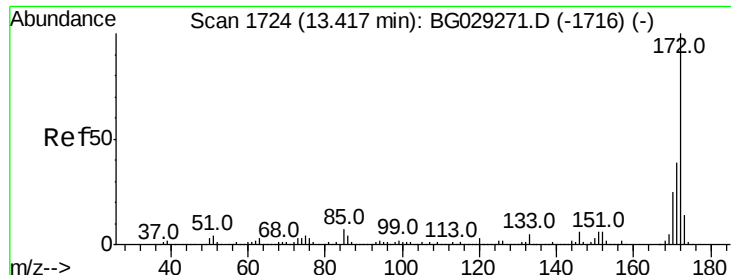


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

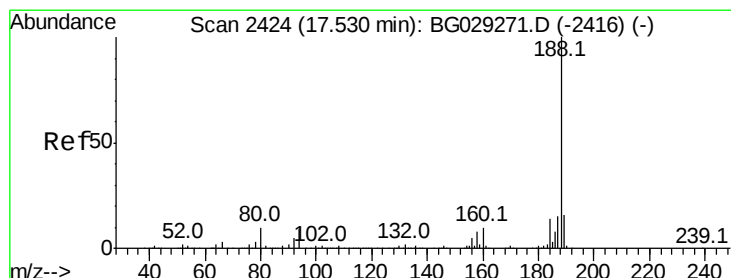
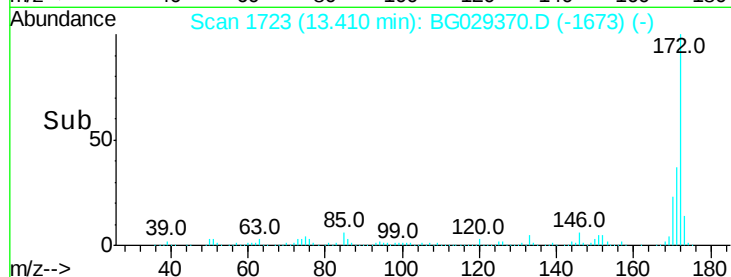
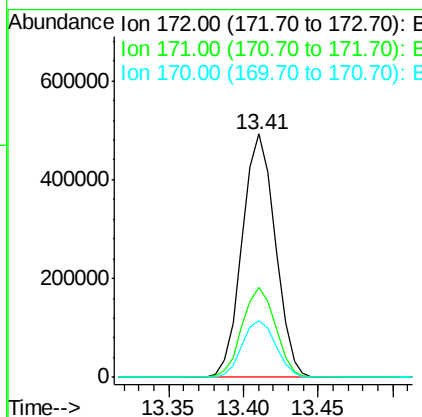
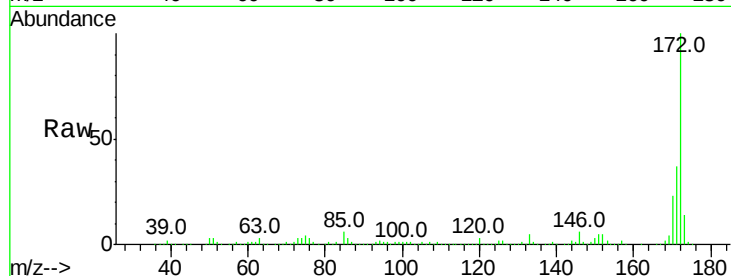




#44
 2-Fluorobiphenyl
 Concen: 66.830 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029370.D
 Acq: 20 Oct 2017 13:29

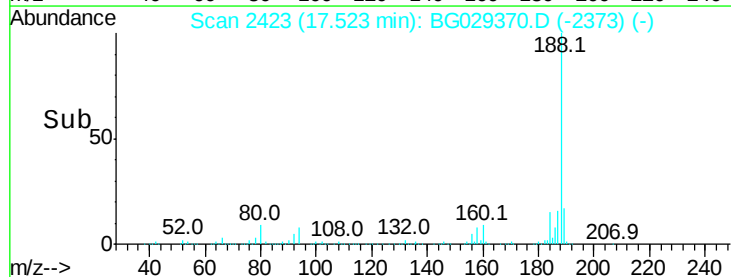
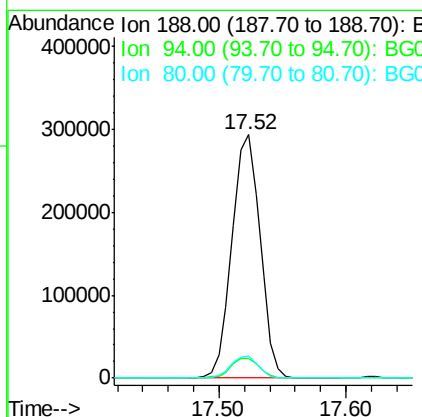
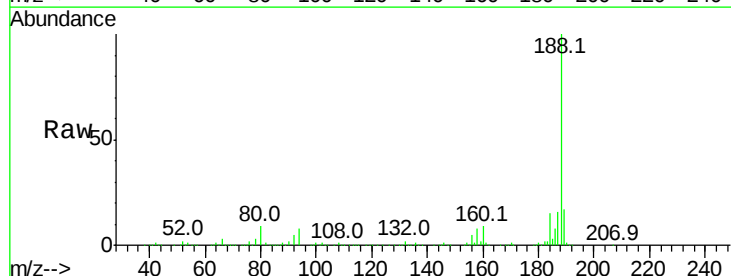
Instrument :
 BNA_G
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 ENV-125-11(40-50)

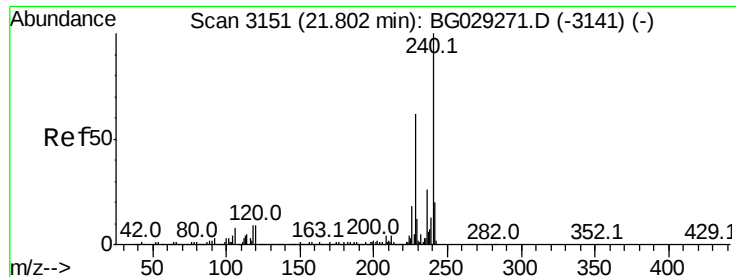
Tot Ion:172 Resp: 756562
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029370.D
 Acq: 20 Oct 2017 13:29

Tgt Ion:188 Resp: 451363
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.1 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: BG029370.D

Acq: 20 Oct 2017 13:29

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(40-50)

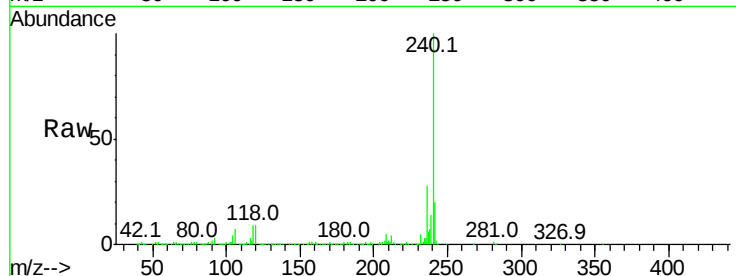
Tot Ion:240 Resp: 502440

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

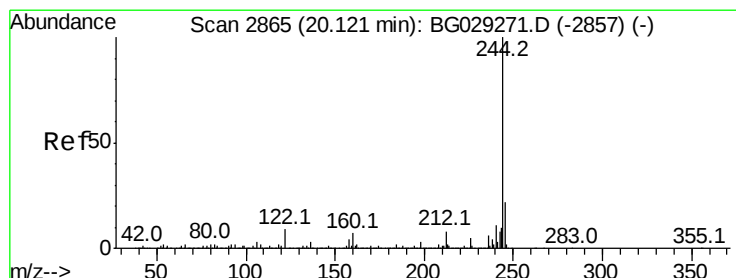
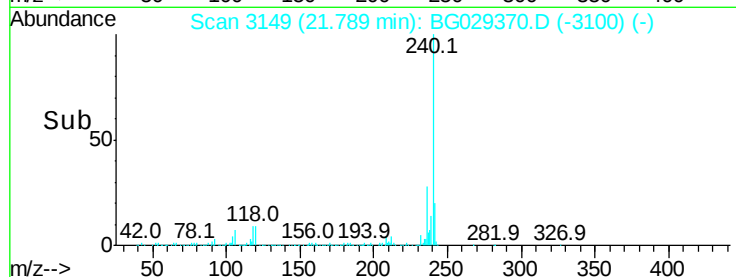
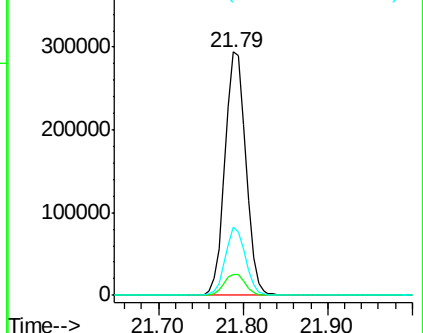
236 27.8 20.9 31.3



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: 59.619 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029370.D

Acq: 20 Oct 2017 13:29

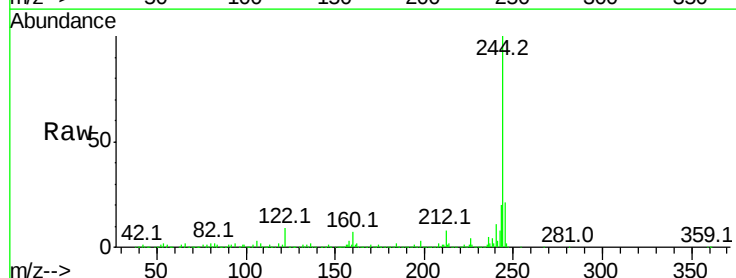
Tgt Ion:244 Resp: 1316751

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

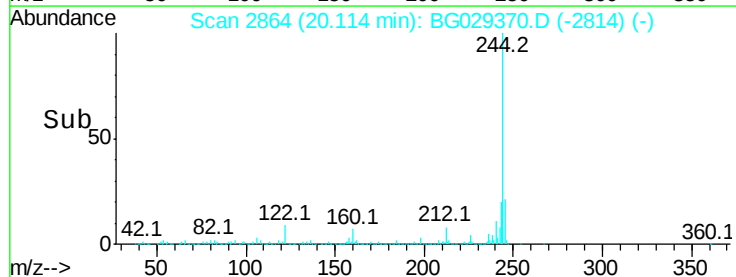
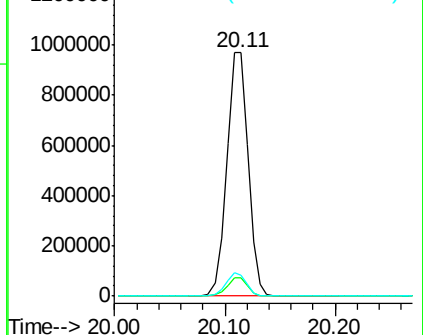
122 8.7 7.0 10.4

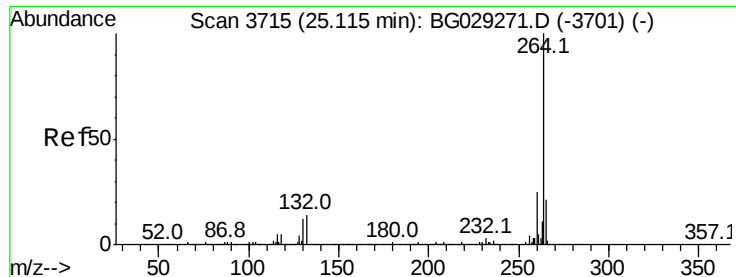


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

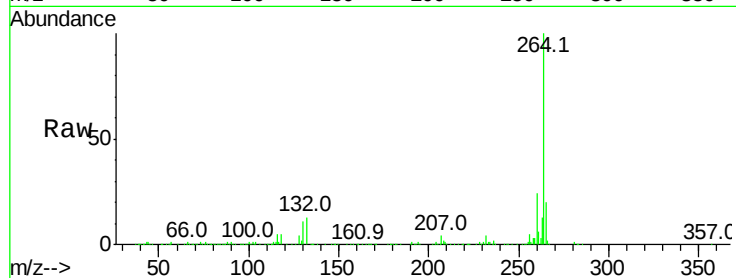




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029370.D
 Acq: 20 Oct 2017 13:29

Instrument :
 BNA_G
 ClientSampleId :
 ENV-125-11(40-50)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.3	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

