

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029343.D
 Acq On : 18 Oct 2017 22:31
 Operator : SJ/JU
 Sample : I5834-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(30-40)

Quant Time: Oct 19 00:12:05 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

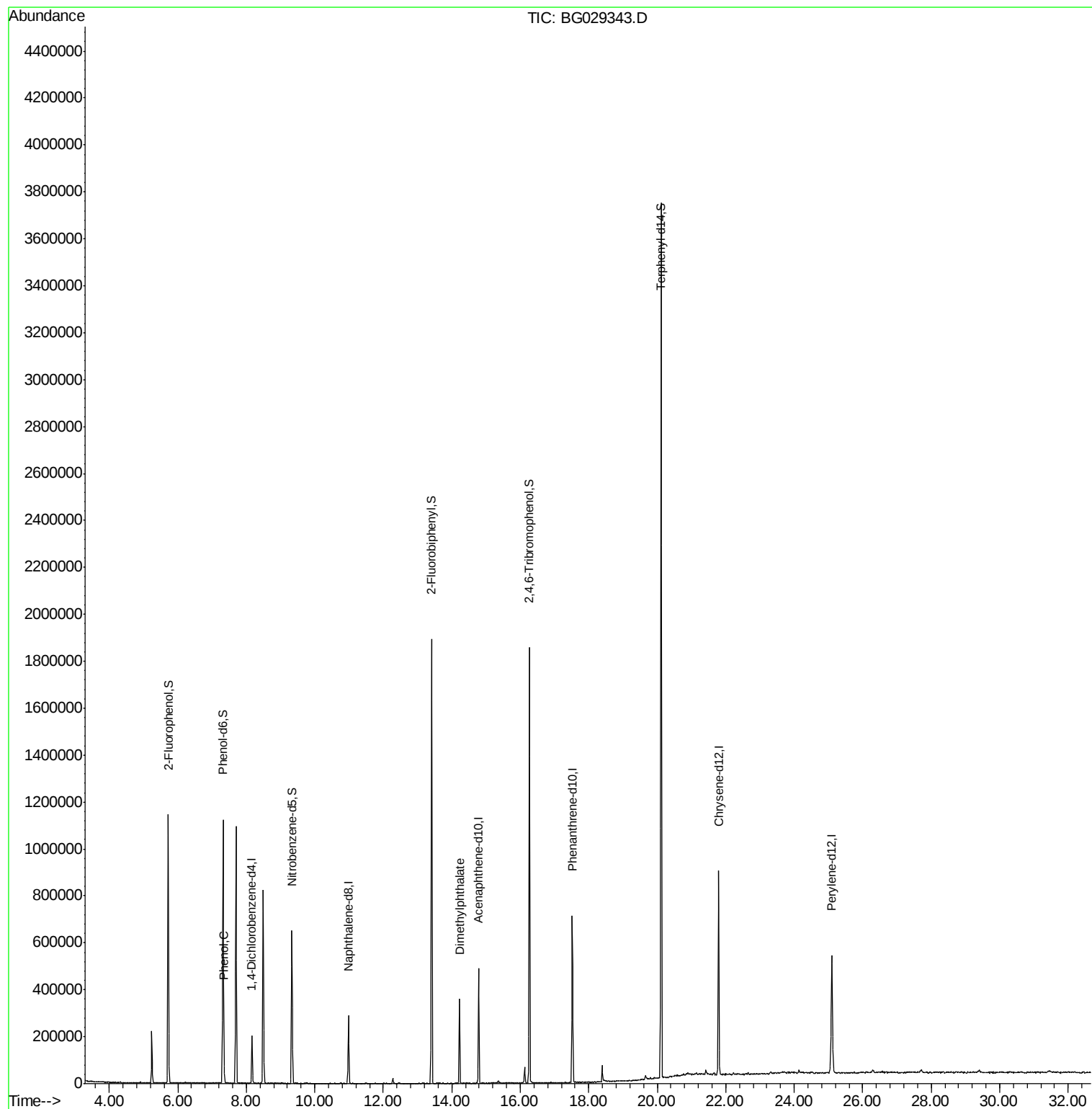
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58789	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	259385	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	173563	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	453804	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	519442	20.00	ng	-0.01
86) Perylene-d12	25.10	264	530178	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	512248	145.56	ng	0.00
7) Phenol-d6	7.32	99	685526	138.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	399614	97.90	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	367020	163.78	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	992448	83.86	ng	0.00
78) Terphenyl-d14	20.12	244	1743448	76.36	ng	0.00
Target Compounds						
10) Phenol	7.35	94	40516	7.608	ng	93
49) Dimethylphthalate	14.23	163	256002	18.904	ng	100

(#) = 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: BG029343.D

Acq: 18 Oct 2017 22:31

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(30-40)

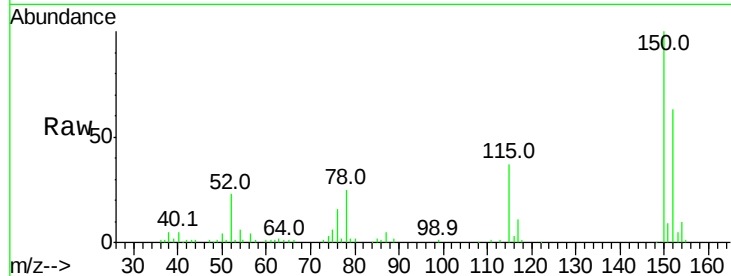
Tot Ion:152 Resp: 58789

Ion Ratio Lower Upper

152 100

150 159.7 126.6 189.8

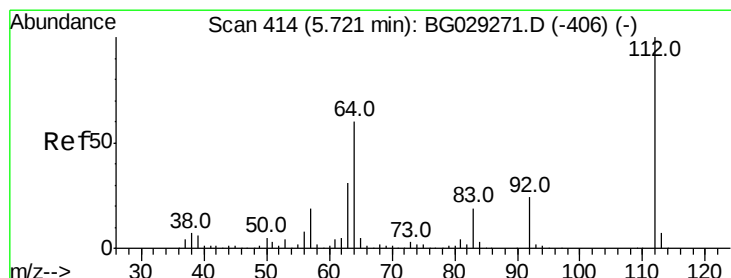
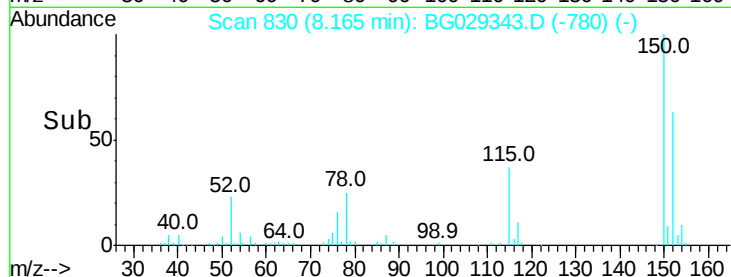
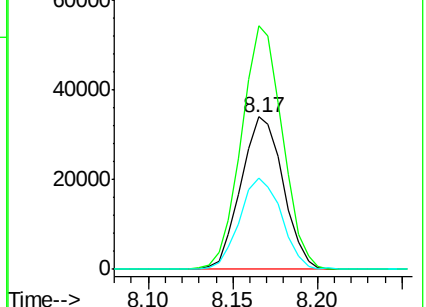
115 59.8 53.0 79.4



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: 145.561 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

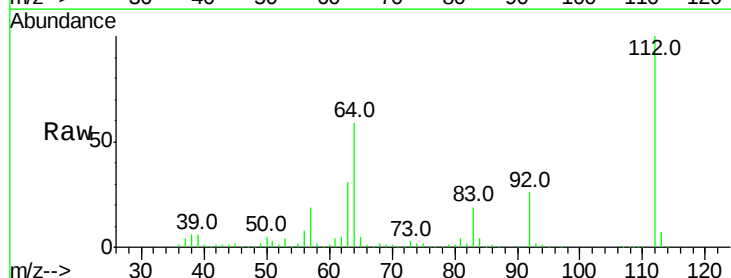
Tgt Ion:112 Resp: 512248

Ion Ratio Lower Upper

112 100

64 58.9 56.3 84.5

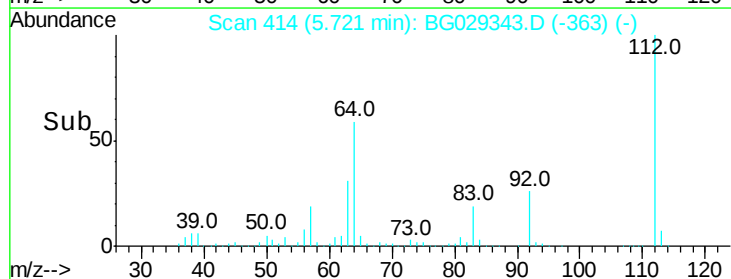
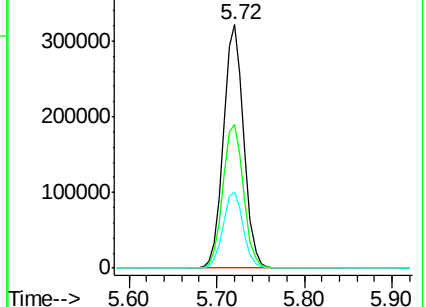
63 31.3 30.1 45.1

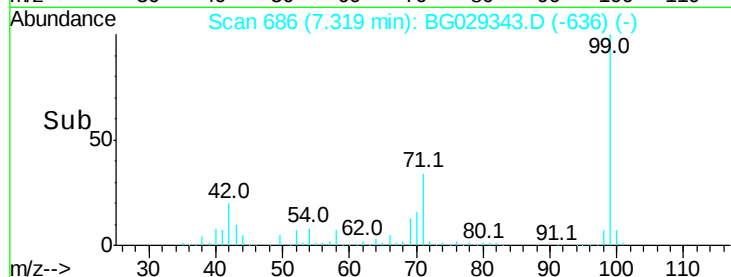
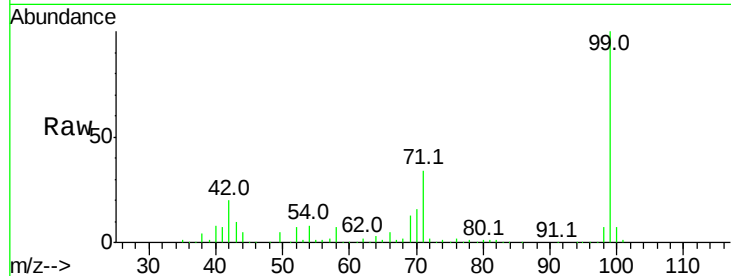
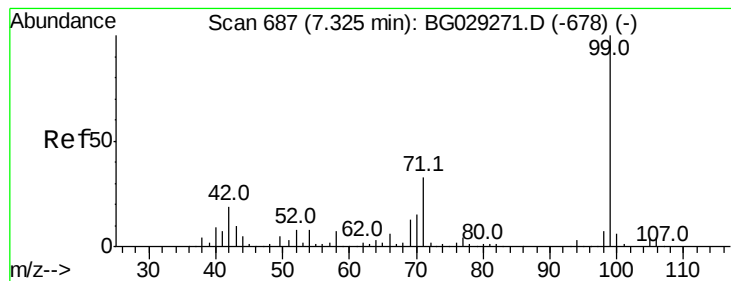


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.780 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(30-40)

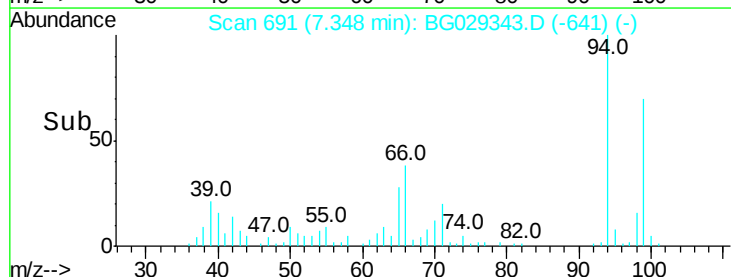
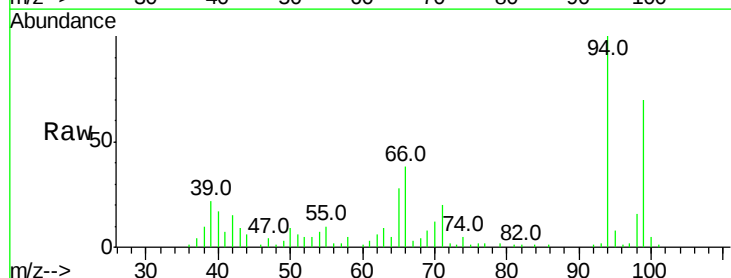
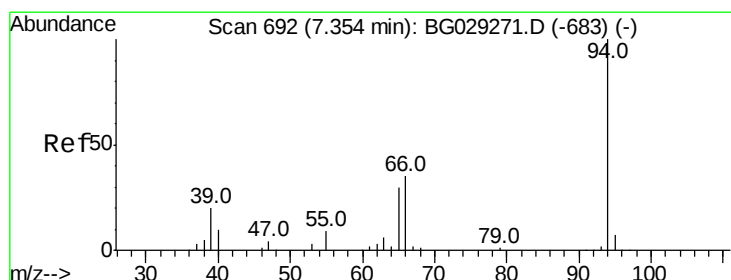
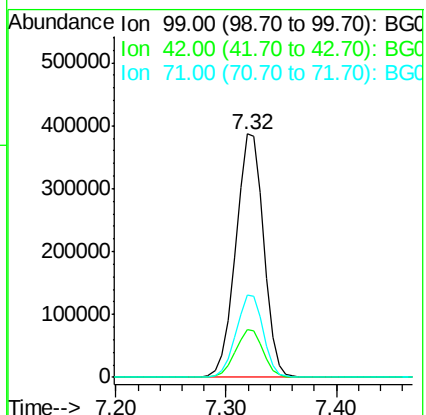
Tot Ion: 99 Resp: 685526

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

71 33.7 26.1 39.1



#10

Phenol

Concen: 7.608 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

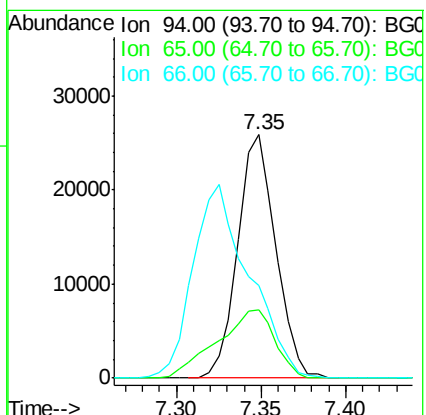
Tgt Ion: 94 Resp: 40516

Ion Ratio Lower Upper

94 100

65 28.0 11.9 51.9

66 38.0 22.2 62.2

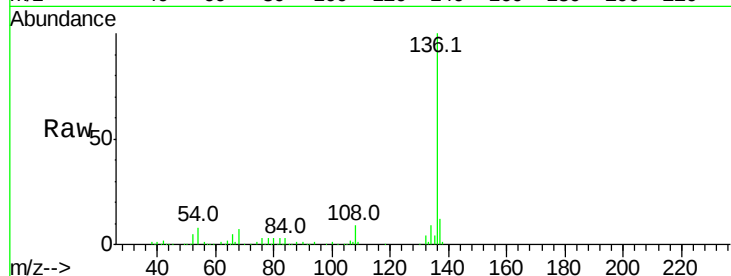




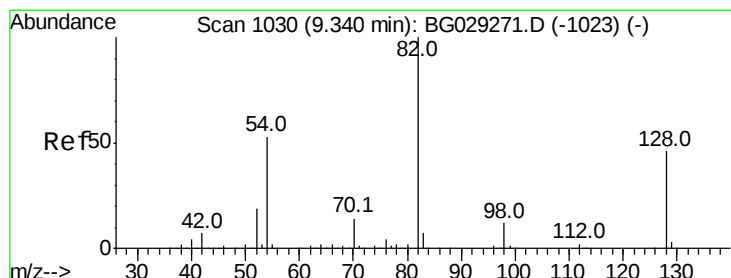
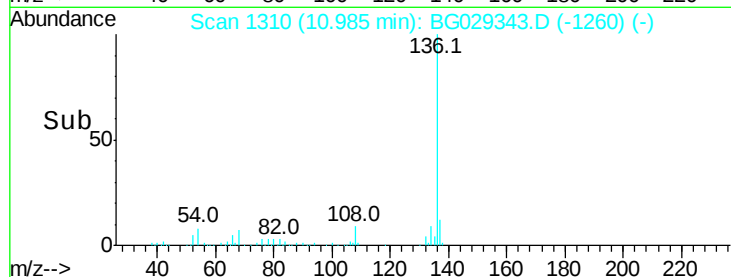
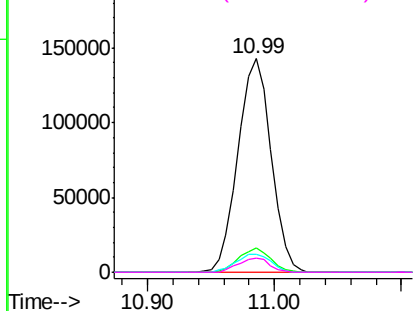
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(30-40)

Tot Ion:136	Resp: 259385
Ion Ratio	Lower Upper
136 100	
137 11.5	9.2 13.8
54 8.3	10.3 15.5#
68 6.5	4.5 6.7

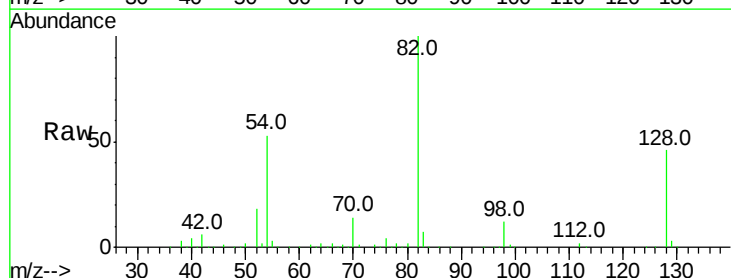


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

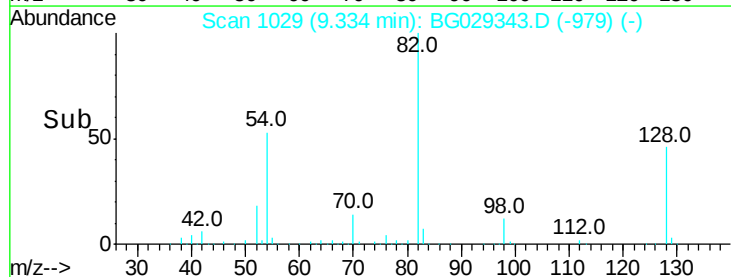
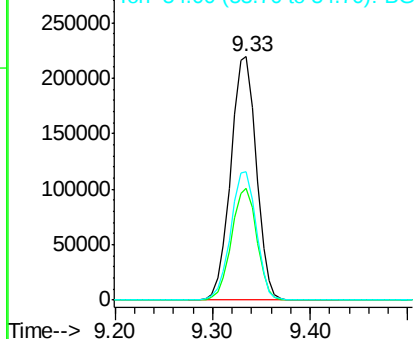


#23
Nitrobenzene-d5
Concen: 97.902 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Tgt Ion: 82	Resp: 399614
Ion Ratio	Lower Upper
82 100	
128 46.1	29.7 44.5#
54 52.9	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

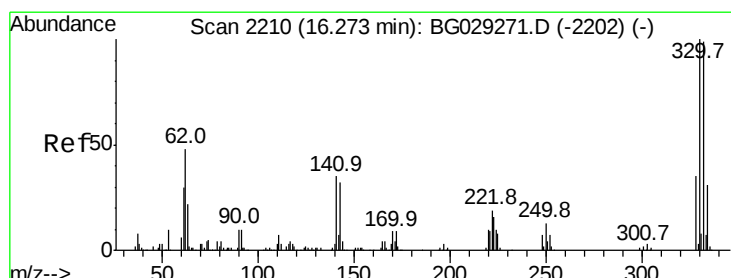
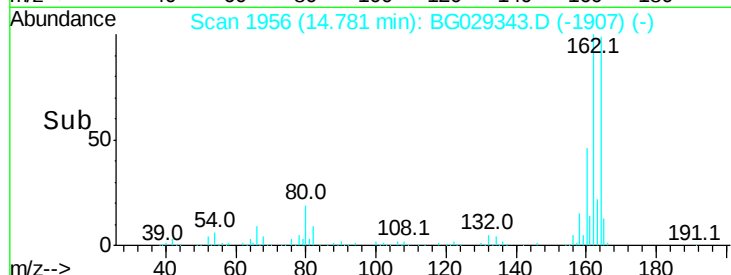
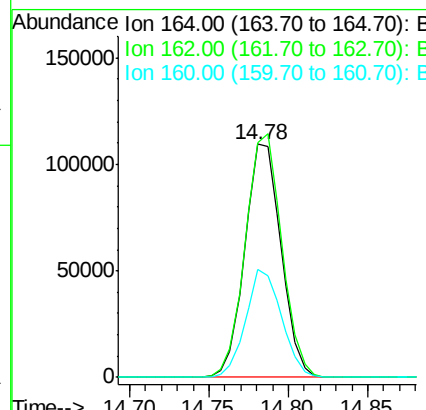
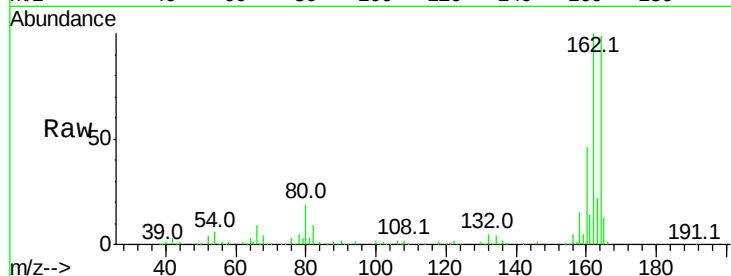




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029343.D
 Acq: 18 Oct 2017 22:31

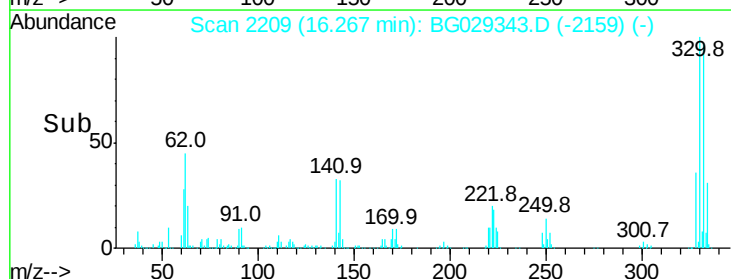
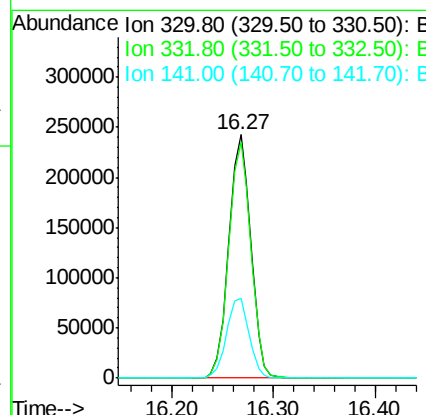
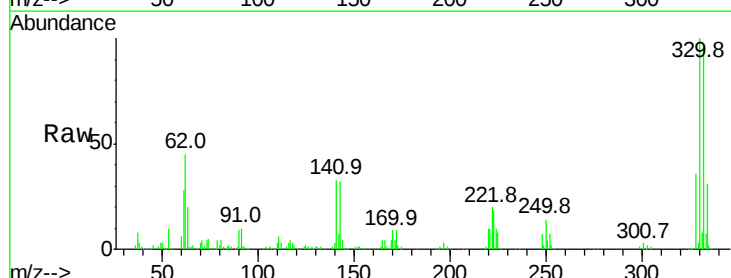
Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(30-40)

Tot Ion:164 Resp: 173563
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 46.4 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 163.784 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029343.D
 Acq: 18 Oct 2017 22:31

Tgt Ion:330 Resp: 367020
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 33.8 25.2 37.8

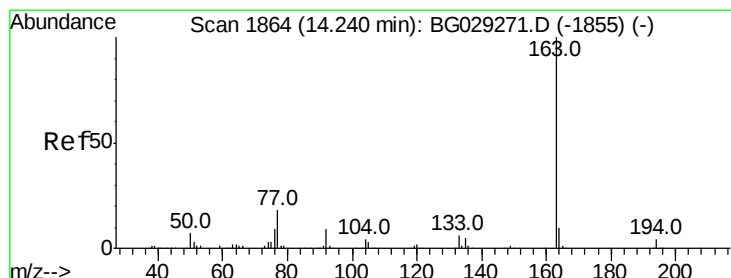
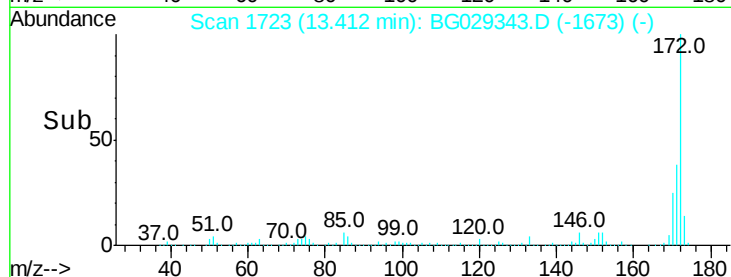
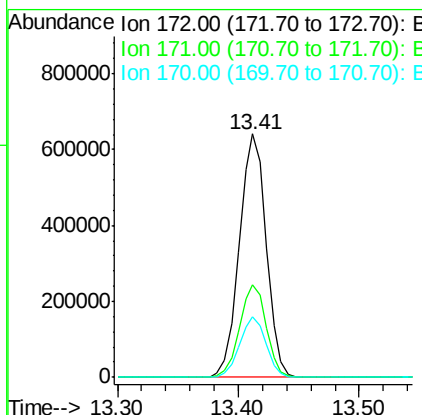
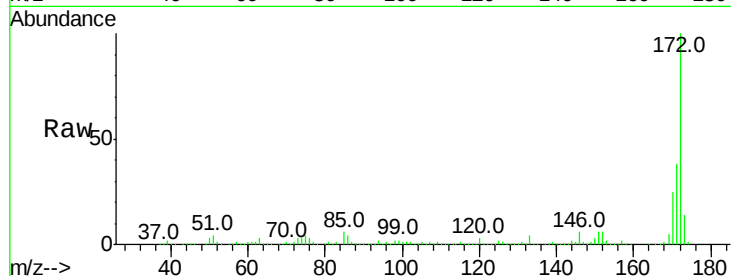




#44
 2-Fluorobiphenyl
 Concen: 83.865 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029343.D
 Acq: 18 Oct 2017 22:31

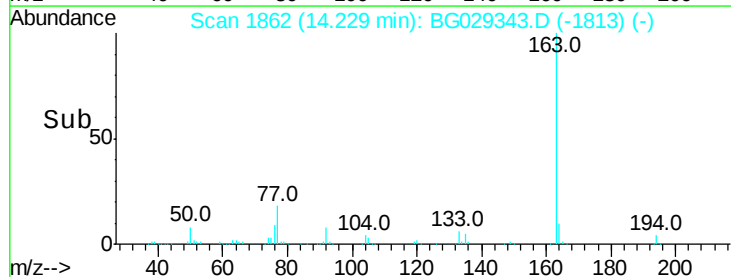
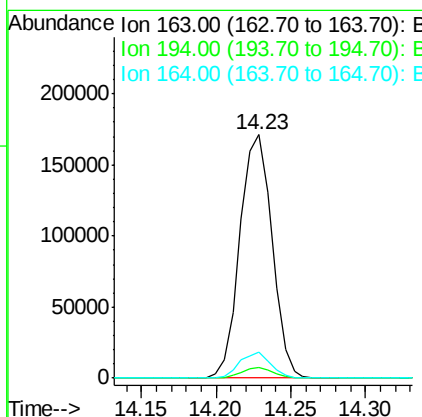
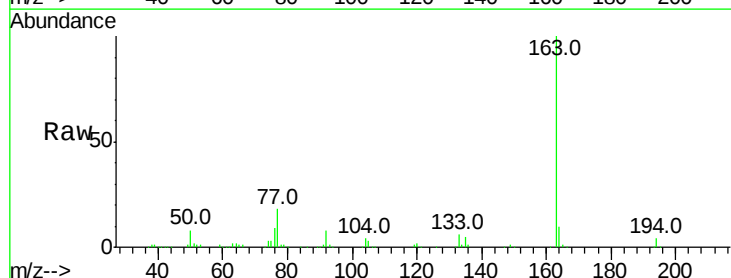
Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-4(30-40)

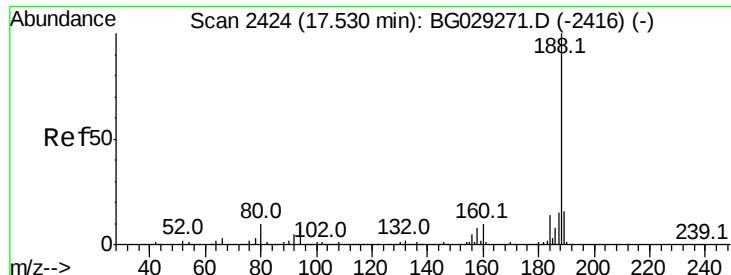
Tot Ion:172 Resp: 992448
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.6 19.5 29.3



#49
 Dimethylphthalate
 Concen: 18.904 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029343.D
 Acq: 18 Oct 2017 22:31

Tgt Ion:163 Resp: 256002
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 10.5 8.2 12.4

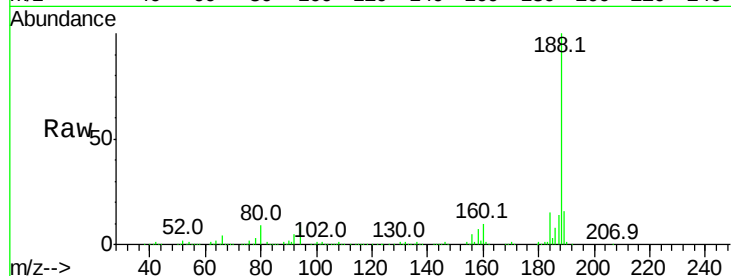




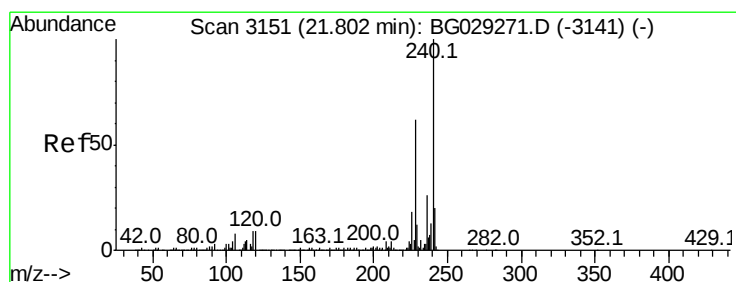
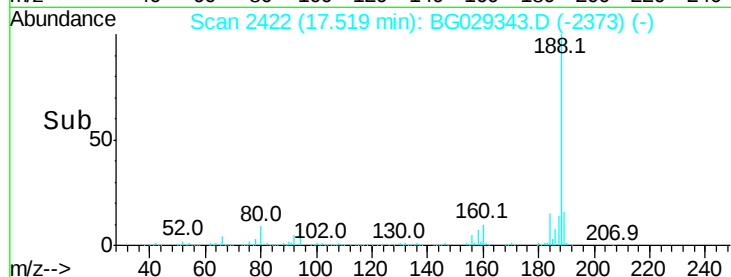
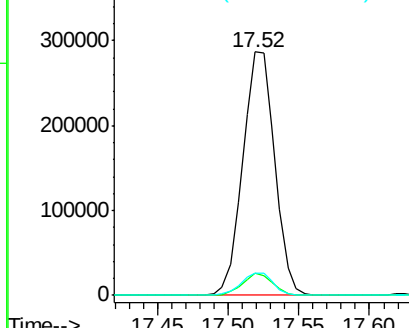
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(30-40)

Tot Ion:188 Resp: 453804
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.3 7.7 11.5

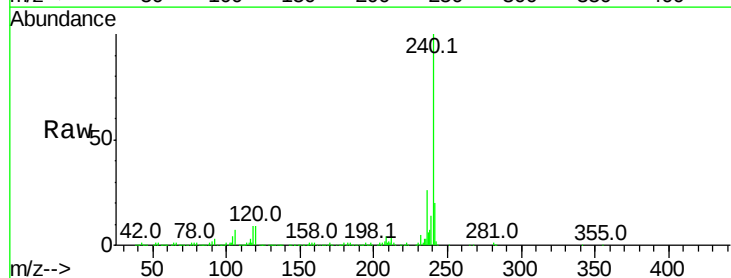


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

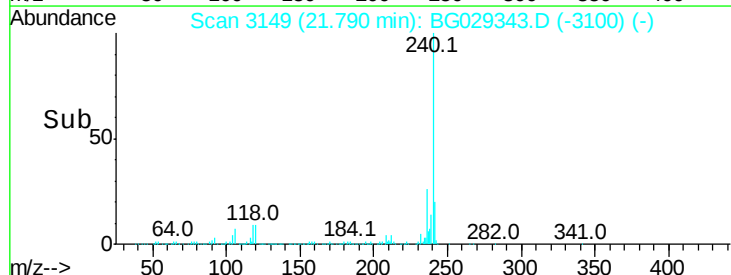
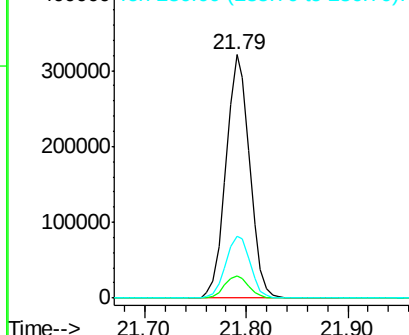


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Tgt Ion:240 Resp: 519442
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 25.6 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: 76.355 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

Instrument :

BNA_G

ClientSampleId :

ENV-115-4(30-40)

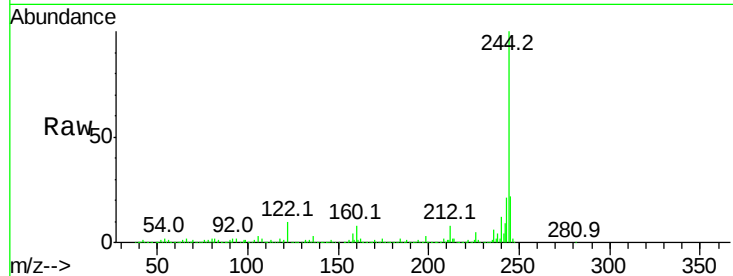
Tot Ion:244 Resp: 1743448

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

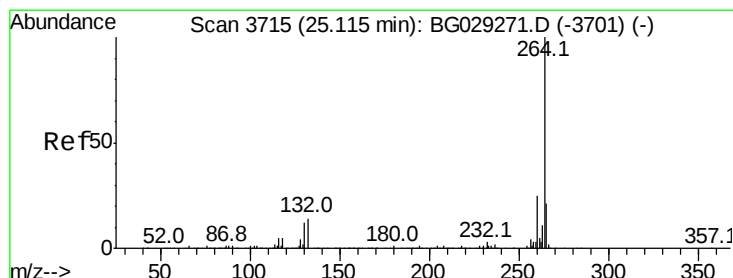
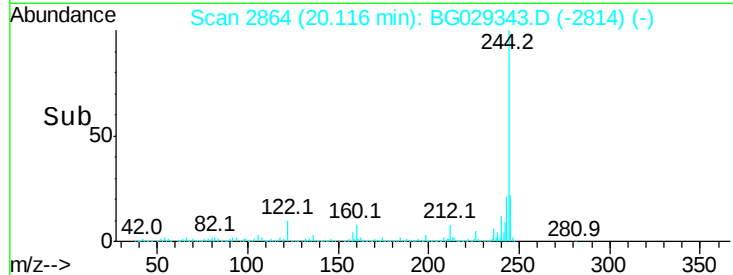
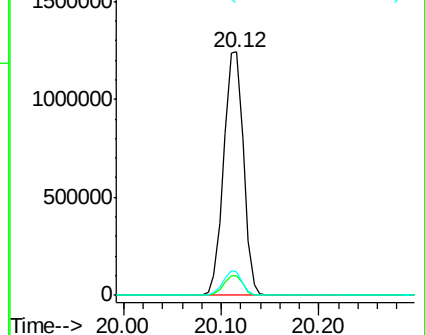
122 9.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

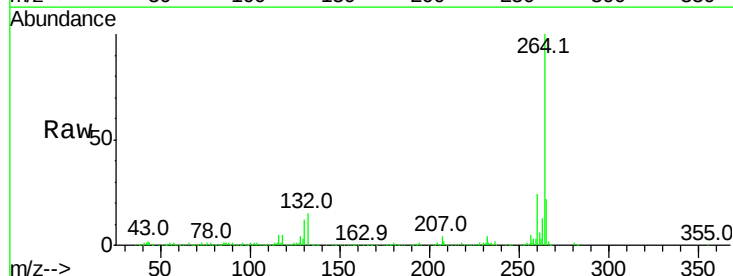
Tgt Ion:264 Resp: 530178

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.0 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

