

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029306.D
 Acq On : 17 Oct 2017 18:13
 Operator : SJ/JU
 Sample : I5794-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-4(10-15)

Quant Time: Oct 18 02:35:14 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

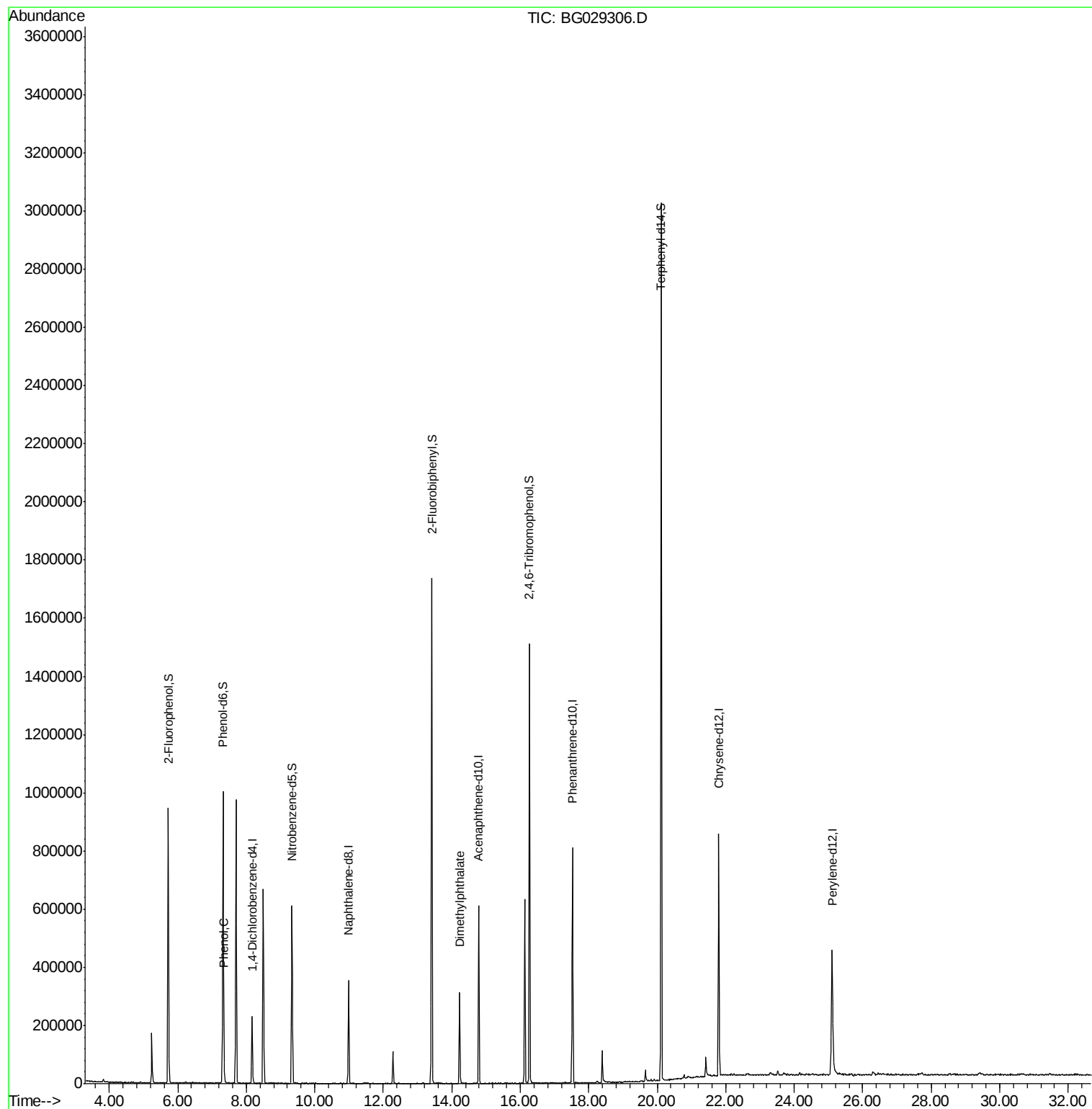
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65548	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	327631	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	216181	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	490651	20.00	ng	0.00
75) Chrysene-d12	21.80	240	519339	20.00	ng	0.00
86) Perylene-d12	25.10	264	527749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	429038	109.34	ng	0.00
7) Phenol-d6	7.32	99	608412	110.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	361414	70.10	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	291019	104.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	950357	64.48	ng	0.00
78) Terphenyl-d14	20.12	244	1340375	58.71	ng	0.00
Target Compounds						
10) Phenol	7.35	94	31887	5.370	ng	95
49) Dimethylphthalate	14.23	163	219969	13.041	ng	100

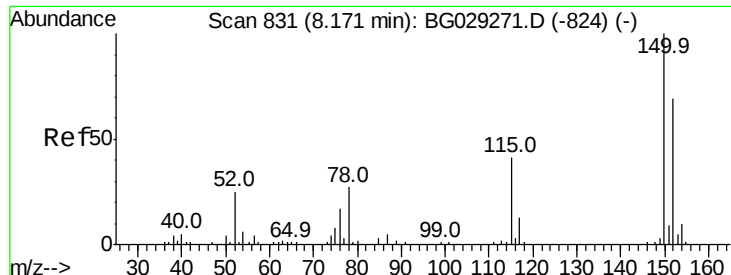
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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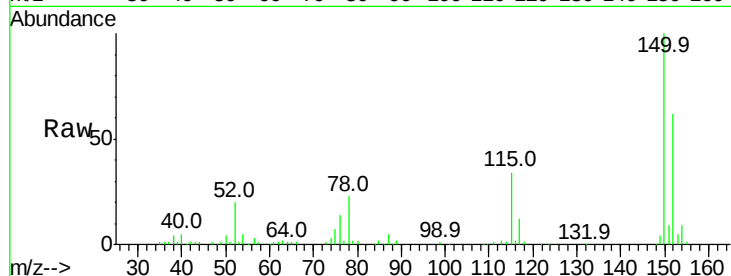


#1

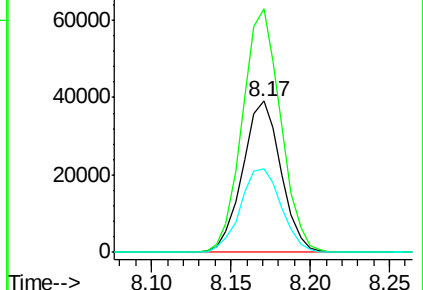
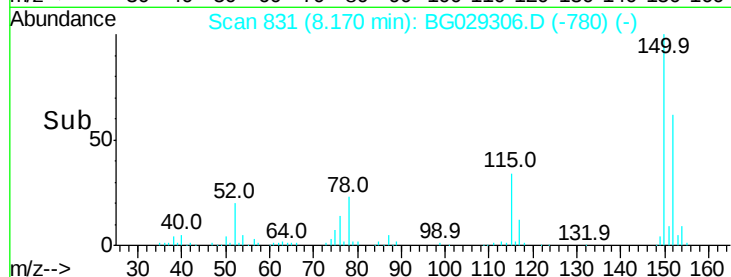
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampleId :
ENV-105-4(10-15)

Tot Ion:152 Resp: 65548
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 55.4 53.0 79.4



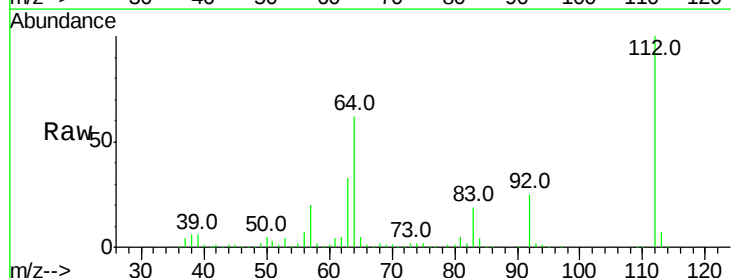
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



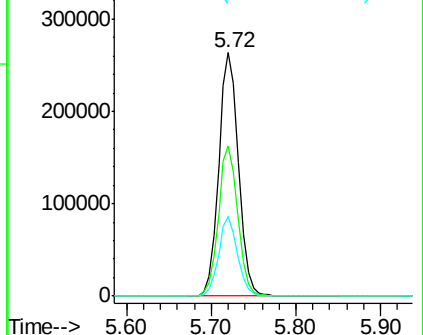
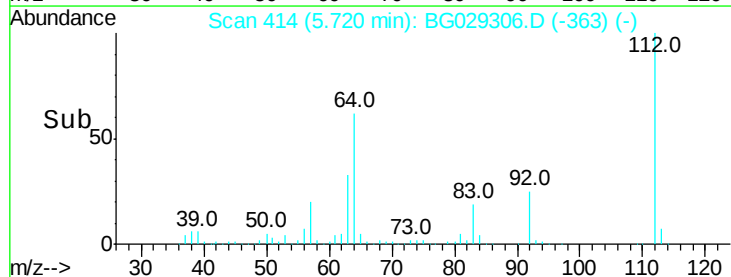
#5

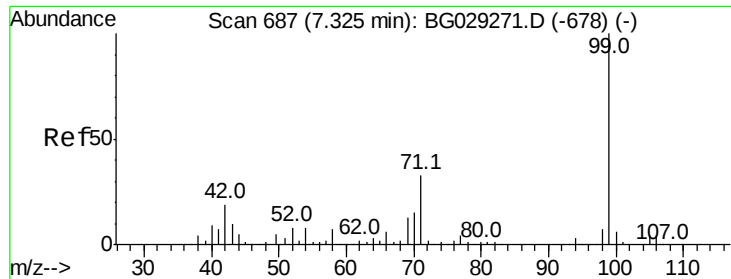
2-Fluorophenol
Concen: 109.344 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion:112 Resp: 429038
Ion Ratio Lower Upper
112 100
64 61.6 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.468 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

Instrument :

BNA_G

ClientSampleId :

ENV-105-4(10-15)

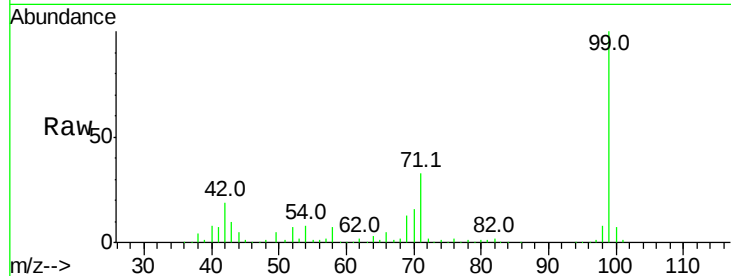
Tot Ion: 99 Resp: 608412

Ion Ratio Lower Upper

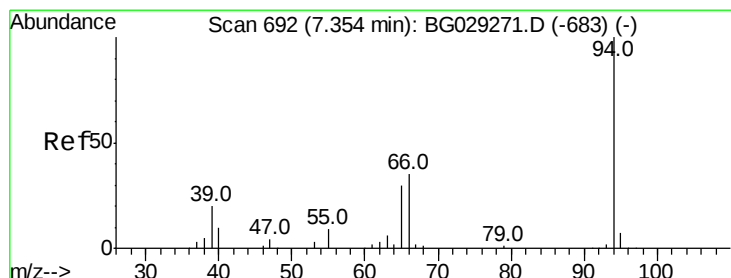
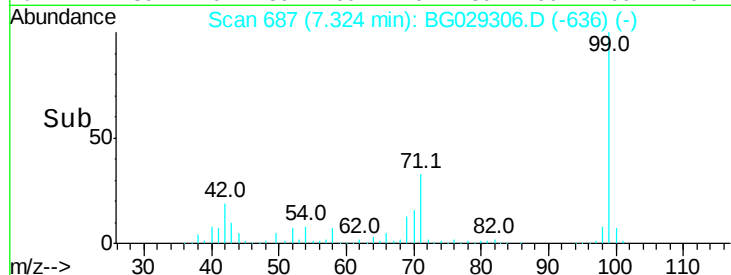
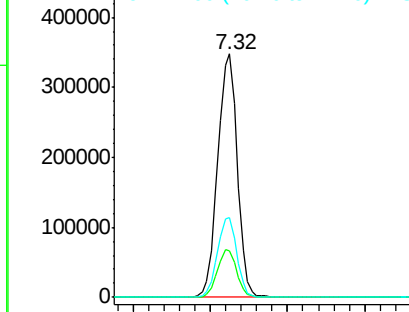
99 100

42 19.0 14.1 21.1

71 32.9 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: 5.370 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

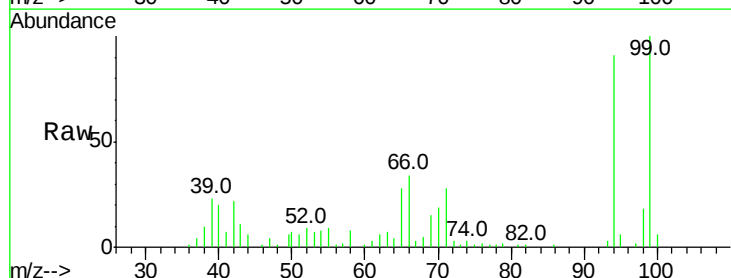
Tgt Ion: 94 Resp: 31887

Ion Ratio Lower Upper

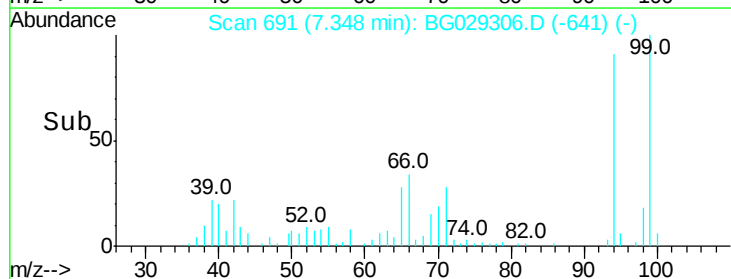
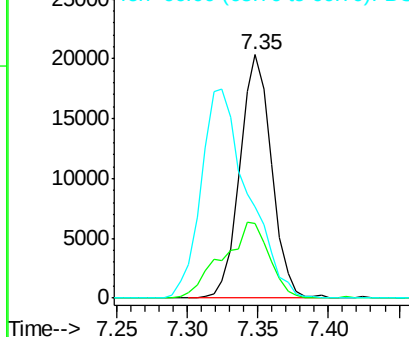
94 100

65 30.7 11.9 51.9

66 37.3 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

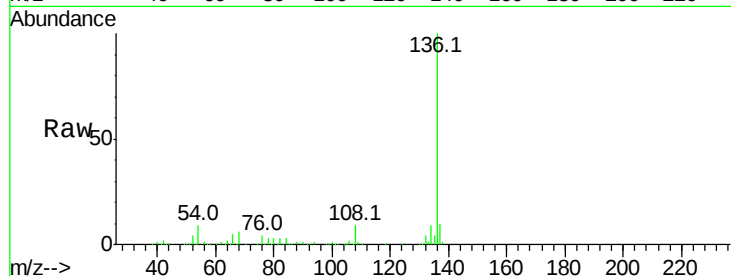




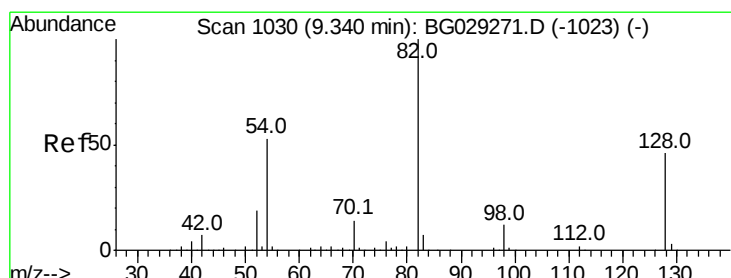
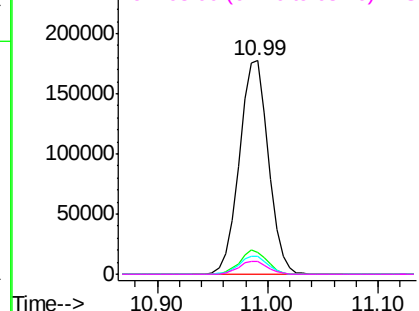
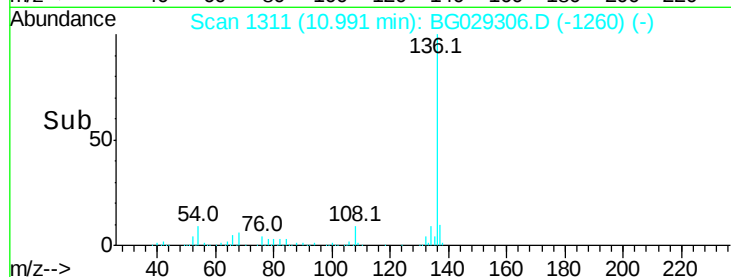
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampleId :
ENV-105-4(10-15)

Tot Ion:136	Resp:	327631
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	8.6	10.3 15.5#
68	5.8	4.5 6.7

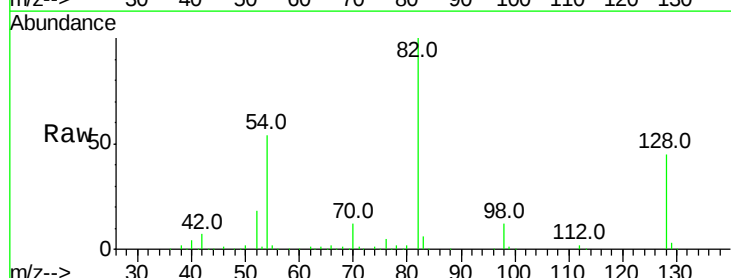


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

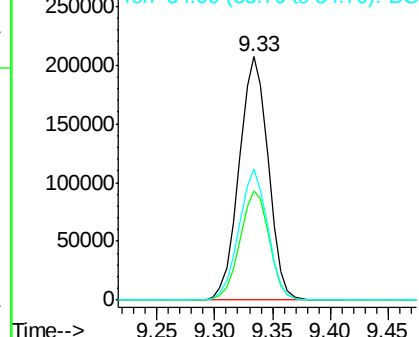
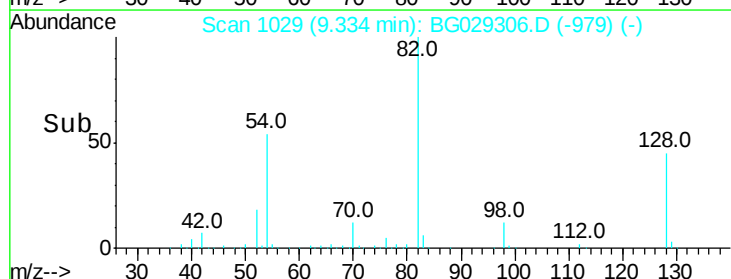


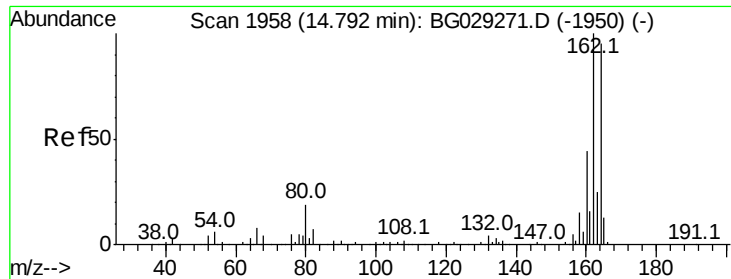
#23
Nitrobenzene-d5
Concen: 70.100 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion: 82	Resp:	361414
Ion Ratio	Lower	Upper
82	100	
128	45.1	29.7 44.5#
54	53.6	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

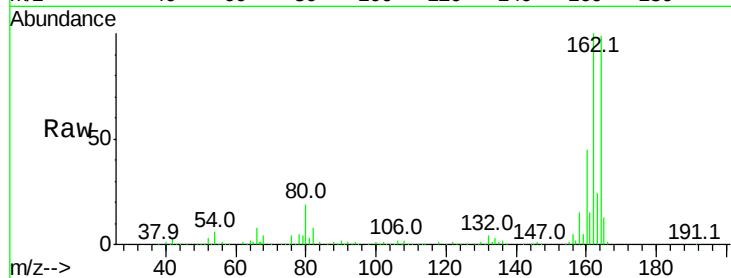




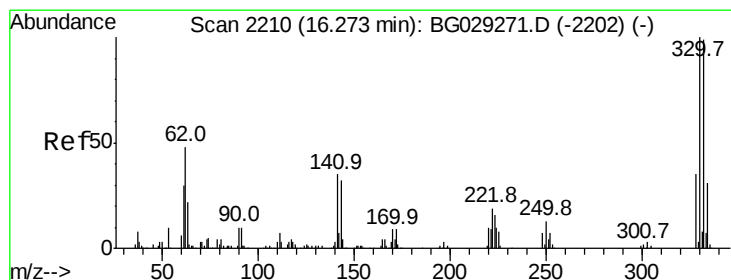
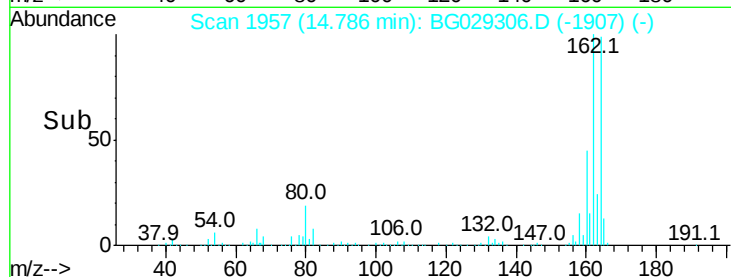
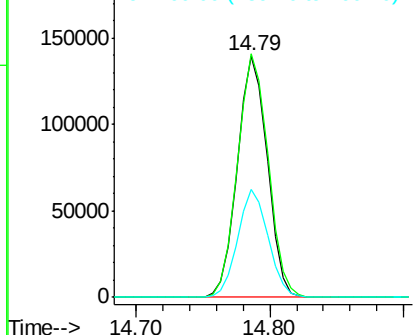
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampleId :
ENV-105-4(10-15)

Tot Ion:164 Resp: 216181
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 45.0 35.4 53.0

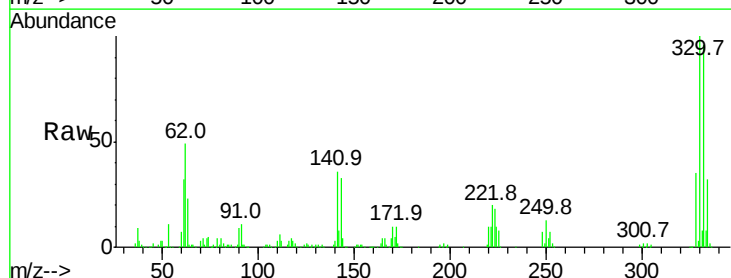


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

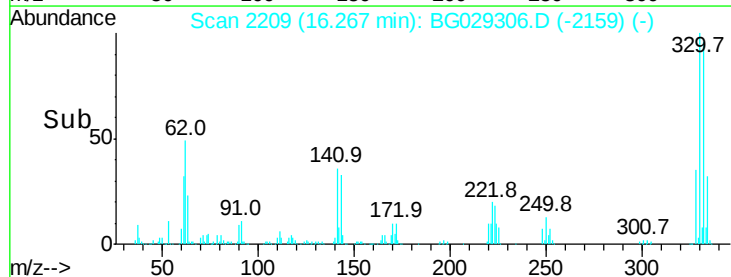
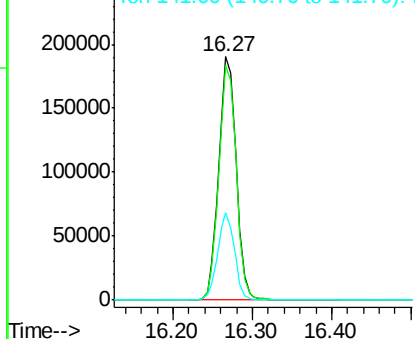


#41
2,4,6-Tribromophenol
Concen: 104.266 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion:330 Resp: 291019
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 34.4 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

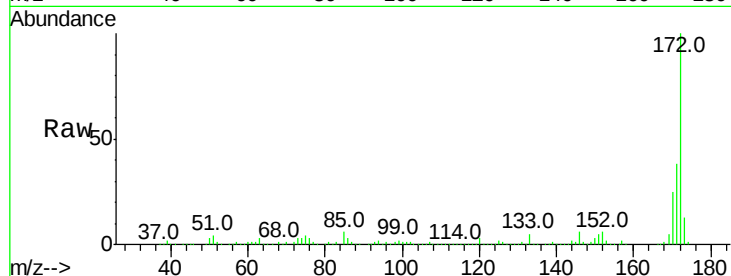




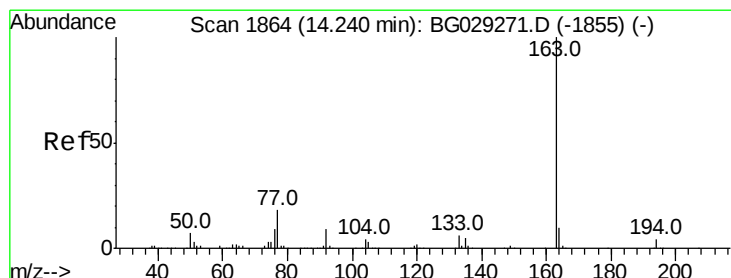
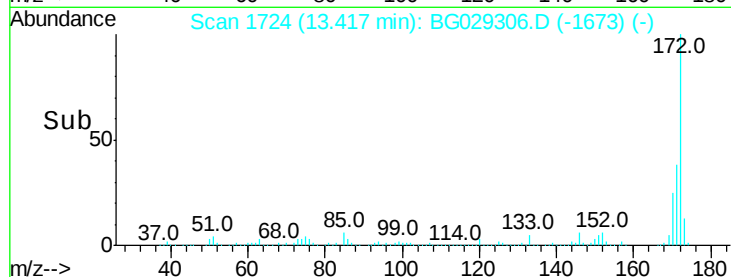
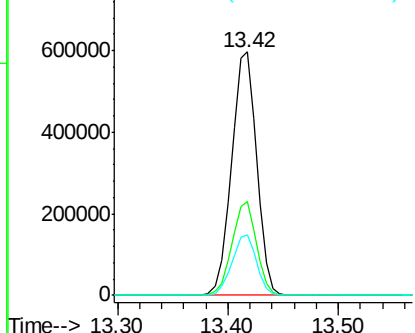
#44
2-Fluorobiphenyl
Concen: 64.476 ng
RT: 13.42 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampleId :
ENV-105-4(10-15)

Tot Ion:172 Resp: 950357
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 25.1 19.5 29.3

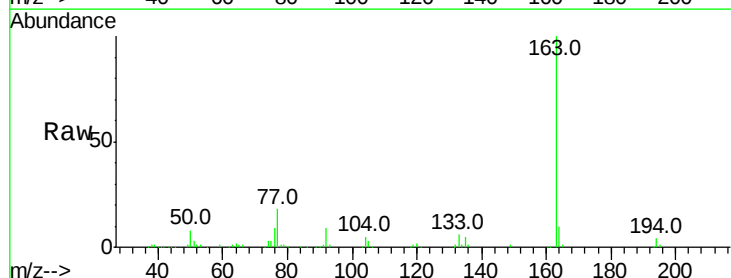


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

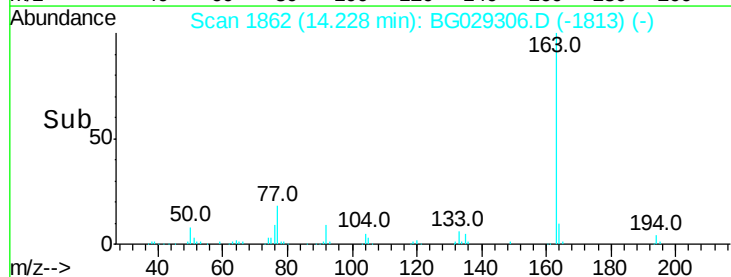
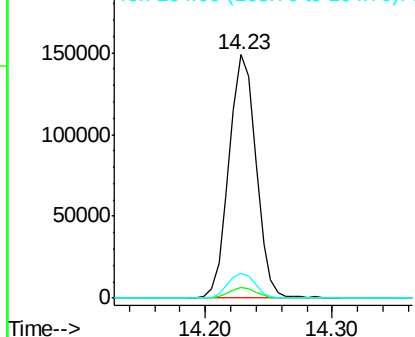


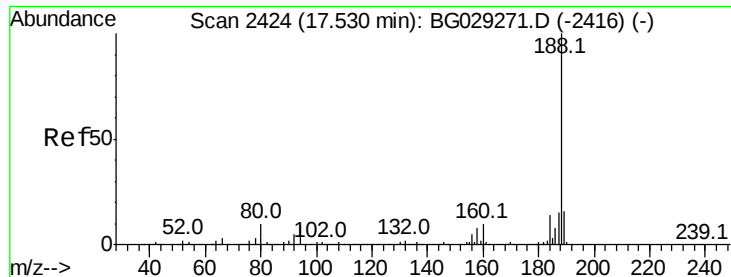
#49
Dimethylphthalate
Concen: 13.041 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion:163 Resp: 219969
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

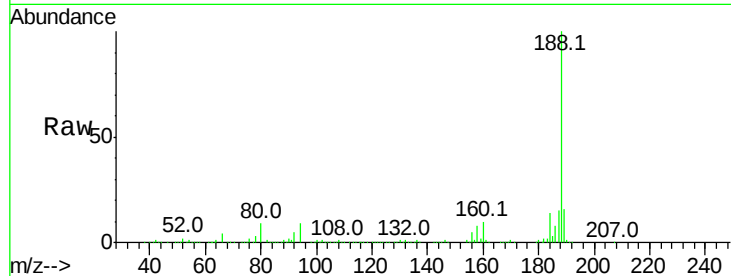




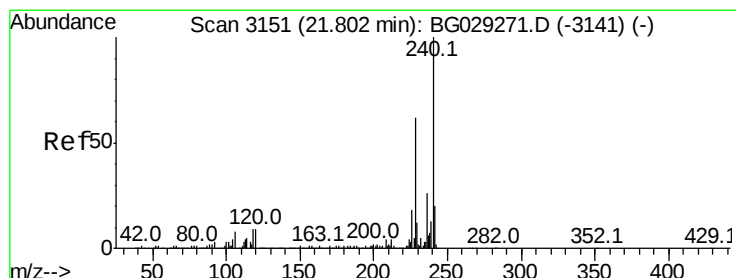
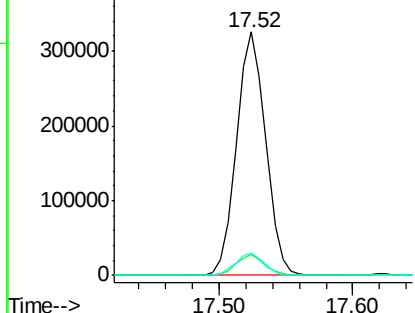
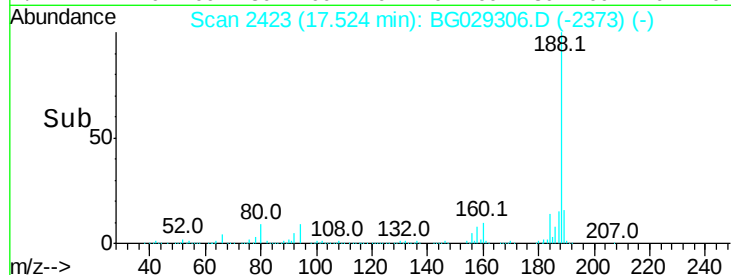
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampleId :
ENV-105-4(10-15)

Tot Ion:188 Resp: 490651
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.2 7.7 11.5

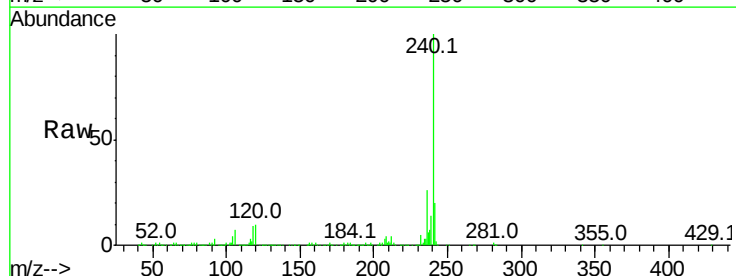


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

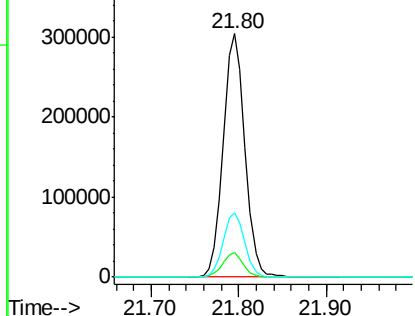
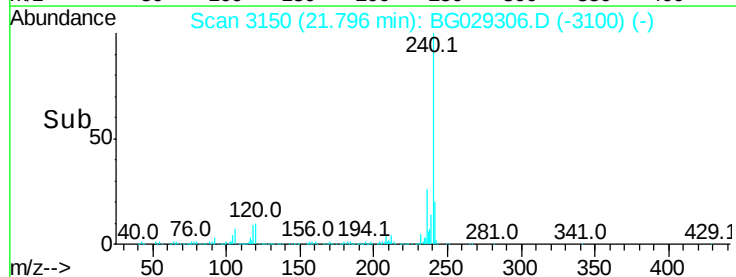


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion:240 Resp: 519339
Ion Ratio Lower Upper
240 100
120 10.0 6.8 10.2
236 26.4 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: 58.714 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

Instrument :

BNA_G

ClientSampleId :

ENV-105-4(10-15)

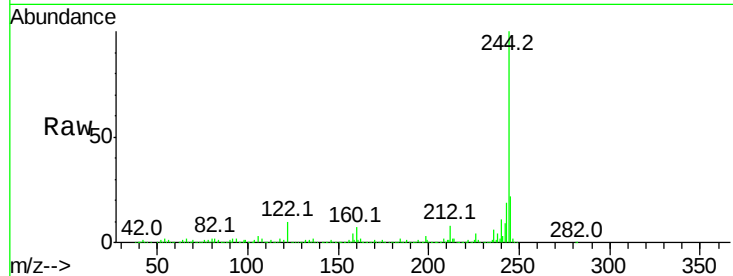
Tot Ion:244 Resp: 1340375

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

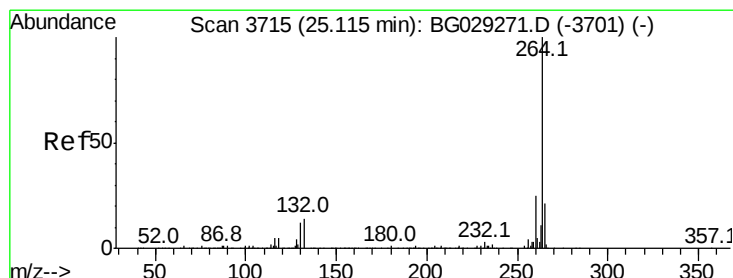
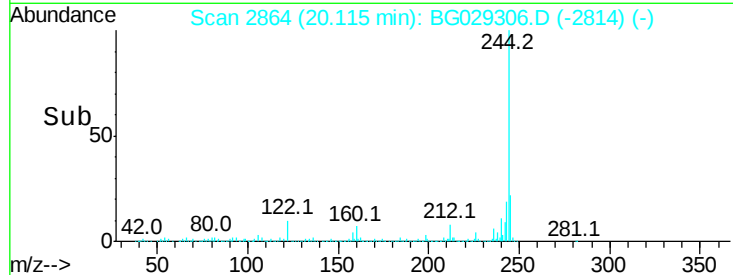
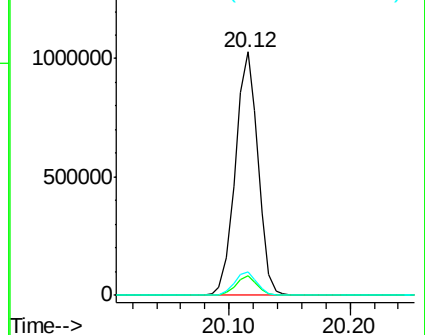
122 9.6 7.0 10.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

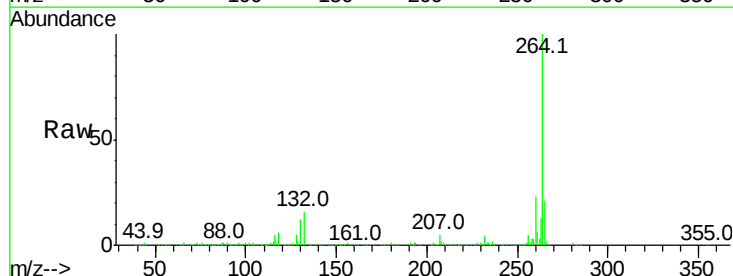
Tgt Ion:264 Resp: 527749

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.0 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

