

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029346.D
 Acq On : 19 Oct 2017 00:30
 Operator : SJ/JU
 Sample : I5836-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-125-5(5-10)

Quant Time: Oct 19 02:05:04 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

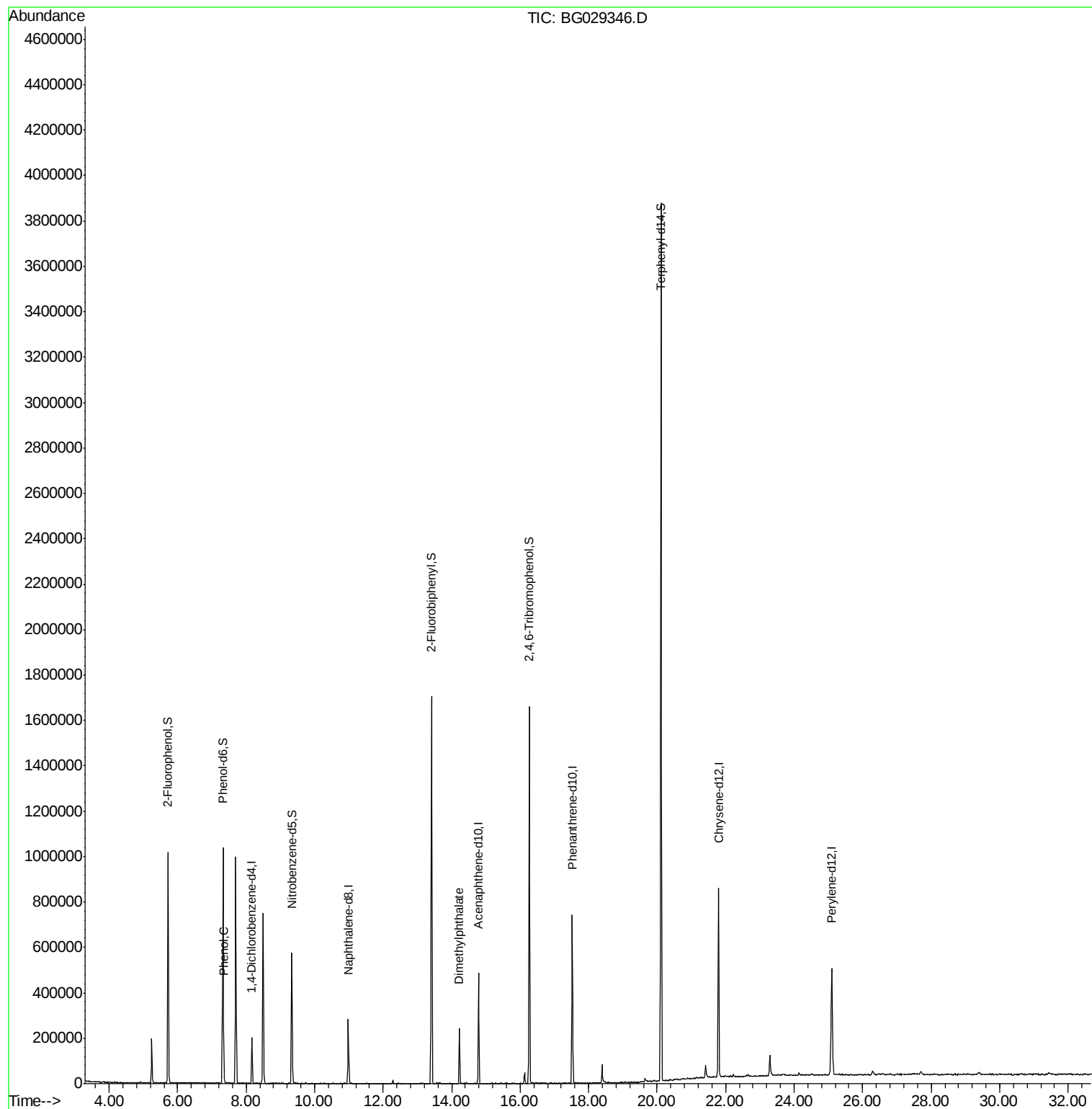
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58516	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	255903	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	168297	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	446323	20.00	ng	0.00
75) Chrysene-d12	21.79	240	515557	20.00	ng	0.00
86) Perylene-d12	25.09	264	519442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	457799	130.70	ng	0.00
7) Phenol-d6	7.32	99	609638	123.99	ng	0.00
23) Nitrobenzene-d5	9.33	82	349929	86.90	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	331353	152.49	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	947205	82.55	ng	0.00
78) Terphenyl-d14	20.11	244	1713617	75.61	ng	0.00
Target Compounds						
10) Phenol	7.34	94	30979	5.844	ng	96
49) Dimethylphthalate	14.22	163	162691	12.390	ng	99

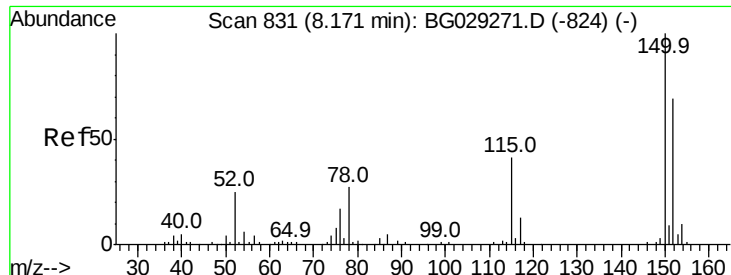
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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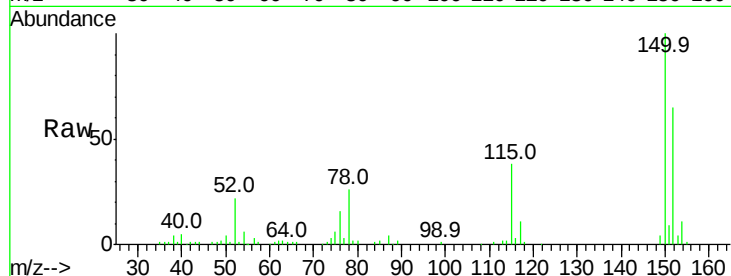


#1

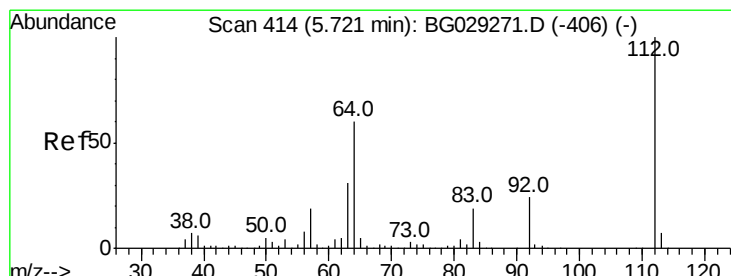
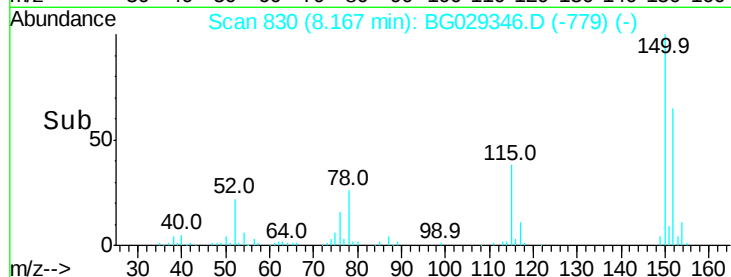
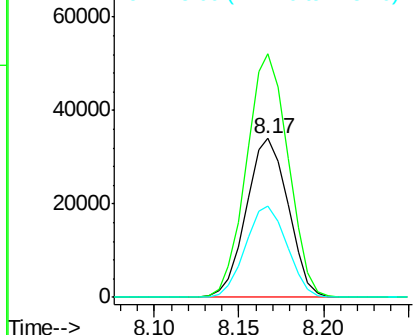
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Instrument :
BNA_G
ClientSampleId :
ENV-125-5(5-10)

Tot Ion:152 Resp: 58516
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 57.7 53.0 79.4



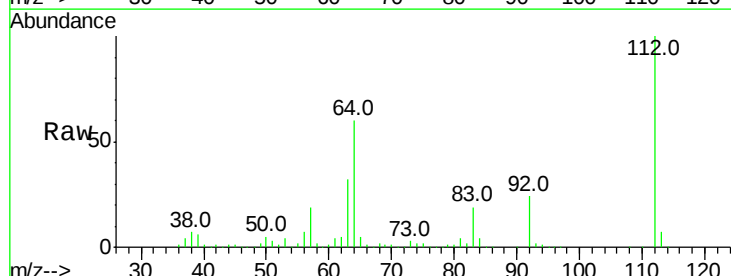
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



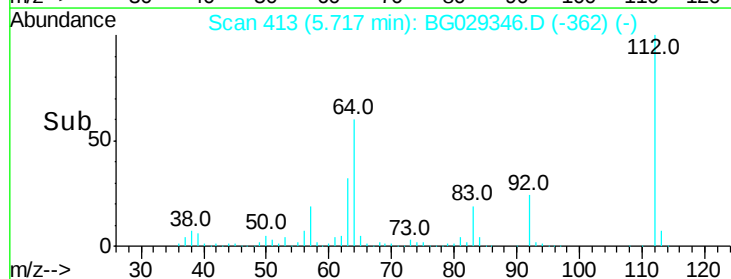
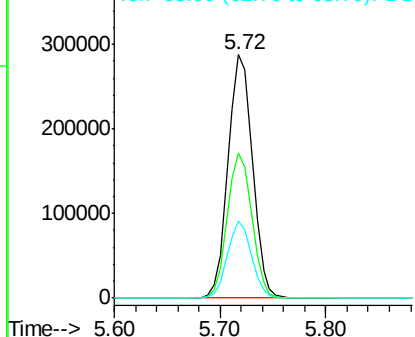
#5

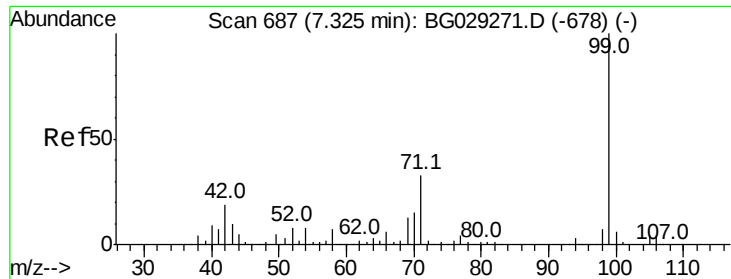
2-Fluorophenol
Concen: 130.695 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion:112 Resp: 457799
Ion Ratio Lower Upper
112 100
64 59.8 56.3 84.5
63 31.8 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: 123.993 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

Instrument :

BNA_G

ClientSampleId :

ENV-125-5(5-10)

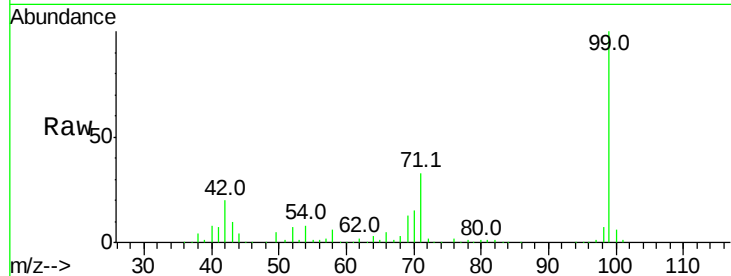
Tot Ion: 99 Resp: 609638

Ion Ratio Lower Upper

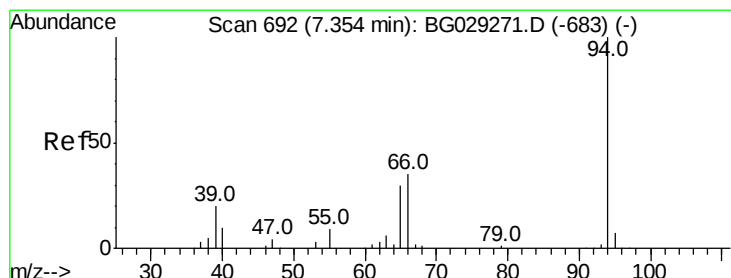
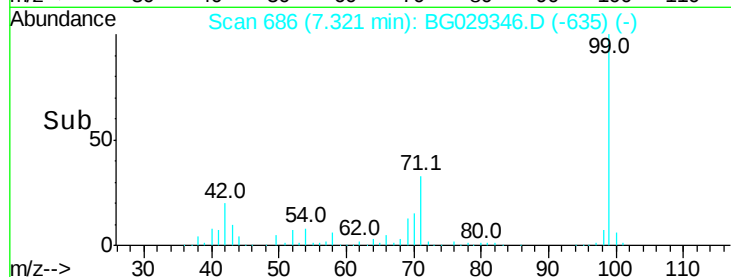
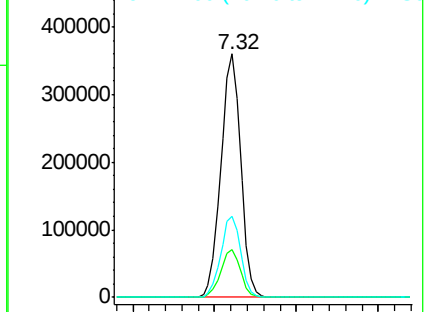
99 100

42 19.5 14.1 21.1

71 33.3 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: 5.844 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

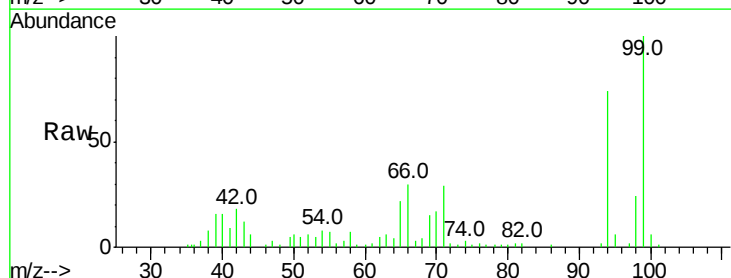
Tgt Ion: 94 Resp: 30979

Ion Ratio Lower Upper

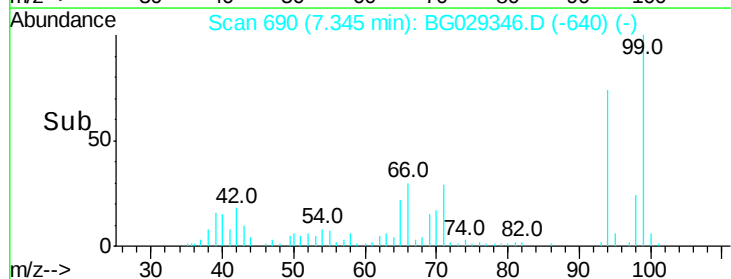
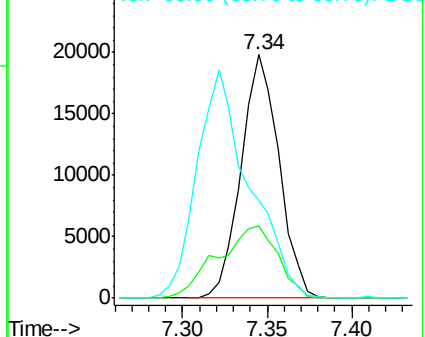
94 100

65 29.5 11.9 51.9

66 40.1 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

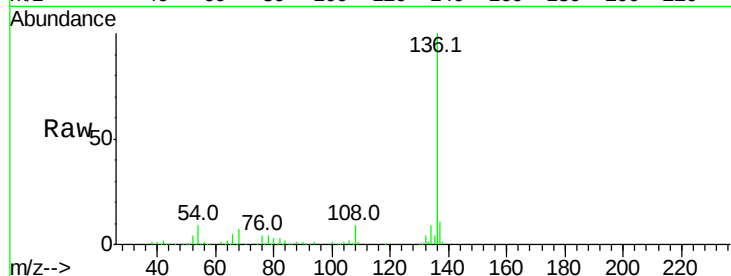




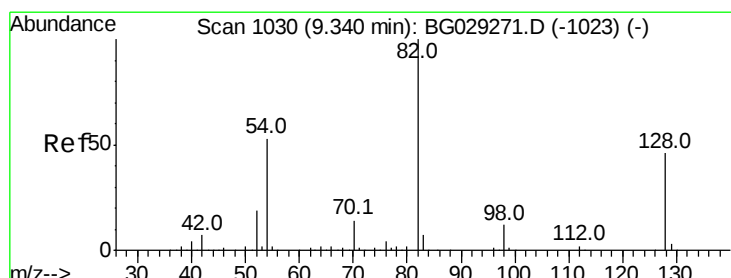
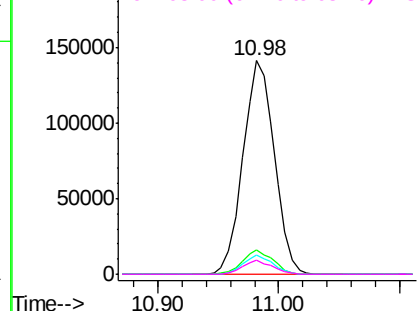
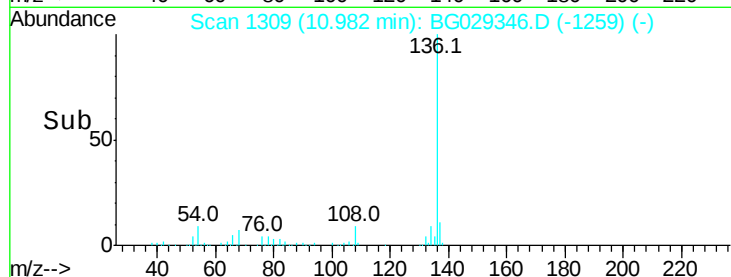
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Instrument :
BNA_G
ClientSampleId :
ENV-125-5(5-10)

Tot Ion:136	Resp:	255903
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	8.9	10.3 15.5#
68	6.6	4.5 6.7

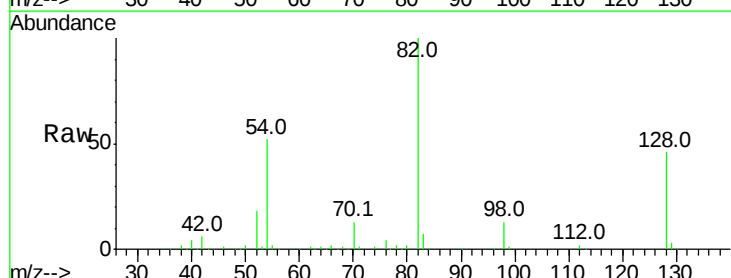


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

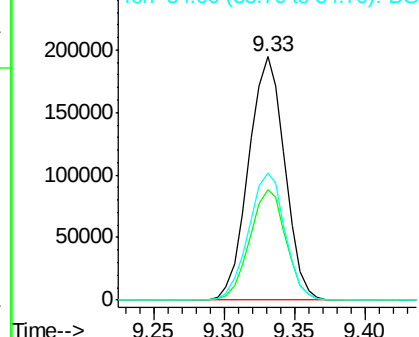
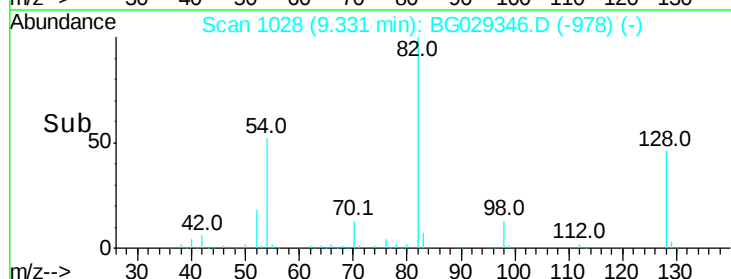


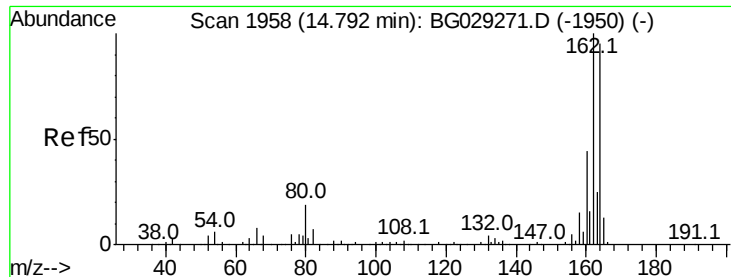
#23
Nitrobenzene-d5
Concen: 86.896 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion: 82	Resp:	349929
Ion	Ratio	Lower Upper
82	100	
128	45.6	29.7 44.5#
54	52.4	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

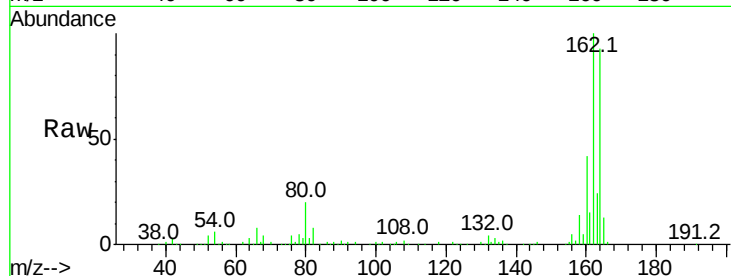




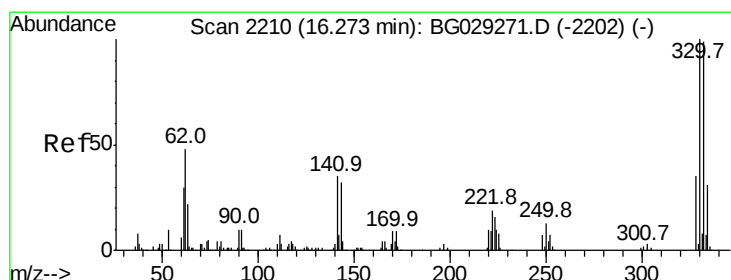
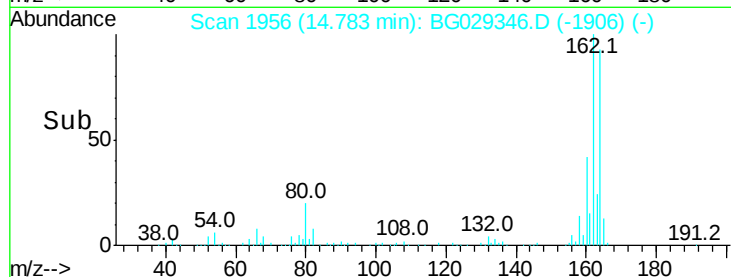
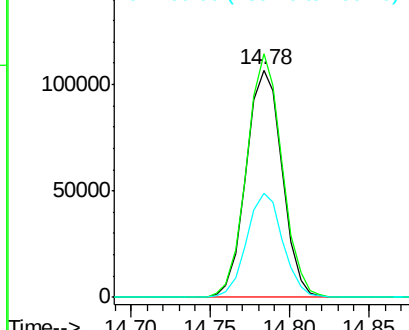
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Instrument :
BNA_G
ClientSampleId :
ENV-125-5(5-10)

Tot Ion:164 Resp: 168297
Ion Ratio Lower Upper
164 100
162 107.1 78.8 118.2
160 45.5 35.4 53.0

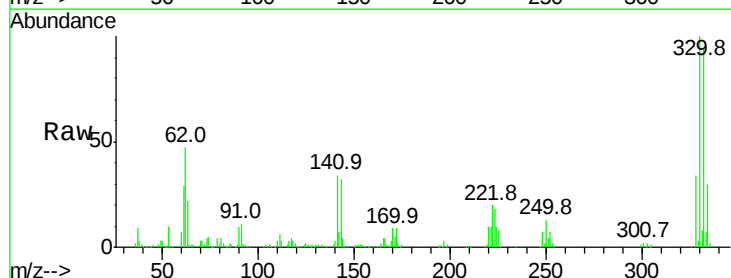


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

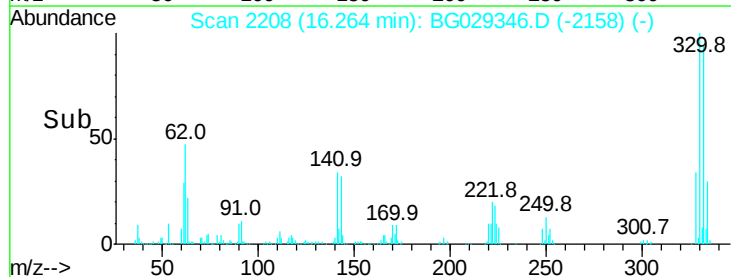
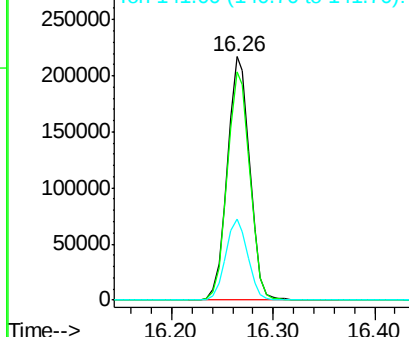


#41
2,4,6-Tribromophenol
Concen: 152.494 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion:330 Resp: 331353
Ion Ratio Lower Upper
330 100
332 94.9 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

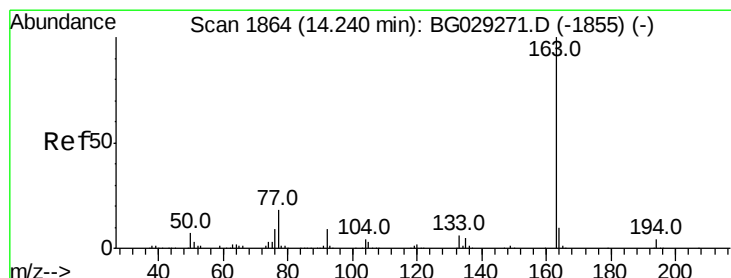
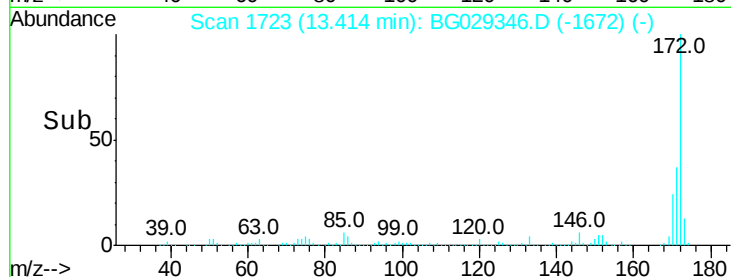
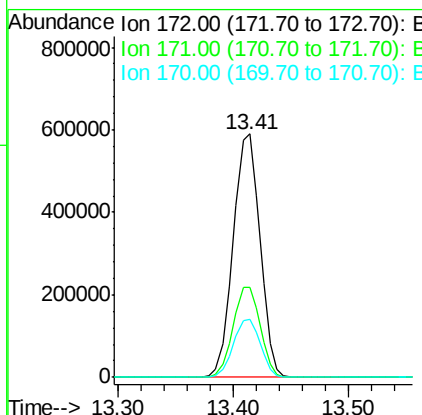
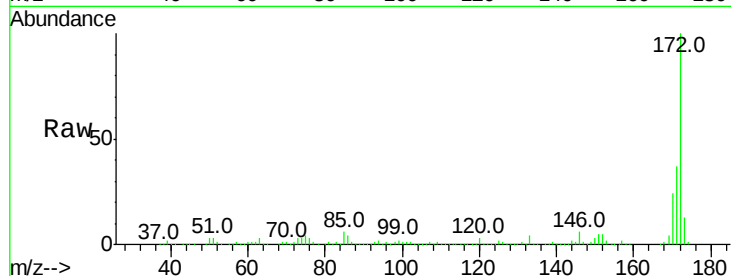




#44
2-Fluorobiphenyl
Concen: 82.546 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

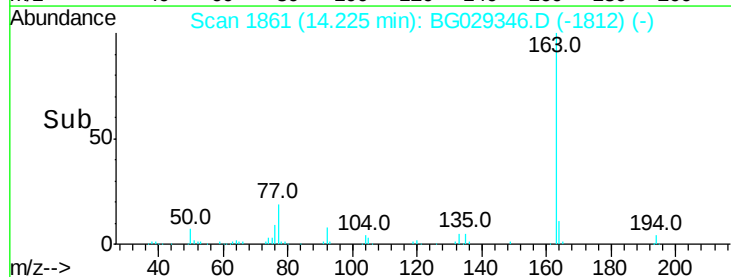
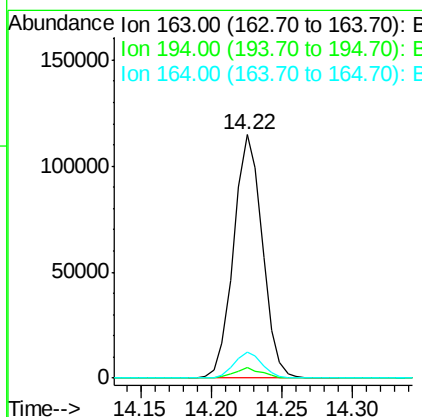
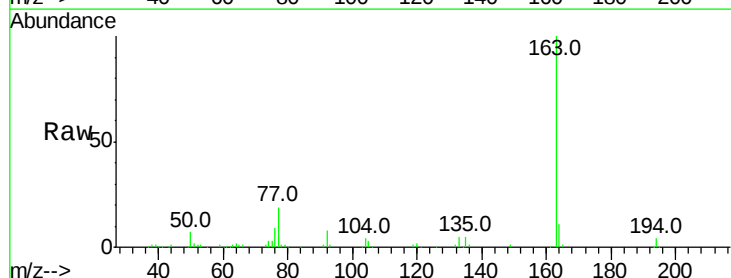
Instrument :
BNA_G
ClientSampleId :
ENV-125-5(5-10)

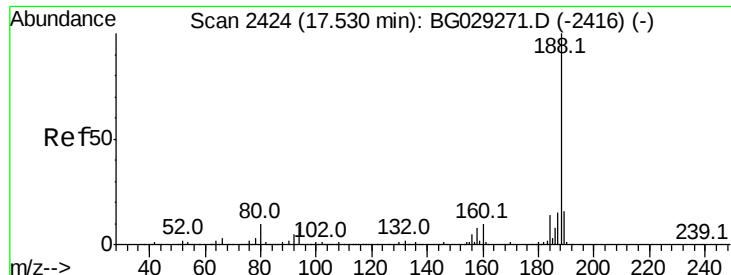
Tot Ion:172 Resp: 947205
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 12.390 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion:163 Resp: 162691
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.7 8.2 12.4

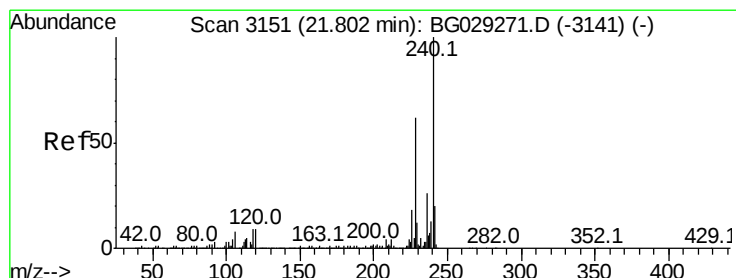
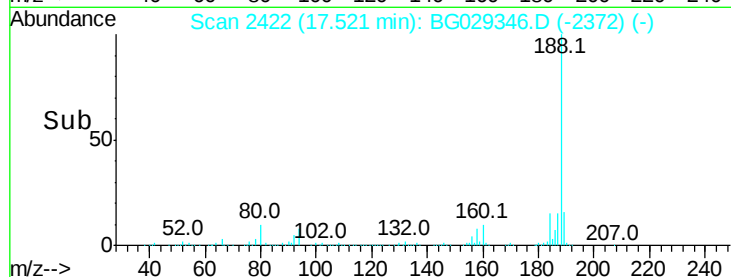
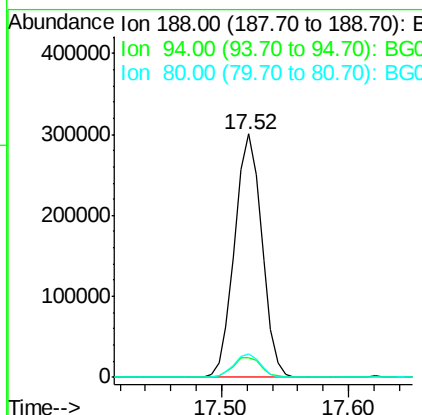
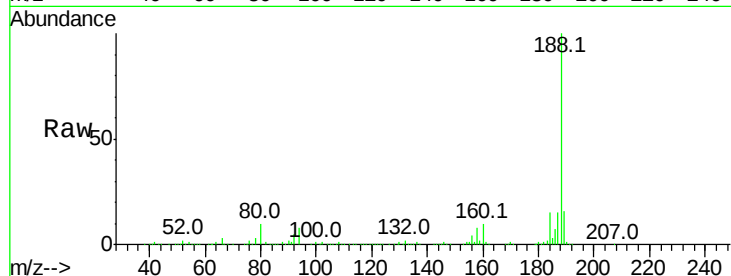




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

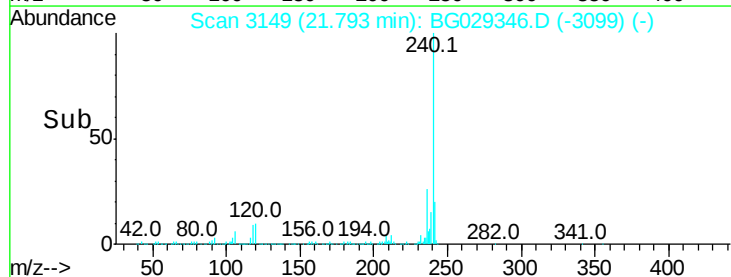
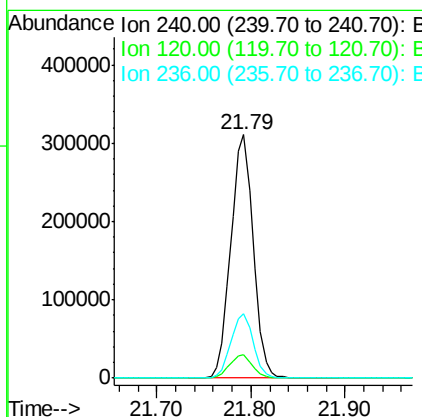
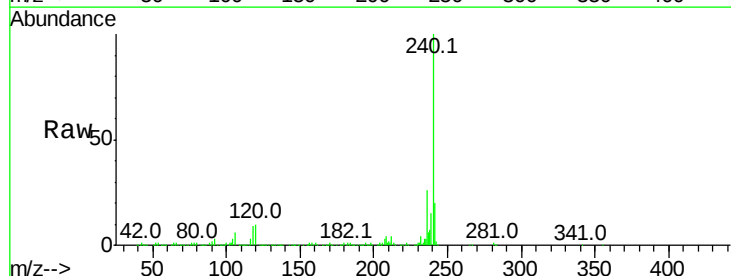
Instrument :
BNA_G
ClientSampleId :
ENV-125-5(5-10)

Tot Ion:188 Resp: 446323
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.8 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: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion:240 Resp: 515557
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 75.615 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

Instrument :

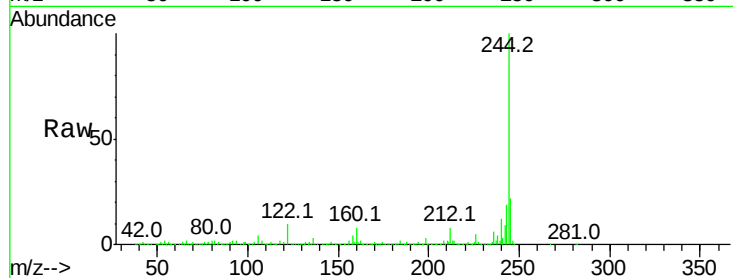
BNA_G

ClientSampleId :

ENV-125-5(5-10)

Tot Ion:244 Resp: 1713617

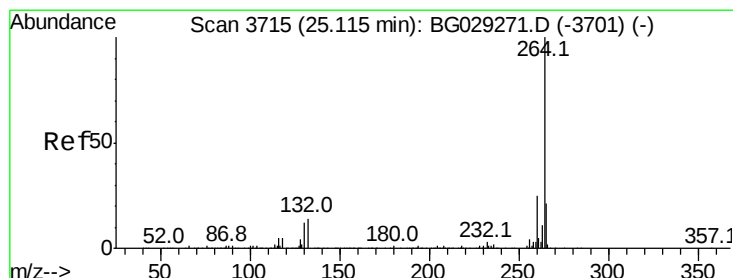
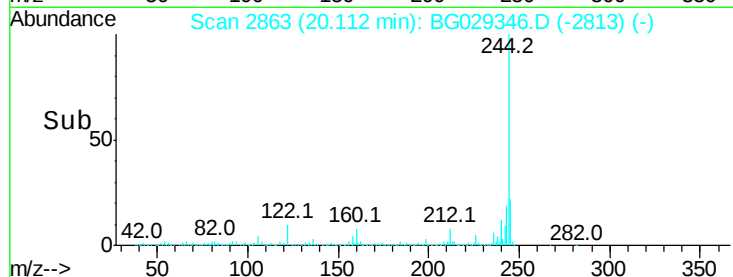
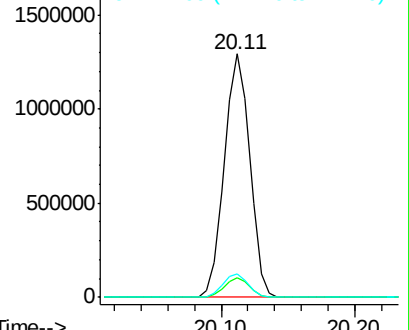
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.8	7.0	10.4



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: 25.09 min Scan# 3711

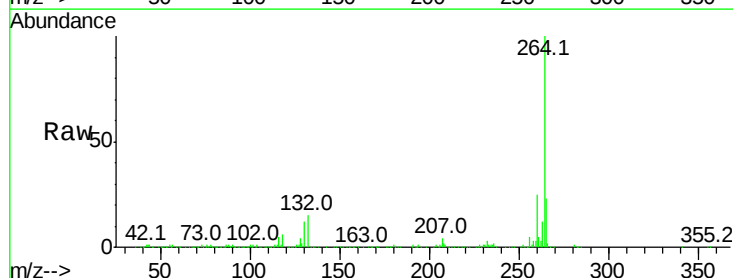
Delta R.T. -0.02 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

Tgt Ion:264 Resp: 519442

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.7	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

