

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029302.D
 Acq On : 17 Oct 2017 15:35
 Operator : SJ/JU
 Sample : I5794-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-5(0-10)

Quant Time: Oct 18 01:25:40 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

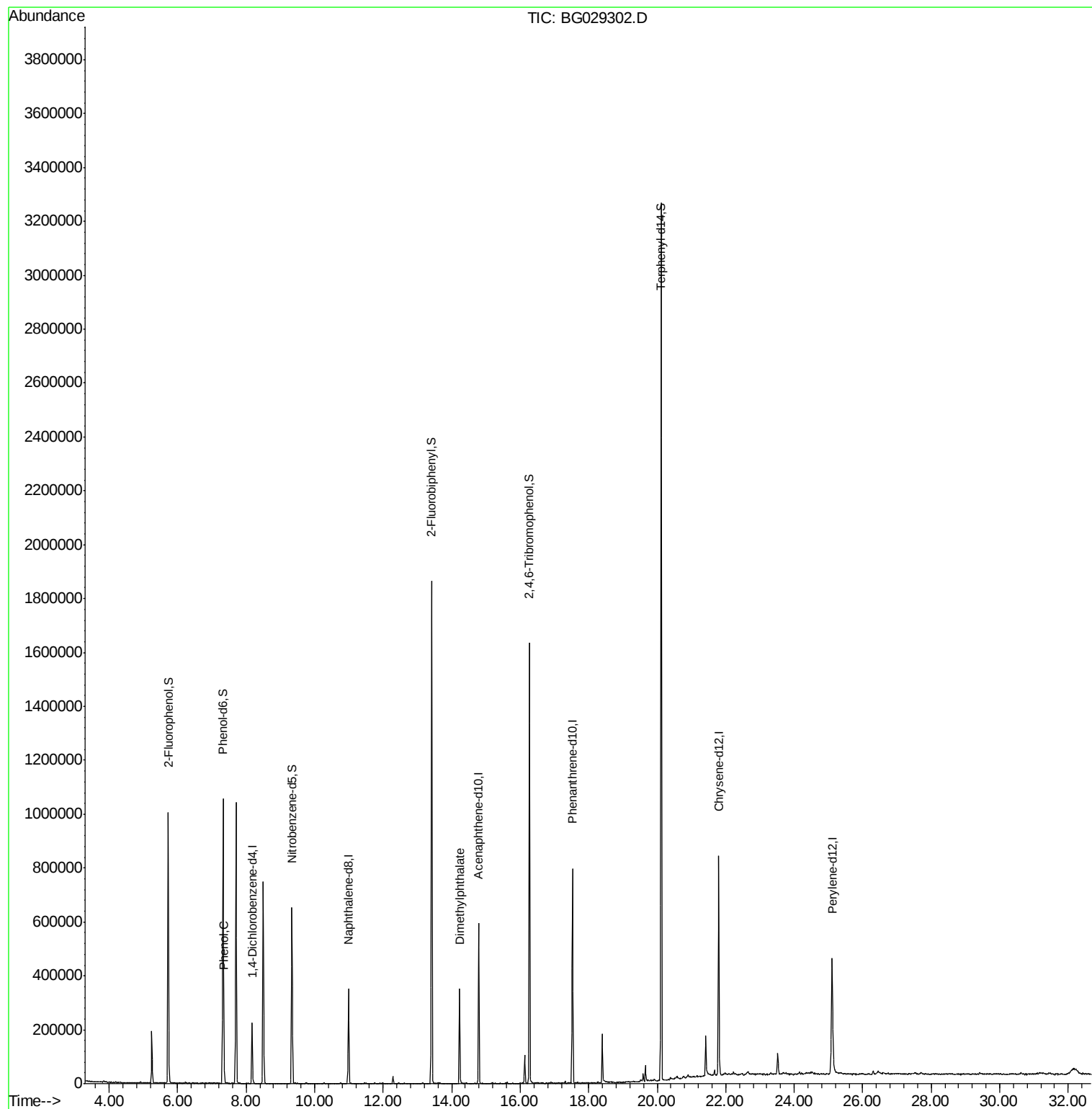
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64708	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	317507	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	205321	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	472862	20.00	ng	0.00
75) Chrysene-d12	21.80	240	501927	20.00	ng	0.00
86) Perylene-d12	25.10	264	510565	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	455361	117.56	ng	0.00
7) Phenol-d6	7.33	99	645584	118.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	393303	78.72	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	315693	119.09	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1013072	72.37	ng	0.00
78) Terphenyl-d14	20.12	244	1513293	68.59	ng	0.00
Target Compounds						
10) Phenol	7.35	94	40658	6.936	ng	97
49) Dimethylphthalate	14.23	163	244633	15.271	ng	99

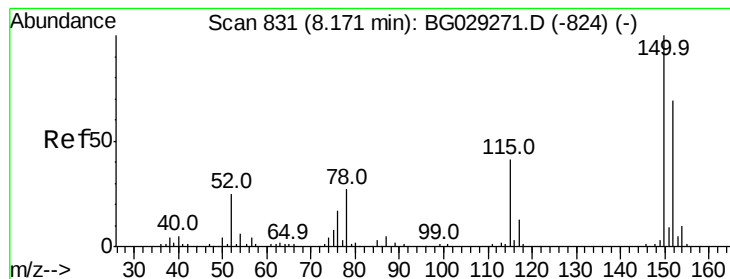
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-5(0-10)

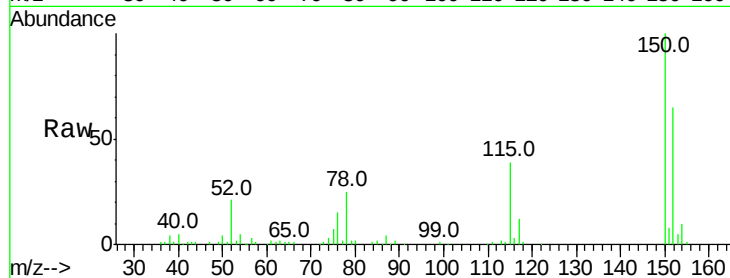
Tot Ion:152 Resp: 64708

Ion Ratio Lower Upper

152 100

150 153.9 126.6 189.8

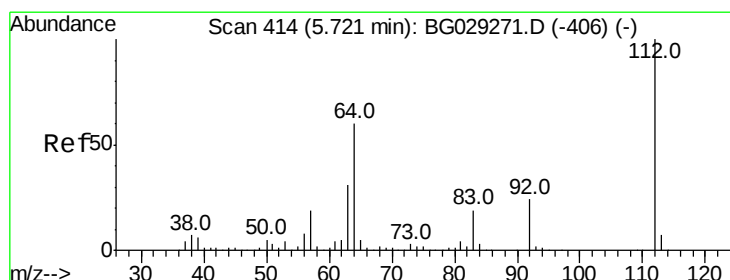
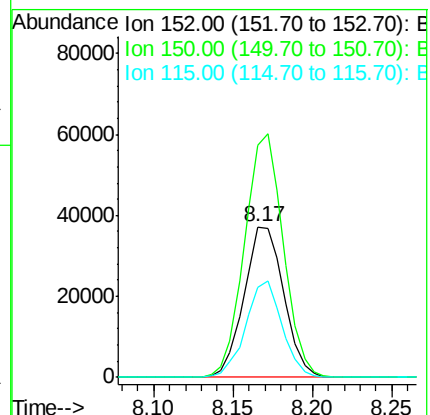
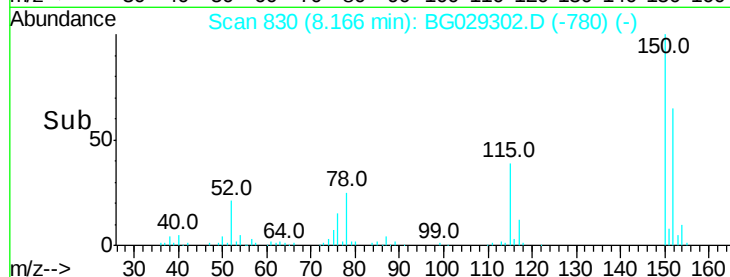
115 59.4 53.0 79.4



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: 117.560 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

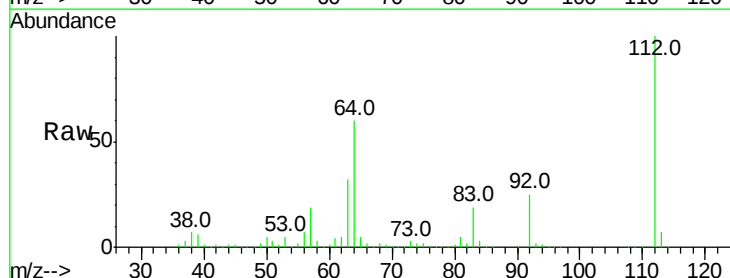
Tgt Ion:112 Resp: 455361

Ion Ratio Lower Upper

112 100

64 60.3 56.3 84.5

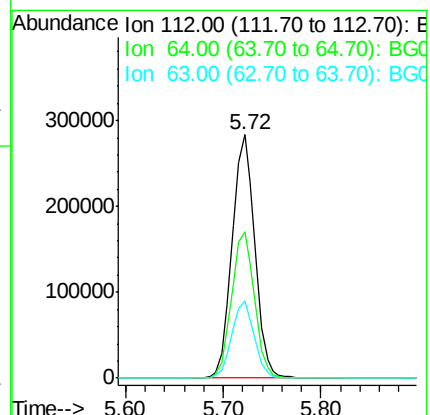
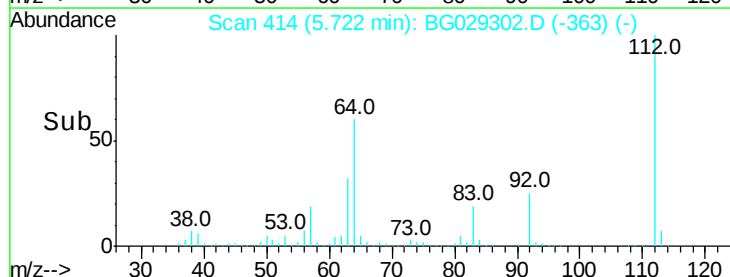
63 31.7 30.1 45.1



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: 118.739 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-5(0-10)

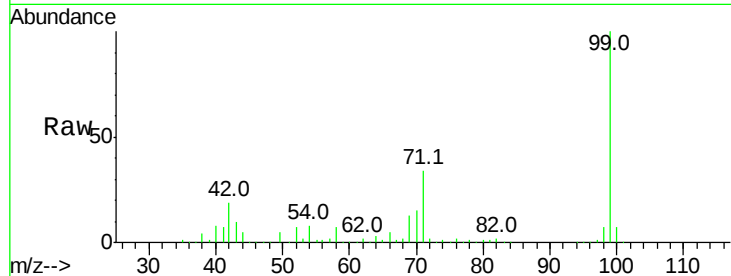
Tot Ion: 99 Resp: 645584

Ion Ratio Lower Upper

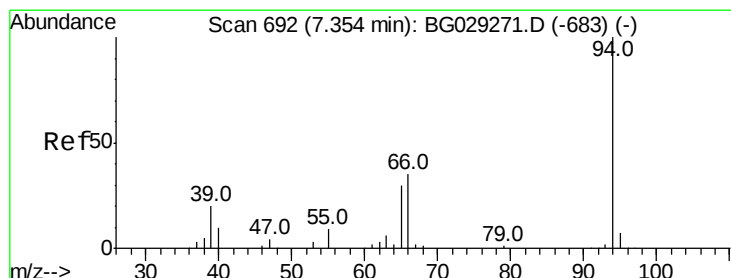
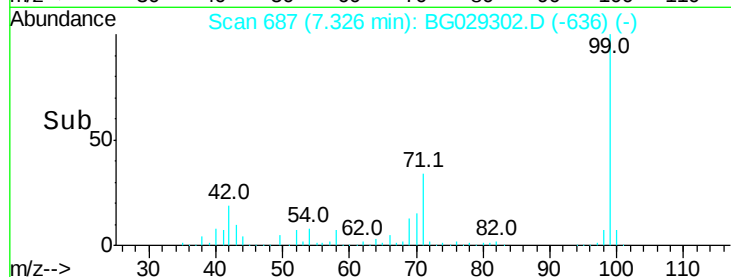
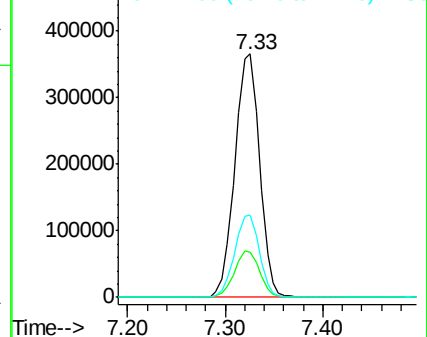
99 100

42 18.8 14.1 21.1

71 33.9 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: 6.936 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

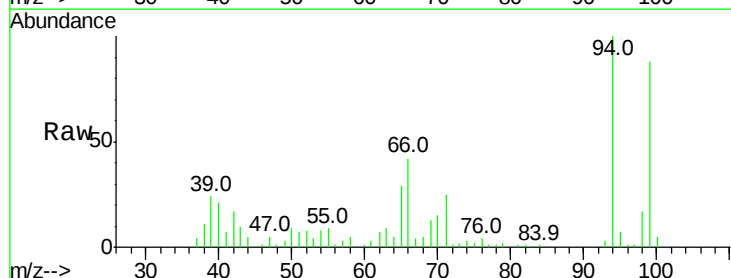
Tgt Ion: 94 Resp: 40658

Ion Ratio Lower Upper

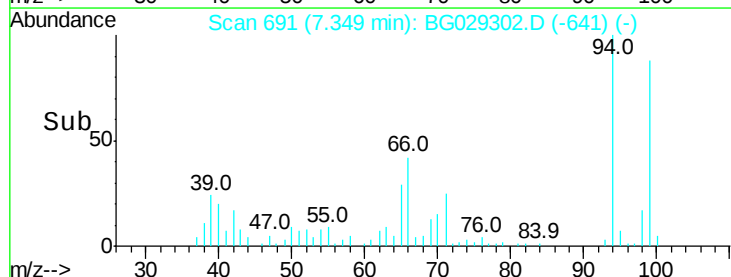
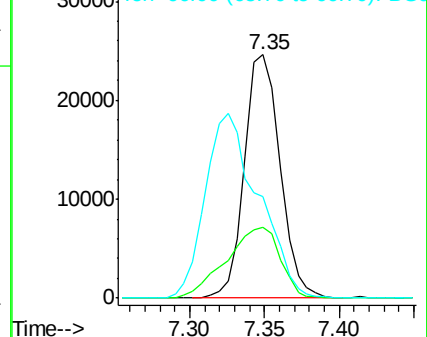
94 100

65 29.0 11.9 51.9

66 41.5 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

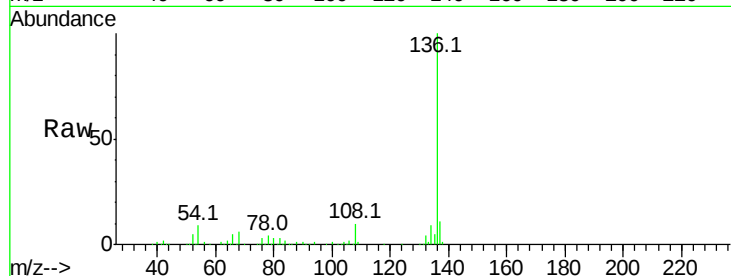




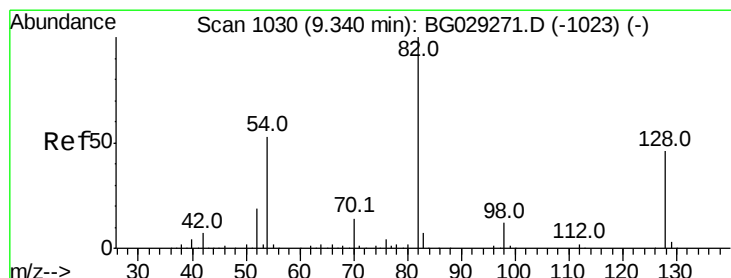
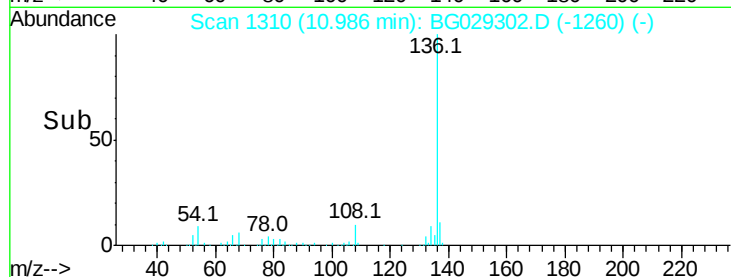
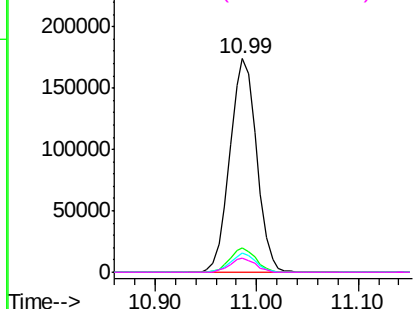
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Instrument :
BNA_G
ClientSampleId :
ENV-106-5(0-10)

Tot Ion:136	Resp:	317507
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.9	10.3 15.5#
68	6.3	4.5 6.7

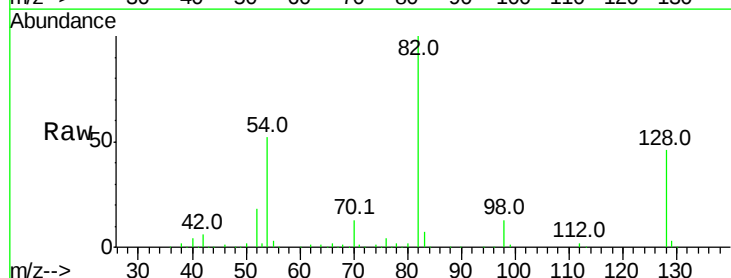


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

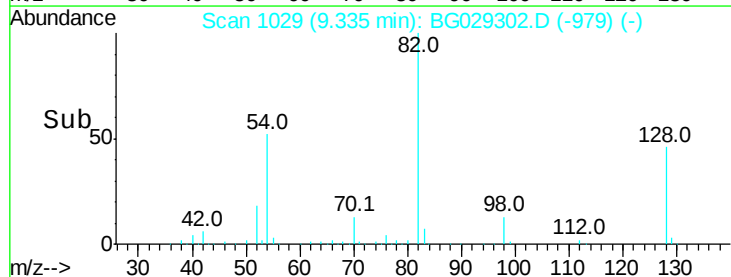
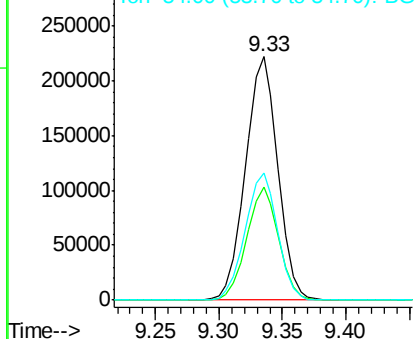


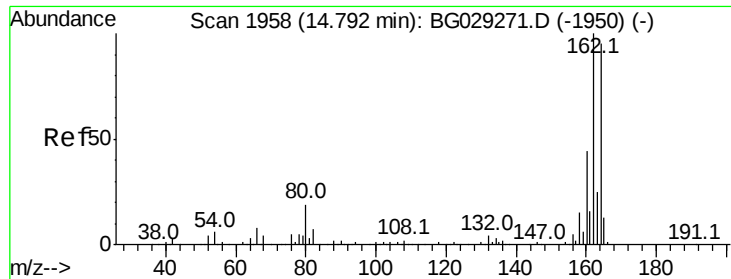
#23
Nitrobenzene-d5
Concen: 78.717 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Tgt Ion: 82	Resp:	393303
Ion Ratio	Lower	Upper
82	100	
128	46.3	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: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-5(0-10)

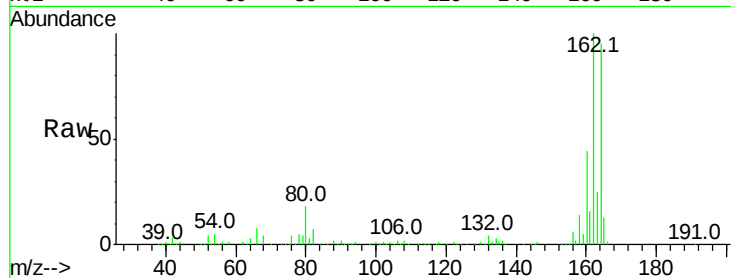
Tot Ion:164 Resp: 205321

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

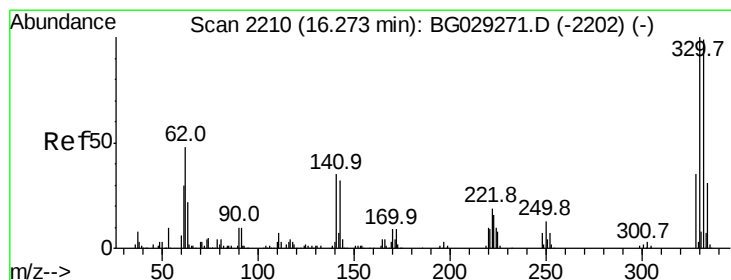
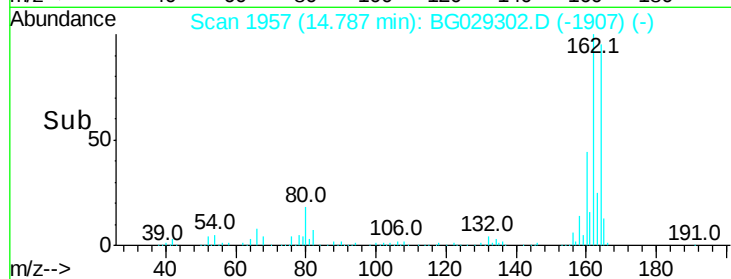
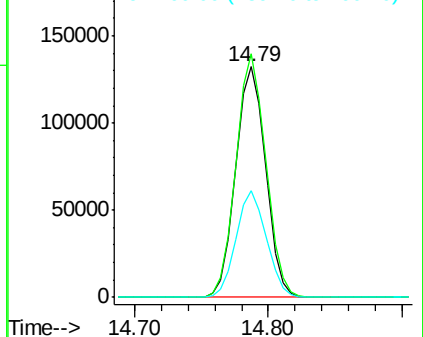
160 46.2 35.4 53.0



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: 119.089 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

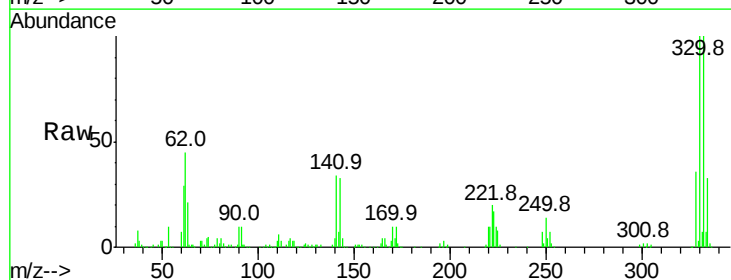
Tgt Ion:330 Resp: 315693

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

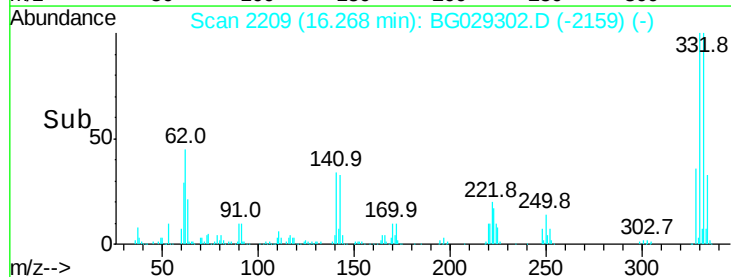
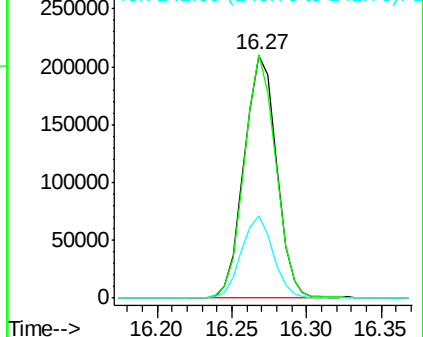
141 33.3 25.2 37.8



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

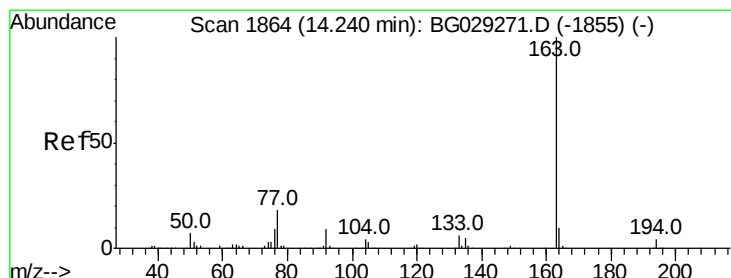
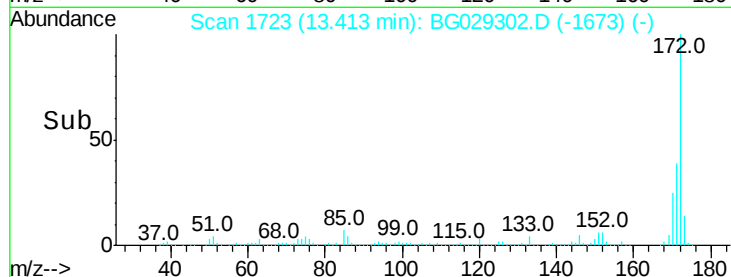
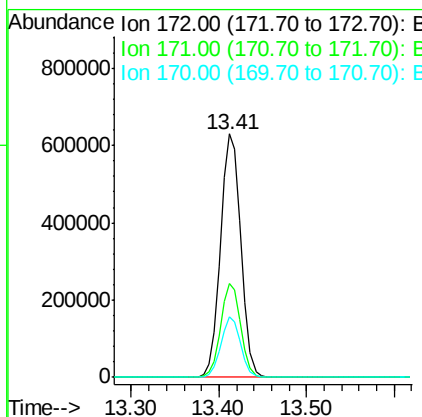
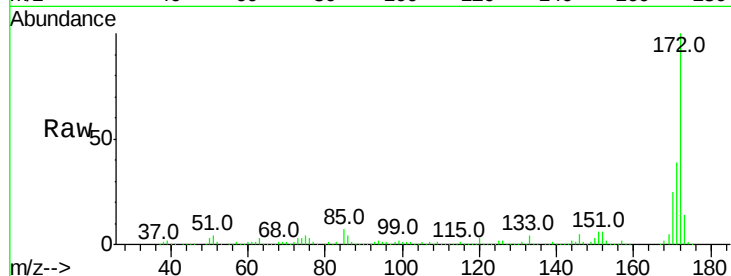




#44
2-Fluorobiphenyl
Concen: 72.366 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

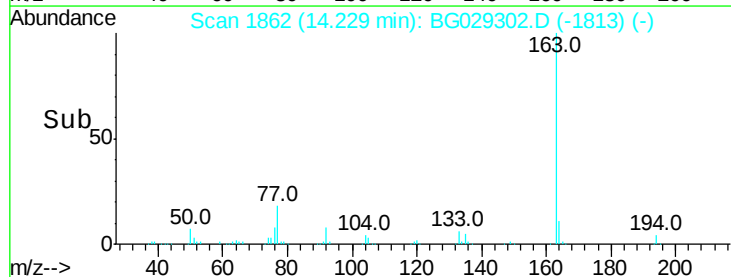
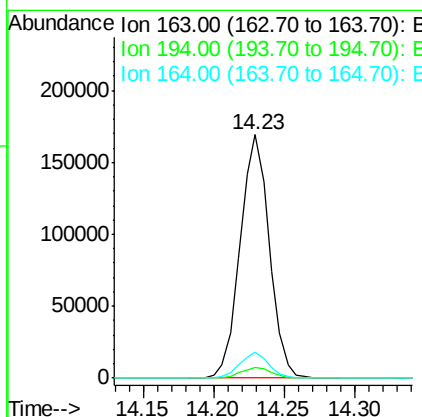
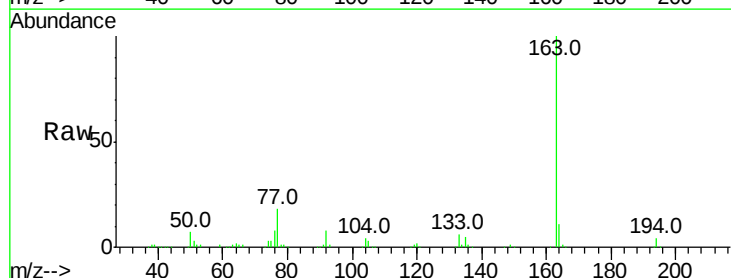
Instrument :
BNA_G
ClientSampleId :
ENV-106-5(0-10)

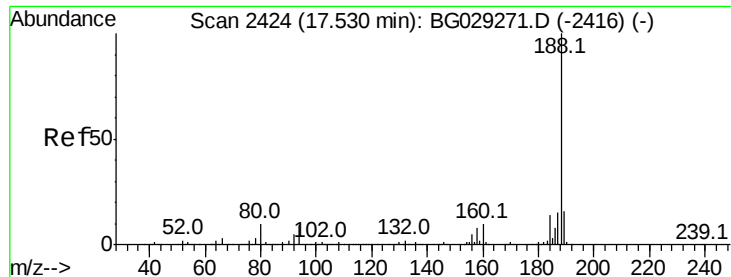
Tot Ion:172 Resp: 1013072
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 24.6 19.5 29.3



#49
Dimethylphthalate
Concen: 15.271 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Tgt Ion:163 Resp: 244633
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.5 8.2 12.4

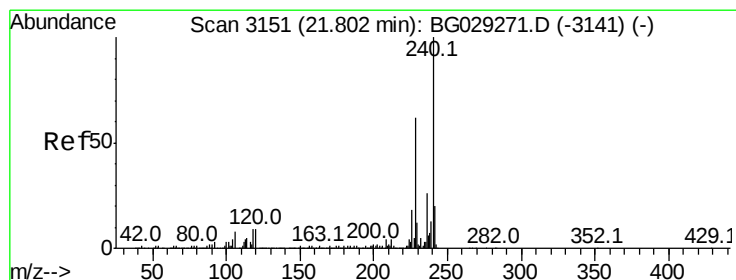
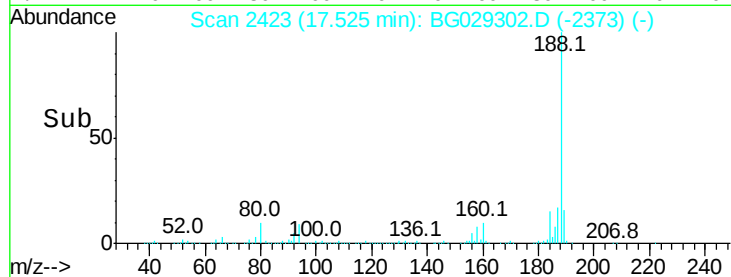
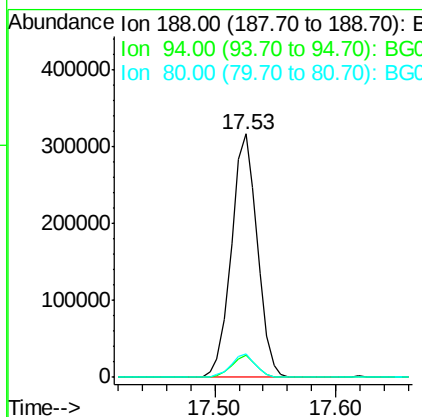
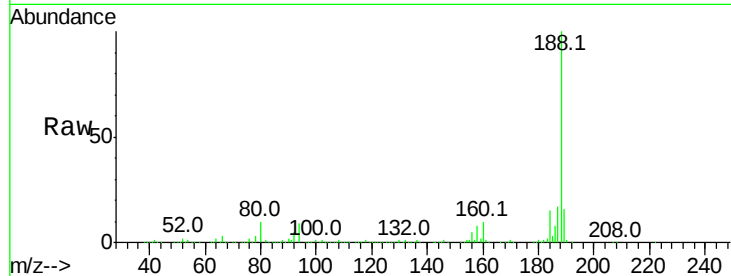




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

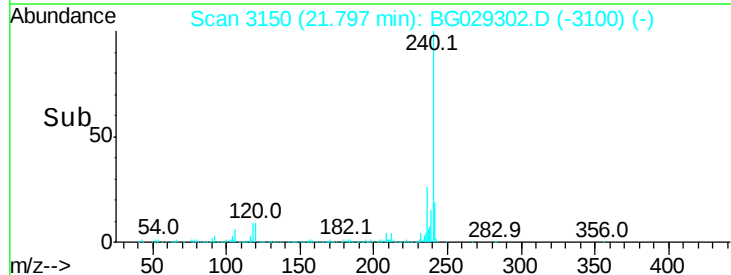
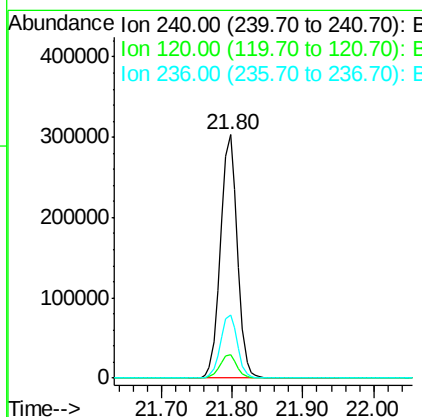
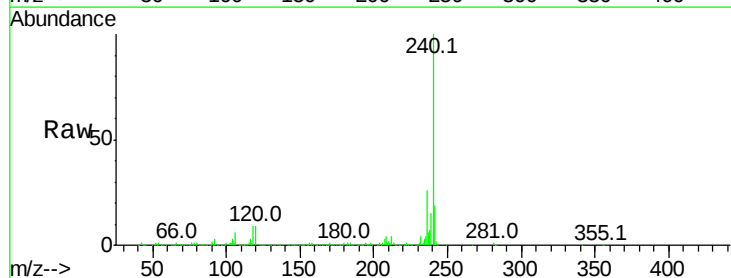
Instrument :
BNA_G
ClientSampleId :
ENV-106-5(0-10)

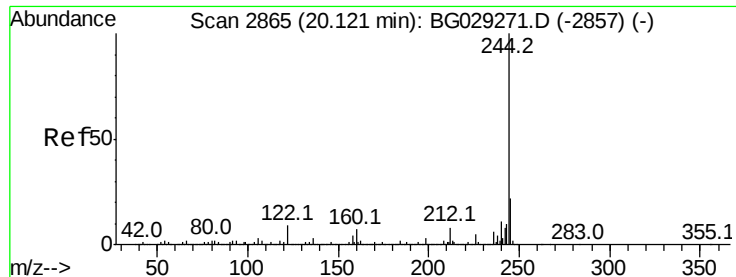
Tot Ion:188 Resp: 472862
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Tgt Ion:240 Resp: 501927
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 68.588 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-5(0-10)

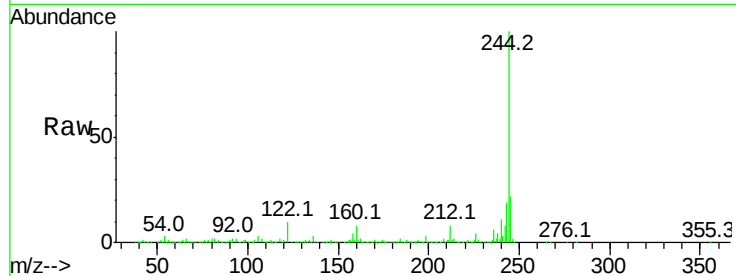
Tot Ion:244 Resp: 1513293

Ion Ratio Lower Upper

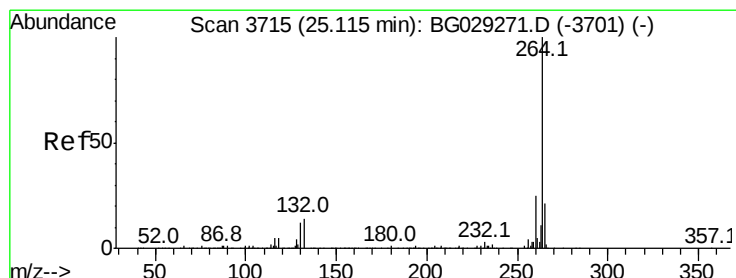
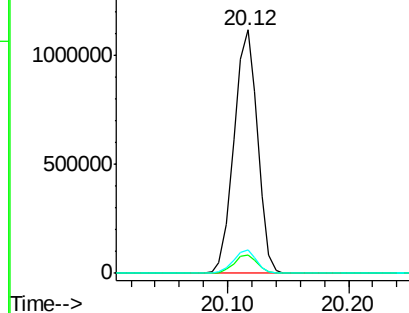
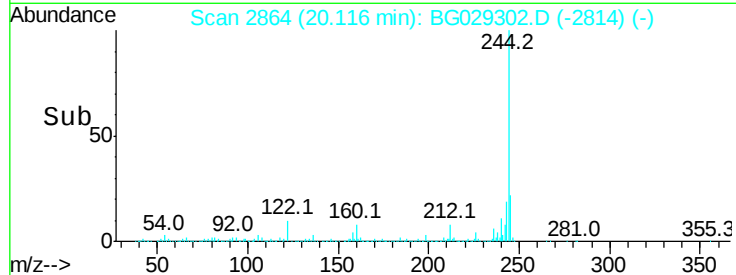
244 100

212 7.7 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: BG029302.D

Acq: 17 Oct 2017 15:35

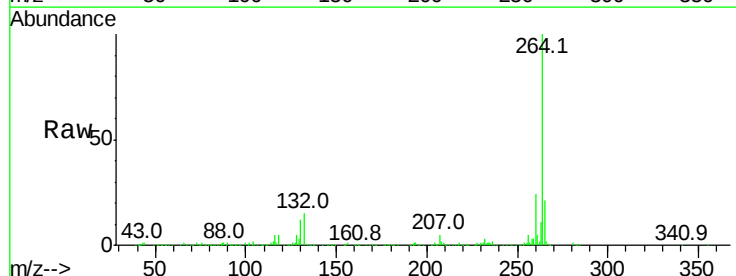
Tgt Ion:264 Resp: 510565

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.2 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

