

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030535.D
 Acq On : 28 Oct 2017 20:02
 Operator : SJ/JU
 Sample : I6071-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-116-5(20-30)

Quant Time: Oct 30 06:48:00 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

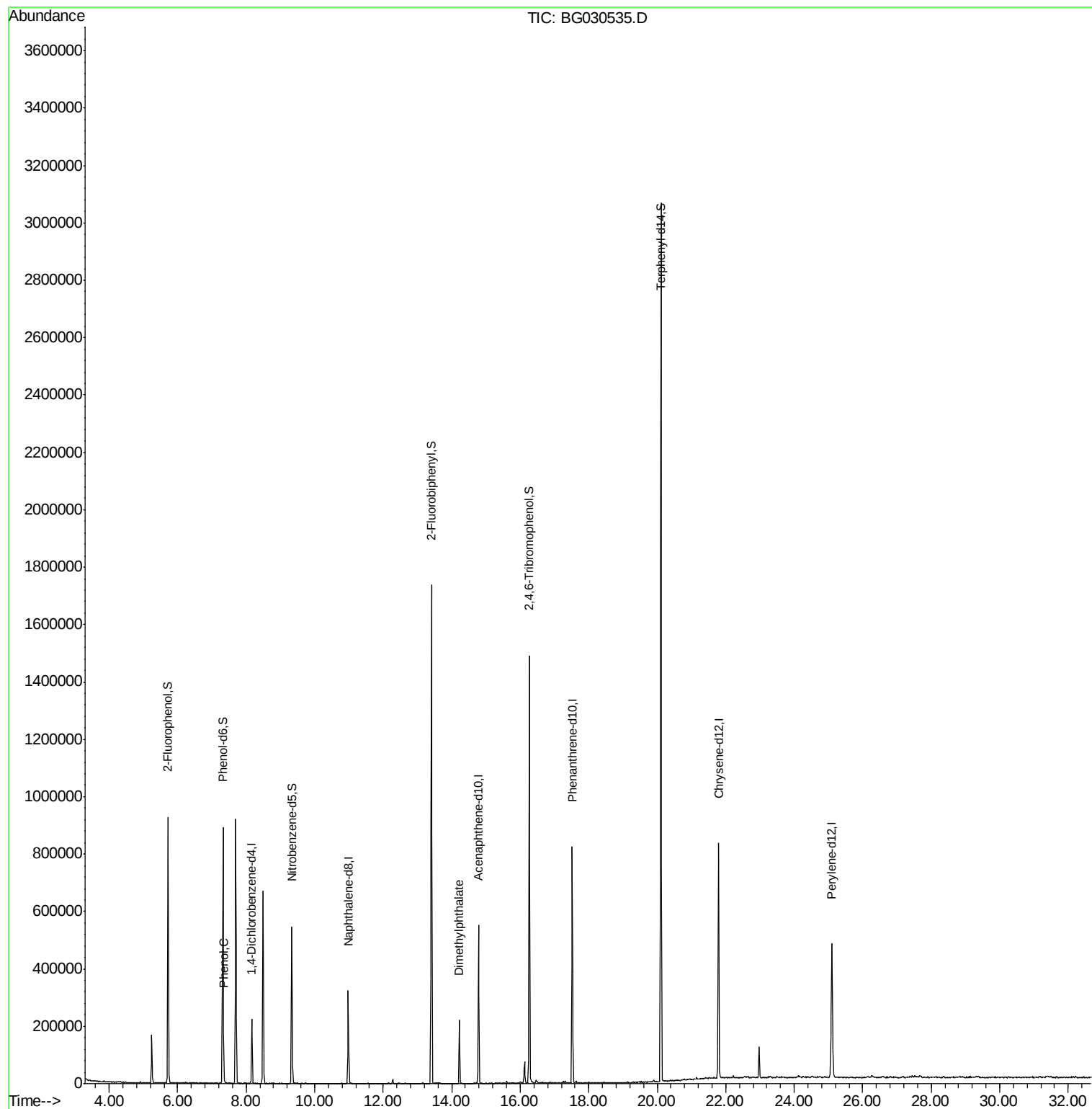
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66594	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	287881	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	196007	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	486015	20.00	ng	0.00
75) Chrysene-d12	21.79	240	516020	20.00	ng	0.00
86) Perylene-d12	25.10	264	509175	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	423917	106.34	ng	0.00
7) Phenol-d6	7.32	99	564955	100.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	327168	72.22	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	299157	118.21	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	908645	67.99	ng	0.00
78) Terphenyl-d14	20.11	244	1444595	63.69	ng	0.00
Target Compounds						
10) Phenol	7.34	94	15111	2.505	ng	97
49) Dimethylphthalate	14.22	163	154919	10.130	ng	99

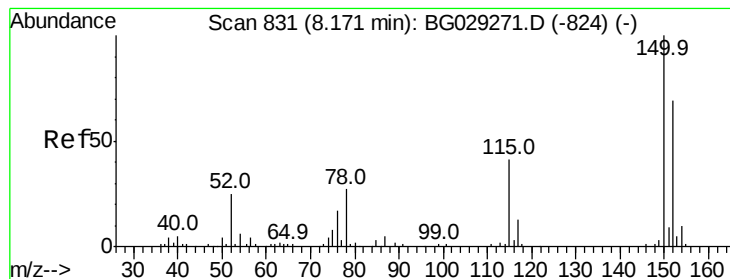
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG030535.D

Acq: 28 Oct 2017 20:02

Instrument :

BNA_G

ClientSampleId :

ENV-116-5(20-30)

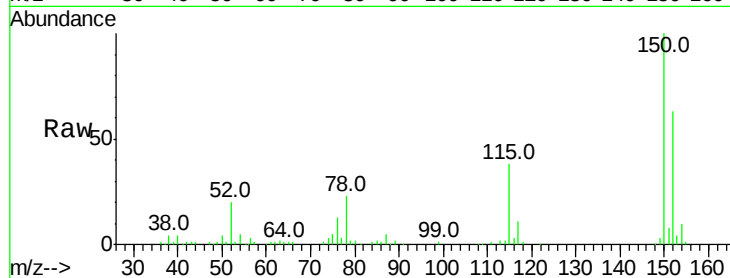
Tot Ion:152 Resp: 66594

Ion Ratio Lower Upper

152 100

150 158.4 126.6 189.8

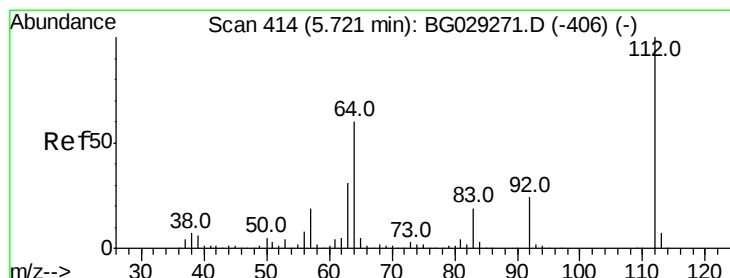
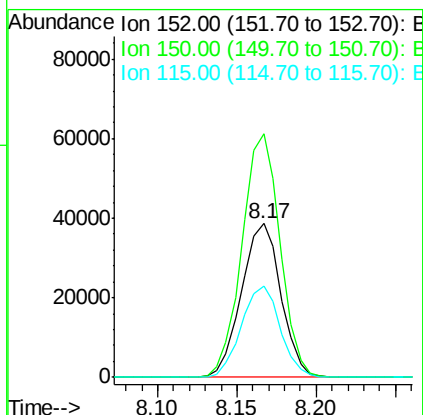
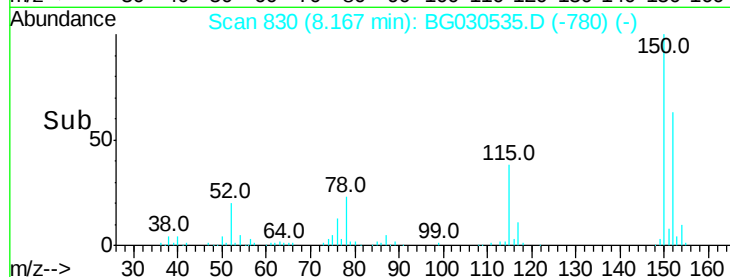
115 59.8 53.0 79.4



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: 106.342 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG030535.D

Acq: 28 Oct 2017 20:02

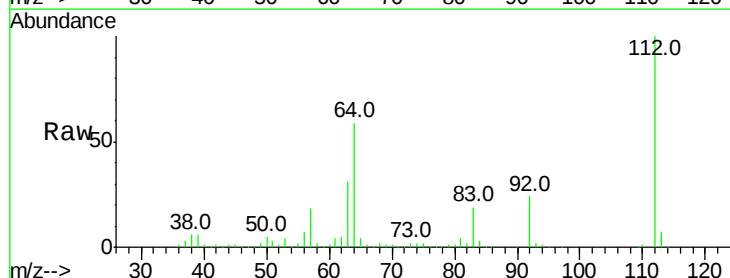
Tgt Ion:112 Resp: 423917

Ion Ratio Lower Upper

112 100

64 59.0 56.3 84.5

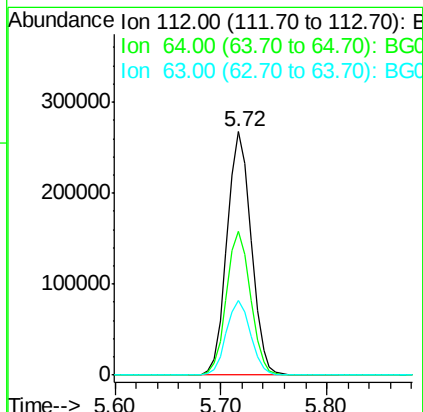
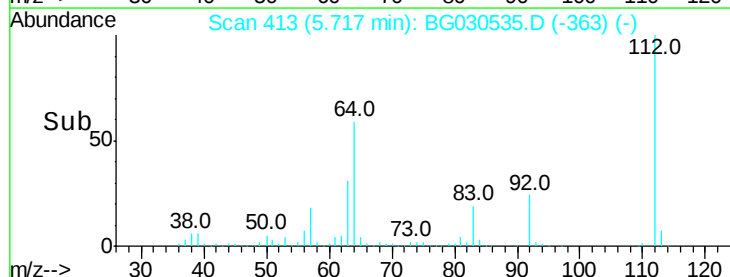
63 30.7 30.1 45.1



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: 100.967 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030535.D

Acq: 28 Oct 2017 20:02

Instrument :

BNA_G

ClientSampleId :

ENV-116-5(20-30)

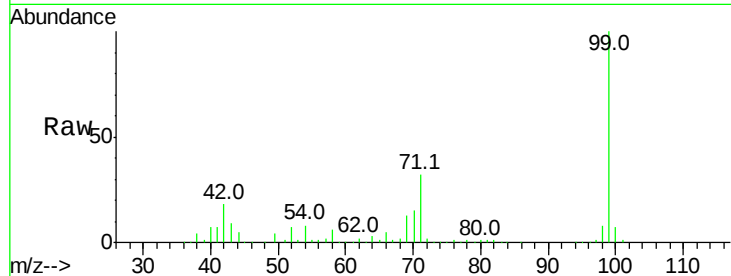
Tot Ion: 99 Resp: 564955

Ion Ratio Lower Upper

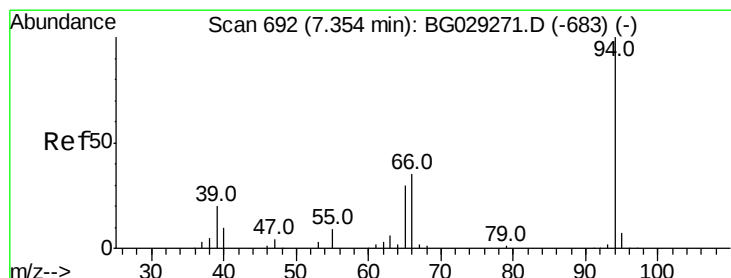
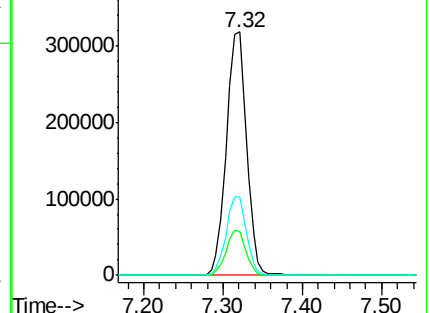
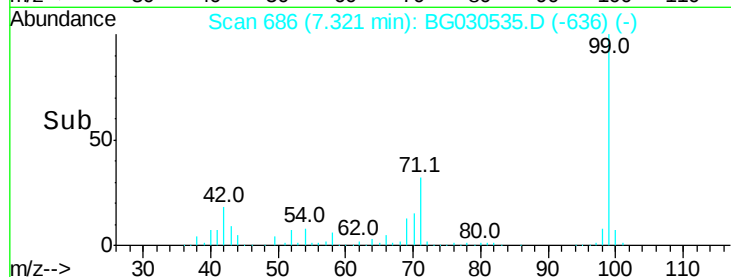
99 100

42 17.8 14.1 21.1

71 32.2 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: 2.505 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030535.D

Acq: 28 Oct 2017 20:02

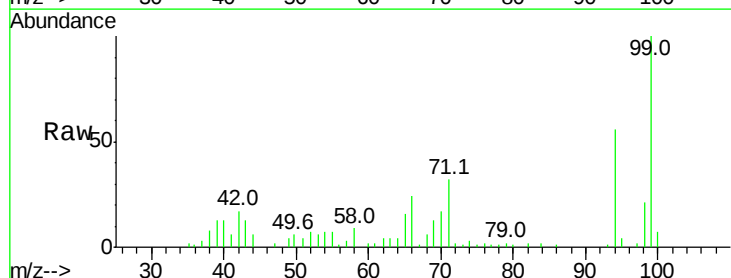
Tgt Ion: 94 Resp: 15111

Ion Ratio Lower Upper

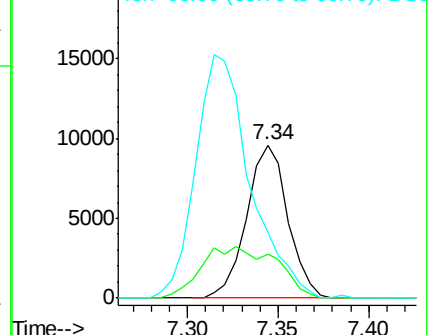
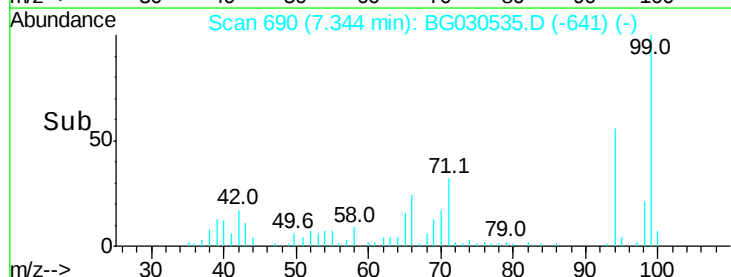
94 100

65 28.8 11.9 51.9

66 42.7 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

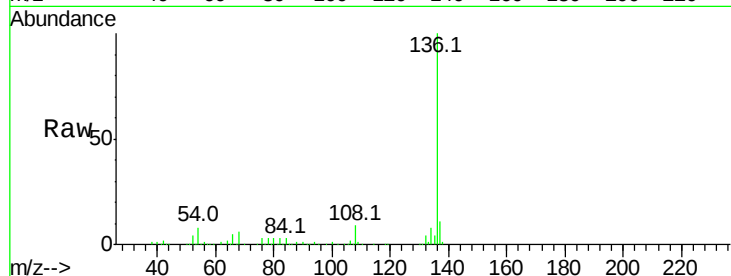




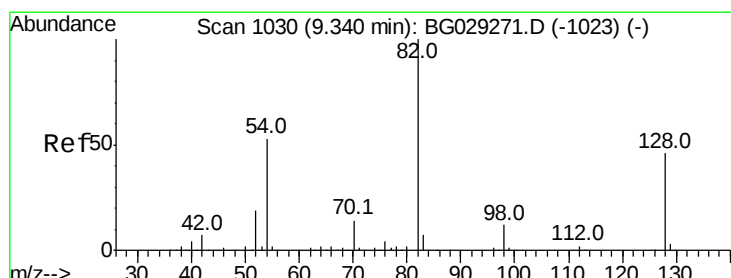
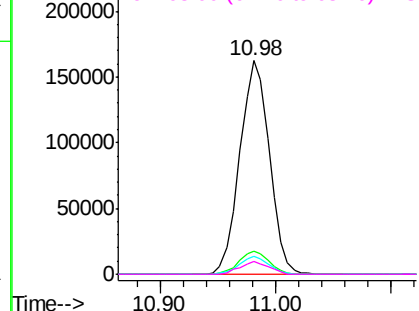
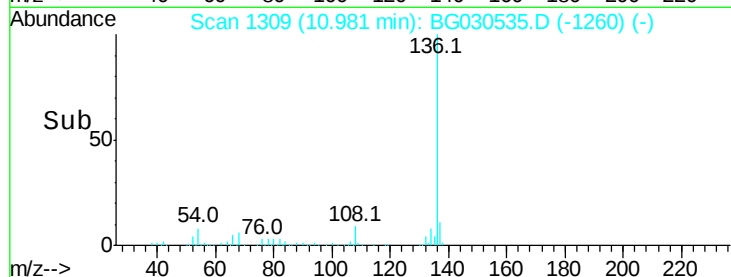
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ENV-116-5(20-30)

Tot Ion:136	Resp:	287881
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.5	10.3 15.5#
68	5.9	4.5 6.7

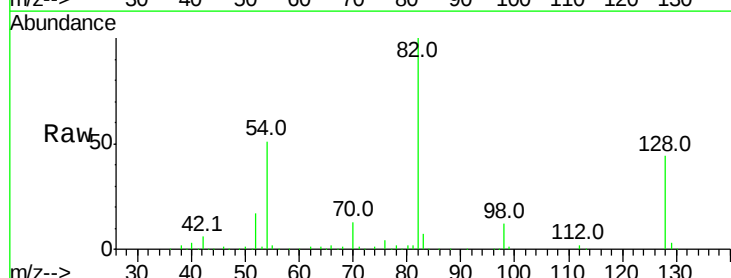


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

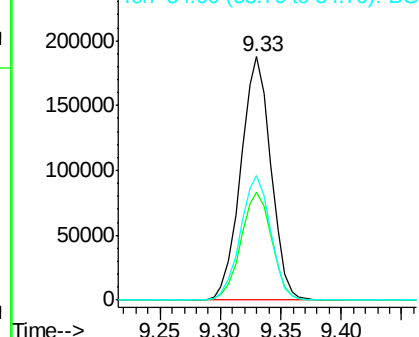
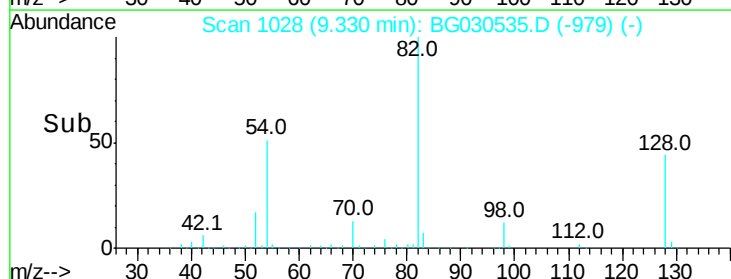


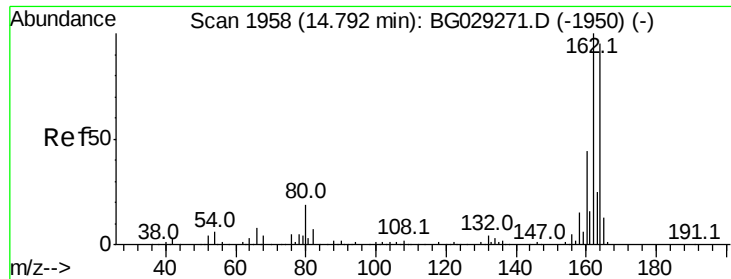
#23
Nitrobenzene-d5
Concen: 72.219 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

Tgt Ion: 82	Resp:	327168
Ion Ratio	Lower	Upper
82	100	
128	44.5	29.7 44.5
54	51.4	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

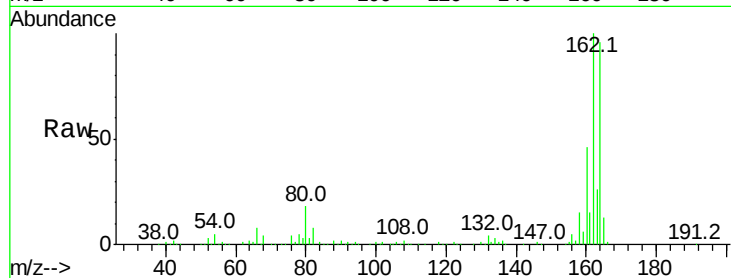




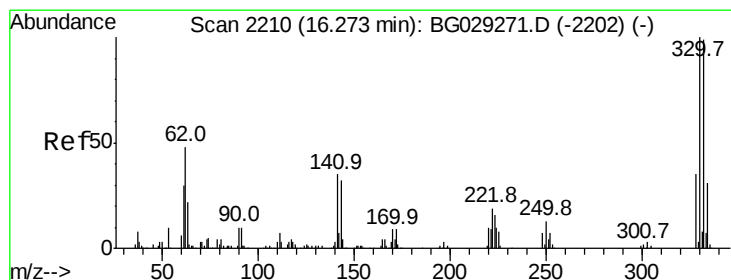
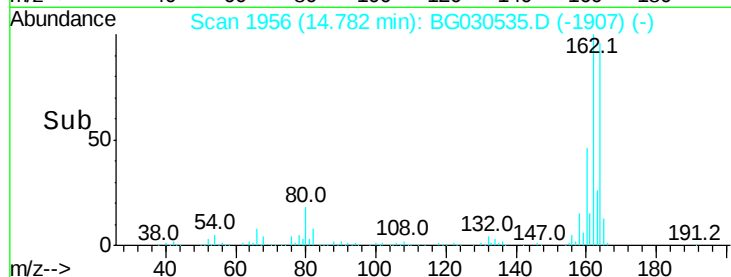
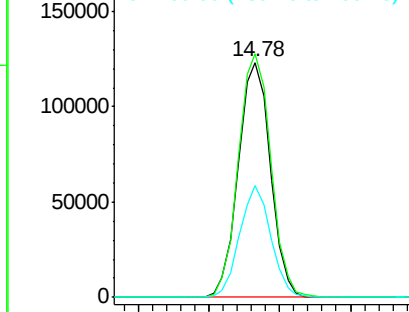
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ENV-116-5(20-30)

Tot Ion:164 Resp: 196007
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 47.4 35.4 53.0

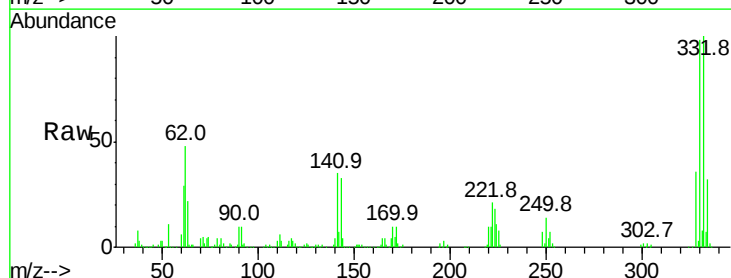


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

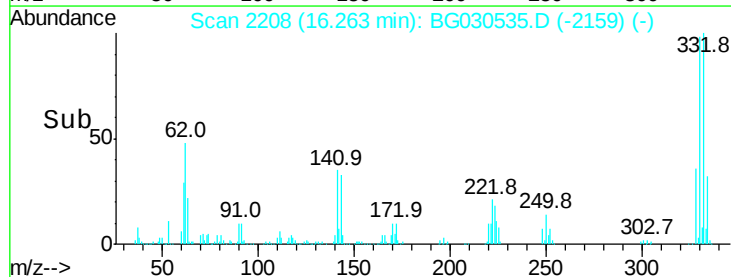
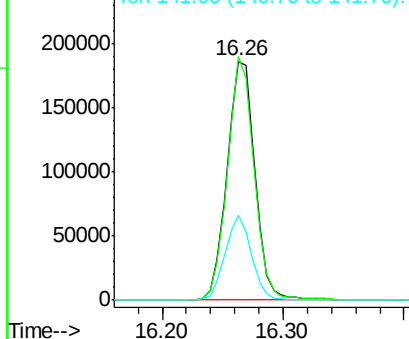


#41
2,4,6-Tribromophenol
Concen: 118.213 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

Tgt Ion:330 Resp: 299157
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.6 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

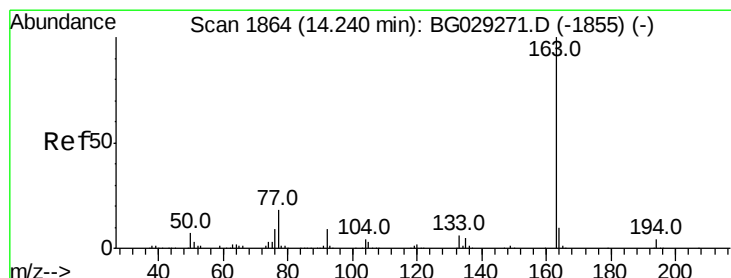
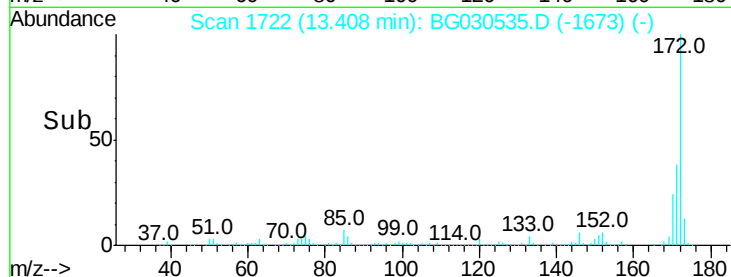
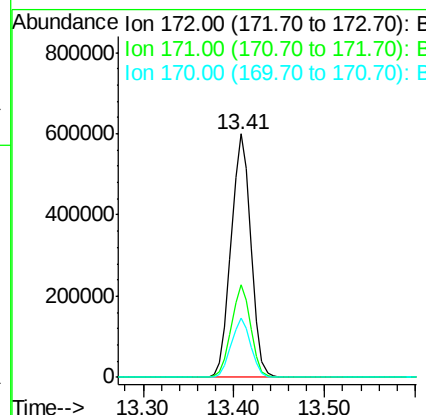
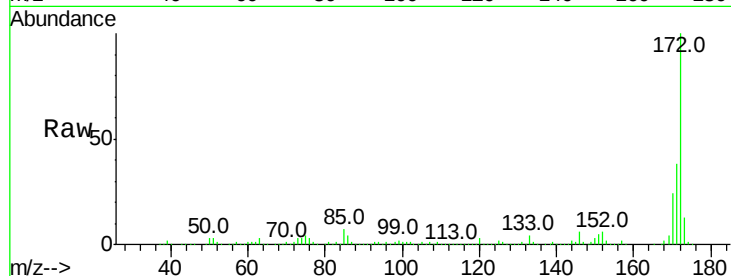




#44
2-Fluorobiphenyl
Concen: 67.991 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

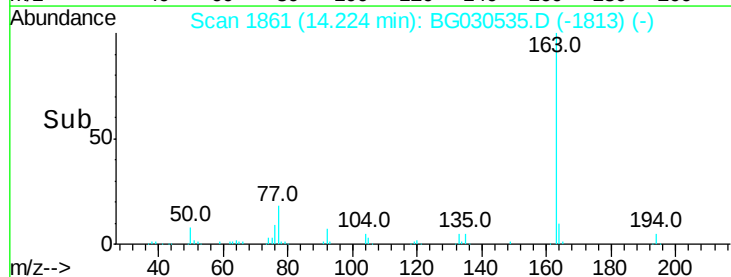
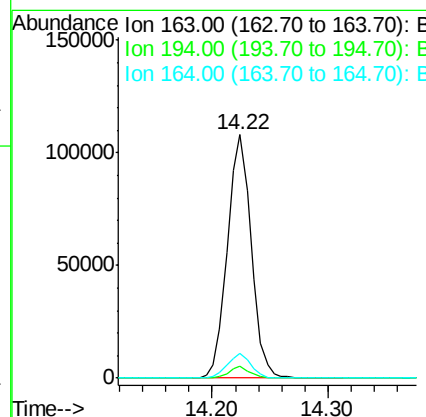
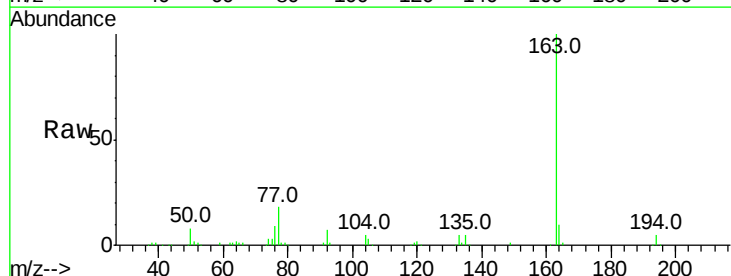
Instrument :
BNA_G
ClientSampleId :
ENV-116-5(20-30)

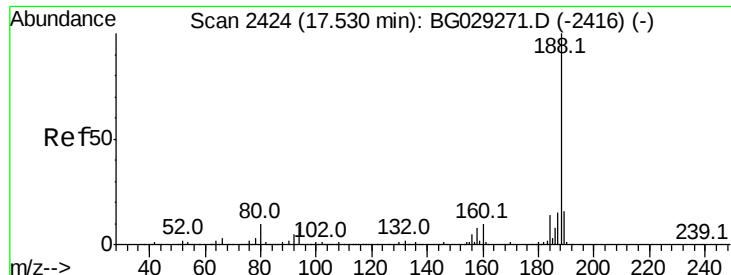
Tot Ion:172 Resp: 908645
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 10.130 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

Tgt Ion:163 Resp: 154919
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.0 8.2 12.4

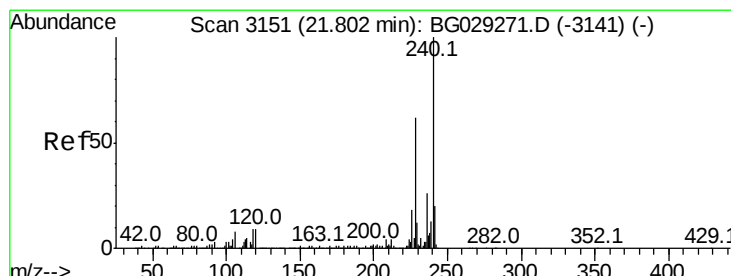
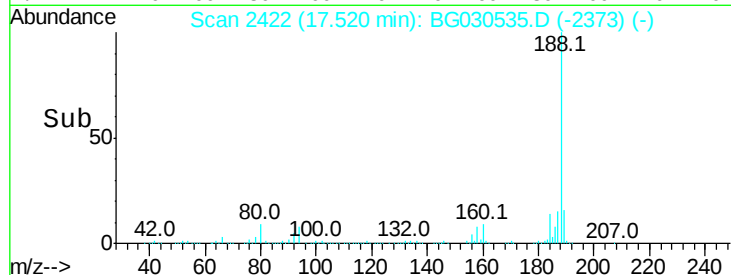
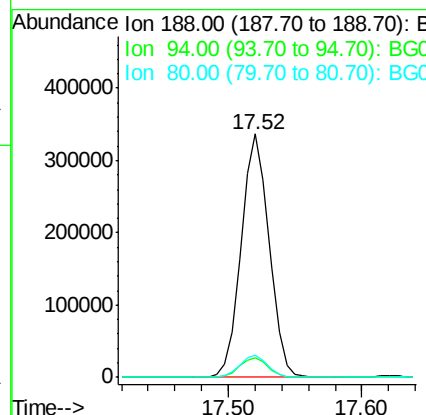
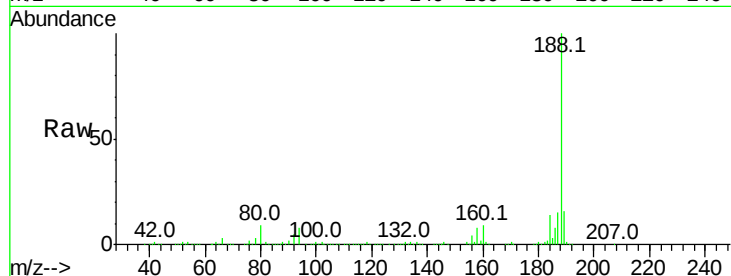




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030535.D
Acq: 28 Oct 2017 20:02

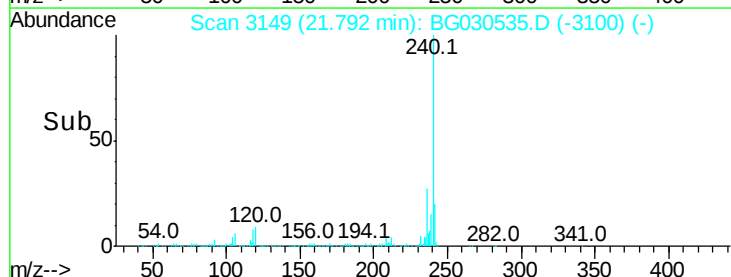
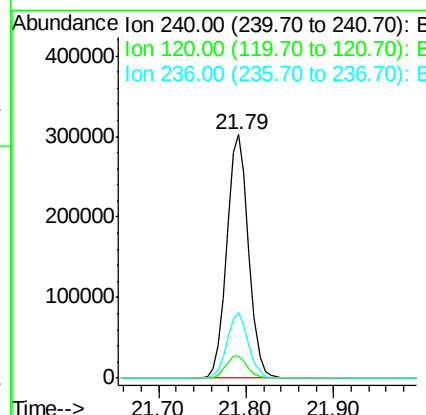
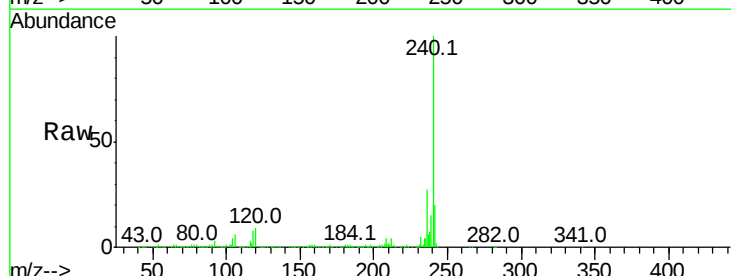
Instrument :
BNA_G
ClientSampleId :
ENV-116-5(20-30)

Tot Ion:188 Resp: 486015
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.3 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: BG030535.D
Acq: 28 Oct 2017 20:02

Tgt Ion:240 Resp: 516020
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 63.687 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030535.D

Acq: 28 Oct 2017 20:02

Instrument :

BNA_G

ClientSampleId :

ENV-116-5(20-30)

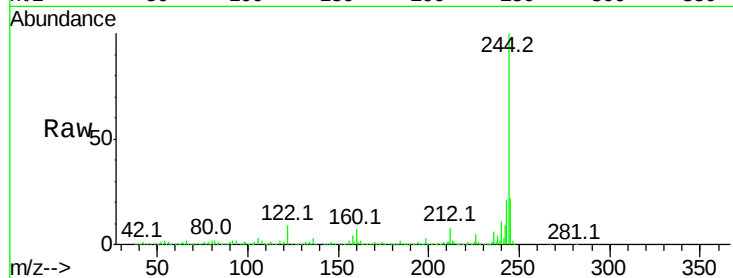
Tot Ion:244 Resp: 1444595

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

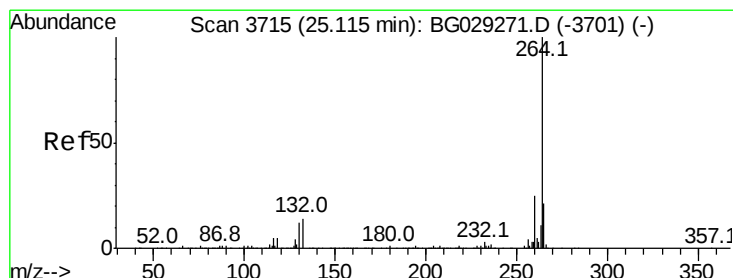
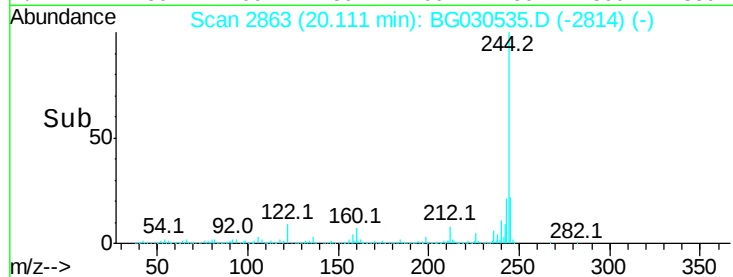
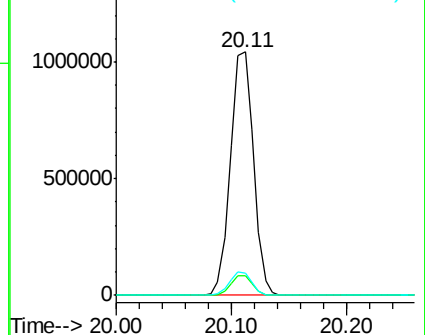
122 9.1 7.0 10.4



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: BG030535.D

Acq: 28 Oct 2017 20:02

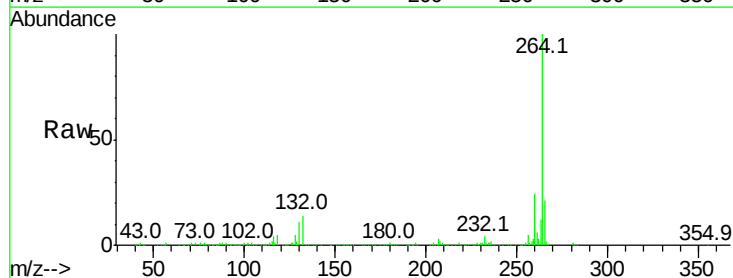
Tgt Ion:264 Resp: 509175

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.4 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

