

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028622.D
 Acq On : 9 Sep 2017 19:37
 Operator : SJ/JU
 Sample : I5167-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS083061

Quant Time: Sep 11 07:57:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

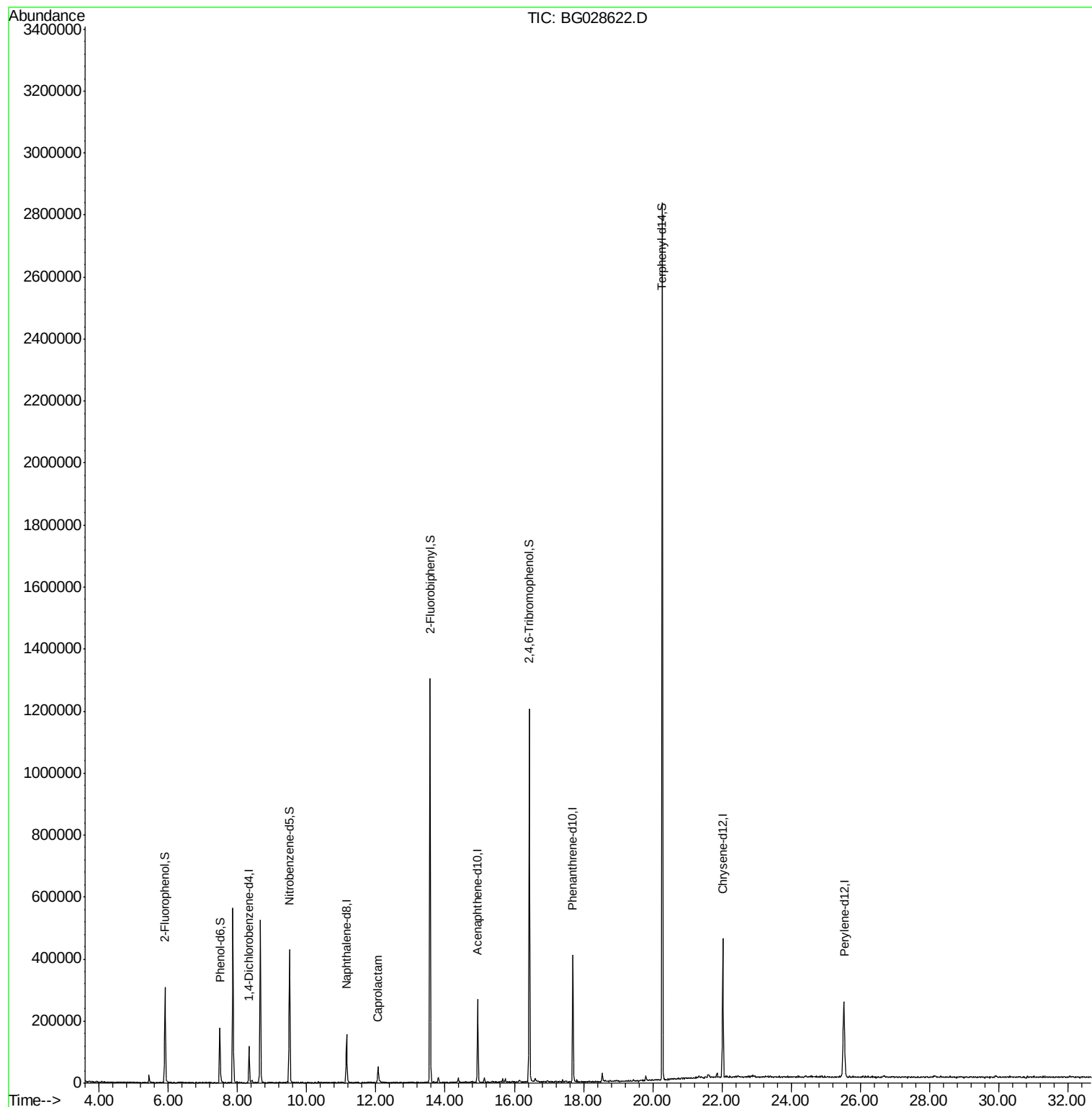
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	33792	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	134452	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	98211	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	272623	20.00	ng	0.00
75) Chrysene-d12	22.03	240	317027	20.00	ng	0.00
86) Perylene-d12	25.52	264	309577	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	133047	66.29	ng	0.00
7) Phenol-d6	7.49	99	106880	36.72	ng	0.00
23) Nitrobenzene-d5	9.51	82	278394	95.08	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	252882	169.41	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	712765	94.94	ng	0.00
78) Terphenyl-d14	20.28	244	1349458	91.71	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	10372	12.046	ng	Qvalue 96

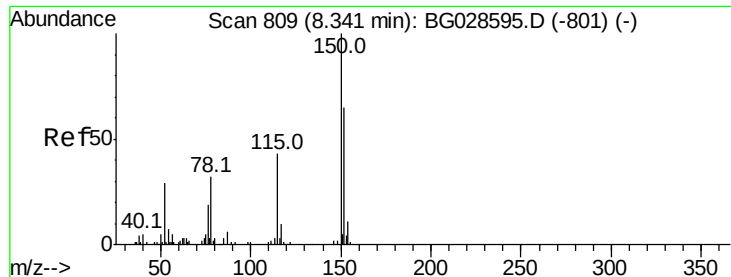
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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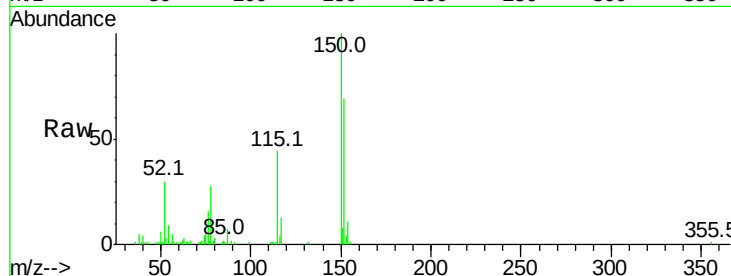


#1

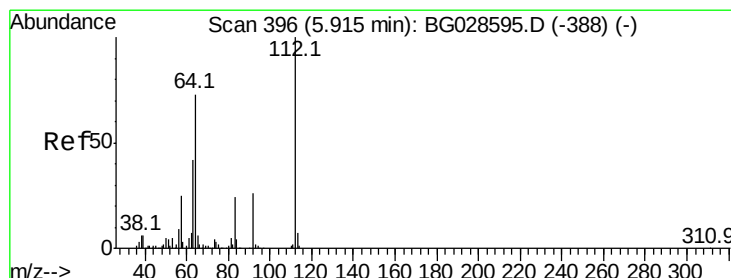
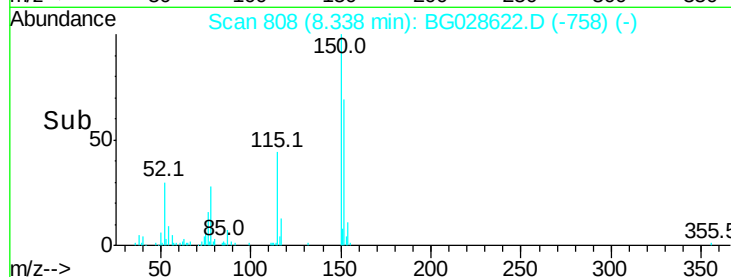
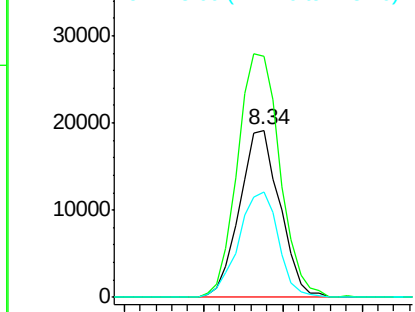
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG028622.D
Acq: 9 Sep 2017 19:37

Instrument :
BNA_G
ClientSampleId :
CPS083061

Tot Ion:152 Resp: 33792
Ion Ratio Lower Upper
152 100
150 144.4 114.0 171.0
115 63.2 48.1 72.1



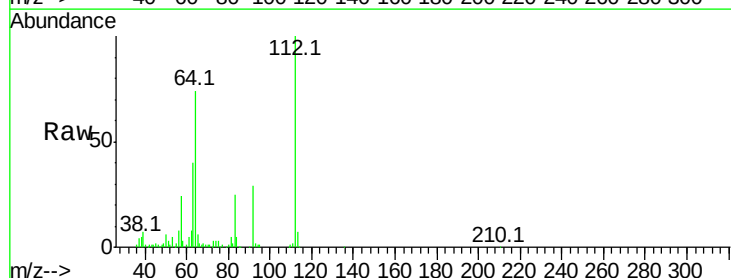
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



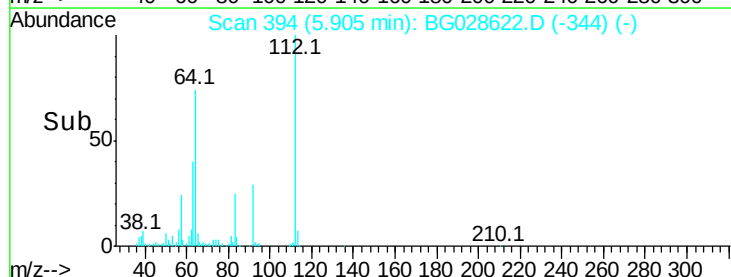
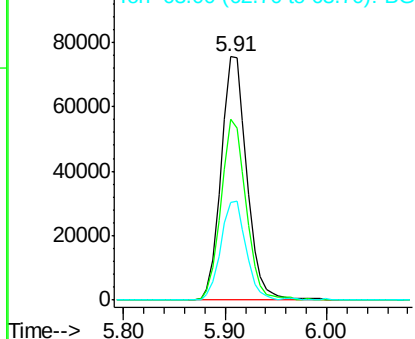
#5

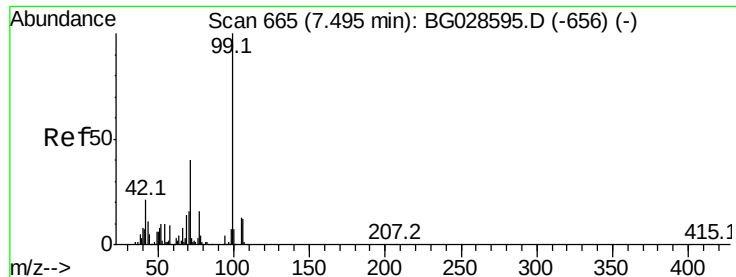
2-Fluorophenol
Concen: 66.293 ng
RT: 5.91 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG028622.D
Acq: 9 Sep 2017 19:37

Tgt Ion:112 Resp: 133047
Ion Ratio Lower Upper
112 100
64 74.3 61.8 92.6
63 40.3 37.2 55.8



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: 36.715 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028622.D

Acq: 9 Sep 2017 19:37

Instrument :

BNA_G

ClientSampleId :

CPS083061

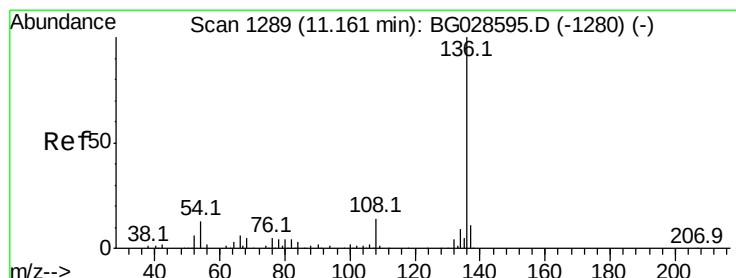
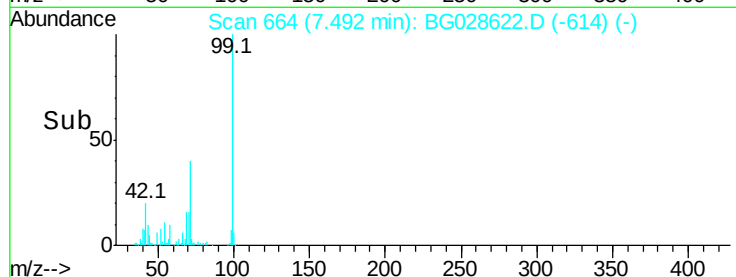
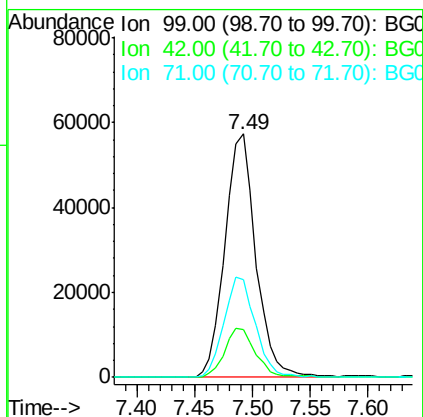
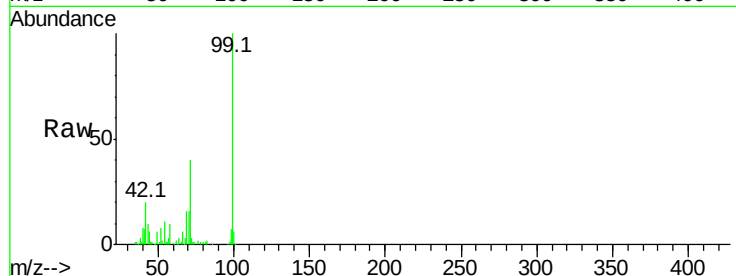
Tot Ion: 99 Resp: 106880

Ion Ratio Lower Upper

99 100

42 19.6 20.5 30.7#

71 40.4 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028622.D

Acq: 9 Sep 2017 19:37

Tgt Ion: 136 Resp: 134452

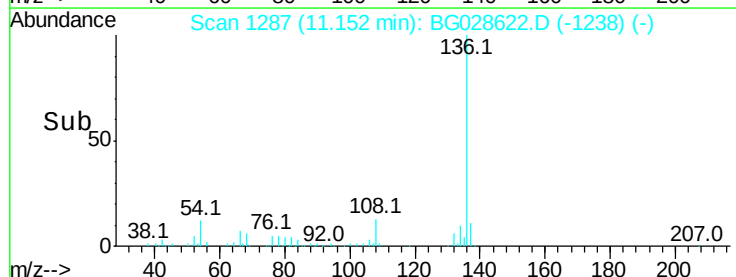
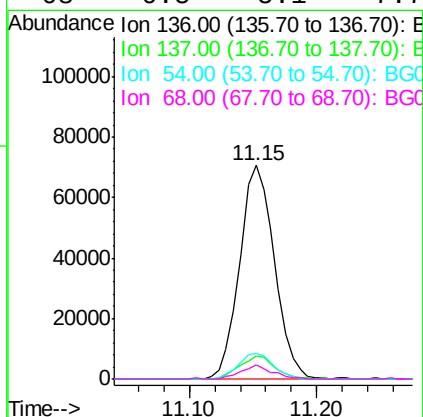
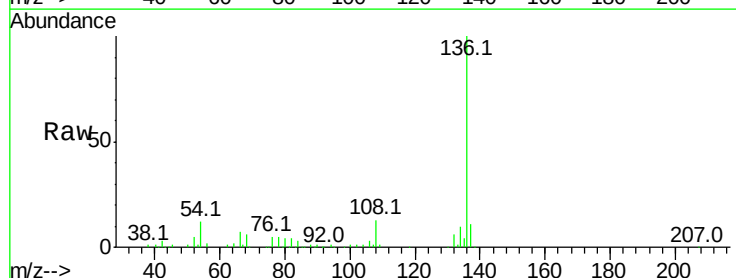
Ion Ratio Lower Upper

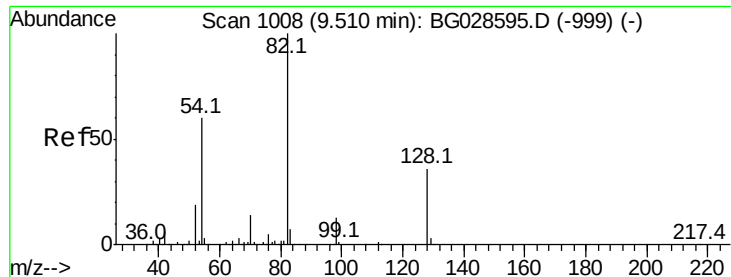
136 100

137 10.9 8.9 13.3

54 11.9 9.3 13.9

68 6.5 5.1 7.7

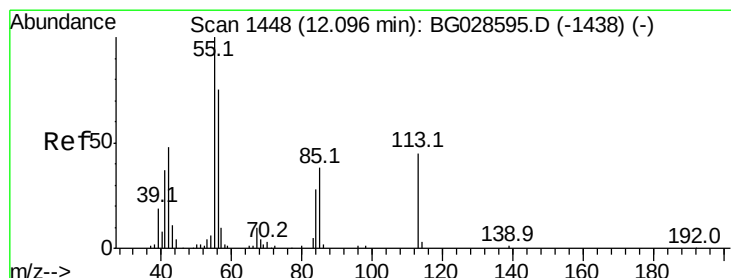
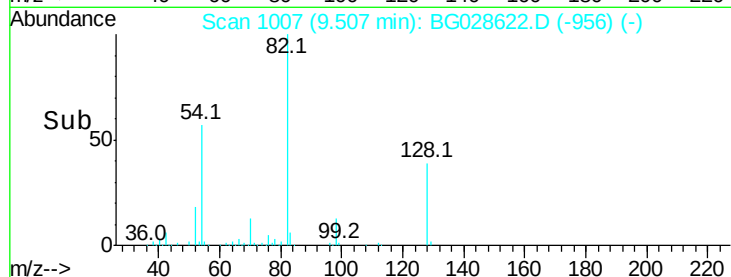
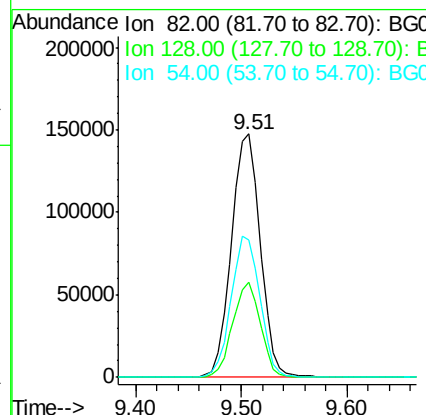
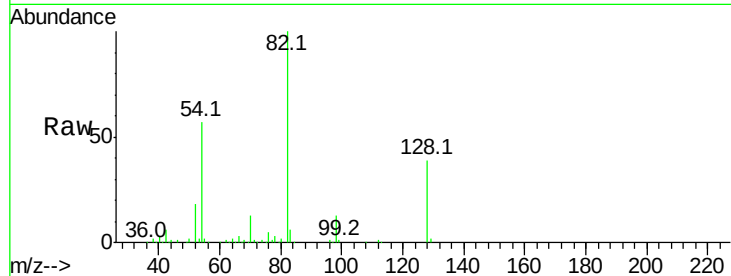




#23
 Nitrobenzene-d5
 Concen: 95.077 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028622.D
 Acq: 9 Sep 2017 19:37

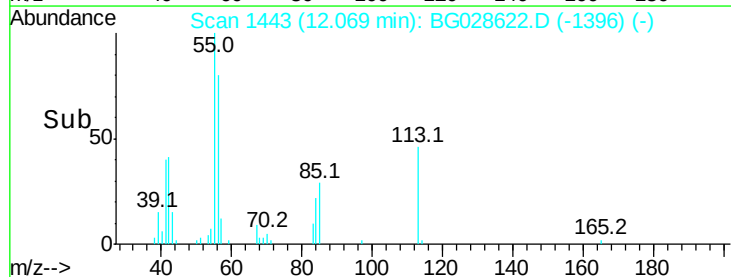
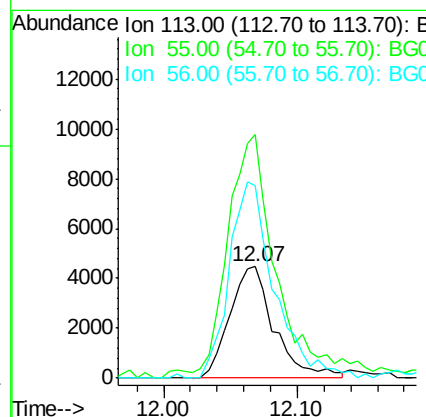
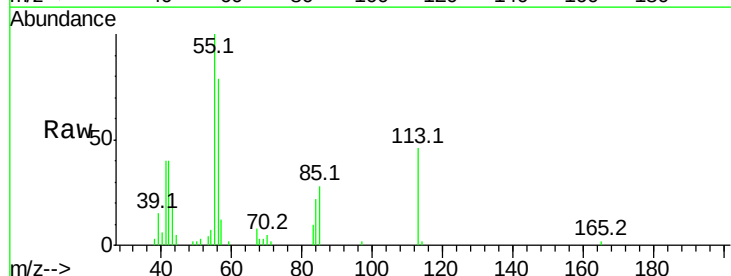
Instrument :
 BNA_G
 ClientSampleId :
 CPS083061

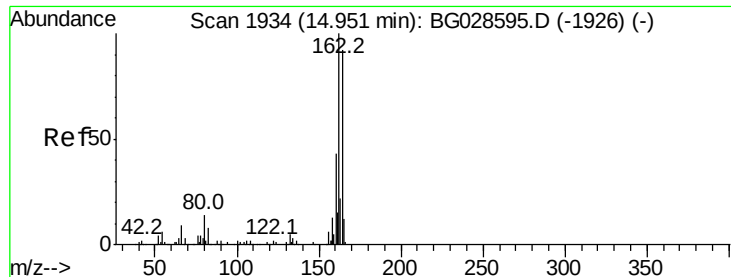
Tot Ion	82	Resp	278394
Ion Ratio	100	Lower	Upper
128	38.9	26.4	39.6
54	56.7	49.4	74.2



#35
 Caprolactam
 Concen: 12.046 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028622.D
 Acq: 9 Sep 2017 19:37

Tgt Ion	113	Resp	10372
Ion Ratio	100	Lower	Upper
55	218.9	198.6	238.6
56	172.7	140.4	180.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028622.D

Acq: 9 Sep 2017 19:37

Instrument :

BNA_G

ClientSampleId :

CPS083061

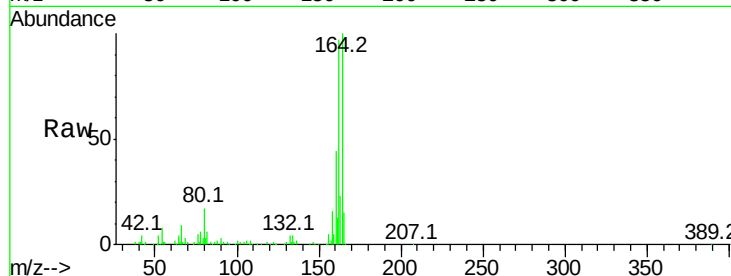
Tot Ion:164 Resp: 98211

Ion Ratio Lower Upper

164 100

162 97.0 85.1 127.7

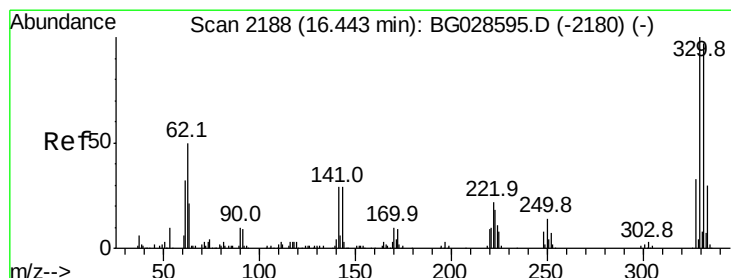
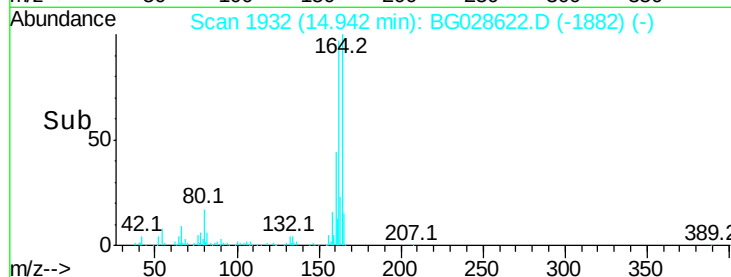
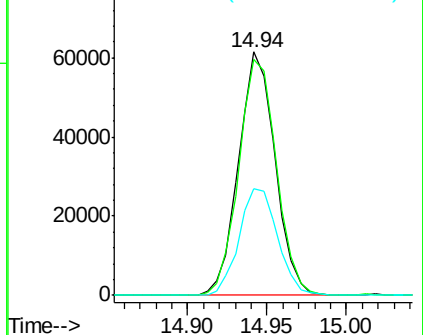
160 43.7 34.7 52.1



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: 169.412 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028622.D

Acq: 9 Sep 2017 19:37

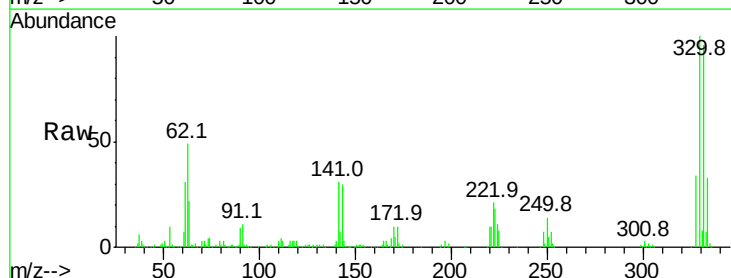
Tgt Ion:330 Resp: 252882

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

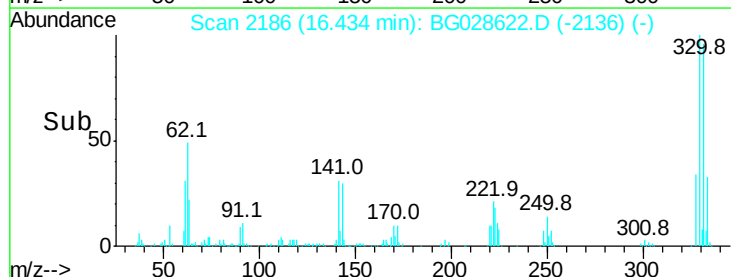
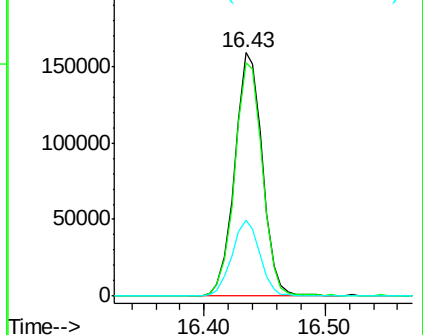
141 31.8 32.1 48.1#

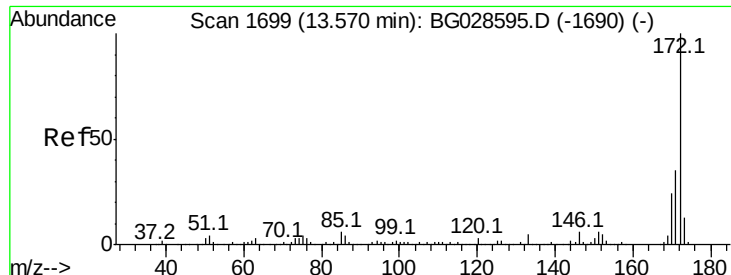


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

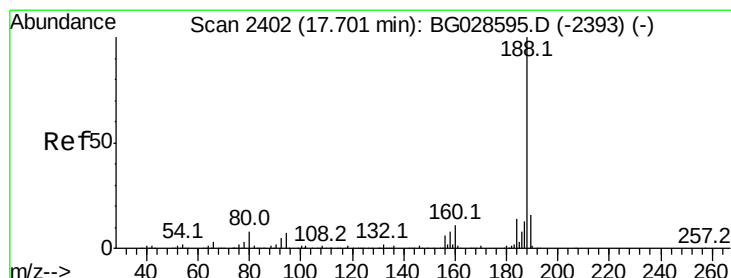
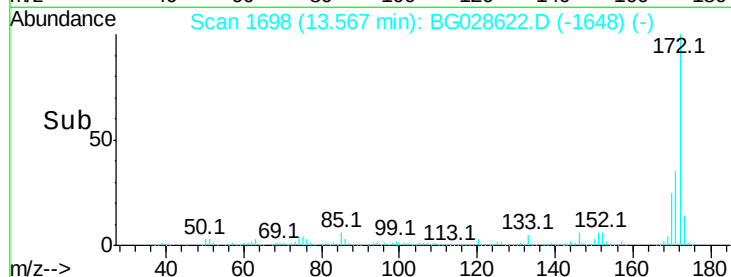
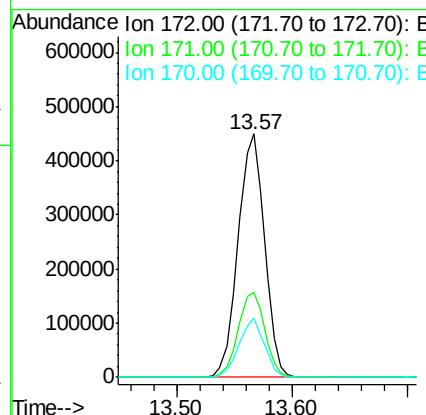
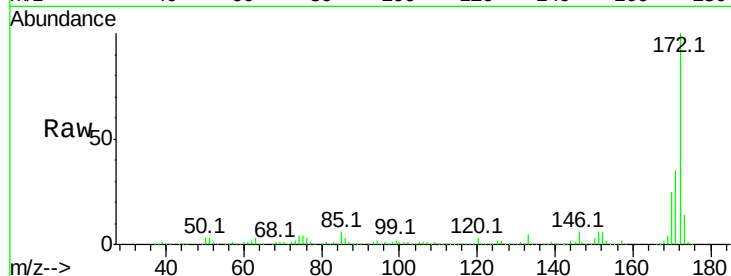




#44
 2-Fluorobiphenyl
 Concen: 94.944 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028622.D
 Acq: 9 Sep 2017 19:37

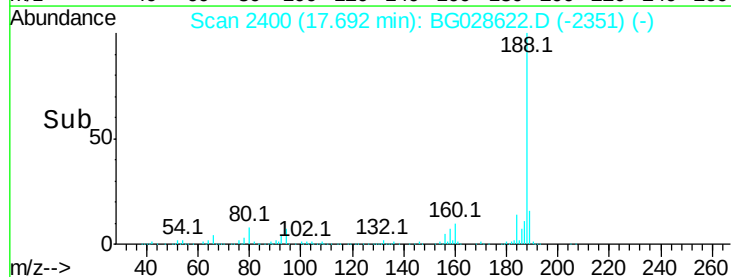
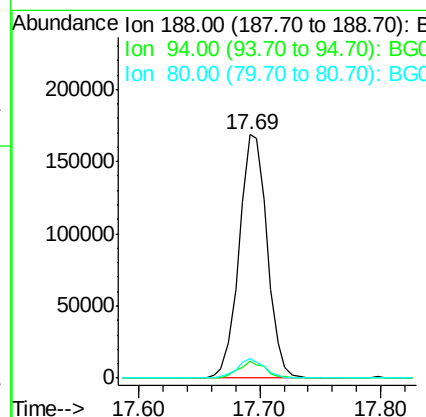
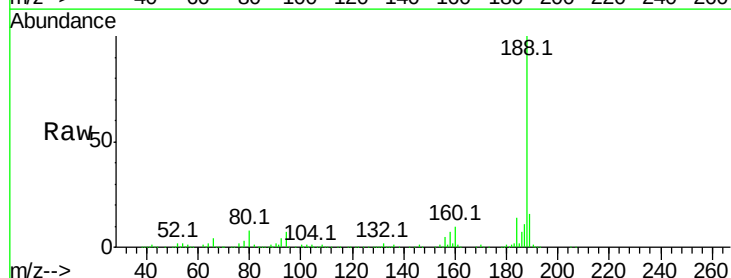
Instrument :
 BNA_G
 ClientSampleId :
 CPS083061

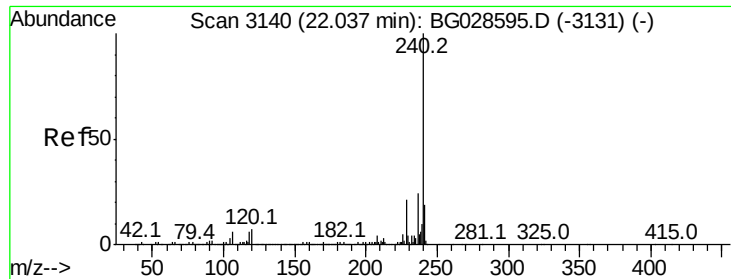
Tot Ion:172 Resp: 712765
 Ion Ratio Lower Upper
 172 100
 171 35.1 32.2 48.2
 170 24.6 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG028622.D
 Acq: 9 Sep 2017 19:37

Tgt Ion:188 Resp: 272623
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.8 8.8
 80 8.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028622.D

Acq: 9 Sep 2017 19:37

Instrument :

BNA_G

ClientSampleId :

CPS083061

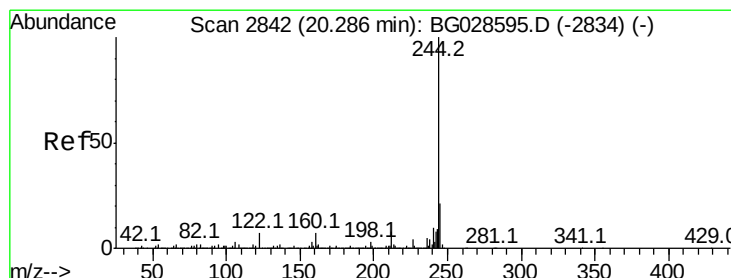
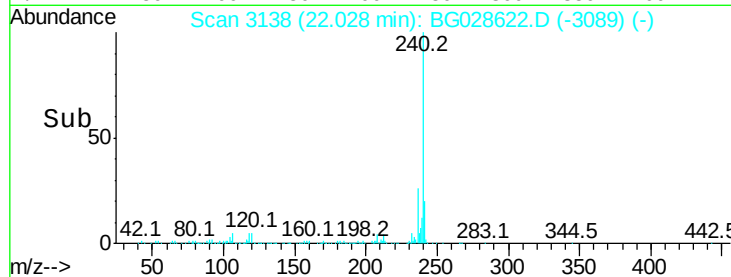
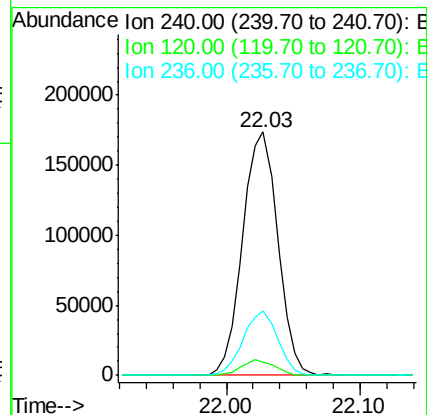
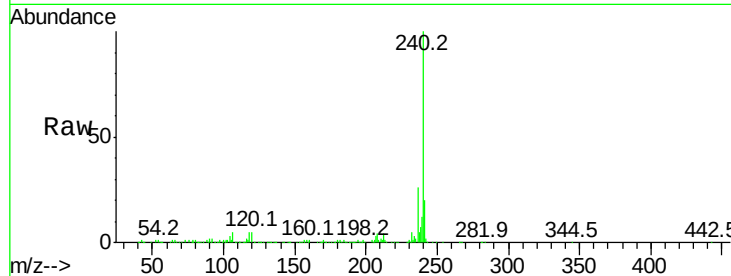
Tot Ion:240 Resp: 317027

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

236 26.3 22.2 33.4



#78

Terphenyl-d14

Concen: 91.709 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028622.D

Acq: 9 Sep 2017 19:37

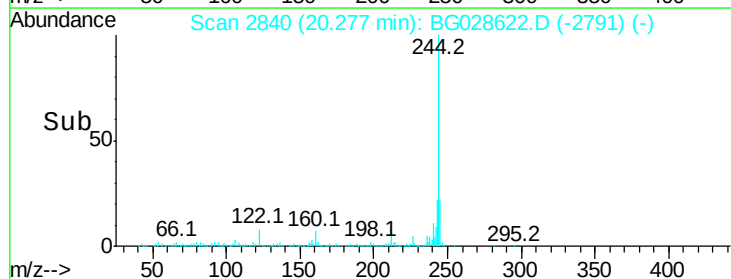
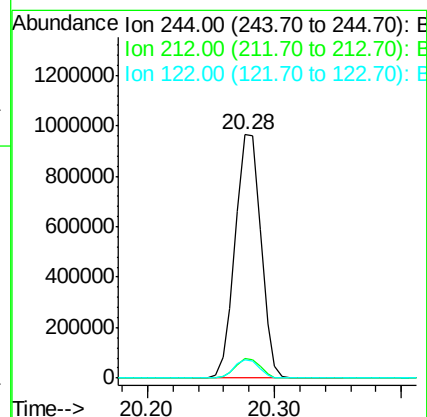
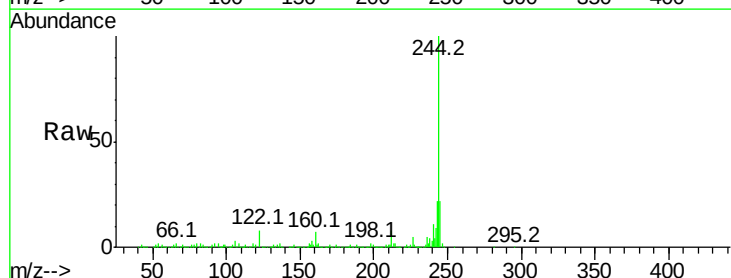
Tgt Ion:244 Resp: 1349458

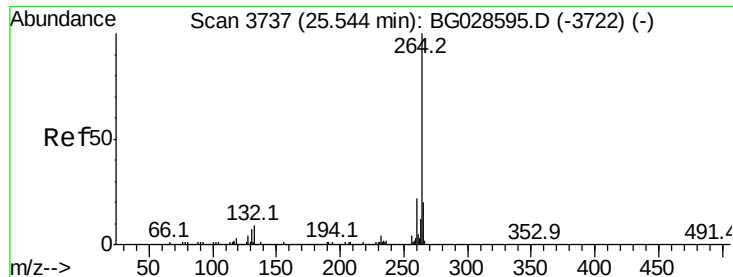
Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 7.5 8.6 12.8#

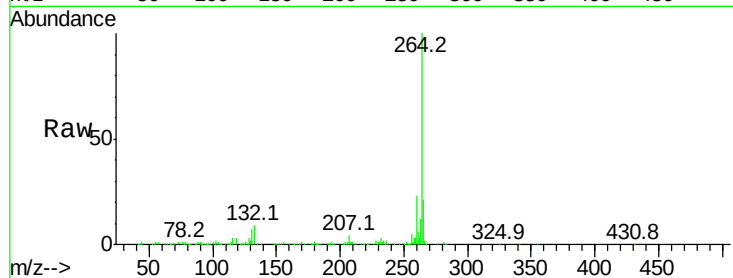




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.02 min
 Lab File: BG028622.D
 Acq: 9 Sep 2017 19:37

Instrument :
 BNA_G
 ClientSampleId :
 CPS083061

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	20.5	18.2	27.4



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

