

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028625.D
 Acq On : 9 Sep 2017 21:36
 Operator : SJ/JU
 Sample : I5167-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS133061

Quant Time: Sep 11 07:14:22 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

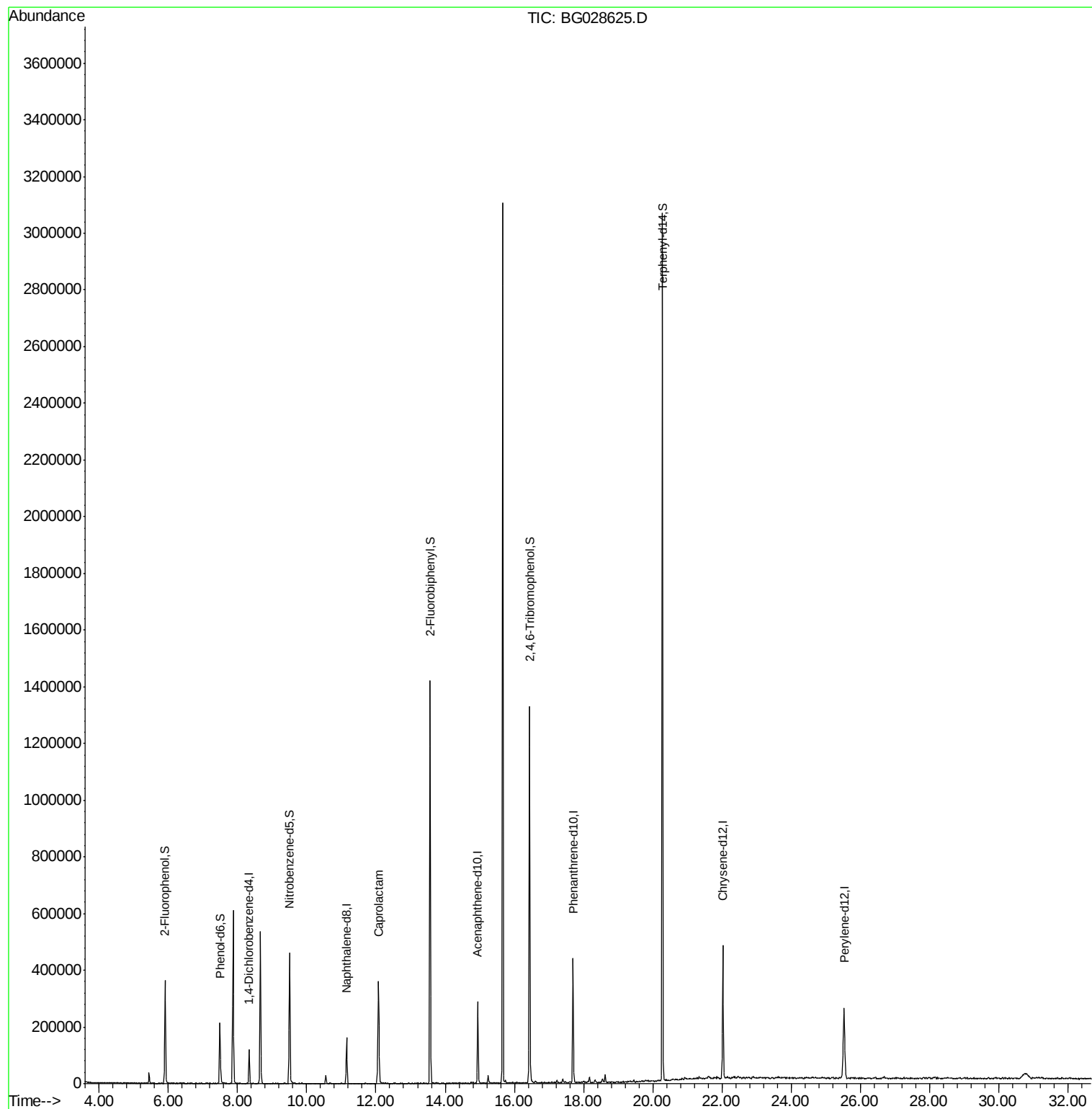
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	34796	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	137240	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	101137	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	276186	20.00	ng	0.00
75) Chrysene-d12	22.03	240	319390	20.00	ng	-0.01
86) Perylene-d12	25.53	264	307629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	156211	75.59	ng	0.00
7) Phenol-d6	7.49	99	136184	45.43	ng	0.00
23) Nitrobenzene-d5	9.50	82	292048	97.71	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	276627	179.96	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	760406	98.36	ng	0.00
78) Terphenyl-d14	20.28	244	1401226	94.52	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	75725	86.162	ng	Qvalue 94

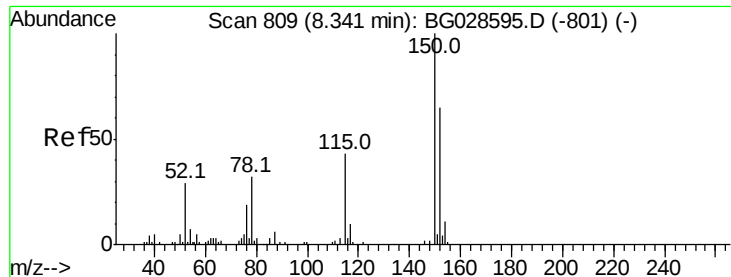
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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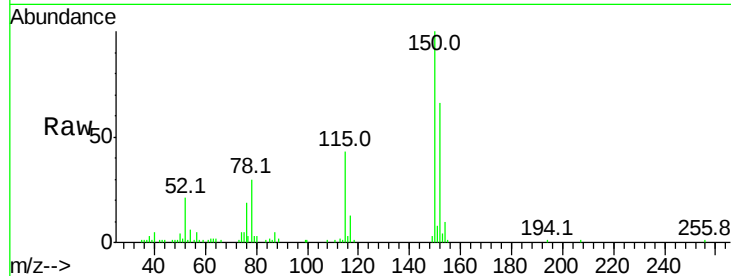


#1

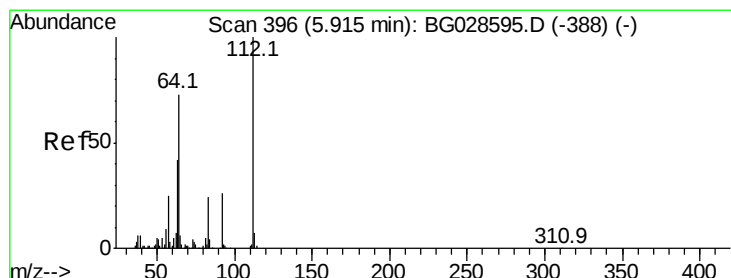
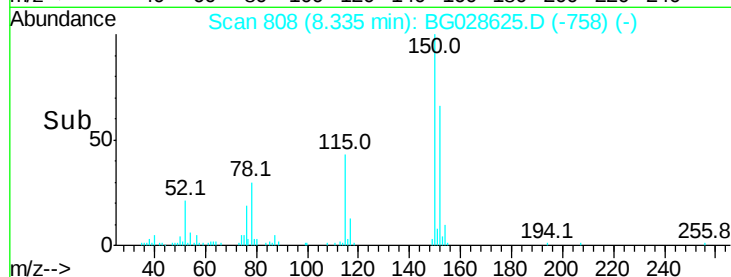
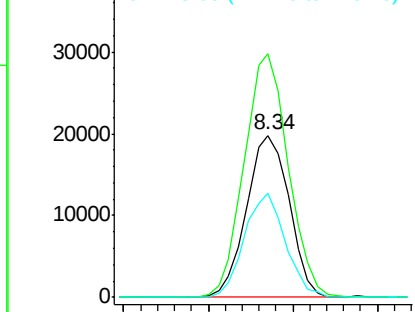
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028625.D
Acq: 9 Sep 2017 21:36

Instrument :
BNA_G
ClientSampleId :
CPS133061

Tot Ion:152 Resp: 34796
Ion Ratio Lower Upper
152 100
150 150.4 114.0 171.0
115 64.3 48.1 72.1



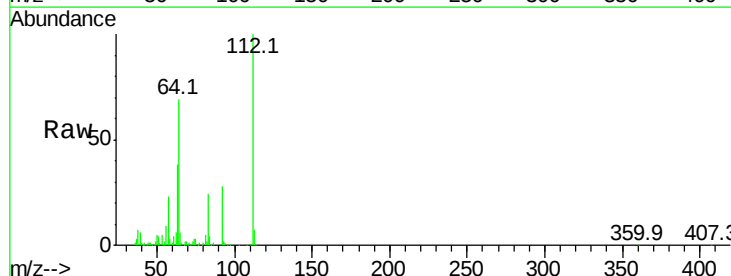
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



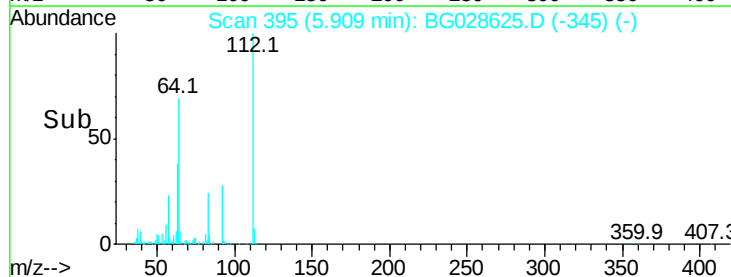
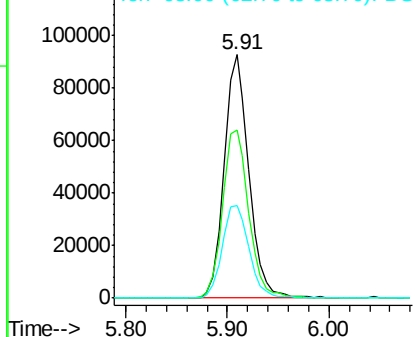
#5

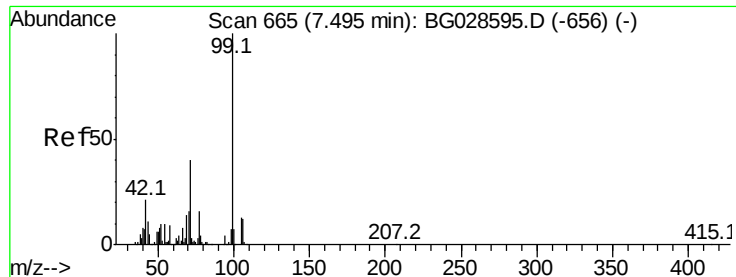
2-Fluorophenol
Concen: 75.588 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028625.D
Acq: 9 Sep 2017 21:36

Tgt Ion:112 Resp: 156211
Ion Ratio Lower Upper
112 100
64 68.8 61.8 92.6
63 38.0 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: 45.432 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028625.D

Acq: 9 Sep 2017 21:36

Instrument :

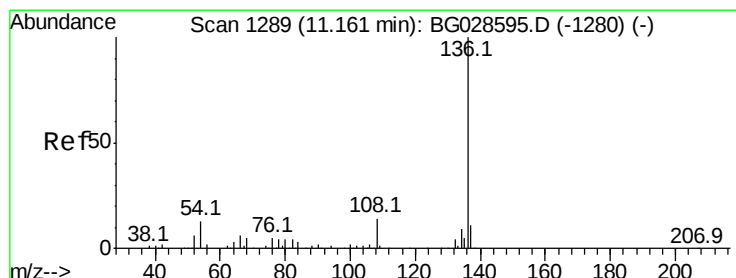
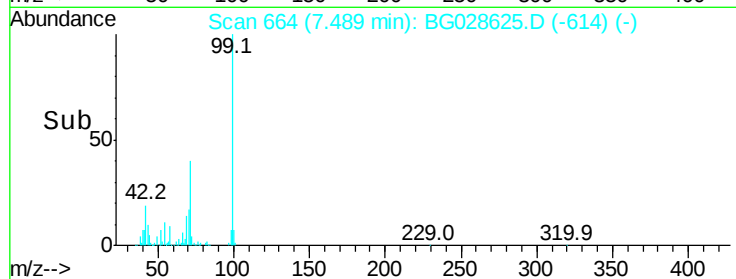
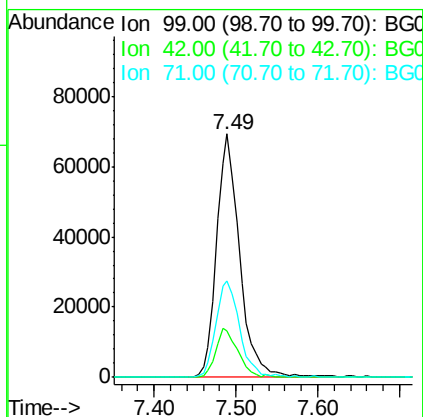
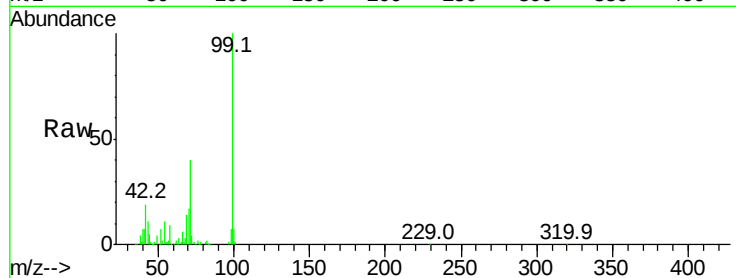
BNA_G

ClientSampleId :

CPS133061

Tot Ion: 99 Resp: 136184

Ion	Ratio	Lower	Upper
99	100		
42	19.3	20.5	30.7#
71	39.7	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

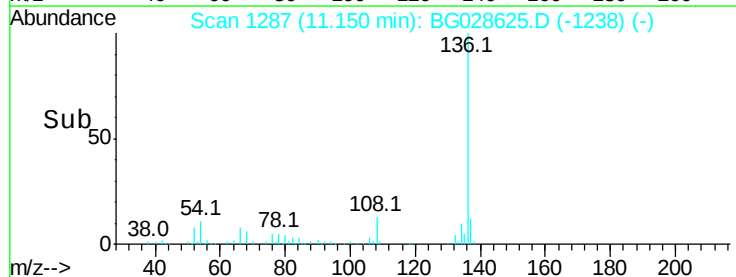
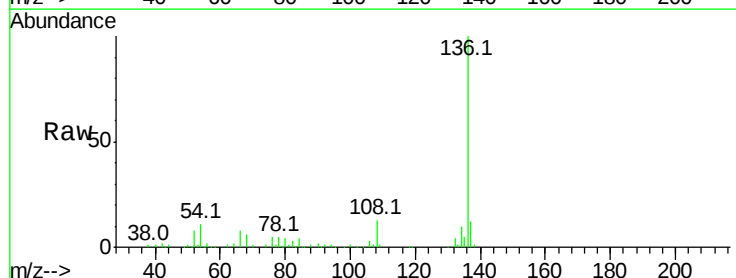
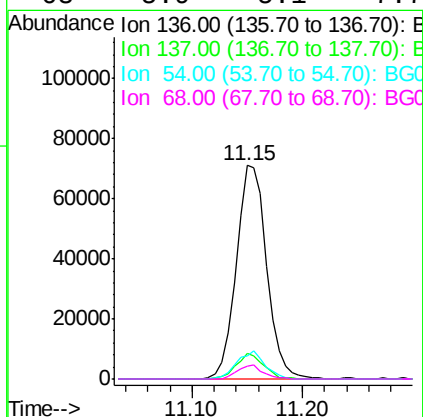
Delta R.T. -0.01 min

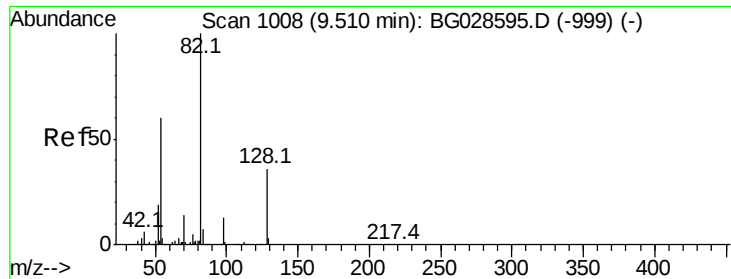
Lab File: BG028625.D

Acq: 9 Sep 2017 21:36

Tgt Ion: 136 Resp: 137240

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	10.5	9.3	13.9
68	5.9	5.1	7.7

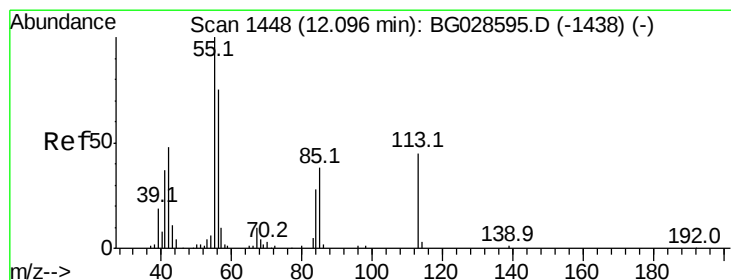
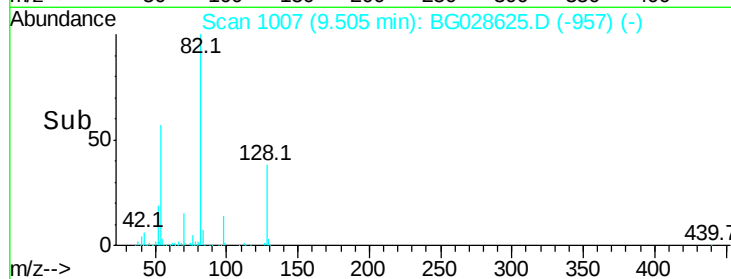
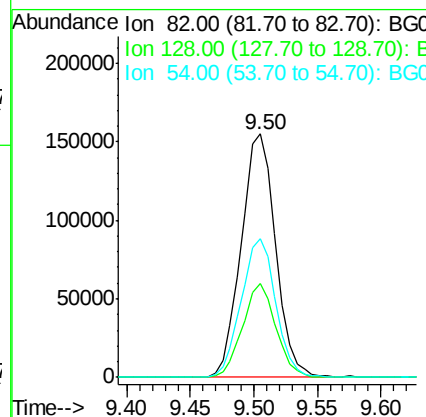
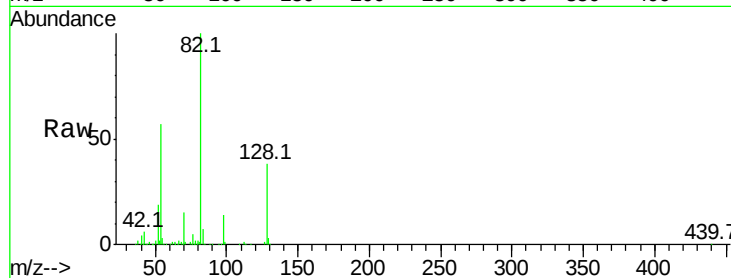




#23
 Nitrobenzene-d5
 Concen: 97.713 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028625.D
 Acq: 9 Sep 2017 21:36

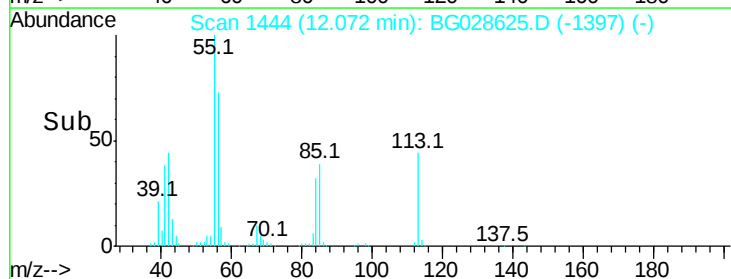
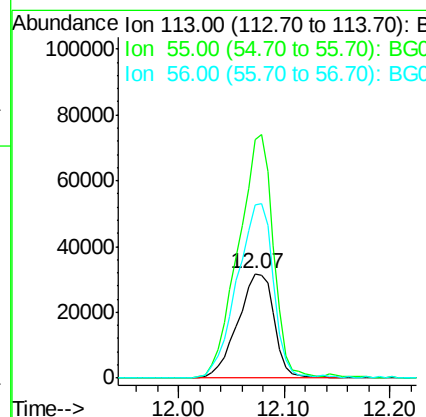
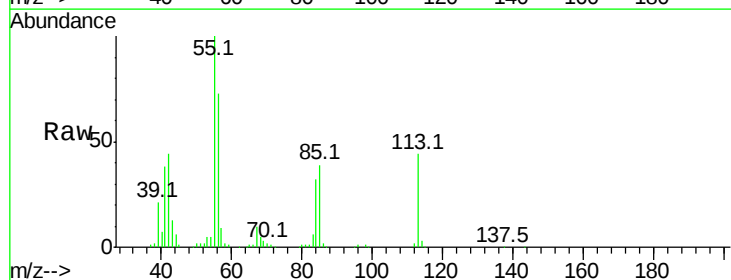
Instrument :
 BNA_G
 ClientSampled :
 CPS133061

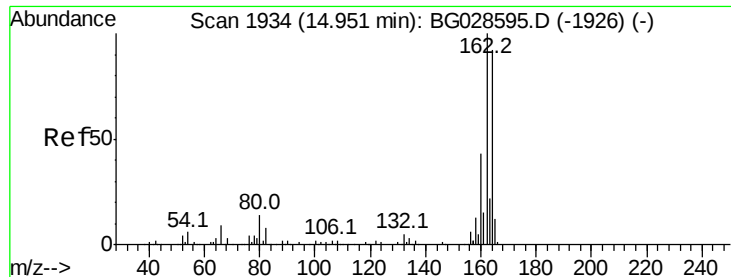
Tot Ion: 82 Resp: 292048
 Ion Ratio Lower Upper
 82 100
 128 38.3 26.4 39.6
 54 57.1 49.4 74.2



#35
 Caprolactam
 Concen: 86.162 ng
 RT: 12.07 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BG028625.D
 Acq: 9 Sep 2017 21:36

Tgt Ion: 113 Resp: 75725
 Ion Ratio Lower Upper
 113 100
 55 229.0 198.6 238.6
 56 166.6 140.4 180.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028625.D

Acq: 9 Sep 2017 21:36

Instrument :

BNA_G

ClientSampleId :

CPS133061

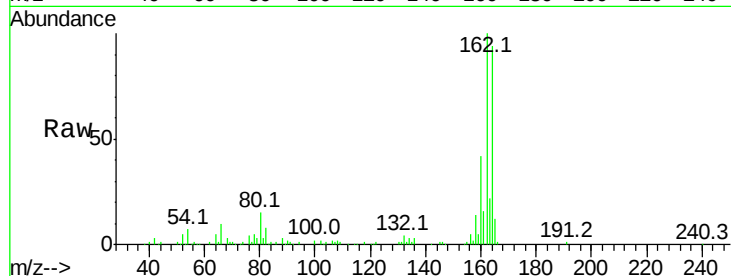
Tot Ion:164 Resp: 101137

Ion Ratio Lower Upper

164 100

162 106.8 85.1 127.7

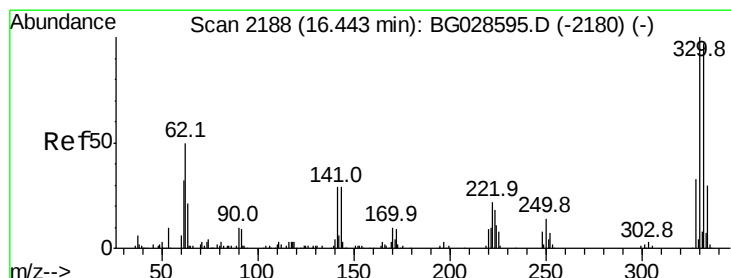
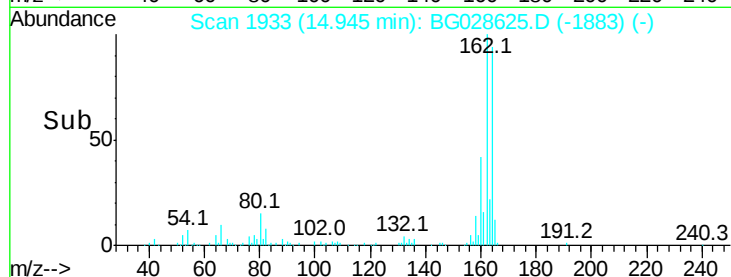
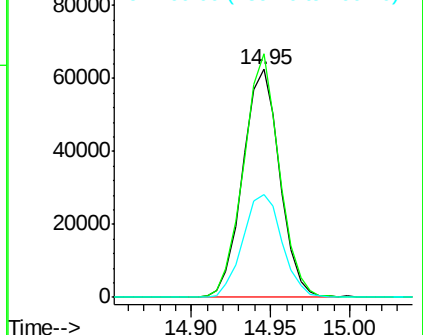
160 45.4 34.7 52.1



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: 179.958 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028625.D

Acq: 9 Sep 2017 21:36

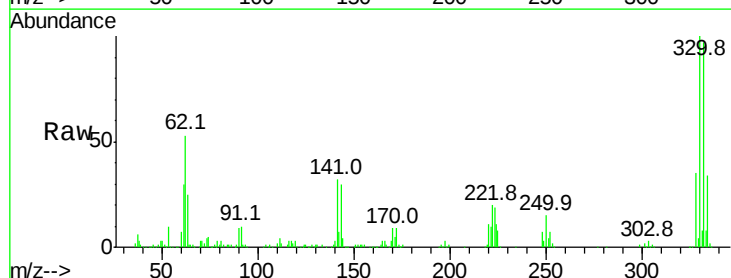
Tgt Ion:330 Resp: 276627

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

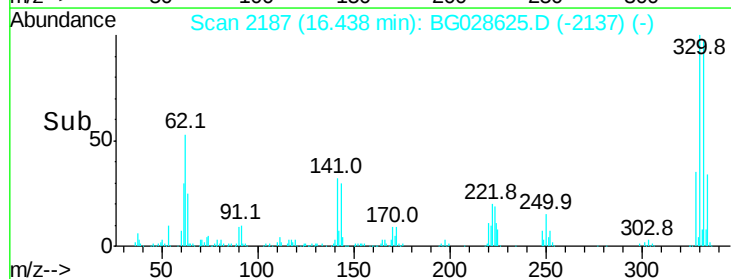
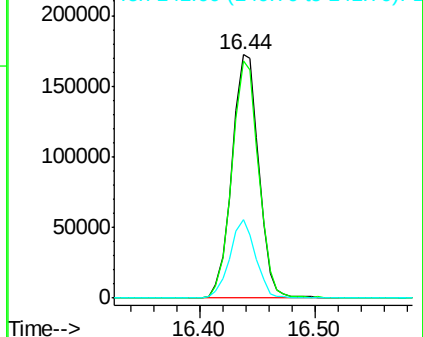
141 30.9 32.1 48.1#

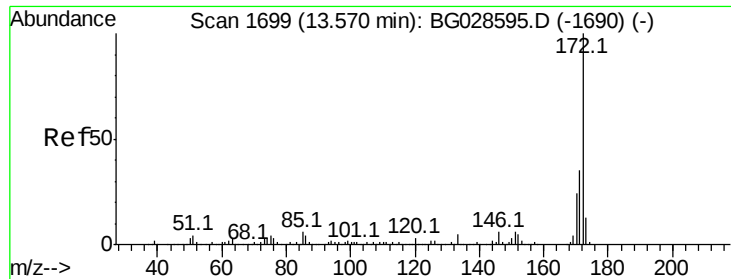


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

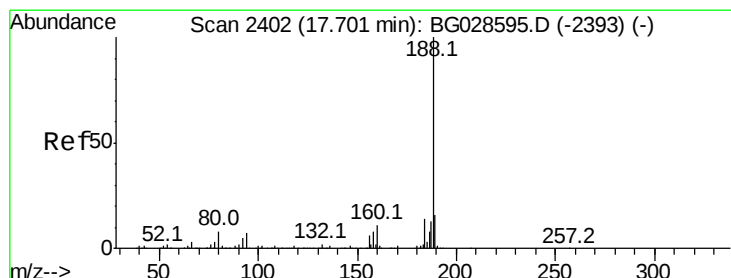
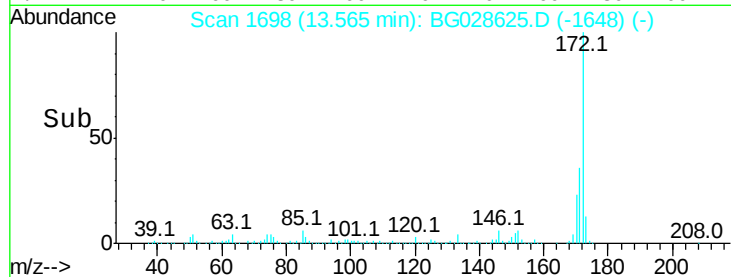
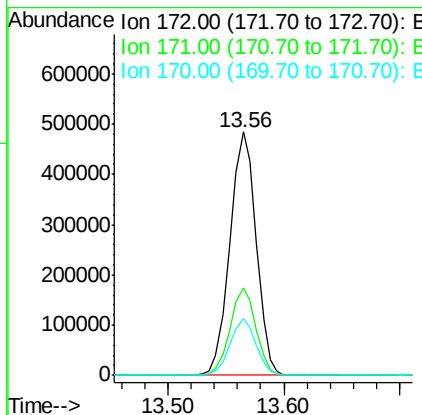
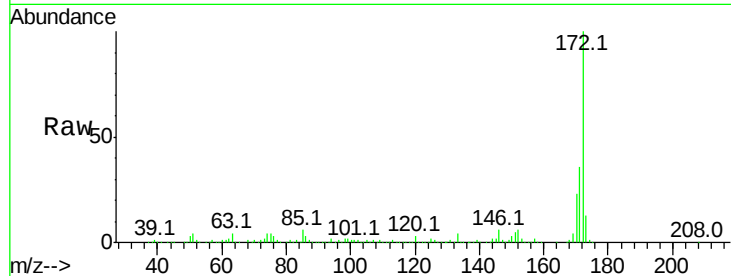




#44
 2-Fluorobiphenyl
 Concen: 98.360 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028625.D
 Acq: 9 Sep 2017 21:36

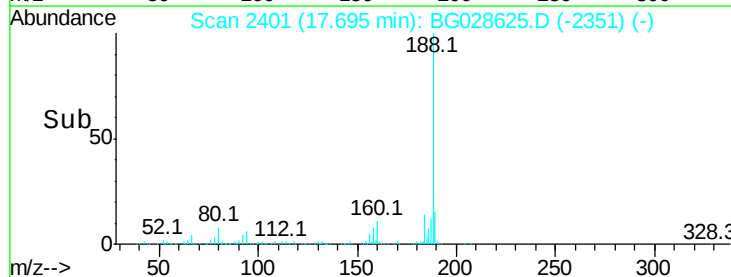
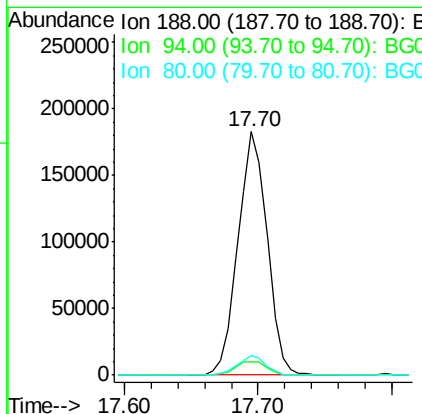
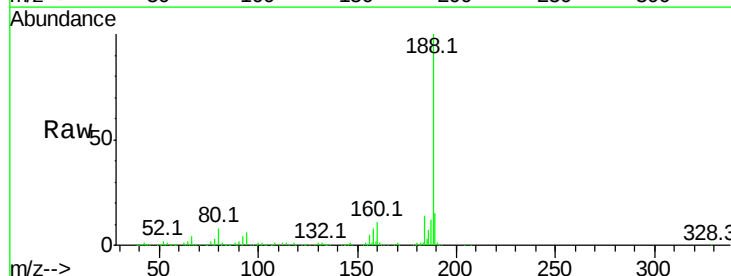
Instrument :
 BNA_G
 ClientSampleId :
 CPS133061

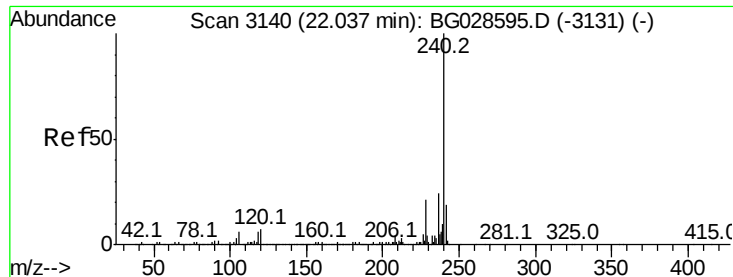
Tot Ion:172 Resp: 760406
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 23.3 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028625.D
 Acq: 9 Sep 2017 21:36

Tgt Ion:188 Resp: 276186
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.8 8.8#
 80 8.0 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: BG028625.D

Acq: 9 Sep 2017 21:36

Instrument :

BNA_G

ClientSampleId :

CPS133061

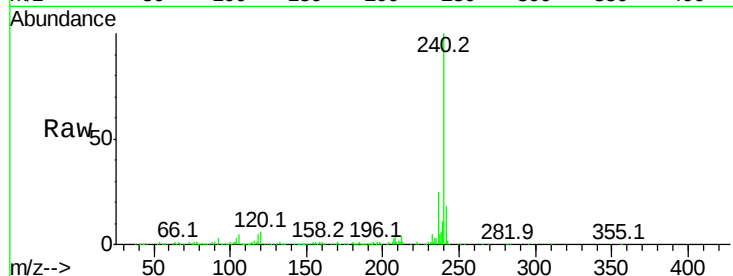
Tot Ion:240 Resp: 319390

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

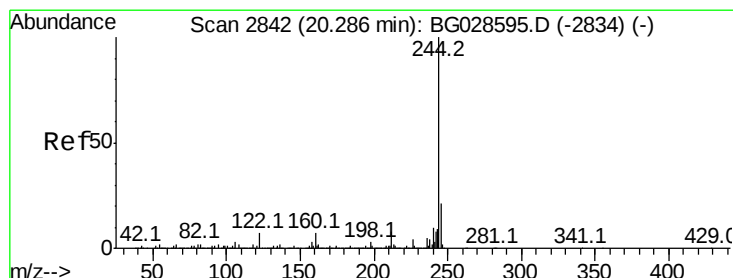
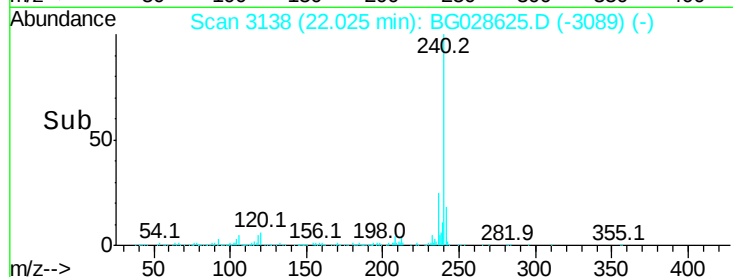
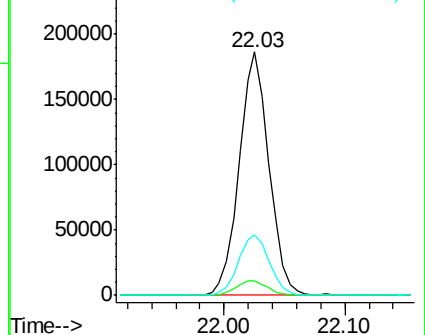
236 24.8 22.2 33.4



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: 94.523 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028625.D

Acq: 9 Sep 2017 21:36

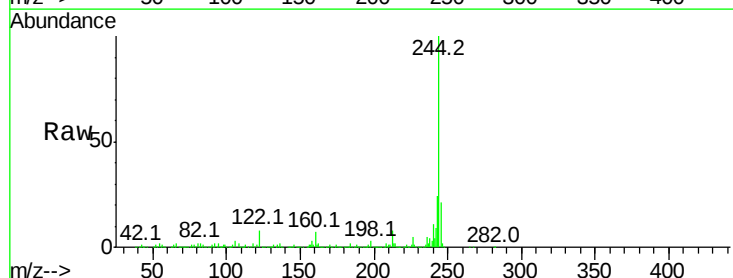
Tgt Ion:244 Resp: 1401226

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

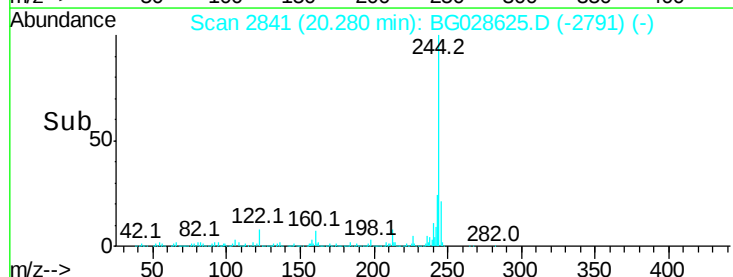
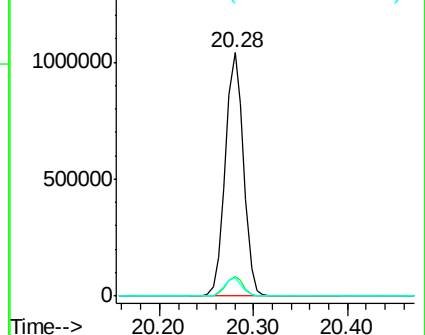
122 7.6 8.6 12.8#

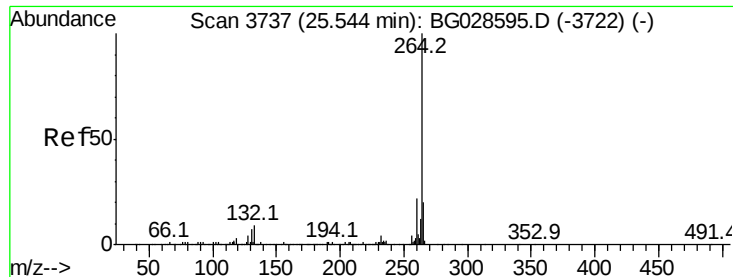


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

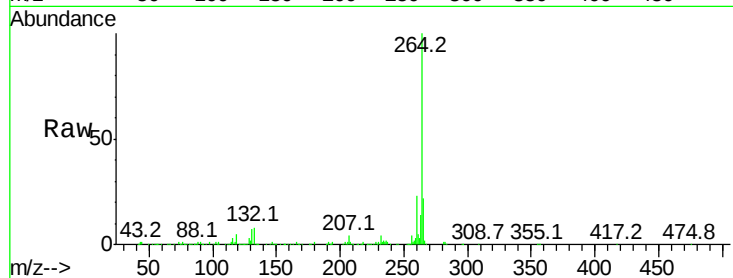




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG028625.D
 Acq: 9 Sep 2017 21:36

Instrument :
 BNA_G
 ClientSampleId :
 CPS133061

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.0	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

