

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028620.D
 Acq On : 9 Sep 2017 18:19
 Operator : SJ/JU
 Sample : I5167-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS113061

Quant Time: Sep 11 07:11:40 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

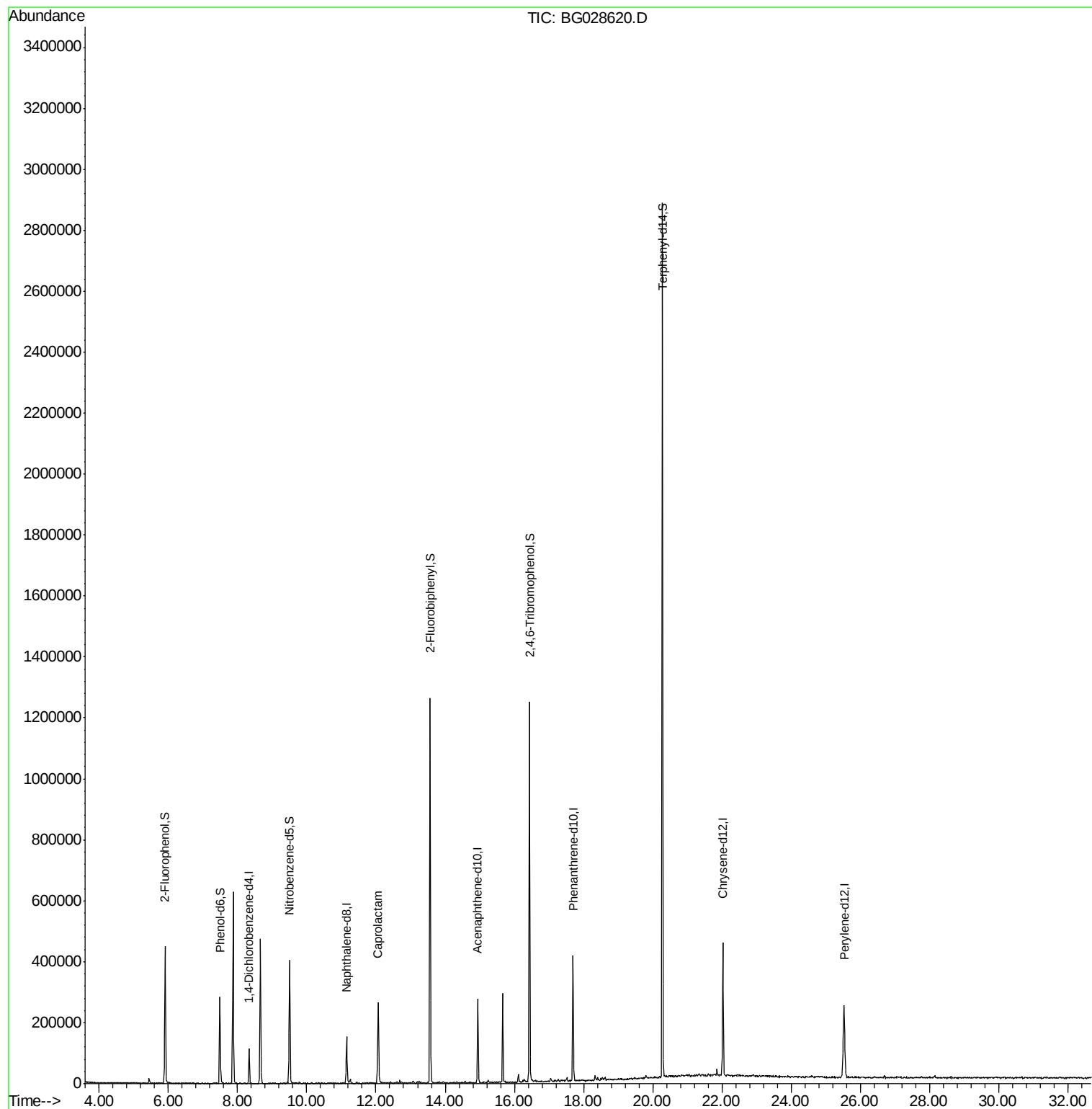
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	33017	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	132858	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	96595	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	258573	20.00	ng	0.00
75) Chrysene-d12	22.03	240	304458	20.00	ng	-0.01
86) Perylene-d12	25.53	264	303117	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	188498	96.13	ng	0.00
7) Phenol-d6	7.49	99	173383	60.96	ng	0.00
23) Nitrobenzene-d5	9.51	82	256976	88.81	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	250951	170.93	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	672228	91.04	ng	0.00
78) Terphenyl-d14	20.28	244	1292266	91.45	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	54185	63.687	ng	Qvalue 99

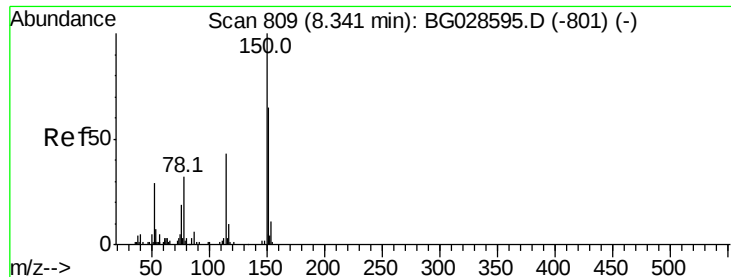
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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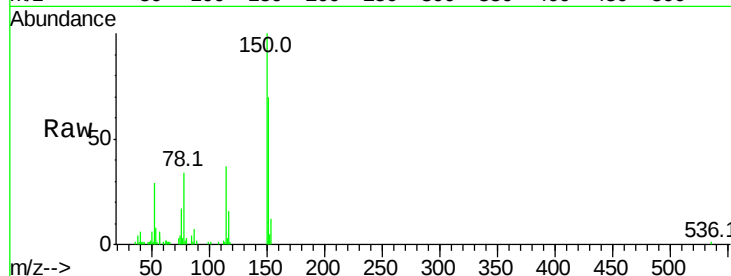


#1

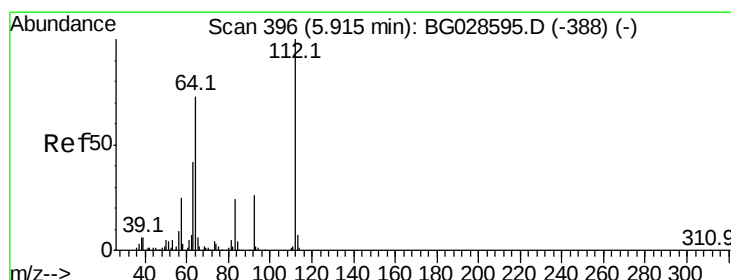
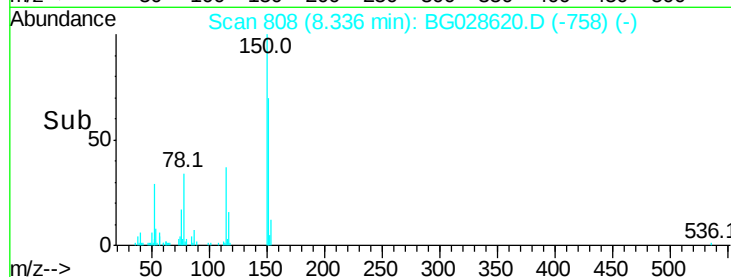
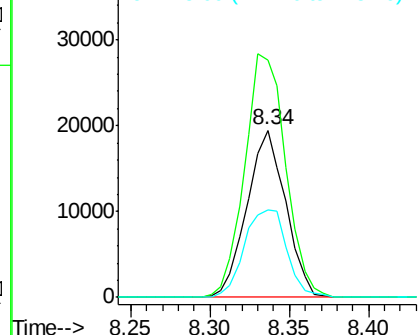
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG028620.D
Acq: 9 Sep 2017 18:19

Instrument :
BNA_G
ClientSampleId :
CPS113061

Tot Ion:152 Resp: 33017
Ion Ratio Lower Upper
152 100
150 142.1 114.0 171.0
115 52.7 48.1 72.1



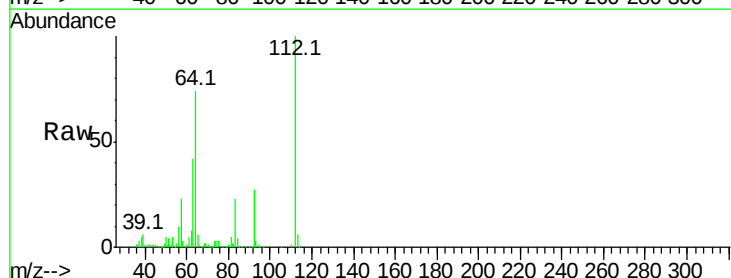
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



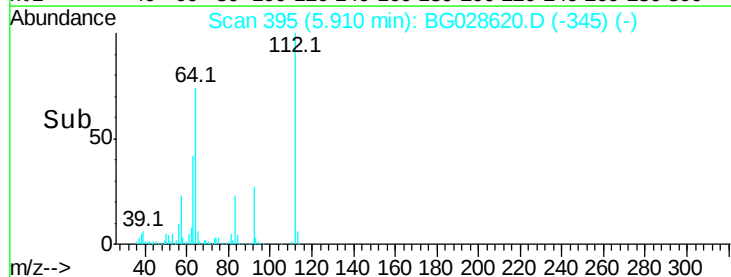
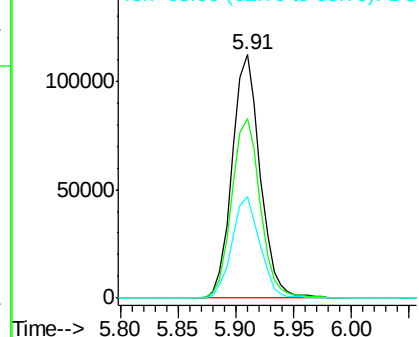
#5

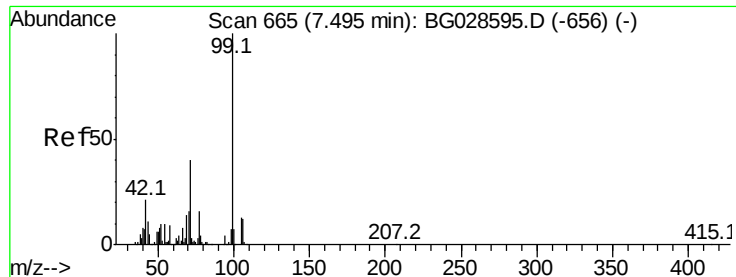
2-Fluorophenol
Concen: 96.126 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028620.D
Acq: 9 Sep 2017 18:19

Tgt Ion:112 Resp: 188498
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 41.6 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: 60.958 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028620.D

Acq: 9 Sep 2017 18:19

Instrument :

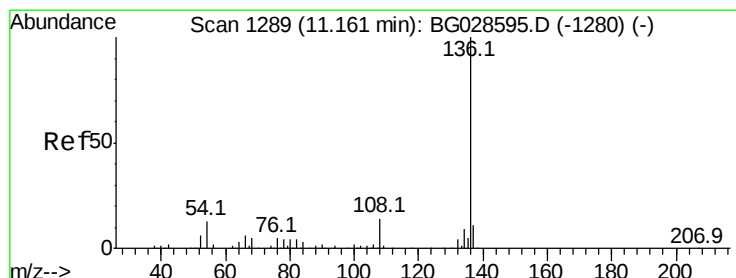
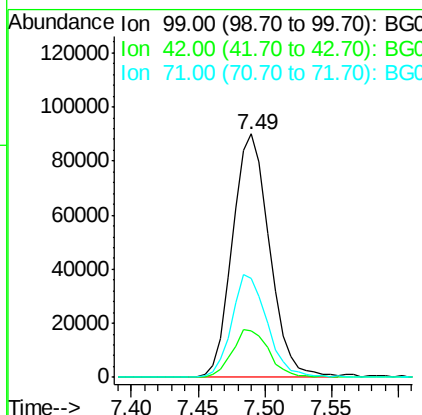
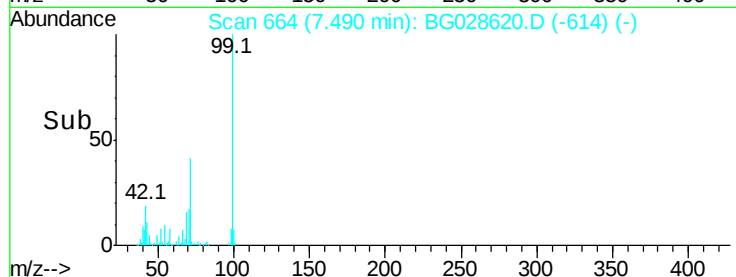
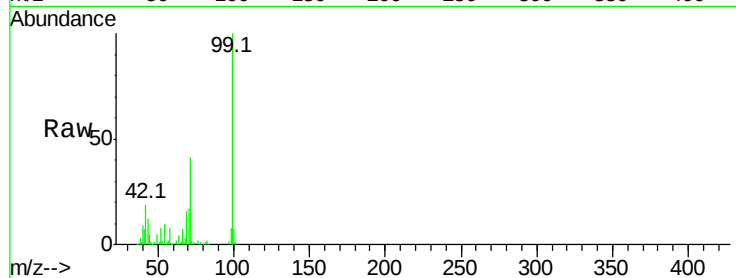
BNA_G

ClientSampleId :

CPS113061

Tot Ion: 99 Resp: 173383

Ion	Ratio	Lower	Upper
99	100		
42	19.0	20.5	30.7#
71	40.7	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.16 min Scan# 1288

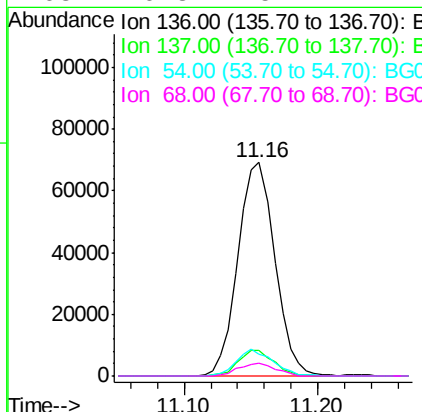
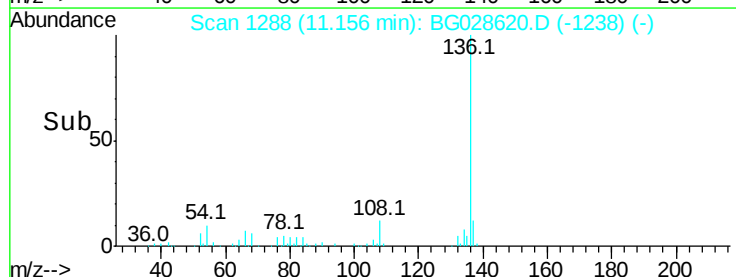
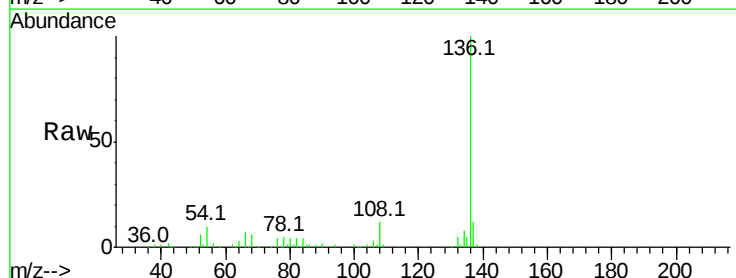
Delta R.T. -0.00 min

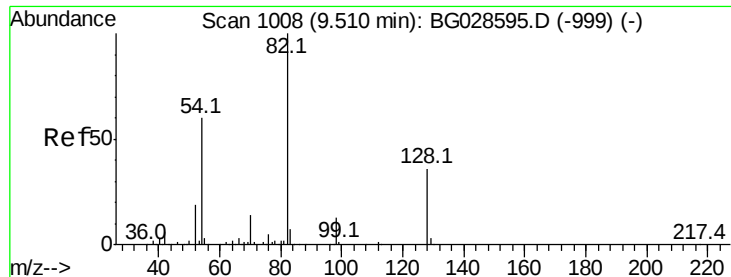
Lab File: BG028620.D

Acq: 9 Sep 2017 18:19

Tgt Ion: 136 Resp: 132858

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	10.3	9.3	13.9
68	6.3	5.1	7.7

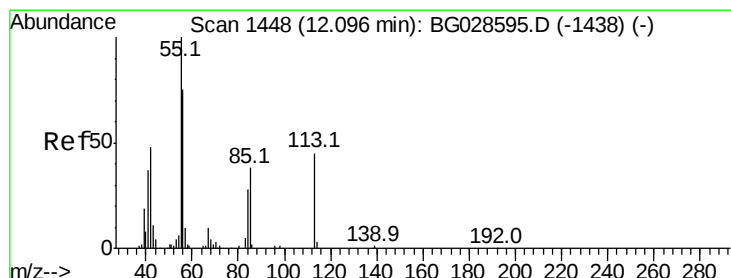
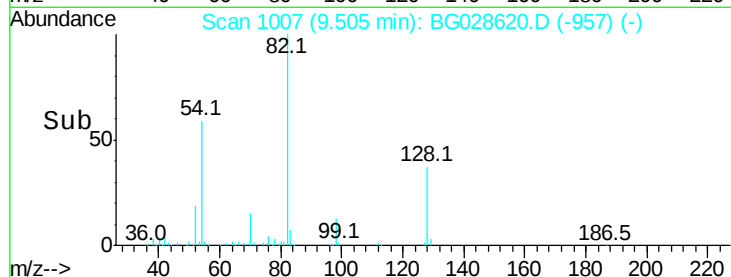
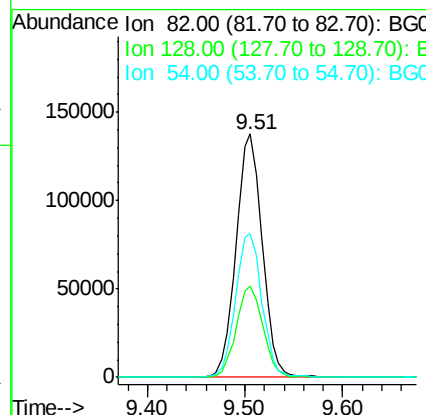
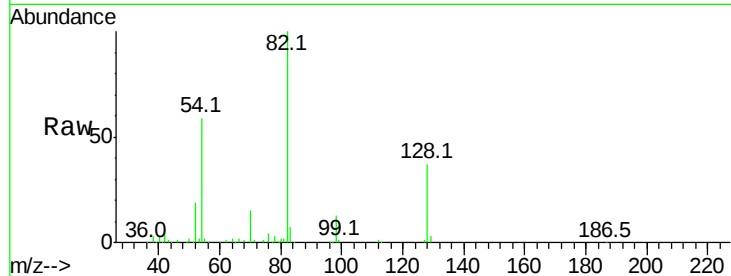




#23
 Nitrobenzene-d5
 Concen: 88.815 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028620.D
 Acq: 9 Sep 2017 18:19

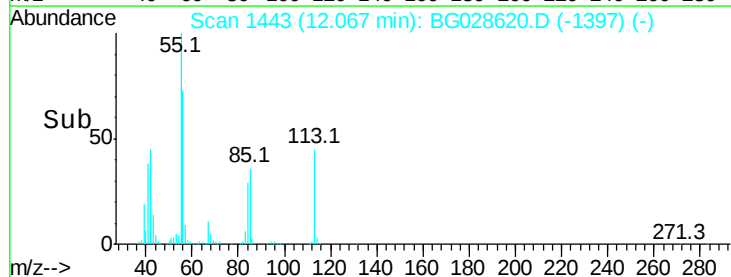
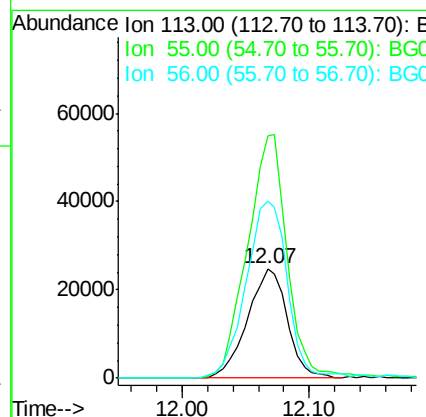
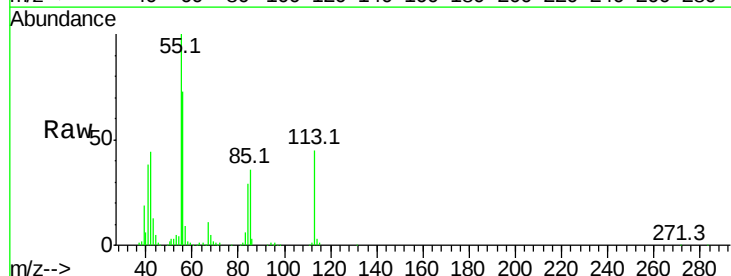
Instrument :
 BNA_G
 ClientSampleId :
 CPS113061

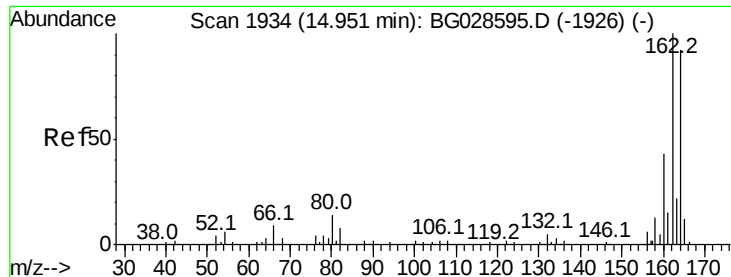
Tot Ion: 82 Resp: 256976
 Ion Ratio Lower Upper
 82 100
 128 37.4 26.4 39.6
 54 59.0 49.4 74.2



#35
 Caprolactam
 Concen: 63.687 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028620.D
 Acq: 9 Sep 2017 18:19

Tgt Ion: 113 Resp: 54185
 Ion Ratio Lower Upper
 113 100
 55 221.0 198.6 238.6
 56 161.2 140.4 180.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028620.D

Acq: 9 Sep 2017 18:19

Instrument :

BNA_G

ClientSampleId :

CPS113061

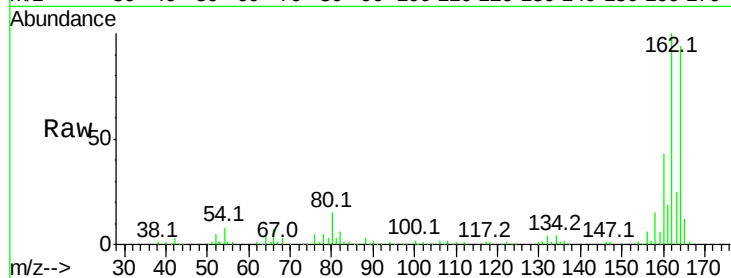
Tot Ion:164 Resp: 96595

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

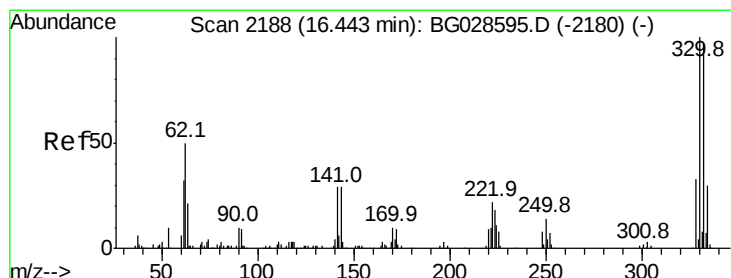
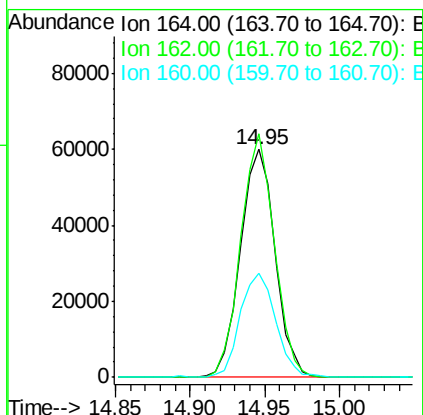
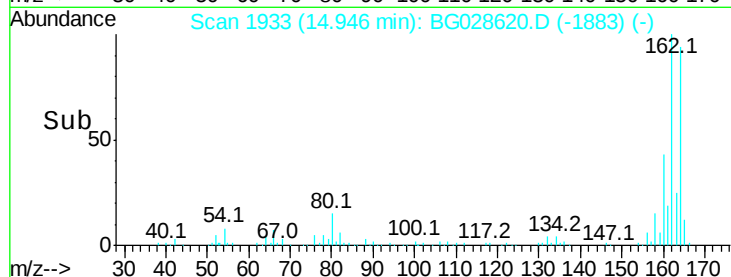
160 45.9 34.7 52.1



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: 170.931 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG028620.D

Acq: 9 Sep 2017 18:19

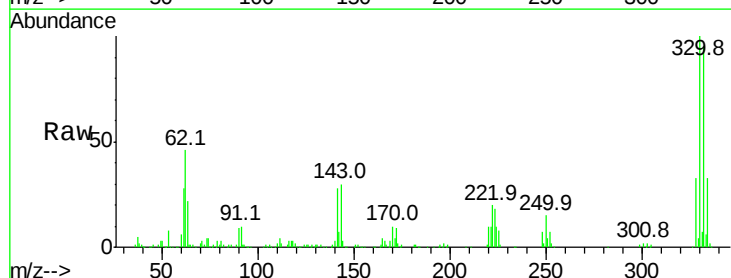
Tgt Ion:330 Resp: 250951

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

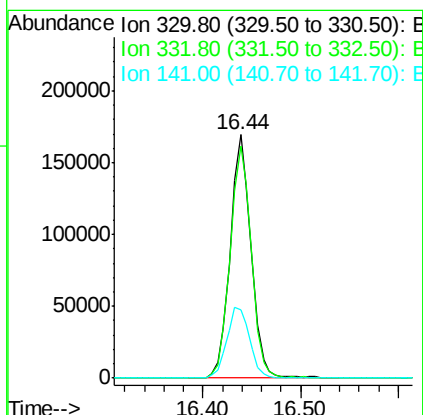
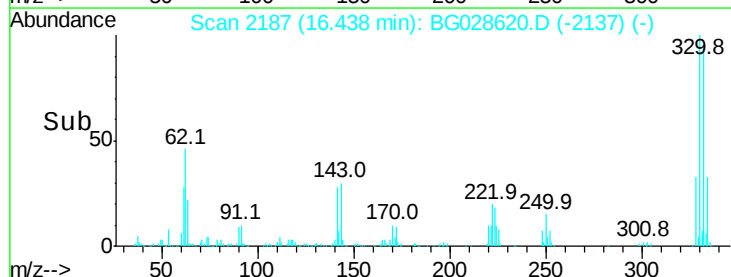
141 32.3 32.1 48.1

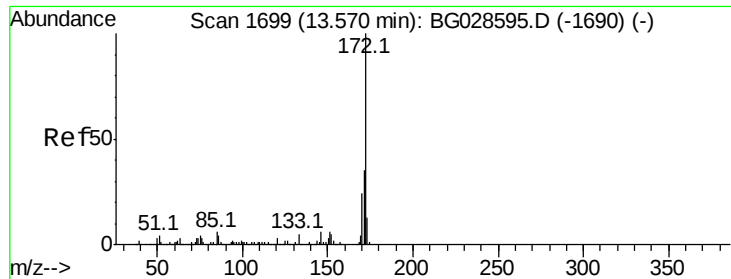


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

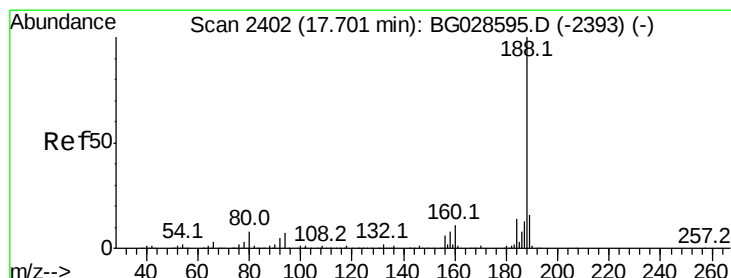
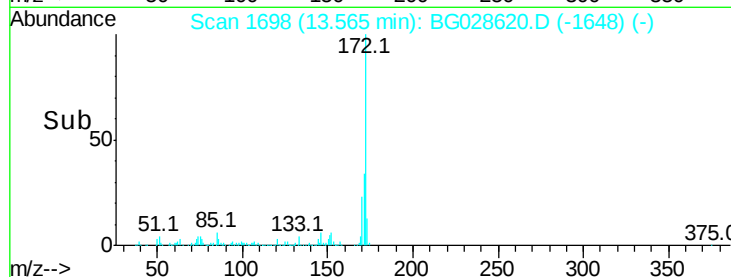
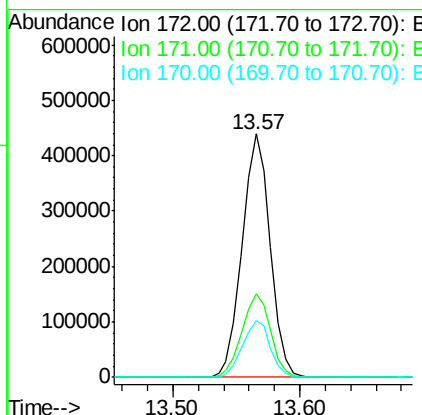
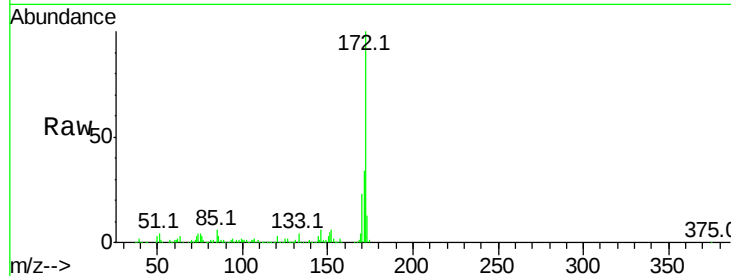




#44
 2-Fluorobiphenyl
 Concen: 91.043 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028620.D
 Acq: 9 Sep 2017 18:19

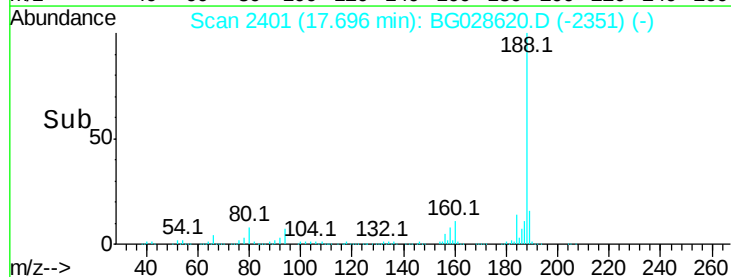
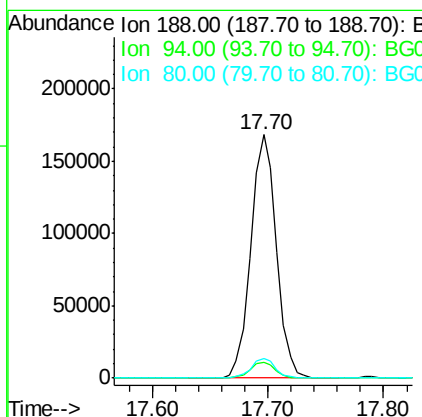
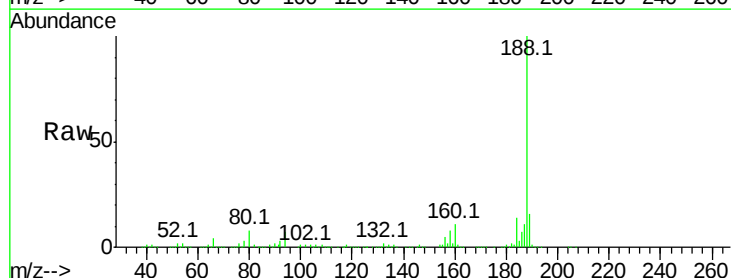
Instrument :
 BNA_G
 ClientSampleId :
 CPS113061

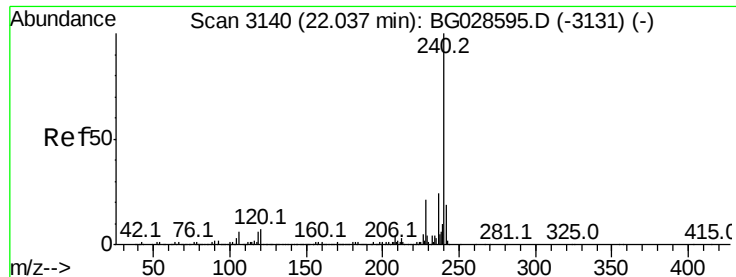
Tot Ion:172 Resp: 672228
 Ion Ratio Lower Upper
 172 100
 171 34.5 32.2 48.2
 170 23.1 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG028620.D
 Acq: 9 Sep 2017 18:19

Tgt Ion:188 Resp: 258573
 Ion Ratio Lower Upper
 188 100
 94 6.7 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: BG028620.D

Acq: 9 Sep 2017 18:19

Instrument :

BNA_G

ClientSampleId :

CPS113061

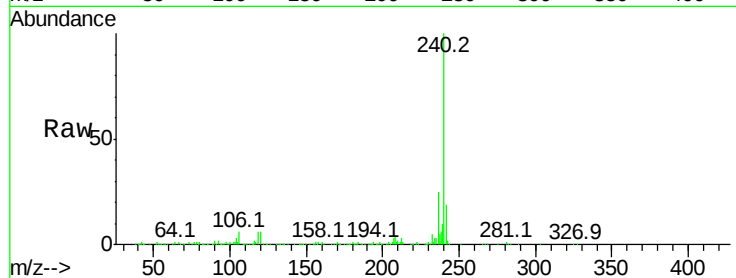
Tot Ion:240 Resp: 304458

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

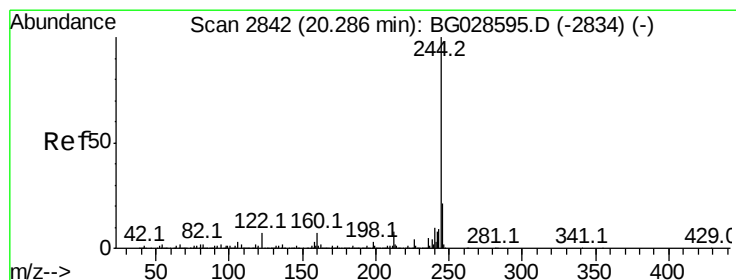
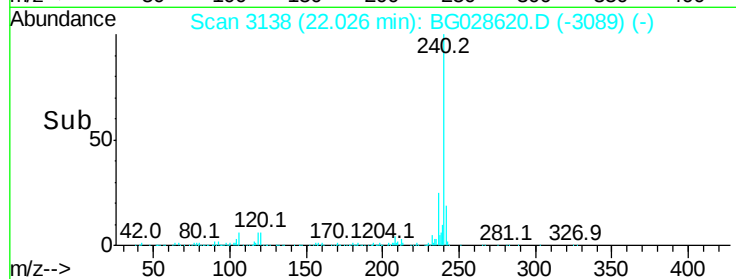
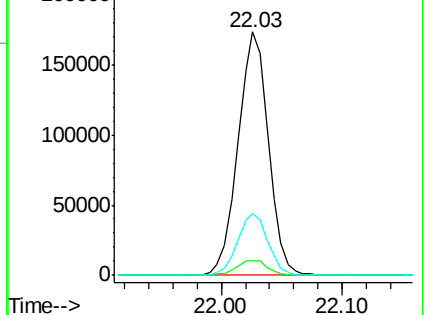
236 25.2 22.2 33.4



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: 91.448 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028620.D

Acq: 9 Sep 2017 18:19

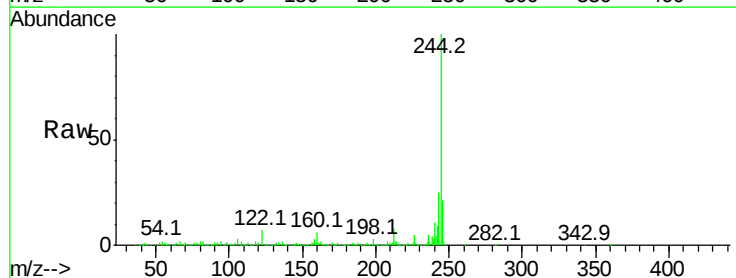
Tgt Ion:244 Resp: 1292266

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

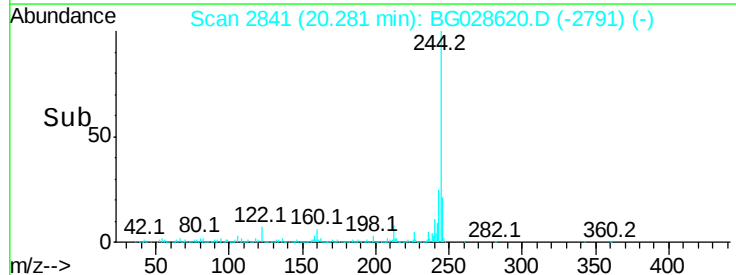
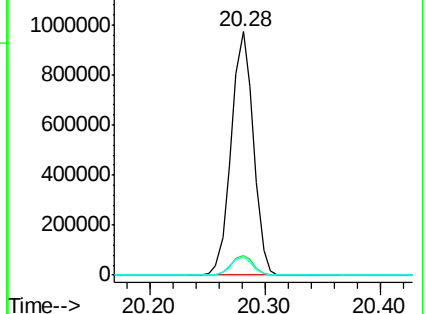
122 7.4 8.6 12.8#

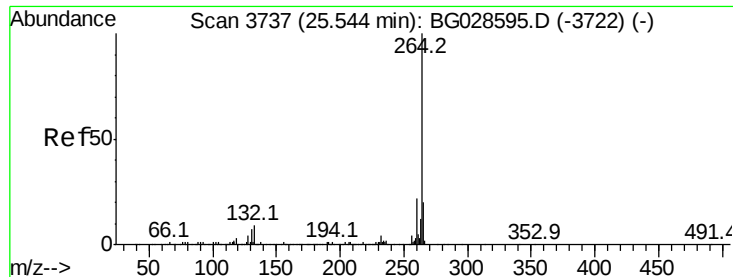


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

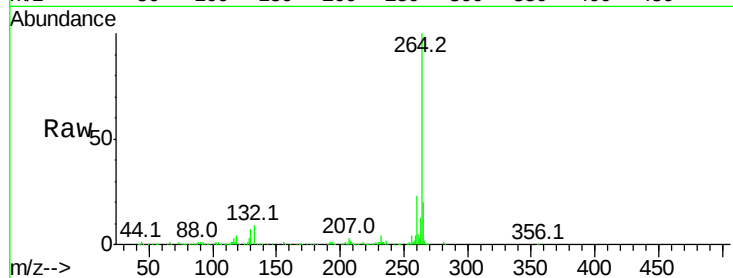




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG028620.D
Acq: 9 Sep 2017 18:19

Instrument :
BNA_G
ClientSampleId :
CPS113061

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.2	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

