

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028648.D
 Acq On : 11 Sep 2017 19:10
 Operator : SJ/JU
 Sample : I5167-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS113061

Quant Time: Sep 12 05:37:17 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

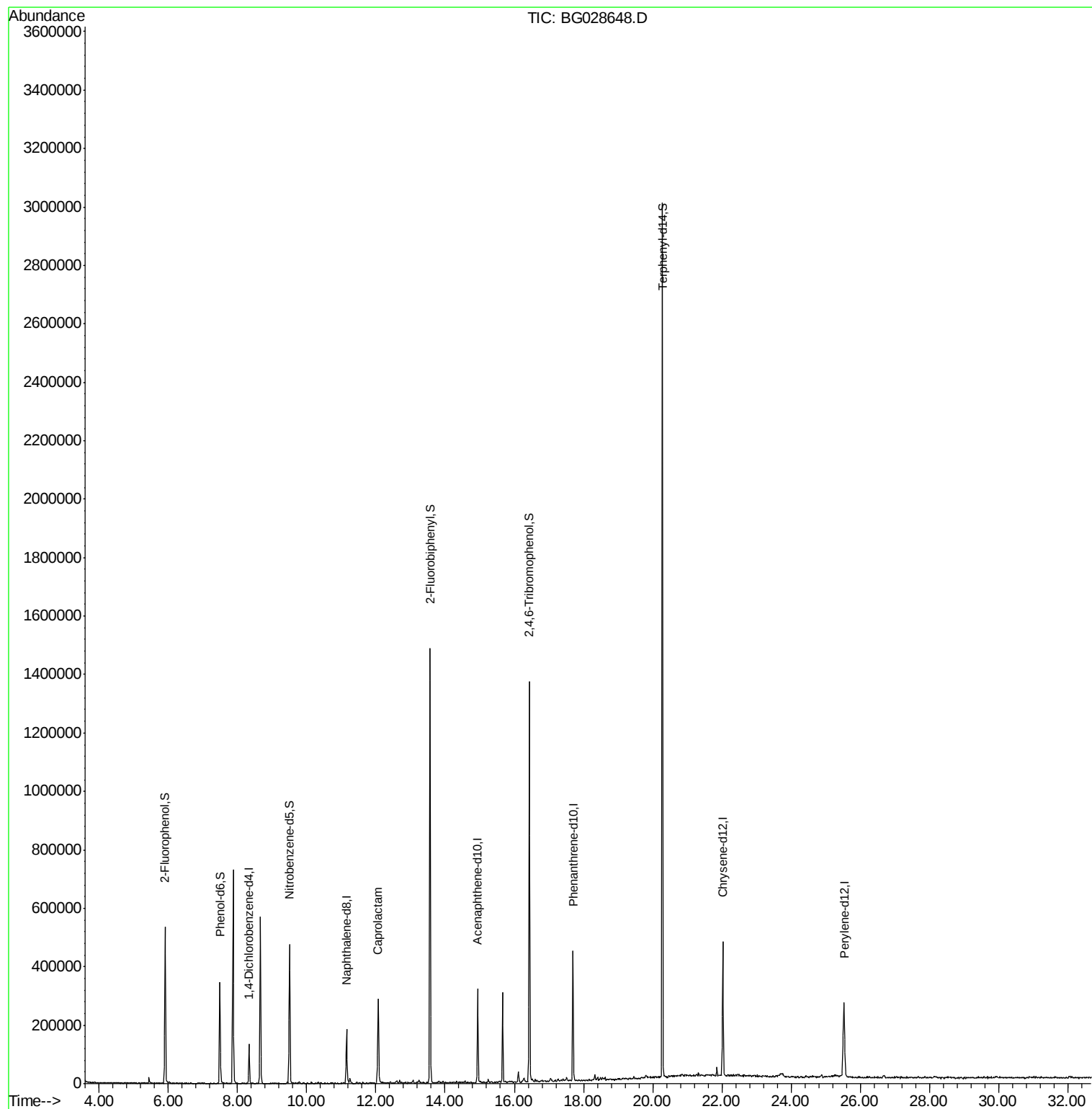
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	38051	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	155250	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	111364	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	286942	20.00	ng	0.00
75) Chrysene-d12	22.03	240	328687	20.00	ng	0.00
86) Perylene-d12	25.53	264	318467	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	222873	98.62	ng	0.00
7) Phenol-d6	7.49	99	209344	63.86	ng	0.00
23) Nitrobenzene-d5	9.51	82	308264	91.17	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	282907	167.14	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	807201	94.82	ng	0.00
78) Terphenyl-d14	20.28	244	1374867	90.12	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	58823	59.166	ng	Qvalue 93

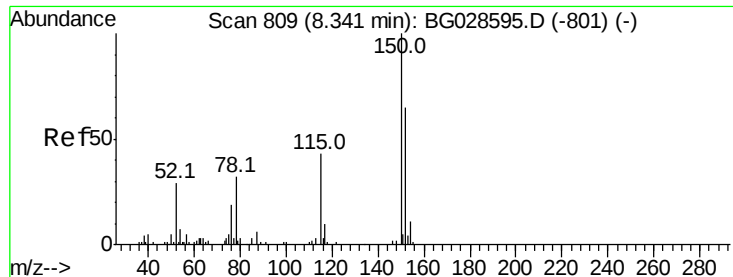
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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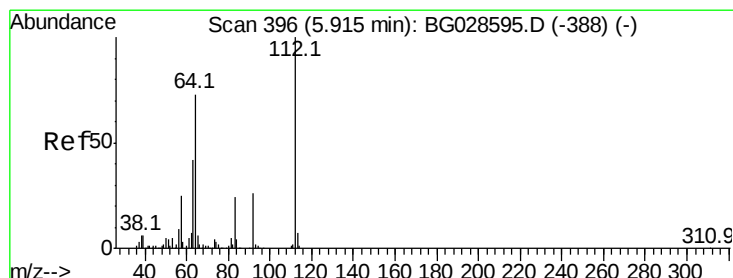
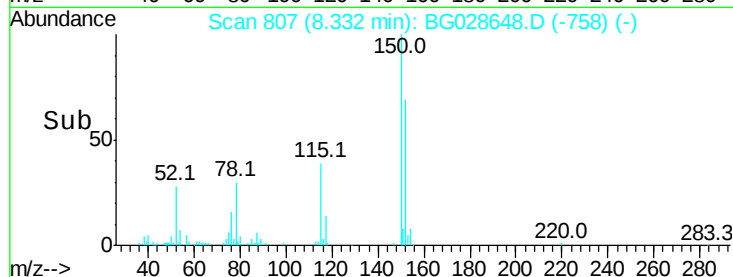
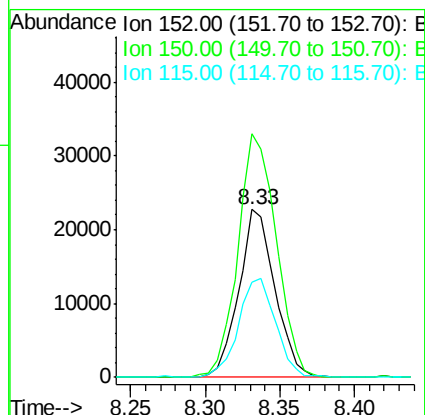
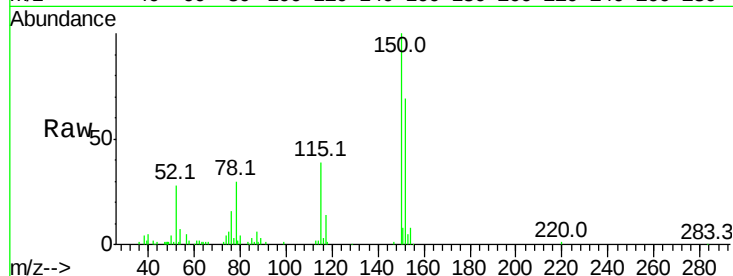


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

Instrument :
BNA_G
ClientSampleId :
CPS113061

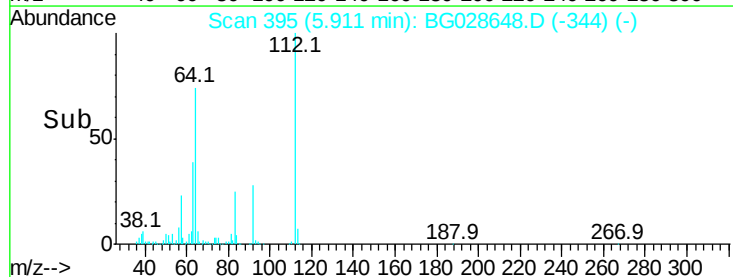
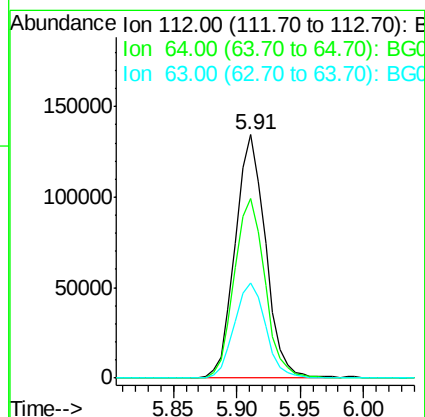
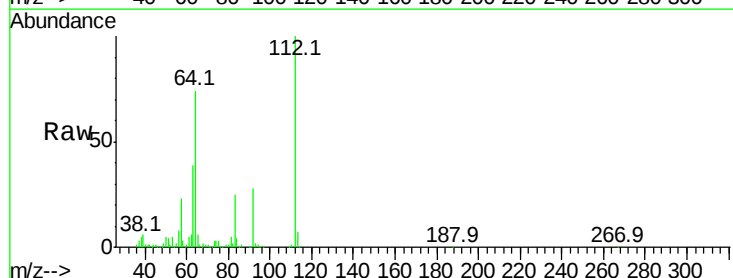
Tot Ion:152 Resp: 38051
Ion Ratio Lower Upper
152 100
150 144.9 114.0 171.0
115 57.0 48.1 72.1

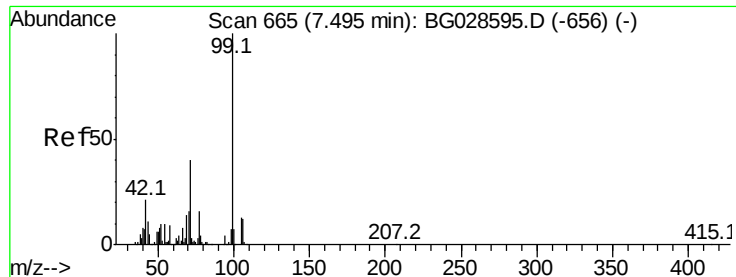


#5

2-Fluorophenol
Concen: 98.620 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

Tgt Ion:112 Resp: 222873
Ion Ratio Lower Upper
112 100
64 74.0 61.8 92.6
63 38.8 37.2 55.8





#7

Phenol-d6

Concen: 63.864 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028648.D

Acq: 11 Sep 2017 19:10

Instrument :

BNA_G

ClientSampleId :

CPS113061

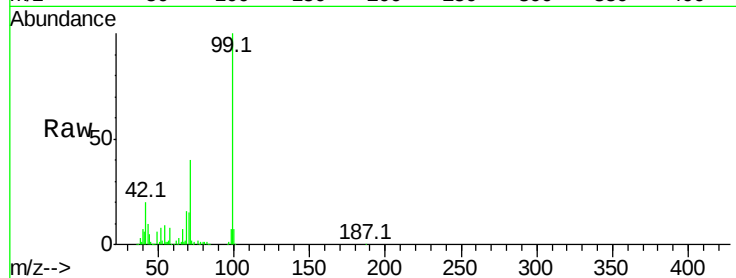
Tot Ion: 99 Resp: 209344

Ion Ratio Lower Upper

99 100

42 20.5 20.5 30.7

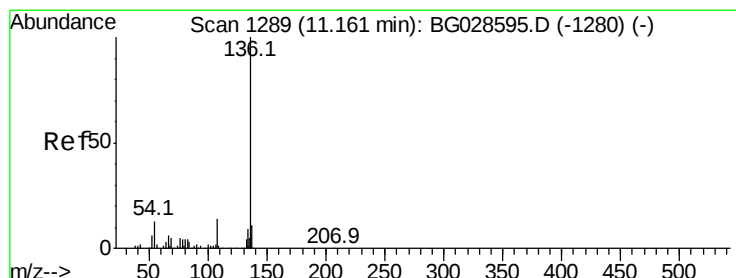
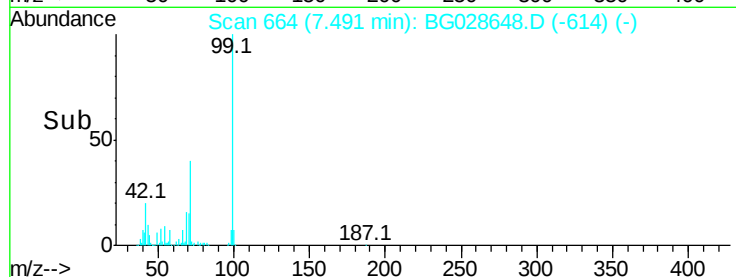
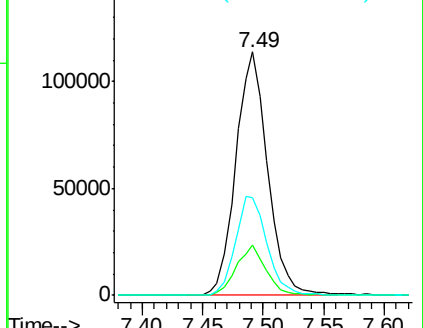
71 40.2 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028648.D

Acq: 11 Sep 2017 19:10

Tgt Ion: 136 Resp: 155250

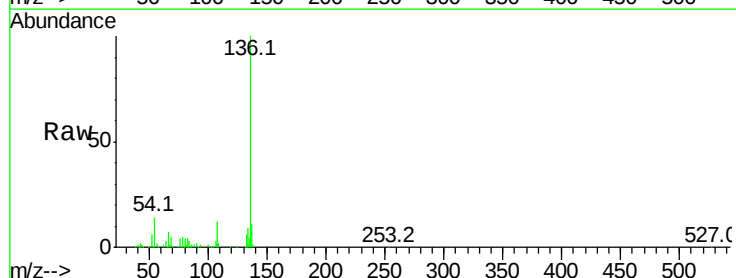
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 14.4 9.3 13.9#

68 4.8 5.1 7.7#

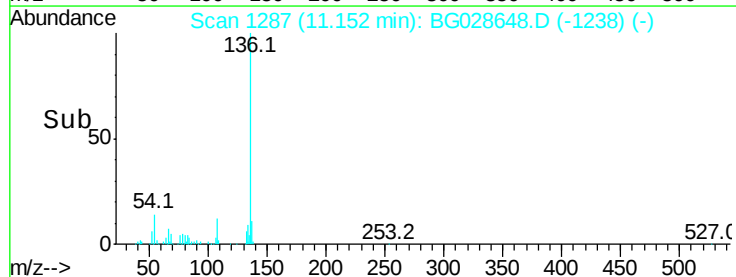
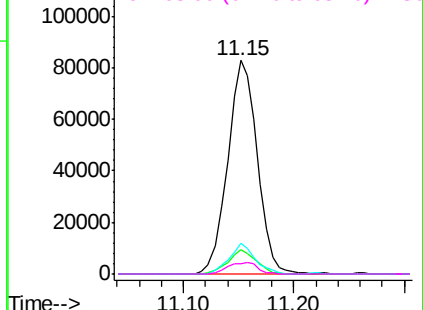


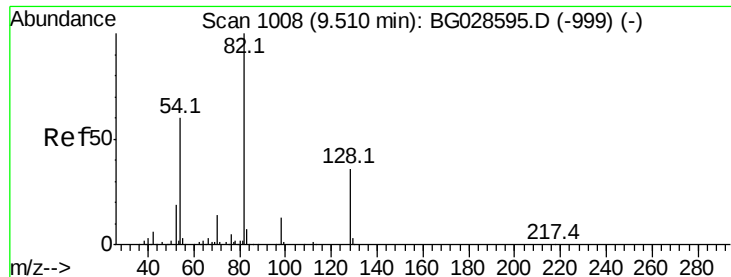
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

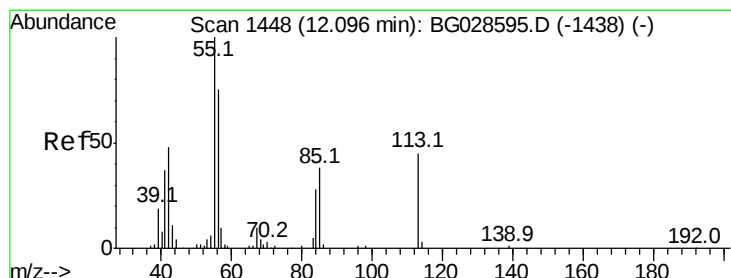
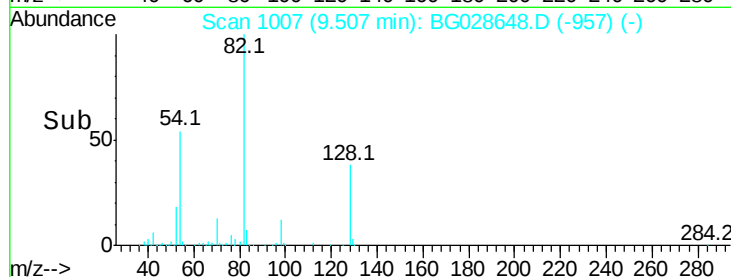
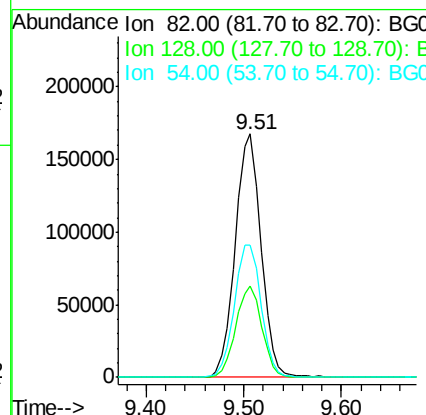
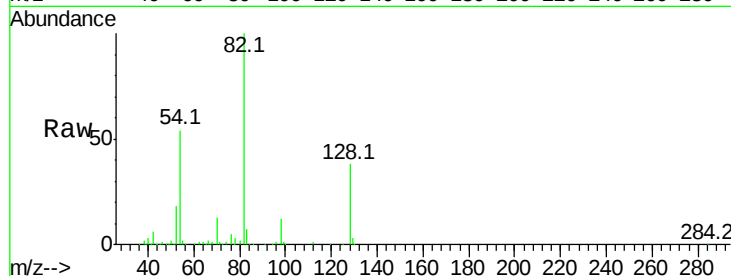




#23
 Nitrobenzene-d5
 Concen: 91.174 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG028648.D
 Acq: 11 Sep 2017 19:10

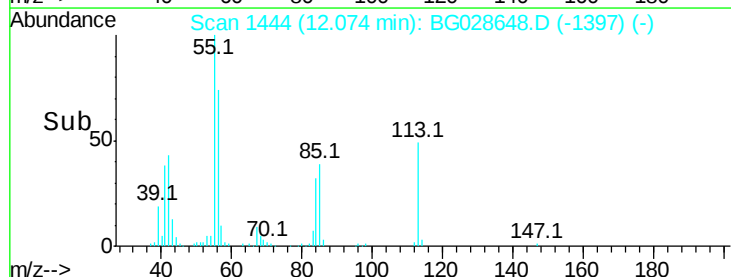
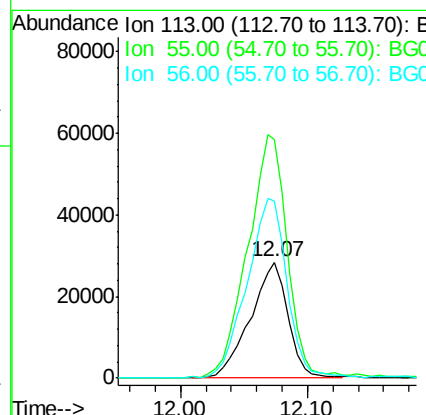
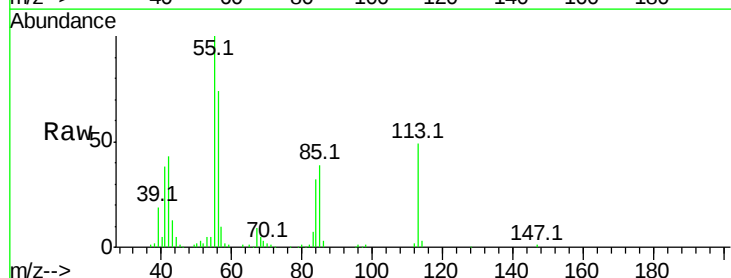
Instrument :
 BNA_G
 ClientSampled :
 CPS113061

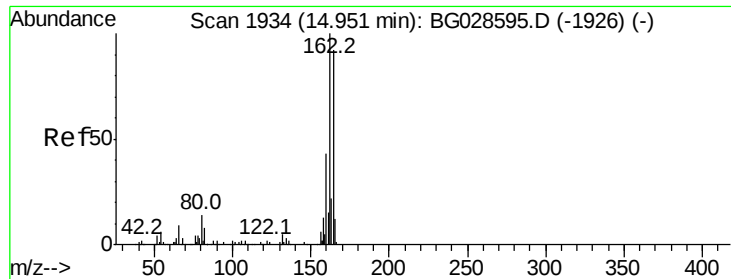
Tot Ion: 82 Resp: 308264
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.4 39.6
 54 54.4 49.4 74.2



#35
 Caprolactam
 Concen: 59.166 ng
 RT: 12.07 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BG028648.D
 Acq: 11 Sep 2017 19:10

Tgt Ion: 113 Resp: 58823
 Ion Ratio Lower Upper
 113 100
 55 205.7 198.6 238.6
 56 152.6 140.4 180.4

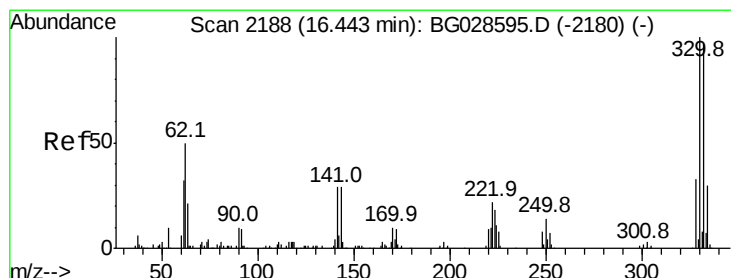
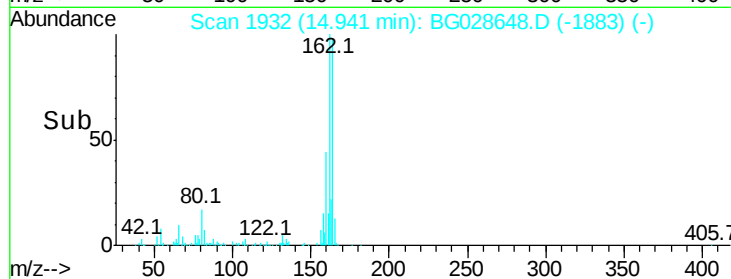
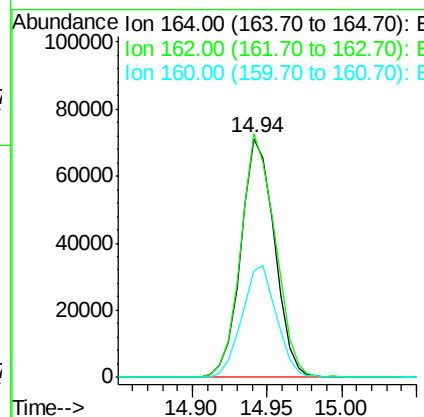
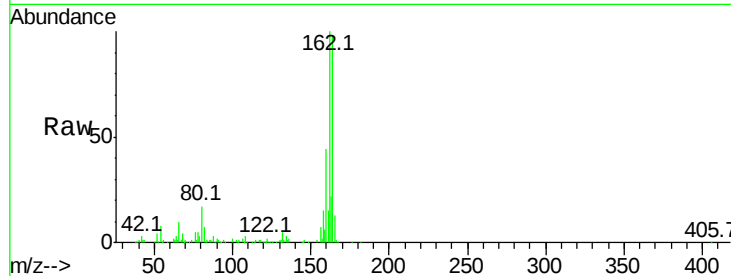




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

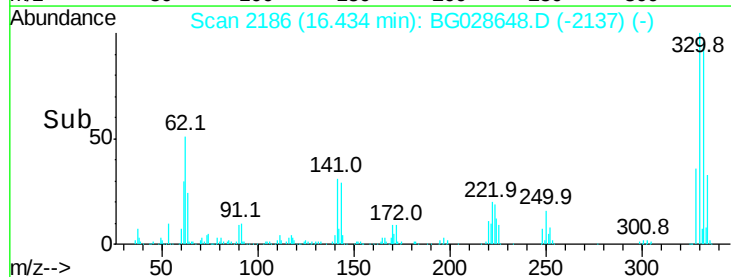
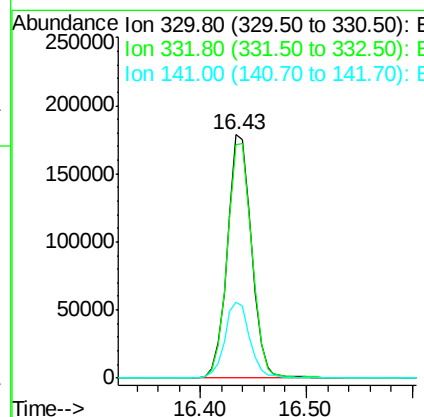
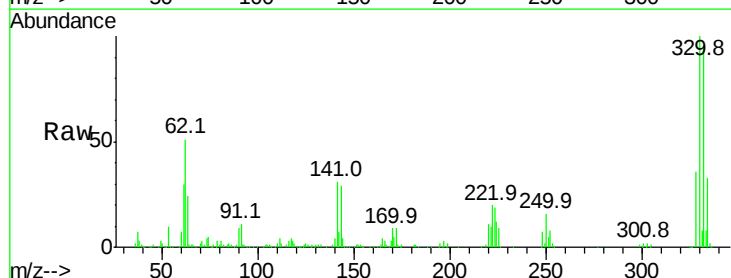
Instrument :
BNA_G
ClientSampleId :
CPS113061

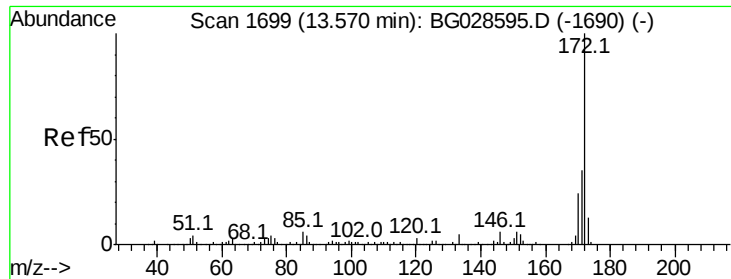
Tot Ion:164 Resp: 111364
Ion Ratio Lower Upper
164 100
162 101.8 85.1 127.7
160 44.6 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 167.142 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

Tgt Ion:330 Resp: 282907
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 32.3 32.1 48.1

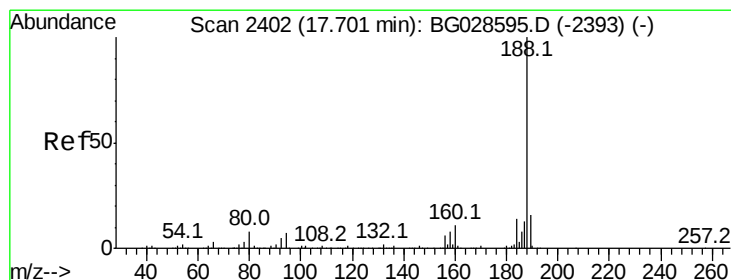
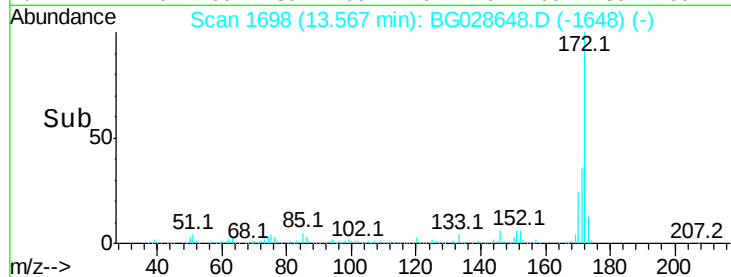
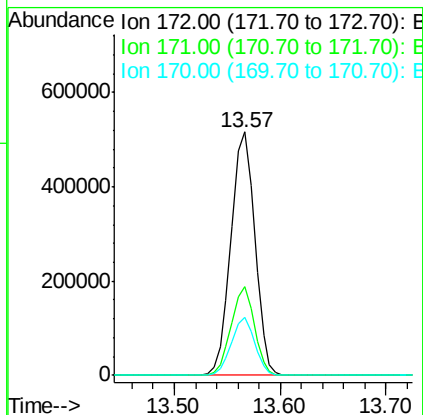
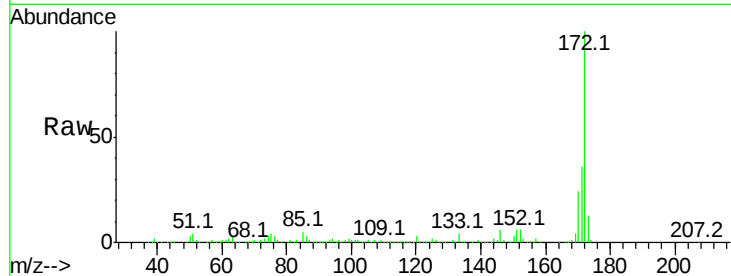




#44
2-Fluorobiphenyl
Concen: 94.824 ng
RT: 13.57 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

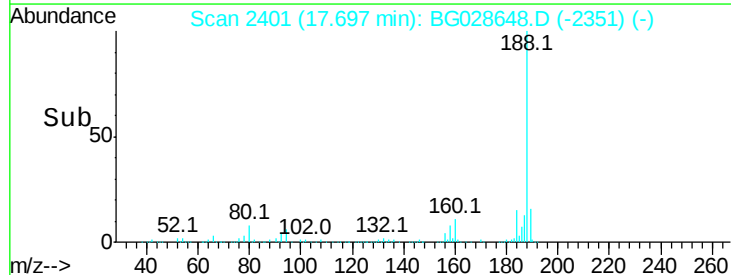
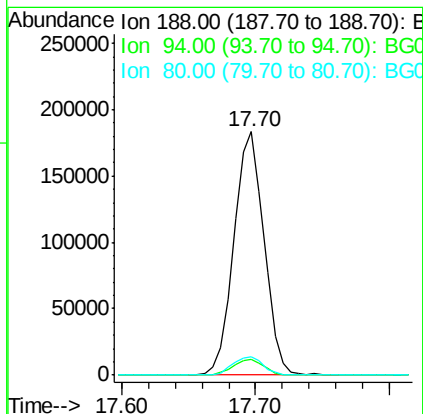
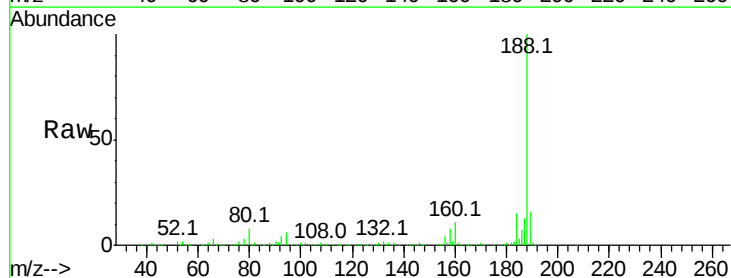
Instrument :
BNA_G
ClientSampleId :
CPS113061

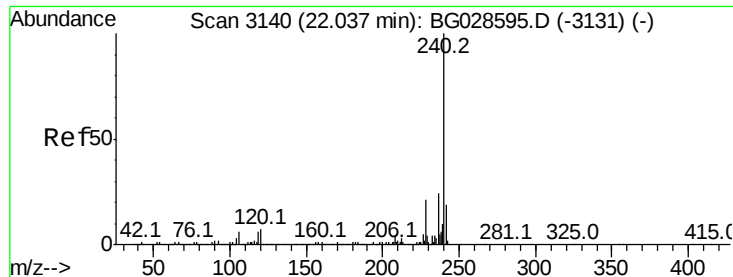
Tot Ion:172 Resp: 807201
Ion Ratio Lower Upper
172 100
171 36.4 32.2 48.2
170 23.6 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

Tgt Ion:188 Resp: 286942
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.7 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: BG028648.D

Acq: 11 Sep 2017 19:10

Instrument :

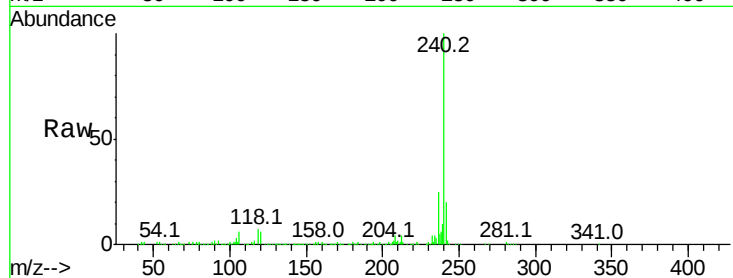
BNA_G

ClientSampleId :

CPS113061

Tot Ion:240 Resp: 328687

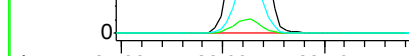
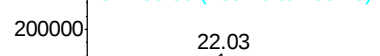
Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.1	22.2	33.4



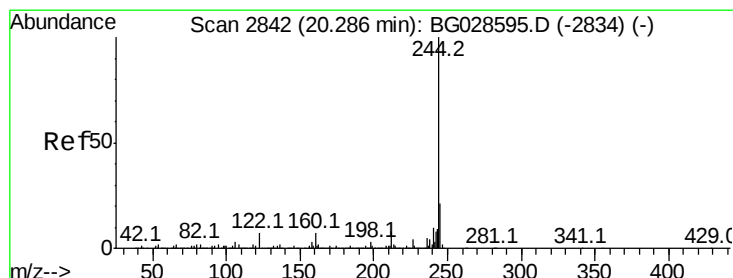
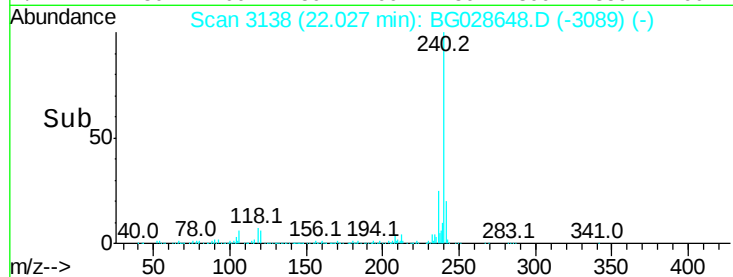
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10



#78

Terphenyl-d14

Concen: 90.122 ng

RT: 20.28 min Scan# 2841

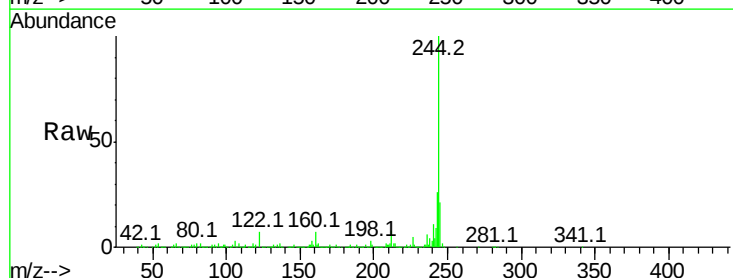
Delta R.T. -0.00 min

Lab File: BG028648.D

Acq: 11 Sep 2017 19:10

Tgt Ion:244 Resp: 1374867

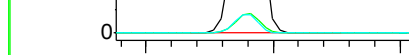
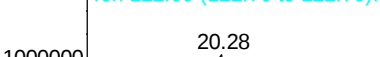
Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.3	8.6	12.8#



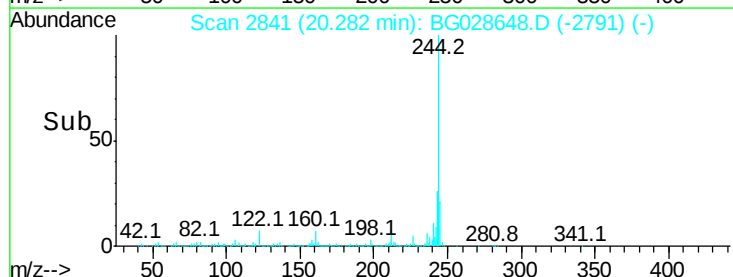
Abundance Ion 244.00 (243.70 to 244.70): E

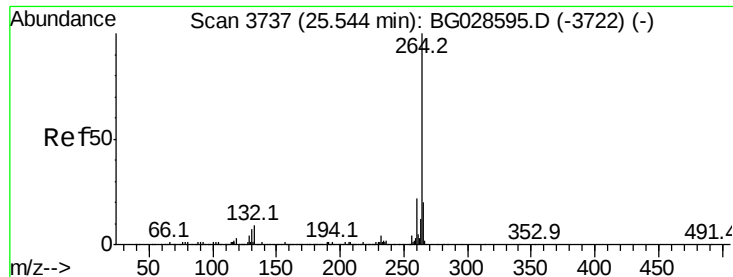
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.20 20.30





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG028648.D
Acq: 11 Sep 2017 19:10

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	20.8	18.2	27.4

