

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028642.D
 Acq On : 11 Sep 2017 15:14
 Operator : SJ/JU
 Sample : I5167-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS083061

Quant Time: Sep 12 05:10:11 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

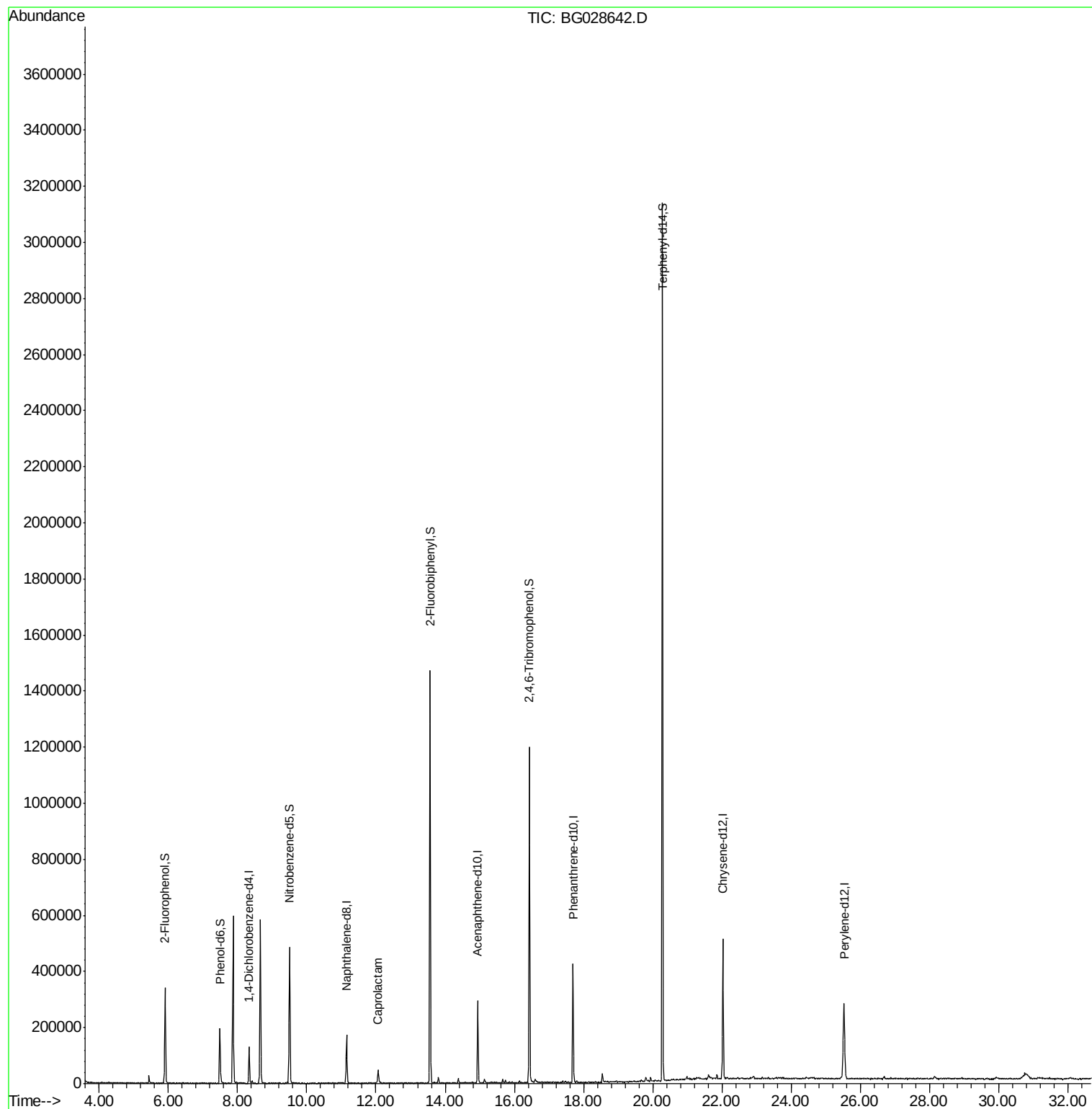
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	37440	20.00	ng	-0.01
21) Naphthalene-d8	11.15	136	146996	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	103860	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	274716	20.00	ng	0.00
75) Chrysene-d12	22.03	240	337482	20.00	ng	-0.01
86) Perylene-d12	25.52	264	326841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	146368	65.82	ng	0.00
7) Phenol-d6	7.49	99	118283	36.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	310022	96.84	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	257060	162.84	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	775949	97.74	ng	0.00
78) Terphenyl-d14	20.28	244	1356381	86.59	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	10508	11.163	ng	Qvalue # 82

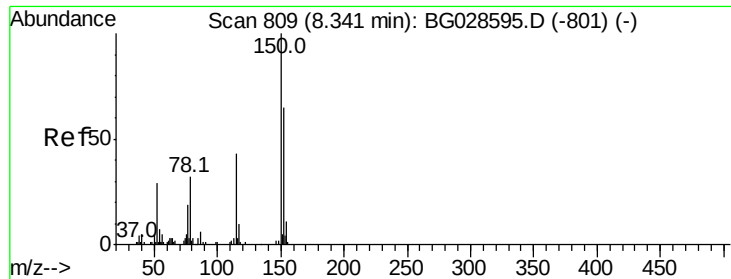
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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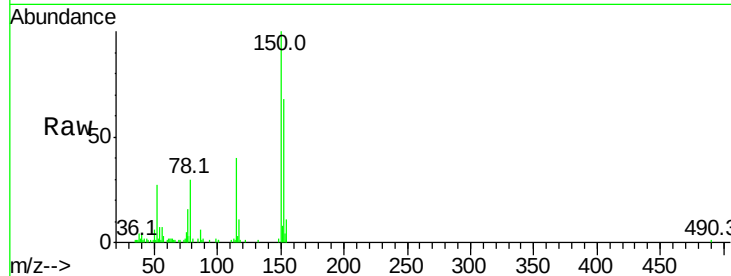


#1

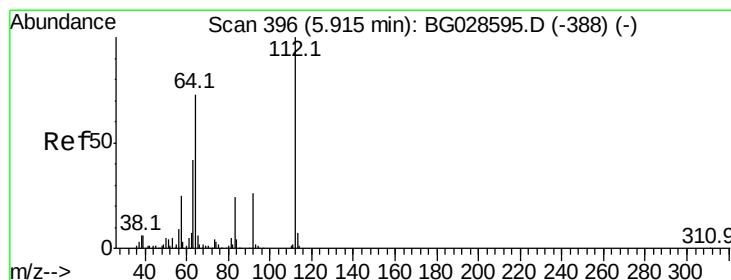
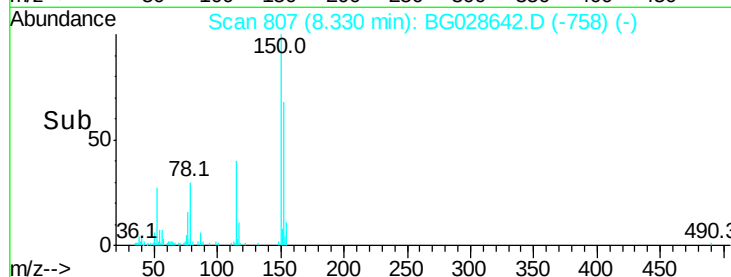
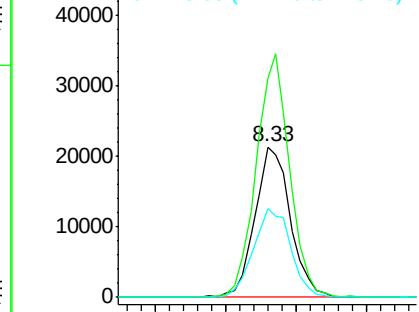
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Instrument :
BNA_G
ClientSampleId :
CPS083061

Tot Ion:152 Resp: 37440
Ion Ratio Lower Upper
152 100
150 146.0 114.0 171.0
115 58.9 48.1 72.1



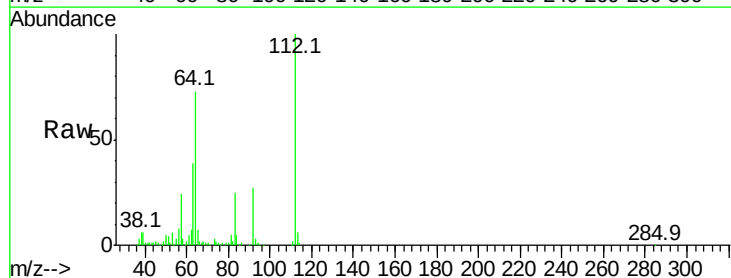
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



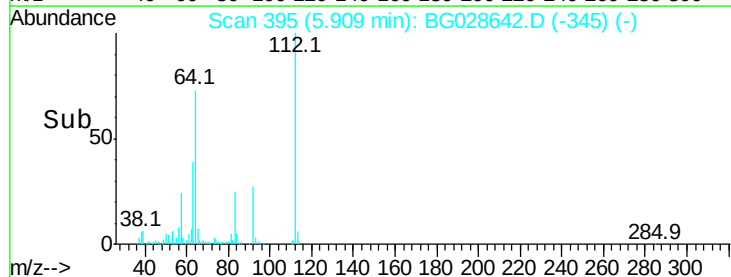
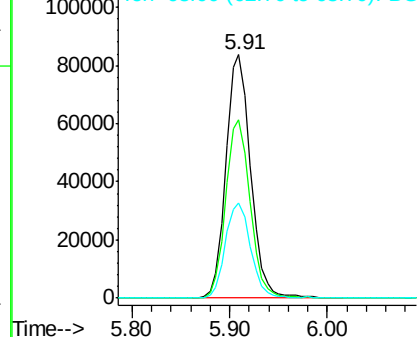
#5

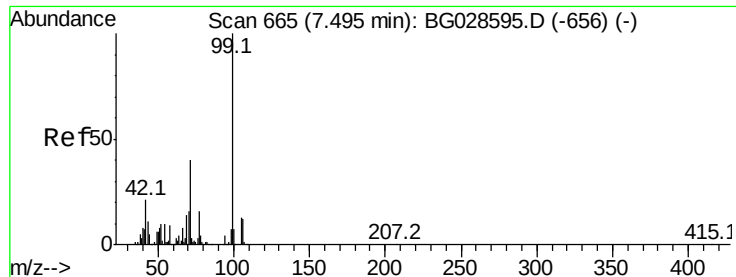
2-Fluorophenol
Concen: 65.824 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Tgt Ion:112 Resp: 146368
Ion Ratio Lower Upper
112 100
64 73.3 61.8 92.6
63 38.9 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: 36.673 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

CPS083061

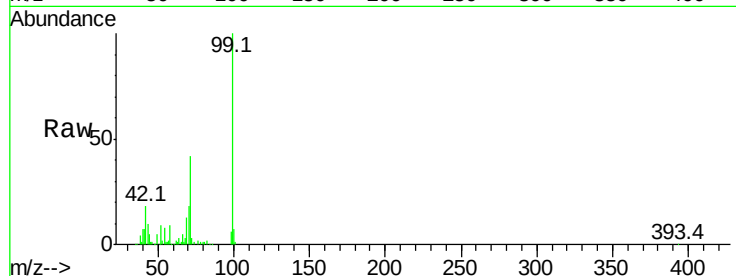
Tot Ion: 99 Resp: 118283

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

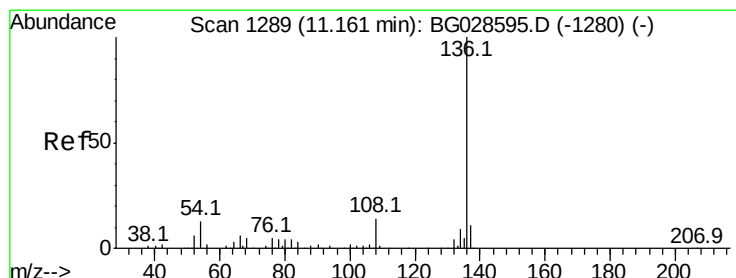
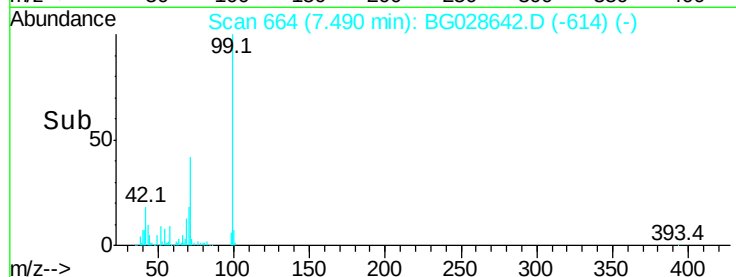
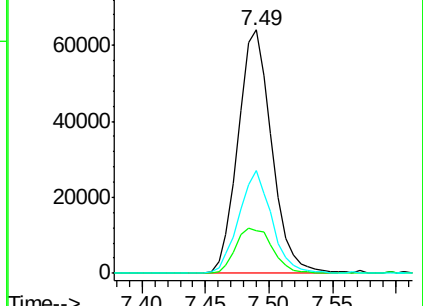
71 42.4 37.6 56.4



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: BG028642.D

Acq: 11 Sep 2017 15:14

Tgt Ion: 136 Resp: 146996

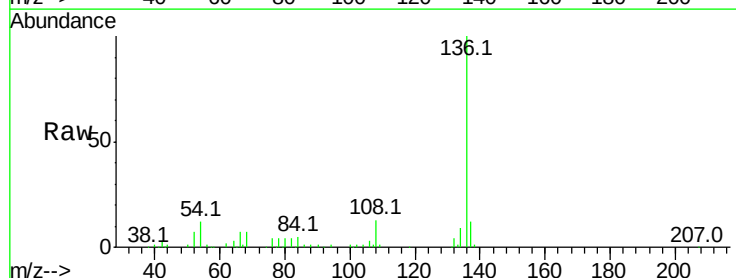
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 12.1 9.3 13.9

68 6.6 5.1 7.7

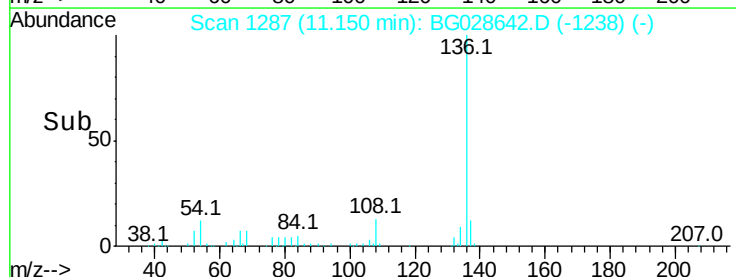
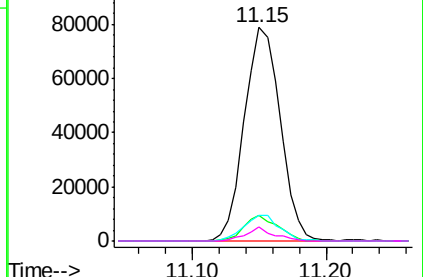


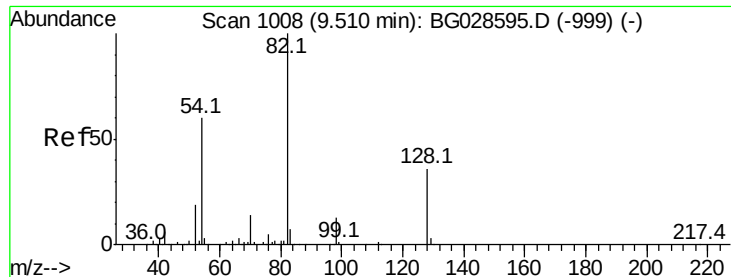
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 96.843 ng

RT: 9.50 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

CPS083061

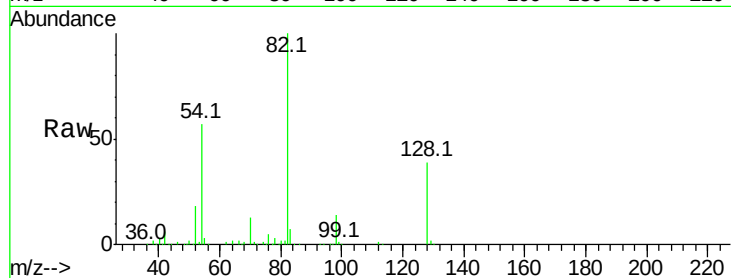
Tot Ion: 82 Resp: 310022

Ion Ratio Lower Upper

82 100

128 39.3 26.4 39.6

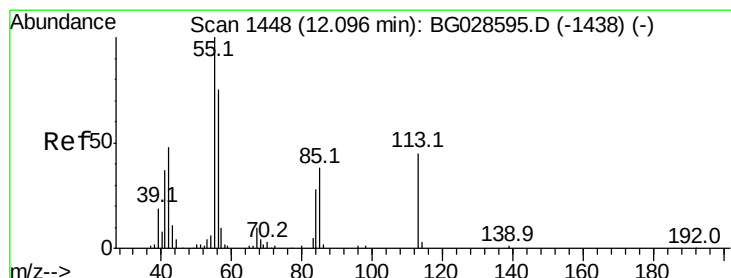
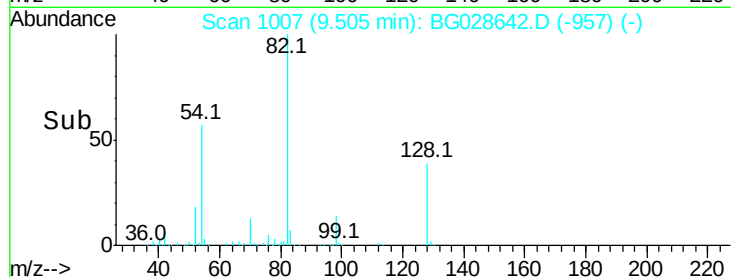
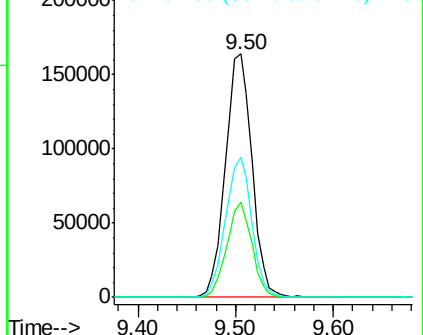
54 57.4 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#35

Caprolactam

Concen: 11.163 ng

RT: 12.07 min Scan# 1443

Delta R.T. -0.03 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

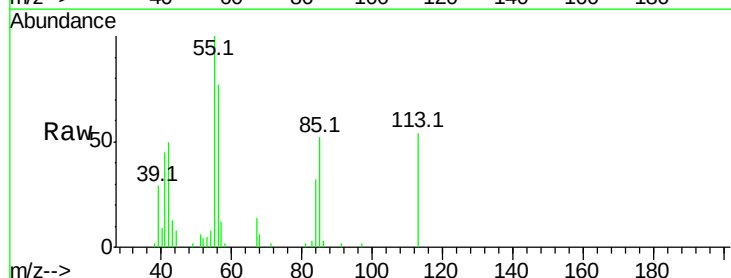
Tgt Ion: 113 Resp: 10508

Ion Ratio Lower Upper

113 100

55 184.8 198.6 238.6#

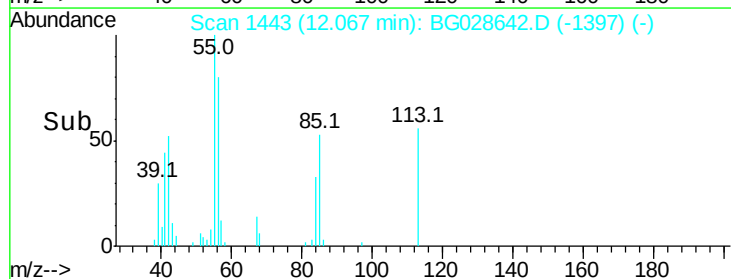
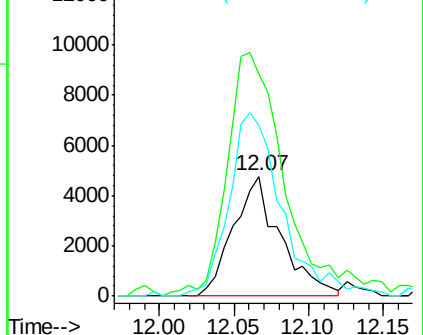
56 142.4 140.4 180.4

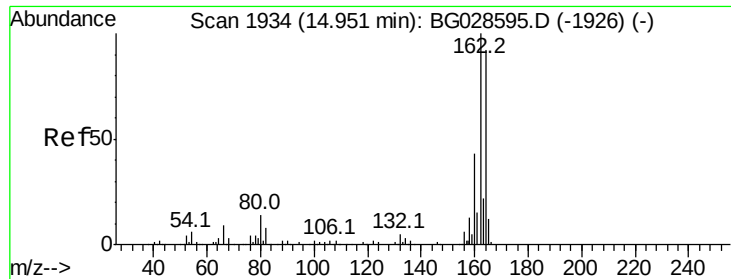


Abundance Ion 113.00 (112.70 to 113.70): BGC

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

CPS083061

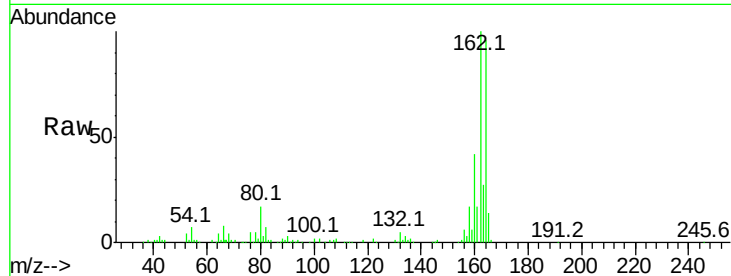
Tot Ion:164 Resp: 103860

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

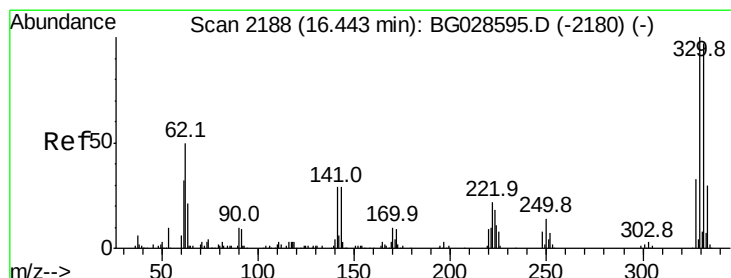
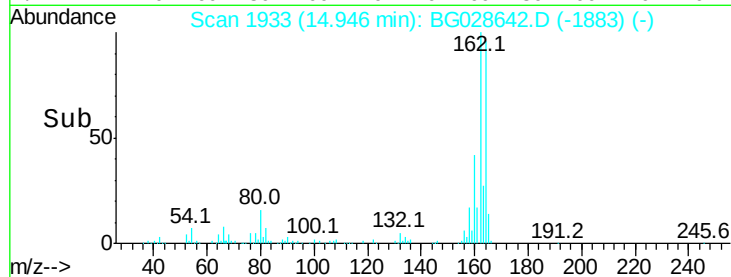
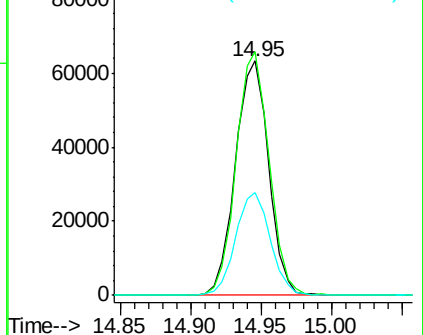
160 43.8 34.7 52.1



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: 162.844 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

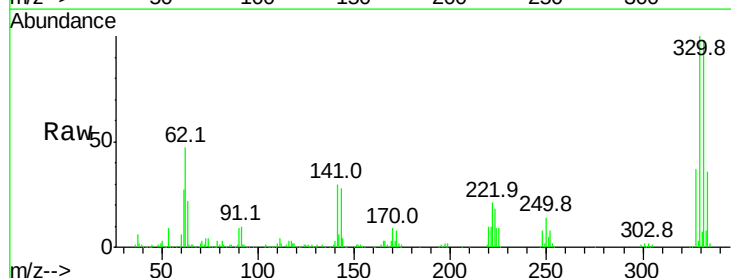
Tgt Ion:330 Resp: 257060

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

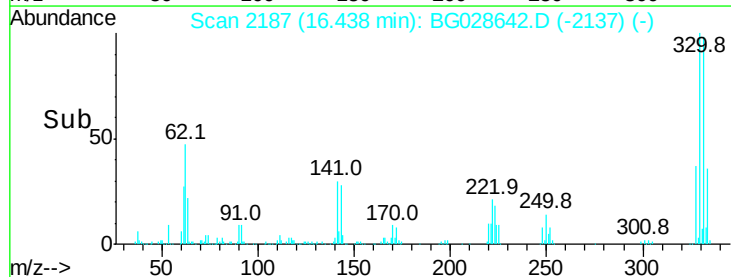
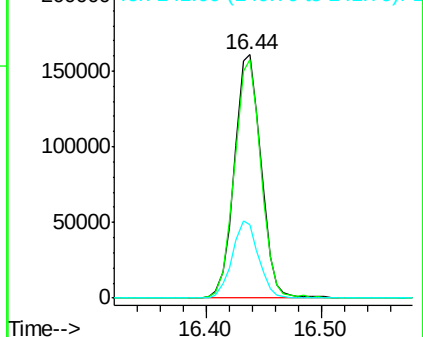
141 31.5 32.1 48.1#

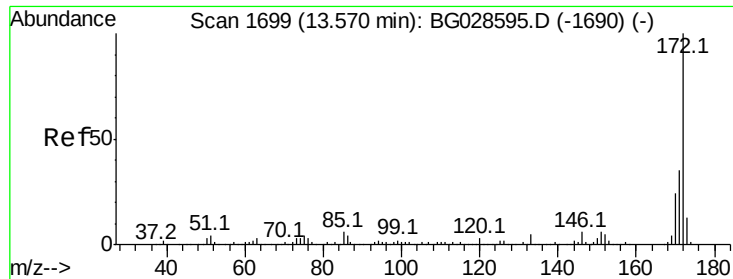


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



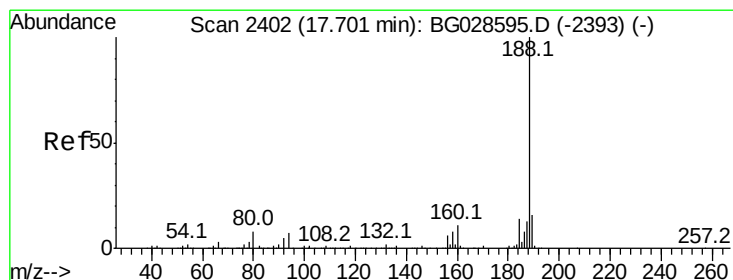
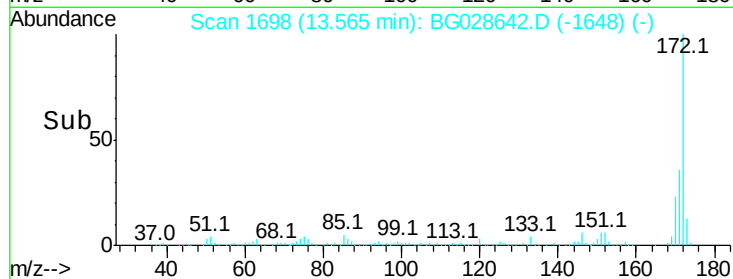
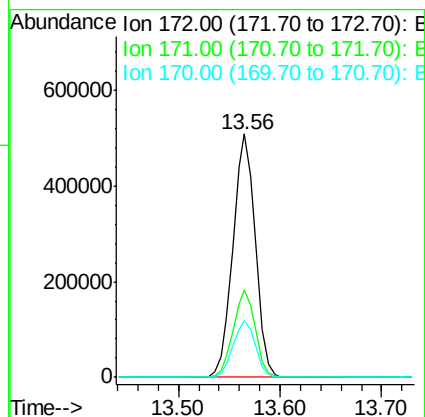
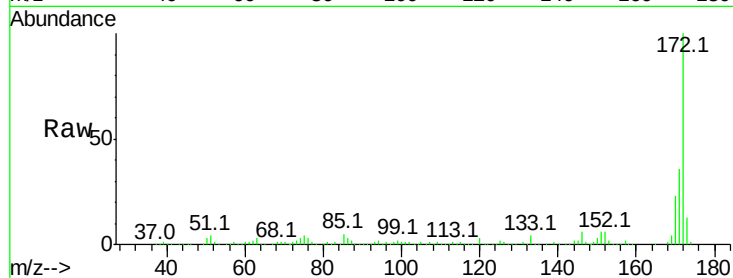


#44
 2-Fluorobiphenyl
 Concen: 97.739 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028642.D
 Acq: 11 Sep 2017 15:14

Instrument :
 BNA_G
 ClientSampleId :
 CPS083061

Tot Ion:172 Resp: 775949

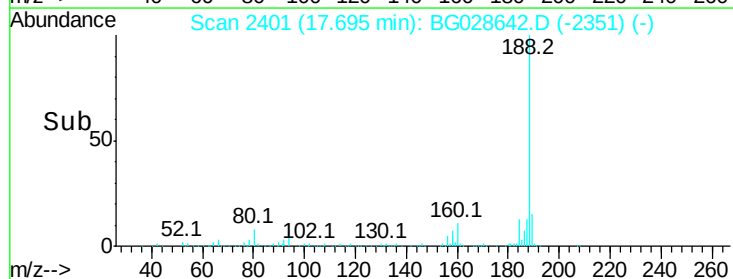
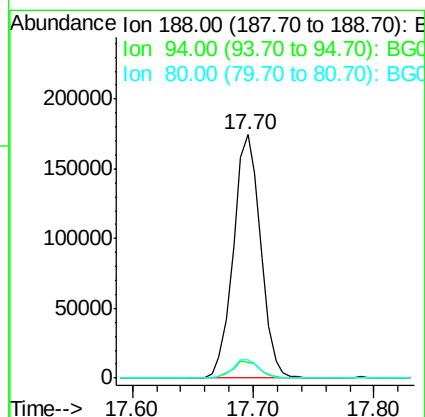
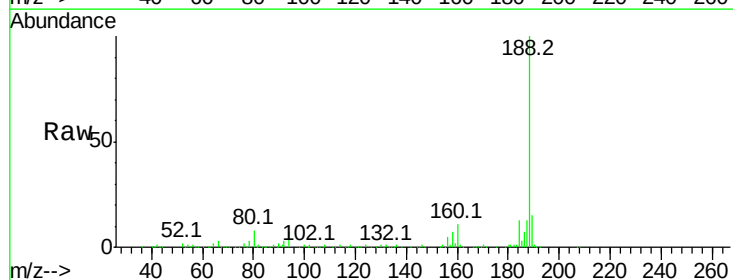
Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	23.5	21.8	32.6

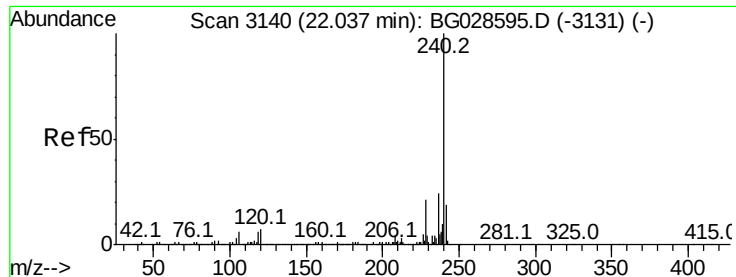


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028642.D
 Acq: 11 Sep 2017 15:14

Tgt Ion:188 Resp: 274716

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.6	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: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

CPS083061

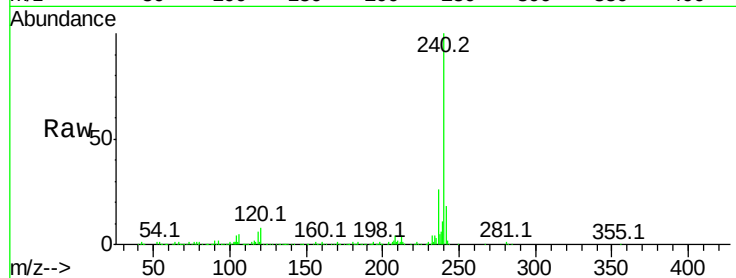
Tot Ion:240 Resp: 337482

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

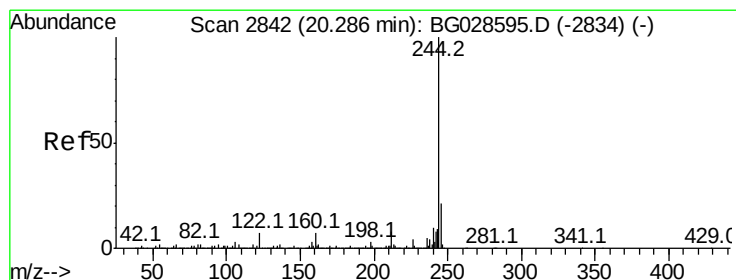
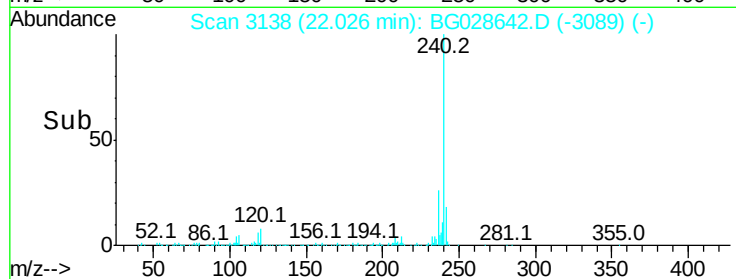
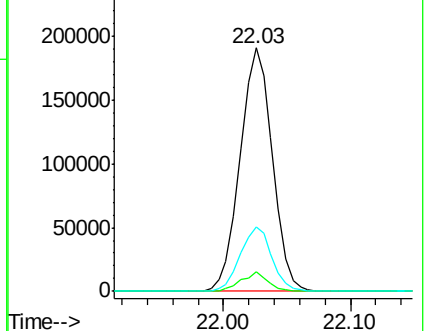
236 26.2 22.2 33.4



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: 86.593 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

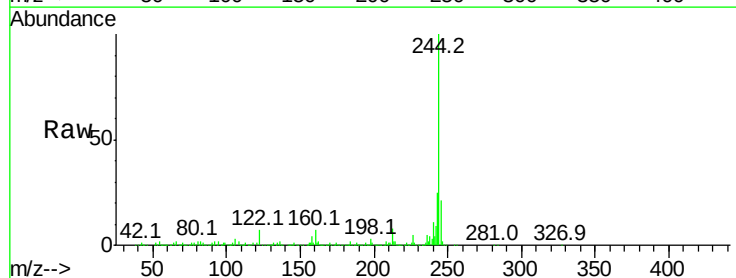
Tgt Ion:244 Resp: 1356381

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

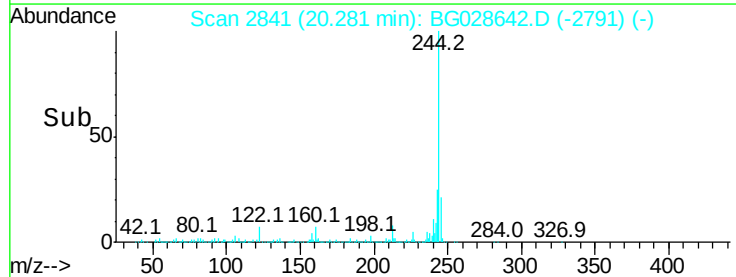
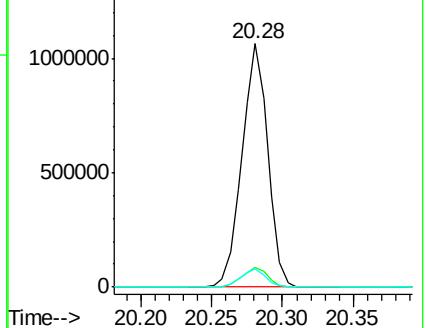
122 7.5 8.6 12.8#

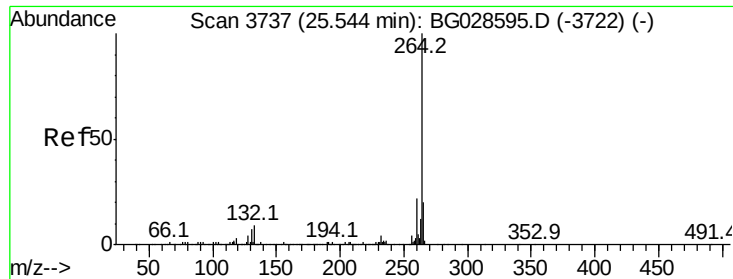


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

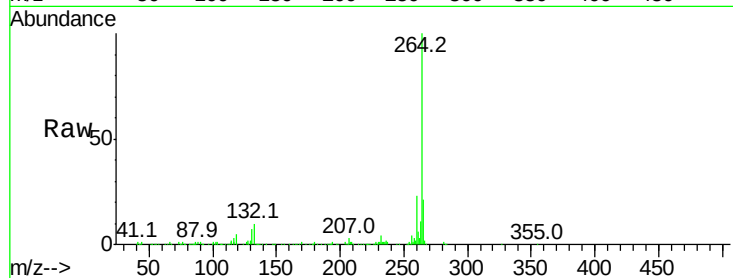




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Instrument :
BNA_G
ClientSampleId :
CPS083061

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.4	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

