

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028641.D
 Acq On : 11 Sep 2017 14:35
 Operator : SJ/JU
 Sample : I5167-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:39:48 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

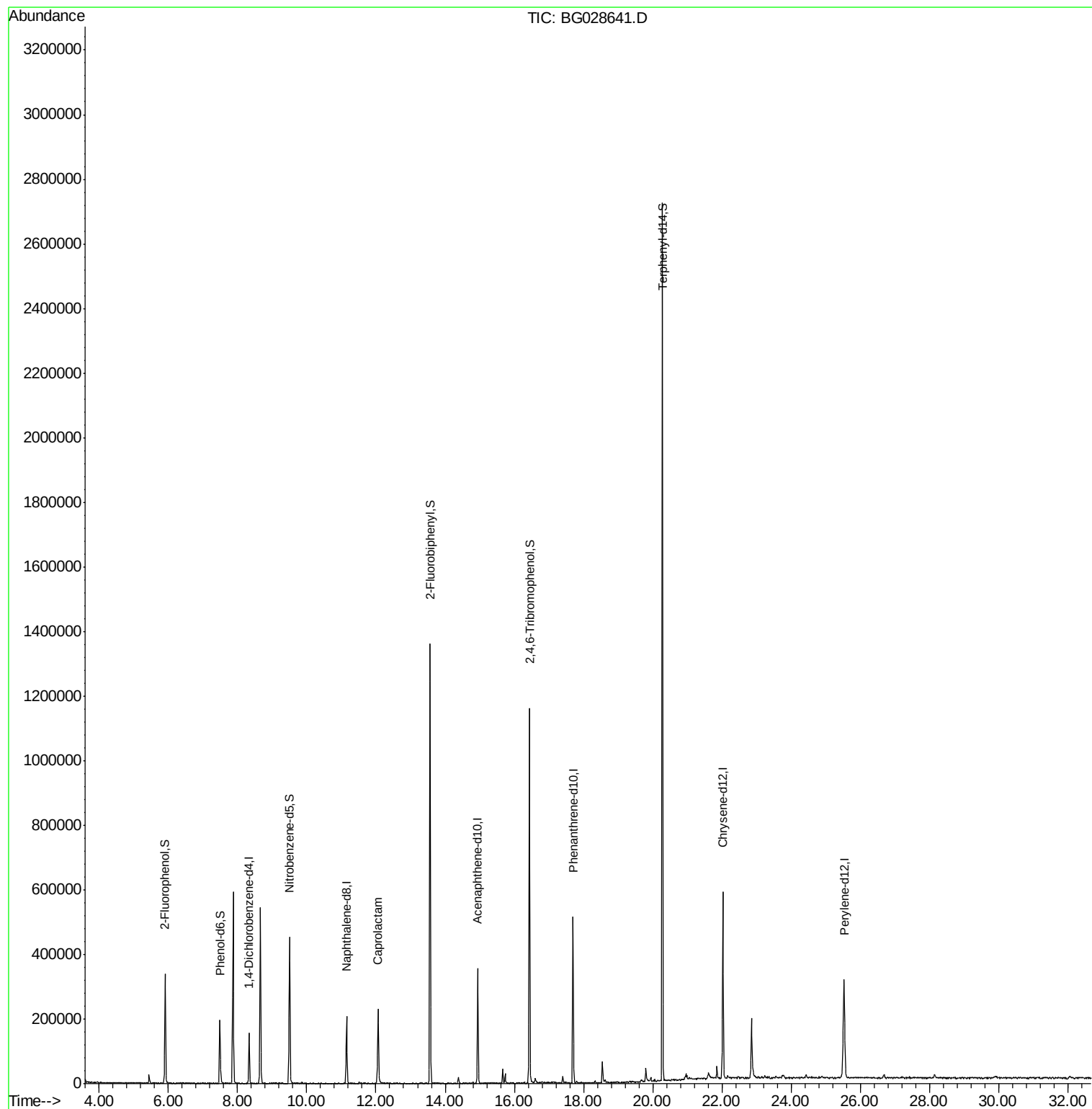
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44051	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	176323	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	127257	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	333384	20.00	ng	0.00
75) Chrysene-d12	22.03	240	385394	20.00	ng	-0.01
86) Perylene-d12	25.53	264	376237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	139105	53.17	ng	0.00
7) Phenol-d6	7.49	99	116885	30.80	ng	0.00
23) Nitrobenzene-d5	9.50	82	295112	76.85	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	249561	129.03	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	742597	76.34	ng	0.00
78) Terphenyl-d14	20.28	244	1231158	68.83	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	44555	39.459	ng	Qvalue 94

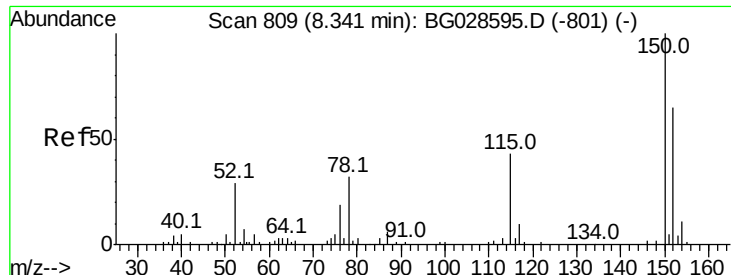
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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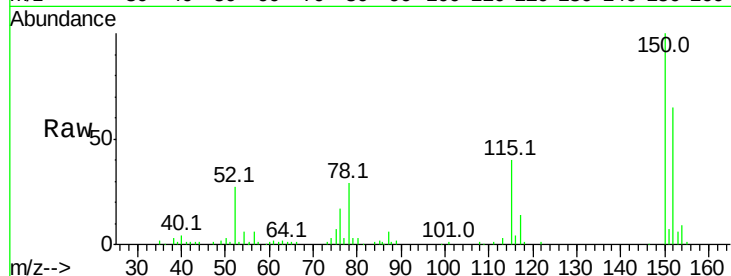


#1

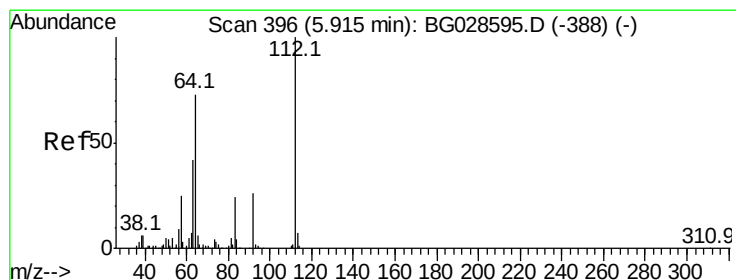
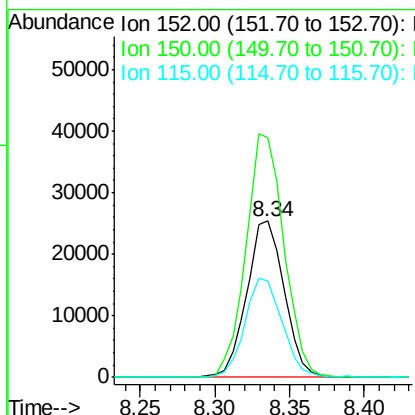
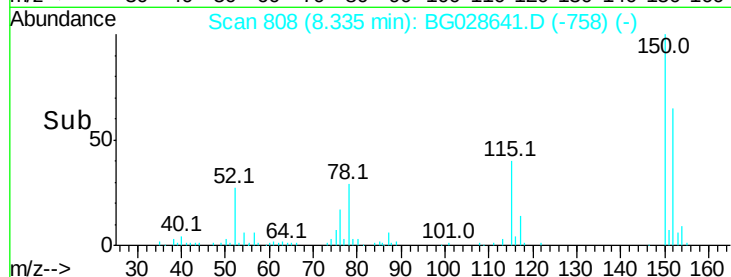
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028641.D
Acq: 11 Sep 2017 14:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44051
Ion Ratio Lower Upper
152 100
150 153.3 114.0 171.0
115 61.9 48.1 72.1



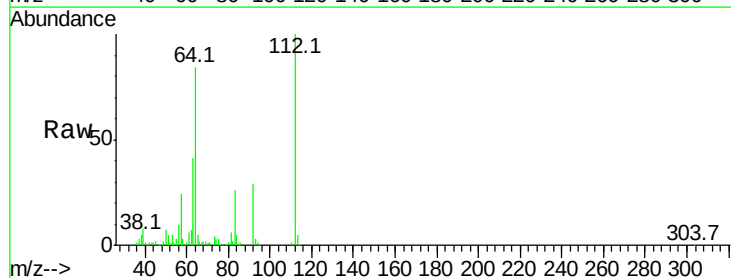
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



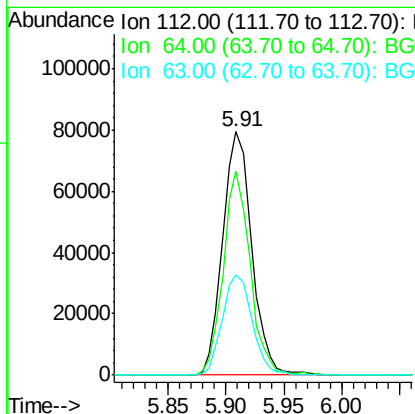
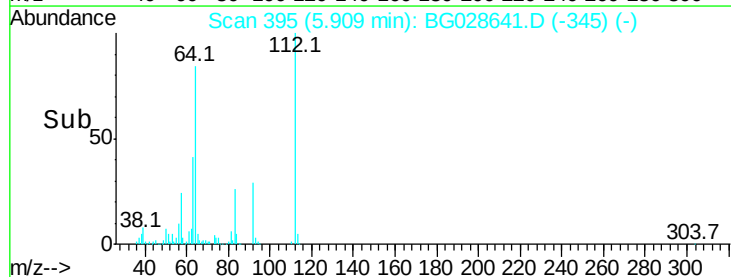
#5

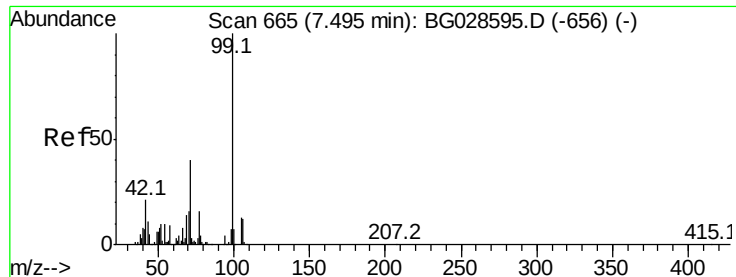
2-Fluorophenol
Concen: 53.169 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028641.D
Acq: 11 Sep 2017 14:35

Tgt Ion:112 Resp: 139105
Ion Ratio Lower Upper
112 100
64 83.5 61.8 92.6
63 41.4 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: 30.801 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028641.D

Acq: 11 Sep 2017 14:35

Instrument :

BNA_G

ClientSampleId :

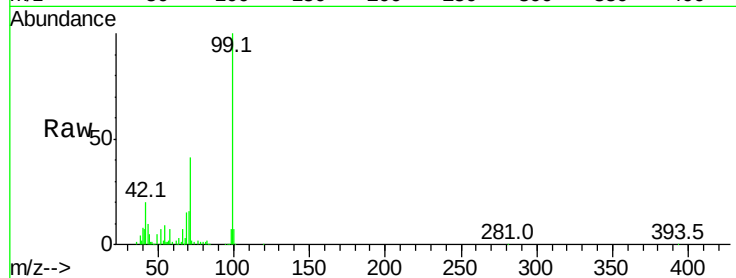
Tot Ion: 99 Resp: 116885

Ion Ratio Lower Upper

99 100

42 20.4 20.5 30.7#

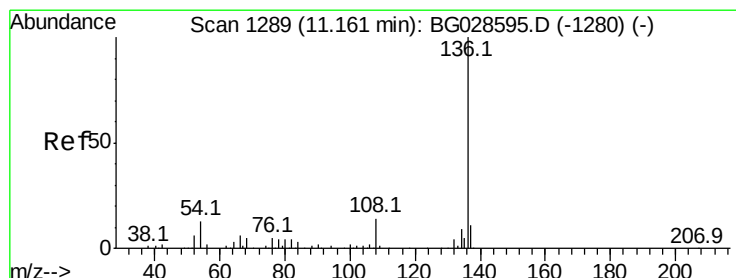
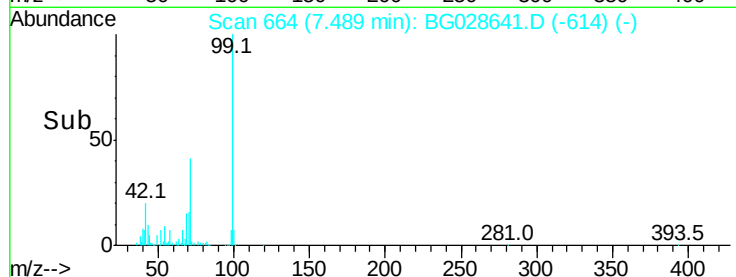
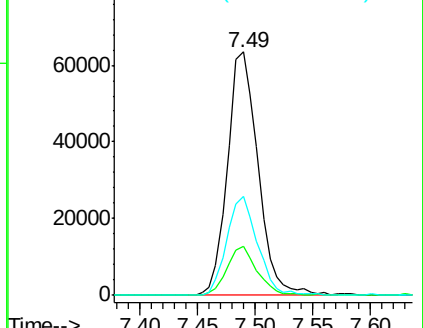
71 40.7 37.6 56.4



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: BG028641.D

Acq: 11 Sep 2017 14:35

Tgt Ion: 136 Resp: 176323

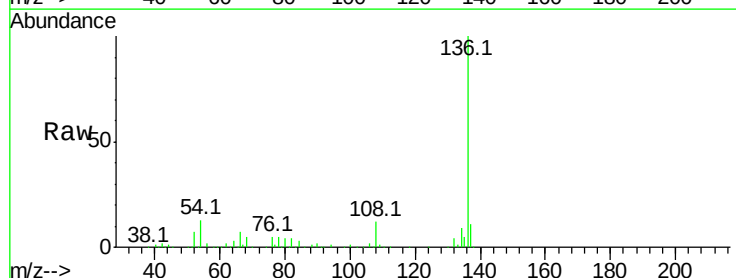
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 12.8 9.3 13.9

68 4.7 5.1 7.7#

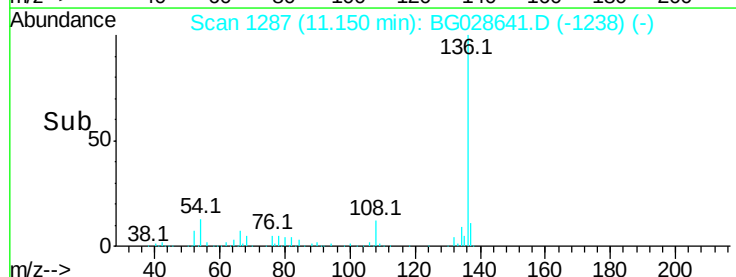
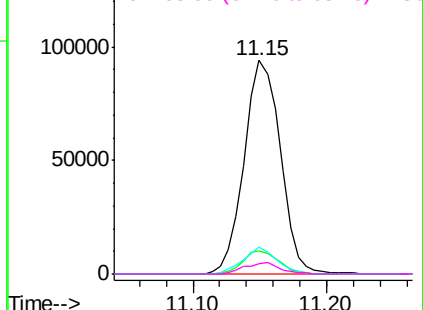


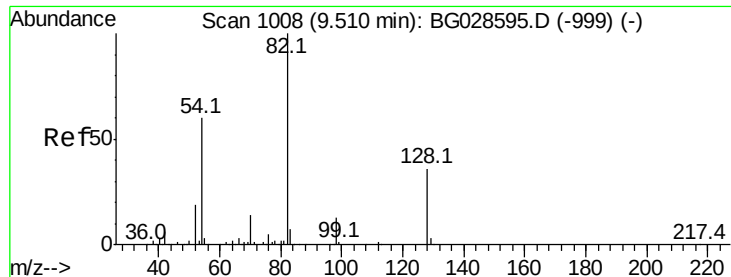
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

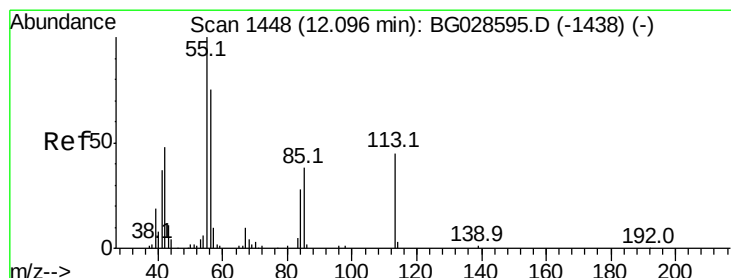
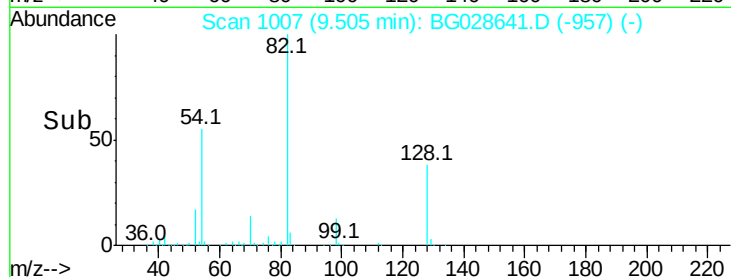
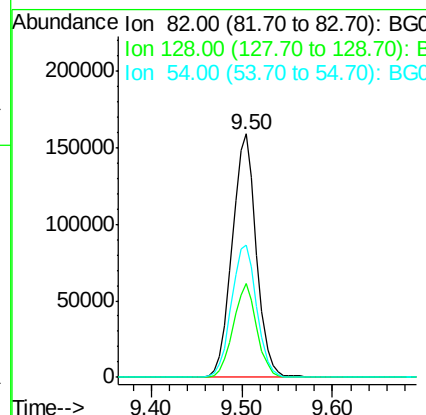
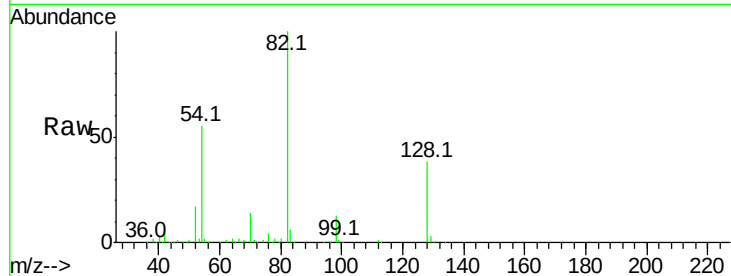




#23
 Nitrobenzene-d5
 Concen: 76.853 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028641.D
 Acq: 11 Sep 2017 14:35

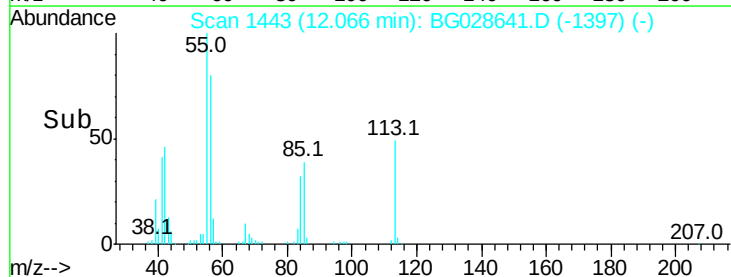
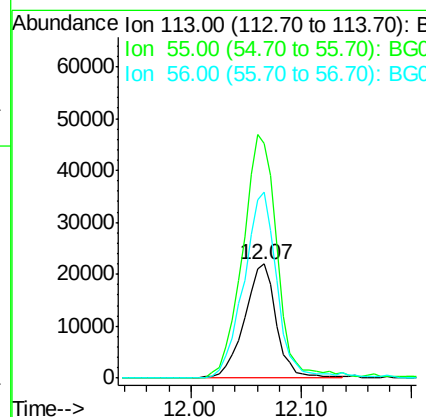
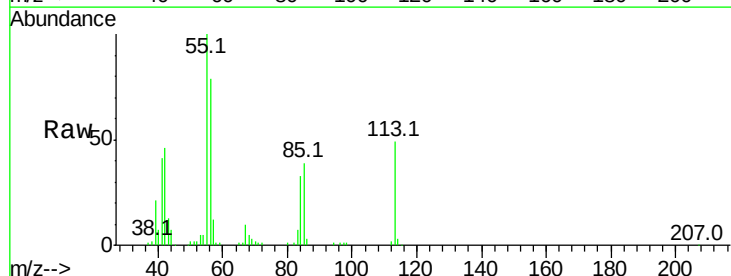
Instrument :
 BNA_G
 ClientSampleId :

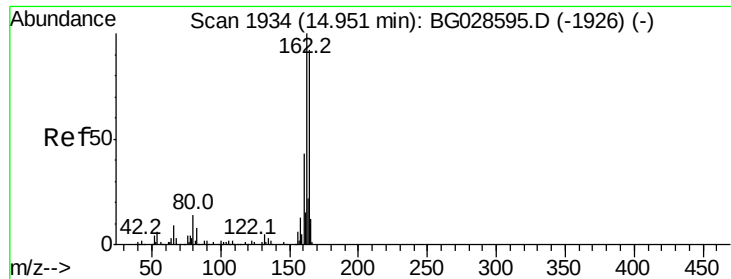
Tot Ion	82	Resp	295112
Ion Ratio	Lower	Upper	
82	100		
128	38.4	26.4	39.6
54	54.6	49.4	74.2



#35
 Caprolactam
 Concen: 39.459 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028641.D
 Acq: 11 Sep 2017 14:35

Tgt Ion	113	Resp	44555
Ion Ratio	Lower	Upper	
113	100		
55	205.8	198.6	238.6
56	163.5	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: BG028641.D

Acq: 11 Sep 2017 14:35

Instrument :

BNA_G

ClientSampleId :

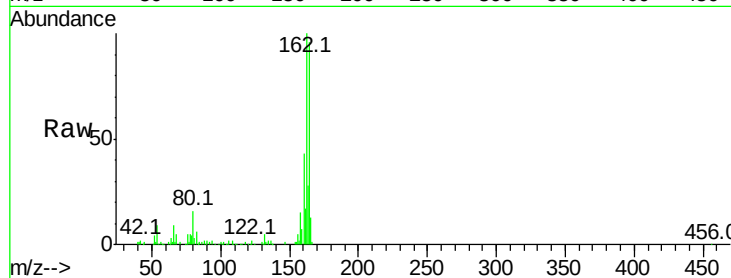
Tot Ion:164 Resp: 127257

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

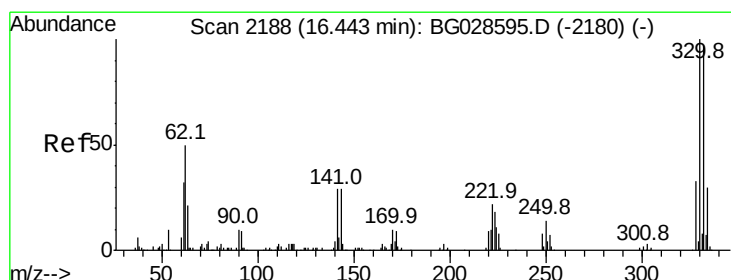
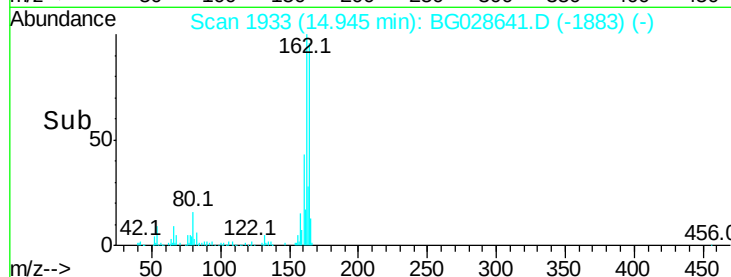
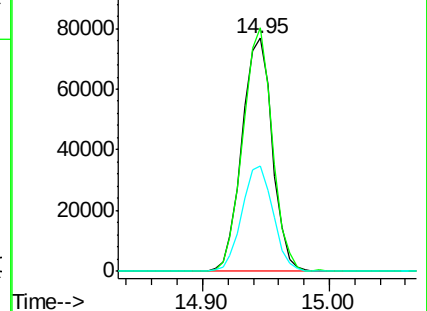
160 45.4 34.7 52.1



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: 129.027 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028641.D

Acq: 11 Sep 2017 14:35

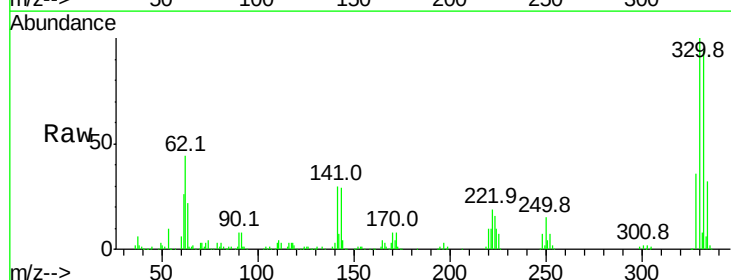
Tgt Ion:330 Resp: 249561

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

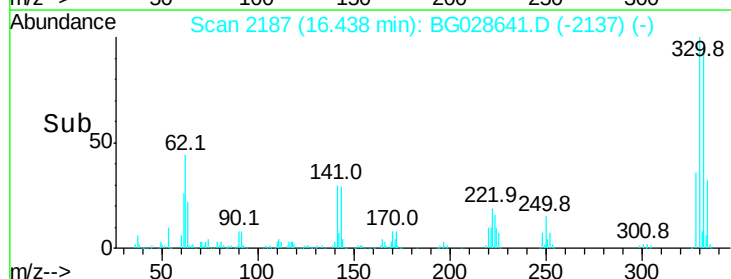
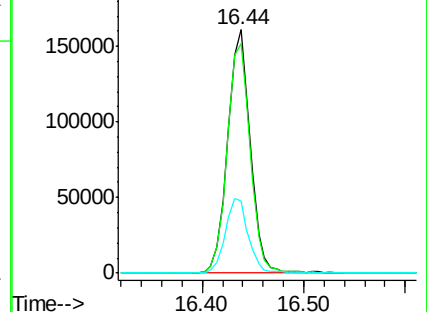
141 31.2 32.1 48.1#

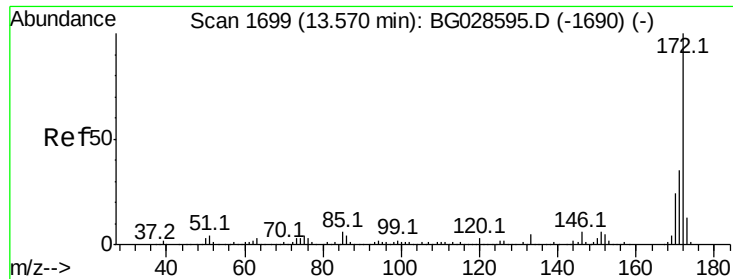


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

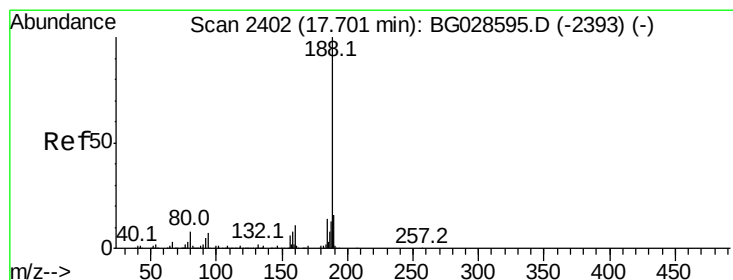
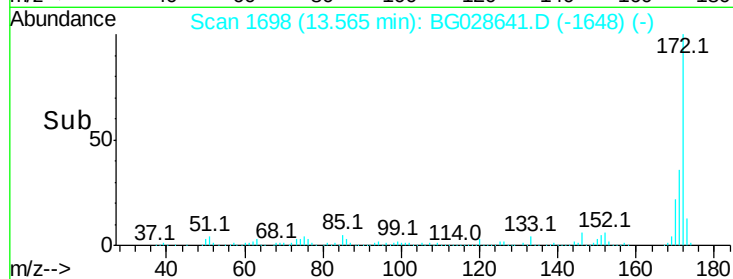
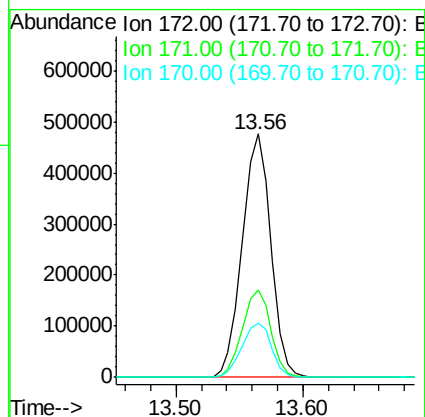
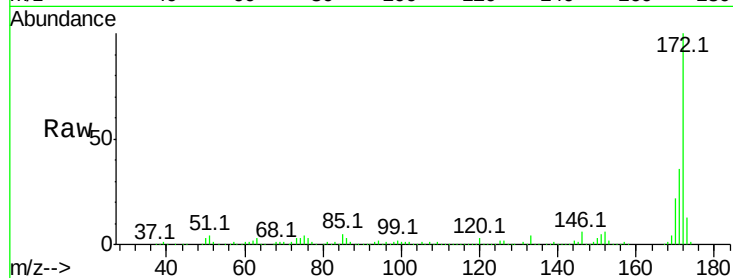




#44
 2-Fluorobiphenyl
 Concen: 76.340 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028641.D
 Acq: 11 Sep 2017 14:35

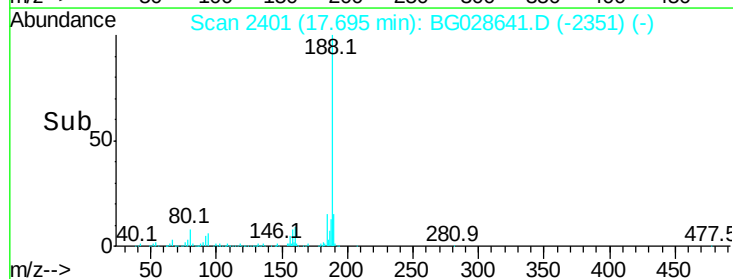
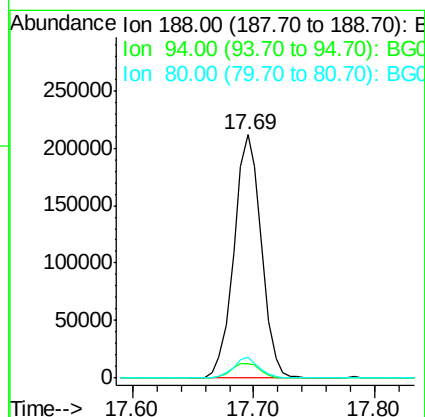
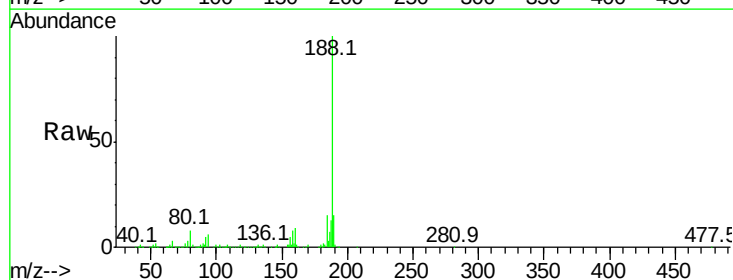
Instrument :
 BNA_G
 ClientSampleId :

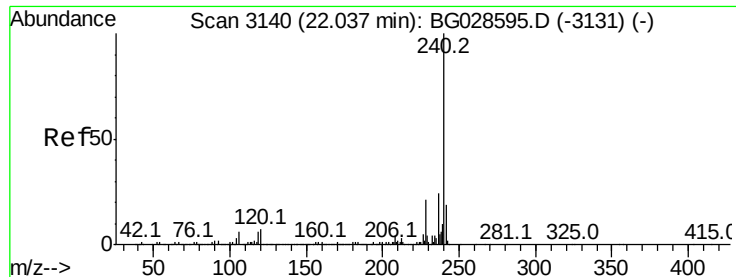
Tot Ion:172 Resp: 742597
 Ion Ratio Lower Upper
 172 100
 171 36.1 32.2 48.2
 170 22.2 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028641.D
 Acq: 11 Sep 2017 14:35

Tgt Ion:188 Resp: 333384
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.8 8.8
 80 8.4 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: BG028641.D

Acq: 11 Sep 2017 14:35

Instrument :

BNA_G

ClientSampleId :

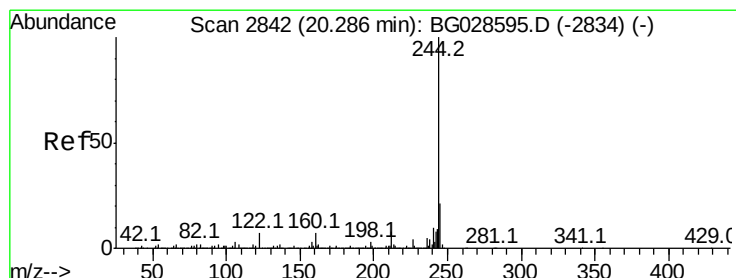
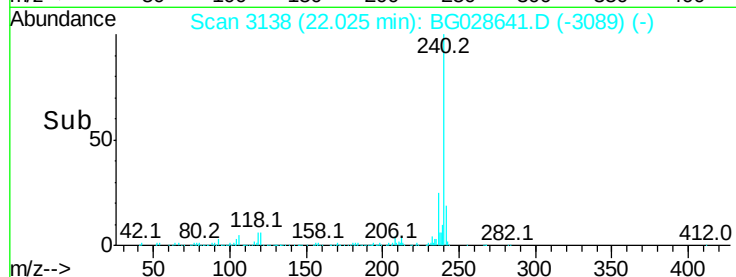
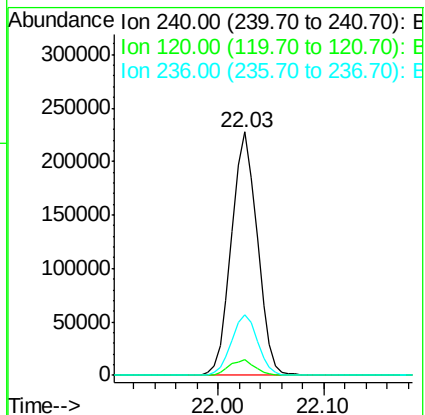
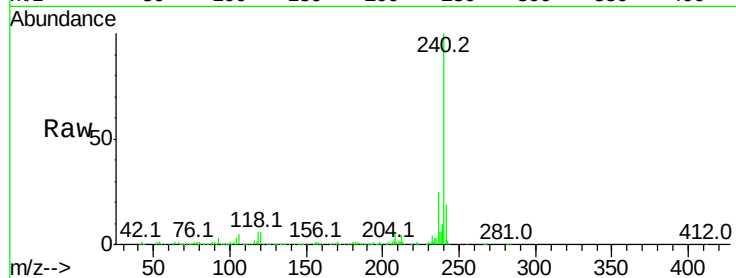
Tot Ion:240 Resp: 385394

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

236 24.8 22.2 33.4



#78

Terphenyl-d14

Concen: 68.827 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028641.D

Acq: 11 Sep 2017 14:35

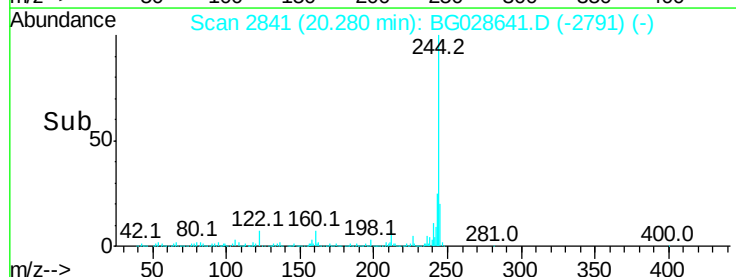
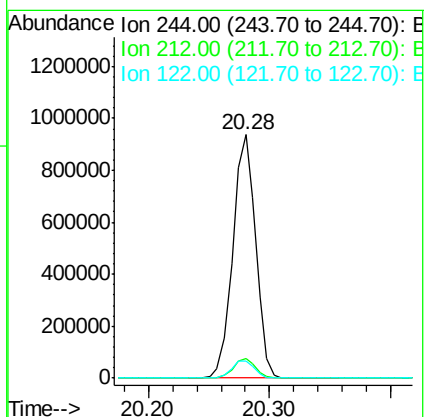
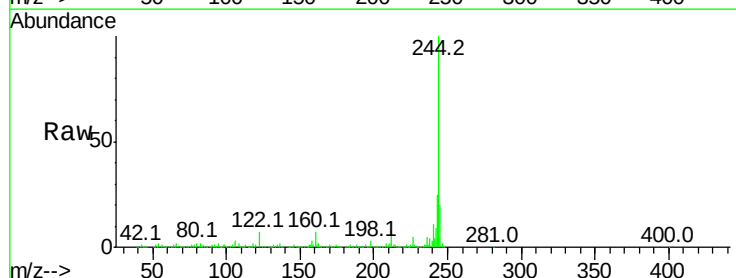
Tgt Ion:244 Resp: 1231158

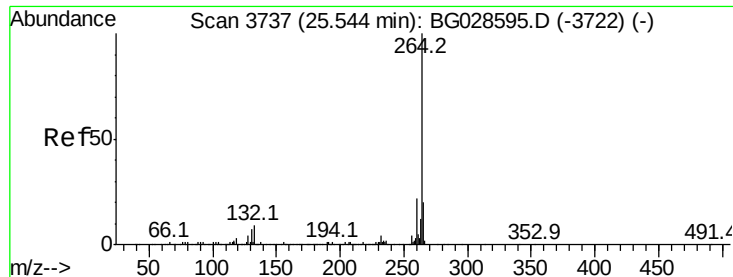
Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

122 7.1 8.6 12.8#

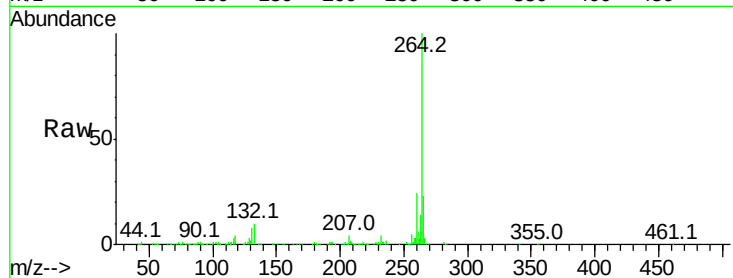




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG028641.D
 Acq: 11 Sep 2017 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.9	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

