

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028646.D
 Acq On : 11 Sep 2017 17:51
 Operator : SJ/JU
 Sample : I5167-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043061

Quant Time: Sep 12 04:41:17 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

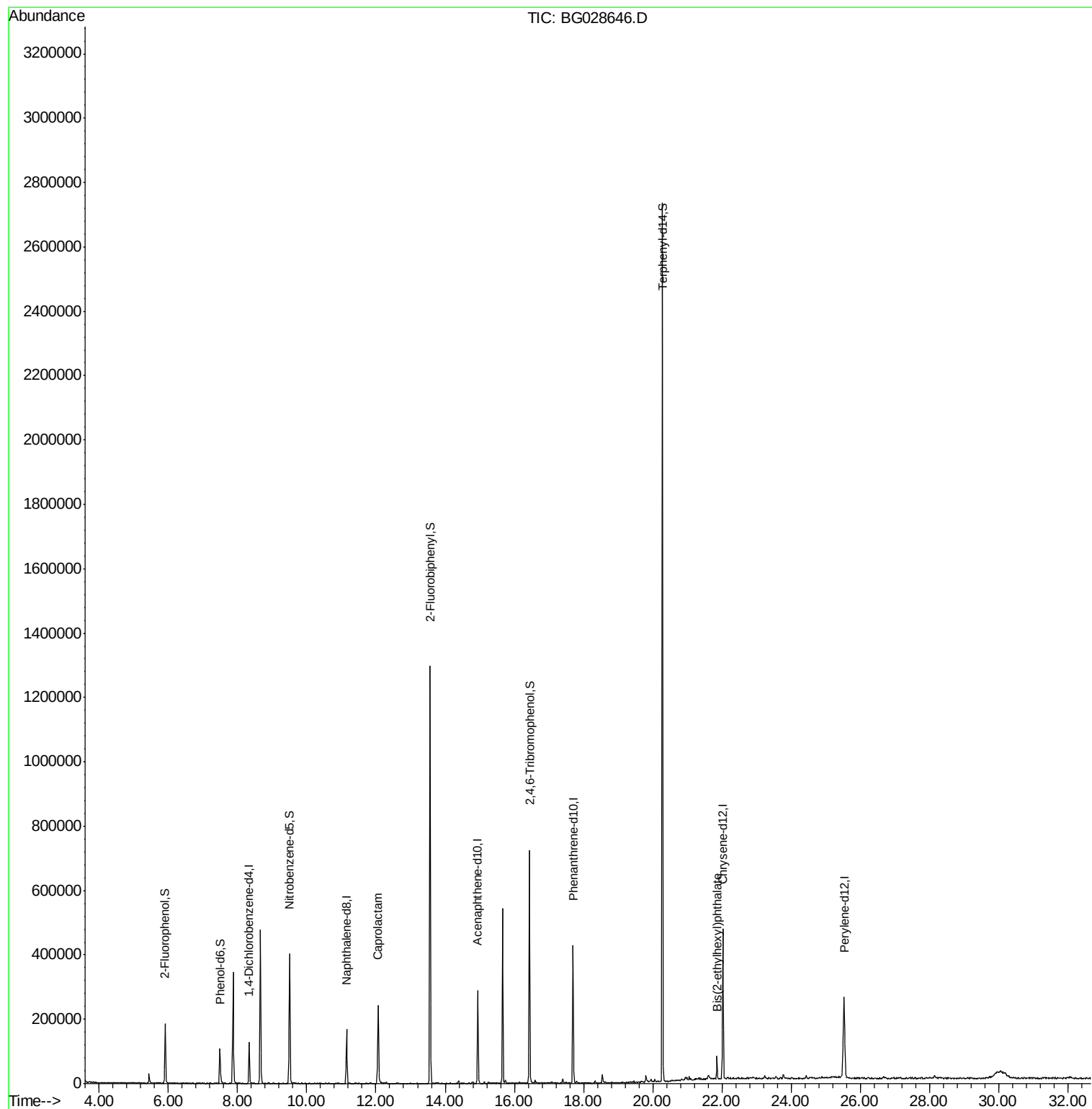
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35268	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	142001	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	101656	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	276395	20.00	ng	0.00
75) Chrysene-d12	22.03	240	325815	20.00	ng	-0.01
86) Perylene-d12	25.53	264	313061	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	81105	38.72	ng	0.00
7) Phenol-d6	7.49	99	68111	22.42	ng	0.00
23) Nitrobenzene-d5	9.50	82	262109	84.76	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	158966	102.89	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	683530	87.96	ng	0.00
78) Terphenyl-d14	20.28	244	1219728	80.66	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	46286	50.900	ng	Qvalue 97
83) Bis(2-ethylhexyl)phthalate	21.86	149	30885	2.868	ng	# 92

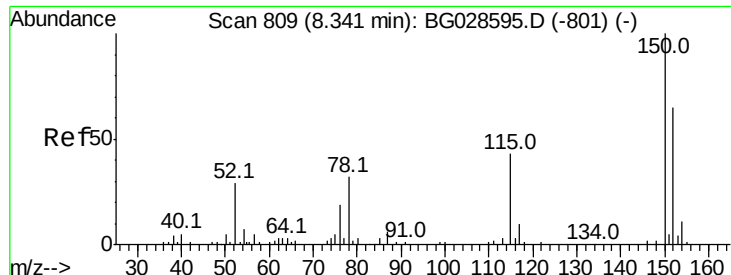
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028646.D
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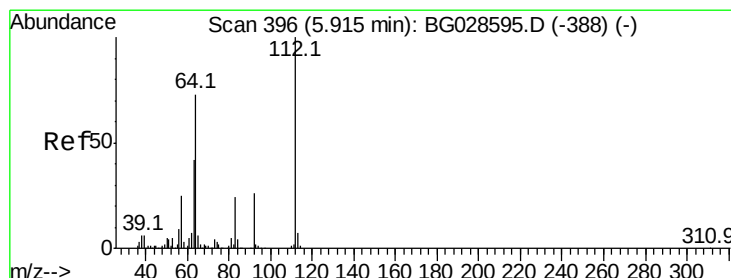
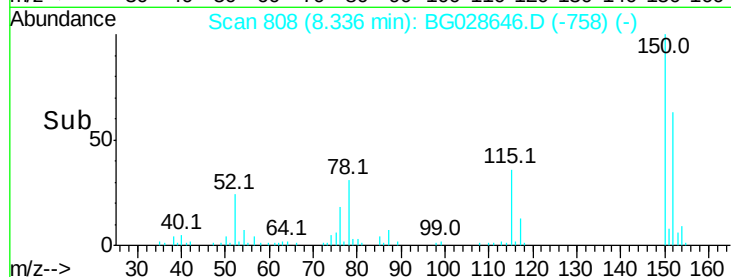
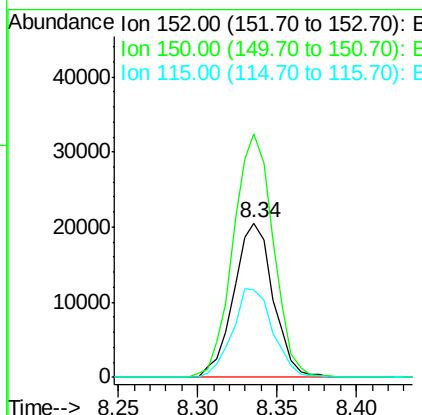
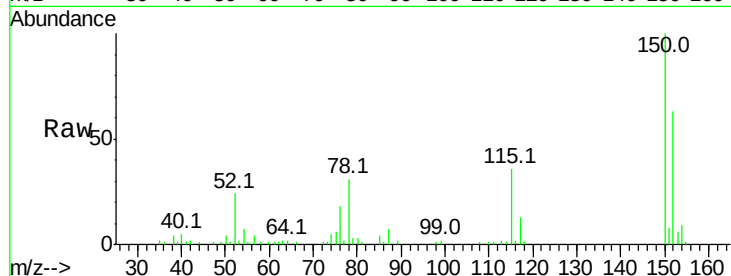


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.34 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Instrument :
 BNA_G
 ClientSampled :
 CPS043061

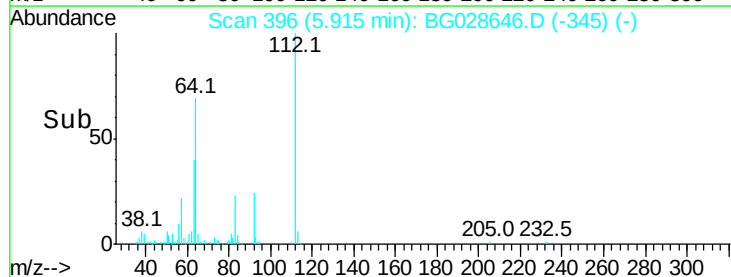
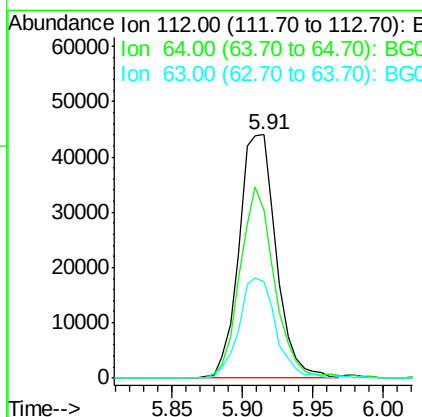
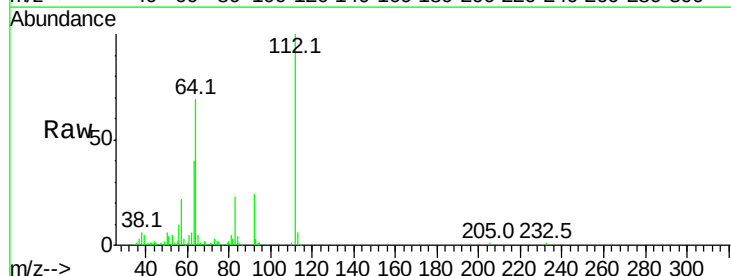
Tot Ion:152 Resp: 35268
 Ion Ratio Lower Upper
 152 100
 150 157.9 114.0 171.0
 115 57.0 48.1 72.1

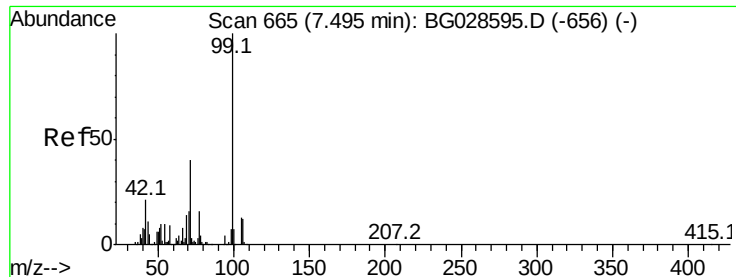


#5

2-Fluorophenol
 Concen: 38.720 ng
 RT: 5.91 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Tgt Ion:112 Resp: 81105
 Ion Ratio Lower Upper
 112 100
 64 69.1 61.8 92.6
 63 39.6 37.2 55.8





#7

Phenol-d6

Concen: 22.418 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

BNA_G

ClientSampleId :

CPS043061

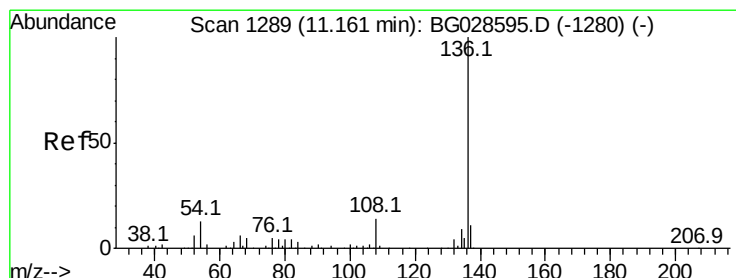
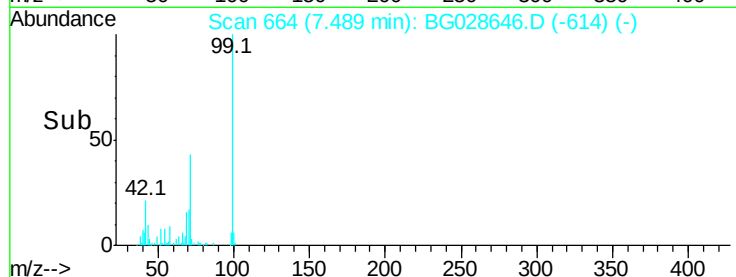
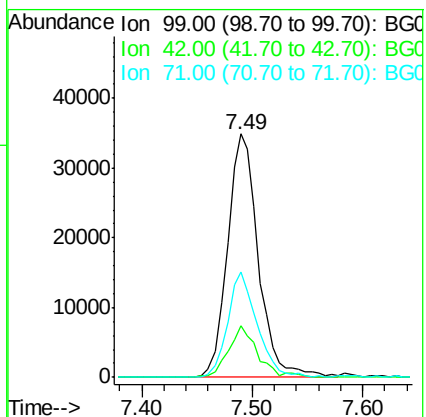
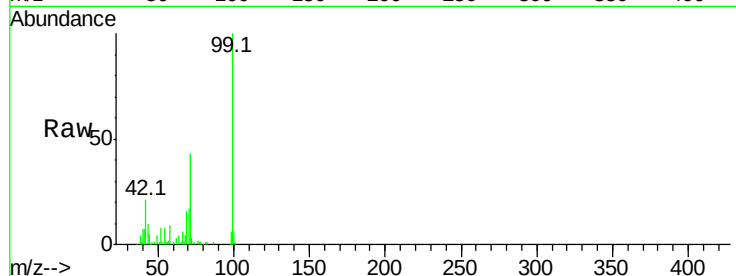
Tot Ion: 99 Resp: 68111

Ion Ratio Lower Upper

99 100

42 21.3 20.5 30.7

71 43.5 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: BG028646.D

Acq: 11 Sep 2017 17:51

Tgt Ion: 136 Resp: 142001

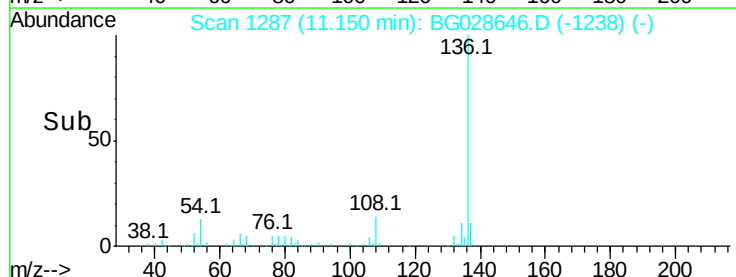
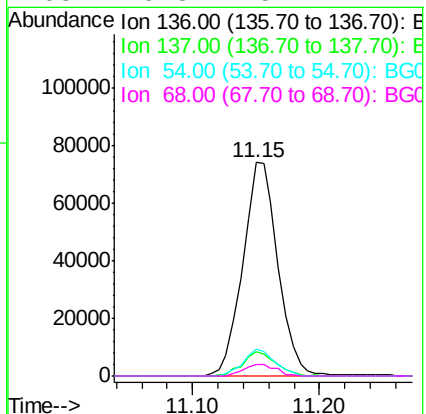
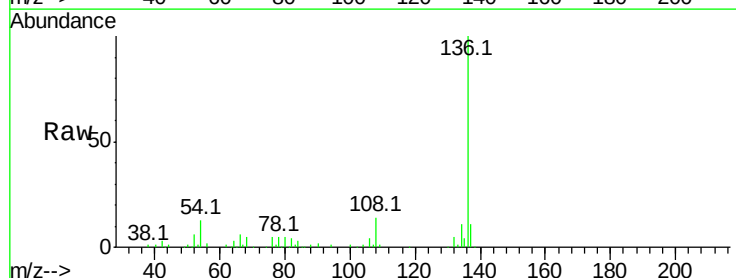
Ion Ratio Lower Upper

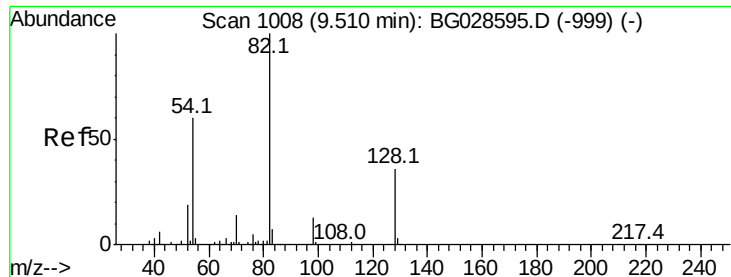
136 100

137 11.2 8.9 13.3

54 12.6 9.3 13.9

68 5.3 5.1 7.7

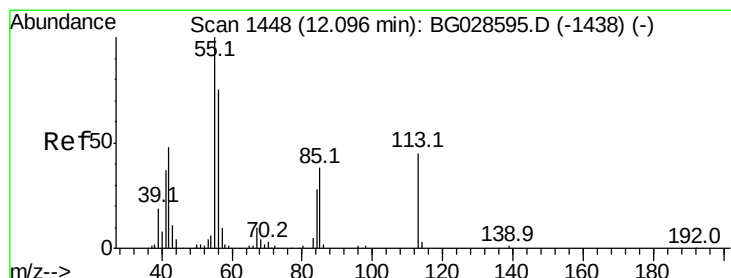
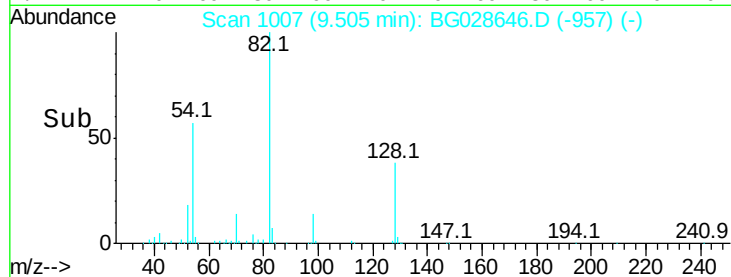
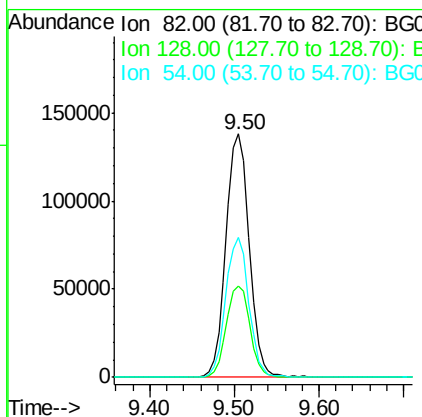
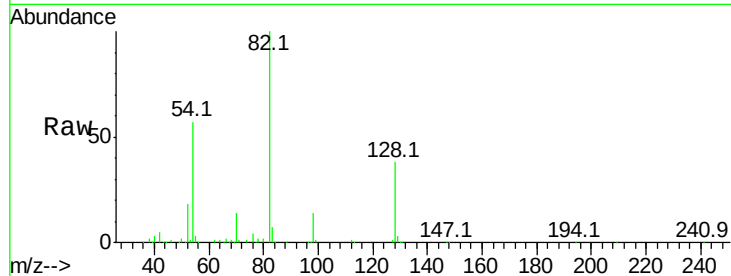




#23
 Nitrobenzene-d5
 Concen: 84.756 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

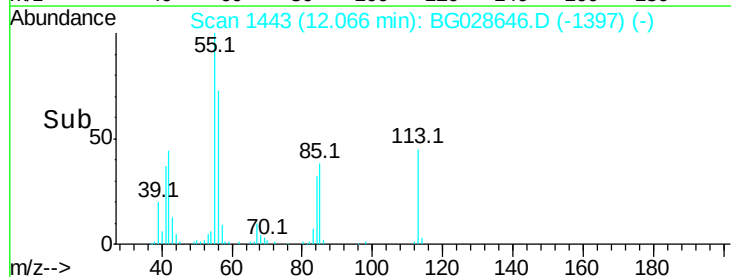
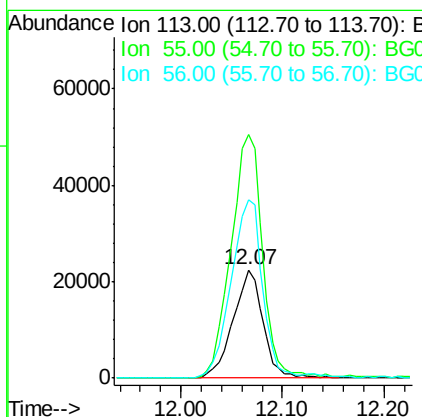
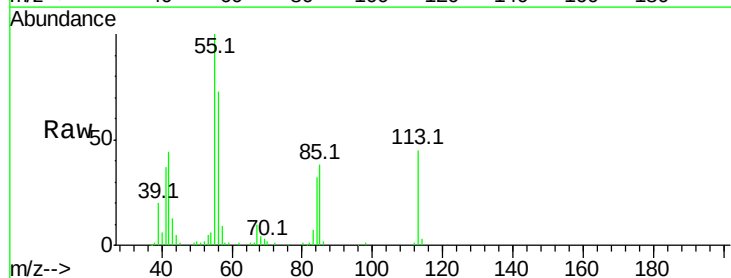
Instrument :
 BNA_G
 ClientSampleId :
 CPS043061

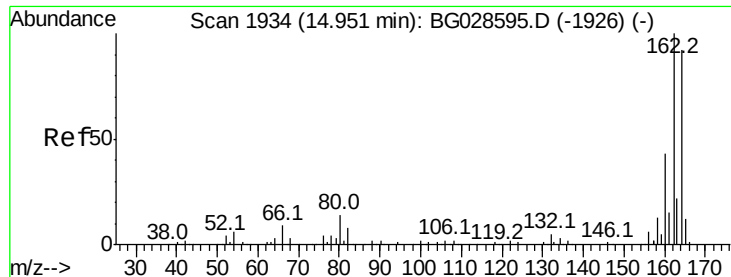
Tot Ion: 82 Resp: 262109
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.4 39.6
 54 57.3 49.4 74.2



#35
 Caprolactam
 Concen: 50.900 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Tgt Ion: 113 Resp: 46286
 Ion Ratio Lower Upper
 113 100
 55 224.4 198.6 238.6
 56 164.4 140.4 180.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

BNA_G

ClientSampleId :

CPS043061

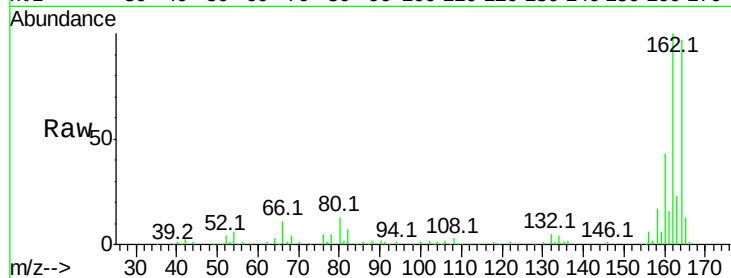
Tot Ion:164 Resp: 101656

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

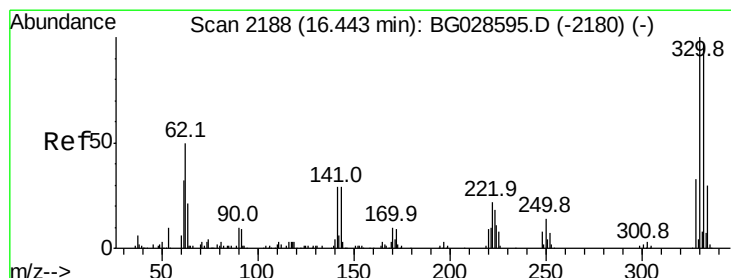
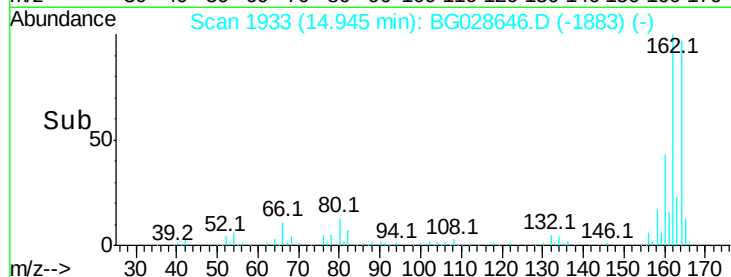
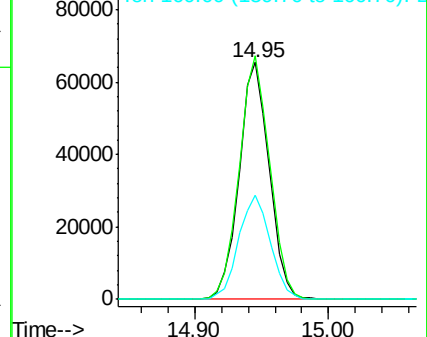
160 44.0 34.7 52.1



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: 102.886 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

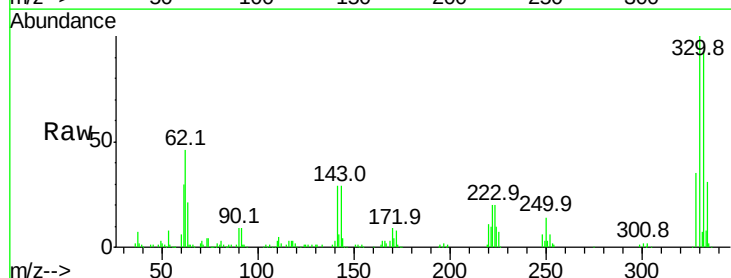
Tgt Ion:330 Resp: 158966

Ion Ratio Lower Upper

330 100

332 94.3 77.3 115.9

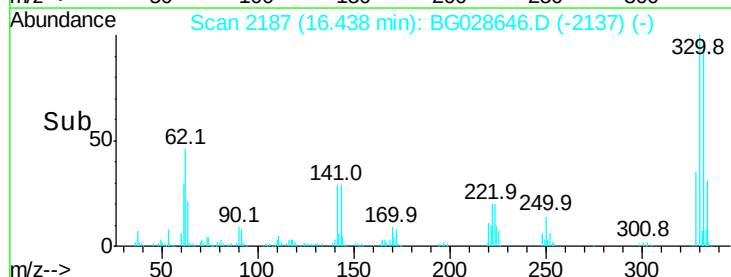
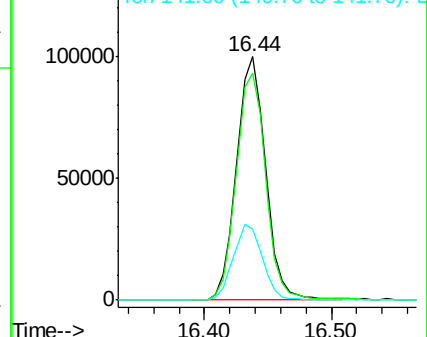
141 31.2 32.1 48.1#

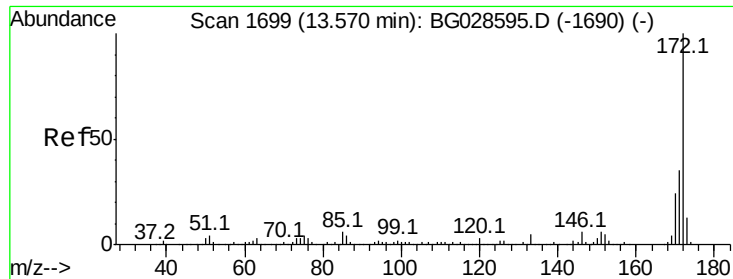


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

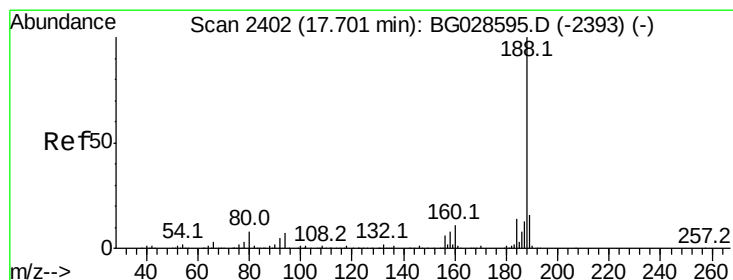
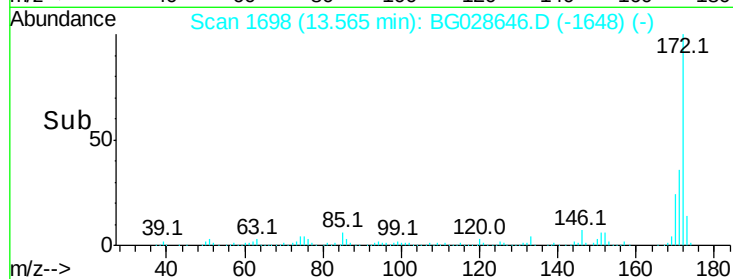
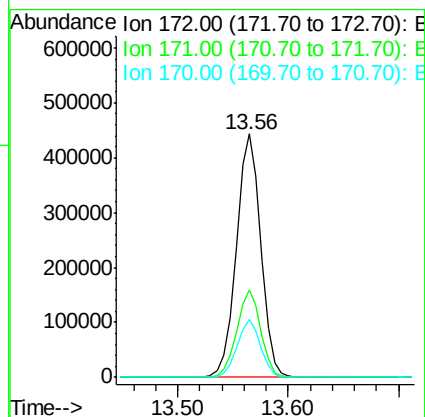
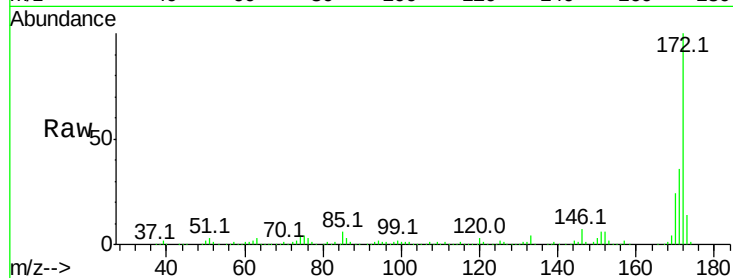




#44
 2-Fluorobiphenyl
 Concen: 87.964 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

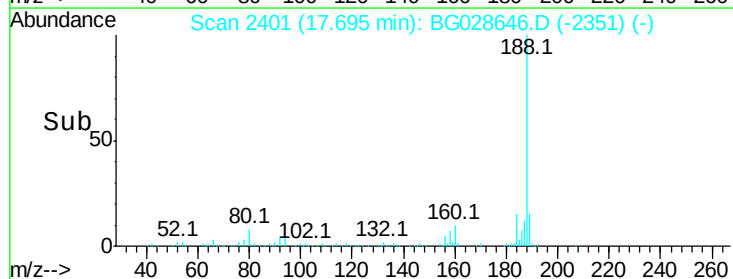
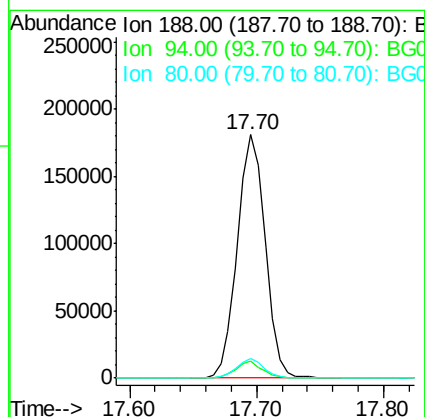
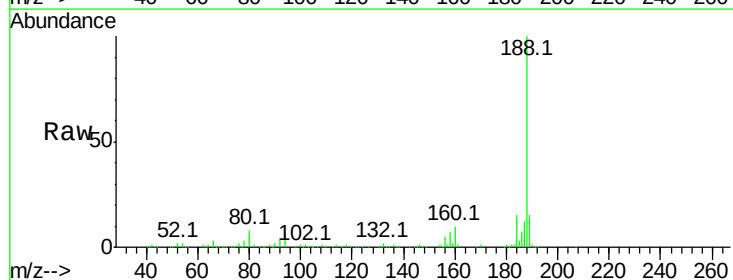
Instrument :
 BNA_G
 ClientSampleId :
 CPS043061

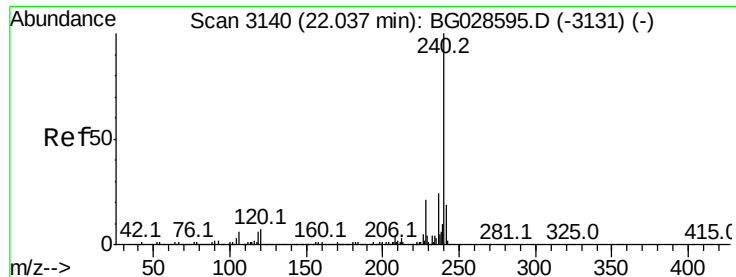
Tot Ion:172 Resp: 683530
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 24.0 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Tgt Ion:188 Resp: 276395
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.8 8.8
 80 7.8 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: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

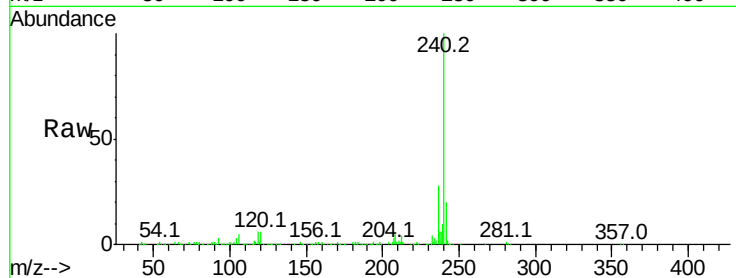
BNA_G

ClientSampleId :

CPS043061

Tot Ion:240 Resp: 325815

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	28.0	22.2	33.4

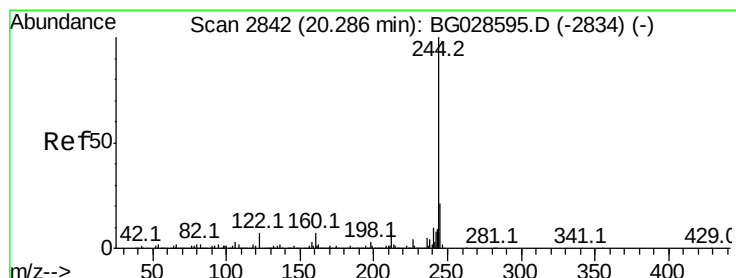
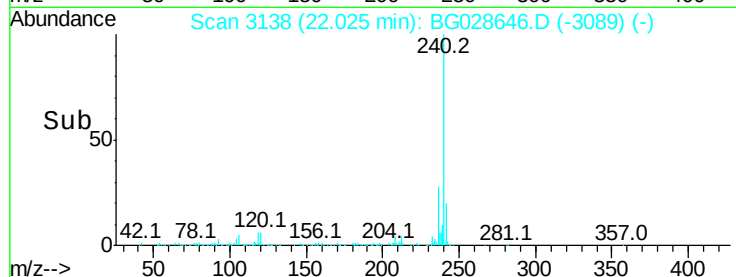
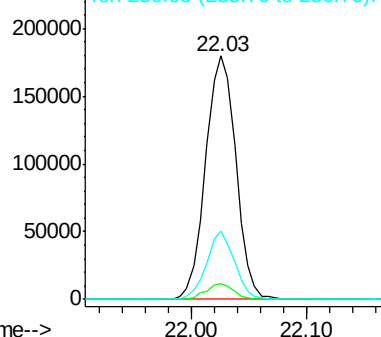


Abundance

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: 80.657 ng

RT: 20.28 min Scan# 2841

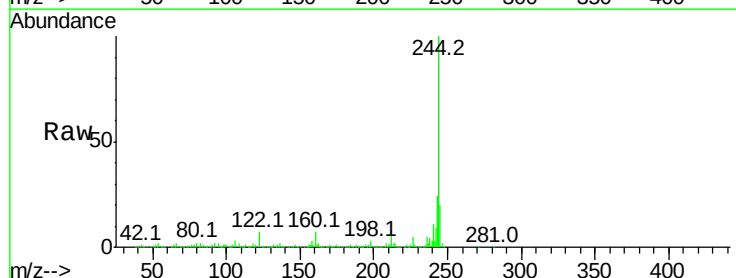
Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Tgt Ion:244 Resp: 1219728

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.2	8.6	12.8#

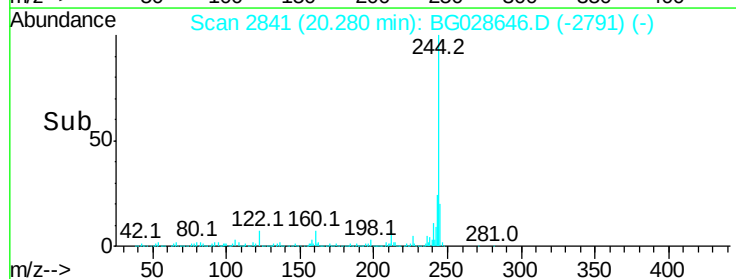
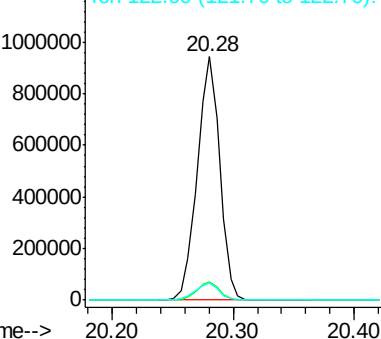


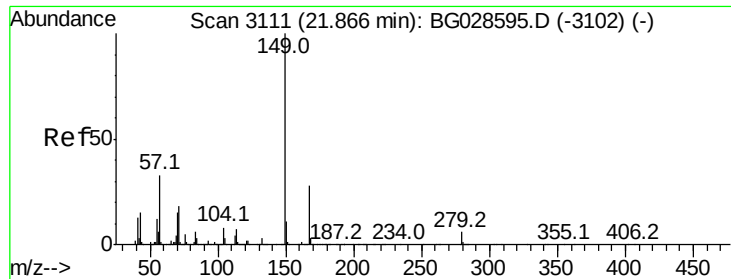
Abundance

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.868 ng

RT: 21.86 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

BNA_G

ClientSampleId :

CPS043061

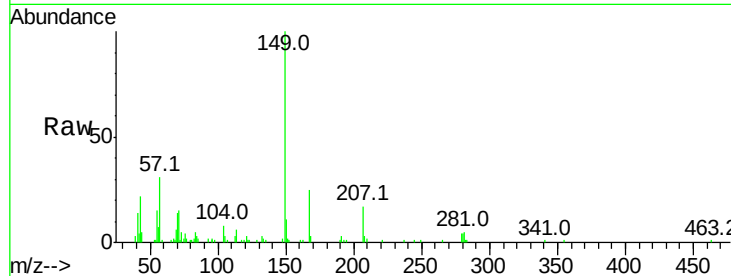
Tot Ion:149 Resp: 30885

Ion Ratio Lower Upper

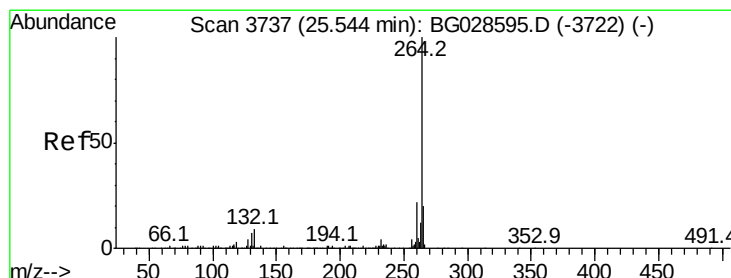
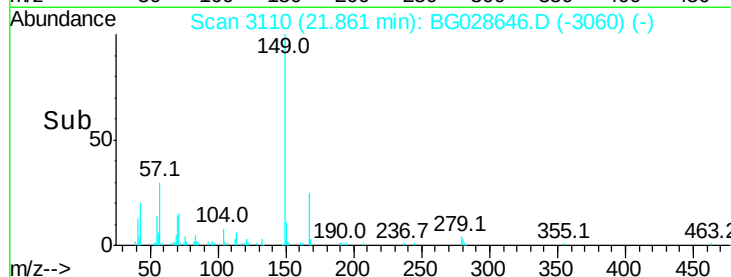
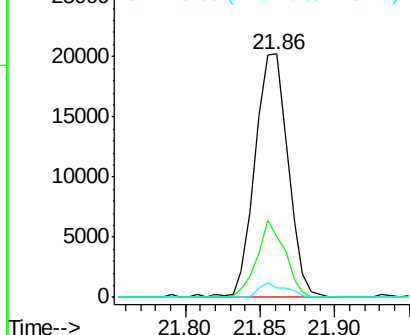
149 100

167 25.0 23.7 35.5

279 3.9 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

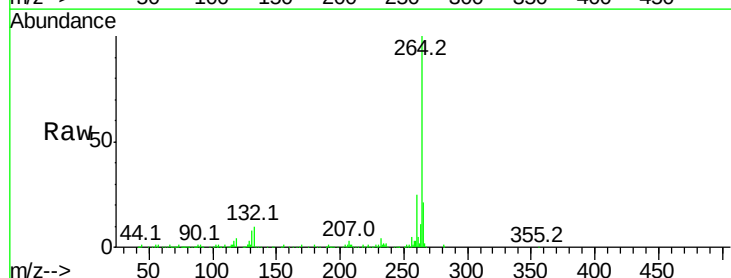
Tgt Ion:264 Resp: 313061

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 21.1 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

