

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028643.D
 Acq On : 11 Sep 2017 15:53
 Operator : SJ/JU
 Sample : I5167-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073061

Quant Time: Sep 12 05:15:03 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

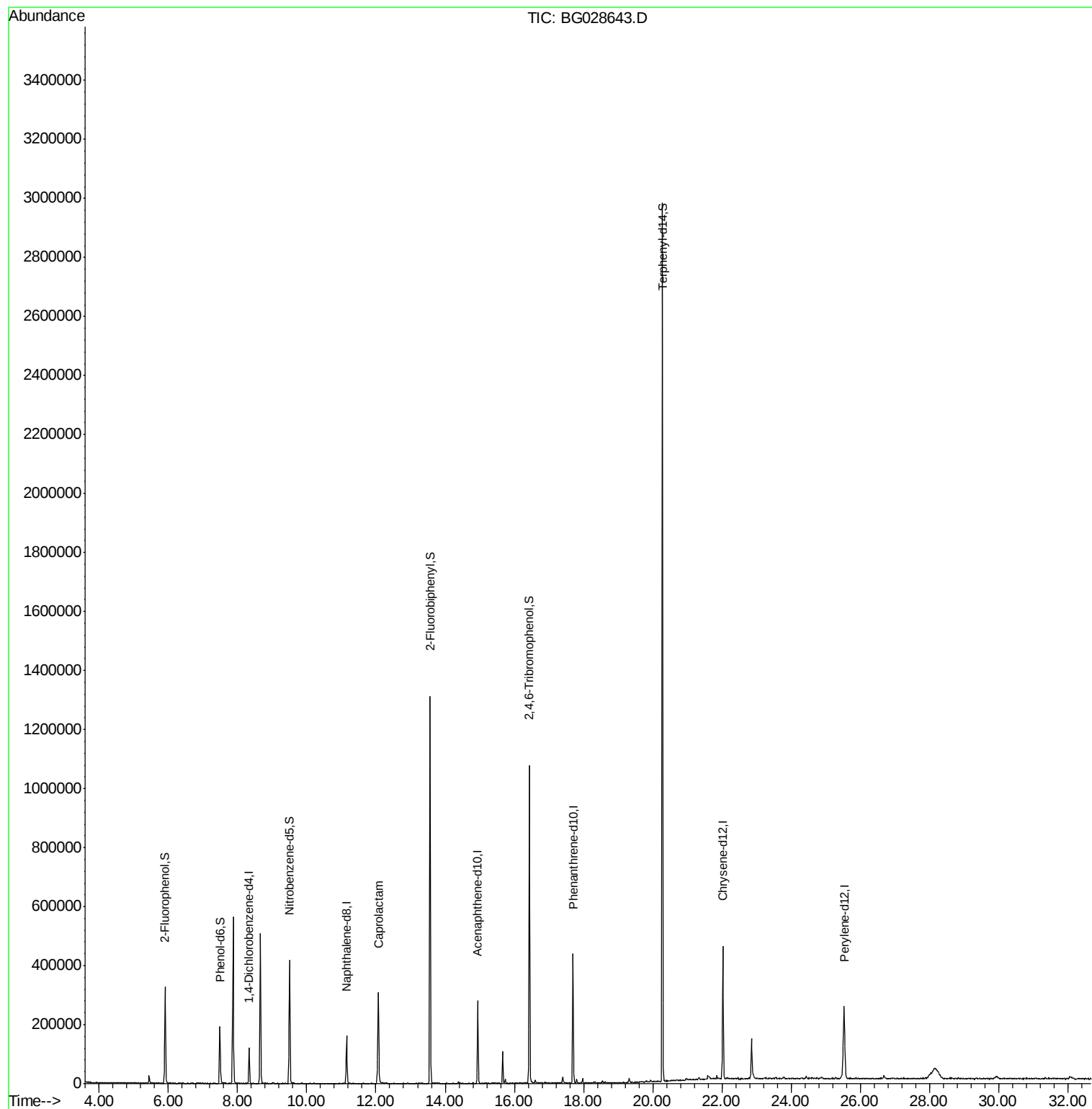
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	34504	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	138672	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	99912	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	274867	20.00	ng	0.00
75) Chrysene-d12	22.03	240	318180	20.00	ng	-0.01
86) Perylene-d12	25.53	264	309863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	140639	68.63	ng	0.00
7) Phenol-d6	7.49	99	120380	40.50	ng	0.00
23) Nitrobenzene-d5	9.51	82	269984	89.40	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	232318	152.99	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	700711	91.75	ng	0.00
78) Terphenyl-d14	20.28	244	1333537	90.30	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	62201	70.043	ng	Qvalue 99

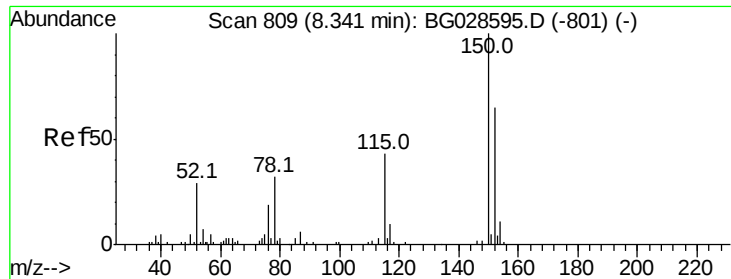
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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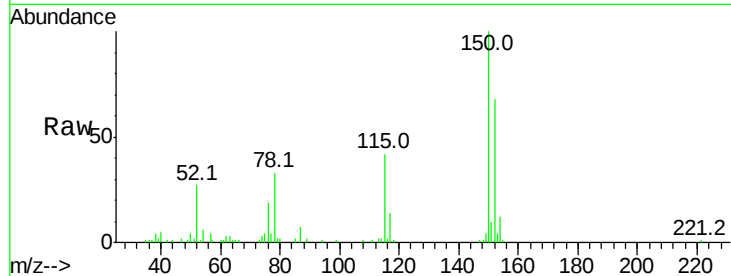


#1

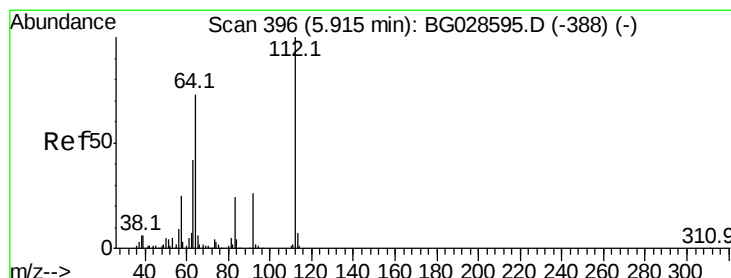
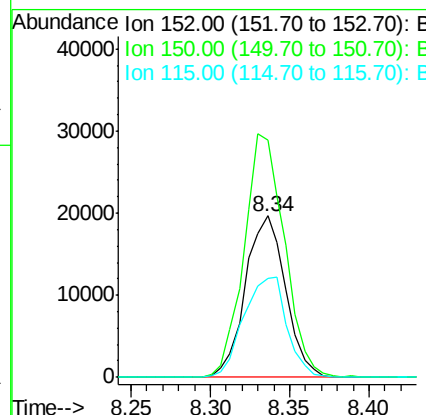
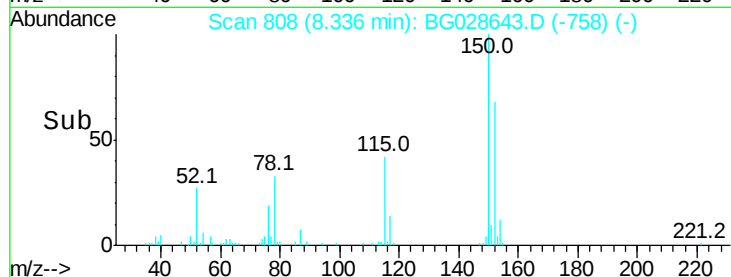
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028643.D
Acq: 11 Sep 2017 15:53

Instrument :
BNA_G
ClientSampleId :
CPS073061

Tot Ion:152 Resp: 34504
Ion Ratio Lower Upper
152 100
150 147.0 114.0 171.0
115 61.3 48.1 72.1



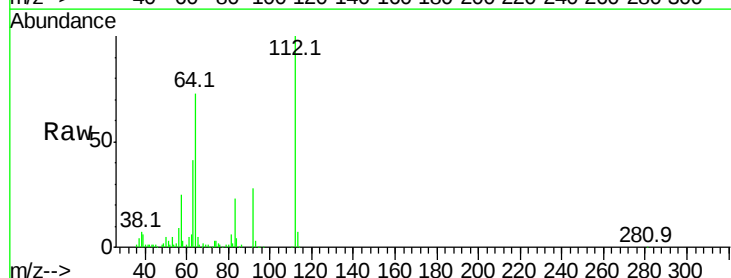
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



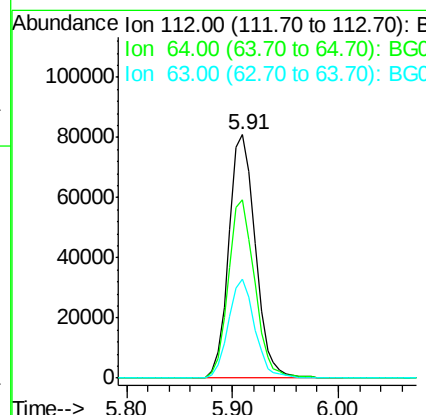
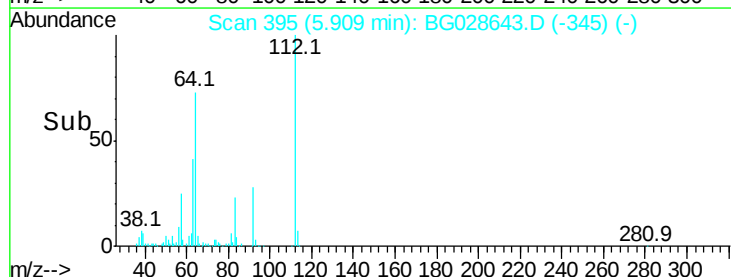
#5

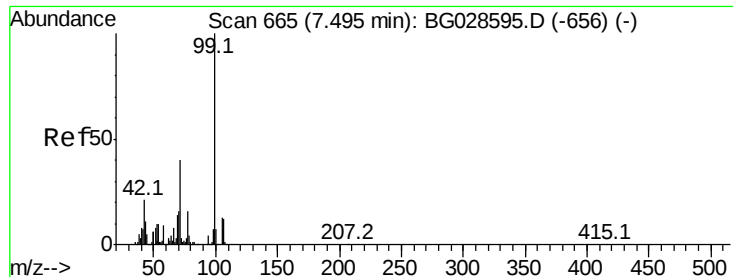
2-Fluorophenol
Concen: 68.629 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028643.D
Acq: 11 Sep 2017 15:53

Tgt Ion:112 Resp: 140639
Ion Ratio Lower Upper
112 100
64 73.3 61.8 92.6
63 40.7 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.499 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028643.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_G

ClientSampleId :

CPS073061

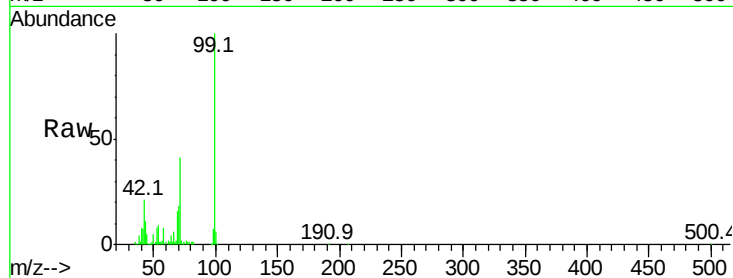
Tot Ion: 99 Resp: 120380

Ion Ratio Lower Upper

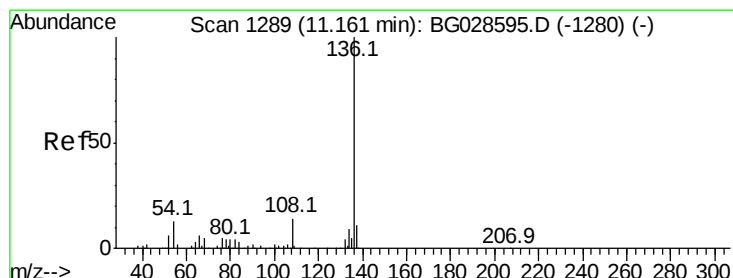
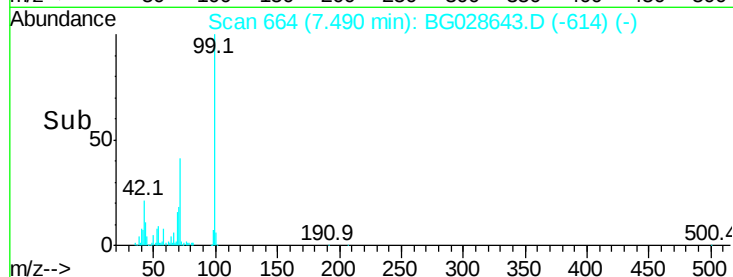
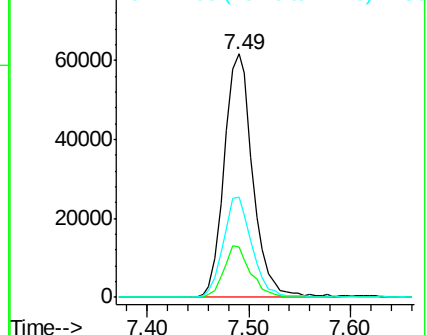
99 100

42 20.7 20.5 30.7

71 41.4 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: BG028643.D

Acq: 11 Sep 2017 15:53

Tgt Ion: 136 Resp: 138672

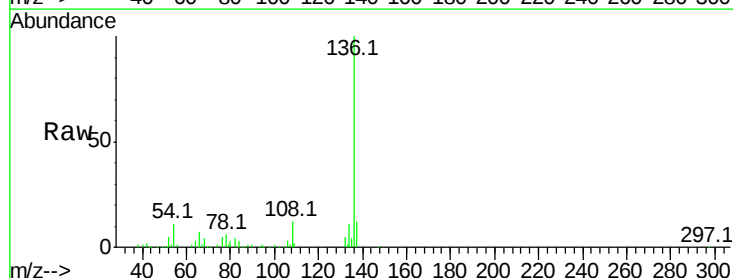
Ion Ratio Lower Upper

136 100

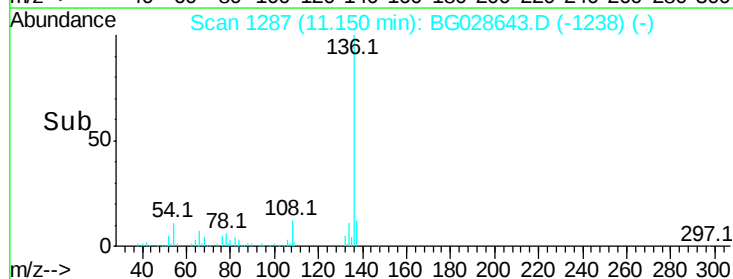
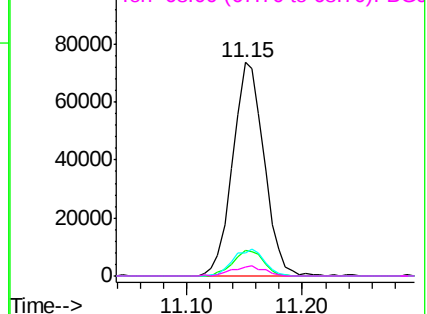
137 12.2 8.9 13.3

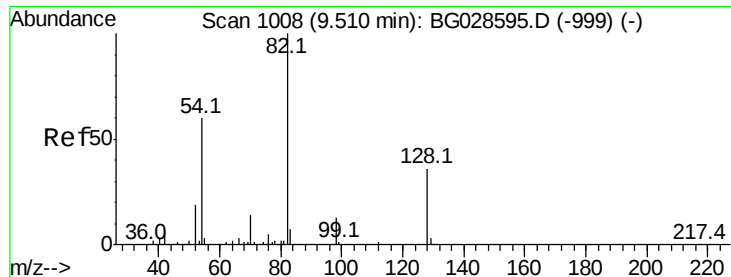
54 10.8 9.3 13.9

68 3.9 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

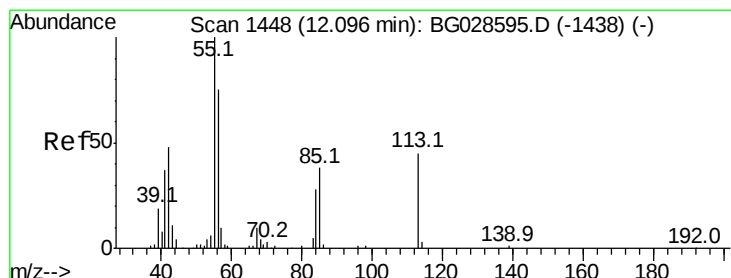
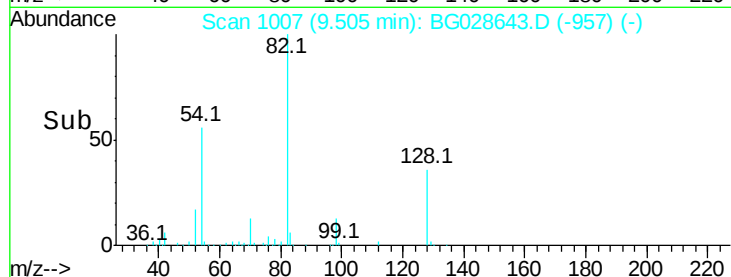
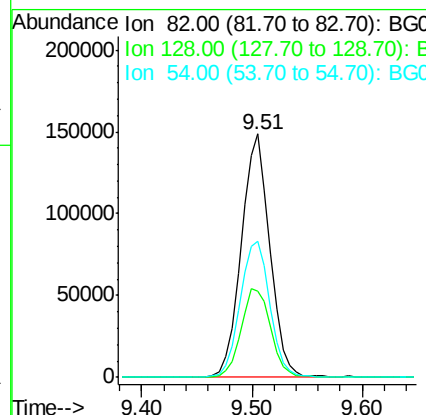
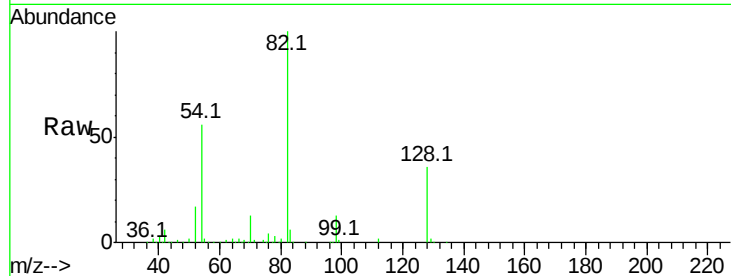




#23
 Nitrobenzene-d5
 Concen: 89.398 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028643.D
 Acq: 11 Sep 2017 15:53

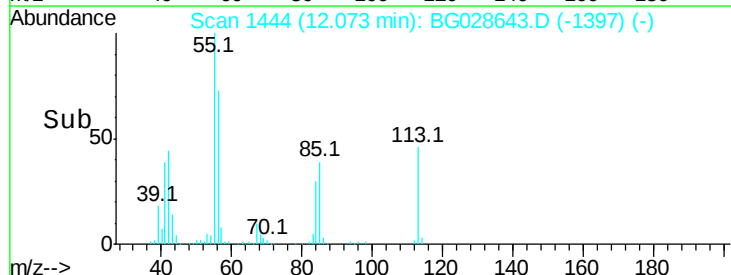
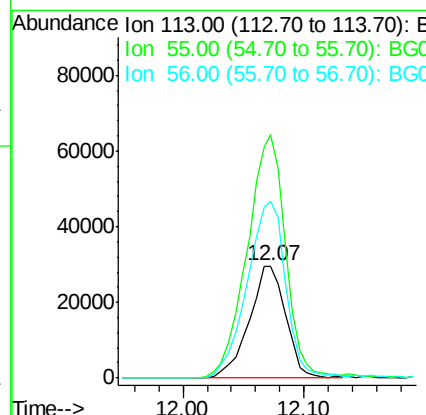
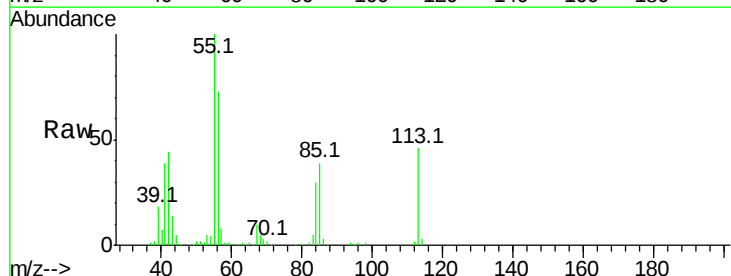
Instrument :
 BNA_G
 ClientSampleId :
 CPS073061

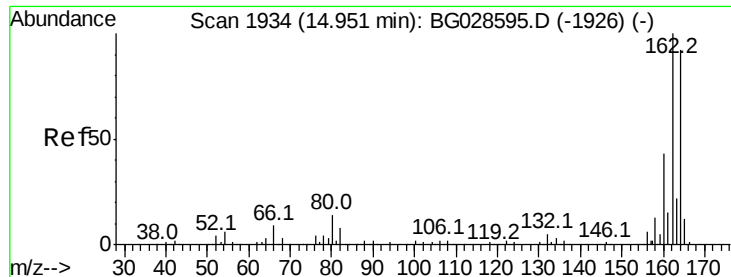
Tot Ion	82	Resp	269984
Ion Ratio	Lower	Upper	
82	100		
128	35.6	26.4	39.6
54	56.0	49.4	74.2



#35
 Caprolactam
 Concen: 70.043 ng
 RT: 12.07 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BG028643.D
 Acq: 11 Sep 2017 15:53

Tgt Ion	113	Resp	62201
Ion Ratio	Lower	Upper	
113	100		
55	217.7	198.6	238.6
56	158.2	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: BG028643.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_G

ClientSampleId :

CPS073061

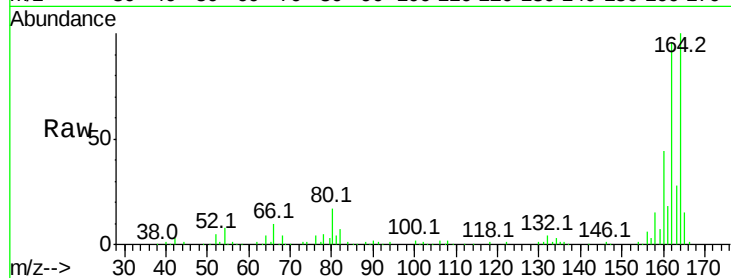
Tot Ion:164 Resp: 99912

Ion Ratio Lower Upper

164 100

162 96.0 85.1 127.7

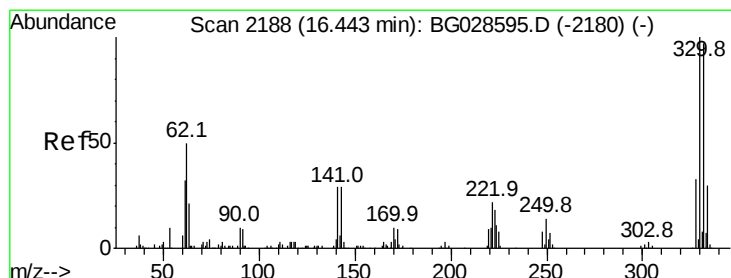
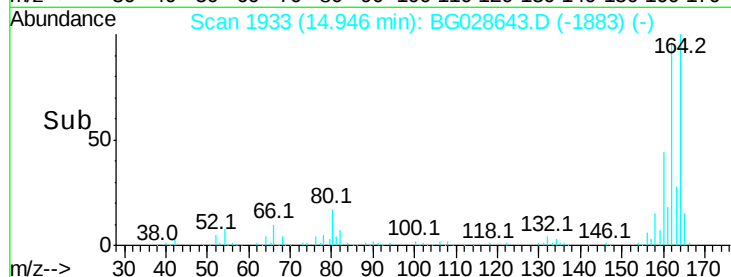
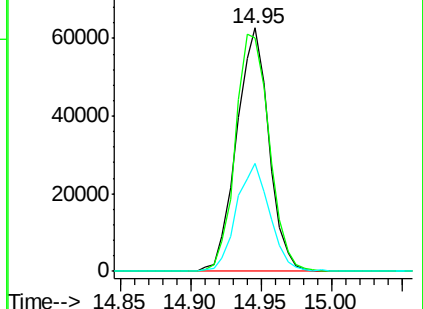
160 44.2 34.7 52.1



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: 152.986 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028643.D

Acq: 11 Sep 2017 15:53

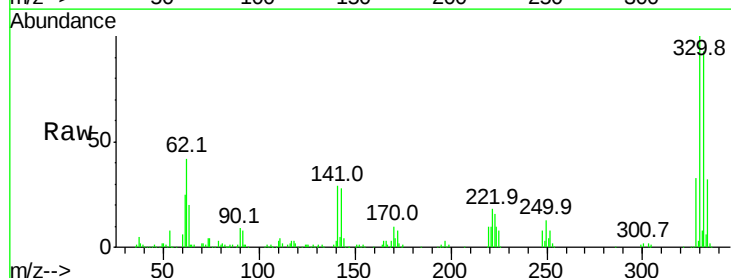
Tgt Ion:330 Resp: 232318

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

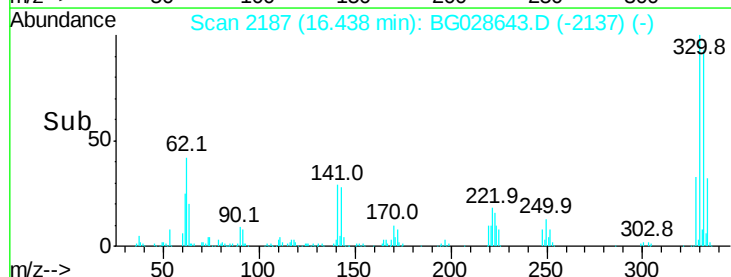
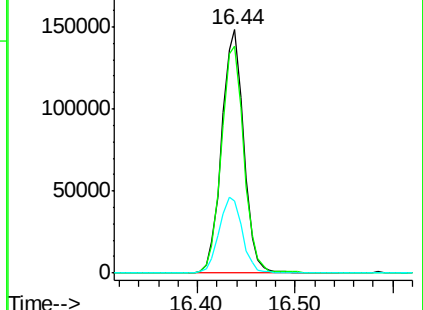
141 32.7 32.1 48.1

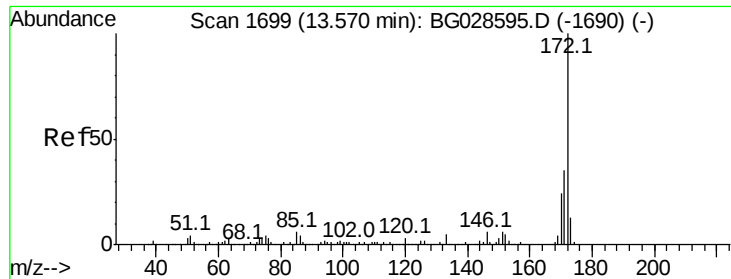


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

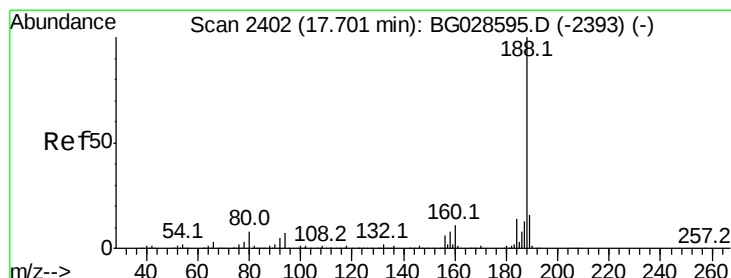
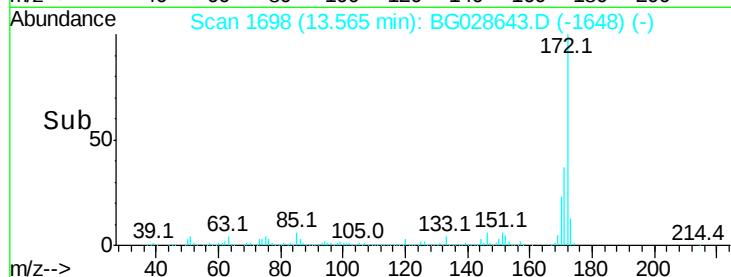
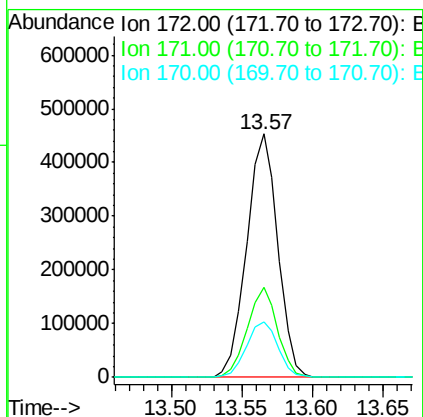
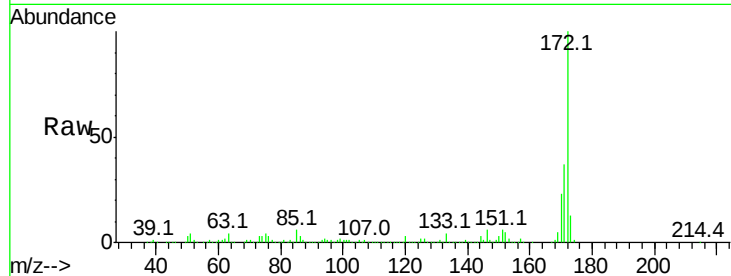




#44
2-Fluorobiphenyl
Concen: 91.750 ng
RT: 13.57 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028643.D
Acq: 11 Sep 2017 15:53

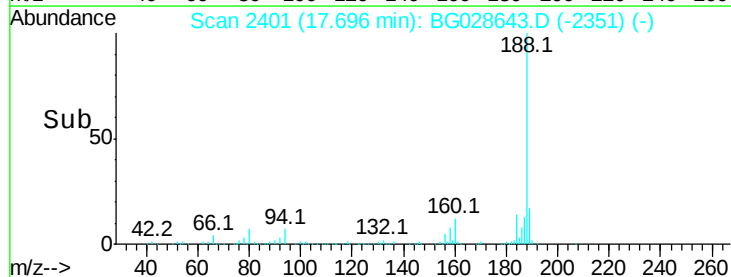
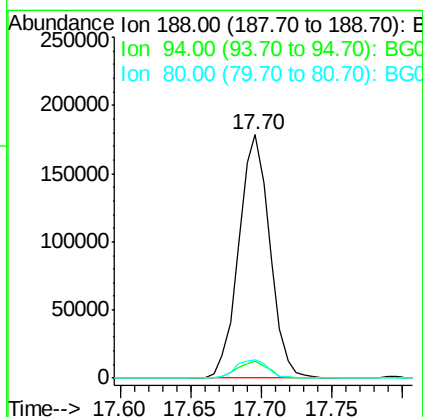
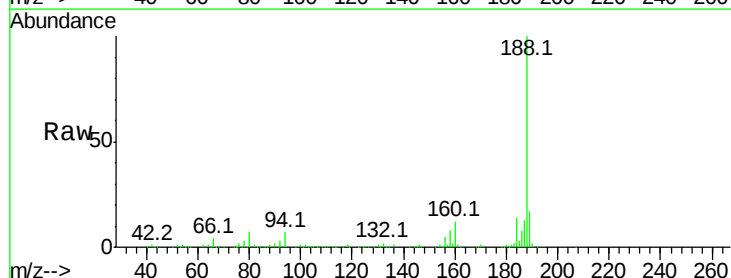
Instrument :
BNA_G
ClientSampleId :
CPS073061

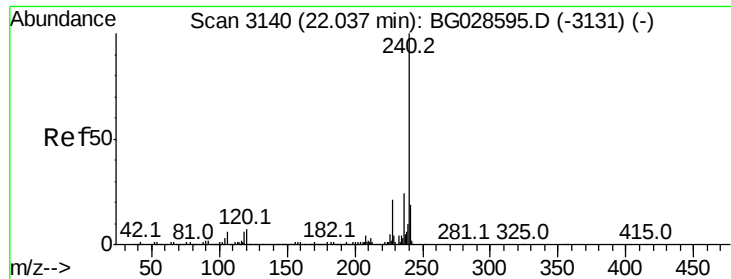
Tot Ion:172 Resp: 700711
Ion Ratio Lower Upper
172 100
171 36.9 32.2 48.2
170 22.8 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028643.D
Acq: 11 Sep 2017 15:53

Tgt Ion:188 Resp: 274867
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 7.3 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: BG028643.D

Acq: 11 Sep 2017 15:53

Instrument :

BNA_G

ClientSampleId :

CPS073061

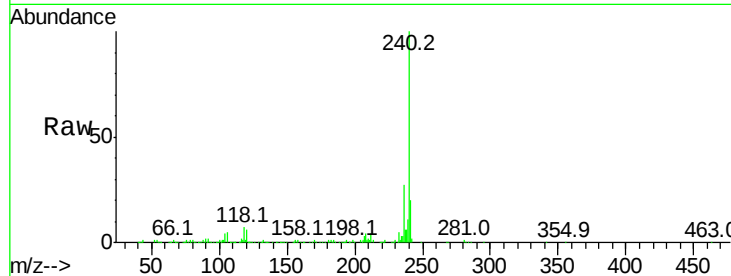
Tot Ion:240 Resp: 318180

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

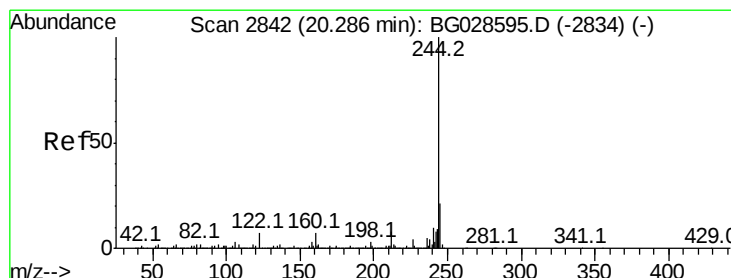
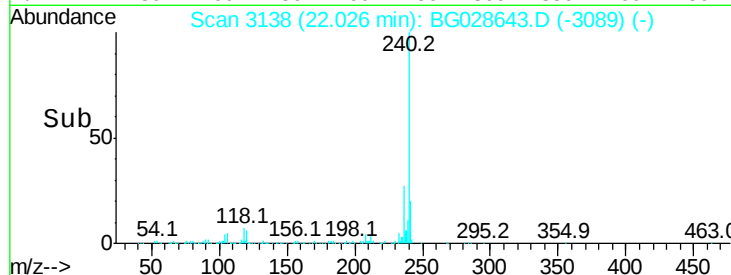
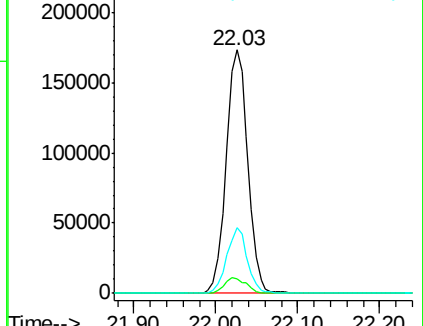
236 27.0 22.2 33.4



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: 90.299 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028643.D

Acq: 11 Sep 2017 15:53

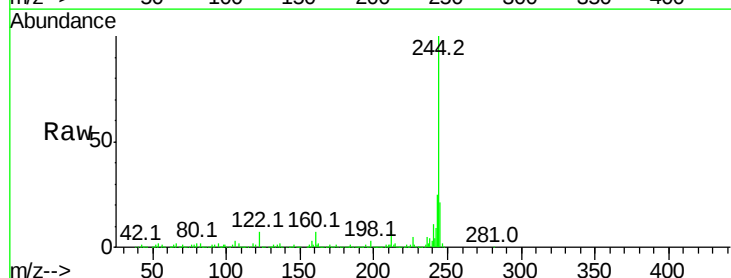
Tgt Ion:244 Resp: 1333537

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

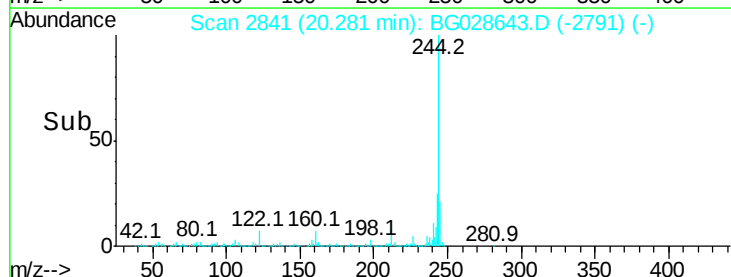
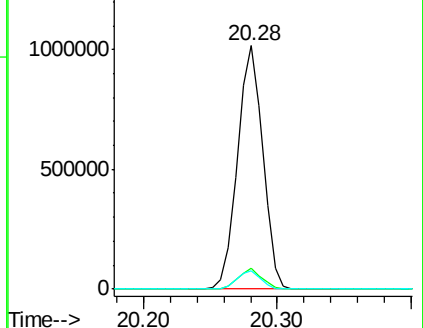
122 7.4 8.6 12.8#

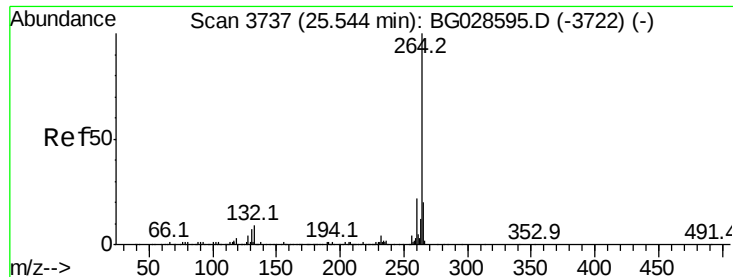


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

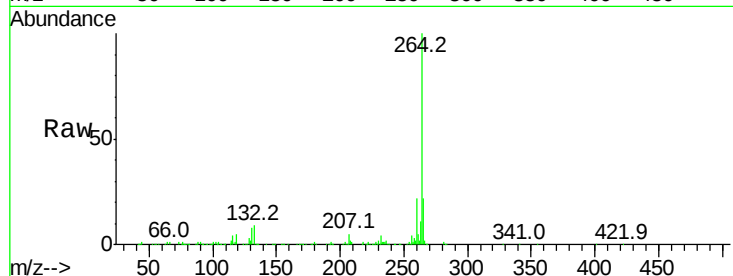




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028643.D
 Acq: 11 Sep 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 CPS073061

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	21.5	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

