

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028656.D
 Acq On : 12 Sep 2017 1:05
 Operator : SJ/JU
 Sample : I5123-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:45:06 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

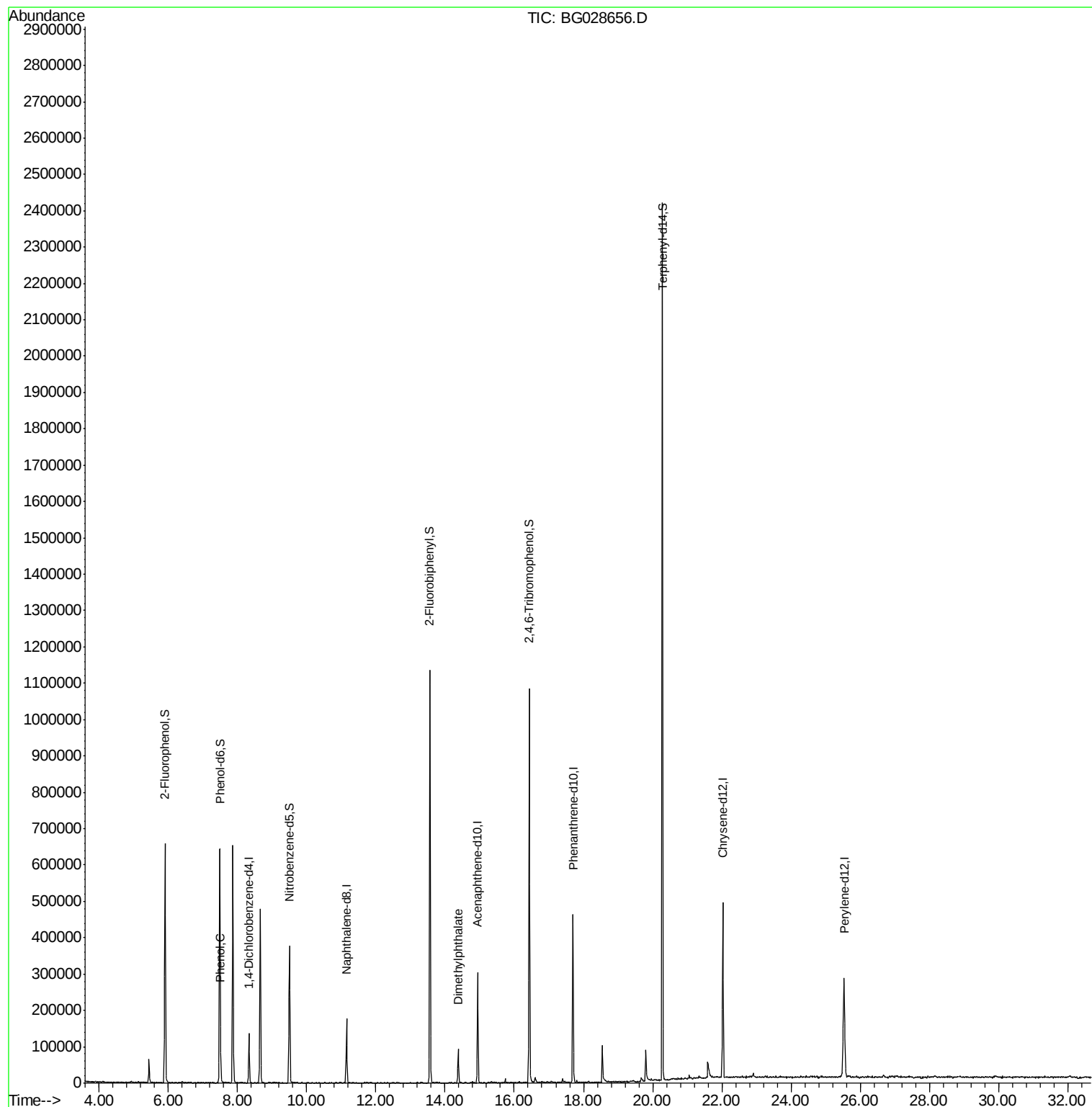
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	38457	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	149877	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	110181	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	297518	20.00	ng	0.00
75) Chrysene-d12	22.03	240	330714	20.00	ng	0.00
86) Perylene-d12	25.54	264	339178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	286054	125.24	ng	0.00
7) Phenol-d6	7.49	99	390251	117.80	ng	0.00
23) Nitrobenzene-d5	9.50	82	244119	74.79	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	229483	137.03	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	629018	74.69	ng	0.00
78) Terphenyl-d14	20.28	244	1120501	73.00	ng	0.00
Target Compounds						
10) Phenol	7.52	94	13705	3.819	ng	96
49) Dimethylphthalate	14.38	163	63501	6.995	ng	97

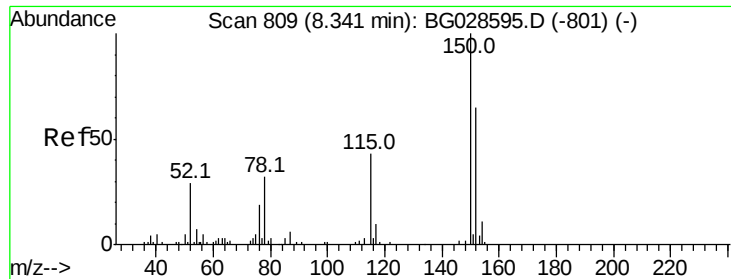
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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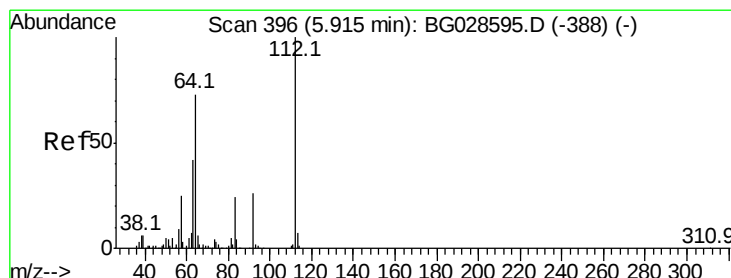
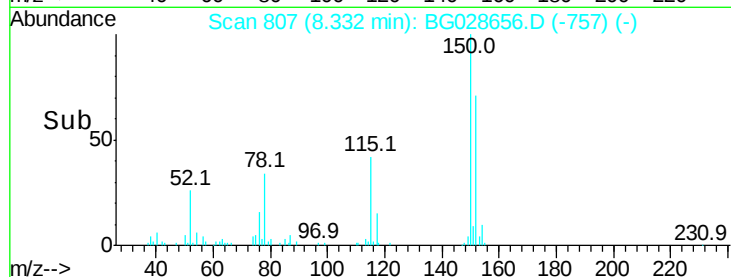
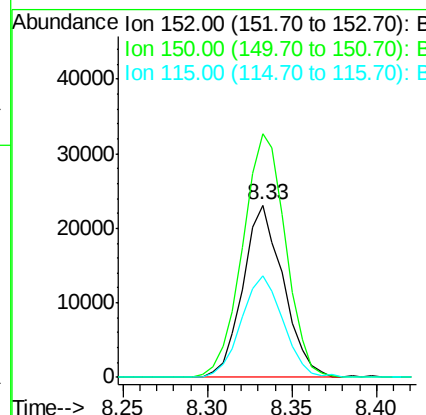
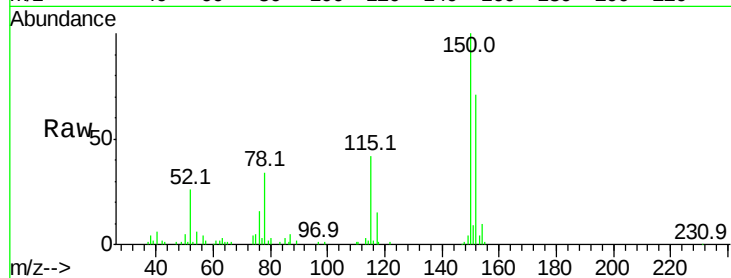


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Instrument :
BNA_G
ClientSampleId :

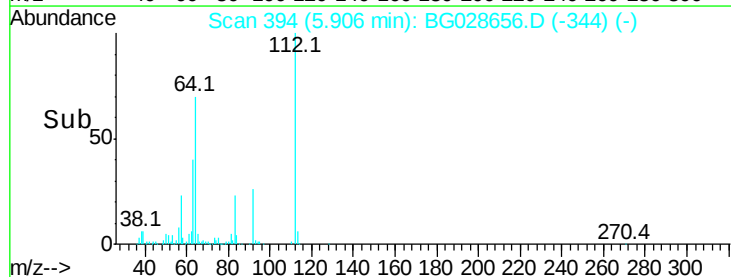
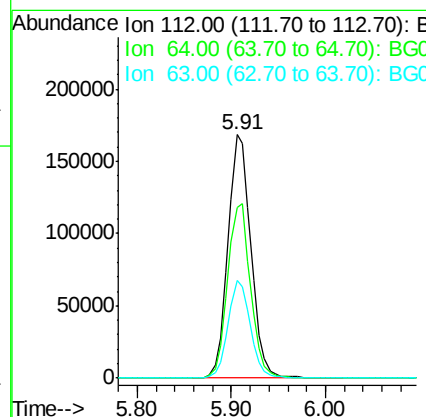
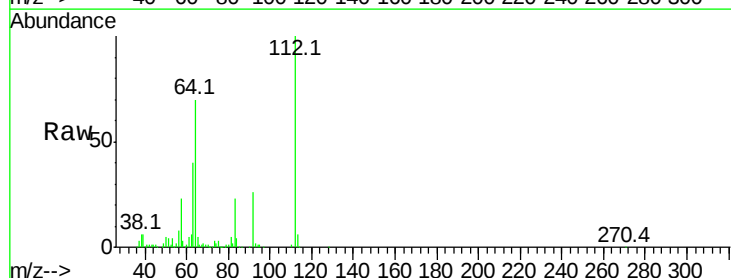
Tot Ion:152 Resp: 38457
Ion Ratio Lower Upper
152 100
150 141.4 114.0 171.0
115 59.0 48.1 72.1

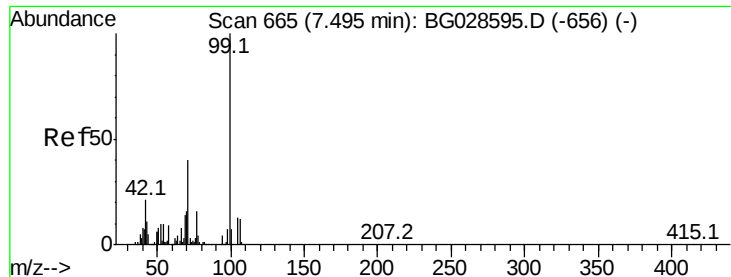


#5

2-Fluorophenol
Concen: 125.241 ng
RT: 5.91 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Tgt Ion:112 Resp: 286054
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 40.3 37.2 55.8





#7

Phenol-d6

Concen: 117.796 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028656.D

Acq: 12 Sep 2017 1:05

Instrument :

BNA_G

ClientSampled :

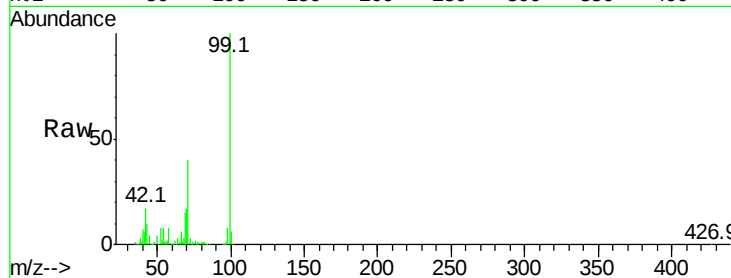
Tot Ion: 99 Resp: 390251

Ion Ratio Lower Upper

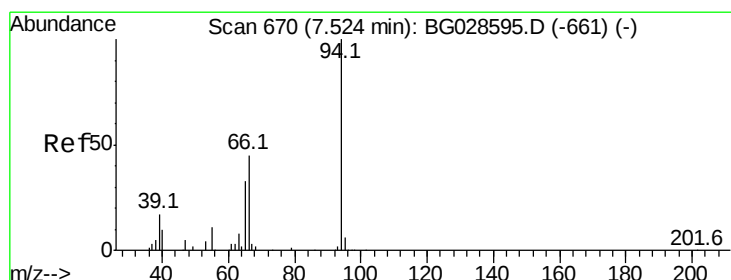
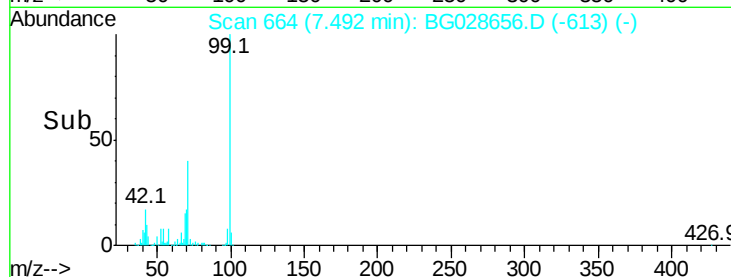
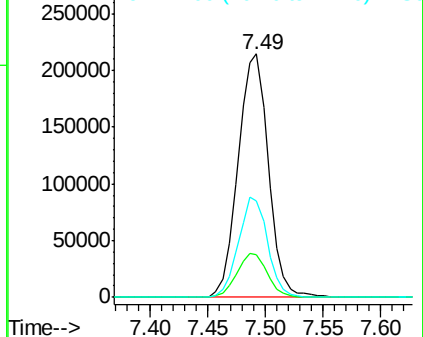
99 100

42 17.5 20.5 30.7#

71 39.8 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



#10

Phenol

Concen: 3.819 ng

RT: 7.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG028656.D

Acq: 12 Sep 2017 1:05

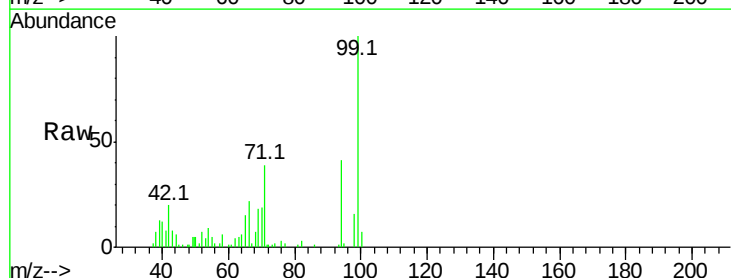
Tgt Ion: 94 Resp: 13705

Ion Ratio Lower Upper

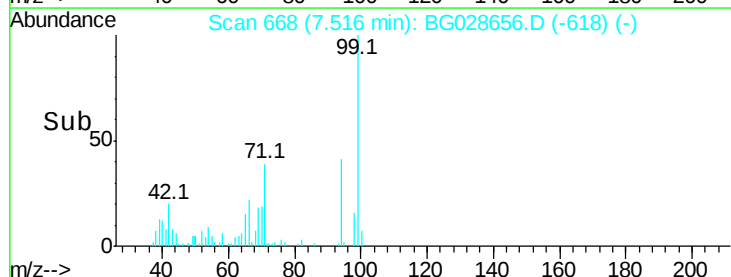
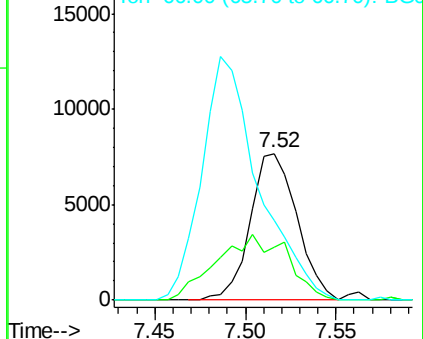
94 100

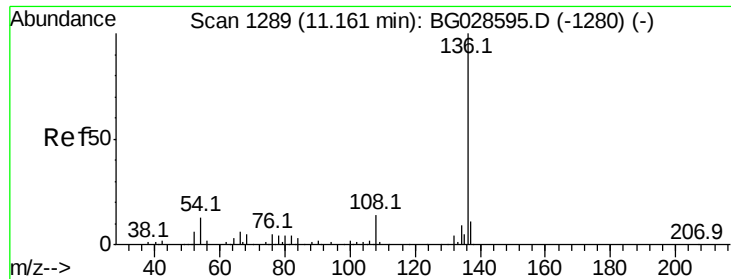
65 35.9 20.6 60.6

66 54.0 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

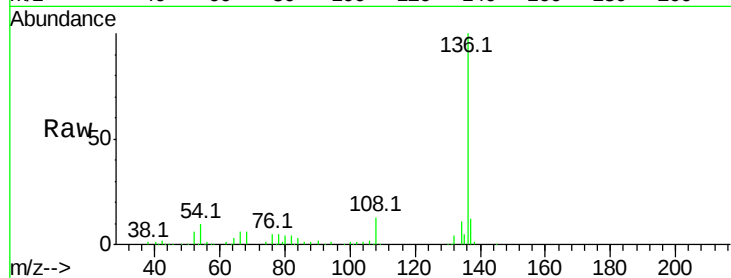




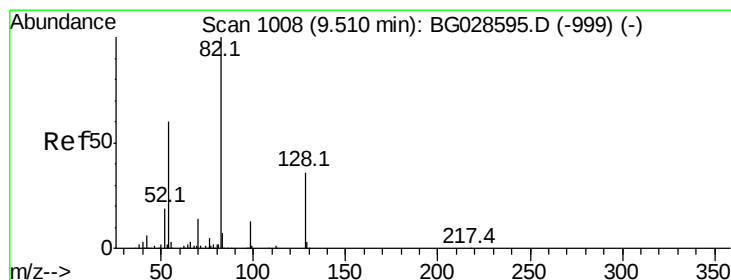
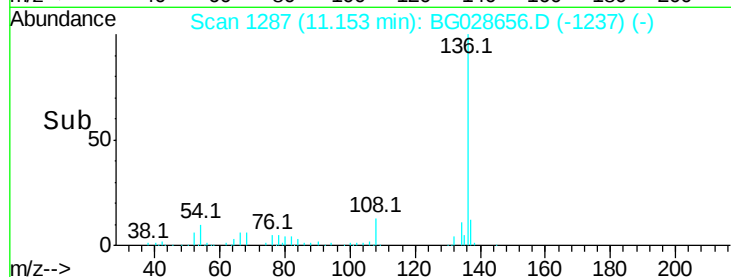
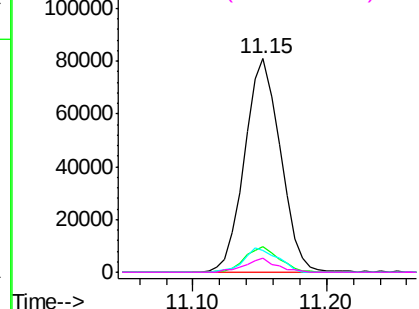
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	149877
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	10.3	9.3	13.9
68	6.4	5.1	7.7

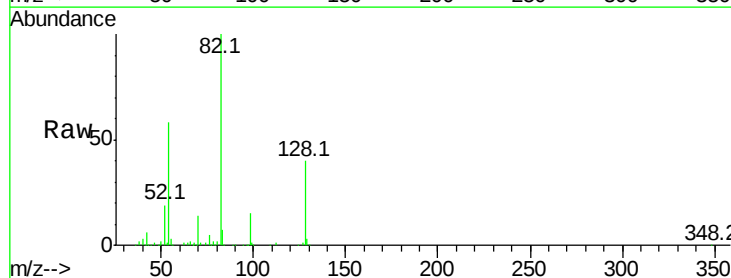


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

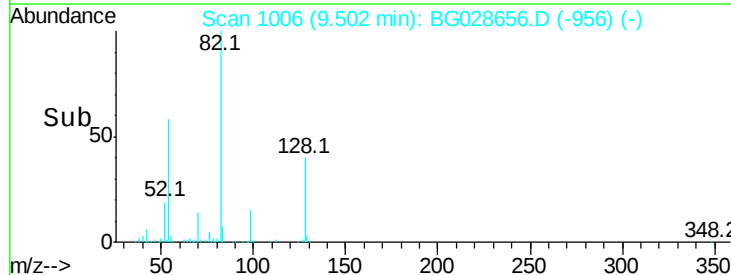
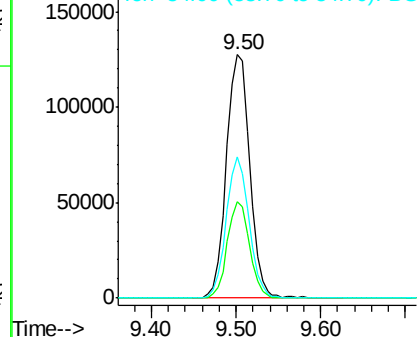


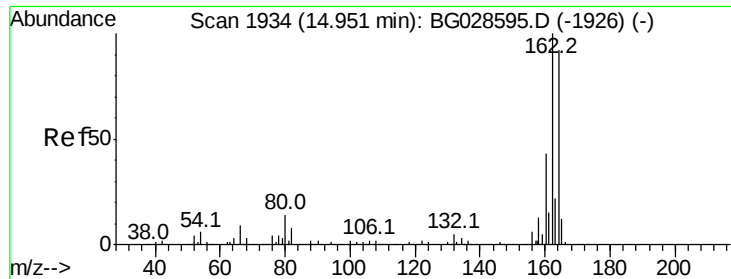
#23
Nitrobenzene-d5
Concen: 74.791 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Tgt Ion:	82	Resp:	244119
Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6#
54	57.9	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028656.D

Acq: 12 Sep 2017 1:05

Instrument :

BNA_G

ClientSampleId :

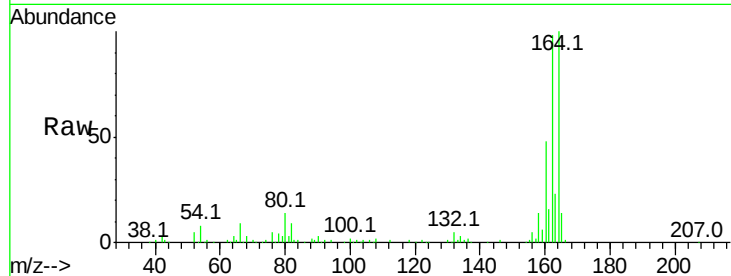
Tot Ion:164 Resp: 110181

Ion Ratio Lower Upper

164 100

162 97.9 85.1 127.7

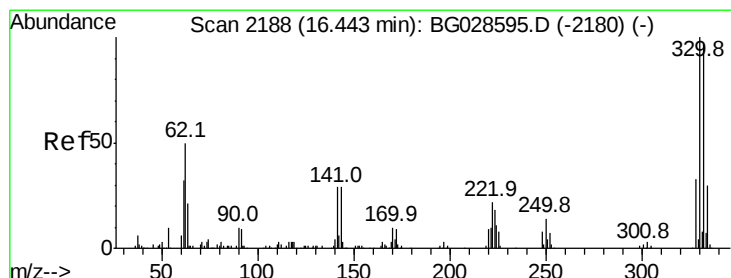
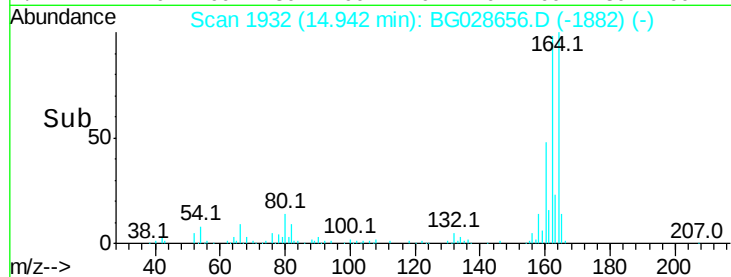
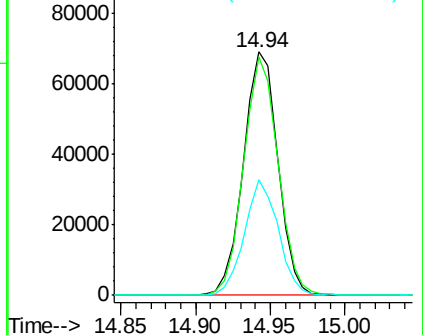
160 47.7 34.7 52.1



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: 137.034 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028656.D

Acq: 12 Sep 2017 1:05

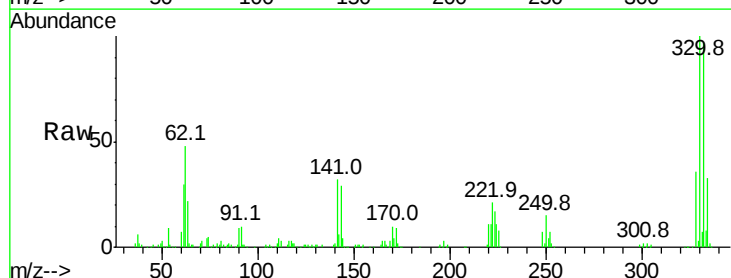
Tgt Ion:330 Resp: 229483

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

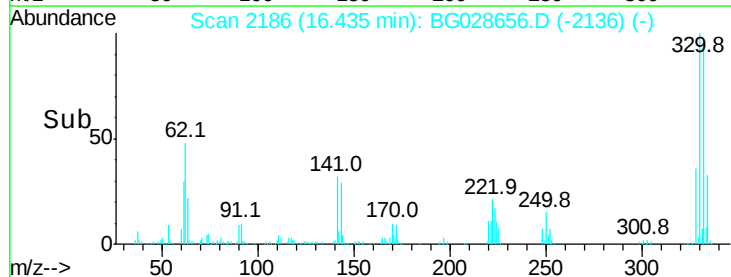
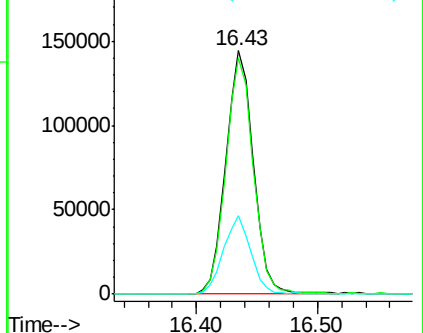
141 31.7 32.1 48.1#

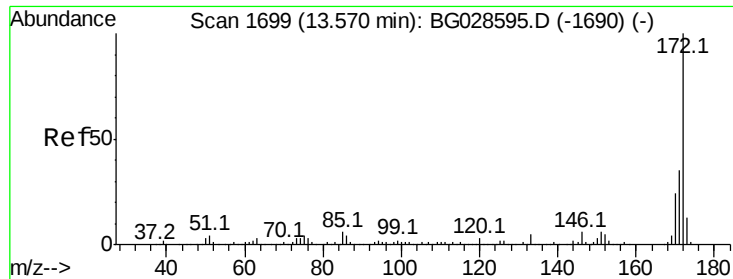


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

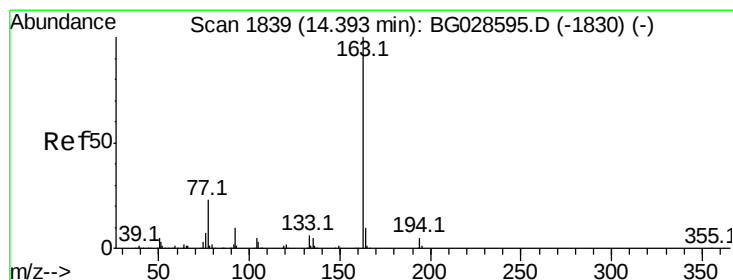
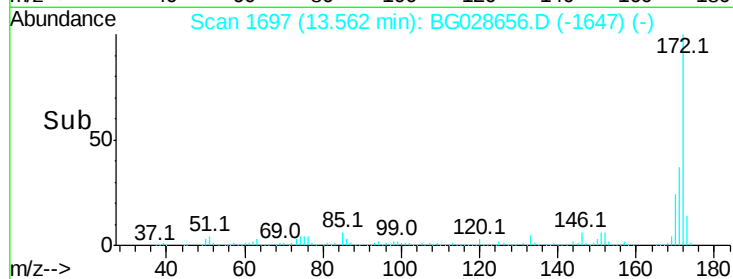
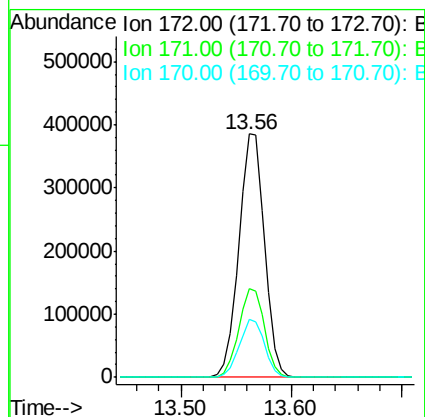
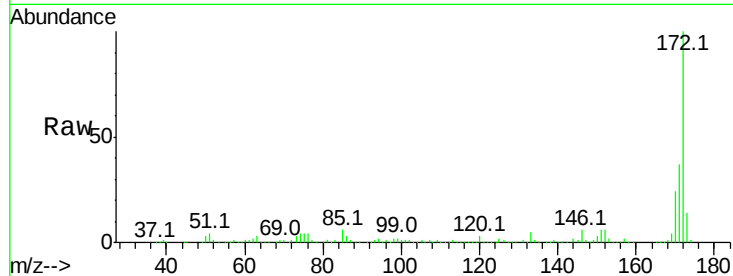




#44
2-Fluorobiphenyl
Concen: 74.686 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

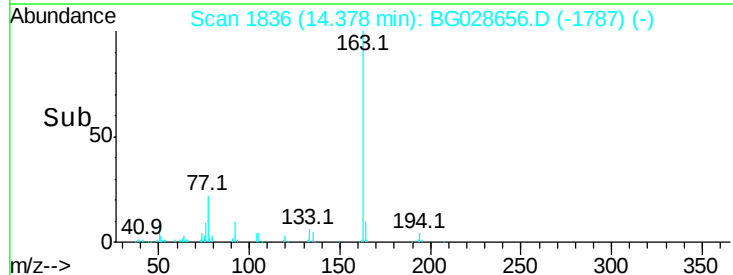
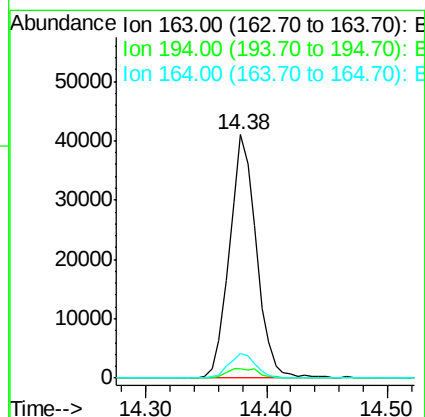
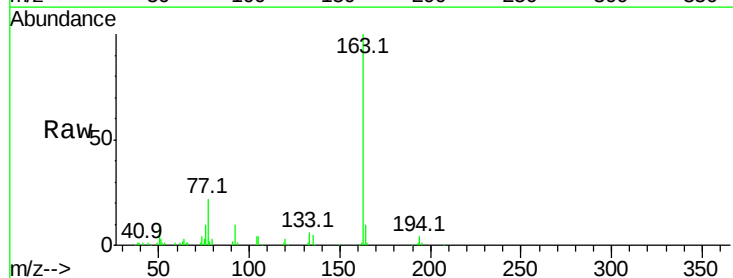
Instrument :
BNA_G
ClientSampled :

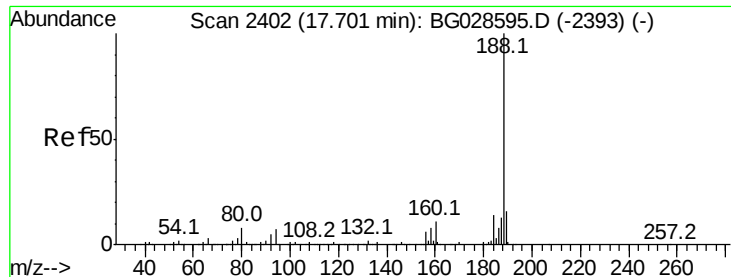
Tot Ion:172 Resp: 629018
Ion Ratio Lower Upper
172 100
171 36.5 32.2 48.2
170 23.8 21.8 32.6



#49
Dimethylphthalate
Concen: 6.995 ng
RT: 14.38 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Tgt Ion:163 Resp: 63501
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.6
164 10.2 9.3 13.9

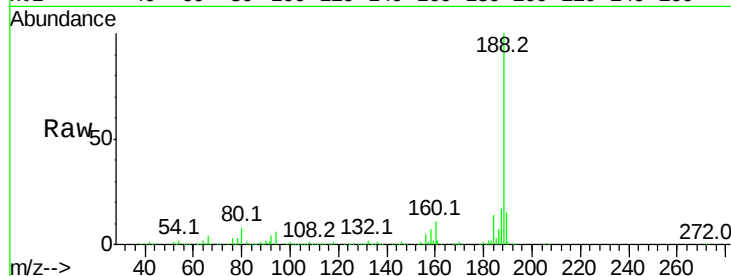




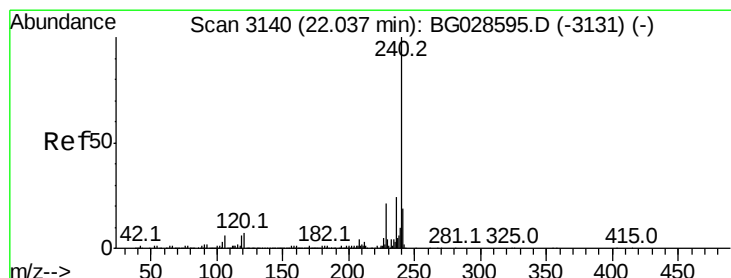
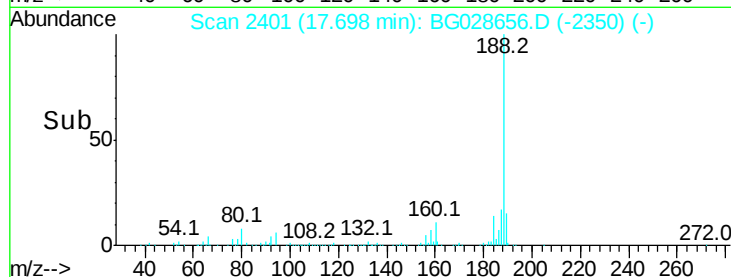
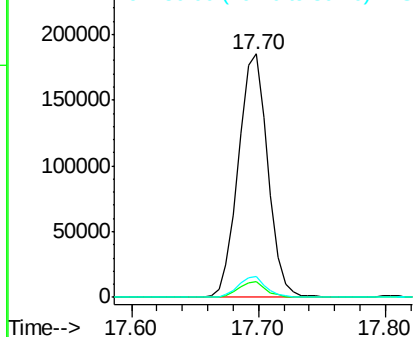
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 297518
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 8.5 7.5 11.3

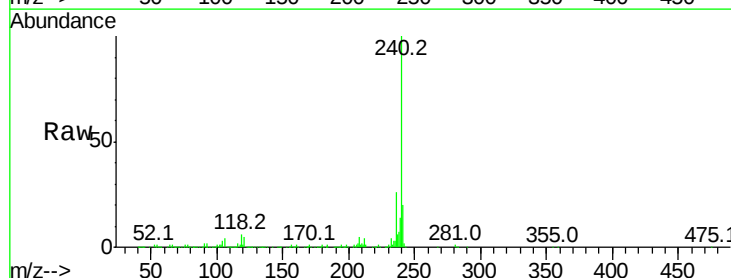


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

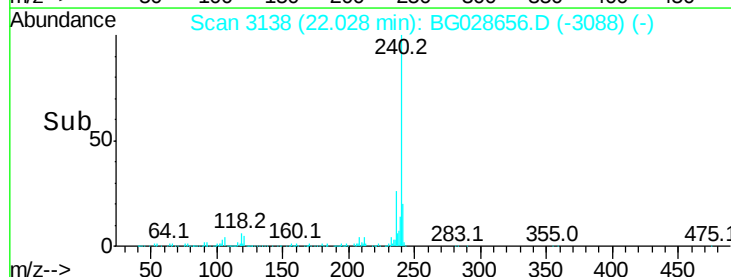
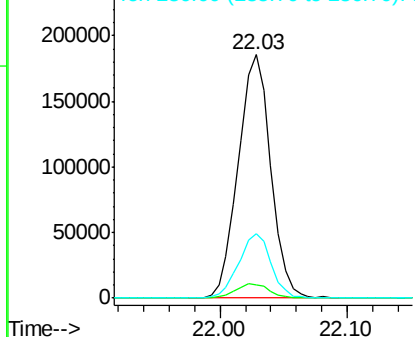


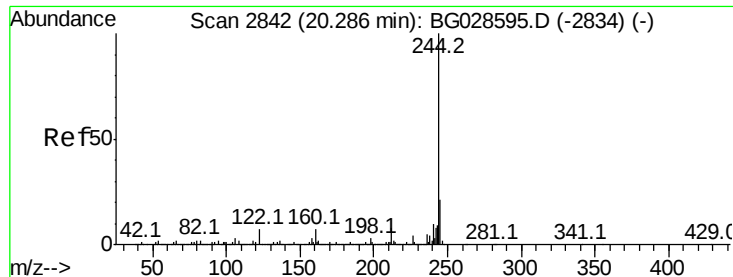
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028656.D
Acq: 12 Sep 2017 1:05

Tgt Ion:240 Resp: 330714
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 26.4 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: 72.998 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028656.D

Acq: 12 Sep 2017 1:05

Instrument :

BNA_G

ClientSampleId :

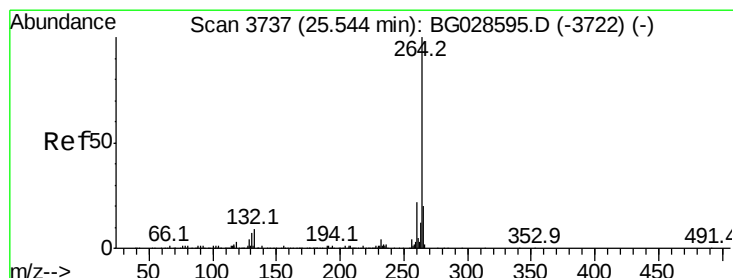
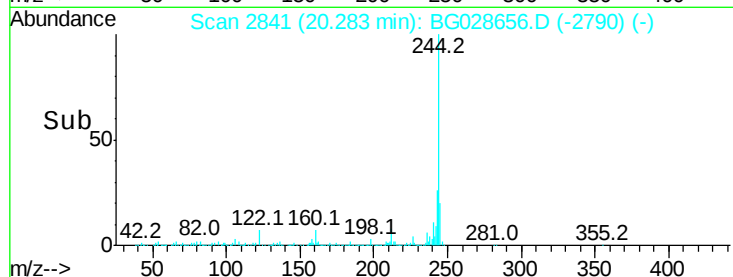
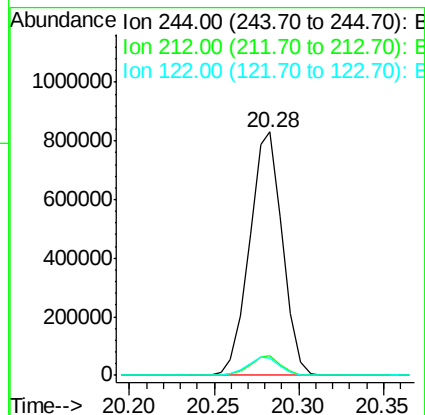
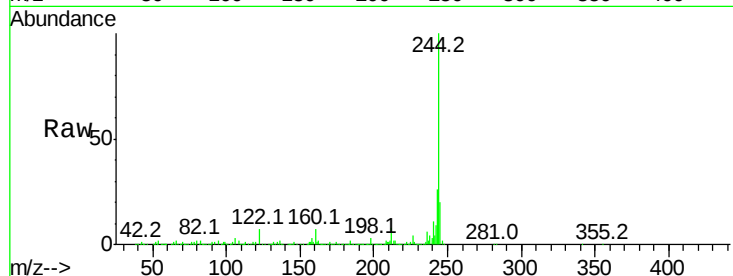
Tot Ion:244 Resp: 1120501

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 6.8 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.54 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG028656.D

Acq: 12 Sep 2017 1:05

Tgt Ion:264 Resp: 339178

Ion Ratio Lower Upper

264 100

260 20.6 21.8 32.8#

265 20.3 18.2 27.4

