

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028740.D
 Acq On : 14 Sep 2017 20:01
 Operator : SJ/JU
 Sample : I5222-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:51:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

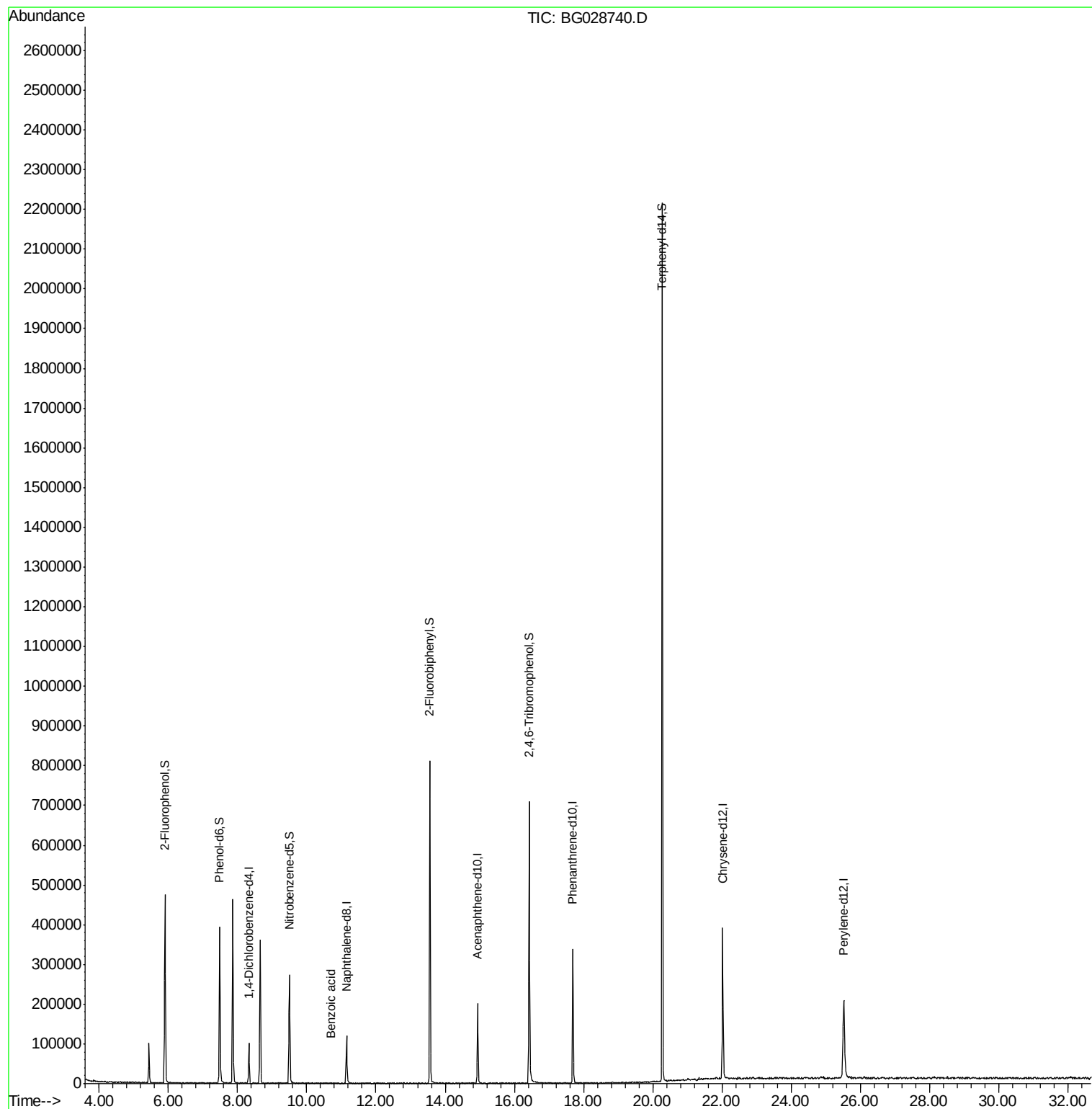
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28314	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	109264	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	75897	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	231838	20.00	ng	0.00
75) Chrysene-d12	22.02	240	272753	20.00	ng	-0.01
86) Perylene-d12	25.52	264	274270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	203008	118.31	ng	0.00
7) Phenol-d6	7.48	99	241759	93.58	ng	0.00
23) Nitrobenzene-d5	9.50	82	178083	77.97	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	167430	133.38	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	464512	81.61	ng	0.00
78) Terphenyl-d14	20.27	244	1023160	80.00	ng	0.00
Target Compounds						
32) Benzoic acid	10.69	122	56	6.121	ng	Qvalue # 1

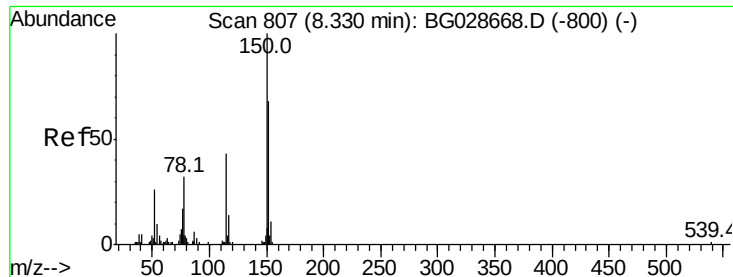
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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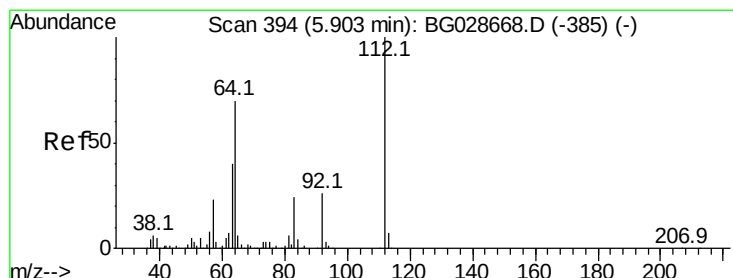
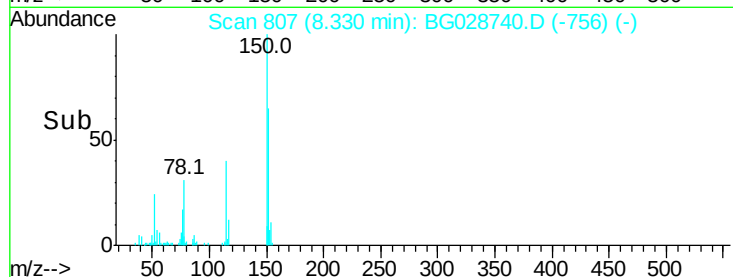
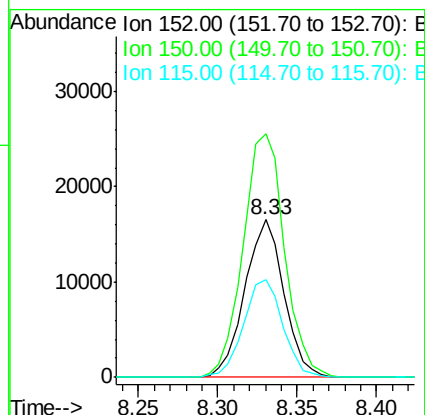
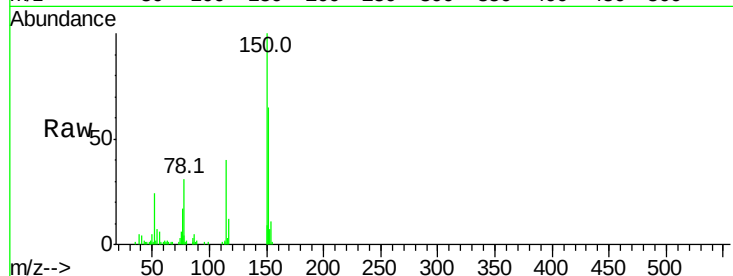


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028740.D
Acq: 14 Sep 2017 20:01

Instrument :
BNA_G
ClientSampleId :

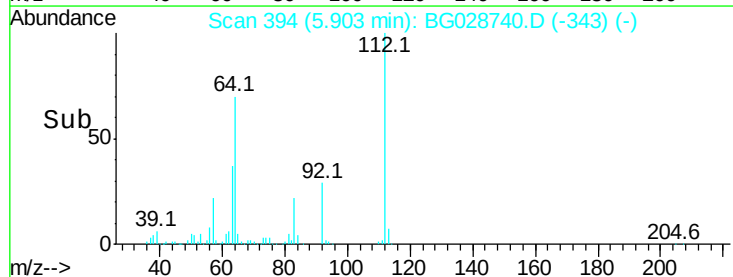
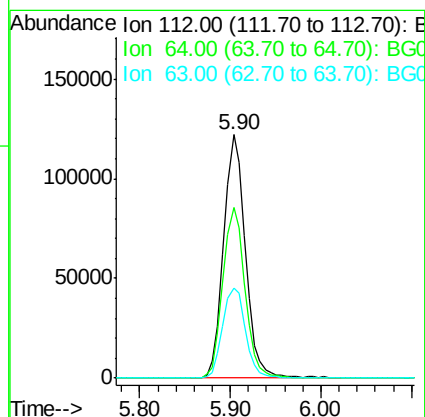
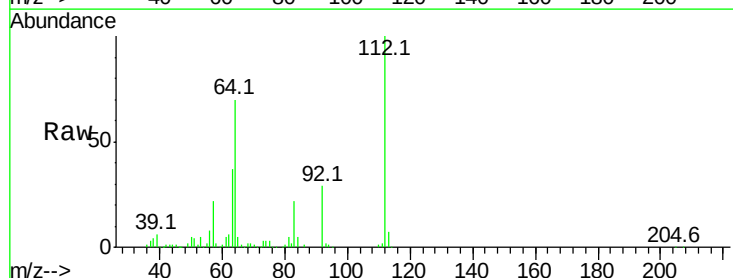
Tot Ion:152 Resp: 28314
Ion Ratio Lower Upper
152 100
150 154.6 114.0 171.0
115 61.9 48.1 72.1

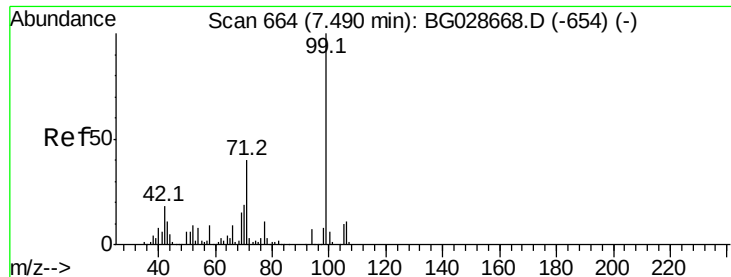


#5

2-Fluorophenol
Concen: 118.307 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028740.D
Acq: 14 Sep 2017 20:01

Tgt Ion:112 Resp: 203008
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 36.8 37.2 55.8#





#7

Phenol-d6

Concen: 93.576 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Instrument :

BNA_G

ClientSampleId :

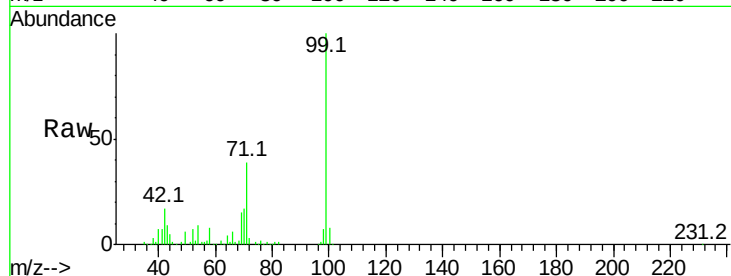
Tot Ion: 99 Resp: 241759

Ion Ratio Lower Upper

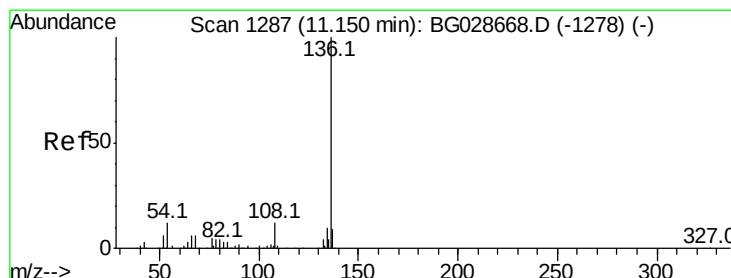
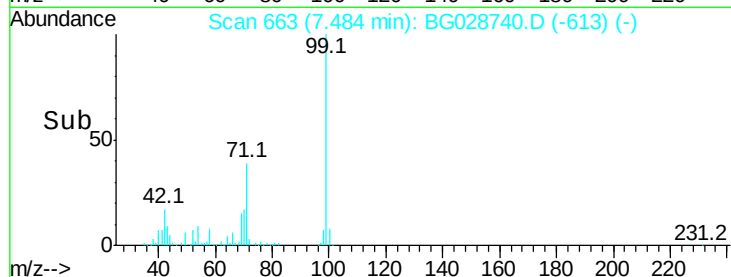
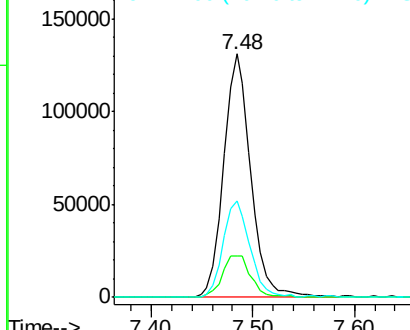
99 100

42 17.0 20.5 30.7#

71 39.4 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. 0.00 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Tgt Ion: 136 Resp: 109264

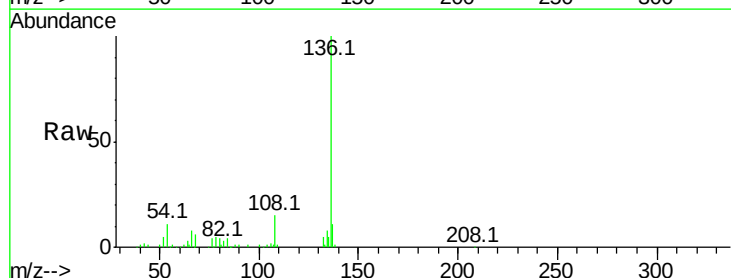
Ion Ratio Lower Upper

136 100

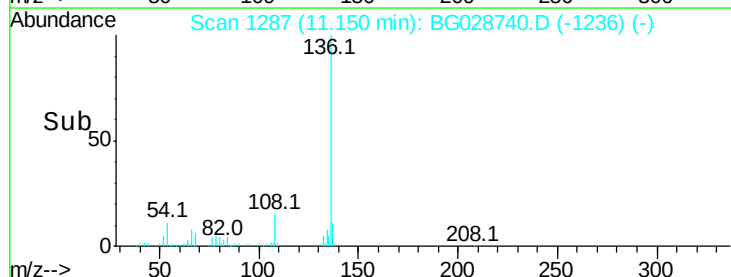
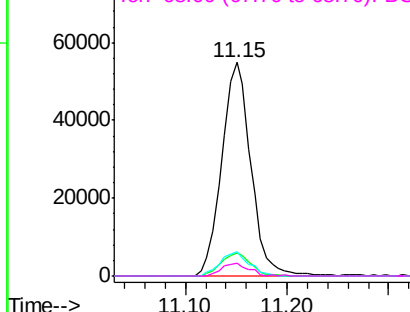
137 11.1 8.9 13.3

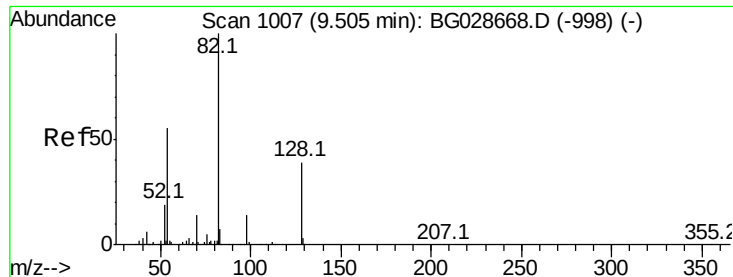
54 11.2 9.3 13.9

68 5.9 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

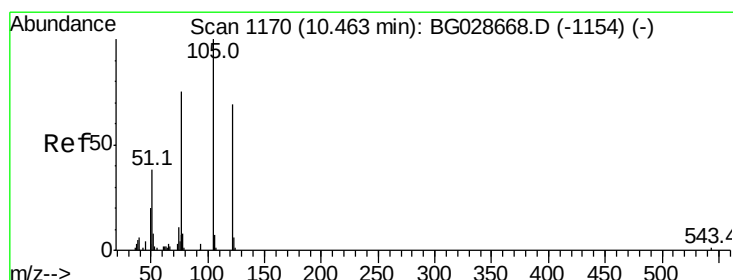
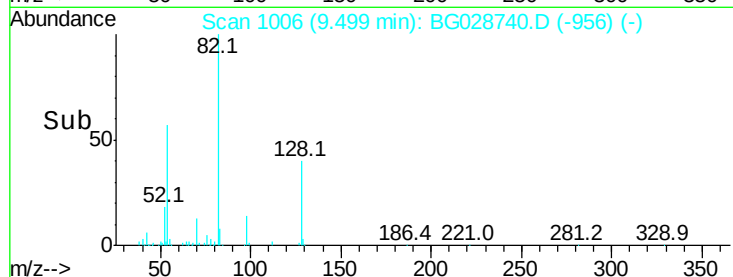
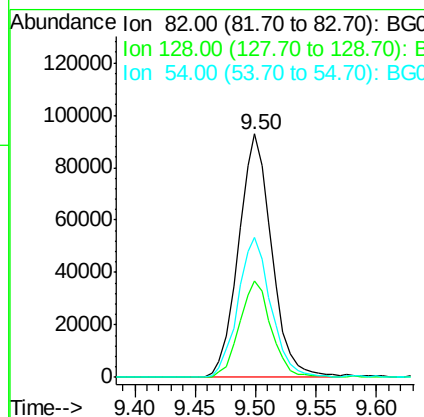
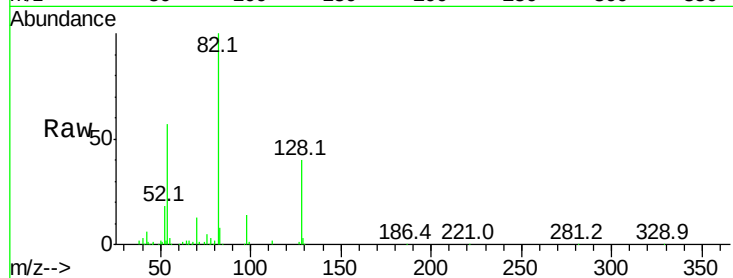




#23
Nitrobenzene-d5
Concen: 77.967 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028740.D
Acq: 14 Sep 2017 20:01

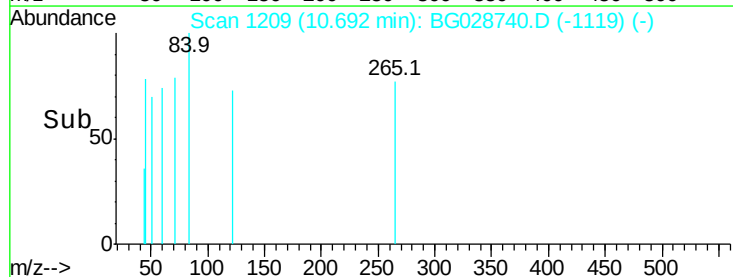
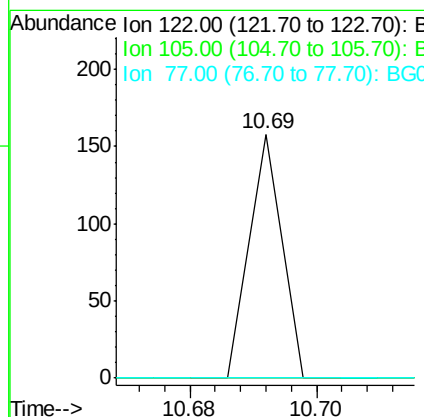
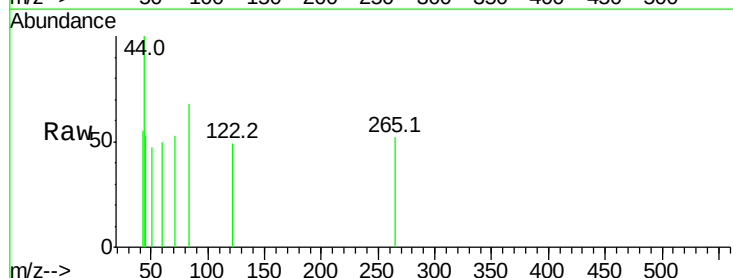
Instrument :
BNA_G
ClientSampleId :

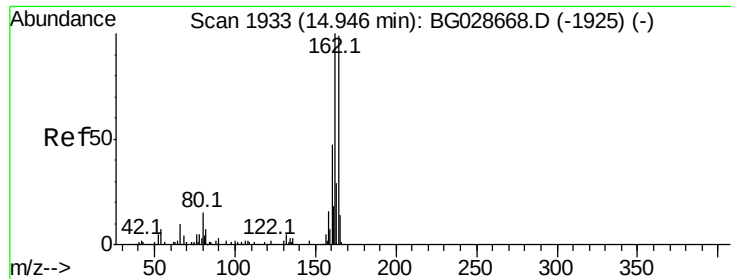
Tot Ion: 82 Resp: 178083
Ion Ratio Lower Upper
82 100
128 39.8 26.4 39.6#
54 57.2 49.4 74.2



#32
Benzoic acid
Concen: 6.121 ng
RT: 10.69 min Scan# 1209
Delta R.T. 0.23 min
Lab File: BG028740.D
Acq: 14 Sep 2017 20:01

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

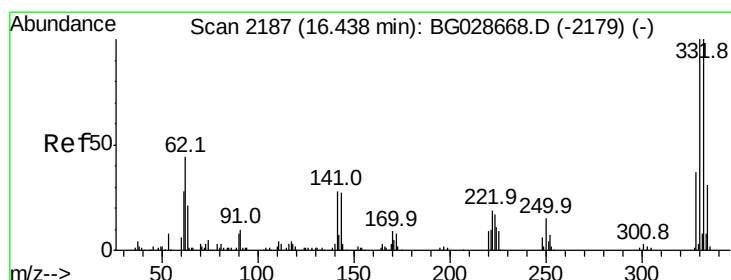
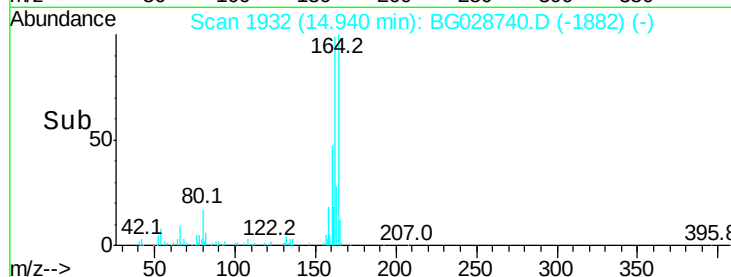
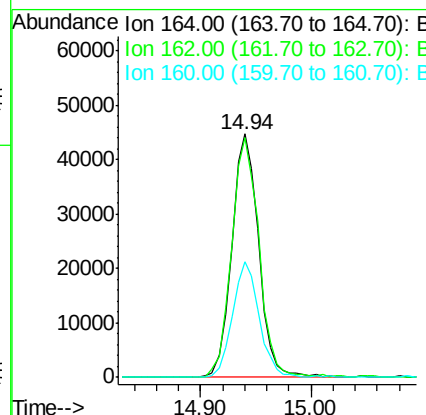
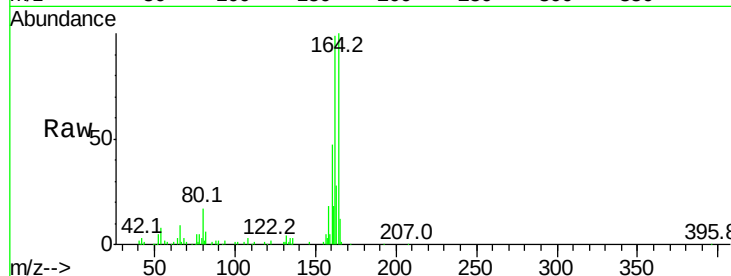




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

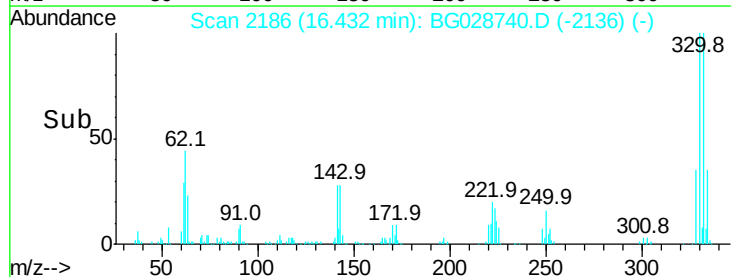
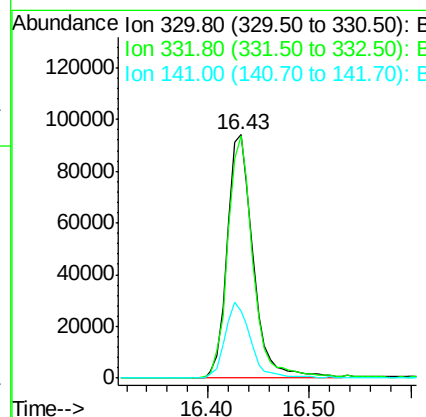
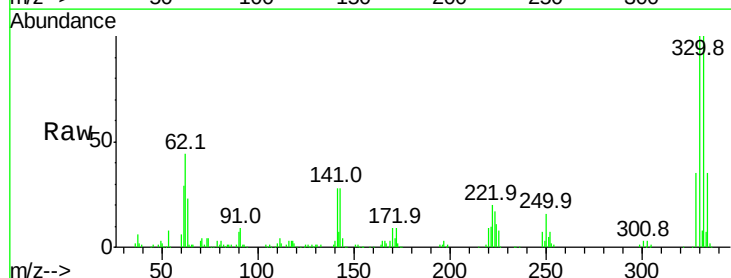
Instrument :
 BNA_G
 ClientSampleId :

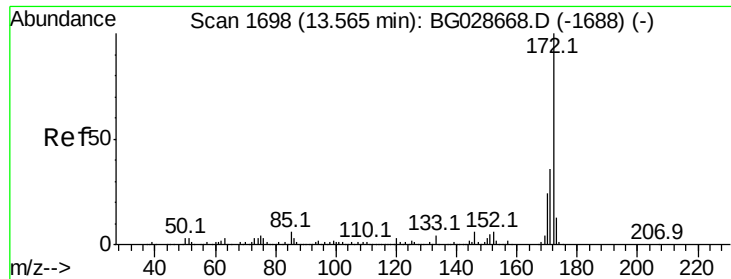
Tot Ion:164 Resp: 75897
 Ion Ratio Lower Upper
 164 100
 162 98.7 85.1 127.7
 160 47.3 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 133.380 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

Tgt Ion:330 Resp: 167430
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 30.3 32.1 48.1#

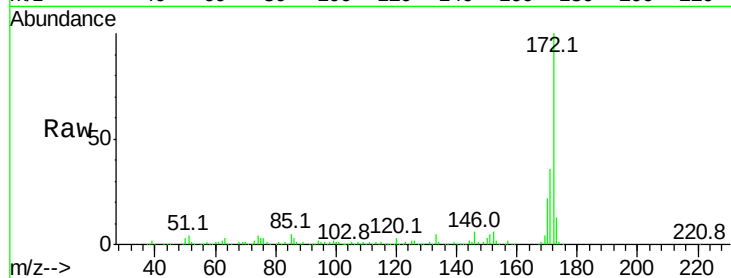




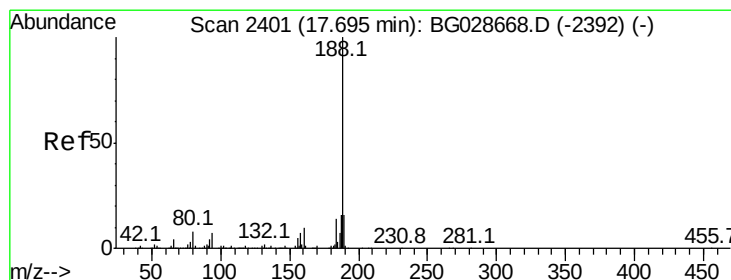
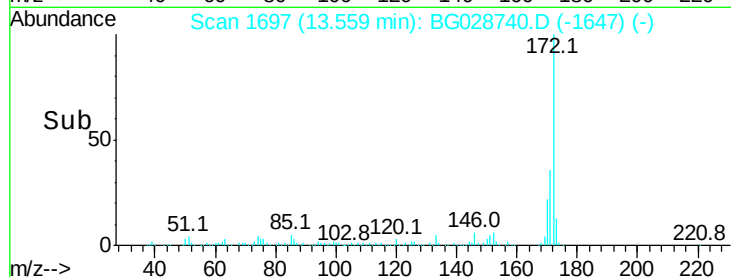
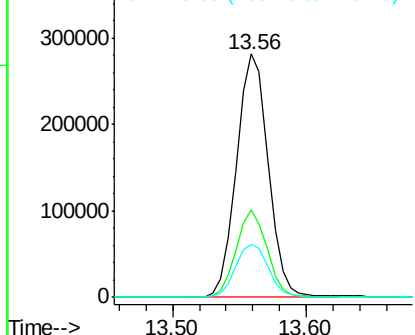
#44
2-Fluorobiphenyl
Concen: 81.609 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028740.D
Acq: 14 Sep 2017 20:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 464512
Ion Ratio Lower Upper
172 100
171 35.7 32.2 48.2
170 21.9 21.8 32.6

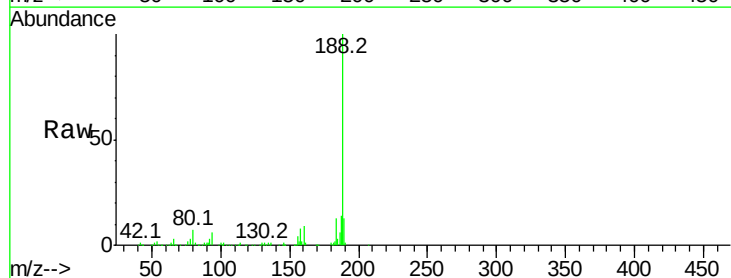


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

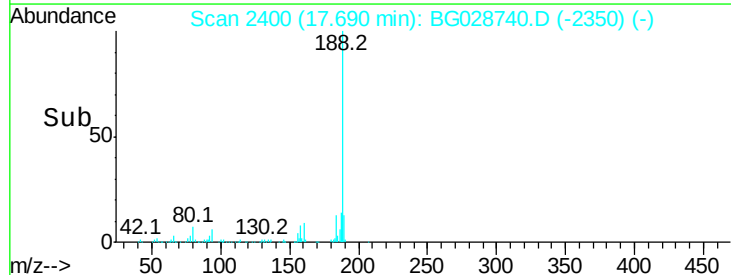
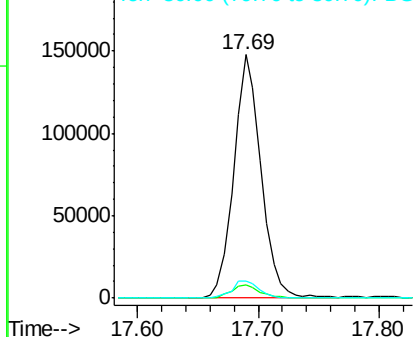


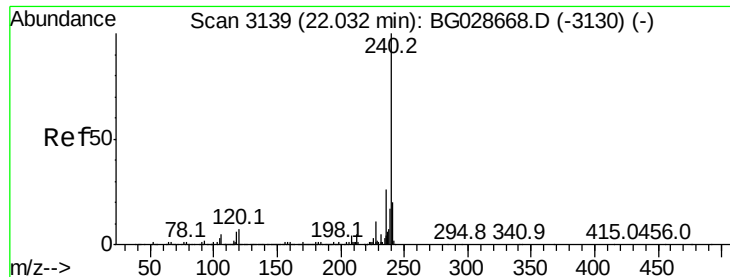
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028740.D
Acq: 14 Sep 2017 20:01

Tgt Ion:188 Resp: 231838
Ion Ratio Lower Upper
188 100
94 5.6 5.8 8.8#
80 7.1 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Instrument :

BNA_G

ClientSampleId :

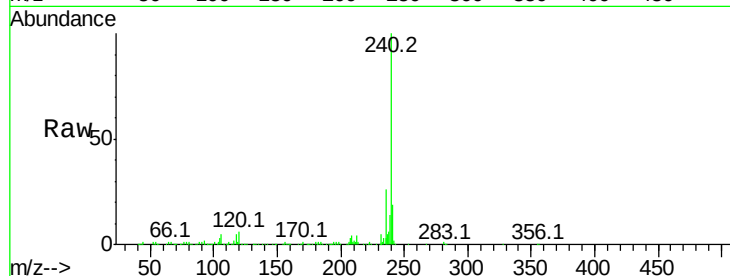
Tot Ion:240 Resp: 272753

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	25.6	22.2	33.4

240 100

120 5.9 5.7 8.5

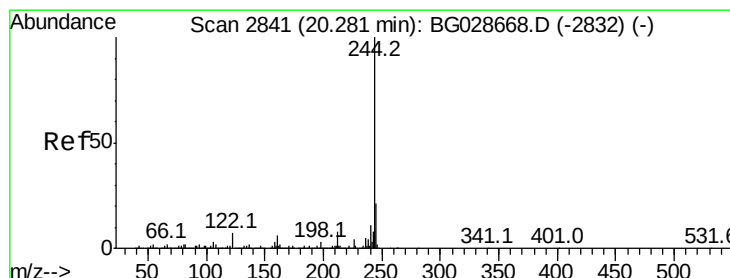
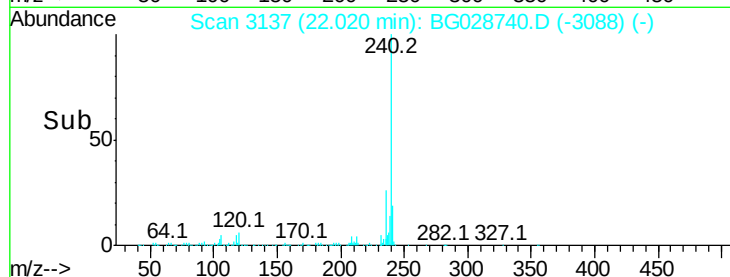
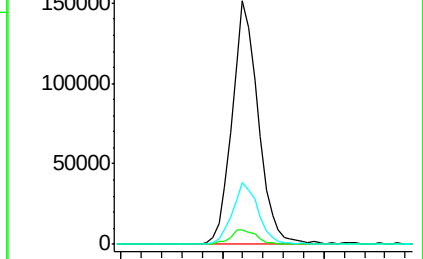
236 25.6 22.2 33.4



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: 79.998 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

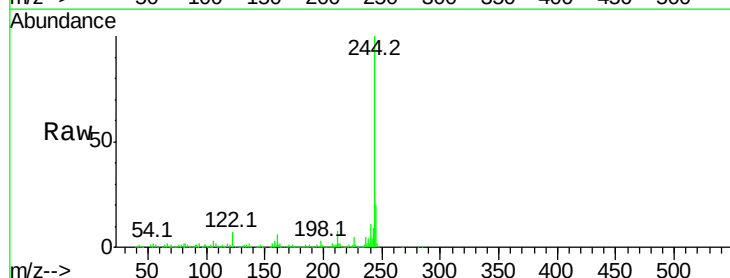
Tgt Ion:244 Resp: 1023160

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.4	8.6	12.8#

244 100

212 7.6 10.0 15.0#

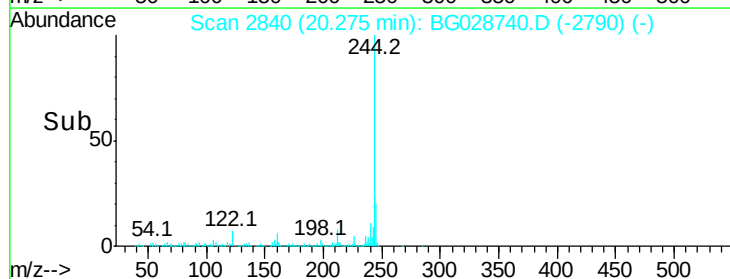
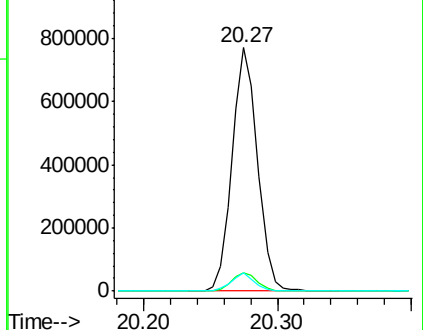
122 7.4 8.6 12.8#

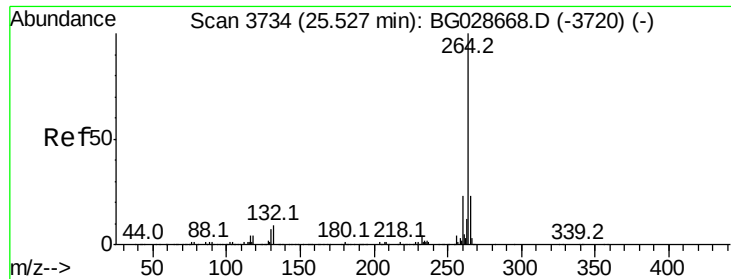


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

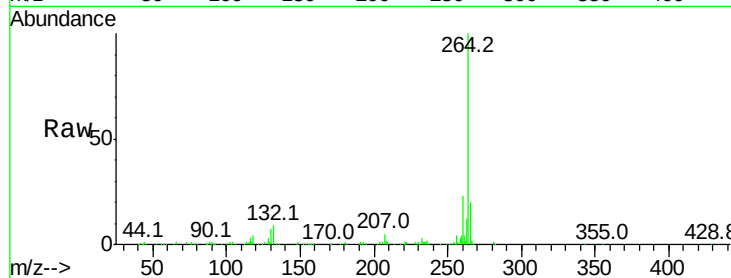




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	20.4	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

