

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028701.D
 Acq On : 13 Sep 2017 16:46
 Operator : SJ/JU
 Sample : I5123-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:37:59 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

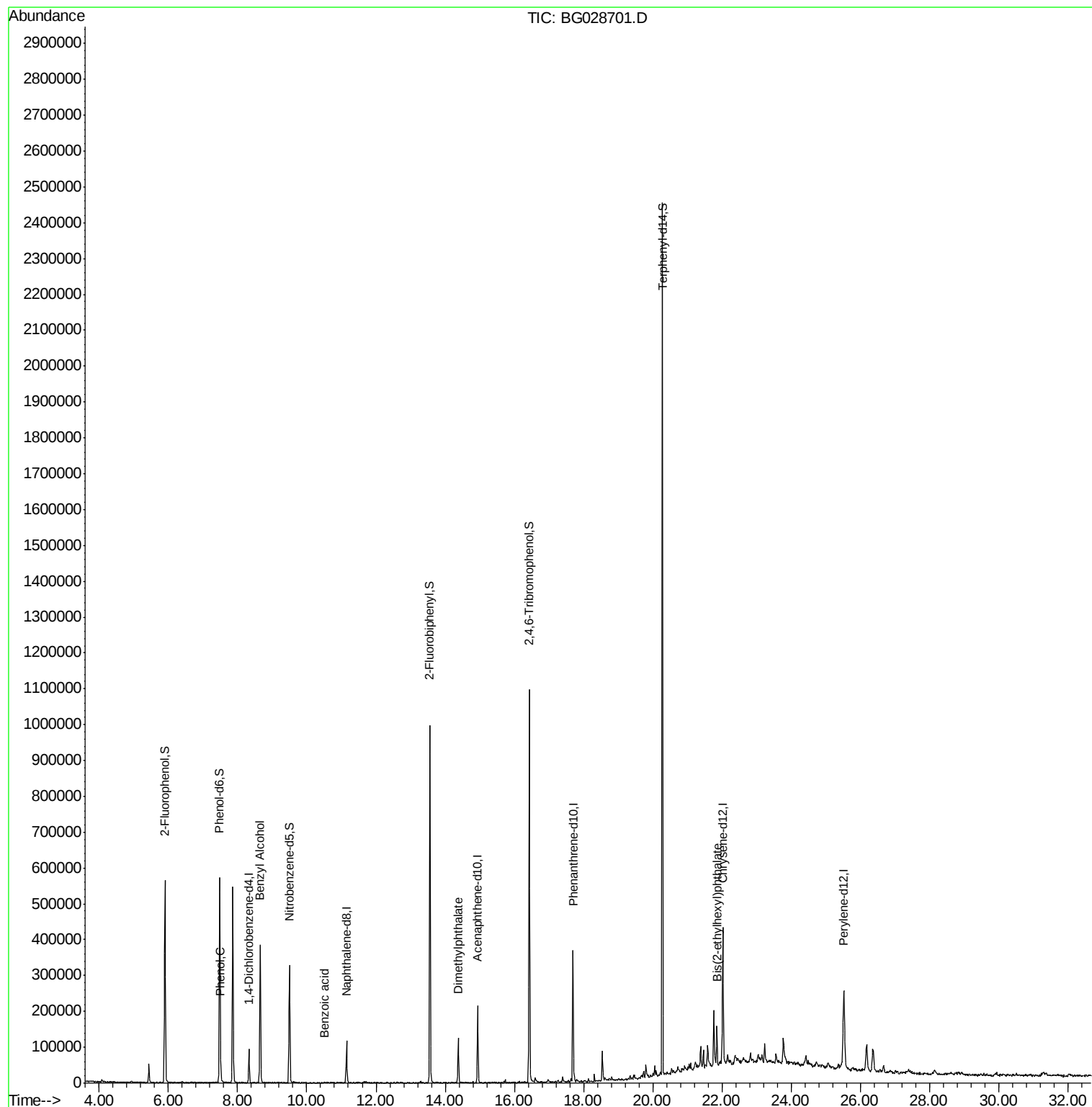
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	25222	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	102963	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	77850	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	233150	20.00	ng	0.00
75) Chrysene-d12	22.02	240	270384	20.00	ng	0.00
86) Perylene-d12	25.53	264	282948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	248086	162.30	ng	0.00
7) Phenol-d6	7.48	99	339658	147.59	ng	0.00
23) Nitrobenzene-d5	9.50	82	213818	99.34	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	234356	182.01	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	542234	92.87	ng	0.00
78) Terphenyl-d14	20.28	244	1101142	86.85	ng	0.00
Target Compounds						
10) Phenol	7.51	94	10354	4.263	ng	94
15) Benzyl Alcohol	8.65	79	3724	2.073	ng	# 58
32) Benzoic acid	10.50	122	155	6.189	ng	# 22
49) Dimethylphthalate	14.37	163	86882	13.309	ng	97
83) Bis(2-ethylhexyl)phthalate	21.85	149	46713	5.217	ng	95

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

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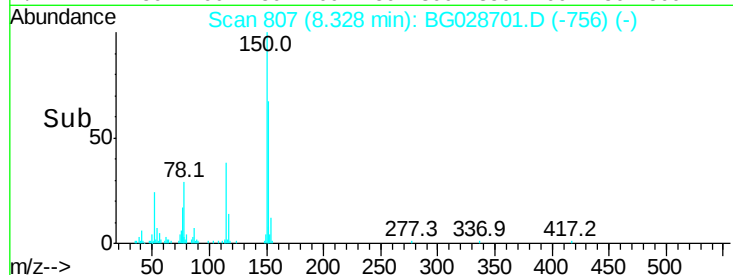
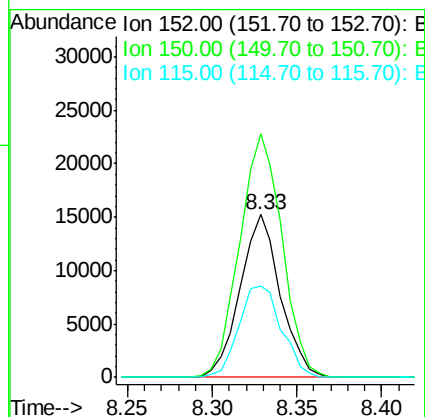
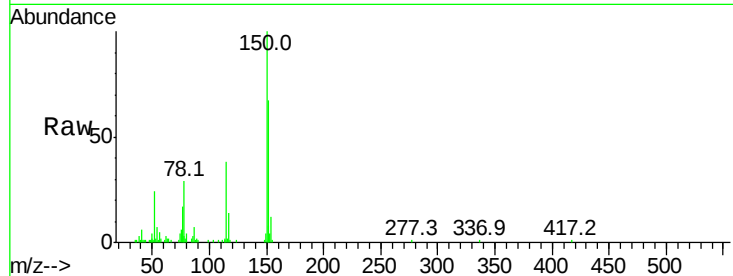


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Instrument :
BNA_G
ClientSampleId :

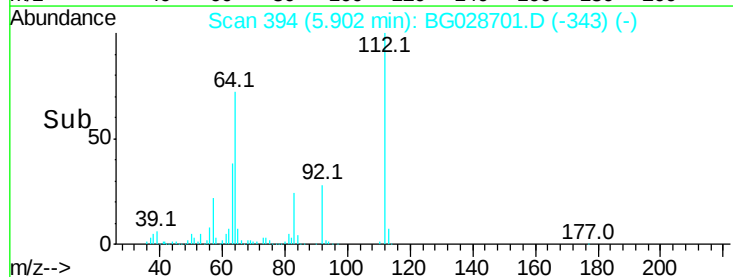
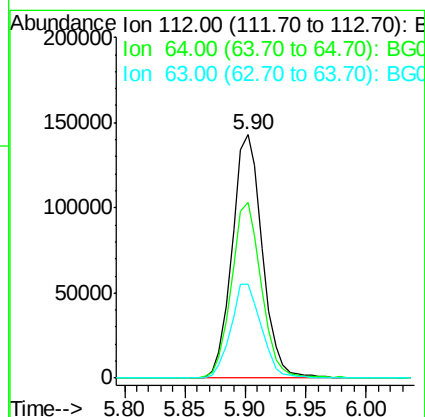
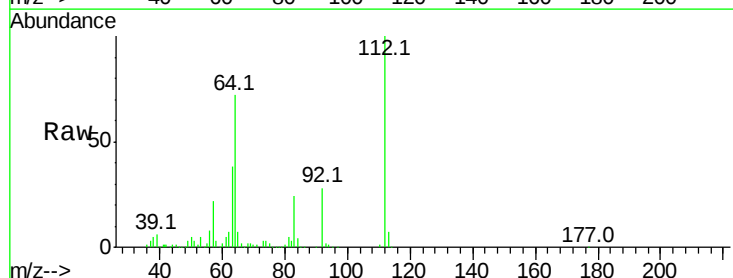
Tot Ion:152 Resp: 25222
Ion Ratio Lower Upper
152 100
150 149.7 114.0 171.0
115 56.2 48.1 72.1



#5

2-Fluorophenol
Concen: 162.300 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Tgt Ion:112 Resp: 248086
Ion Ratio Lower Upper
112 100
64 72.4 61.8 92.6
63 38.4 37.2 55.8





#7

Phenol-d6

Concen: 147.585 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampled :

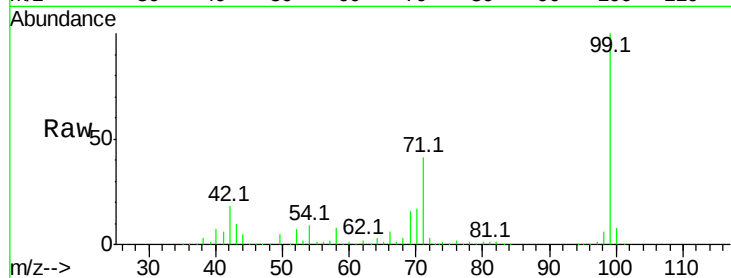
Tot Ion: 99 Resp: 339658

Ion Ratio Lower Upper

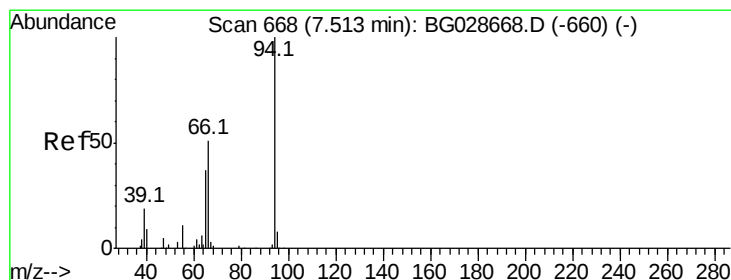
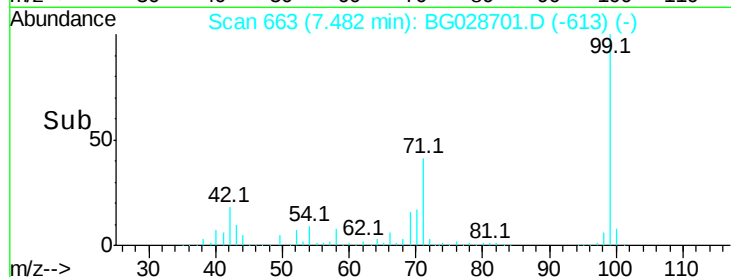
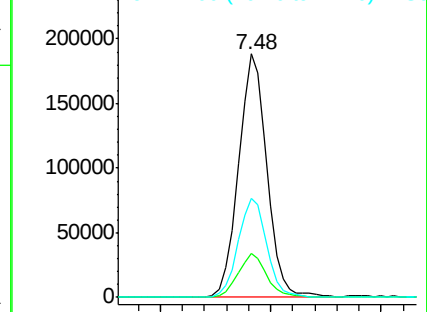
99 100

42 18.1 20.5 30.7#

71 40.6 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: 4.263 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

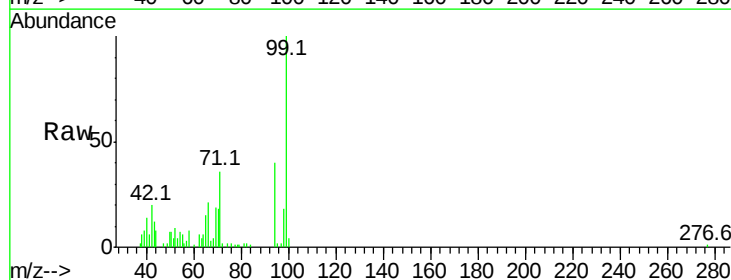
Tgt Ion: 94 Resp: 10354

Ion Ratio Lower Upper

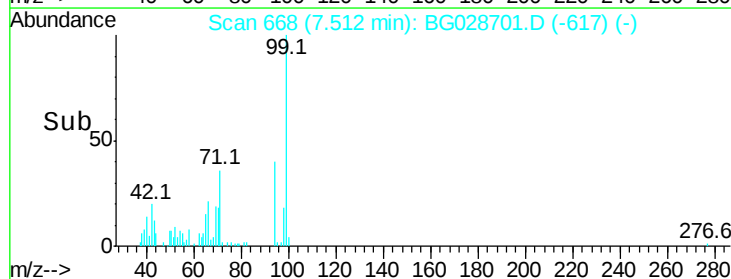
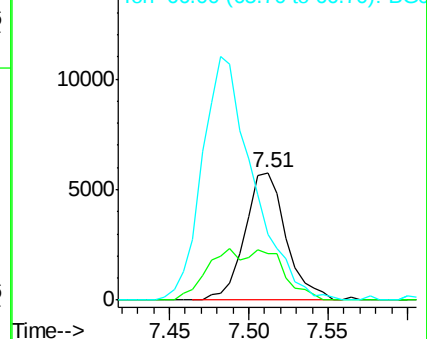
94 100

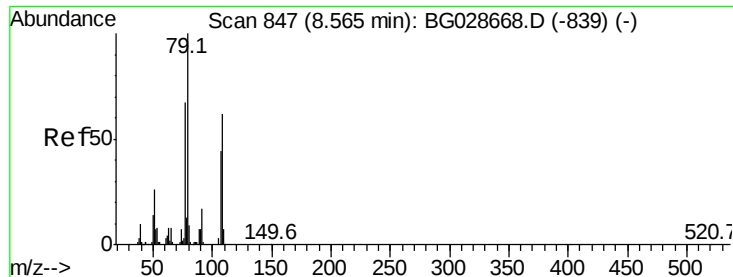
65 36.8 20.6 60.6

66 51.6 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





#15

Benzyl Alcohol

Concen: 2.073 ng

RT: 8.65 min Scan# 861

Delta R.T. 0.08 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampleId :

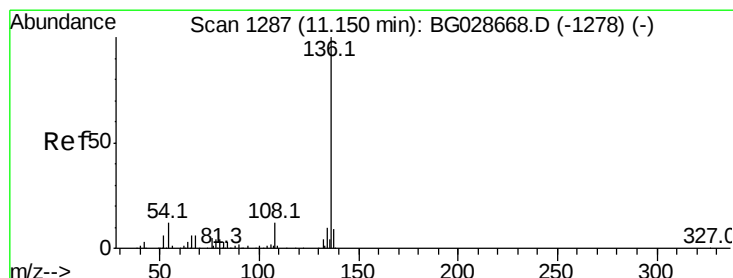
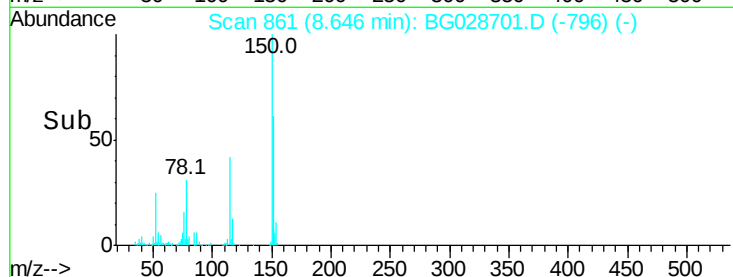
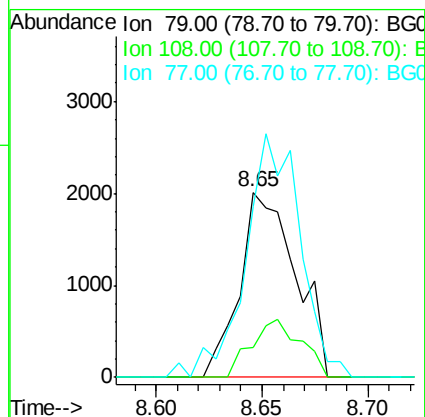
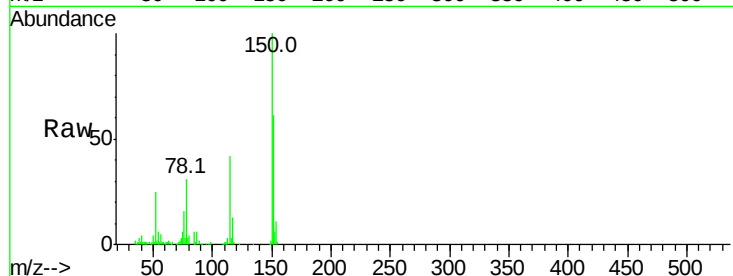
Tot Ion: 79 Resp: 3724

Ion Ratio Lower Upper

79 100

108 15.8 45.5 68.3#

77 91.9 54.3 81.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Tgt Ion: 136 Resp: 102963

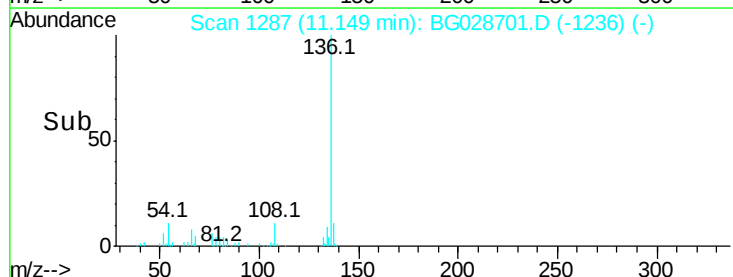
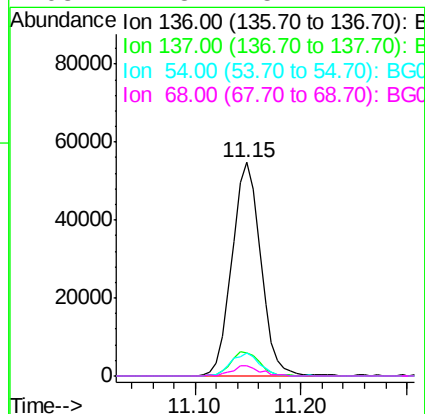
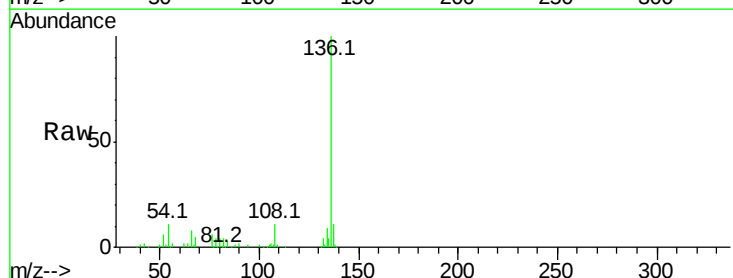
Ion Ratio Lower Upper

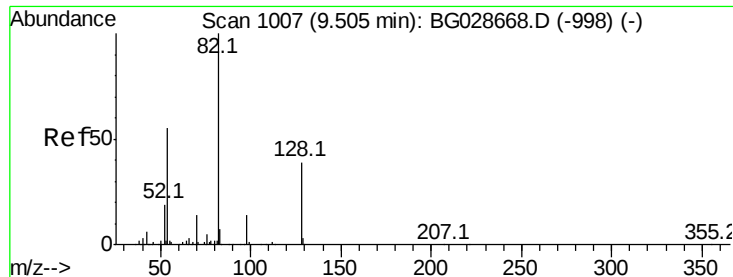
136 100

137 11.0 8.9 13.3

54 10.6 9.3 13.9

68 4.8 5.1 7.7#

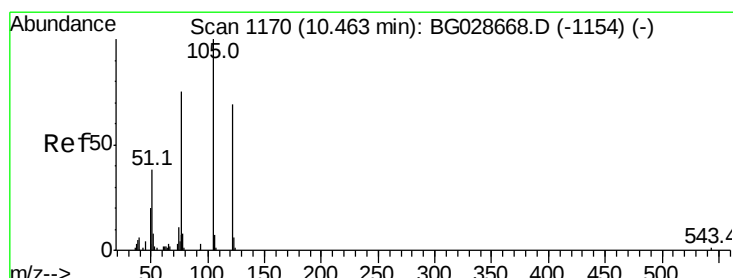
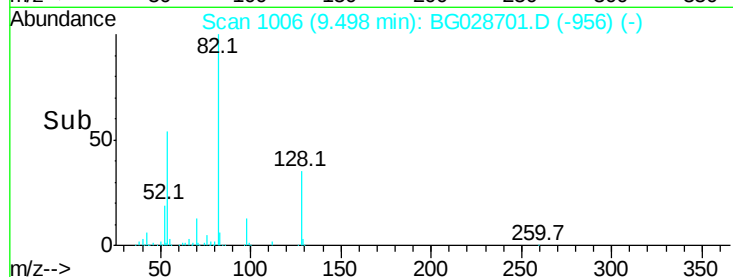
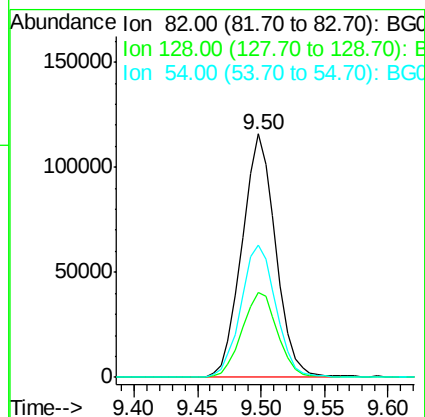
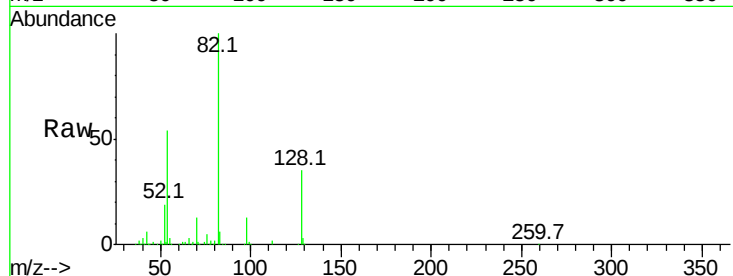




#23
 Nitrobenzene-d5
 Concen: 99.341 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028701.D
 Acq: 13 Sep 2017 16:46

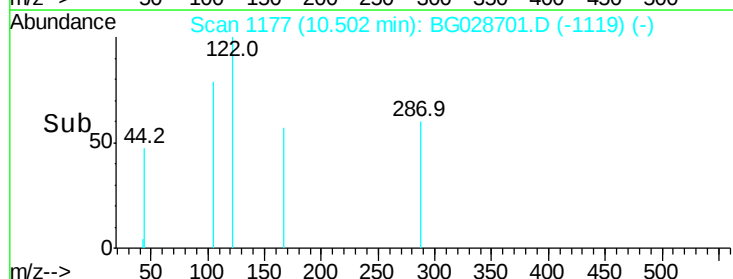
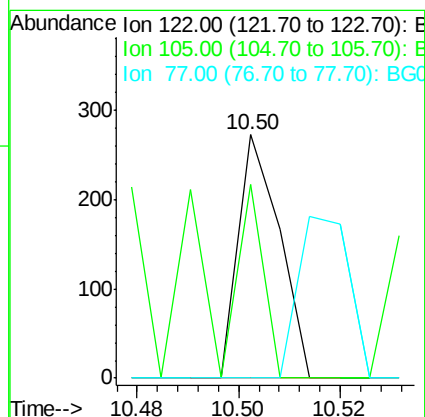
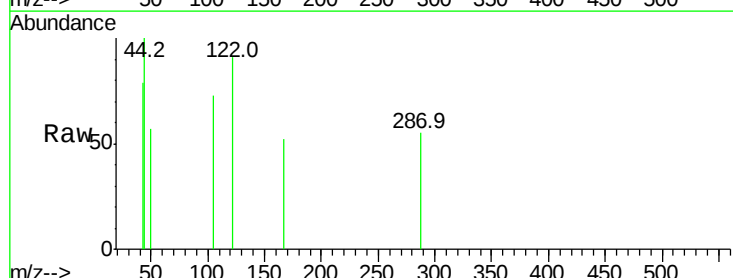
Instrument :
 BNA_G
 ClientSampleId :

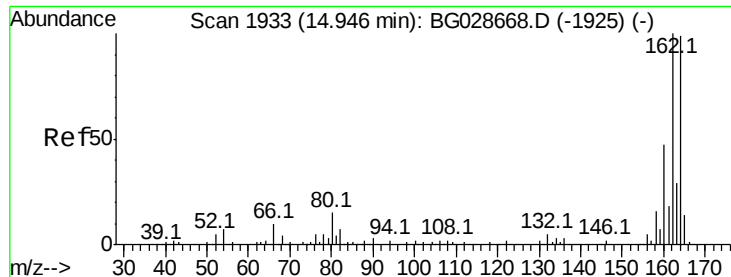
Tot Ion	82	Resp	213818
Ion Ratio	100	Lower	Upper
128	34.8	26.4	39.6
54	54.4	49.4	74.2



#32
 Benzoic acid
 Concen: 6.189 ng
 RT: 10.50 min Scan# 1177
 Delta R.T. 0.04 min
 Lab File: BG028701.D
 Acq: 13 Sep 2017 16:46

Tgt Ion	122	Resp	155
Ion Ratio	100	Lower	Upper
105	79.5	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: BG028701.D

Acq: 13 Sep 2017 16:46

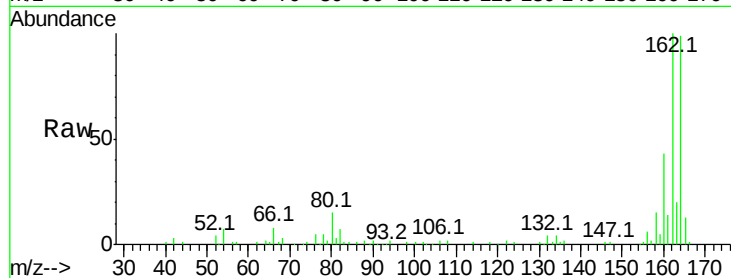
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 77850

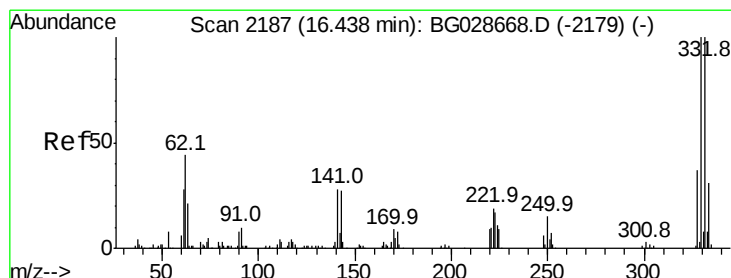
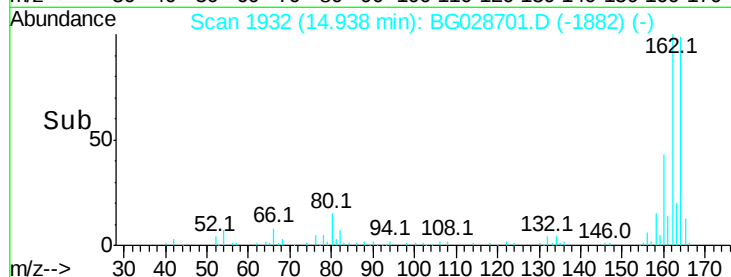
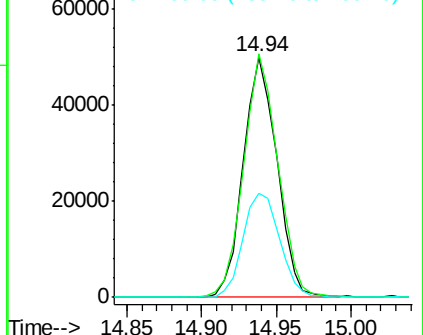
Ion	Ratio	Lower	Upper
164	100		
162	101.3	85.1	127.7
160	43.1	34.7	52.1



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: 182.011 ng

RT: 16.43 min Scan# 2186

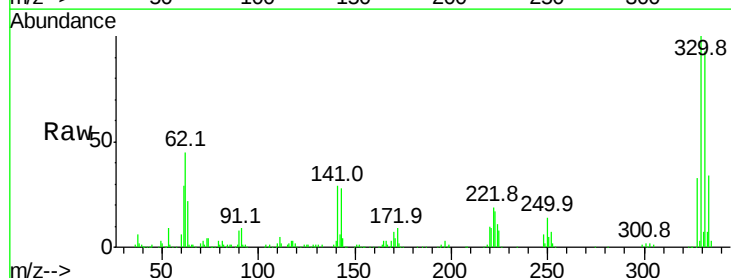
Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Tgt Ion:330 Resp: 234356

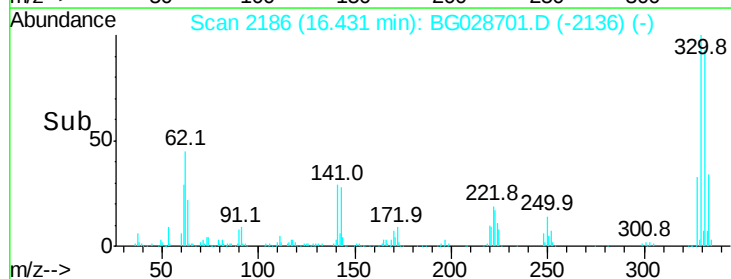
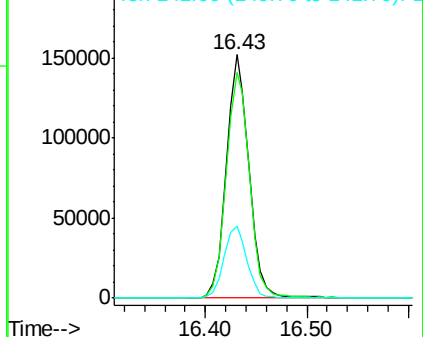
Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	30.0	32.1	48.1

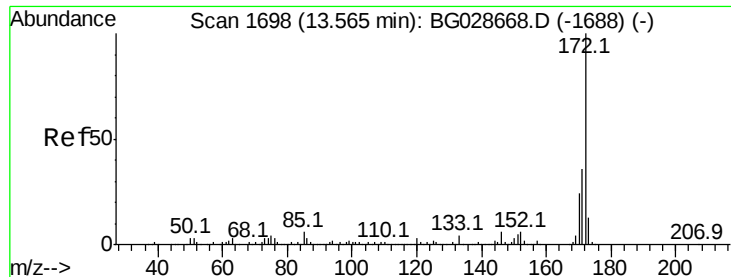


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

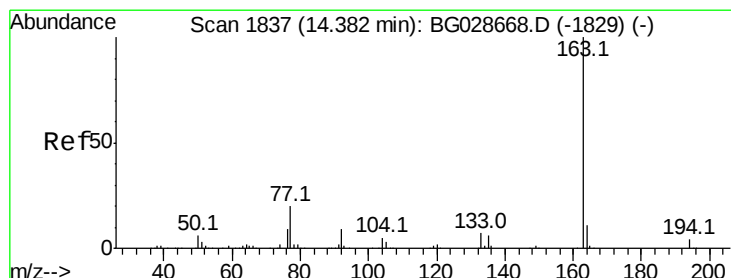
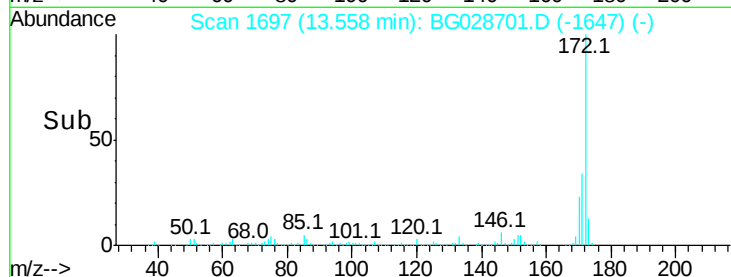
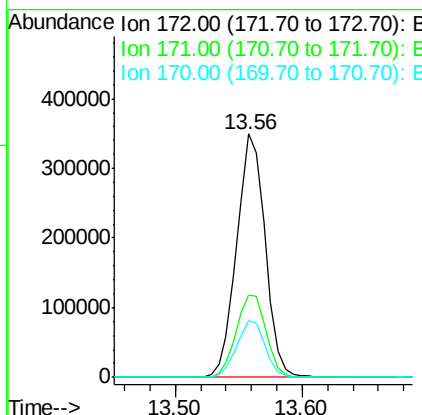
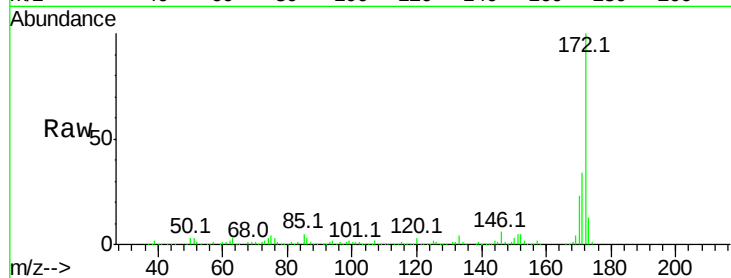




#44
2-Fluorobiphenyl
Concen: 92.874 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

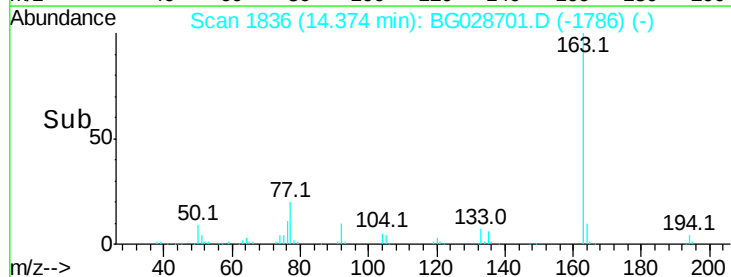
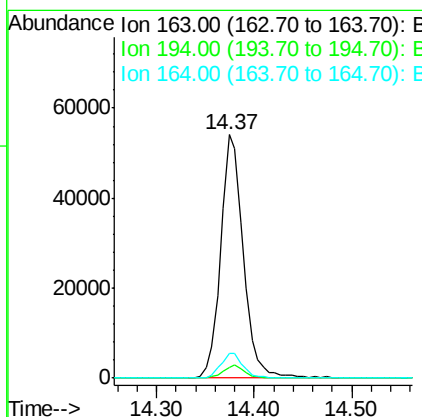
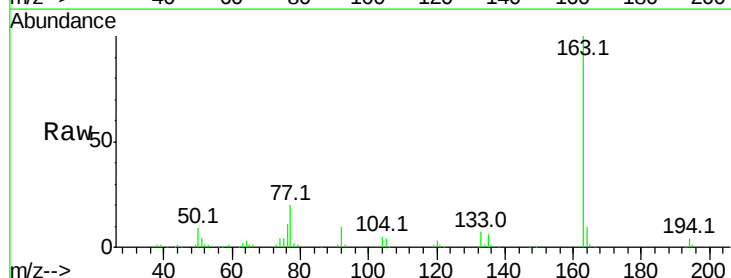
Instrument :
BNA_G
ClientSampled :

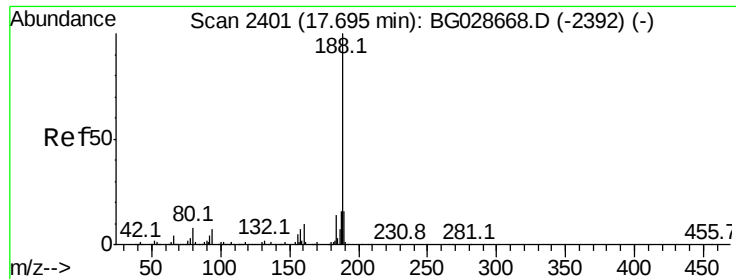
Tot Ion:172 Resp: 542234
Ion Ratio Lower Upper
172 100
171 33.9 32.2 48.2
170 23.4 21.8 32.6



#49
Dimethylphthalate
Concen: 13.309 ng
RT: 14.37 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Tgt Ion:163 Resp: 86882
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.2 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampleId :

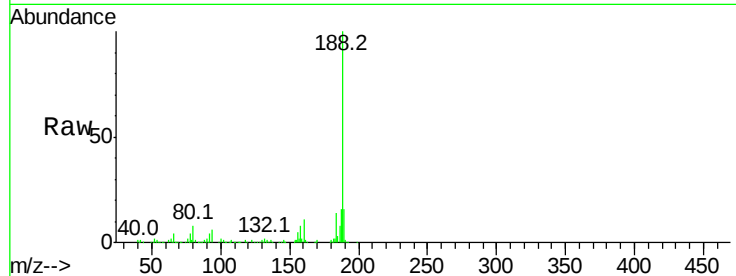
Tot Ion:188 Resp: 233150

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

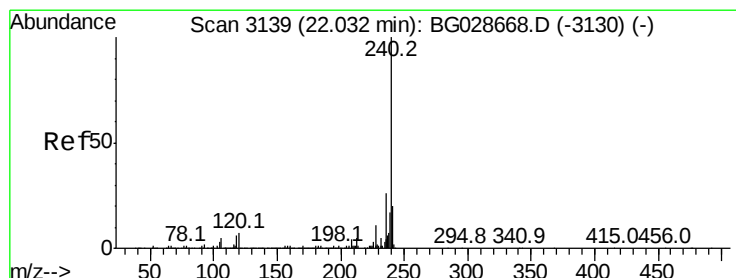
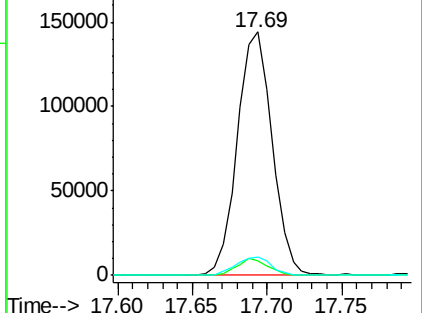
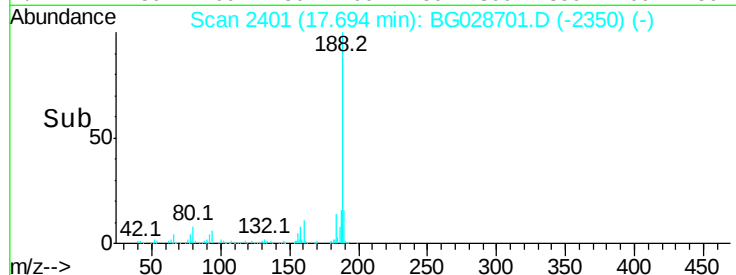
80 7.6 7.5 11.3



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: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

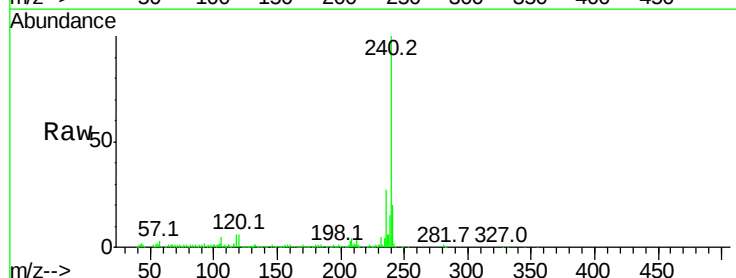
Tgt Ion:240 Resp: 270384

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

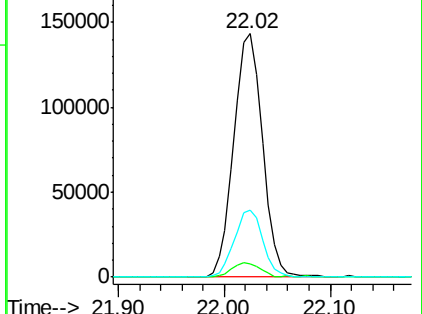
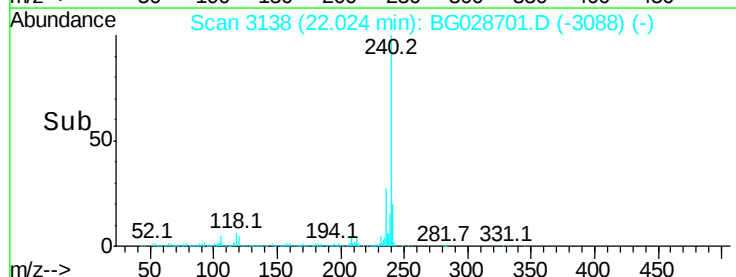
236 27.4 22.2 33.4

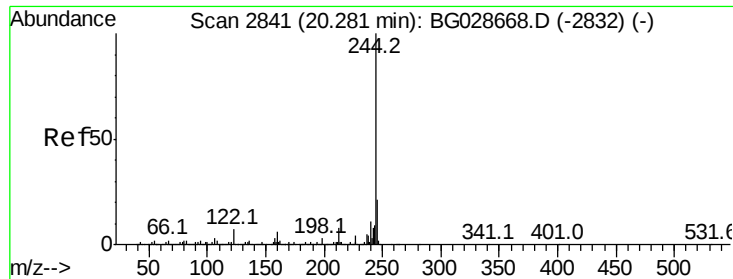


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.849 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

Instrument :

BNA_G

ClientSampleId :

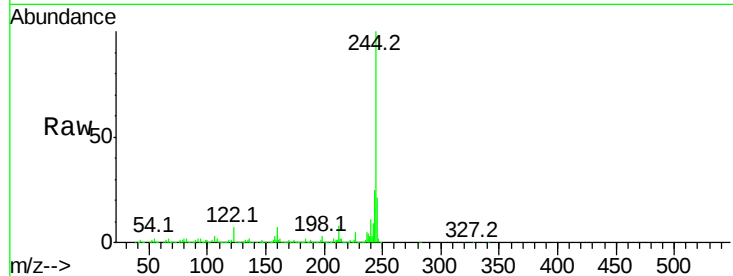
Tot Ion:244 Resp: 1101142

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

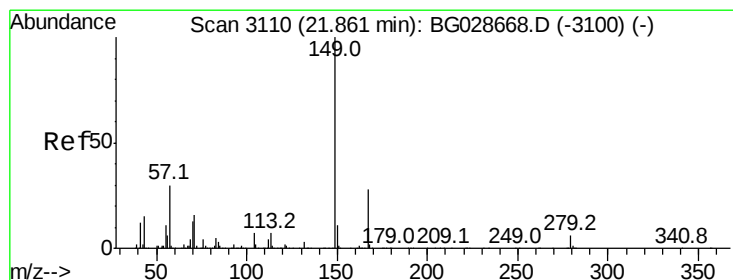
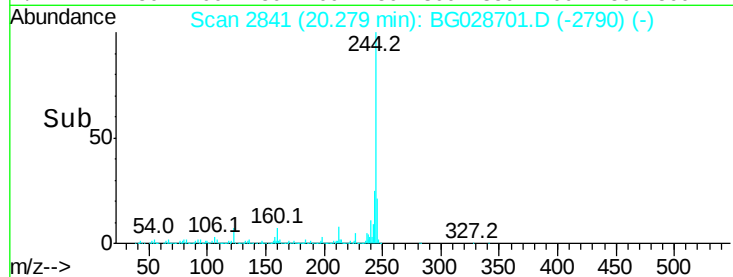
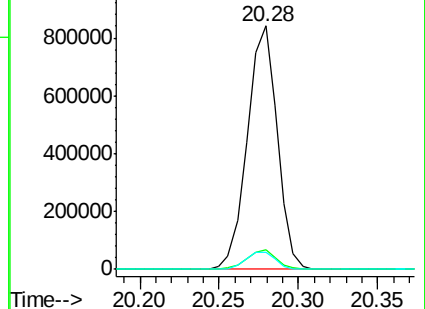
122 6.9 8.6 12.8#



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: 5.217 ng

RT: 21.85 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG028701.D

Acq: 13 Sep 2017 16:46

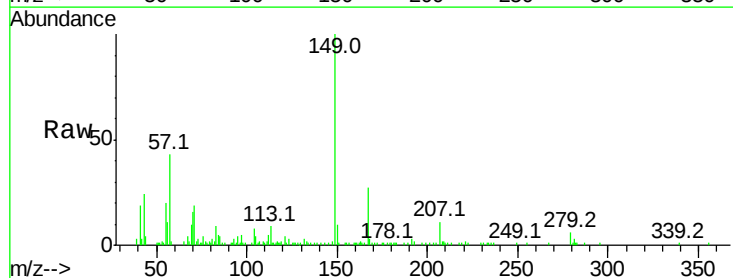
Tgt Ion:149 Resp: 46713

Ion Ratio Lower Upper

149 100

167 26.6 23.7 35.5

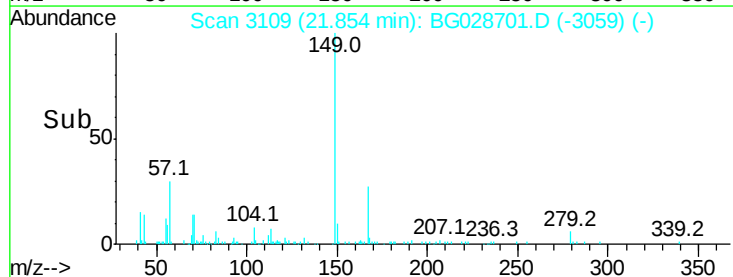
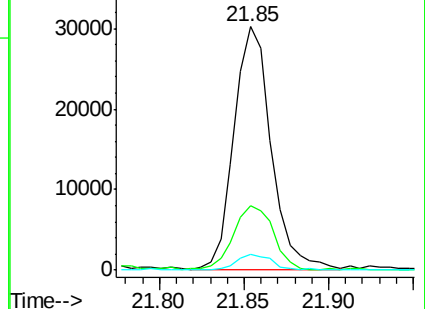
279 6.3 4.6 6.8

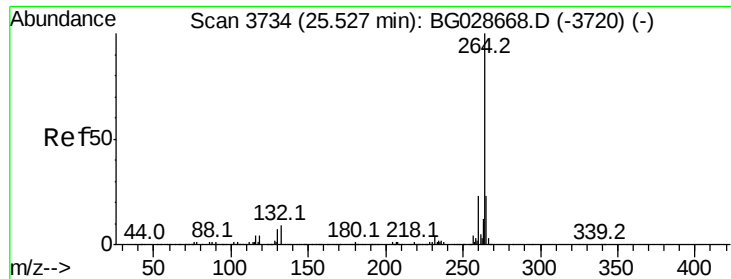


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

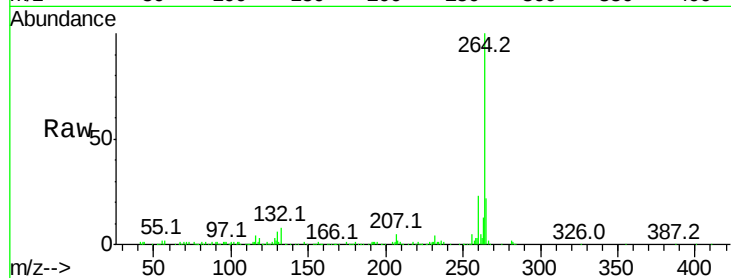




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG028701.D
Acq: 13 Sep 2017 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	21.8	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

