

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028754.D
 Acq On : 15 Sep 2017 5:19
 Operator : SJ/JU
 Sample : I5224-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:57:18 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

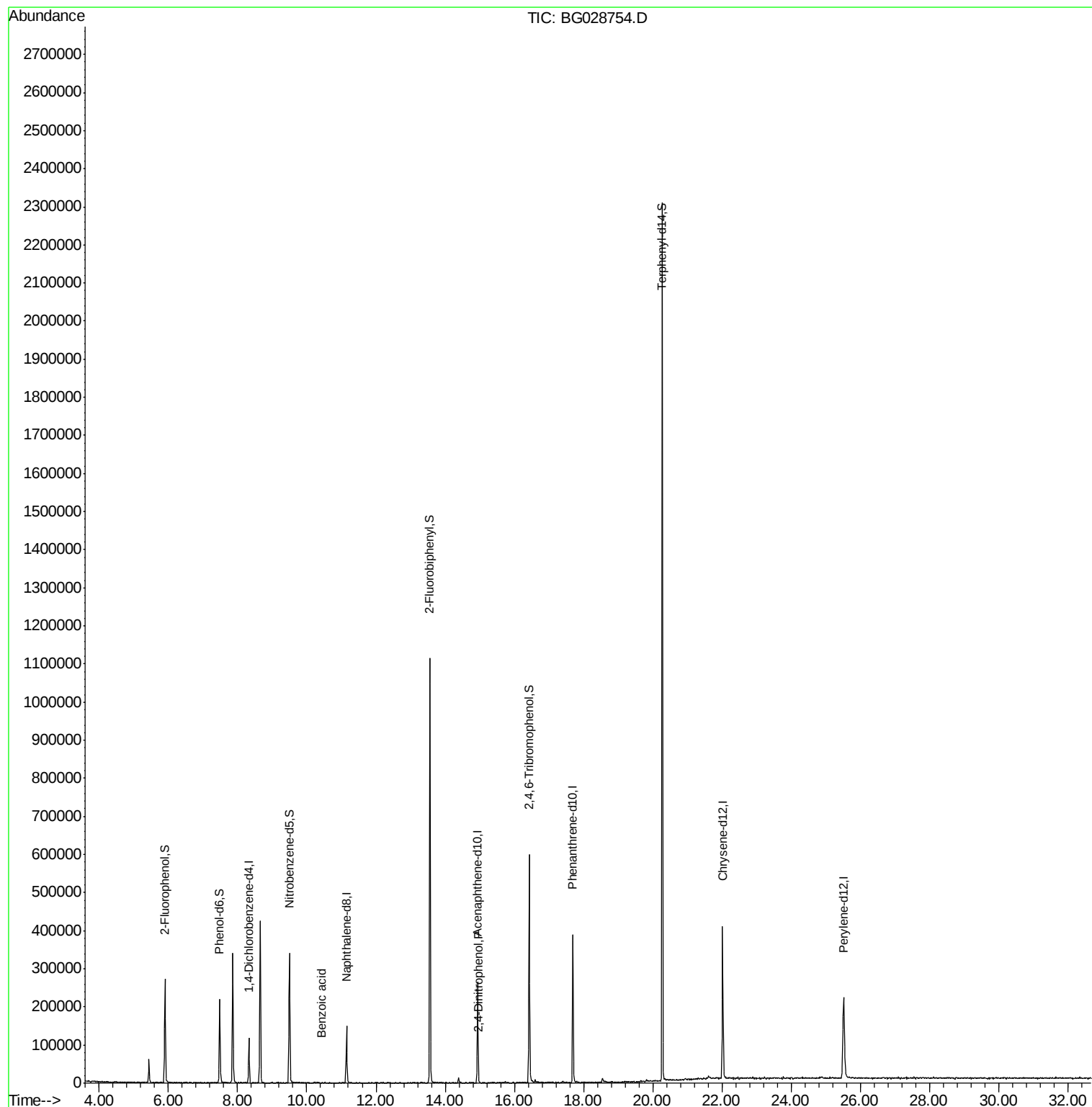
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	33346	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	131079	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	97360	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	262048	20.00	ng	0.00
75) Chrysene-d12	22.02	240	285870	20.00	ng	-0.01
86) Perylene-d12	25.52	264	295663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	117109	57.95	ng	0.00
7) Phenol-d6	7.48	99	136925	45.00	ng	0.00
23) Nitrobenzene-d5	9.50	82	226949	82.83	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	139044	86.35	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	625202	85.63	ng	0.00
78) Terphenyl-d14	20.27	244	1114256	83.12	ng	0.00
Target Compounds						
32) Benzoic acid	10.43	122	86	6.131	ng	# 1
53) 2,4-Dinitrophenol	14.97	184	60	8.058	ng	# 15

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

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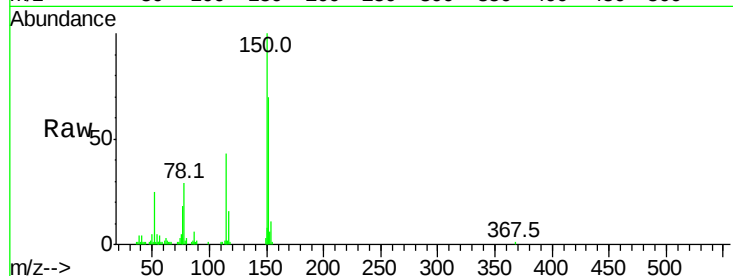


#1

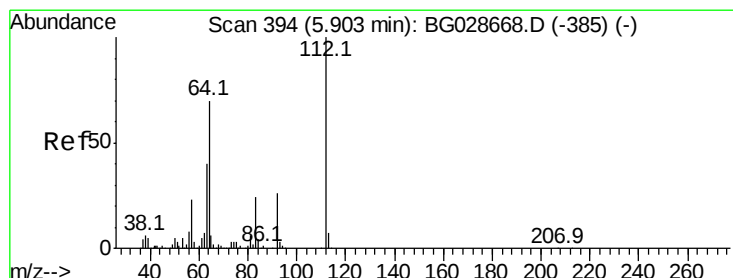
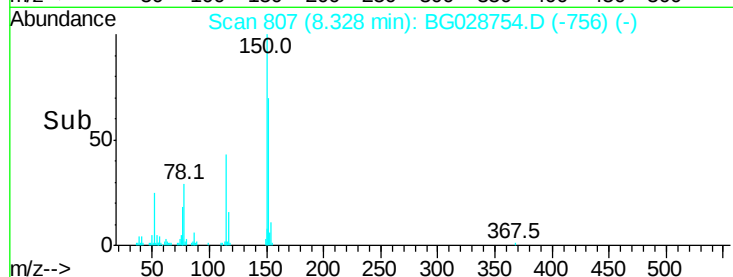
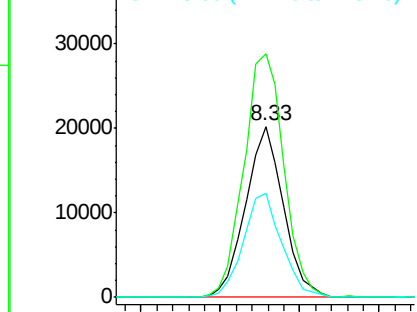
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028754.D
Acq: 15 Sep 2017 5:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	114.0	171.0
115	60.9	48.1	72.1



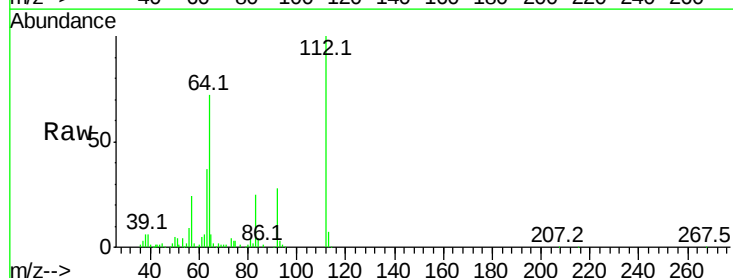
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



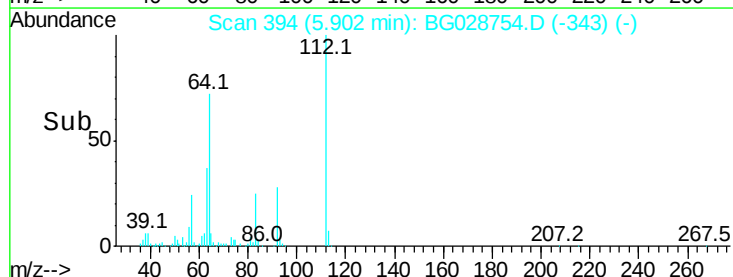
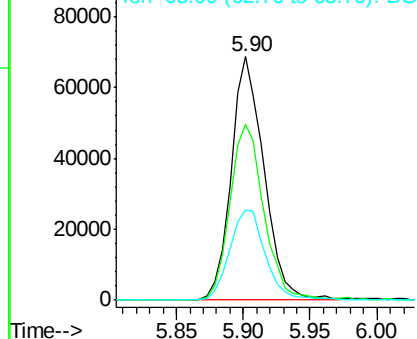
#5

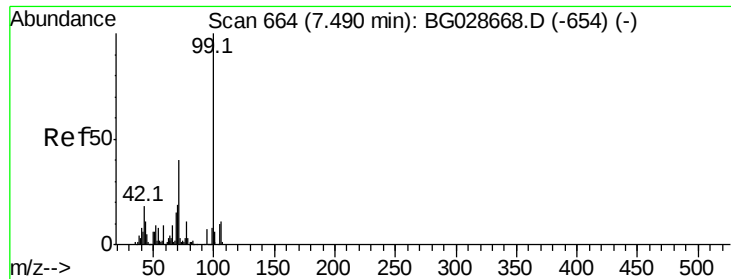
2-Fluorophenol
Concen: 57.949 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028754.D
Acq: 15 Sep 2017 5:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	61.8	92.6
63	37.1	37.2	55.8#



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





#7

Phenol-d6

Concen: 45.001 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028754.D

Acq: 15 Sep 2017 5:19

Instrument :

BNA_G

ClientSampleId :

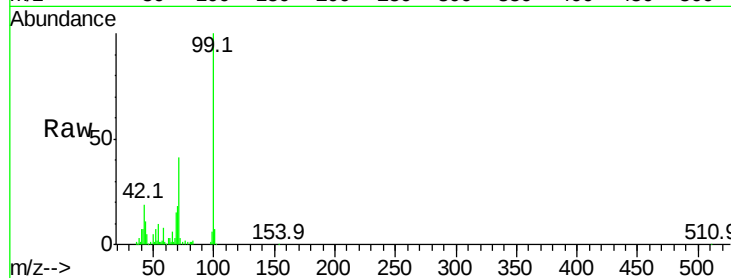
Tot Ion: 99 Resp: 136925

Ion Ratio Lower Upper

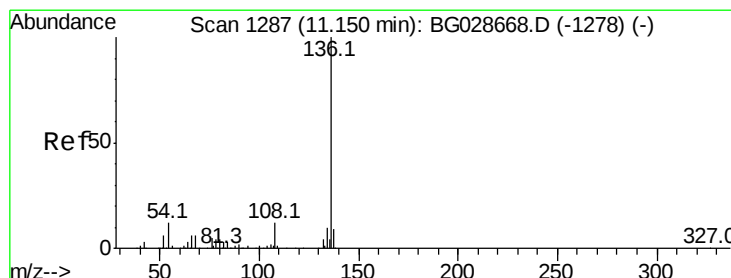
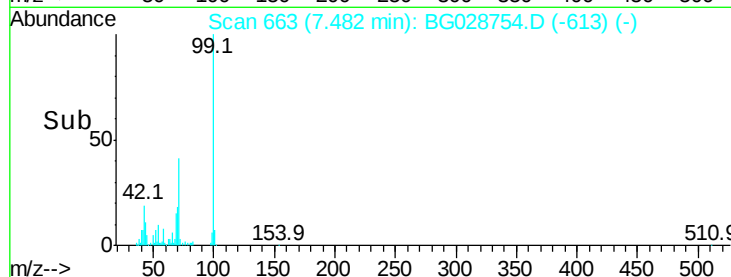
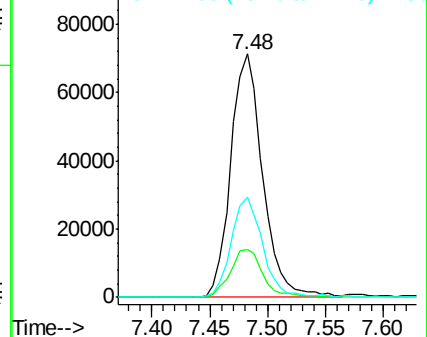
99 100

42 19.4 20.5 30.7#

71 41.1 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: BG028754.D

Acq: 15 Sep 2017 5:19

Tgt Ion: 136 Resp: 131079

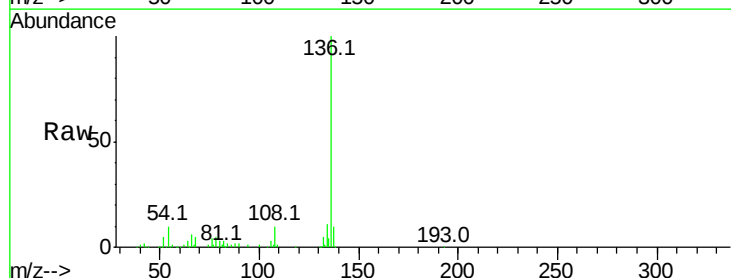
Ion Ratio Lower Upper

136 100

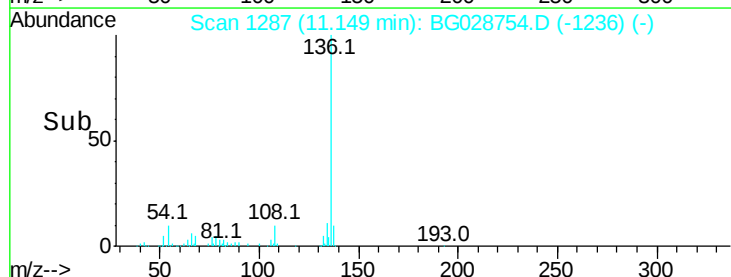
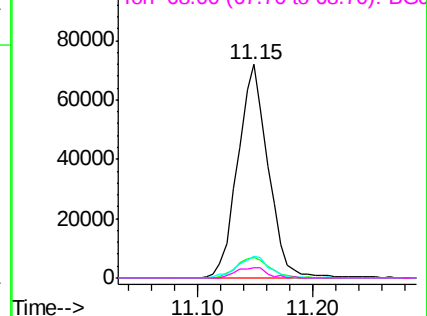
137 9.6 8.9 13.3

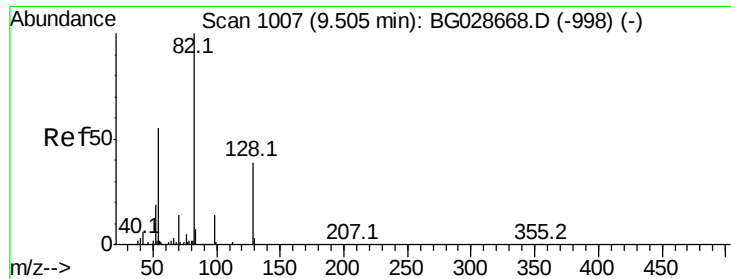
54 10.2 9.3 13.9

68 4.5 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

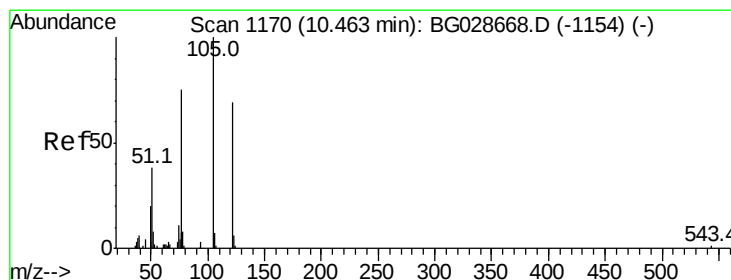
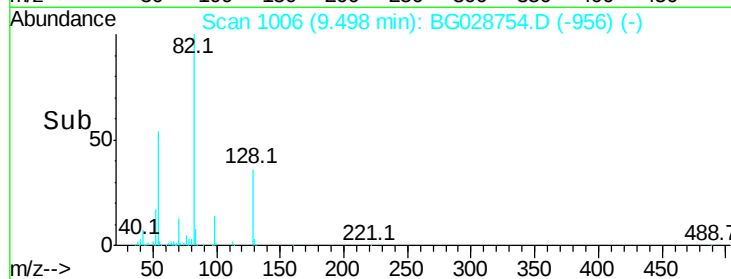
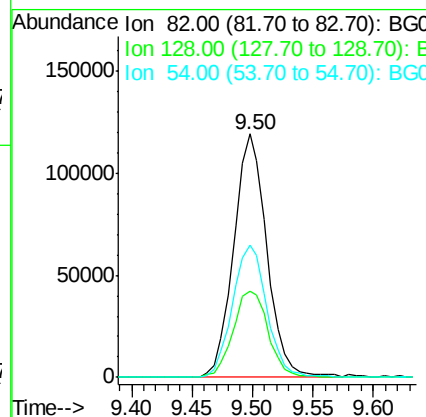
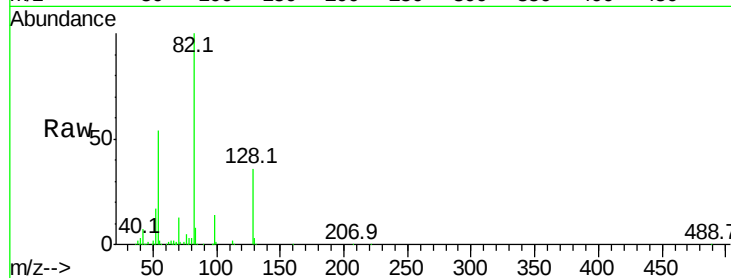




#23
 Nitrobenzene-d5
 Concen: 82.825 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028754.D
 Acq: 15 Sep 2017 5:19

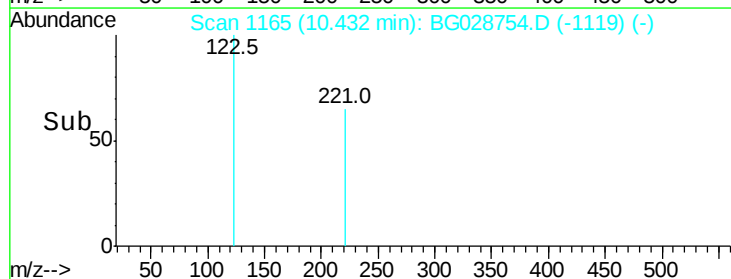
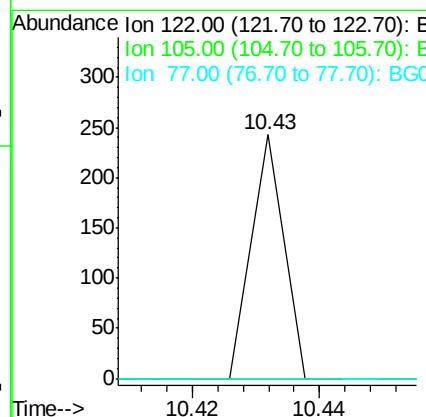
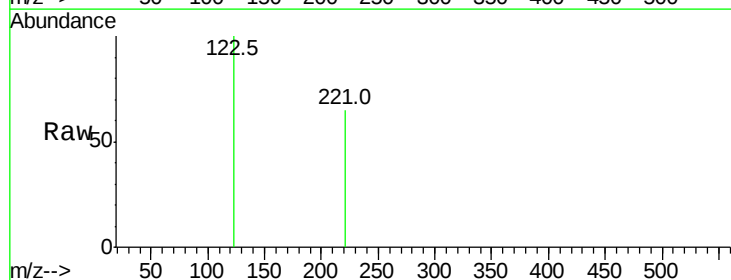
Instrument :
 BNA_G
 ClientSampleId :

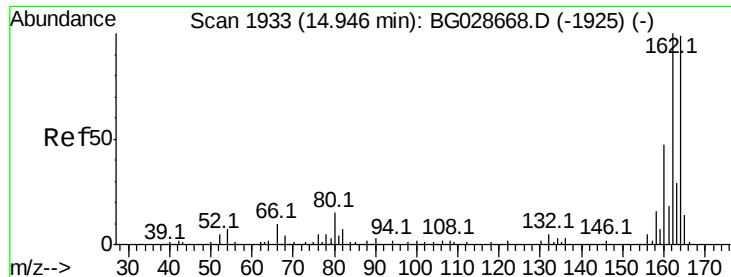
Tot Ion	82	Resp	226949
Ion Ratio	Lower	Upper	
82	100		
128	35.5	26.4	39.6
54	54.2	49.4	74.2



#32
 Benzoic acid
 Concen: 6.131 ng
 RT: 10.43 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BG028754.D
 Acq: 15 Sep 2017 5:19

Tgt Ion	122	Resp	86
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: BG028754.D

Acq: 15 Sep 2017 5:19

Instrument :

BNA_G

ClientSampleId :

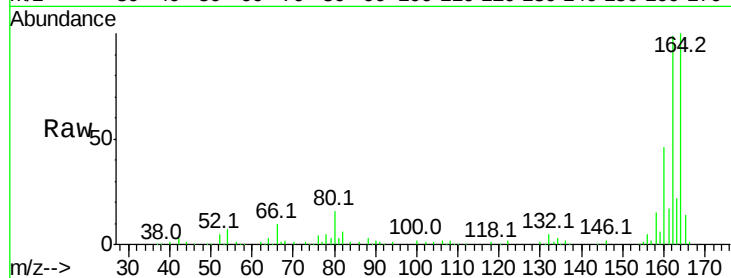
Tot Ion:164 Resp: 97360

Ion Ratio Lower Upper

164 100

162 99.1 85.1 127.7

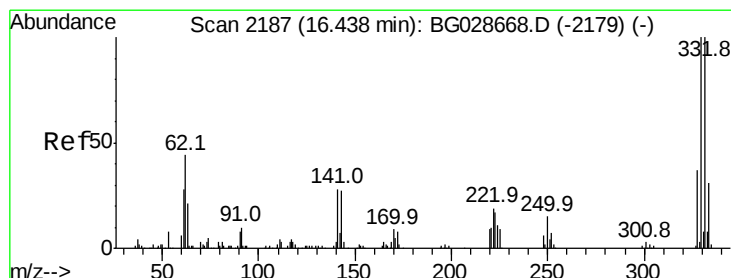
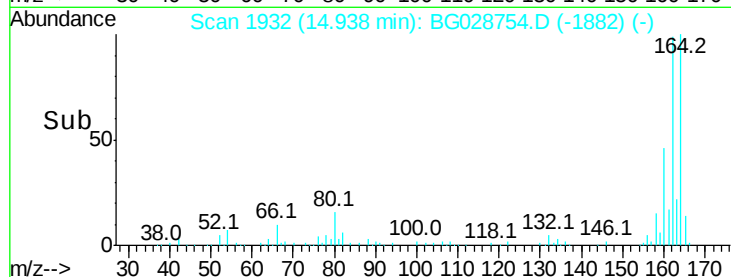
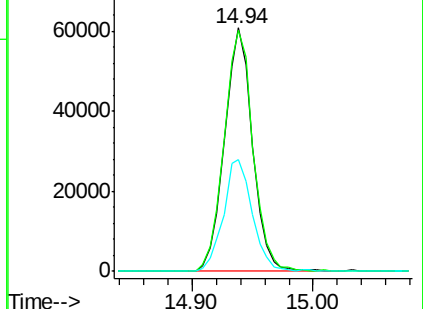
160 45.9 34.7 52.1



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: 86.348 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028754.D

Acq: 15 Sep 2017 5:19

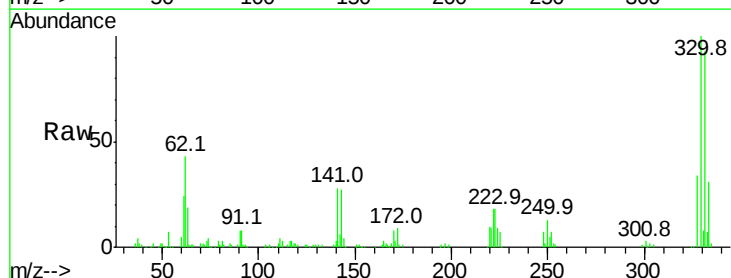
Tgt Ion:330 Resp: 139044

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

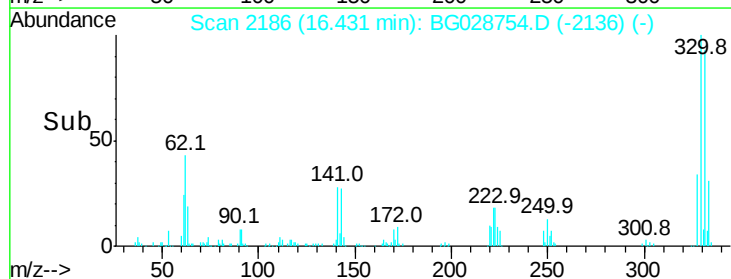
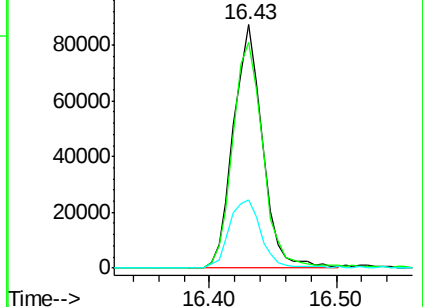
141 31.0 32.1 48.1#

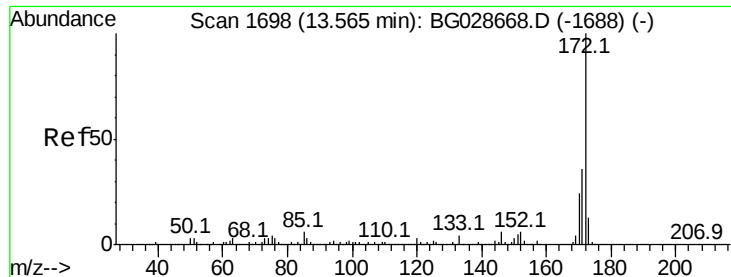


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

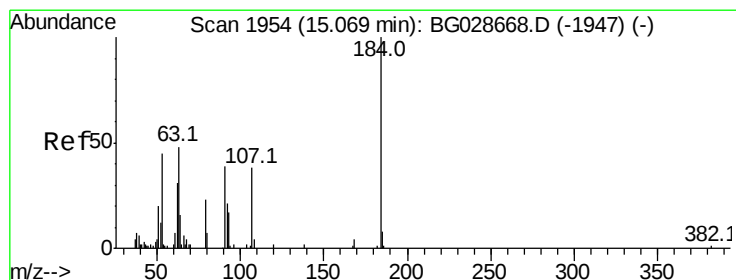
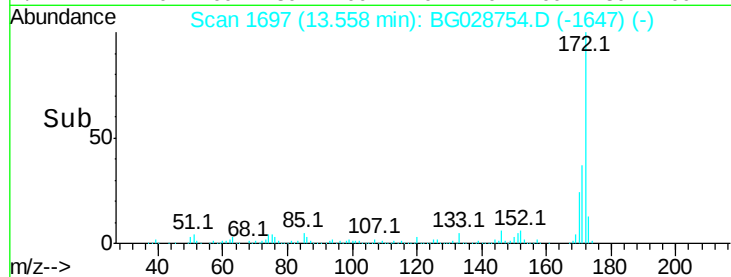
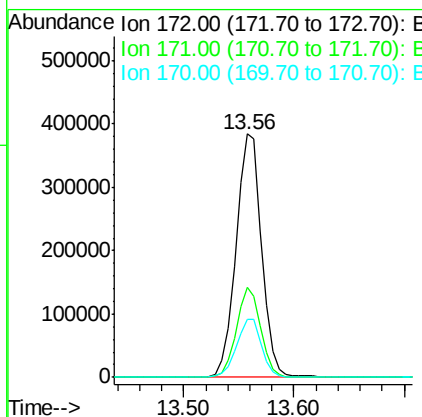
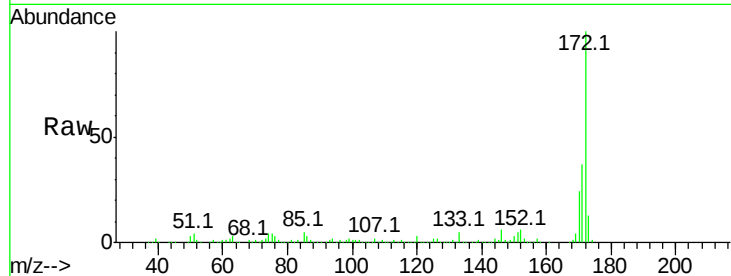




#44
 2-Fluorobiphenyl
 Concen: 85.626 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028754.D
 Acq: 15 Sep 2017 5:19

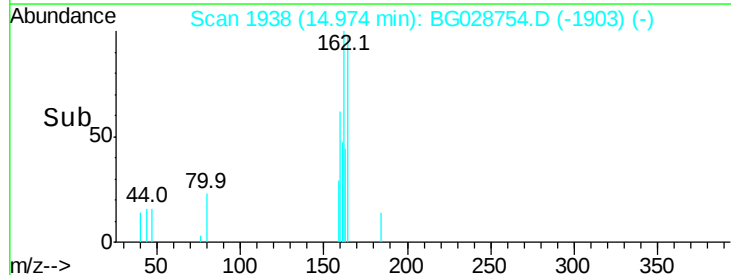
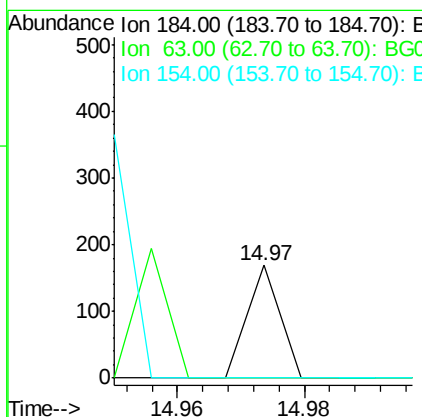
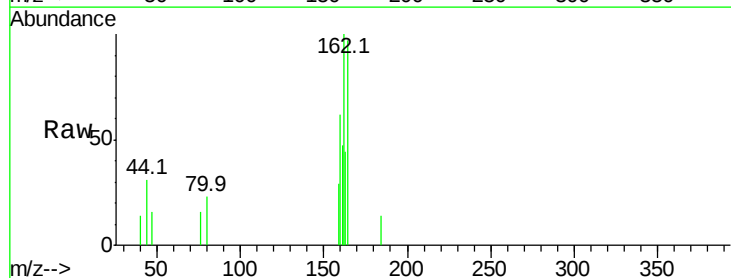
Instrument :
 BNA_G
 ClientSampleId :

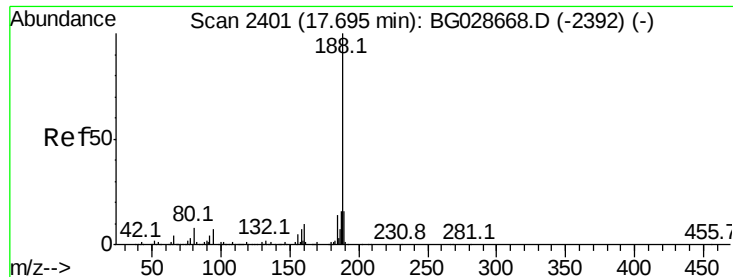
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	23.9	21.8	32.6



#53
 2,4-Dinitrophenol
 Concen: 8.058 ng
 RT: 14.97 min Scan# 1938
 Delta R.T. -0.10 min
 Lab File: BG028754.D
 Acq: 15 Sep 2017 5:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028754.D

Acq: 15 Sep 2017 5:19

Instrument :

BNA_G

ClientSampleId :

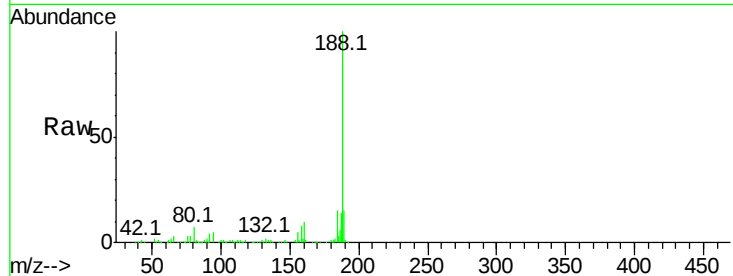
Tot Ion:188 Resp: 262048

Ion Ratio Lower Upper

188 100

94 5.3 5.8 8.8#

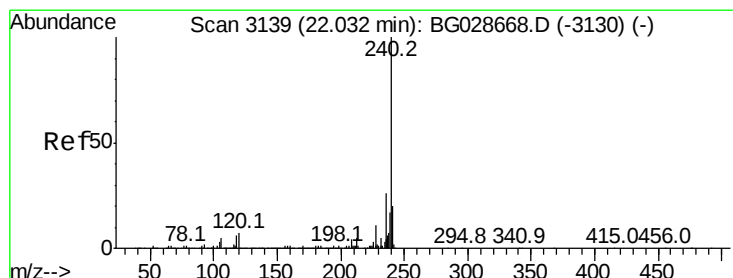
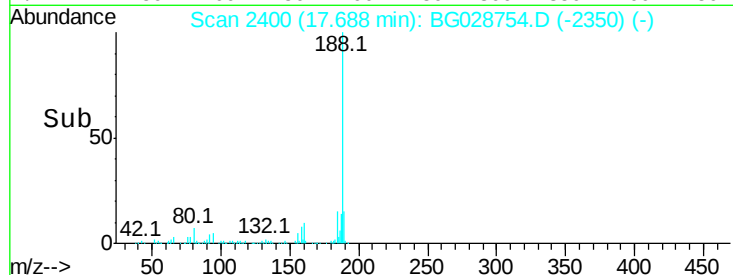
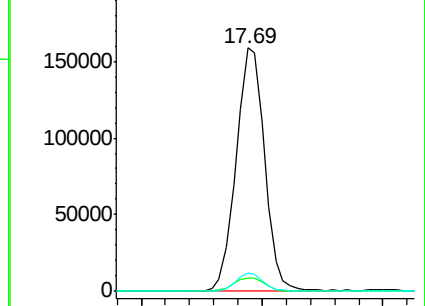
80 7.3 7.5 11.3#



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# 3137

Delta R.T. -0.01 min

Lab File: BG028754.D

Acq: 15 Sep 2017 5:19

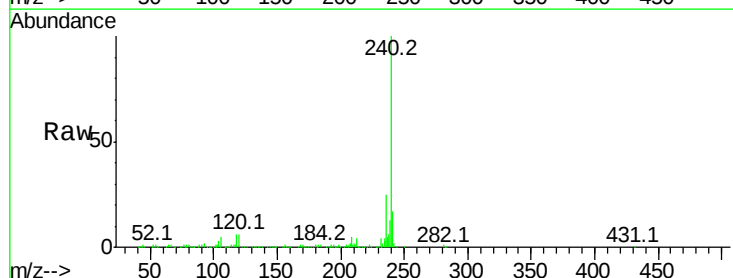
Tgt Ion:240 Resp: 285870

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

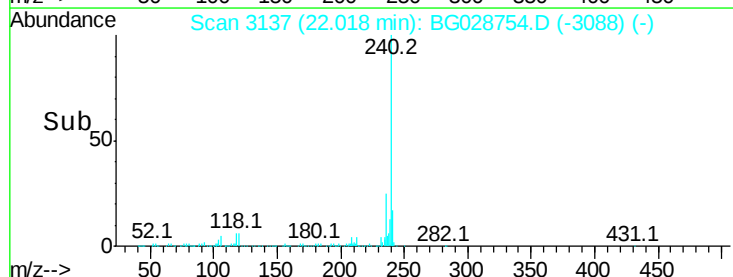
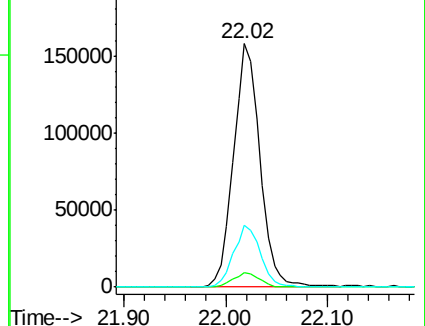
236 25.3 22.2 33.4

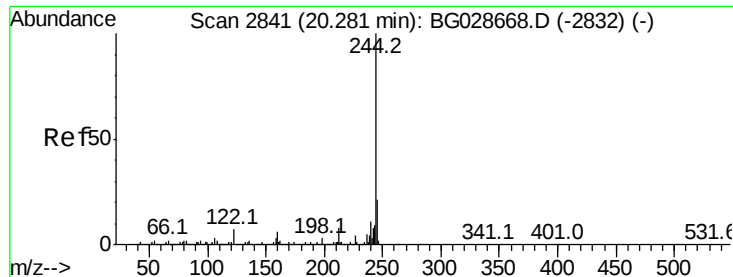


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.123 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028754.D

Acq: 15 Sep 2017 5:19

Instrument :

BNA_G

ClientSampleId :

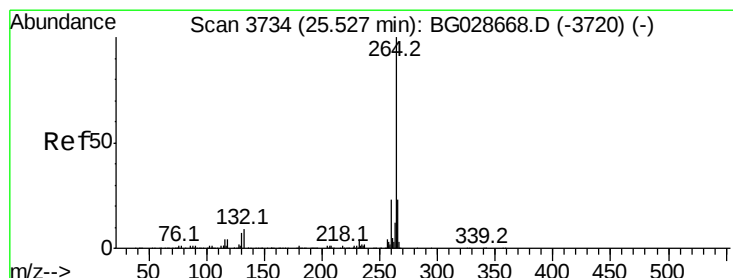
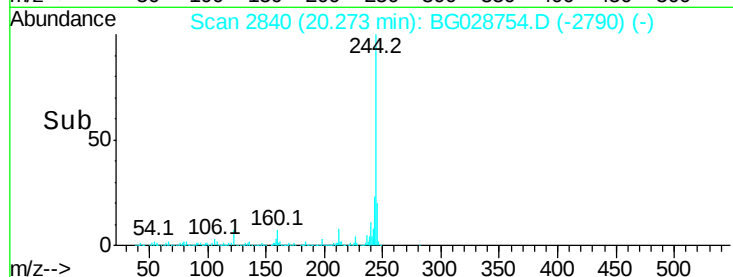
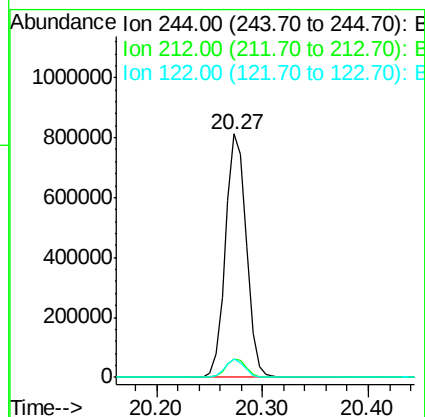
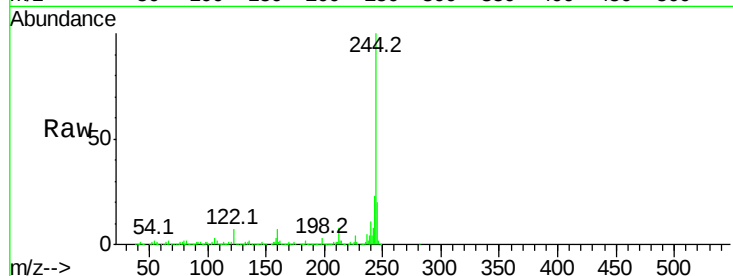
Tot Ion:244 Resp: 1114256

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.4	8.6	12.8#

244 100

212 7.8 10.0 15.0#

122 7.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028754.D

Acq: 15 Sep 2017 5:19

Tgt Ion:264 Resp: 295663

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	20.4	18.2	27.4

264 100

260 22.5 21.8 32.8

265 20.4 18.2 27.4

