

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028884.D
 Acq On : 22 Sep 2017 21:20
 Operator : SJ/JU
 Sample : I5301-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 23:39:09 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

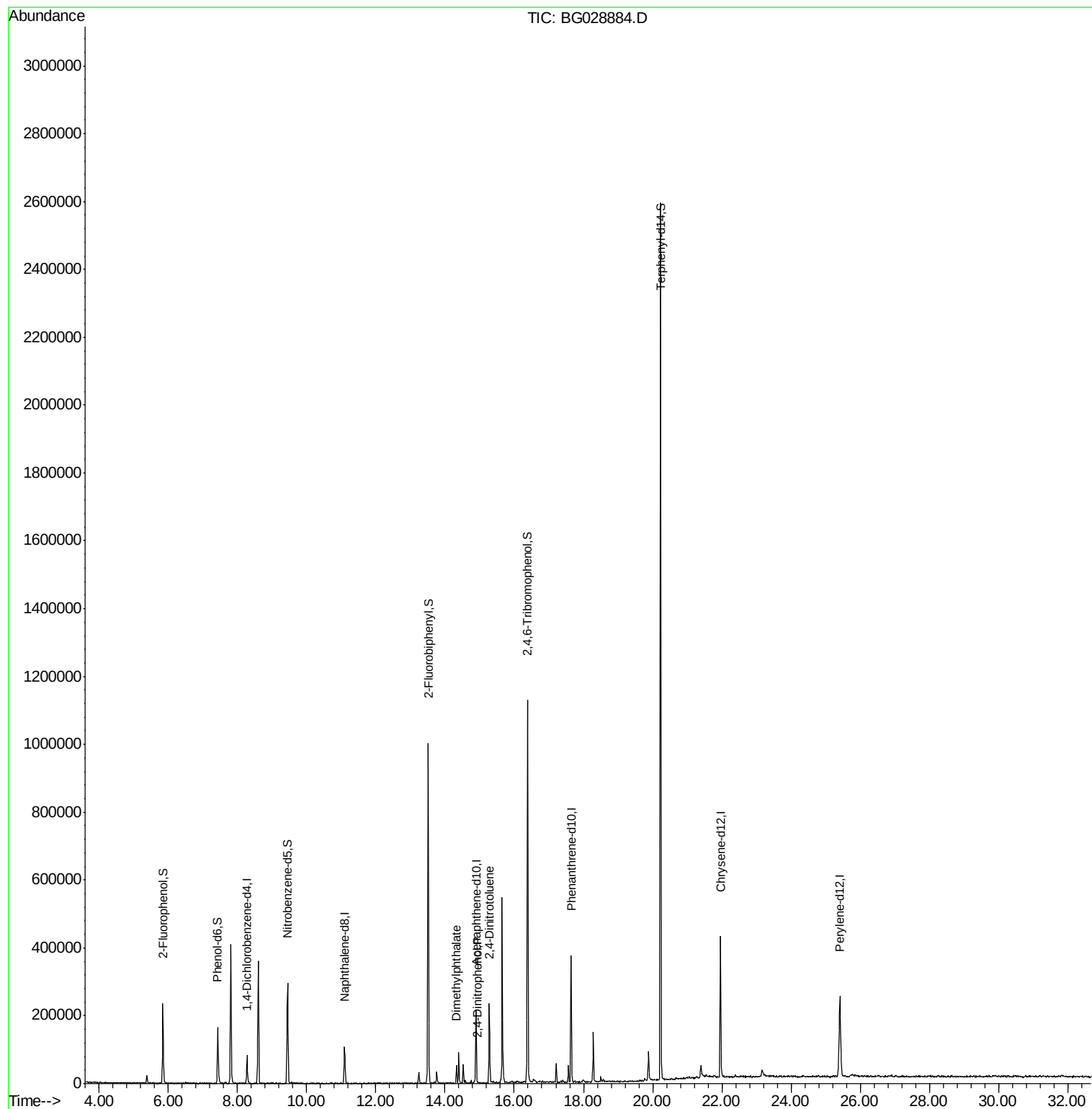
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24029	20.00	ng	-0.05
21) Naphthalene-d8	11.09	136	91860	20.00	ng	-0.06
38) Acenaphthene-d10	14.90	164	78991	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	245861	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	277841	20.00	ng	-0.07
86) Perylene-d12	25.41	264	290795	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	102465	70.36	ng	-0.06
7) Phenol-d6	7.43	99	102864	46.91	ng	-0.06
23) Nitrobenzene-d5	9.45	82	197183	102.69	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	243789	186.60	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	540970	91.32	ng	-0.05
78) Terphenyl-d14	20.23	244	1225447	94.06	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.33	163	33703	5.09	ng	Qvalue 98
53) 2,4-Dinitrophenol	14.94	184	57	8.07	ng	# 15
56) 2,4-Dinitrotoluene	15.28	165	10534	5.08	ng	# 23

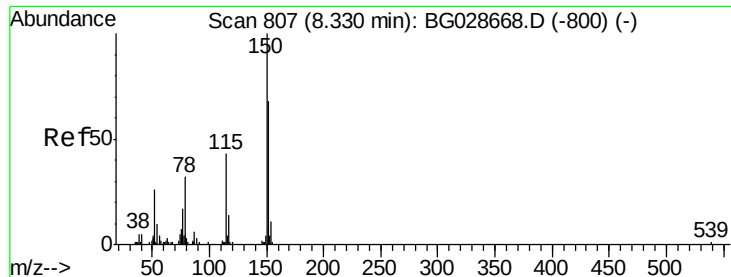
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

Instrument :

BNA_G

ClientSampled :

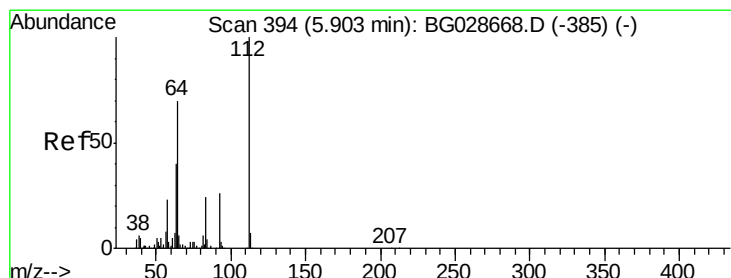
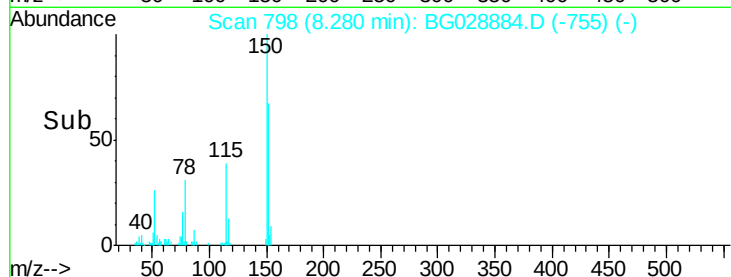
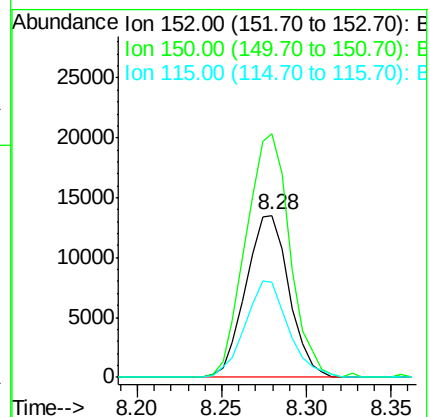
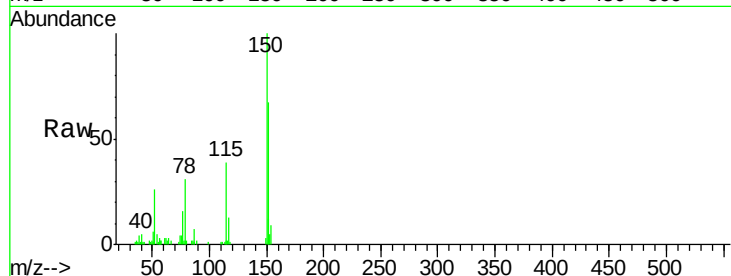
Tot Ion:152 Resp: 24029

Ion Ratio Lower Upper

152 100

150 150.1 114.0 171.0

115 58.5 48.1 72.1



#5

2-Fluorophenol

Concen: 70.36 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

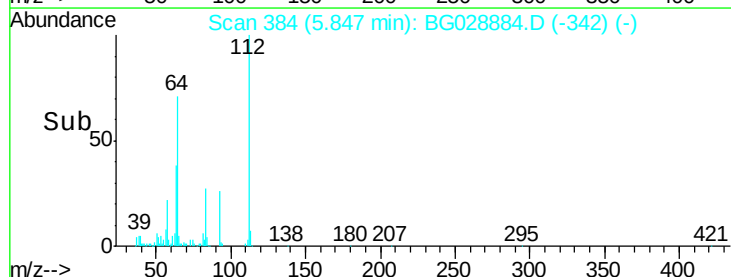
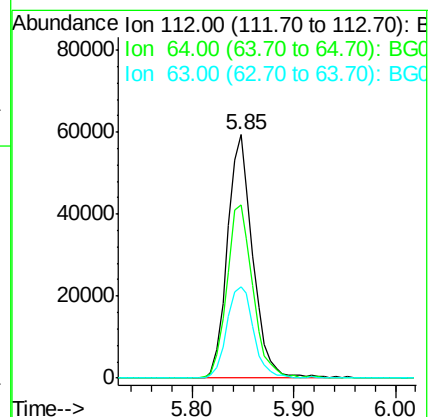
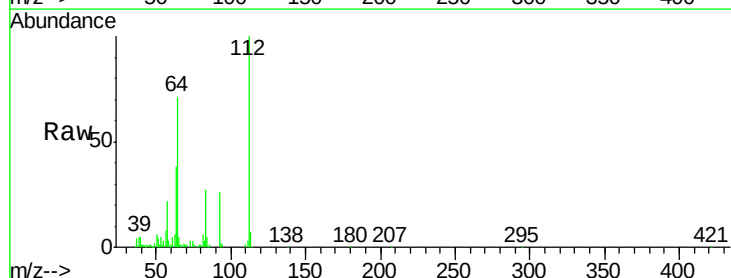
Tgt Ion:112 Resp: 102465

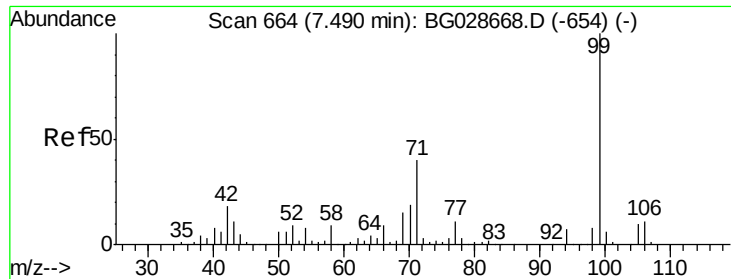
Ion Ratio Lower Upper

112 100

64 71.3 61.8 92.6

63 37.6 37.2 55.8





#7

Phenol-d6

Concen: 46.91 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

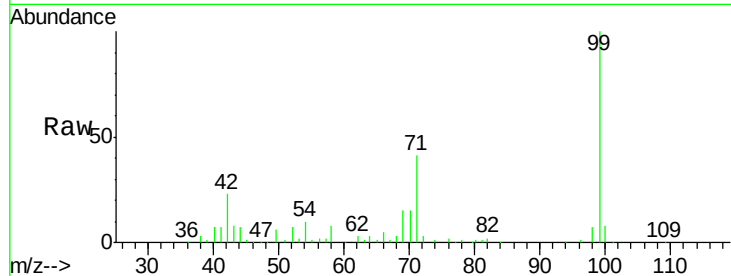
Tot Ion: 99 Resp: 102864

Ion Ratio Lower Upper

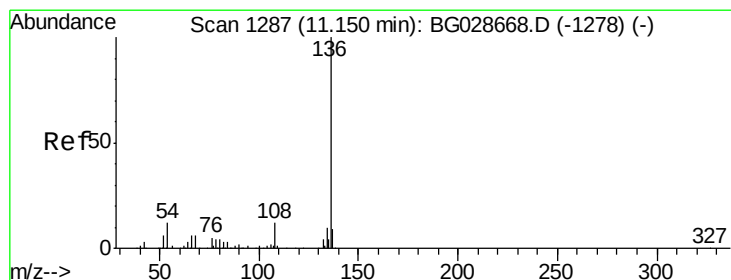
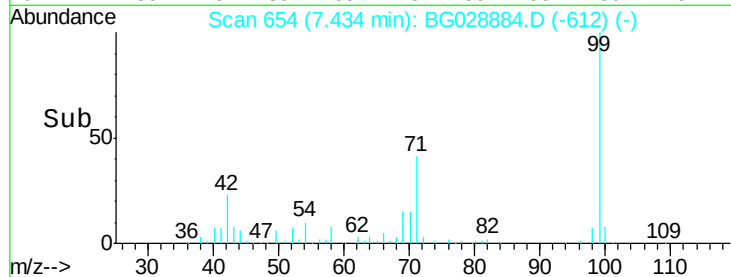
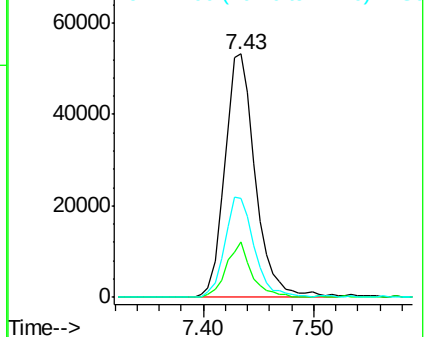
99 100

42 22.5 20.5 30.7

71 40.9 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: 20.00 ng

RT: 11.09 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

Tgt Ion: 136 Resp: 91860

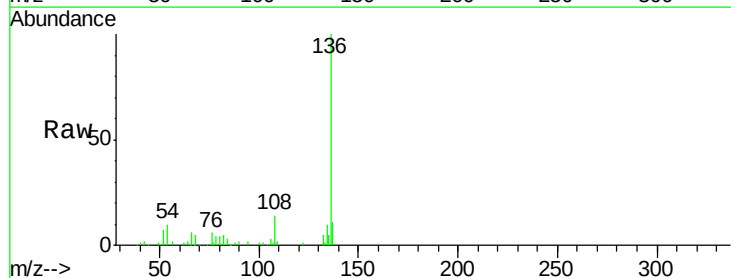
Ion Ratio Lower Upper

136 100

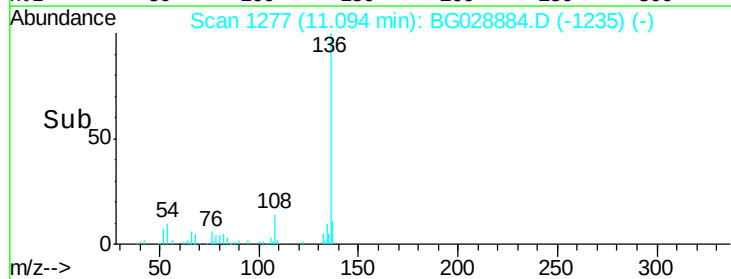
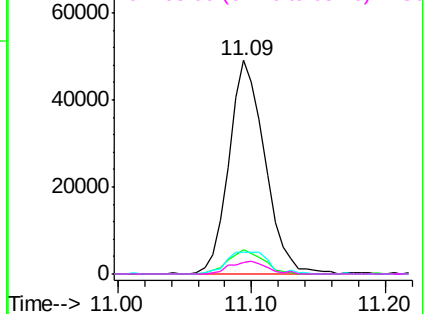
137 11.4 8.9 13.3

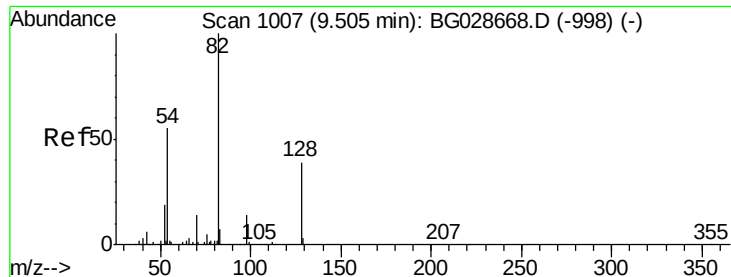
54 10.1 9.3 13.9

68 5.1 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

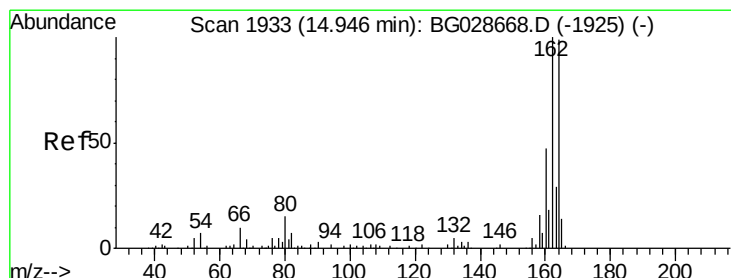
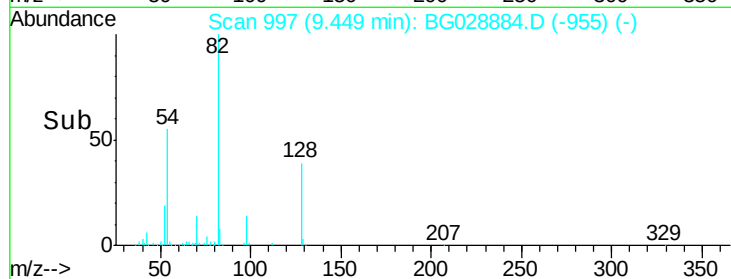
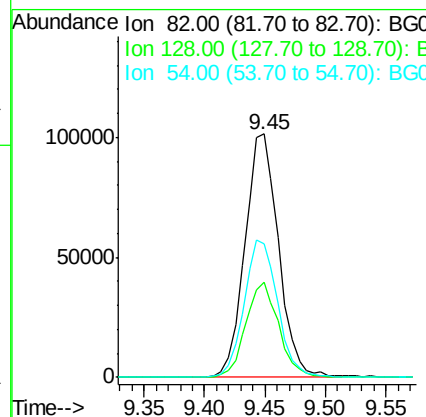
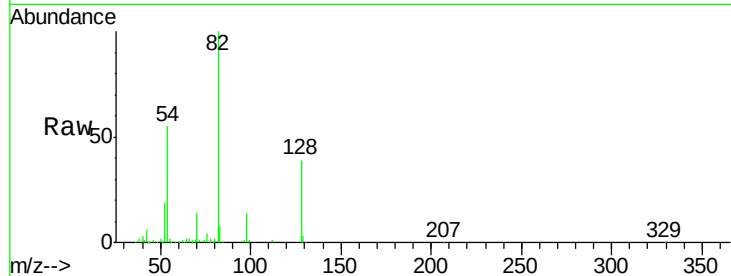




#23
 Nitrobenzene-d5
 Concen: 102.69 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

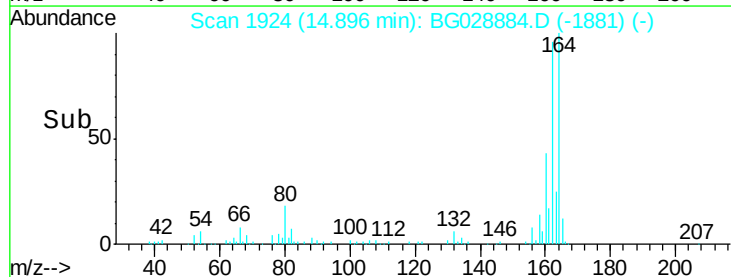
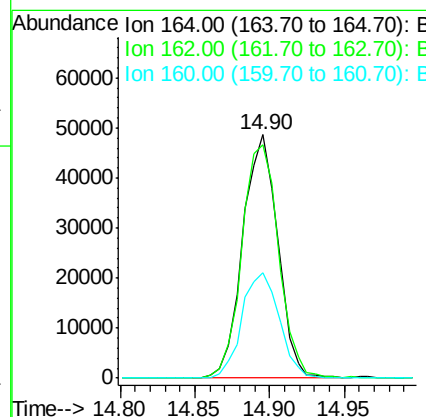
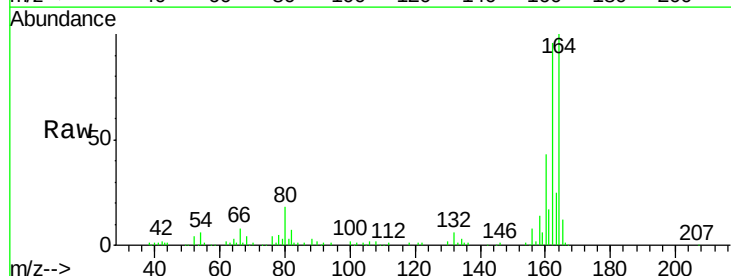
Instrument :
 BNA_G
 ClientSampled :

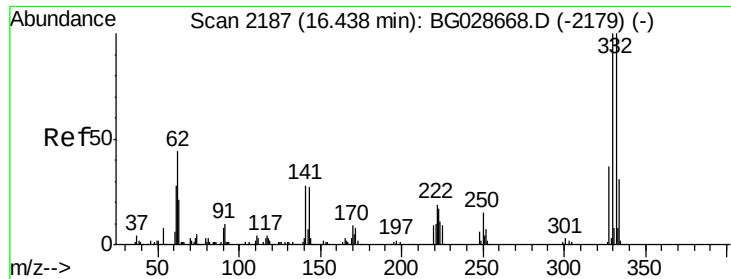
Tot Ion	82	Resp	197183
Ion Ratio	Lower	Upper	
82	100		
128	39.1	26.4	39.6
54	54.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

Tgt Ion	164	Resp	78991
Ion Ratio	Lower	Upper	
164	100		
162	96.0	85.1	127.7
160	43.4	34.7	52.1

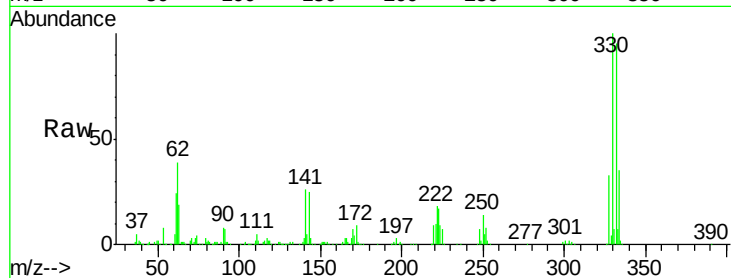




#41
 2,4,6-Tribromophenol
 Concen: 186.60 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	29.2	32.1	48.1#

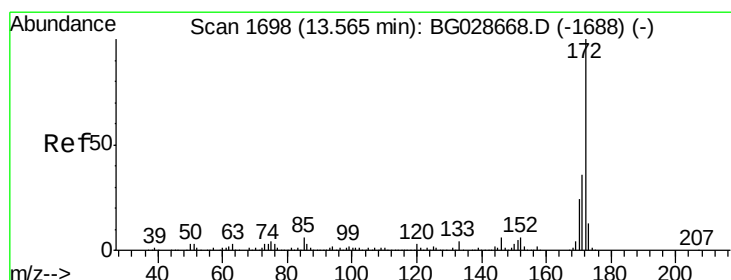
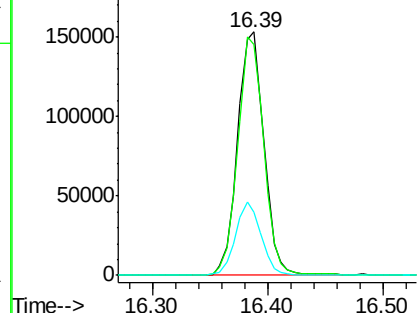
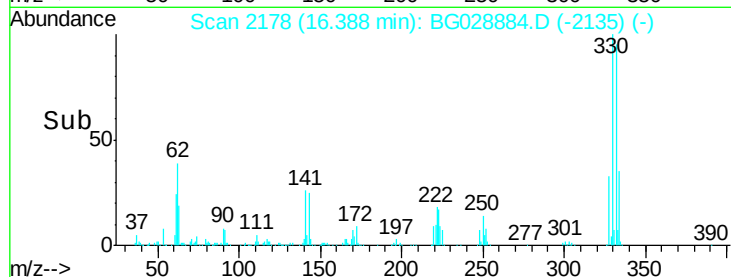


Abundance

Ion 329.80 (329.50 to 330.50): E

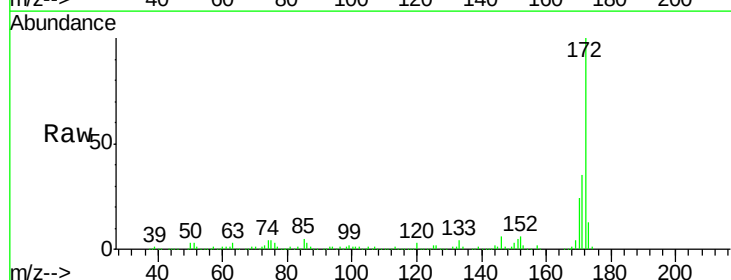
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.32 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.6	21.8	32.6

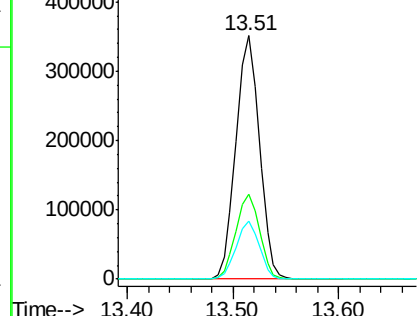
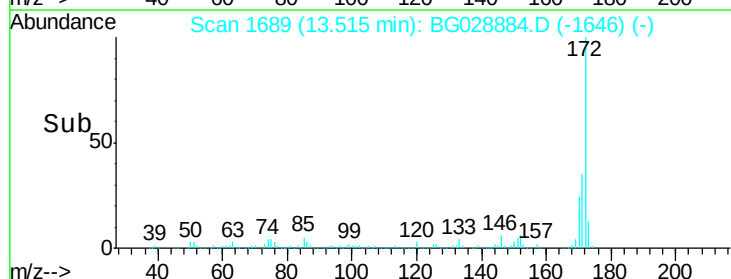


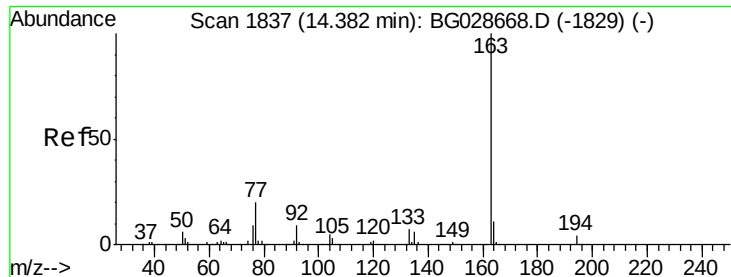
Abundance

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





#49

Dimethylphthalate

Concen: 5.09 ng

RT: 14.33 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

Instrument :

BNA_G

ClientSampled :

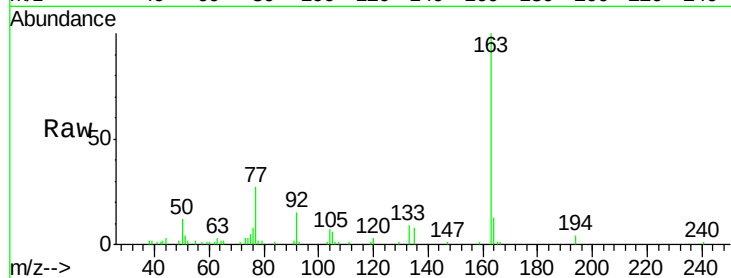
Tot Ion:163 Resp: 33703

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

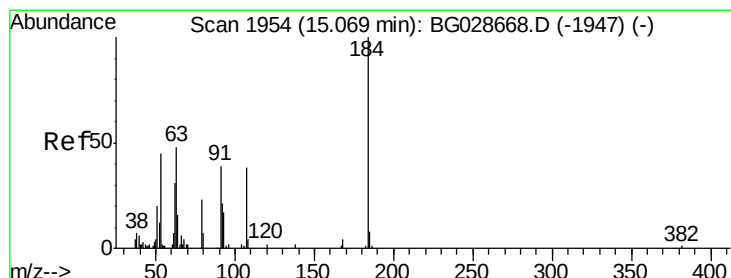
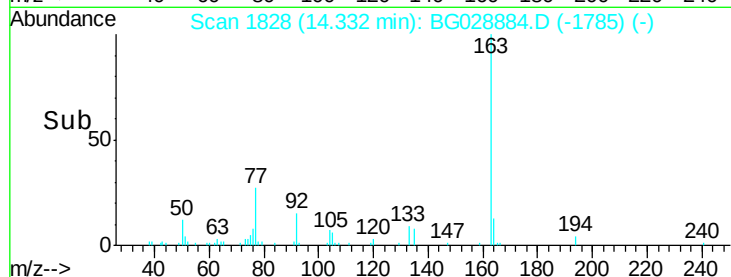
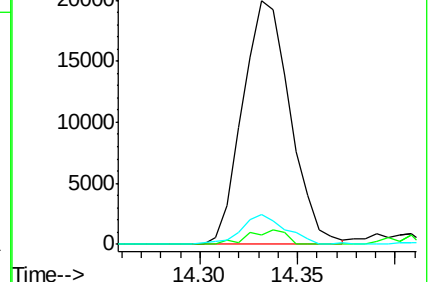
164 12.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.07 ng

RT: 14.94 min Scan# 1931

Delta R.T. -0.13 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

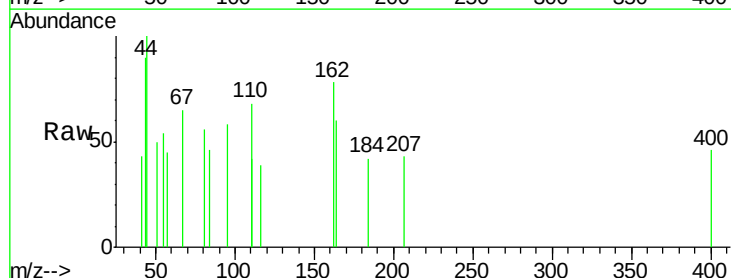
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

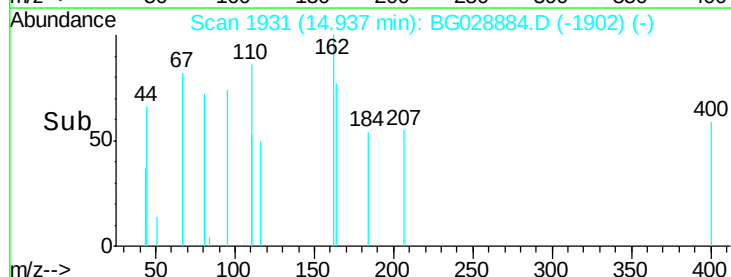
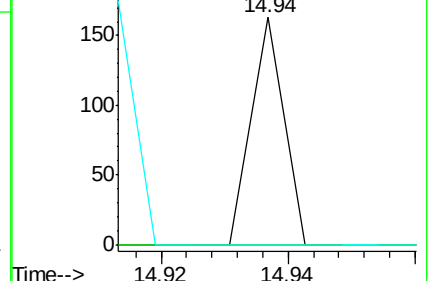
154 0.0 57.3 85.9#

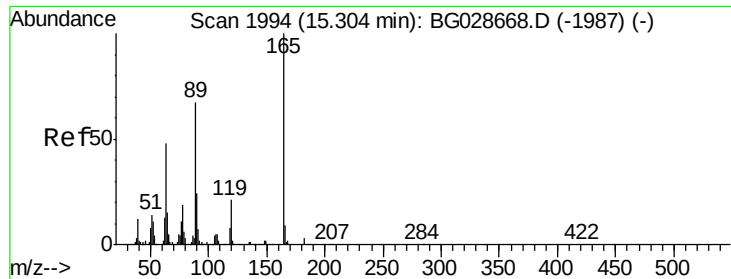


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

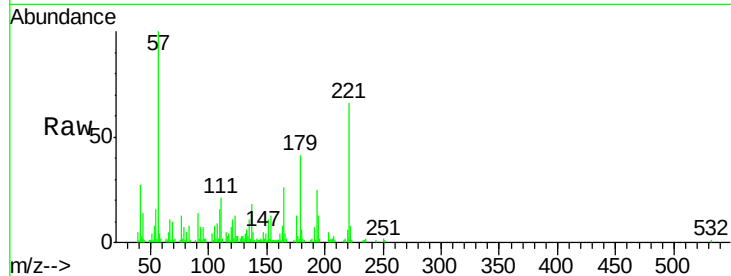




#56
 2,4-Dinitrotoluene
 Concen: 5.08 ng
 RT: 15.28 min Scan# 1989
 Delta R.T. -0.03 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	8.5	44.0	66.0#
89	3.4	67.3	100.9#
182	2.9	3.8	5.6#

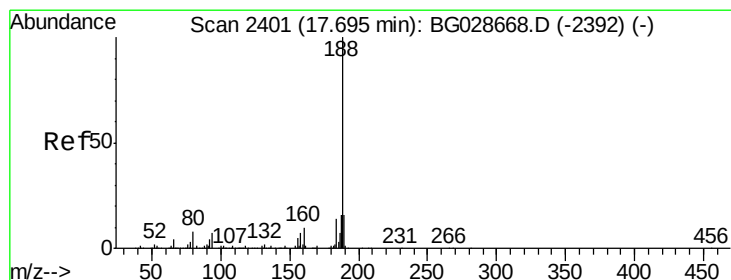
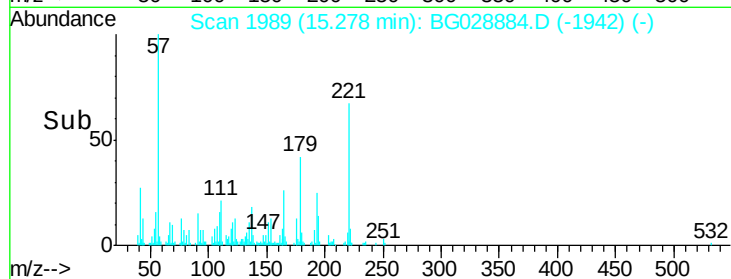
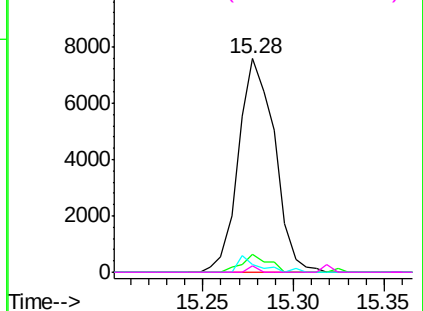


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

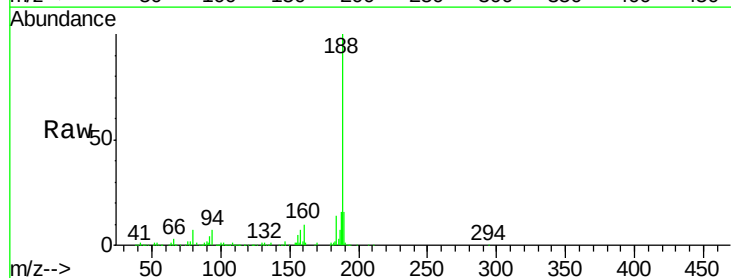
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.65 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

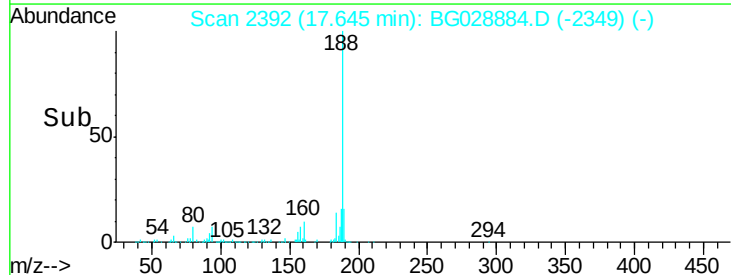
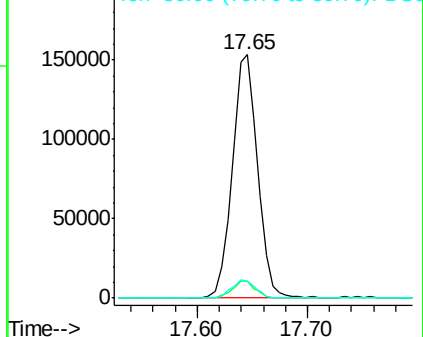
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.8
80	7.2	7.5	11.3#

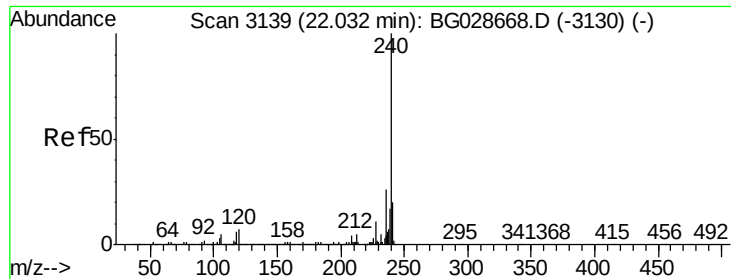


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.96 min Scan# 3126

Delta R.T. -0.07 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

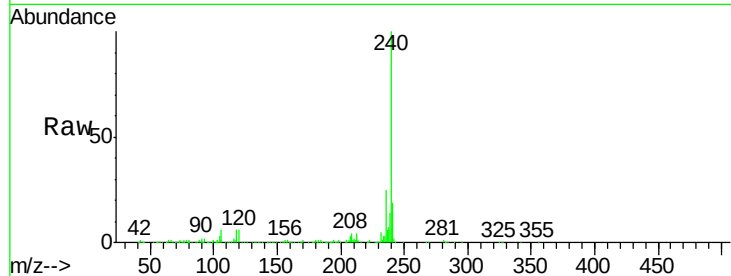
Tot Ion:240 Resp: 277841

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

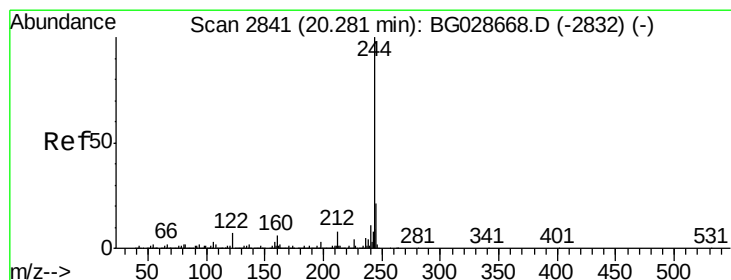
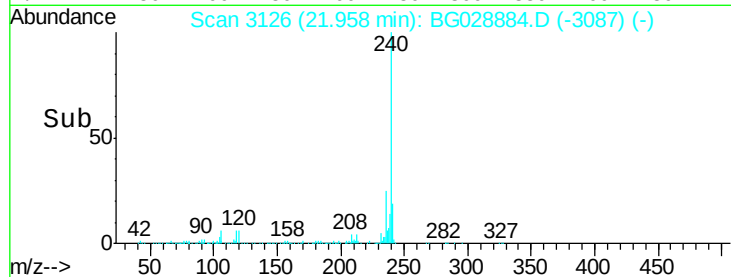
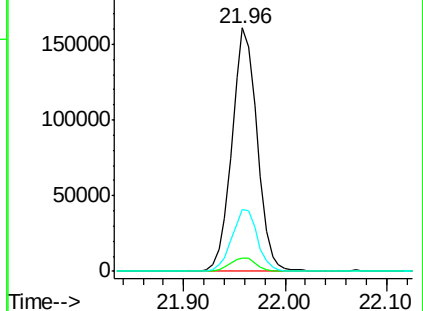
236 25.4 22.2 33.4



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: 94.06 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028884.D

Acq: 22 Sep 2017 21:20

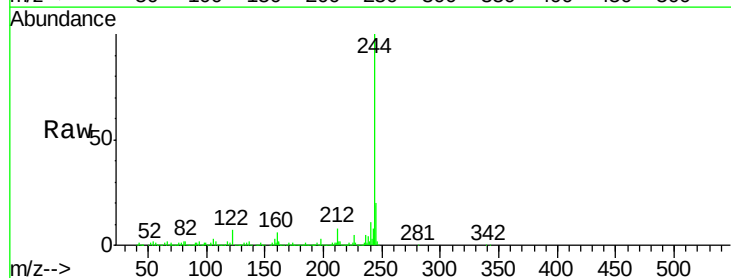
Tgt Ion:244 Resp: 1225447

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

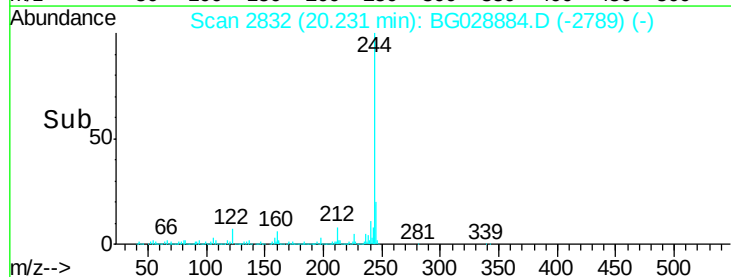
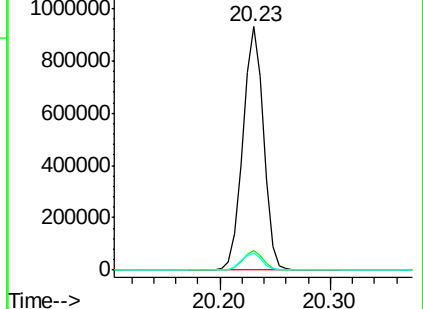
122 7.2 8.6 12.8#

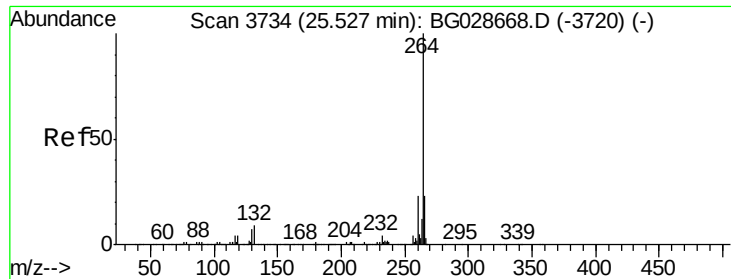


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.41 min Scan# 3714
 Delta R.T. -0.11 min
 Lab File: BG028884.D
 Acq: 22 Sep 2017 21:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	21.8	18.2	27.4

