

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030640.D
 Acq On : 1 Nov 2017 18:54
 Operator : SJ/JU
 Sample : I6199-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 20:44:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

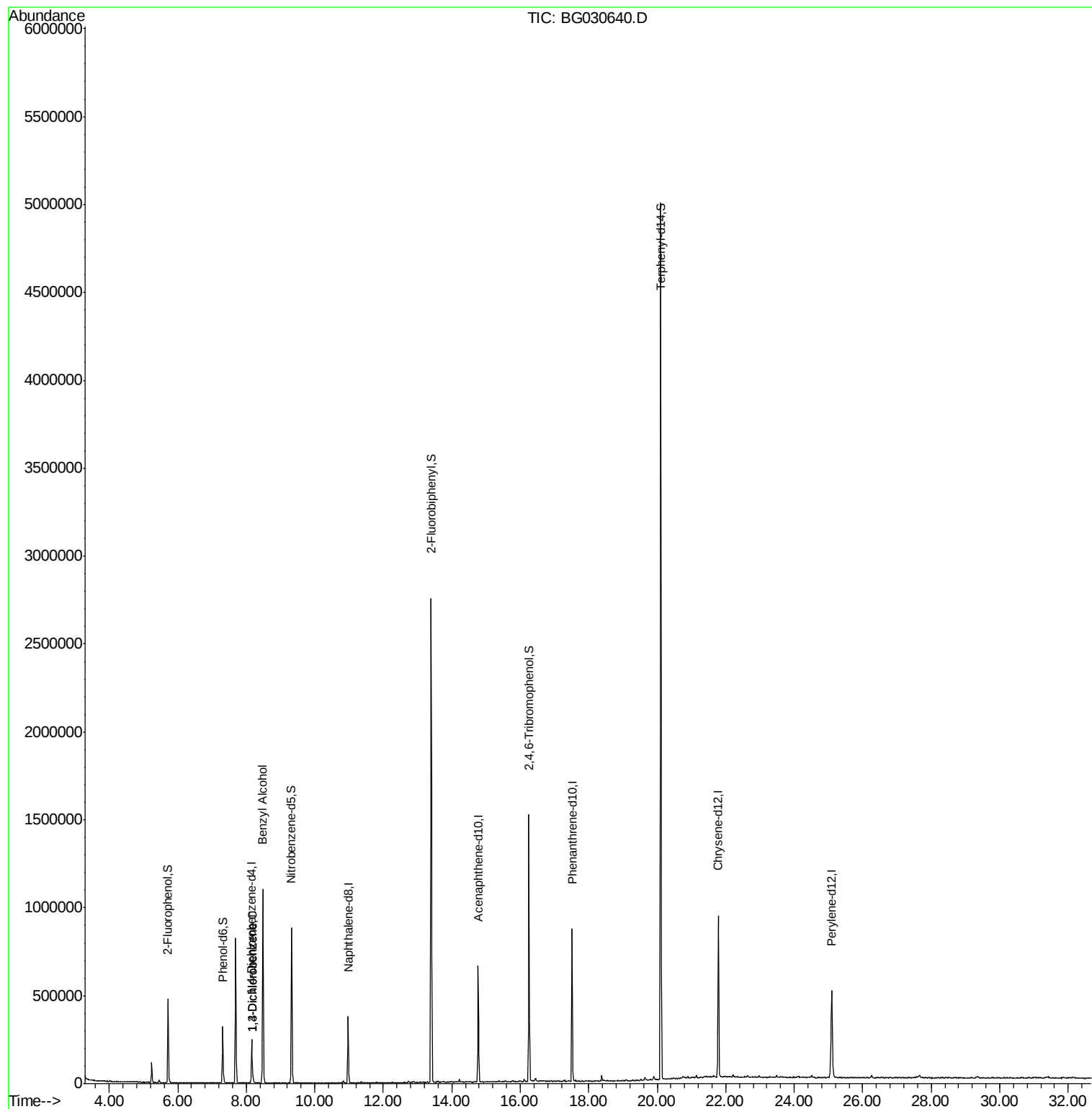
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72308	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	337849	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	230206	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	520813	20.00	ng	0.00
75) Chrysene-d12	21.78	240	561430	20.00	ng	0.00
86) Perylene-d12	25.09	264	566427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	228549	52.80	ng	0.00
7) Phenol-d6	7.31	99	200709	33.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	550787	103.60	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	305318	102.72	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1516714	96.63	ng	0.00
78) Terphenyl-d14	20.10	244	2313591	93.75	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	8.19	146	13669	2.454	ng	90
13) 1,4-Dichlorobenzene	8.19	146	13669	2.404	ng	93
15) Benzyl Alcohol	8.49	79	8650	2.020	ng	# 34

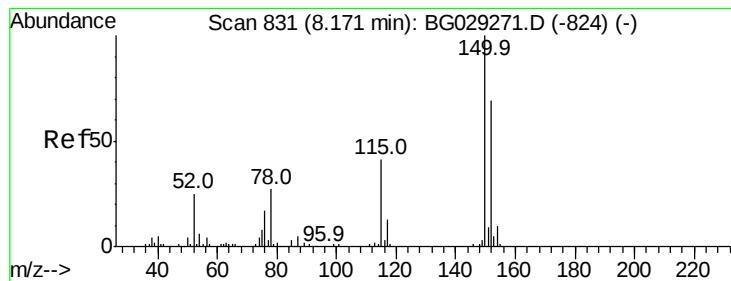
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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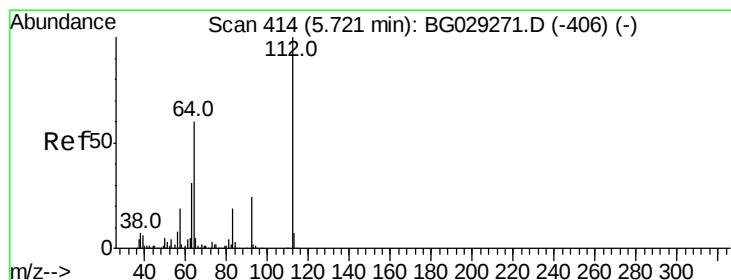
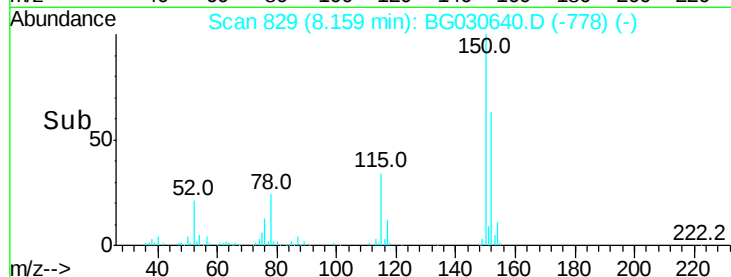
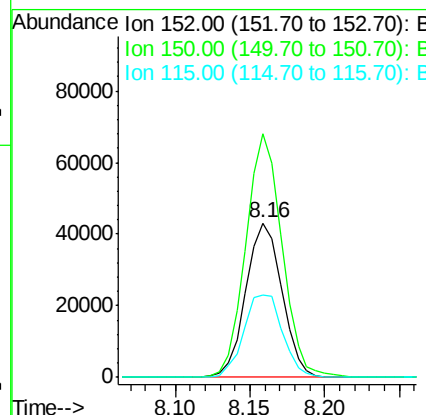
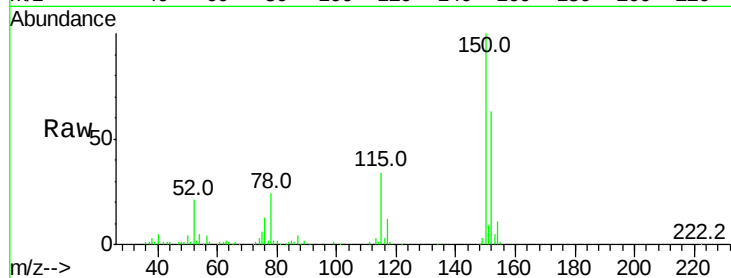


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Instrument :
BNA_G
ClientSampled :

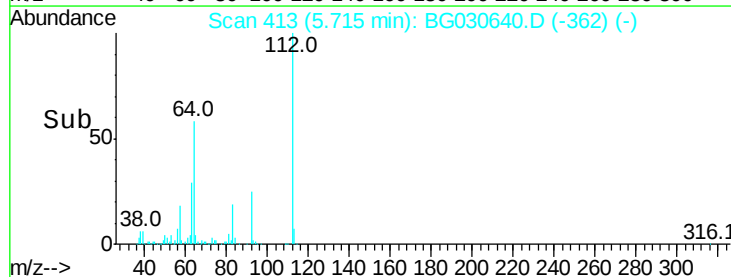
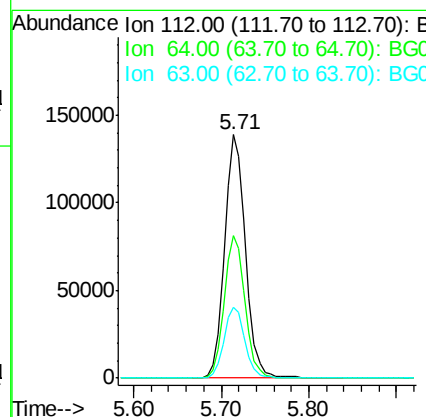
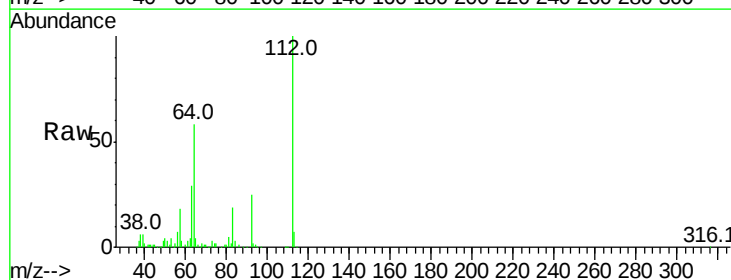
Tot Ion:152 Resp: 72308
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 53.7 53.0 79.4

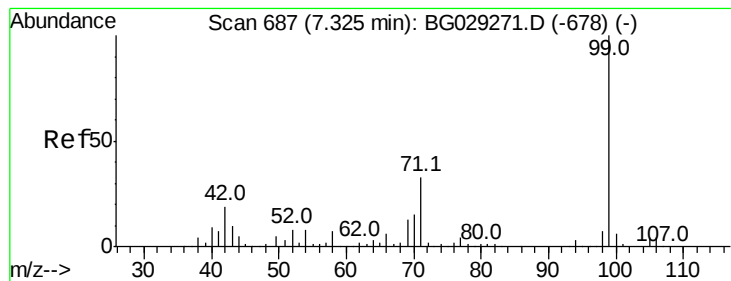


#5

2-Fluorophenol
Concen: 52.802 ng
RT: 5.71 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Tgt Ion:112 Resp: 228549
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 29.3 30.1 45.1#





#7

Phenol-d6

Concen: 33.035 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

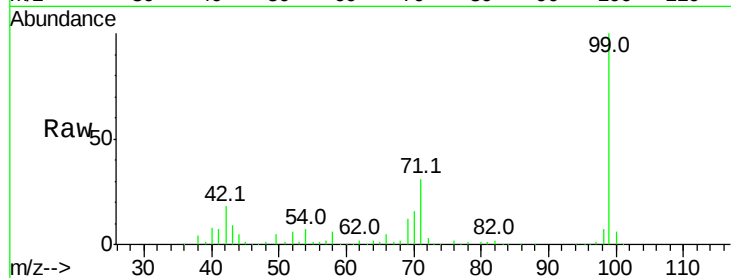
Tot Ion: 99 Resp: 200709

Ion Ratio Lower Upper

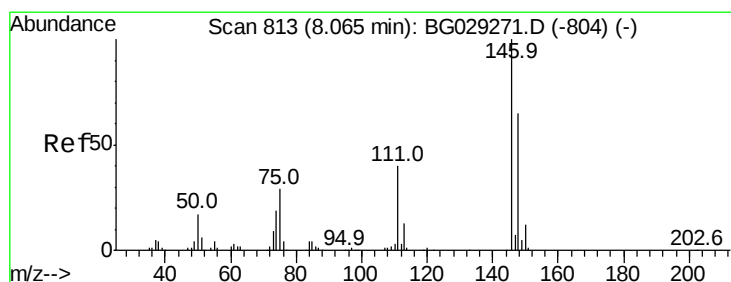
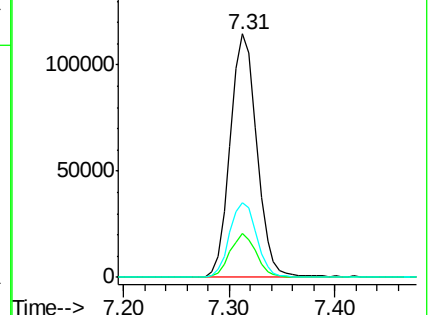
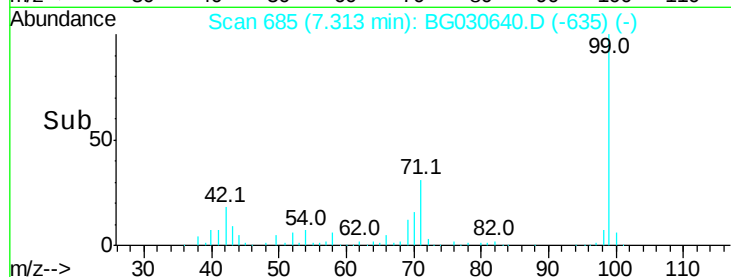
99 100

42 18.1 14.1 21.1

71 30.5 26.1 39.1



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



#12

1,3-Dichlorobenzene

Concen: 2.454 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.14 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

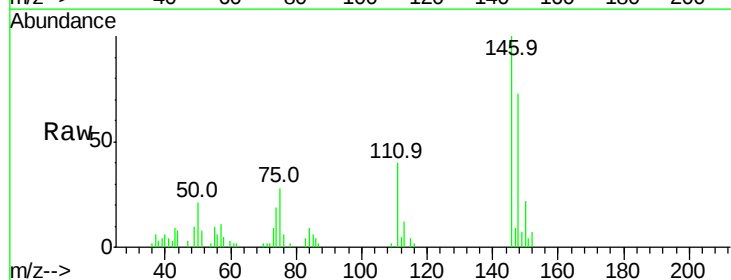
Tgt Ion: 146 Resp: 13669

Ion Ratio Lower Upper

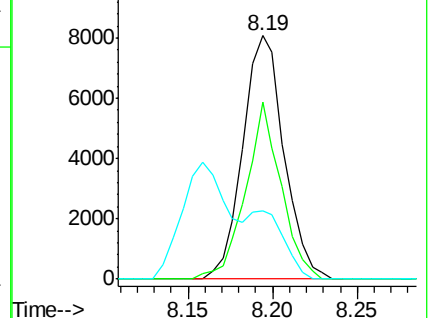
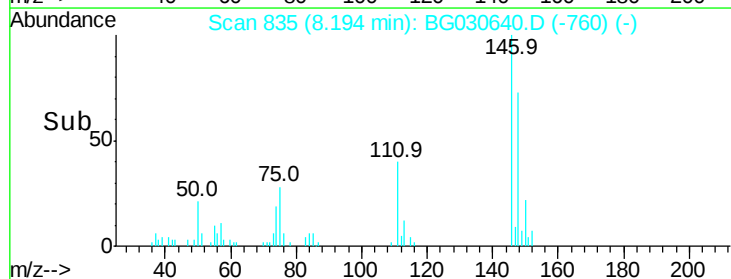
146 100

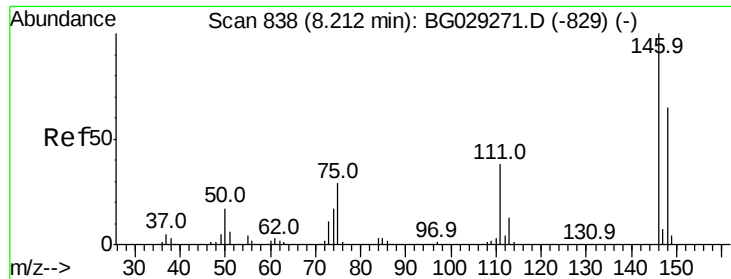
148 72.9 51.4 77.2

75 28.0 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 2.404 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Instrument :

BNA_G

ClientSampled :

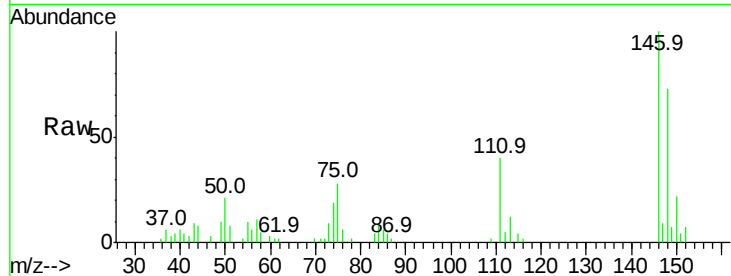
Tot Ion:146 Resp: 13669

Ion Ratio Lower Upper

146 100

148 72.9 53.7 80.5

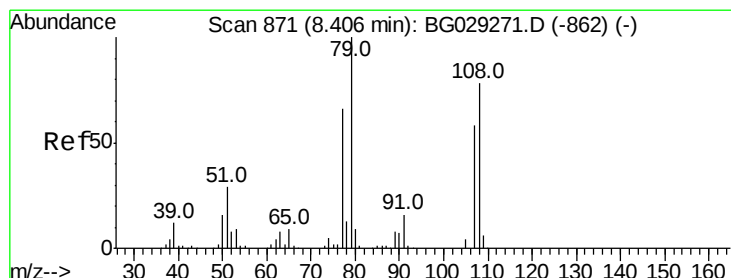
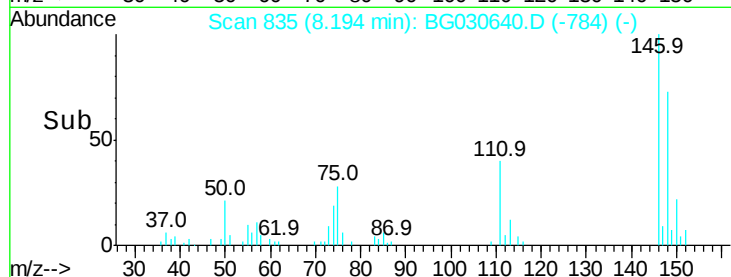
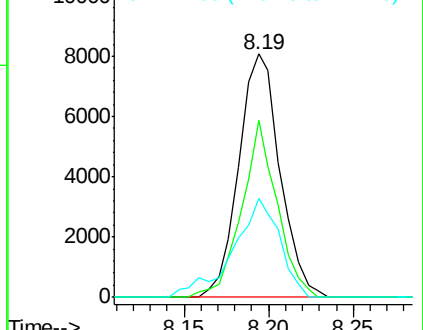
111 40.4 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.020 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

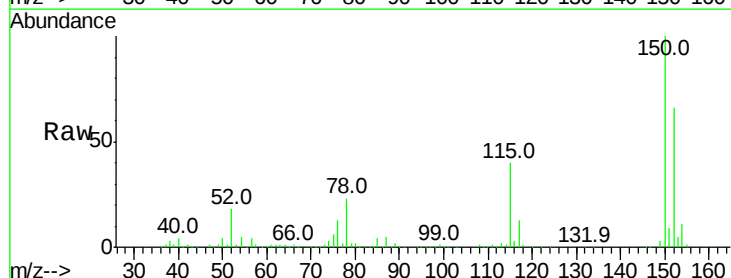
Tgt Ion: 79 Resp: 8650

Ion Ratio Lower Upper

79 100

108 30.6 57.2 85.8#

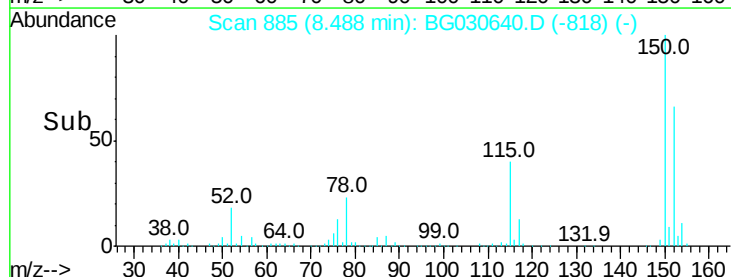
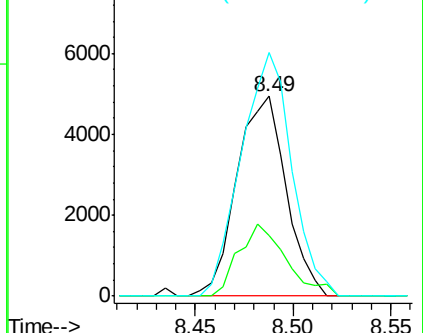
77 122.0 46.1 69.1#

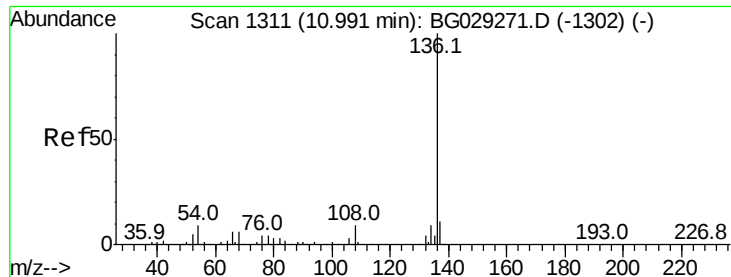


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

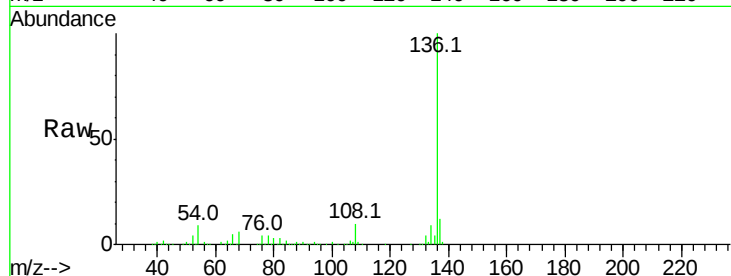




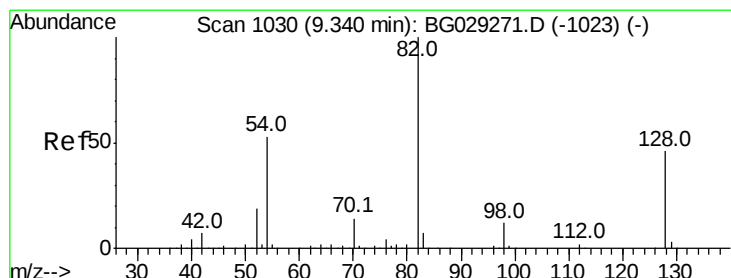
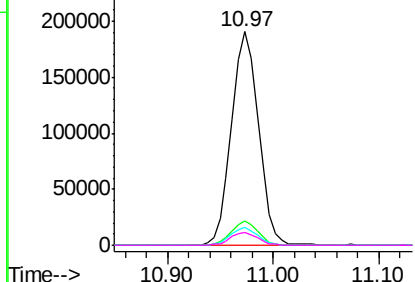
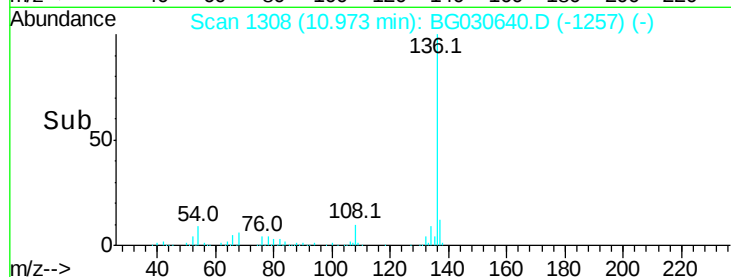
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	337849
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.2 13.8
54	8.6	10.3 15.5#
68	6.1	4.5 6.7

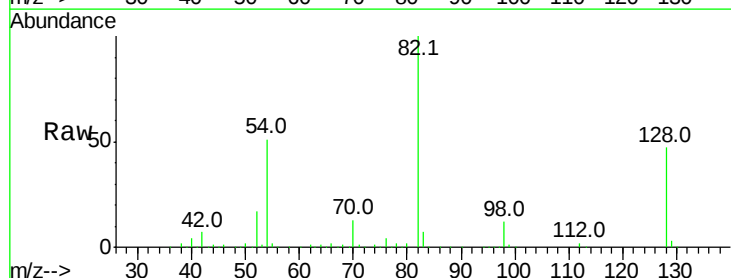


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

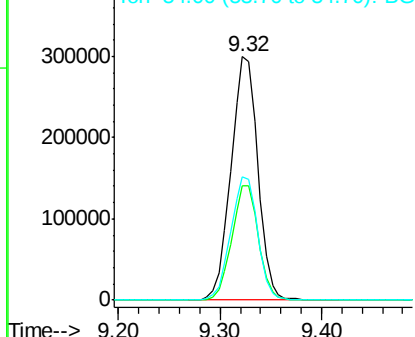
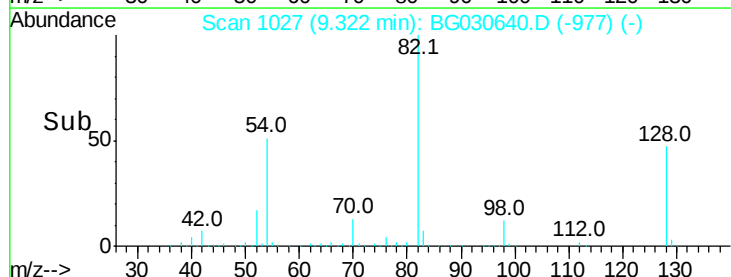


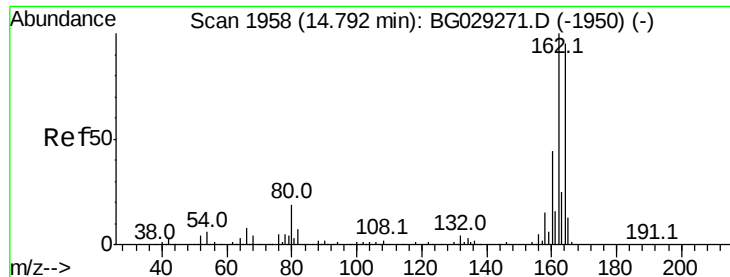
#23
Nitrobenzene-d5
Concen: 103.599 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Tgt Ion: 82	Resp:	550787
Ion	Ratio	Lower Upper
82	100	
128	47.2	29.7 44.5#
54	50.8	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

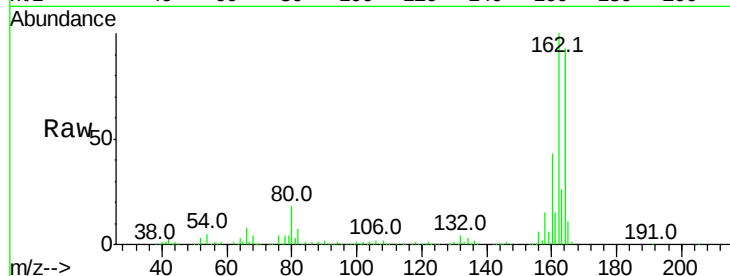
Tot Ion:164 Resp: 230206

Ion Ratio Lower Upper

164 100

162 107.0 78.8 118.2

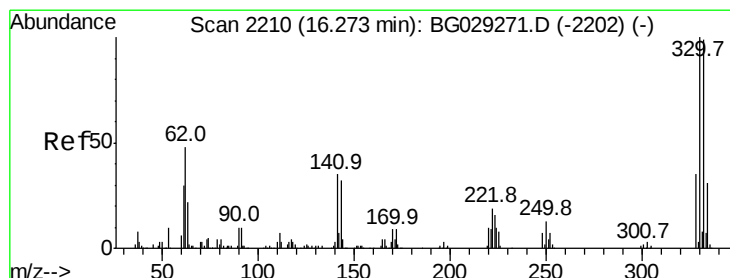
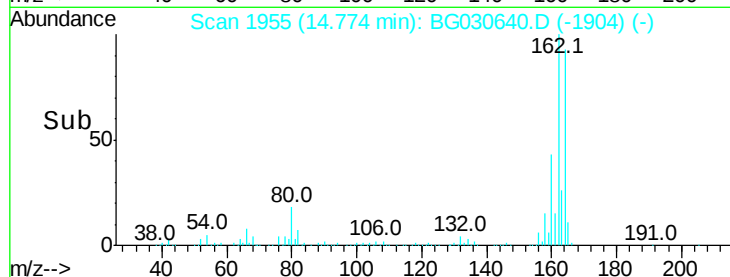
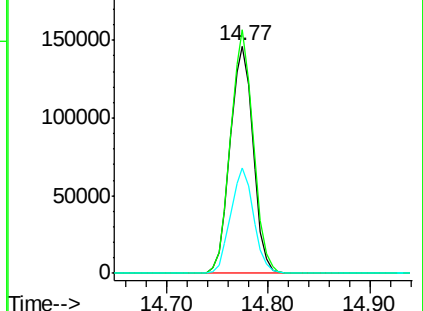
160 46.0 35.4 53.0



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: 102.725 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

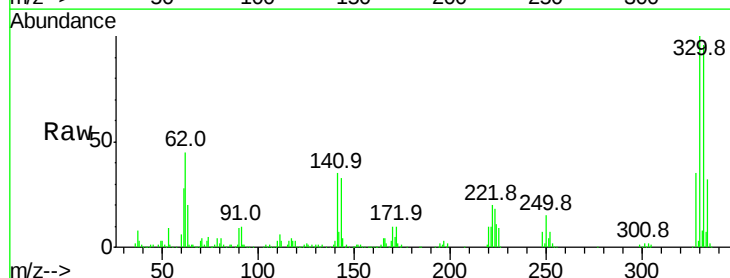
Tgt Ion:330 Resp: 305318

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

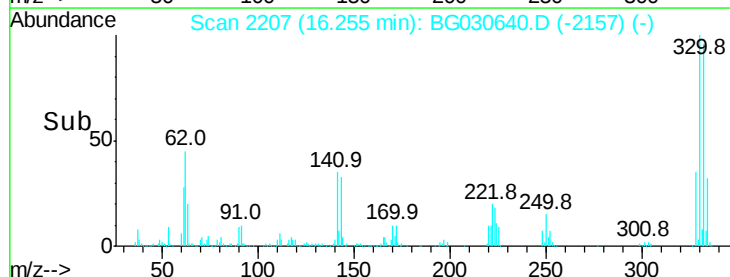
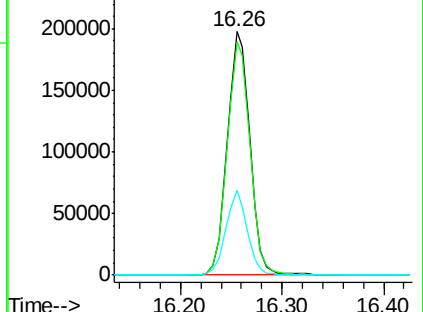
141 32.8 25.2 37.8

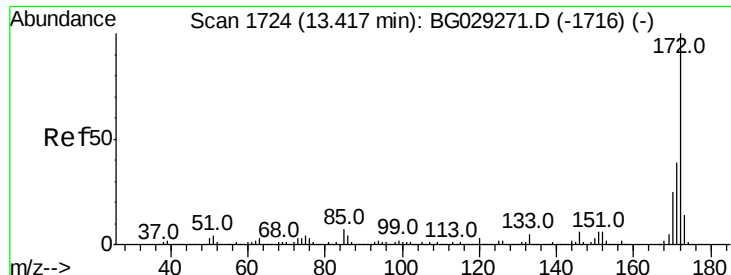


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



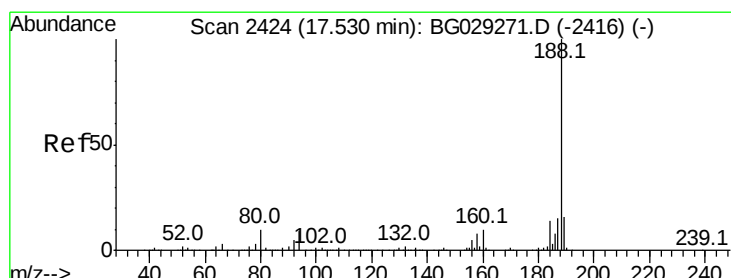
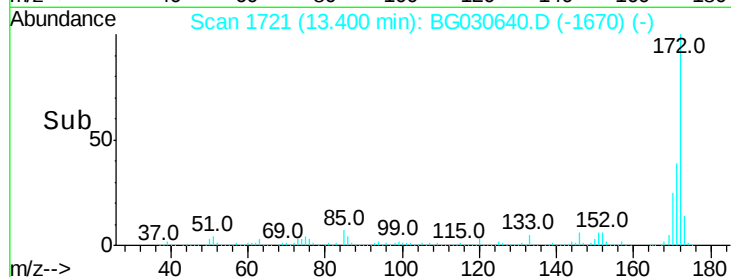
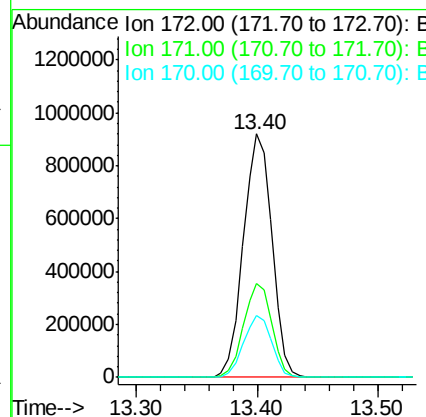
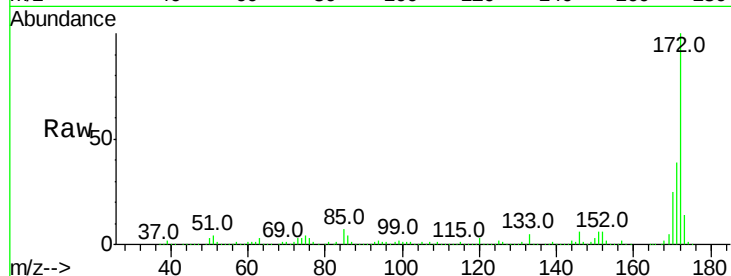


#44
 2-Fluorobiphenyl
 Concen: 96.631 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030640.D
 Acq: 1 Nov 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1516714

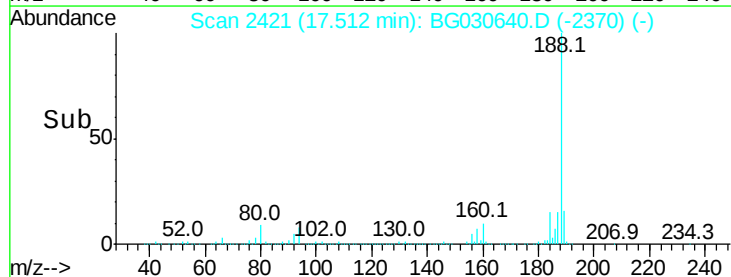
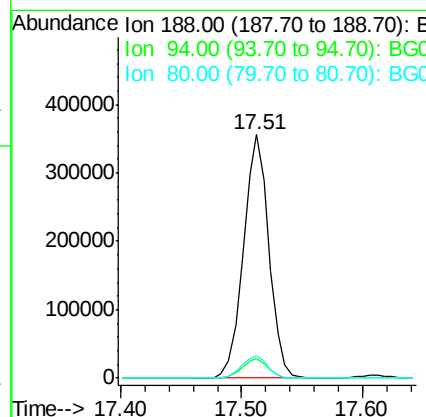
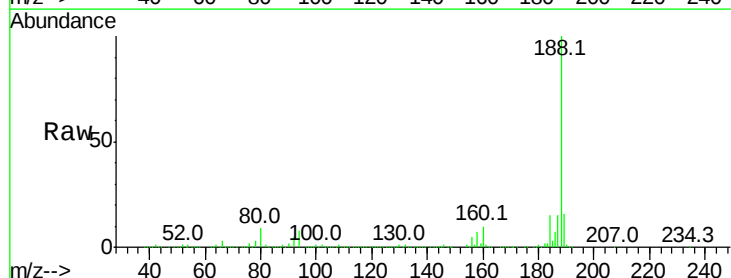
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.4	19.5	29.3

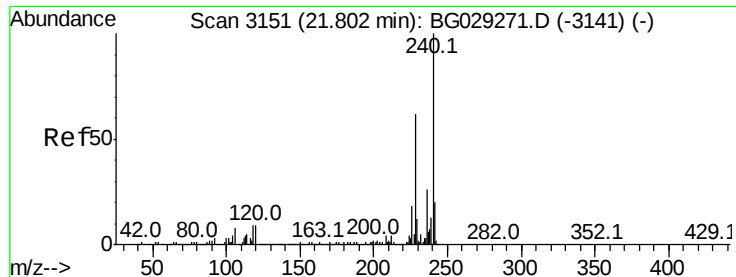


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030640.D
 Acq: 1 Nov 2017 18:54

Tgt Ion:188 Resp: 520813

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.2	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

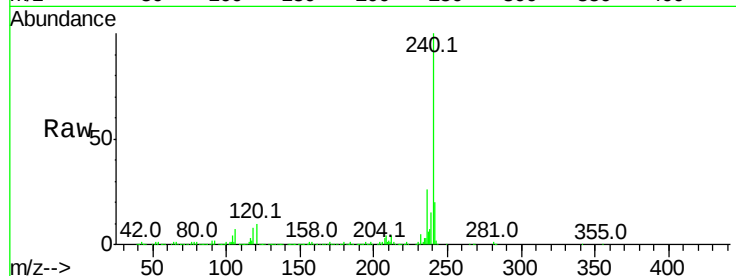
Tot Ion:240 Resp: 561430

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	26.2	20.9	31.3

240 100

120 9.9 6.8 10.2

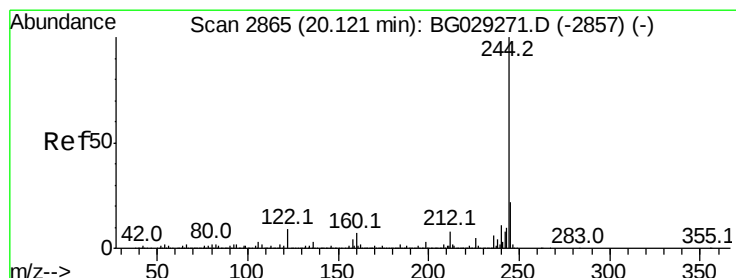
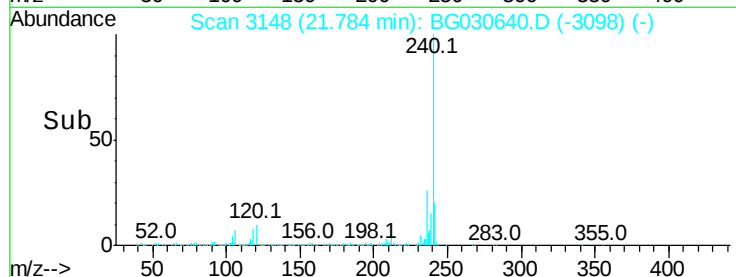
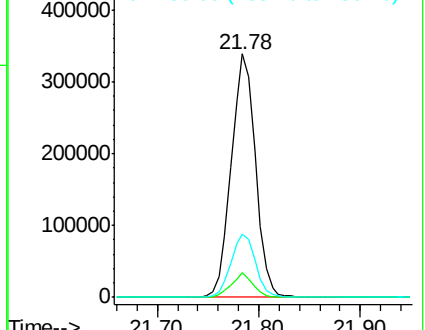
236 26.2 20.9 31.3



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: 93.747 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

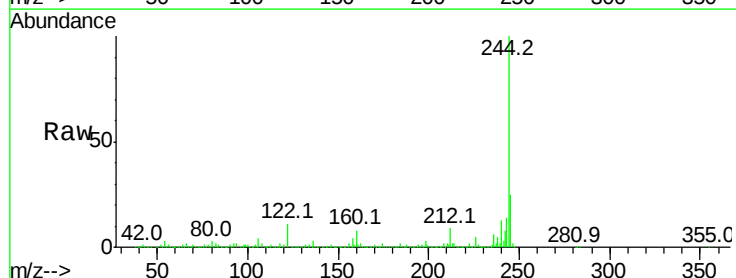
Tgt Ion:244 Resp: 2313591

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	11.0	7.0	10.4#

244 100

212 9.0 5.8 8.8#

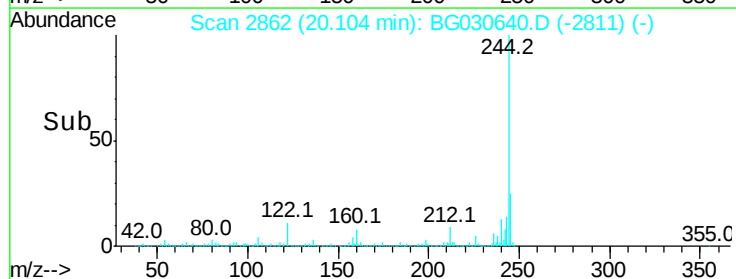
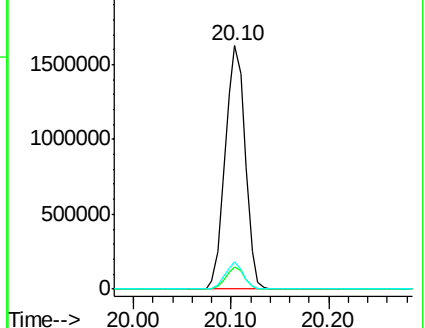
122 11.0 7.0 10.4#

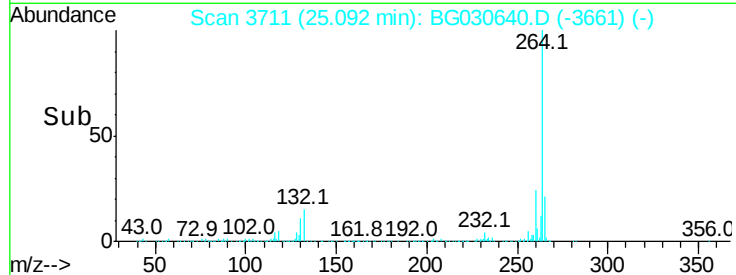
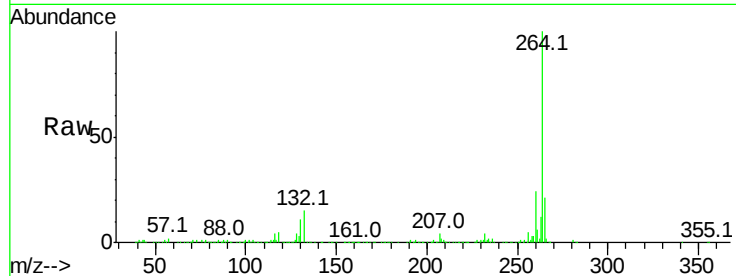
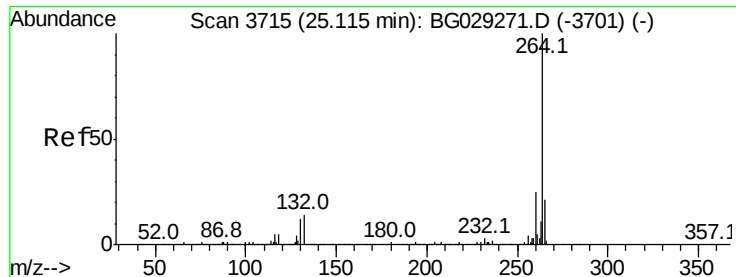


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711
 Delta R.T. -0.01 min
 Lab File: BG030640.D
 Acq: 1 Nov 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	566427
Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.2	17.7	26.5

