

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031343.D
 Acq On : 2 Dec 2017 7:37
 Operator : SJ/JU
 Sample : I6653-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3A

Quant Time: Dec 03 22:45:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

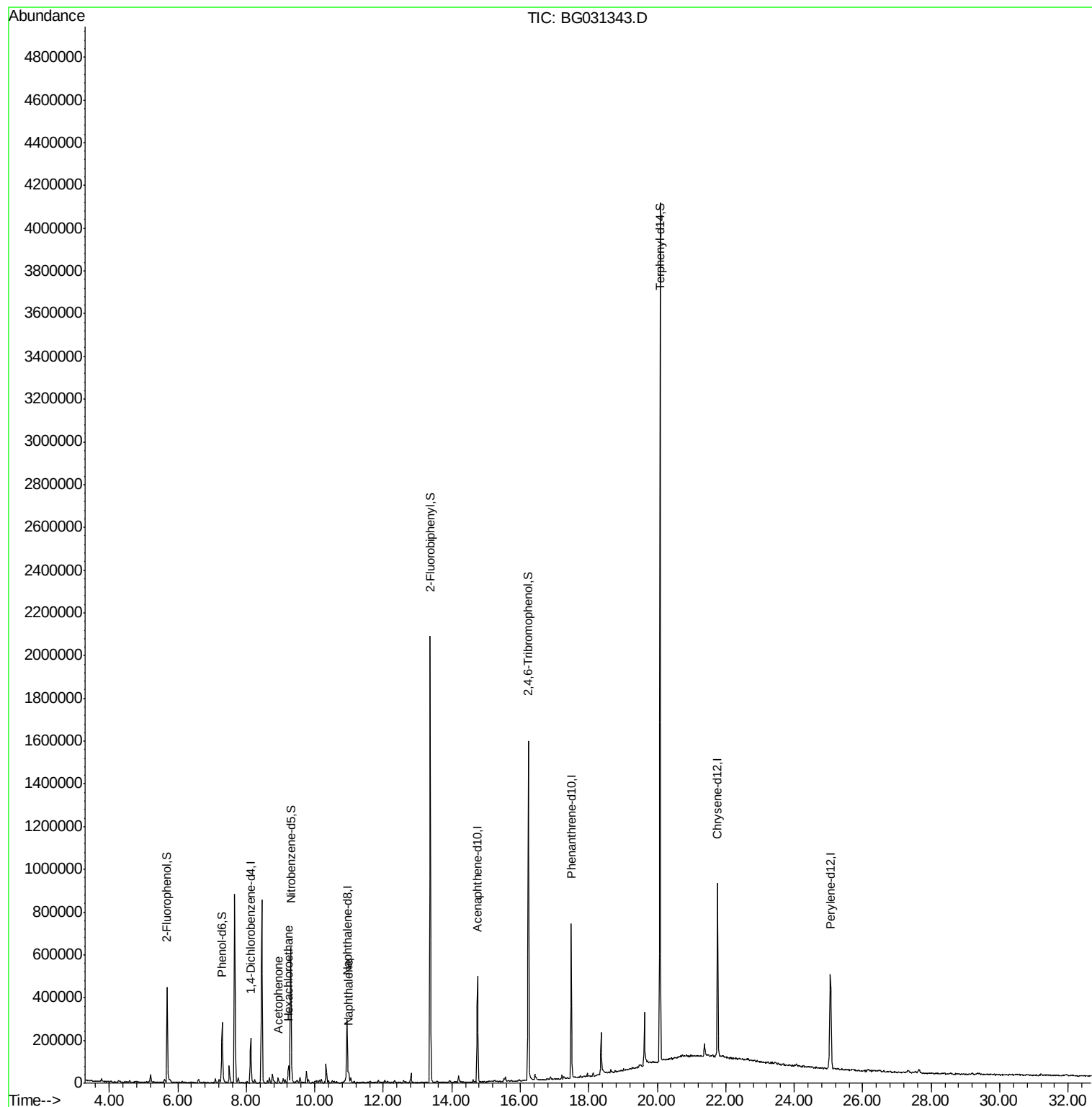
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	64425	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	286455	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	188667	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	475530	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	521429	20.00	ng	-0.02
86) Perylene-d12	25.06	264	514225	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	242201	64.47	ng	-0.02
7) Phenol-d6	7.30	99	197787	39.08	ng	-0.01
23) Nitrobenzene-d5	9.29	82	418499	86.57	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	334831	109.71	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1204408	91.73	ng	-0.03
78) Terphenyl-d14	20.08	244	1956349	82.85	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	9.23	117	8009	4.67	ng	# 1
22) Acetophenone	8.93	105	19227	2.70	ng	# 53
31) Naphthalene	10.99	128	31819	2.26	ng	# 92

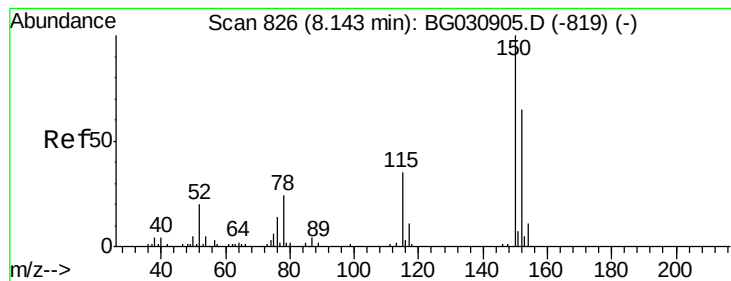
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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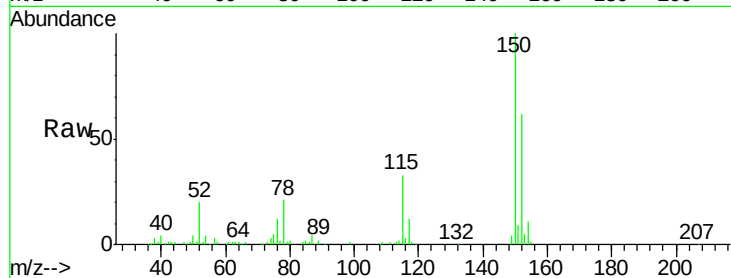


#1

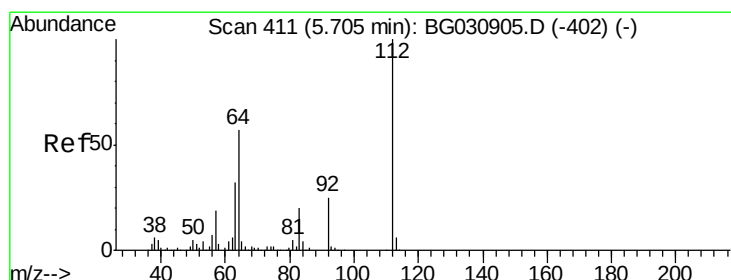
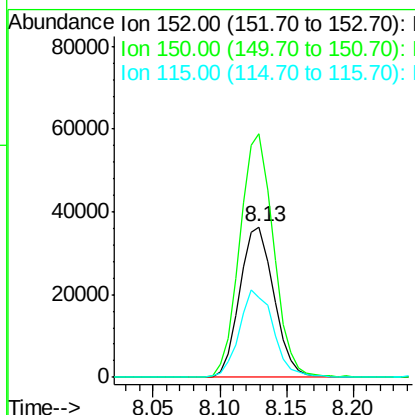
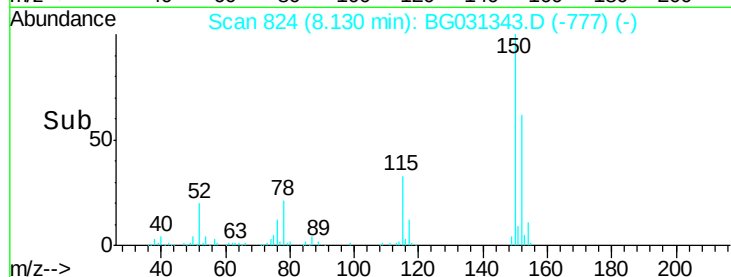
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031343.D
Acq: 2 Dec 2017 7:37

Instrument :
BNA_G
ClientSampleId :
MW-3A

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.6	189.8
115	53.0	53.0	79.4#



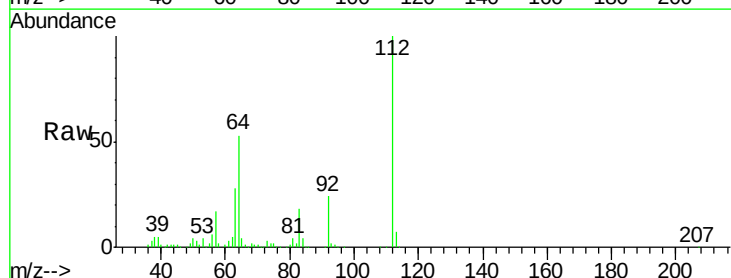
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



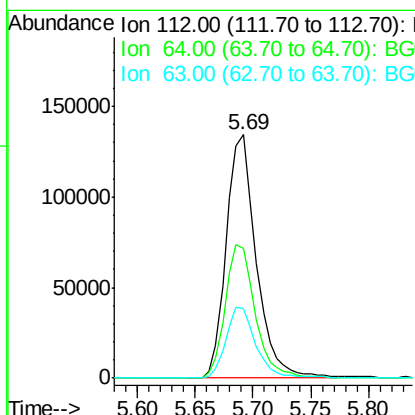
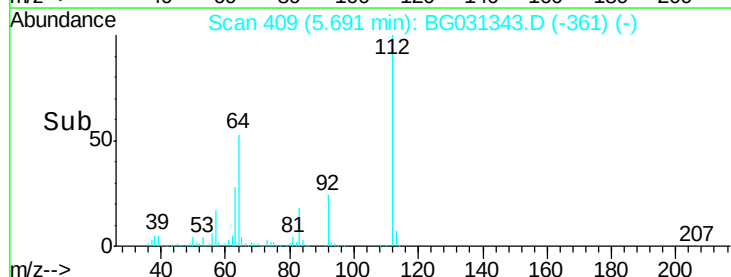
#5

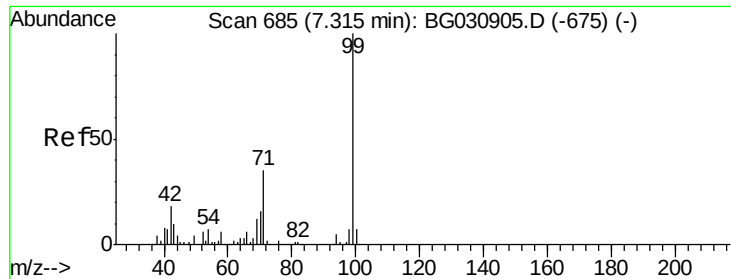
2-Fluorophenol
Concen: 64.47 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031343.D
Acq: 2 Dec 2017 7:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	56.3	84.5#
63	28.5	30.1	45.1#



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: 39.08 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

Instrument :

BNA_G

ClientSampleId :

MW-3A

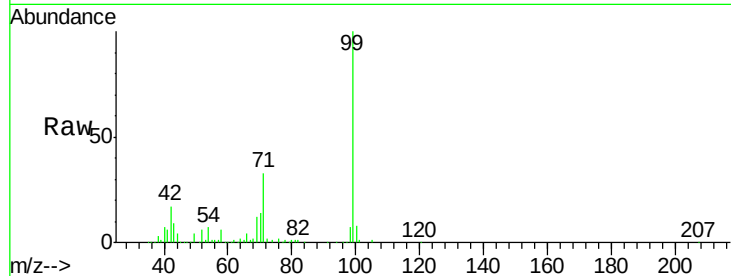
Tot Ion: 99 Resp: 197787

Ion Ratio Lower Upper

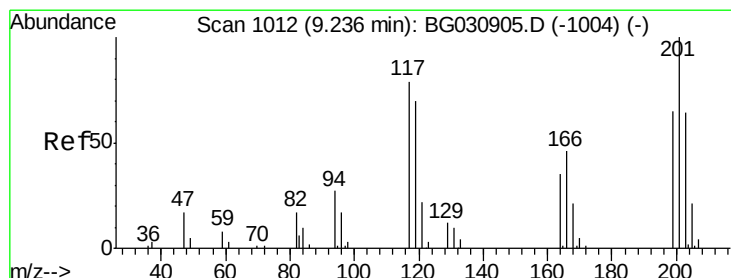
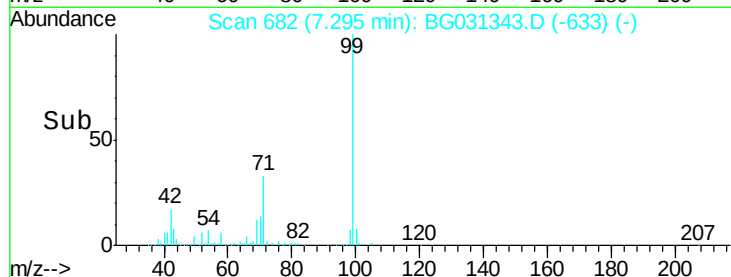
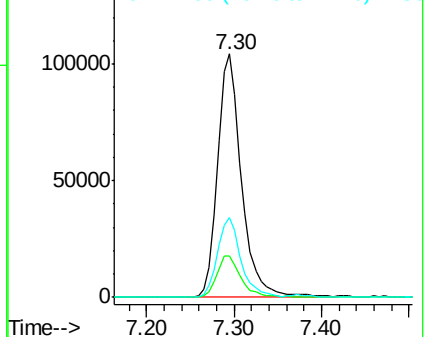
99 100

42 17.2 14.1 21.1

71 33.0 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



#18

Hexachloroethane

Concen: 4.67 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

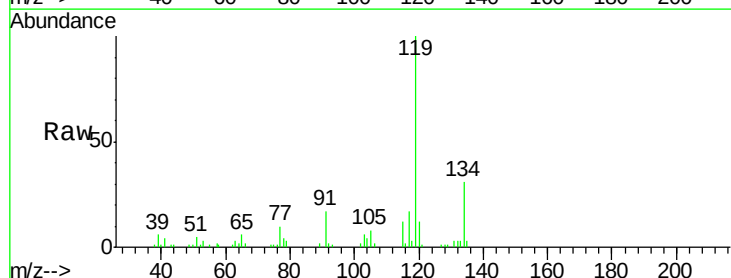
Tgt Ion: 117 Resp: 8009

Ion Ratio Lower Upper

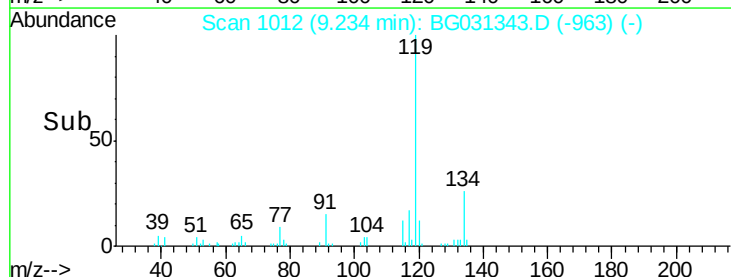
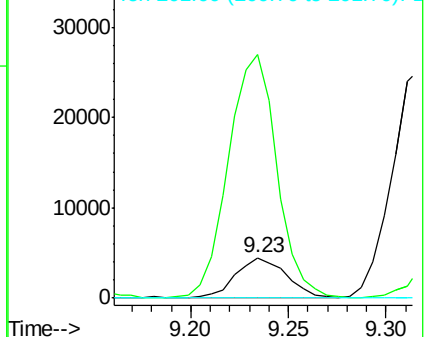
117 100

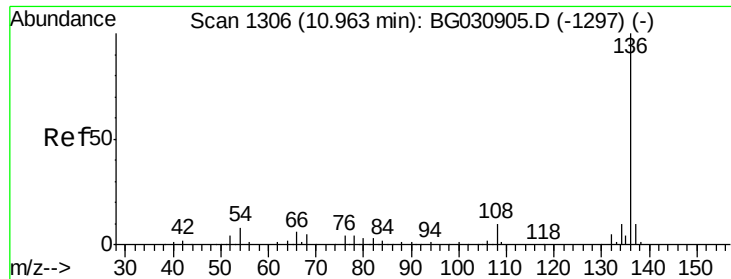
119 600.3 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

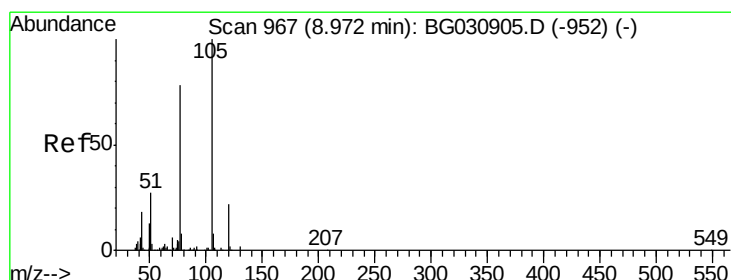
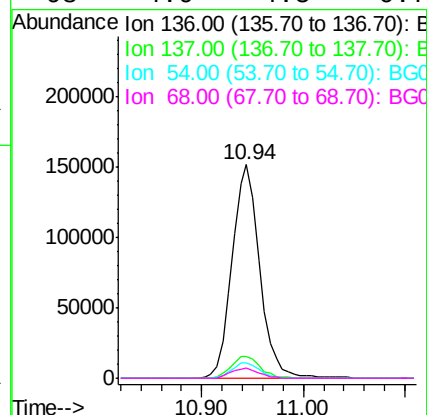
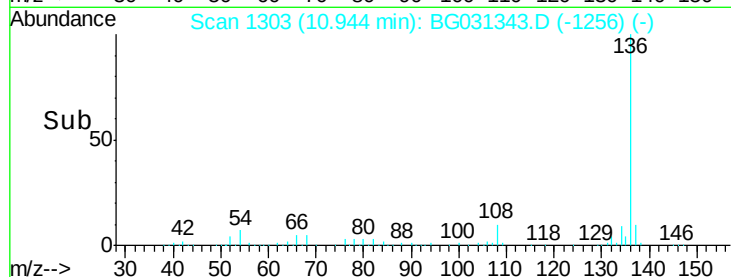
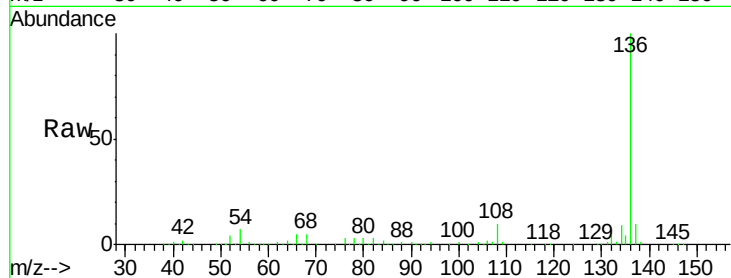




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031343.D
Acq: 2 Dec 2017 7:37

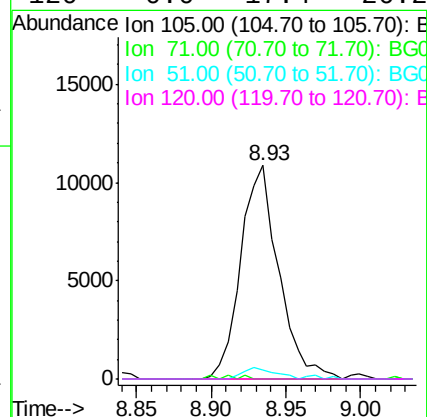
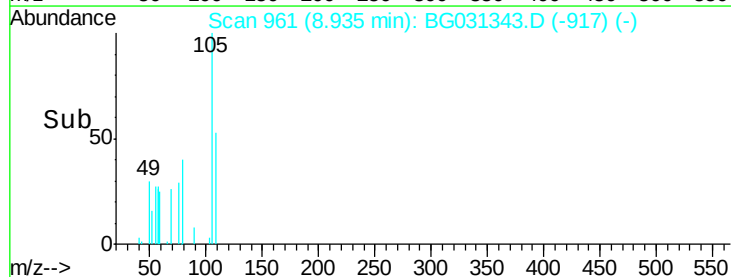
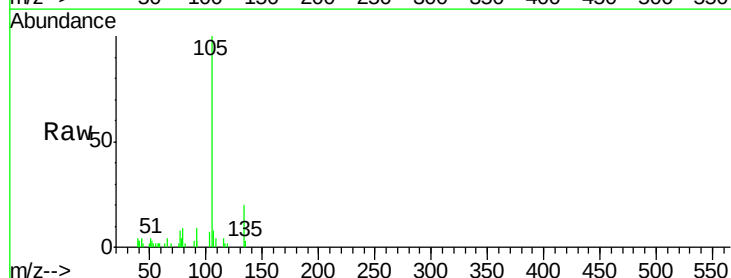
Instrument :
BNA_G
ClientSampleId :
MW-3A

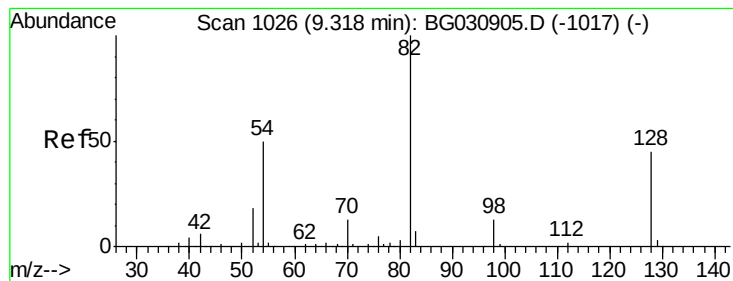
Tot Ion:136	Resp:	286455
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.2 13.8
54	7.0	10.3 15.5#
68	4.9	4.5 6.7



#22
Acetophenone
Concen: 2.70 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG031343.D
Acq: 2 Dec 2017 7:37

Tgt Ion:105	Resp:	19227
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	4.0	26.1 39.1#
120	0.0	17.4 26.2#





#23

Nitrobenzene-d5

Concen: 86.57 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

Instrument :

BNA_G

ClientSampleId :

MW-3A

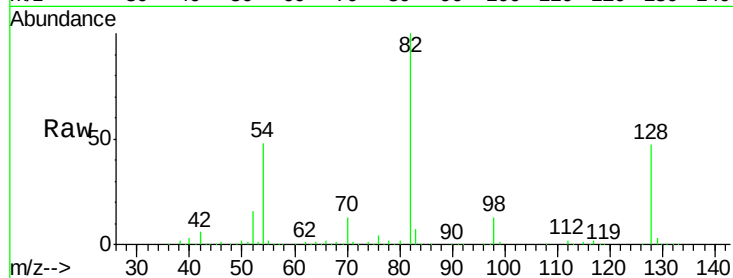
Tot Ion: 82 Resp: 418499

Ion Ratio Lower Upper

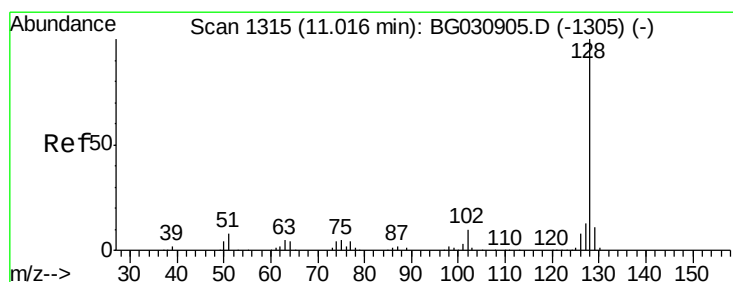
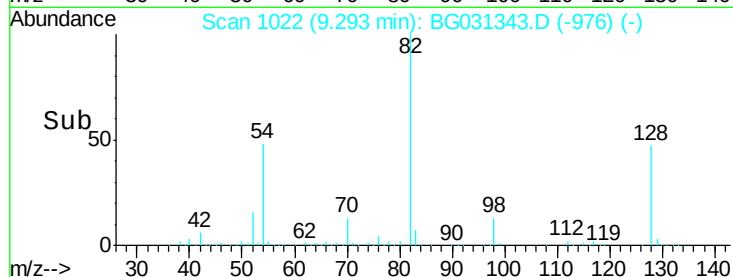
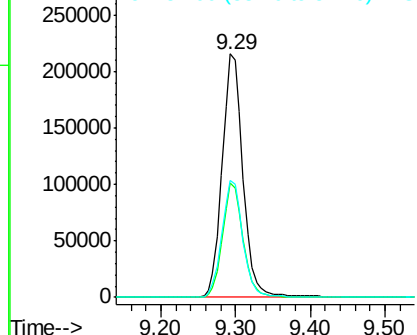
82 100

128 46.8 29.7 44.5#

54 48.2 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



#31

Naphthalene

Concen: 2.26 ng

RT: 10.99 min Scan# 1311

Delta R.T. -0.03 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

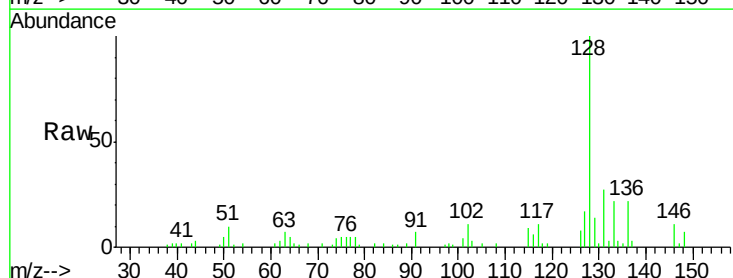
Tgt Ion:128 Resp: 31819

Ion Ratio Lower Upper

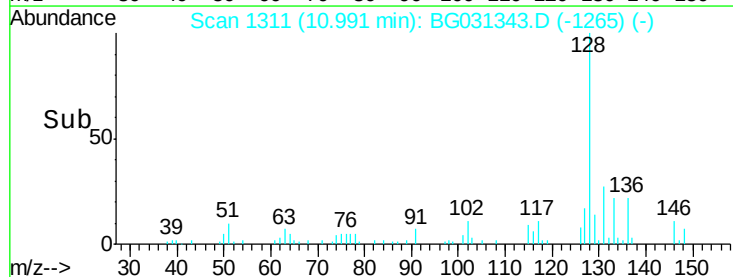
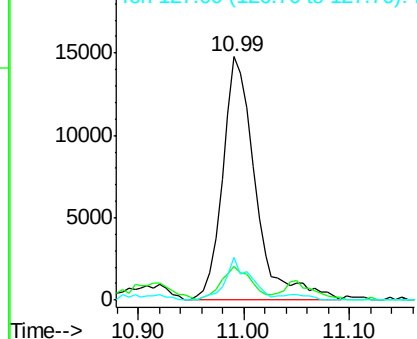
128 100

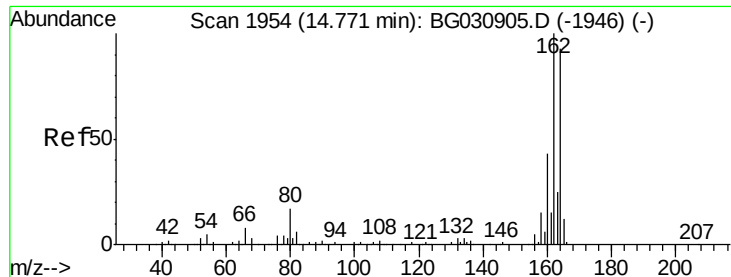
129 14.1 8.6 12.8#

127 17.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

Instrument :

BNA_G

ClientSampleId :

MW-3A

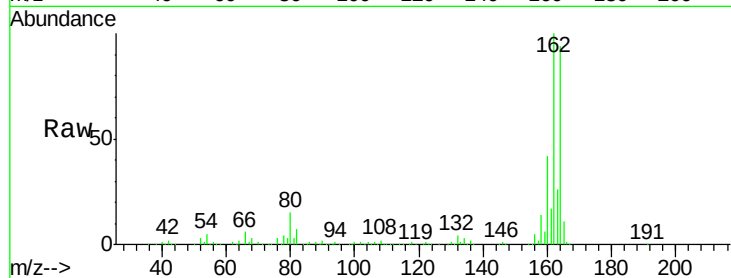
Tot Ion:164 Resp: 188667

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

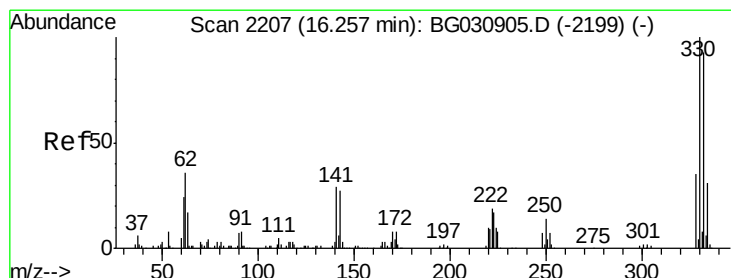
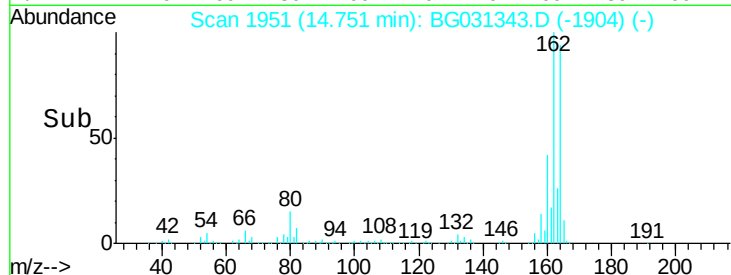
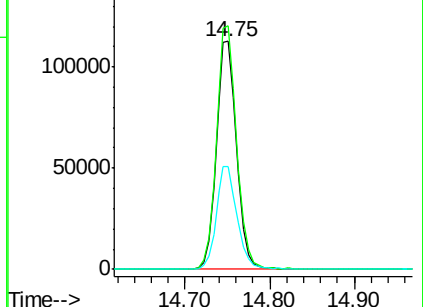
160 44.8 35.4 53.0



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: 109.71 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

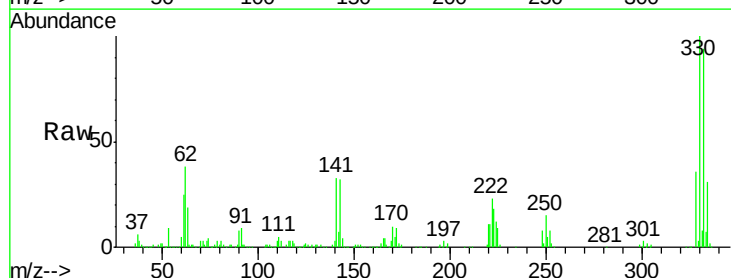
Tgt Ion:330 Resp: 334831

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

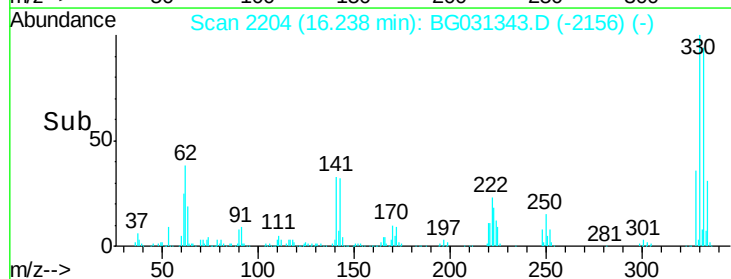
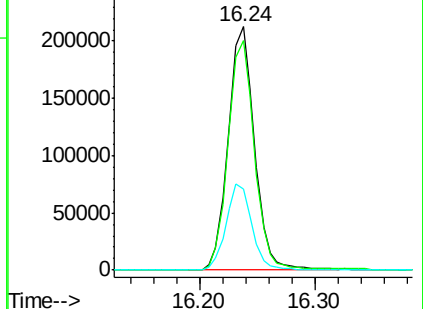
141 35.1 25.2 37.8

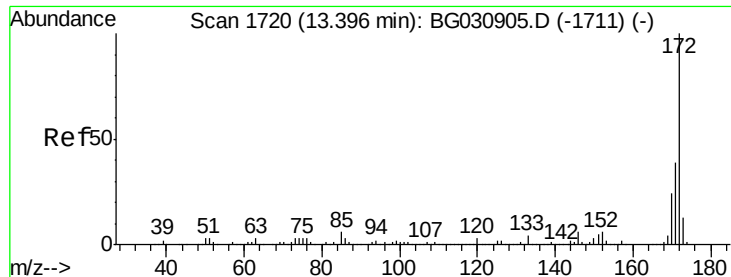


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



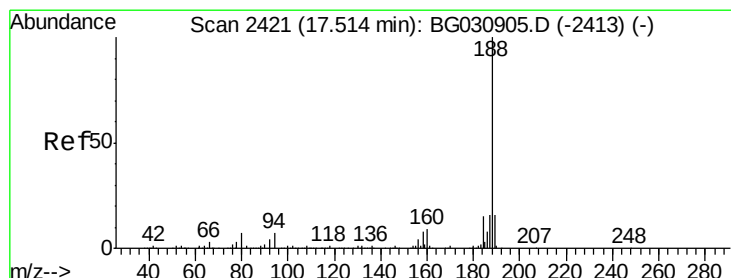
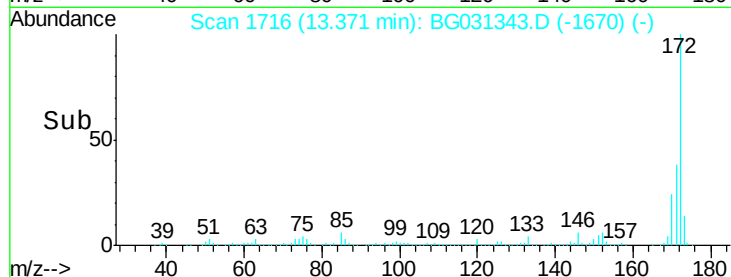
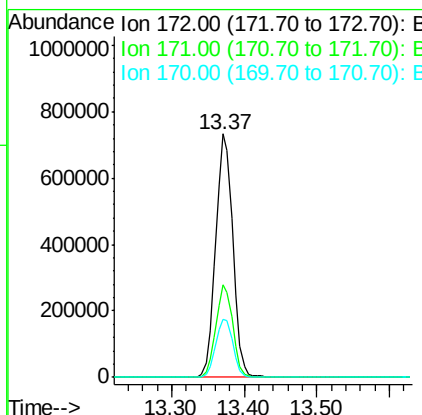
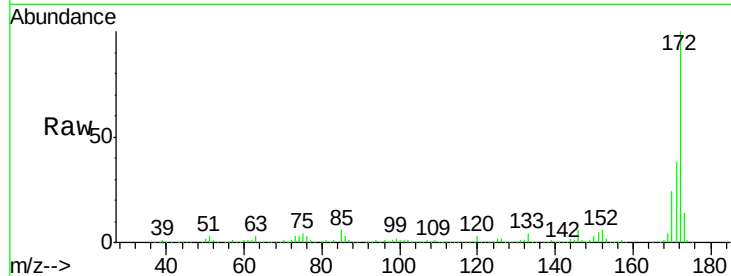


#44
 2-Fluorobiphenyl
 Concen: 91.73 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031343.D
 Acq: 2 Dec 2017 7:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-3A

Tot Ion:172 Resp: 1204408

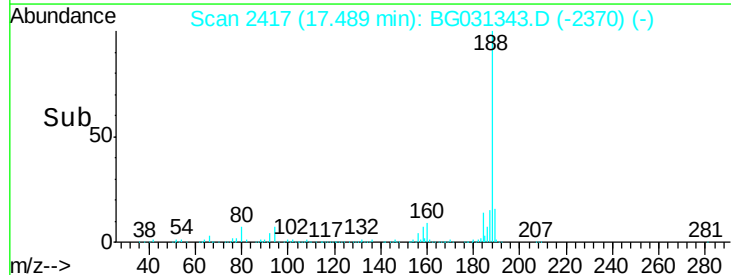
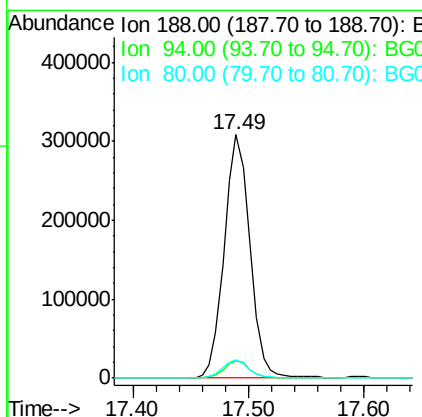
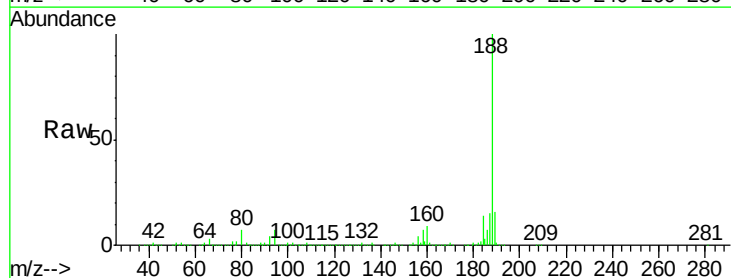
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.7	19.5	29.3

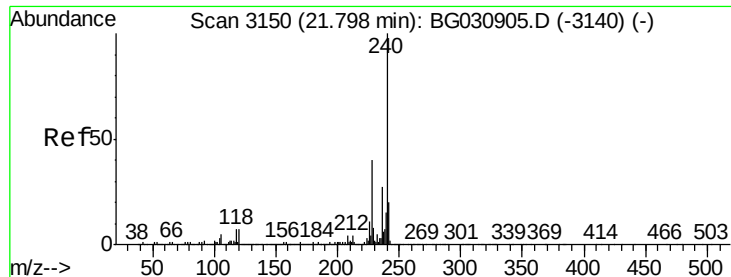


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031343.D
 Acq: 2 Dec 2017 7:37

Tgt Ion:188 Resp: 475530

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	7.5	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

Instrument :

BNA_G

ClientSampleId :

MW-3A

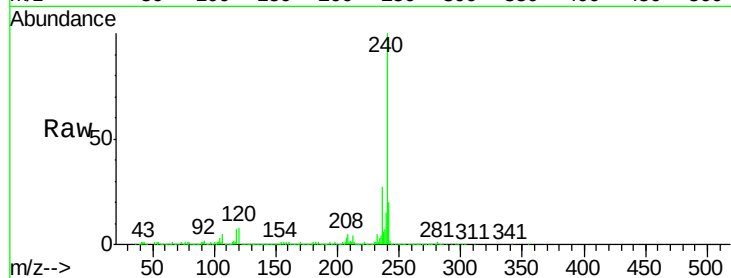
Tot Ion:240 Resp: 521429

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

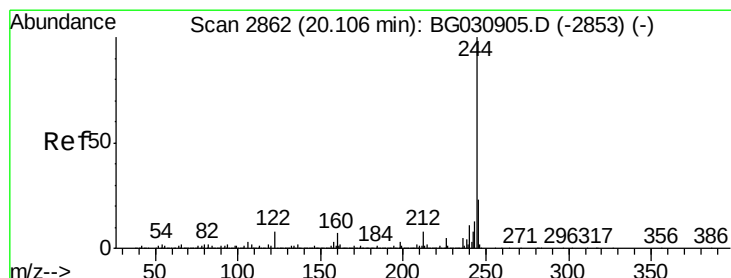
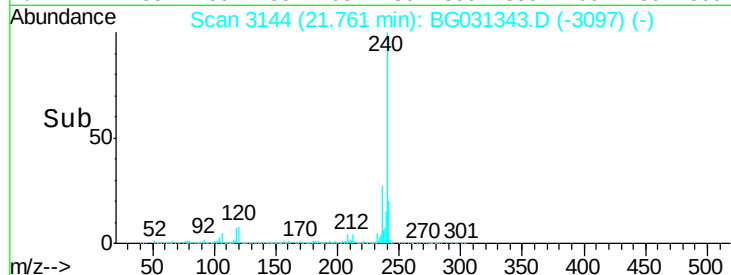
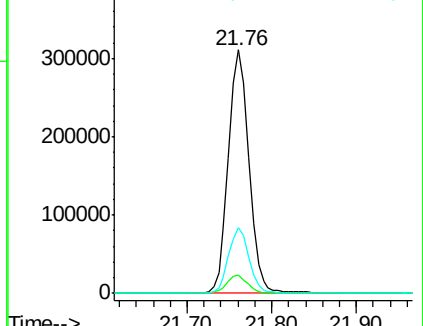
236 27.1 20.9 31.3



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: 82.85 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031343.D

Acq: 2 Dec 2017 7:37

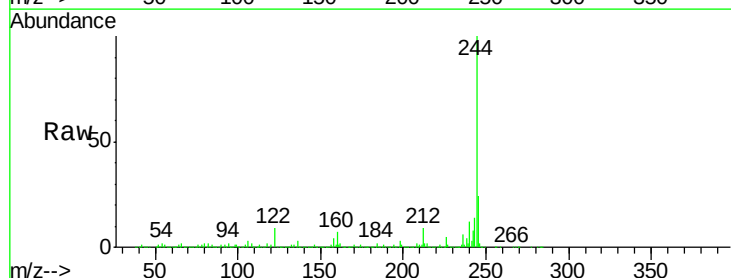
Tgt Ion:244 Resp: 1956349

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

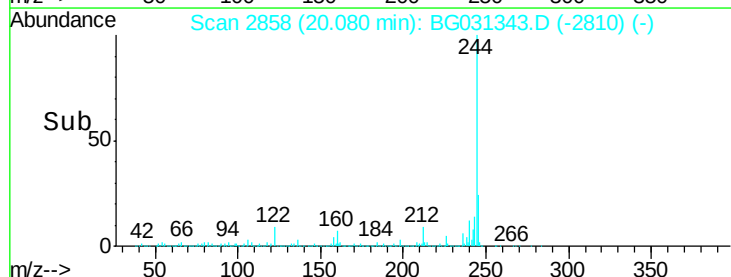
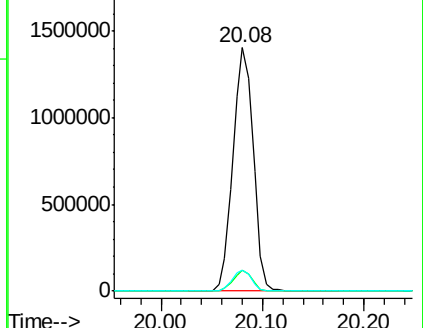
122 8.8 7.0 10.4

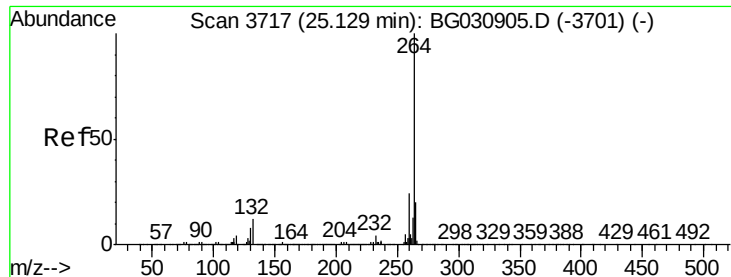


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031343.D
Acq: 2 Dec 2017 7:37

Instrument :
BNA_G
ClientSampleId :
MW-3A

Tot Ion: 264 Resp: 514225
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 22.5 17.7 26.5

