

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024735.D
 Acq On : 7 Nov 2016 19:07
 Operator : UM/SJ
 Sample : H5544-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-108-9.5-23.0

Quant Time: Nov 08 02:37:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

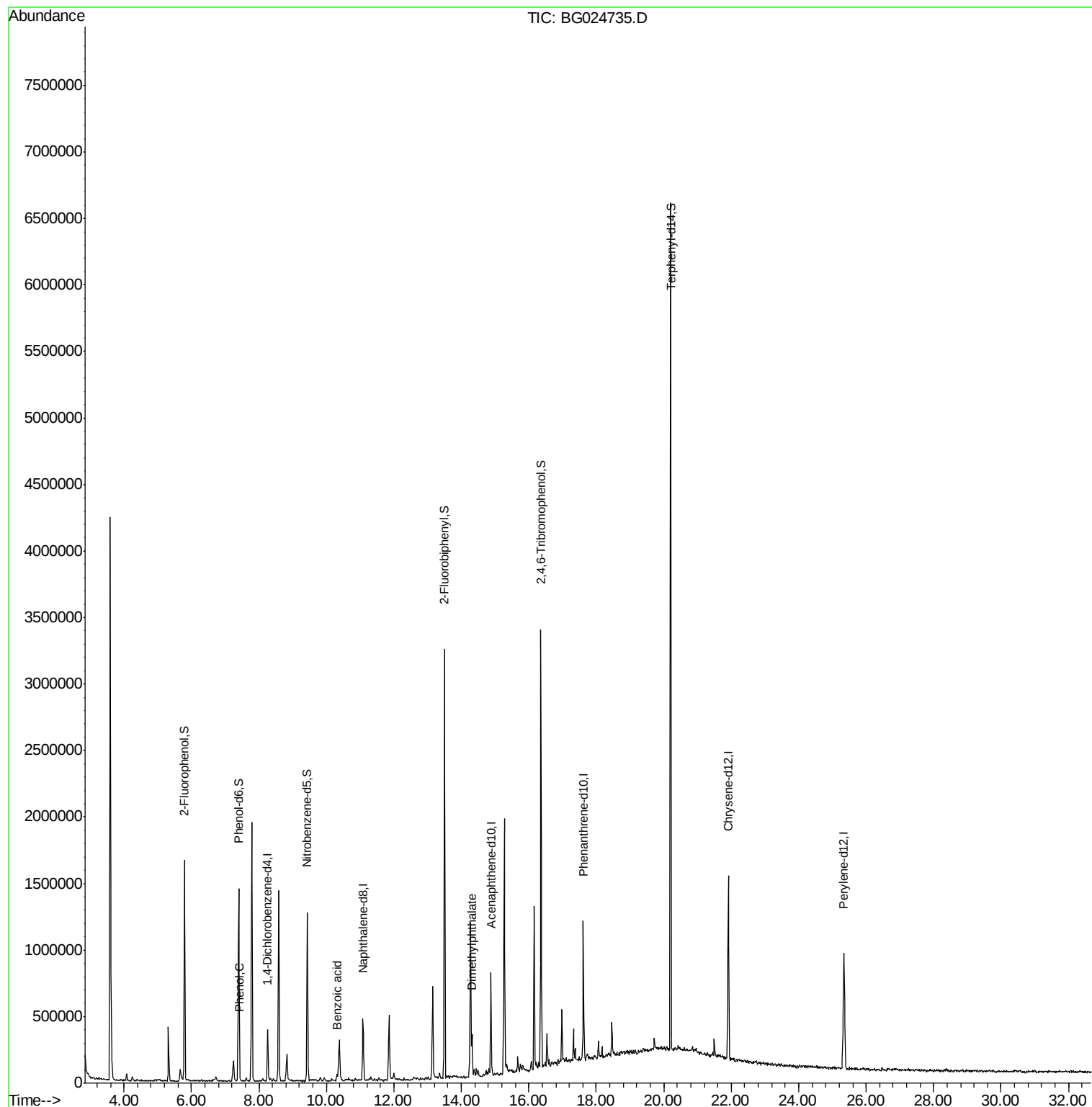
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	98451	20.00	ng	-0.01
21) Naphthalene-d8	11.09	136	377507	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	287664	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	637142	20.00	ng	-0.01
75) Chrysene-d12	21.91	240	927428	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1054062	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	669451	111.45	ng	0.00
7) Phenol-d6	7.40	99	804410	97.63	ng	0.00
23) Nitrobenzene-d5	9.43	82	773815	93.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	638441	148.56	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	1641598	94.85	ng	-0.02
78) Terphenyl-d14	20.20	244	2708989	87.28	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	20391	2.40	ng	Qvalue 80
32) Benzoic acid	10.32	122	23222	4.65	ng	# 83
49) Dimethylphthalate	14.32	163	173702	8.51	ng	# 93

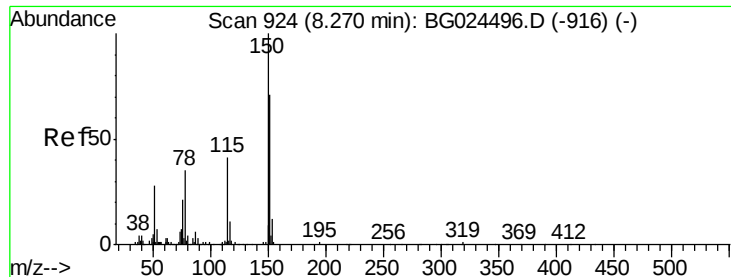
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

Instrument :

BNA_G

ClientSampleId :

GW-108-9.5-23.0

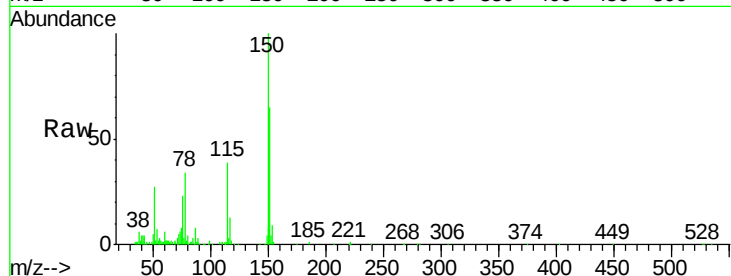
Tot Ion:152 Resp: 98451

Ion Ratio Lower Upper

152 100

150 153.5 114.0 171.0

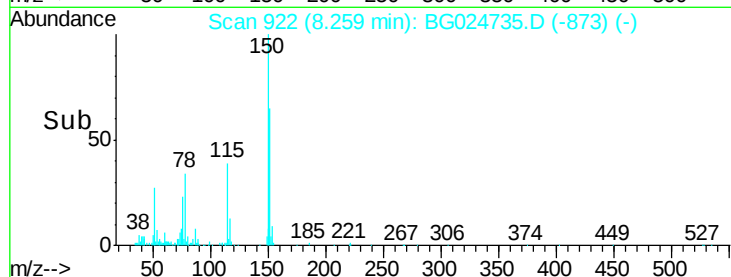
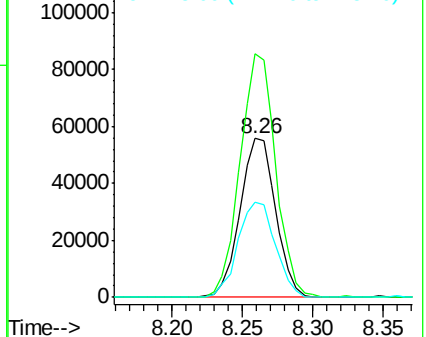
115 60.0 48.1 72.1



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: 111.45 ng

RT: 5.80 min Scan# 503

Delta R.T. 0.00 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

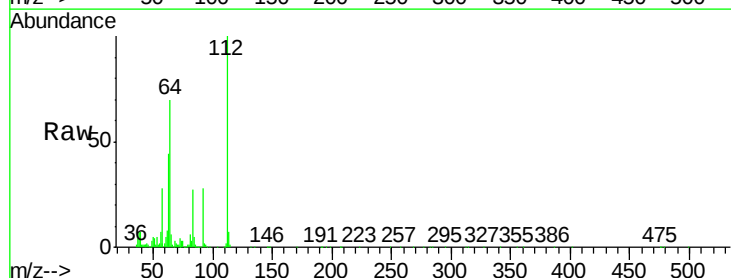
Tgt Ion:112 Resp: 669451

Ion Ratio Lower Upper

112 100

64 70.4 61.8 92.6

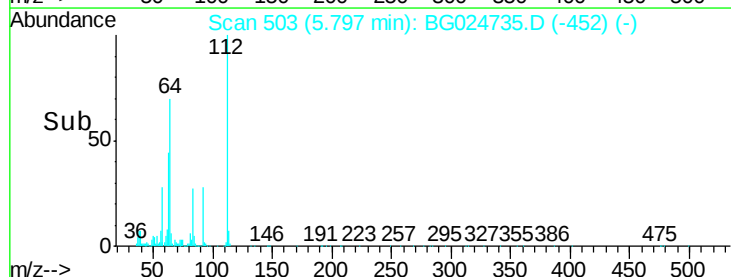
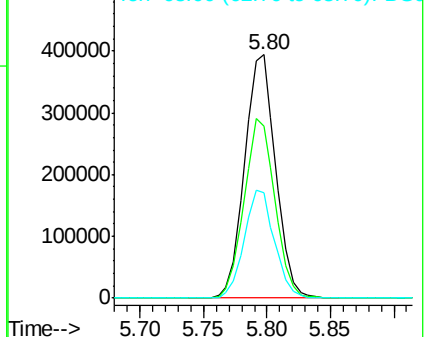
63 43.5 37.2 55.8

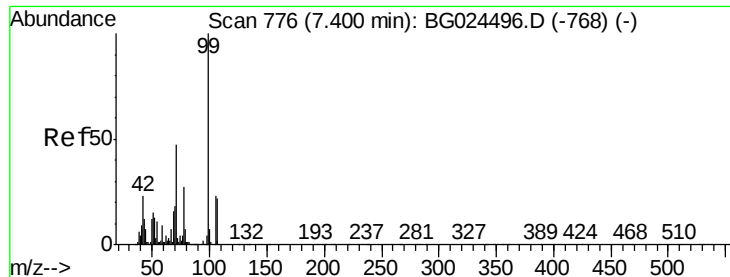


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.63 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

Instrument :

BNA_G

ClientSampleId :

GW-108-9.5-23.0

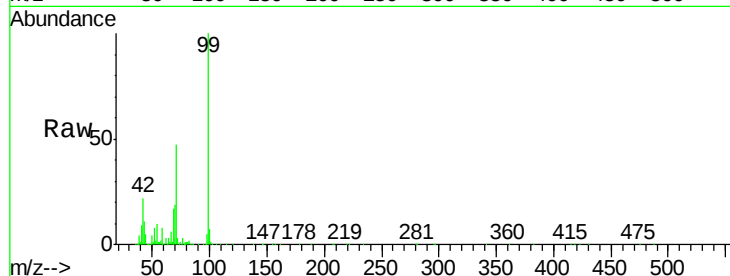
Tot Ion: 99 Resp: 804410

Ion Ratio Lower Upper

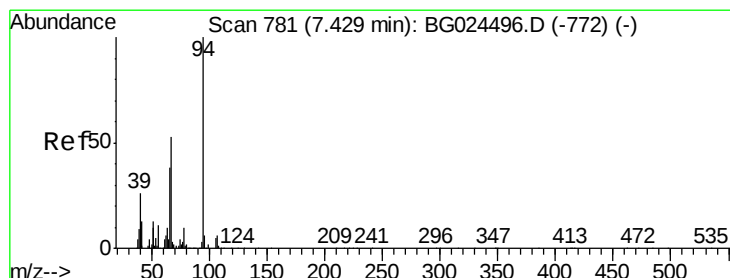
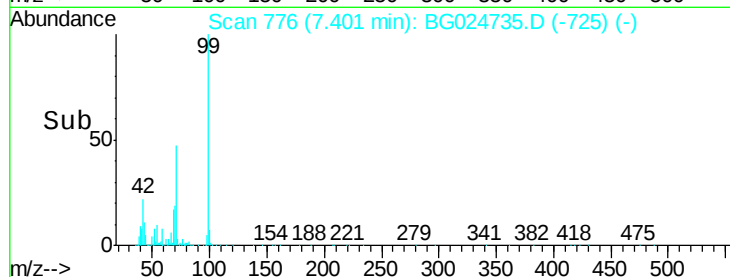
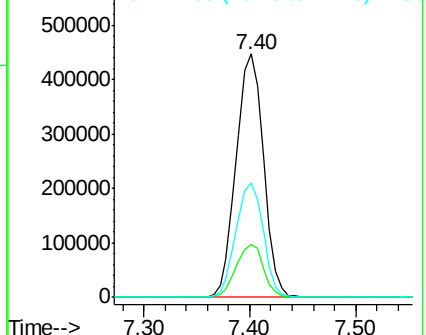
99 100

42 21.7 20.5 30.7

71 46.8 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: 2.40 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

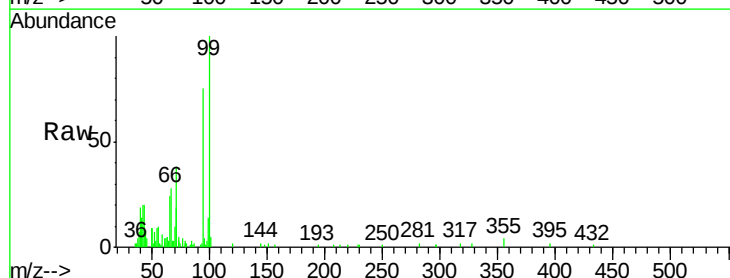
Tgt Ion: 94 Resp: 20391

Ion Ratio Lower Upper

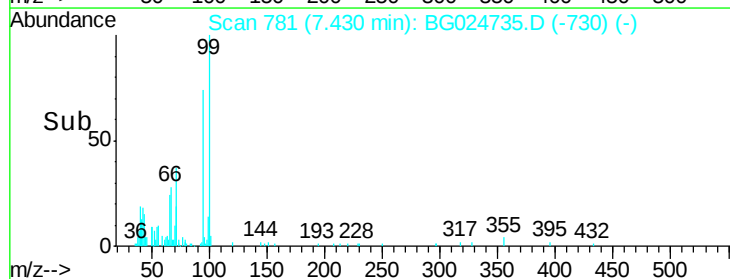
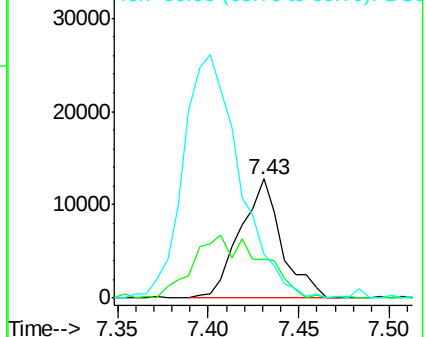
94 100

65 32.3 20.6 60.6

66 37.1 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

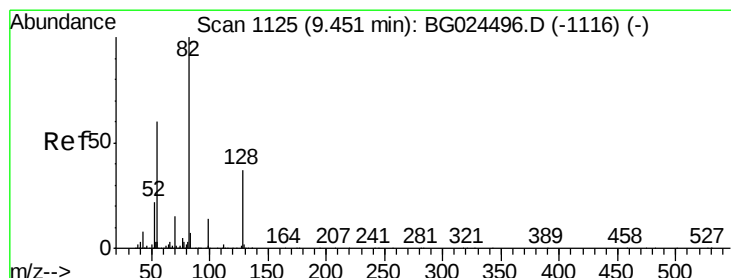
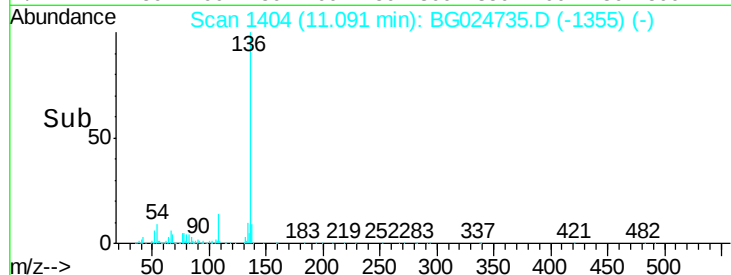
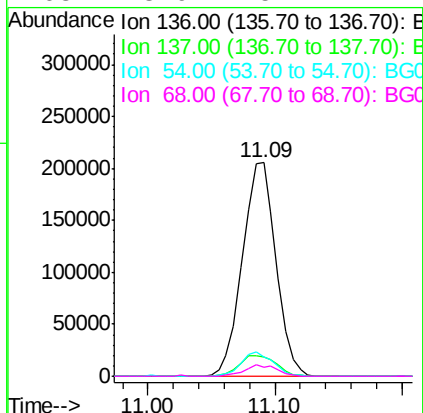
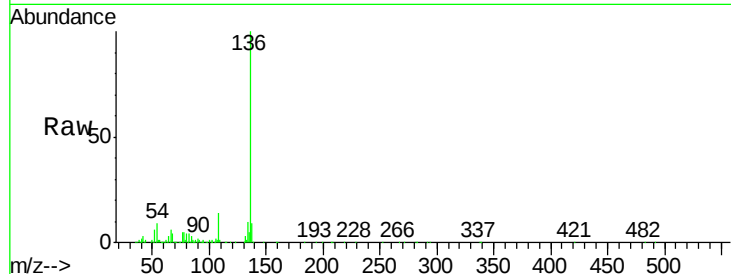




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG024735.D
Acq: 7 Nov 2016 19:07

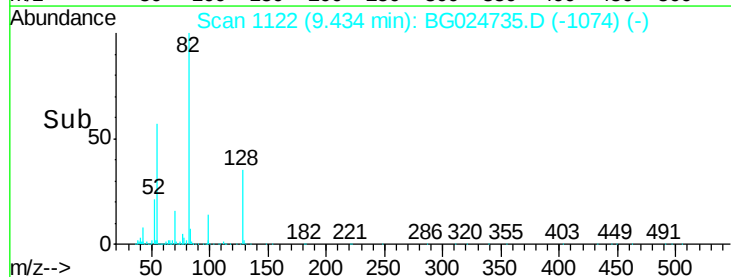
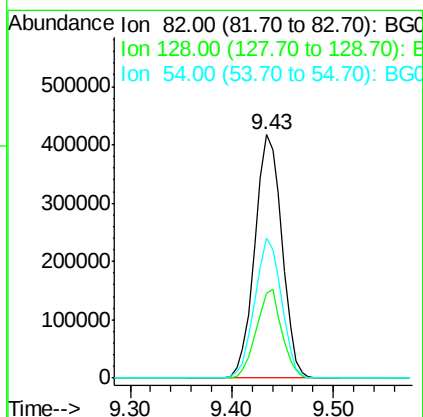
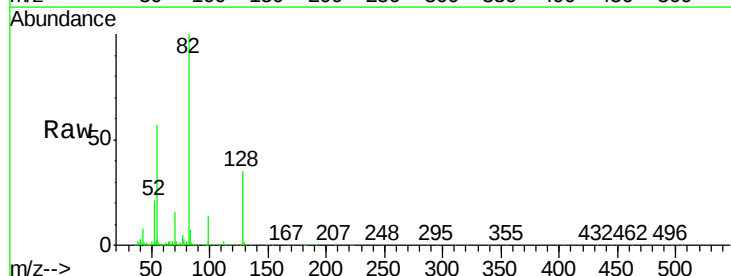
Instrument :
BNA_G
ClientSampleId :
GW-108-9.5-23.0

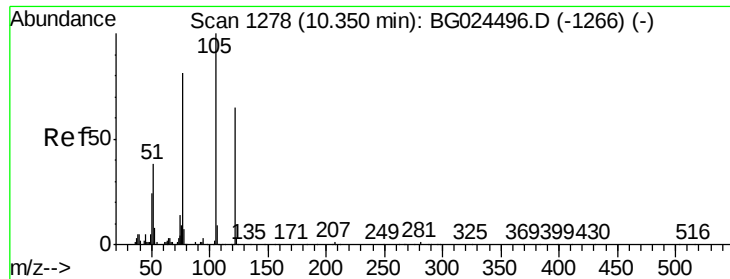
Tot Ion:136	Resp:	377507
Ion Ratio	Lower	Upper
136 100		
137 9.0	8.9	13.3
54 9.2	9.3	13.9#
68 3.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 93.33 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BG024735.D
Acq: 7 Nov 2016 19:07

Tgt	Ion: 82	Resp:	773815
Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	57.4	49.4	74.2





#32

Benzoic acid

Concen: 4.65 ng

RT: 10.32 min Scan# 1272

Delta R.T. -0.03 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

Instrument :

BNA_G

ClientSampleId :

GW-108-9.5-23.0

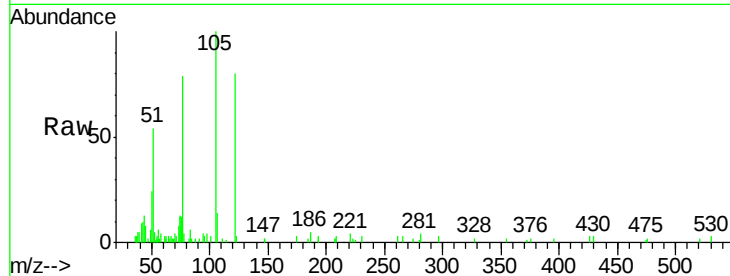
Tot Ion:122 Resp: 23222

Ion Ratio Lower Upper

122 100

105 125.2 120.1 160.1

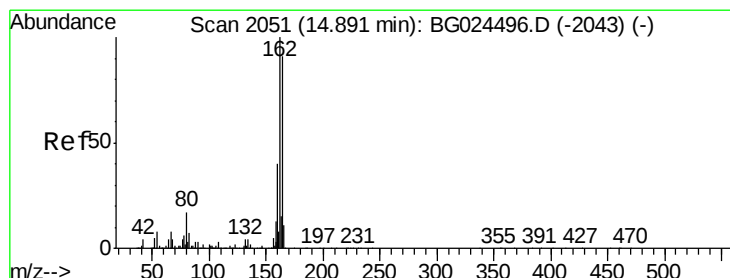
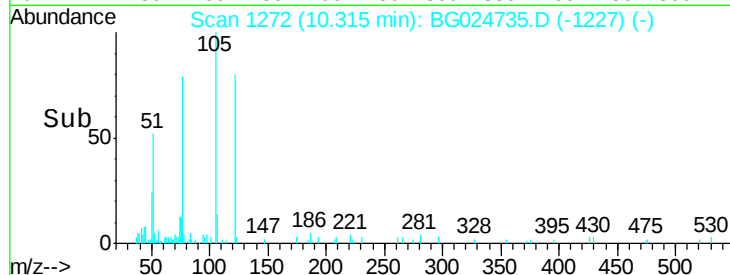
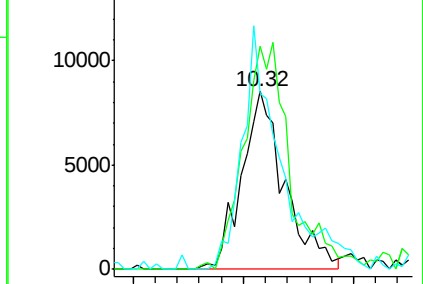
77 98.5 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

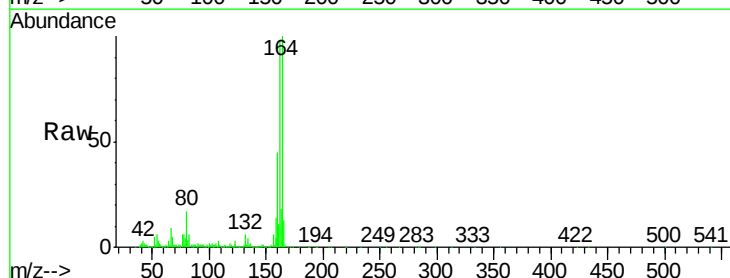
Tgt Ion:164 Resp: 287664

Ion Ratio Lower Upper

164 100

162 97.8 85.1 127.7

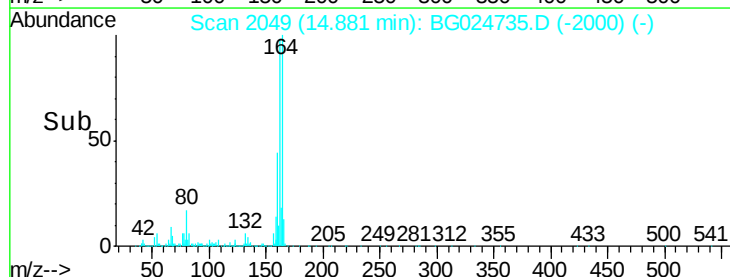
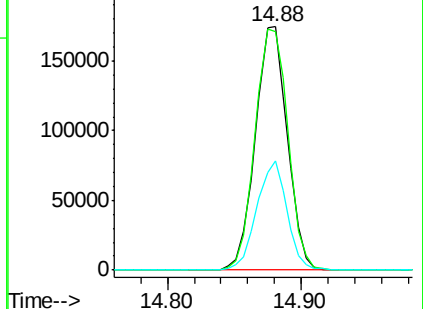
160 44.6 34.7 52.1

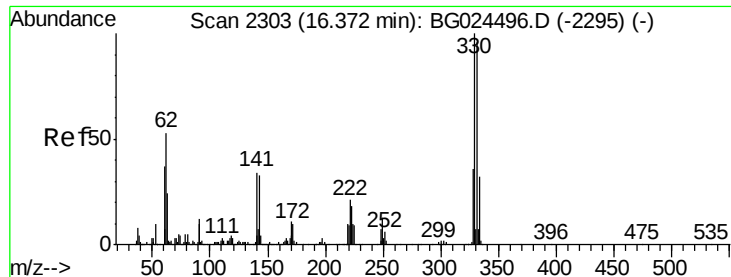


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

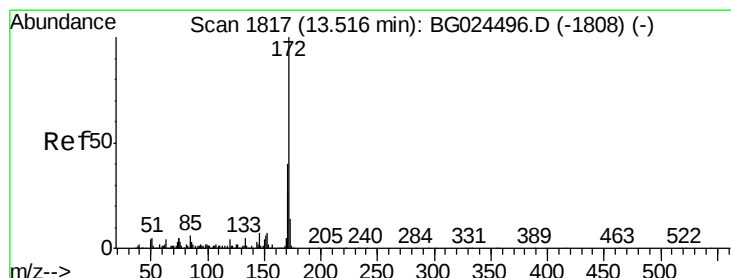
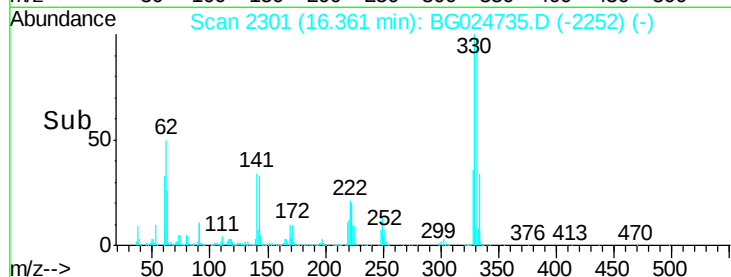
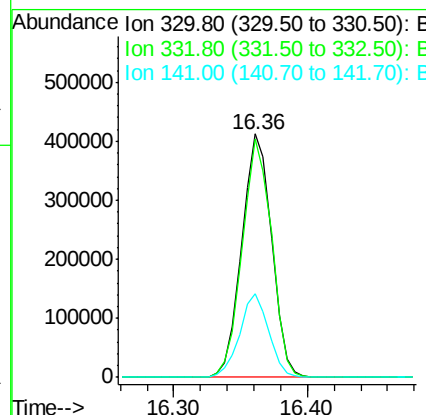
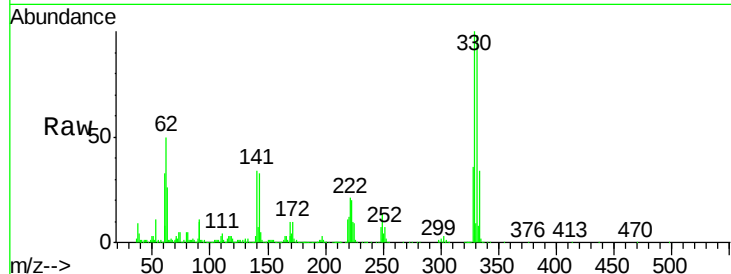




#41
 2,4,6-Tribromophenol
 Concen: 148.56 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG024735.D
 Acq: 7 Nov 2016 19:07

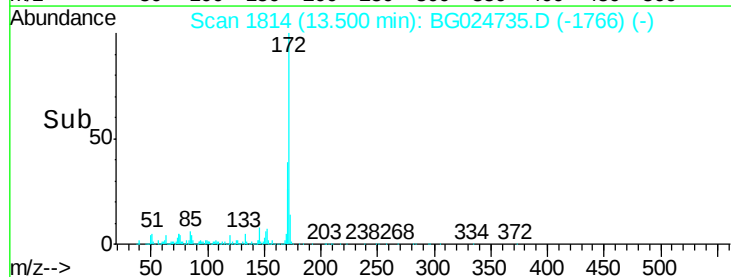
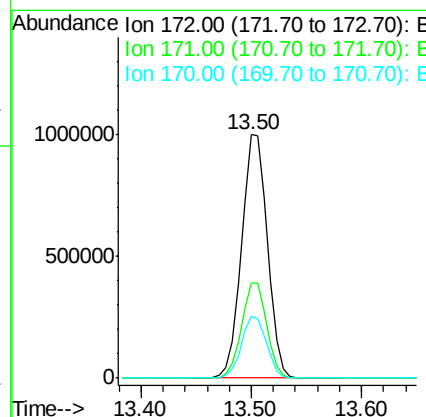
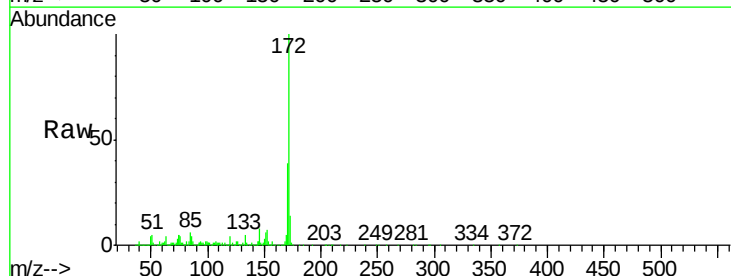
Instrument :
 BNA_G
 ClientSampleId :
 GW-108-9.5-23.0

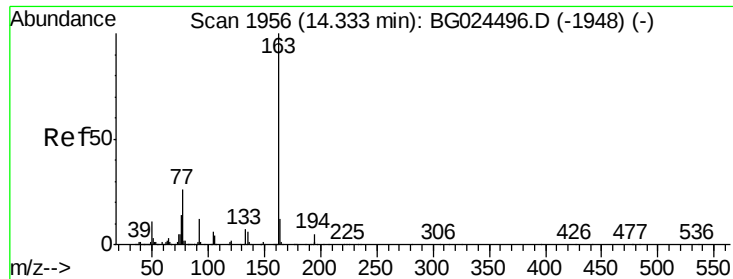
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG024735.D
 Acq: 7 Nov 2016 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.6	21.8	32.6





#49

Dimethylphthalate

Concen: 8.51 ng

RT: 14.32 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

Instrument :

BNA_G

ClientSampleId :

GW-108-9.5-23.0

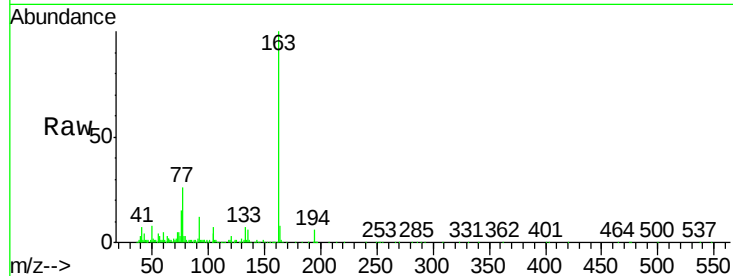
Tot Ion:163 Resp: 173702

Ion Ratio Lower Upper

163 100

194 5.7 3.8 5.6#

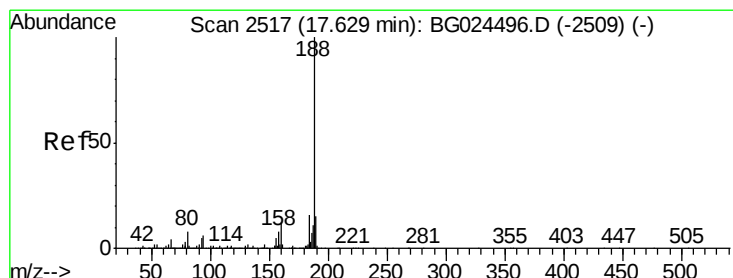
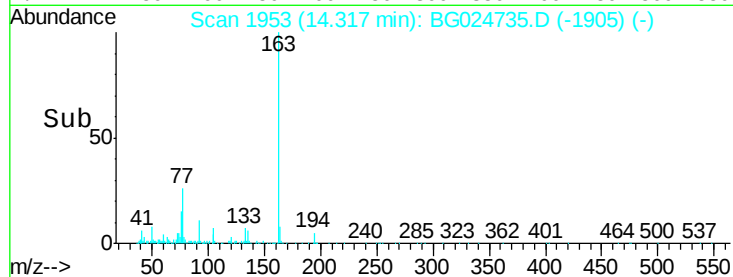
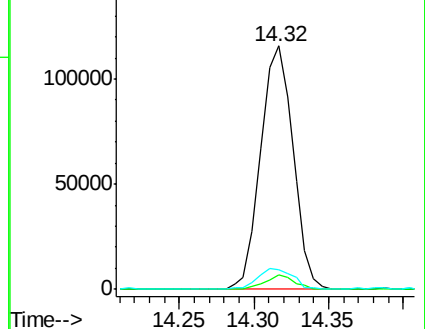
164 8.2 9.3 13.9#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG024735.D

Acq: 7 Nov 2016 19:07

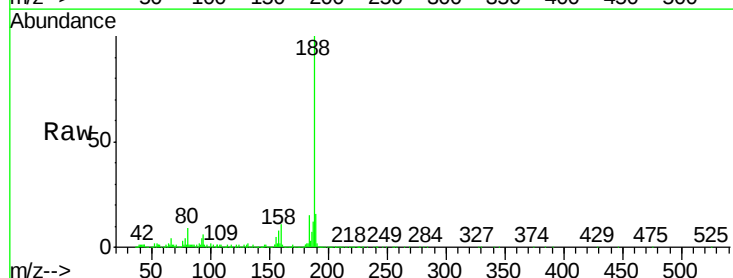
Tgt Ion:188 Resp: 637142

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

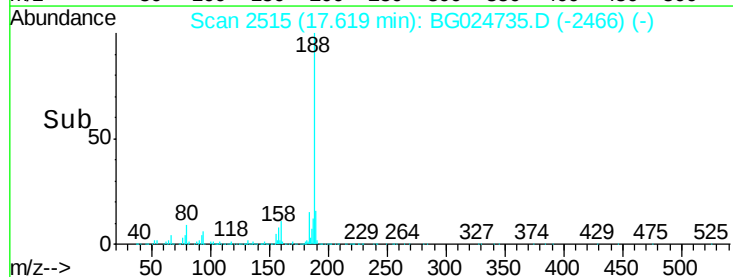
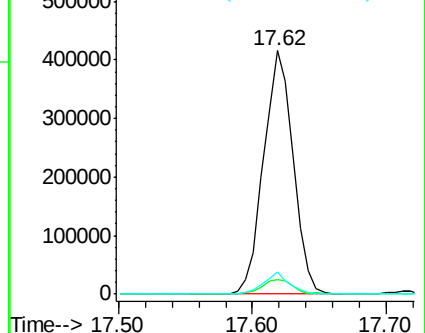
80 9.0 7.5 11.3

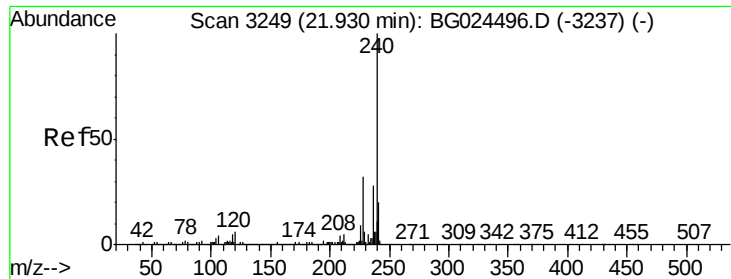


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

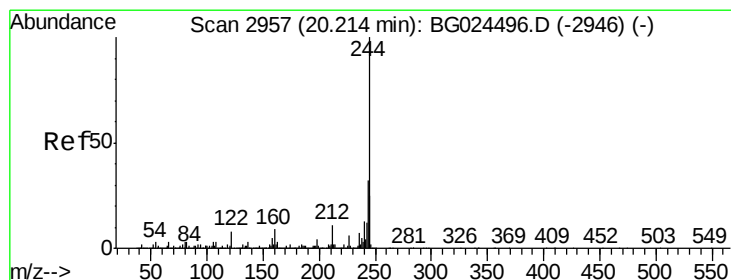
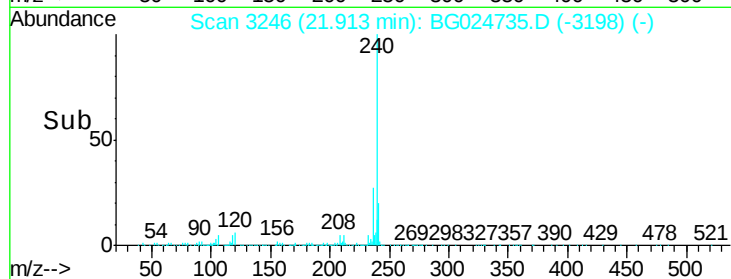
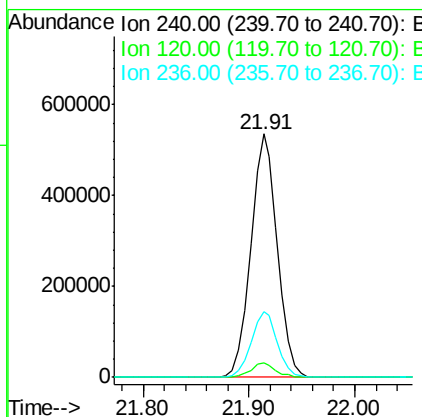
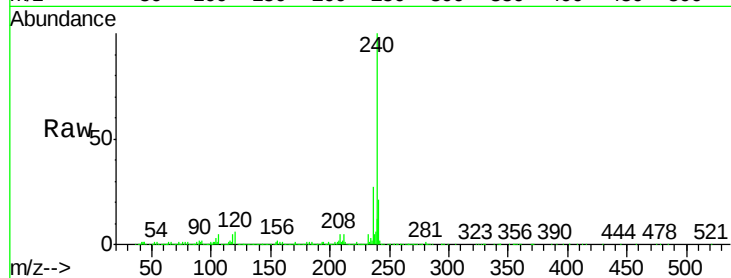




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BG024735.D
Acq: 7 Nov 2016 19:07

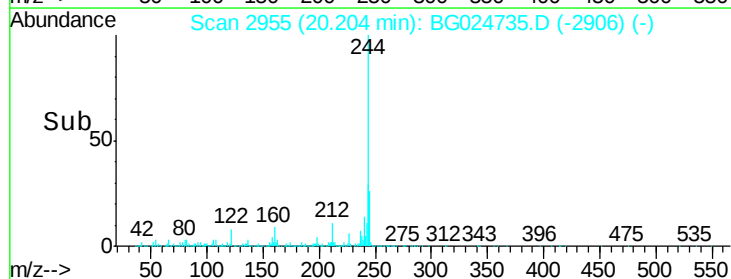
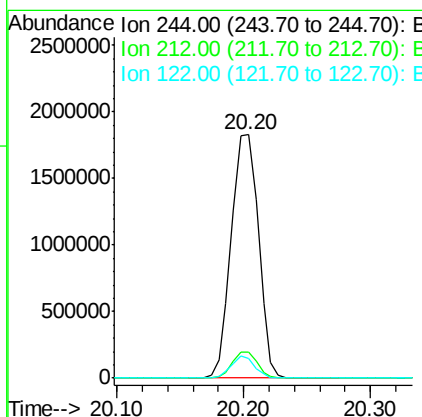
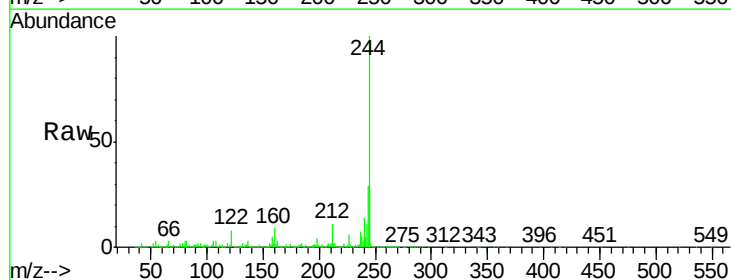
Instrument :
BNA_G
ClientSampleId :
GW-108-9.5-23.0

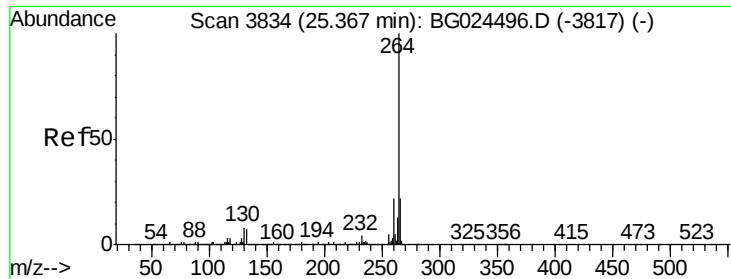
Tot Ion:240 Resp: 927428
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 27.2 22.2 33.4



#78
Terphenyl-d14
Concen: 87.28 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024735.D
Acq: 7 Nov 2016 19:07

Tgt Ion:244 Resp: 2708989
Ion Ratio Lower Upper
244 100
212 10.9 10.0 15.0
122 8.0 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.34 min Scan# 3829
 Delta R.T. -0.03 min
 Lab File: BG024735.D
 Acq: 7 Nov 2016 19:07

Instrument :
 BNA_G
 ClientSampleId :
 GW-108-9.5-23.0

Tot Ion:264 Resp: 1054062

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.3	18.2	27.4

