

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024719.D
 Acq On : 5 Nov 2016 19:08
 Operator : UM/SJ
 Sample : H5527-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-107-12.3-26.0

Quant Time: Nov 06 23:50:19 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

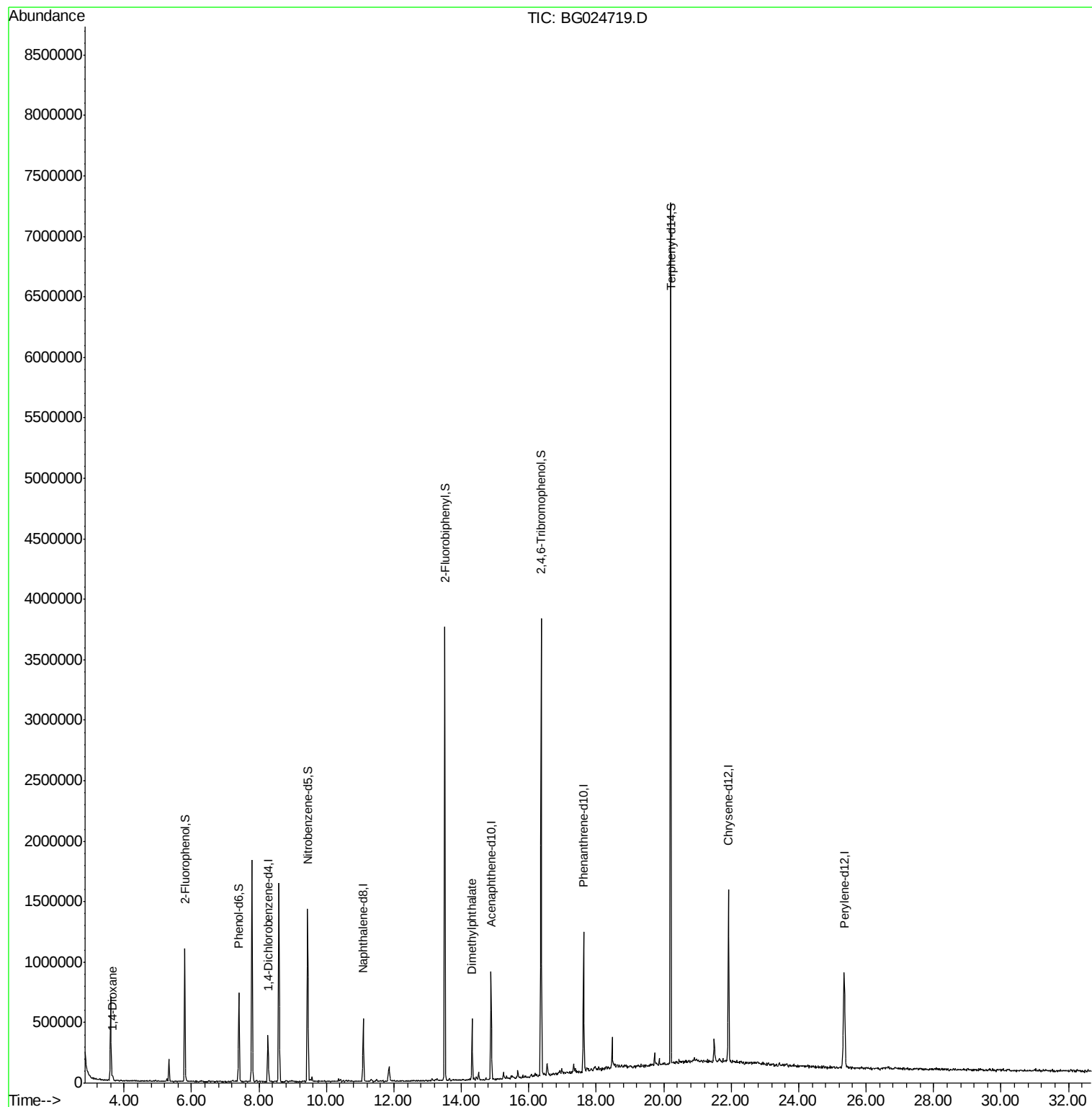
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	105628	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	412385	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	319184	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	738508	20.00	ng	0.00
75) Chrysene-d12	21.92	240	988023	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1021344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	435450	67.57	ng	0.00
7) Phenol-d6	7.40	99	401849	45.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	911793	100.67	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	769384	161.35	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1855840	96.64	ng	0.00
78) Terphenyl-d14	20.21	244	2943506	89.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.66	88	19844	7.54	ng	Qvalue # 93
49) Dimethylphthalate	14.32	163	315973	13.94	ng	96

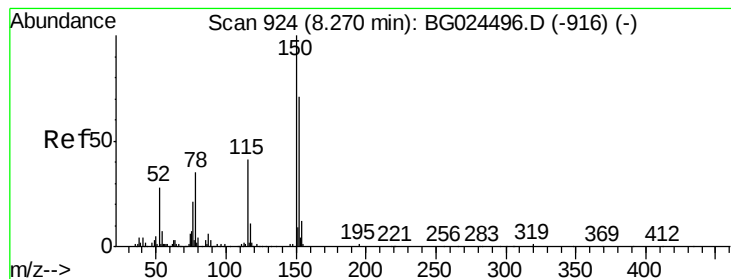
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

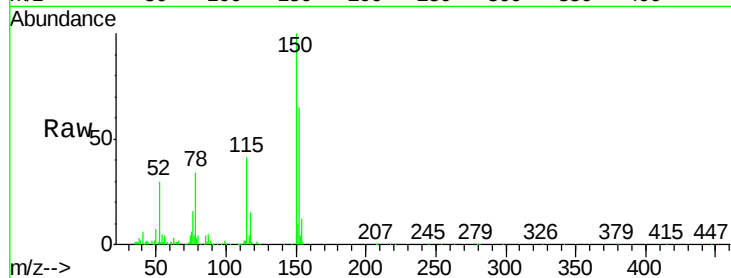
Tot Ion:152 Resp: 105628

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

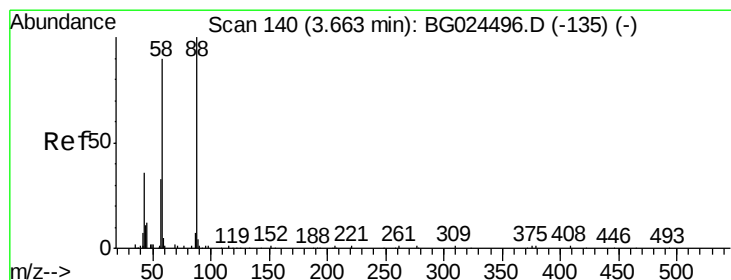
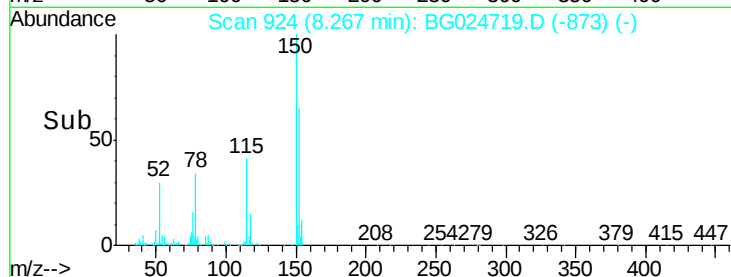
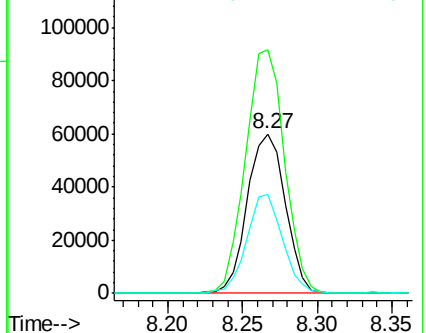
115 62.0 48.1 72.1



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



#2

1,4-Dioxane

Concen: 7.54 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

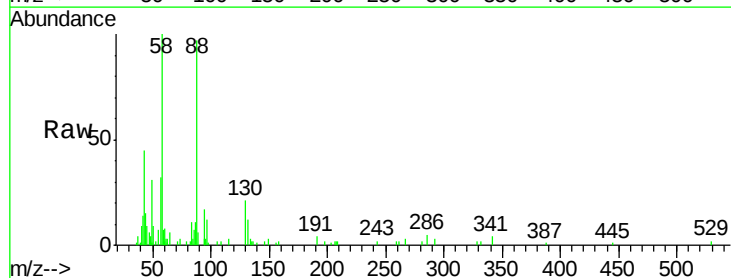
Tgt Ion: 88 Resp: 19844

Ion Ratio Lower Upper

88 100

58 99.8 79.4 119.2

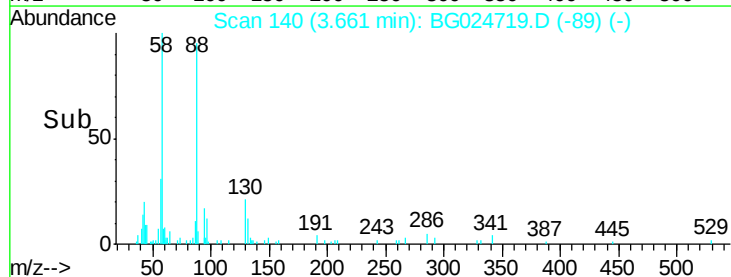
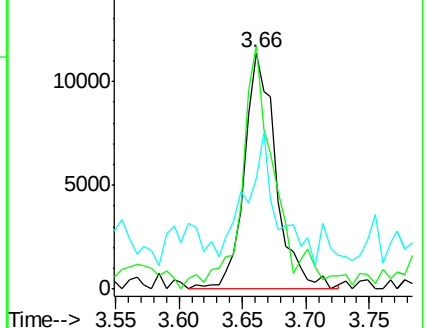
43 56.8 33.8 50.6#

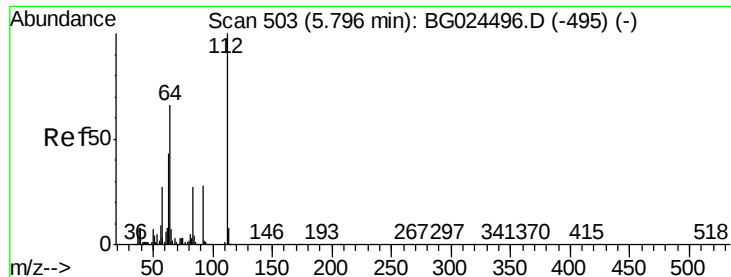


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 67.57 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

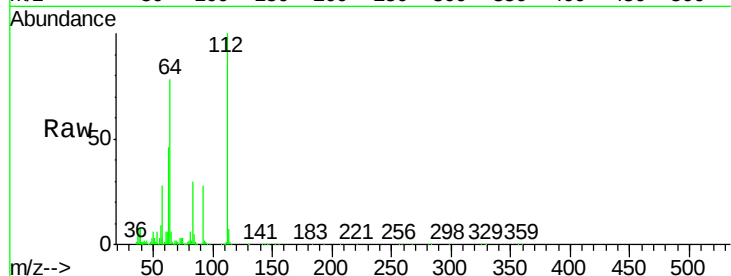
Tot Ion:112 Resp: 435450

Ion Ratio Lower Upper

112 100

64 77.8 61.8 92.6

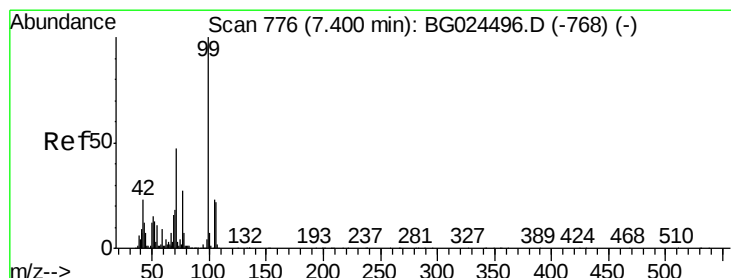
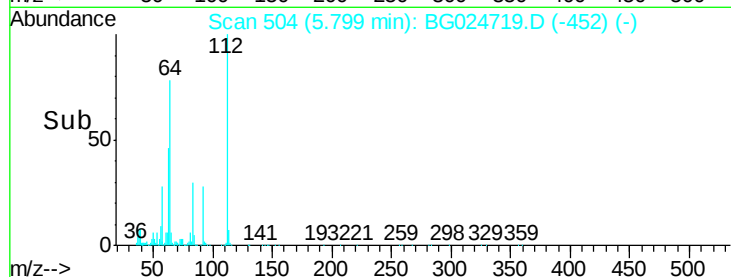
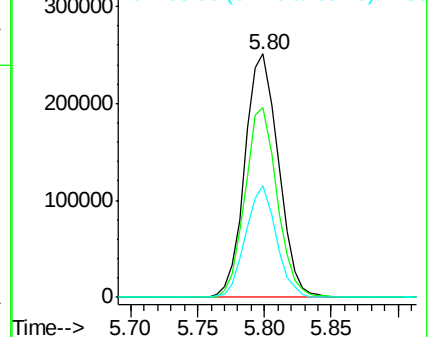
63 46.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 45.46 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

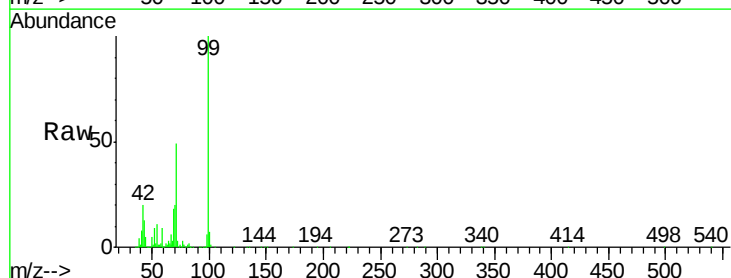
Tgt Ion: 99 Resp: 401849

Ion Ratio Lower Upper

99 100

42 20.1 20.5 30.7#

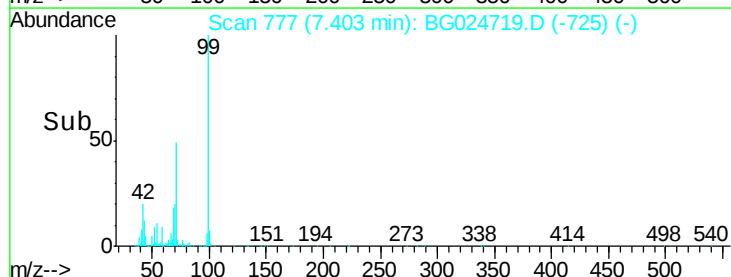
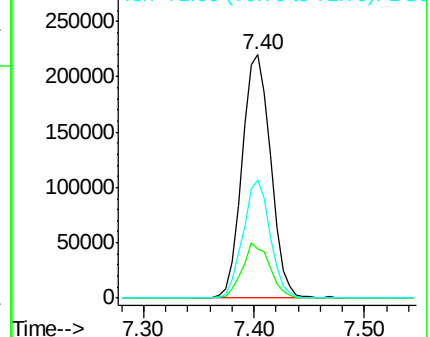
71 48.6 37.6 56.4

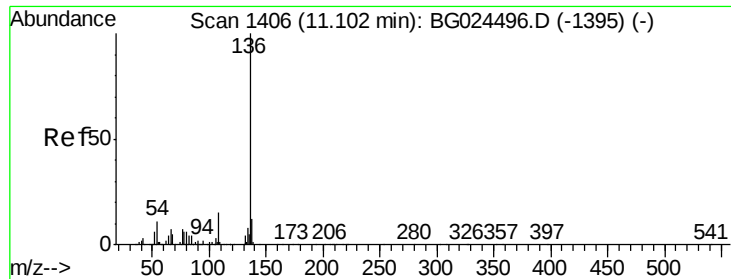


Abundance Ion 99.00 (98.70 to 99.70): BGC

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# 1405

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

Tot Ion:136 Resp: 412385

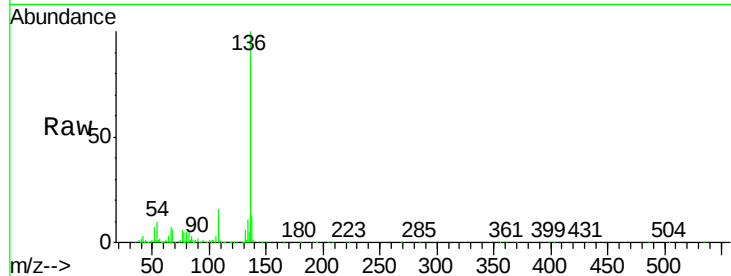
Ion Ratio Lower Upper

136 100

137 13.2 8.9 13.3

54 10.1 9.3 13.9

68 6.1 5.1 7.7

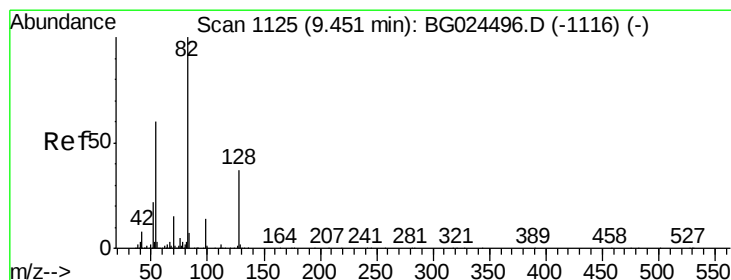
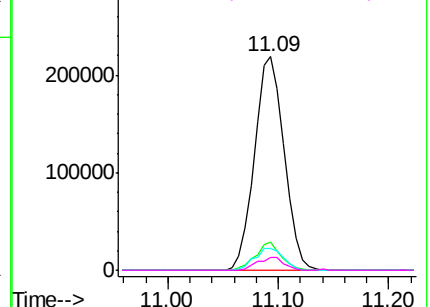
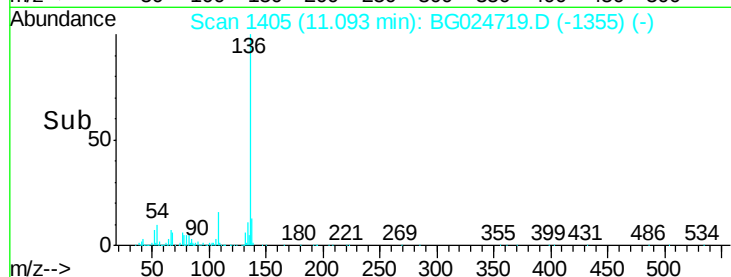


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 100.67 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

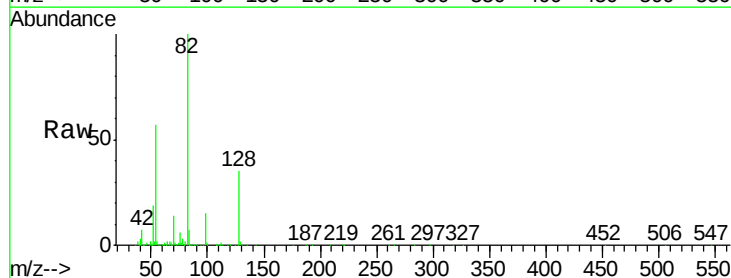
Tgt Ion: 82 Resp: 911793

Ion Ratio Lower Upper

82 100

128 34.7 26.4 39.6

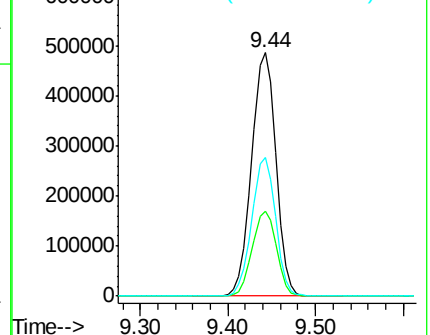
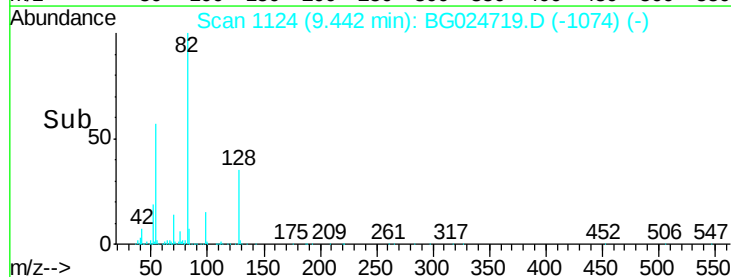
54 56.9 49.4 74.2

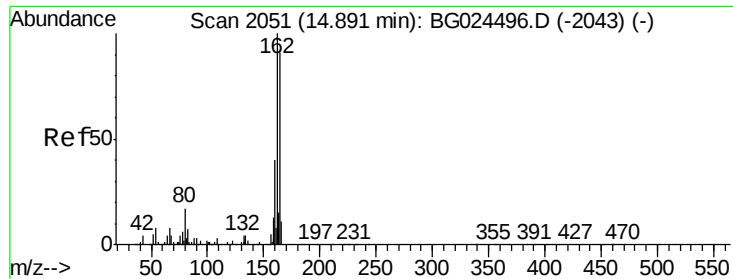


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

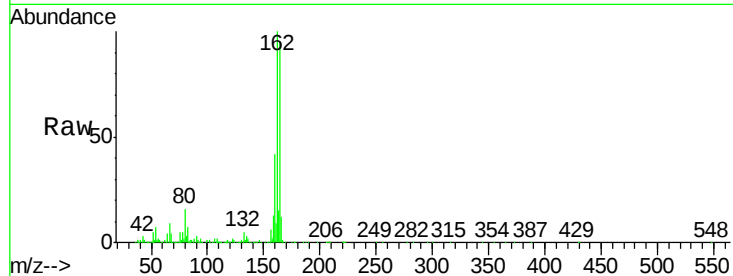
Tot Ion:164 Resp: 319184

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

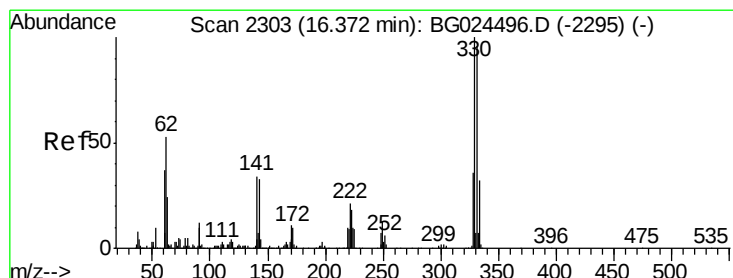
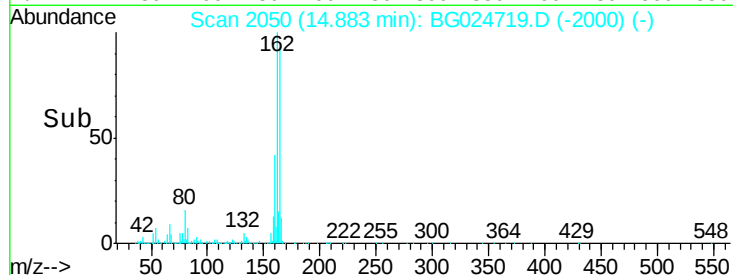
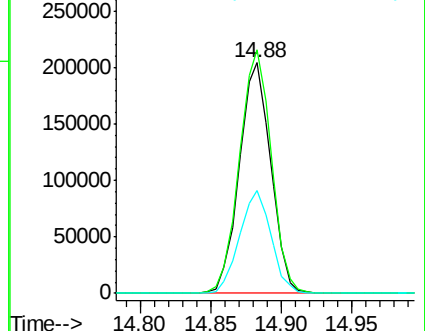
160 44.6 34.7 52.1



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: 161.35 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

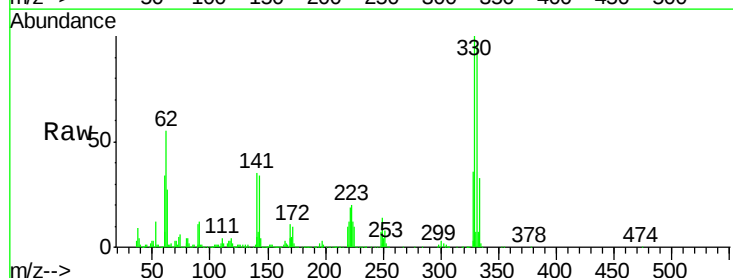
Tgt Ion:330 Resp: 769384

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

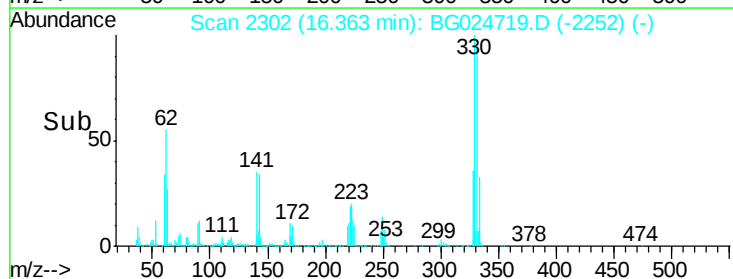
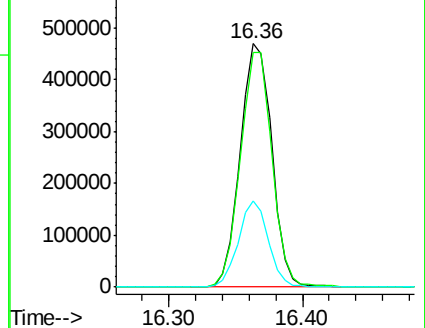
141 33.5 32.1 48.1

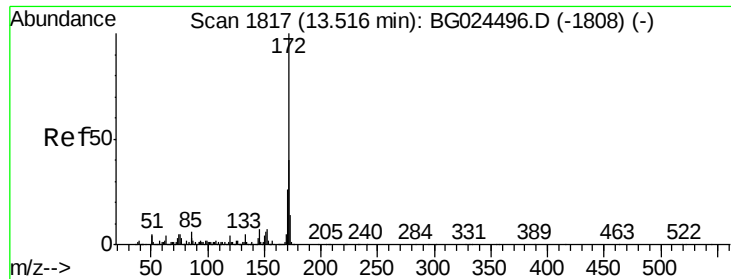


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.64 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

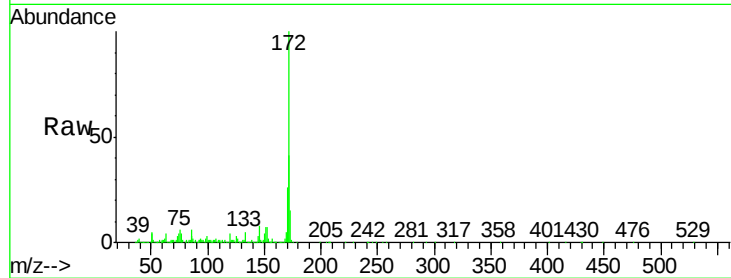
BNA_G

ClientSampleId :

GW-107-12.3-26.0

Tot Ion:172 Resp: 1855840

Ion	Ratio	Lower	Upper
172	100		
171	40.6	32.2	48.2
170	26.4	21.8	32.6

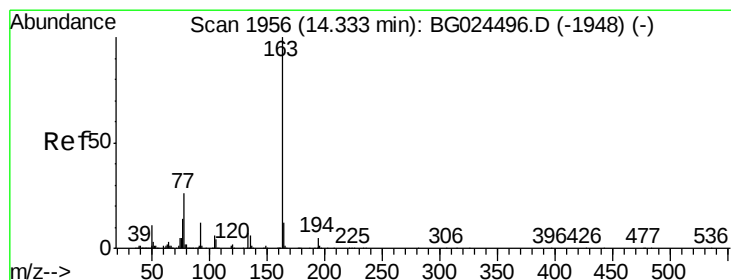
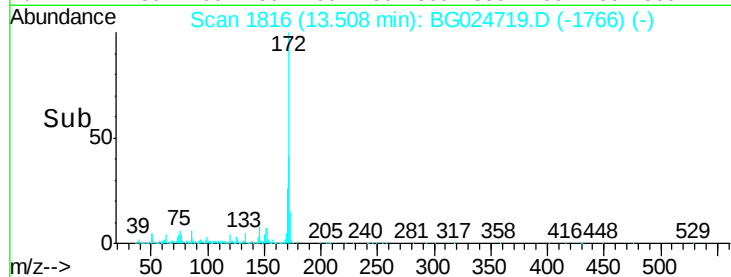
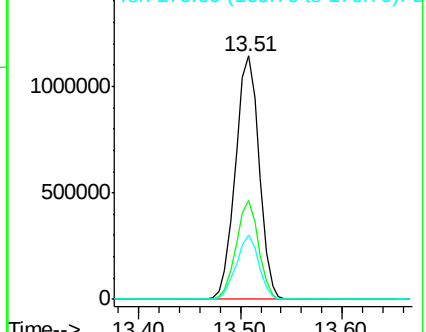


Abundance

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: 13.94 ng

RT: 14.32 min Scan# 1954

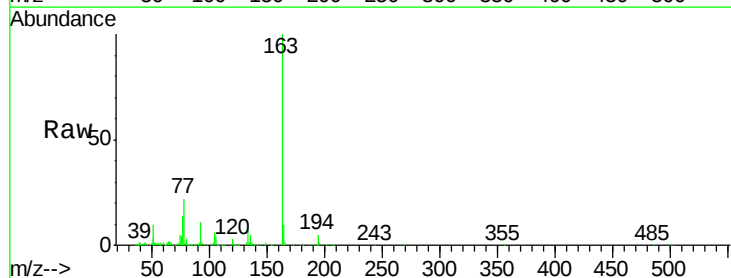
Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Tgt Ion:163 Resp: 315973

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	9.6	9.3	13.9

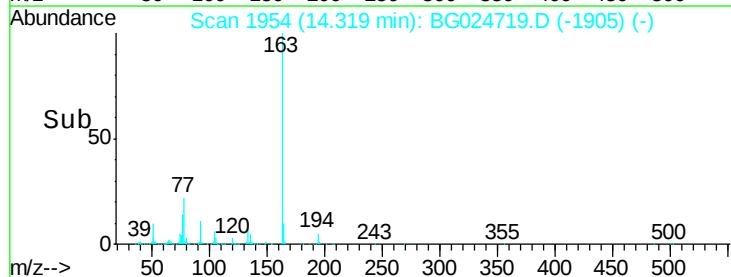
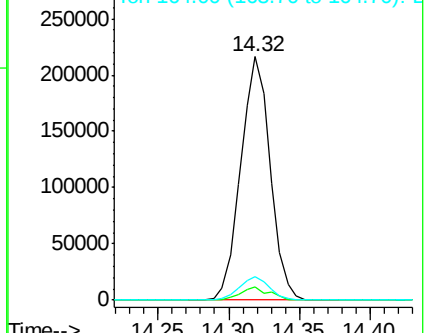


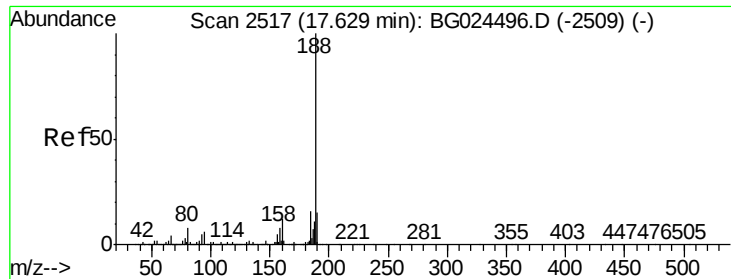
Abundance

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

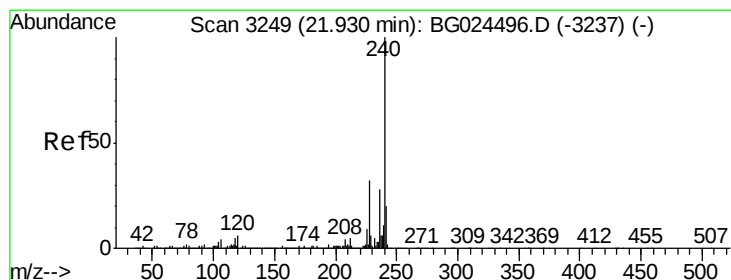
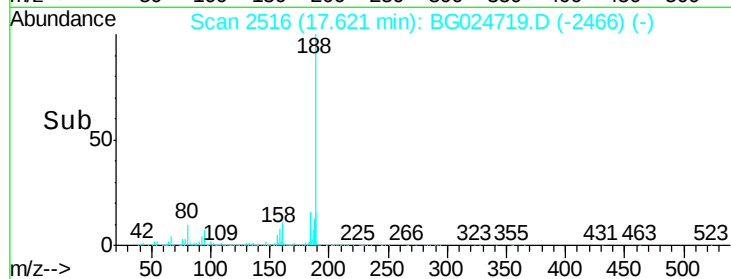
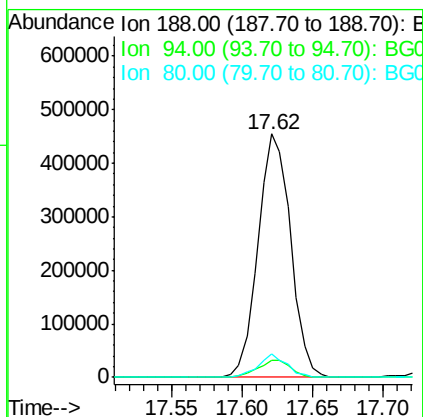
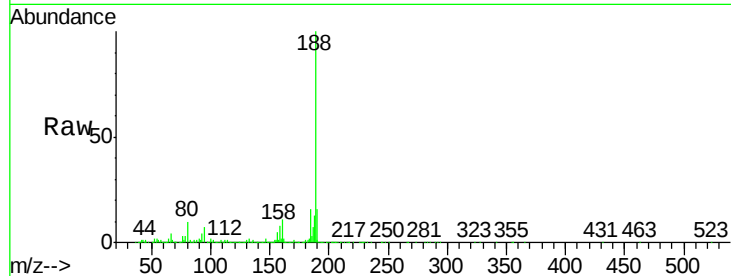




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

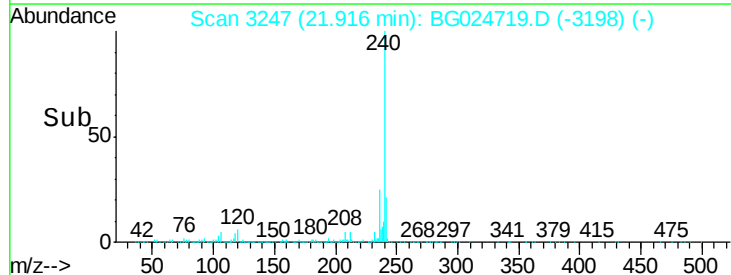
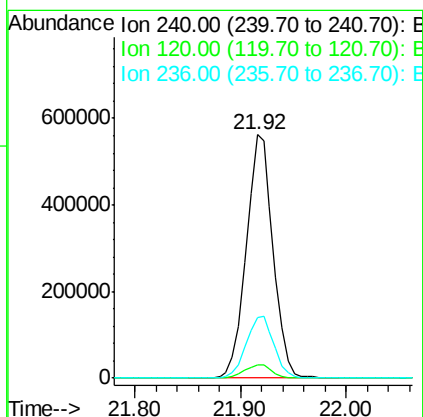
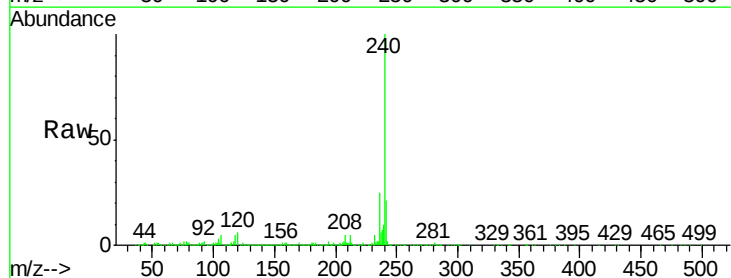
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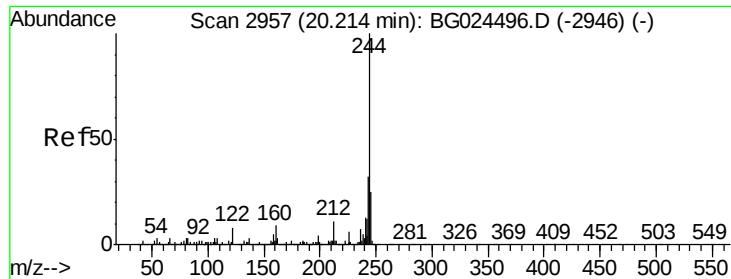
Tot Ion:188 Resp: 738508
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 9.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

Tgt Ion:240 Resp: 988023
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 25.0 22.2 33.4





#78

Terphenyl-d14

Concen: 89.02 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

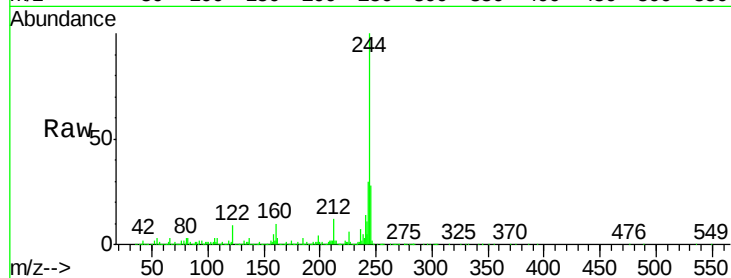
BNA_G

ClientSampleId :

GW-107-12.3-26.0

Tot Ion:244 Resp: 2943506

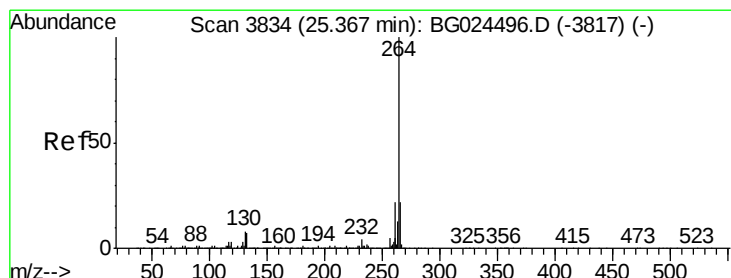
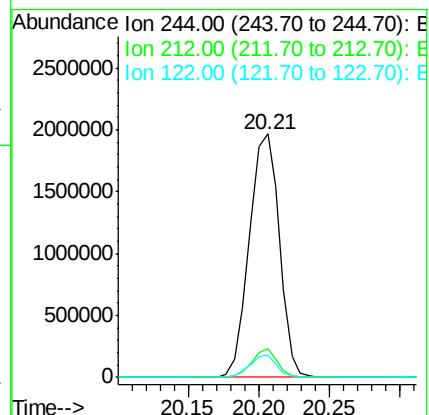
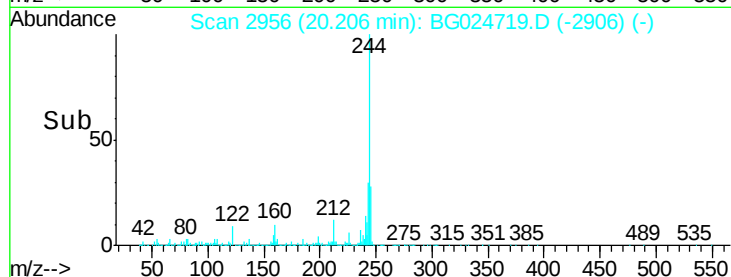
Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.0	15.0
122	9.0	8.6	12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3832

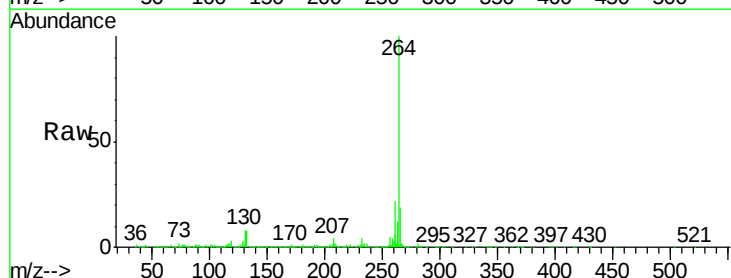
Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Tgt Ion:264 Resp: 1021344

Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	19.2	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

