

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030643.D
 Acq On : 1 Nov 2017 20:46
 Operator : SJ/JU
 Sample : I6203-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102717-TIDO-E-D-B

Quant Time: Nov 02 06:32:59 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

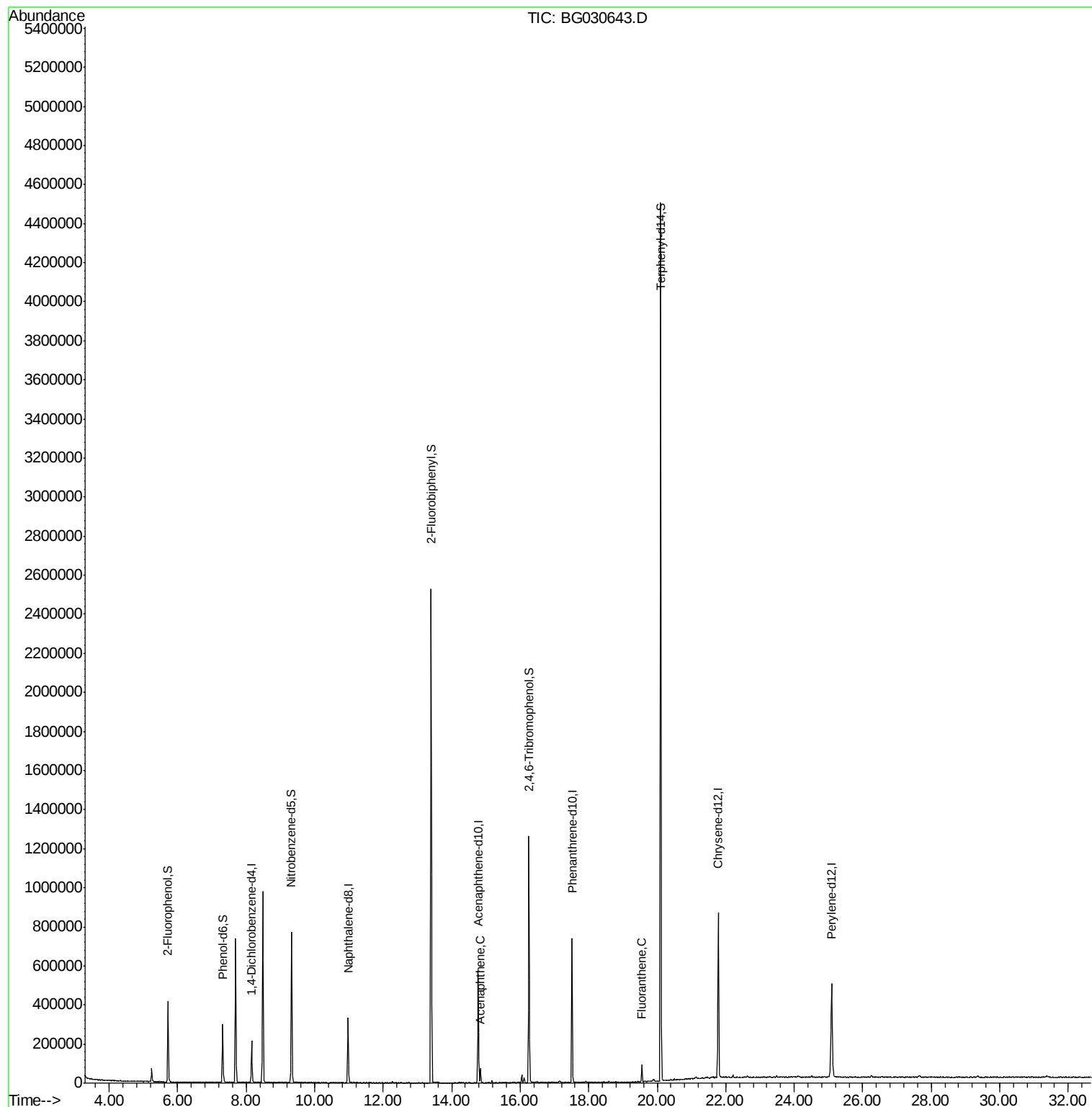
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	63791	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	306082	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	208332	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	471121	20.00	ng	0.00
75) Chrysene-d12	21.79	240	535158	20.00	ng	0.00
86) Perylene-d12	25.09	264	531079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	199868	52.34	ng	0.00
7) Phenol-d6	7.31	99	187890	35.05	ng	0.00
23) Nitrobenzene-d5	9.32	82	482710	100.22	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	263642	98.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1366348	96.19	ng	0.00
78) Terphenyl-d14	20.11	244	2152593	91.51	ng	0.00
Target Compounds						
51) Acenaphthene	14.84	154	26955	2.027	ng	96
74) Fluoranthene	19.55	202	57137	2.007	ng	93

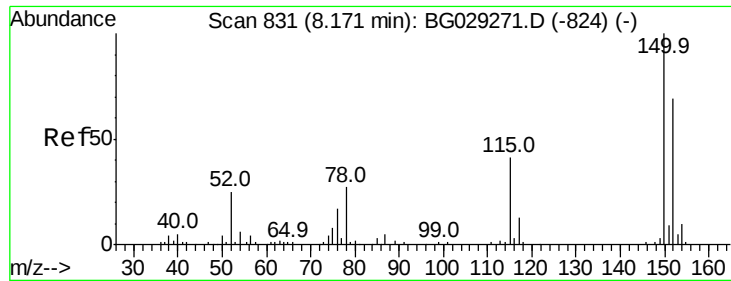
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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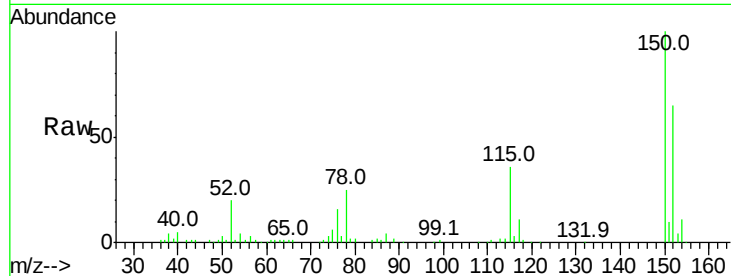


#1

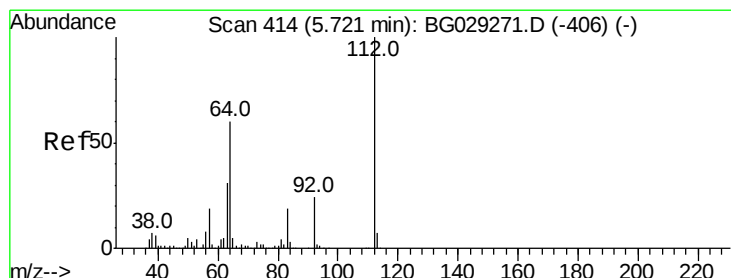
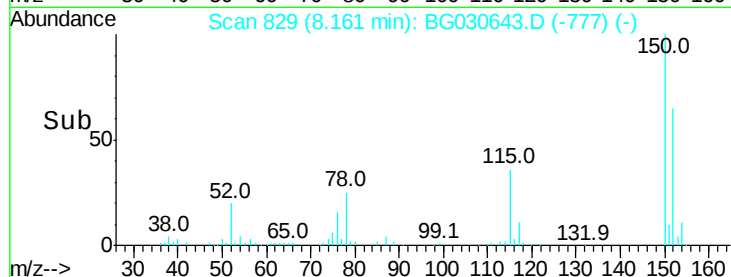
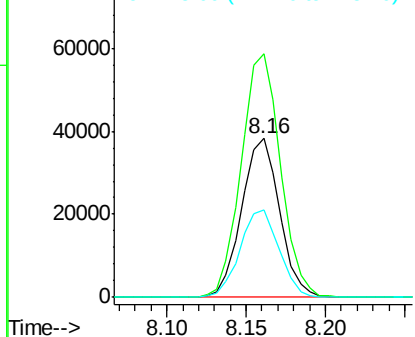
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030643.D
Acq: 1 Nov 2017 20:46

Instrument :
BNA_G
ClientSampleId :
102717-TIDO-E-D-B

Tot Ion:152 Resp: 63791
Ion Ratio Lower Upper
152 100
150 153.2 126.6 189.8
115 54.9 53.0 79.4



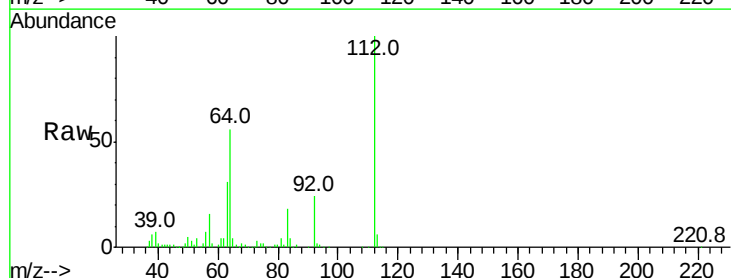
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



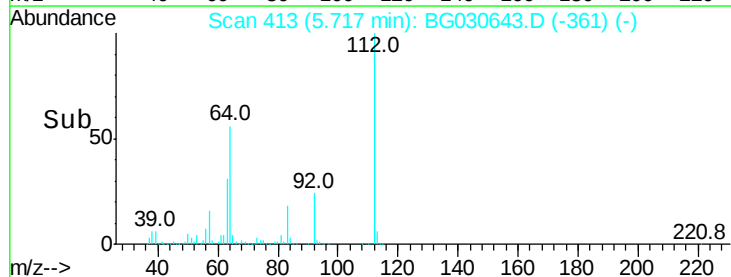
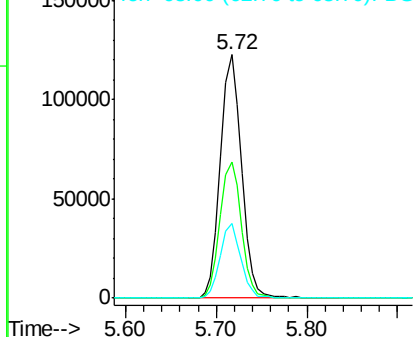
#5

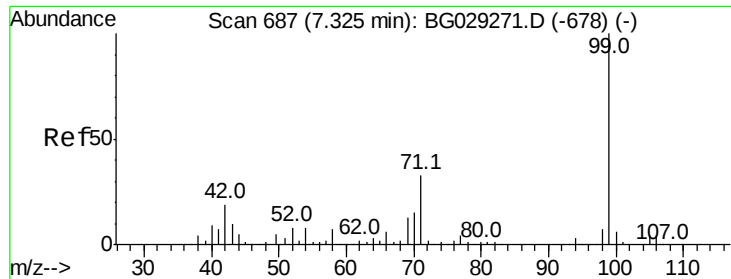
2-Fluorophenol
Concen: 52.341 ng
RT: 5.72 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030643.D
Acq: 1 Nov 2017 20:46

Tgt Ion:112 Resp: 199868
Ion Ratio Lower Upper
112 100
64 56.1 56.3 84.5#
63 30.8 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: 35.054 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Instrument :

BNA_G

ClientSampleId :

102717-TIDO-E-D-B

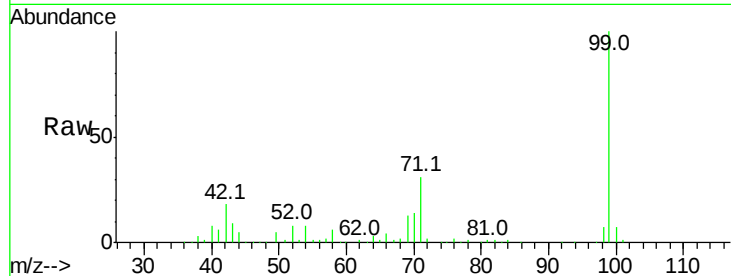
Tot Ion: 99 Resp: 187890

Ion Ratio Lower Upper

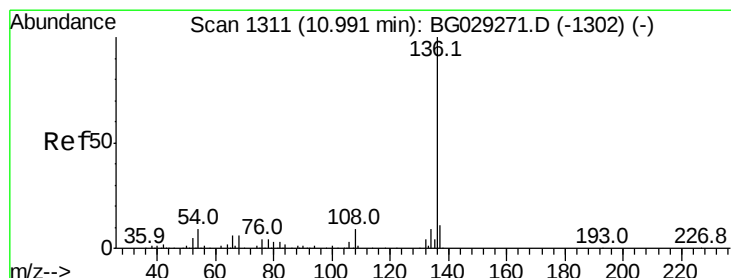
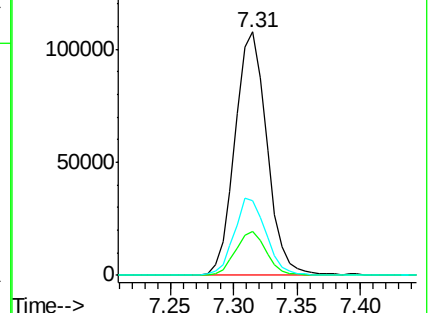
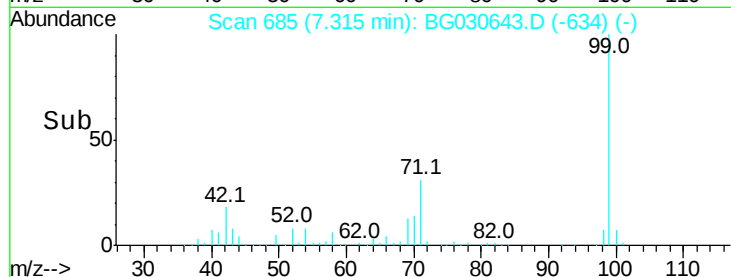
99 100

42 18.0 14.1 21.1

71 30.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Tgt Ion: 136 Resp: 306082

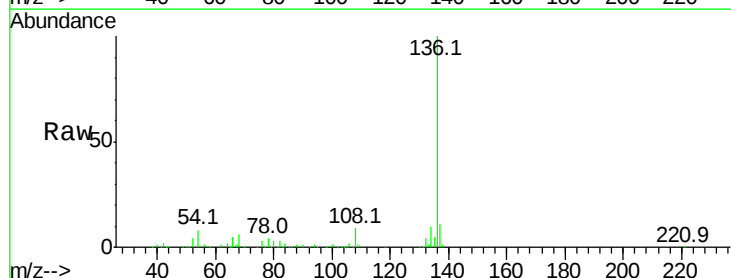
Ion Ratio Lower Upper

136 100

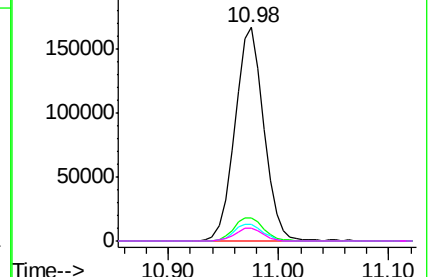
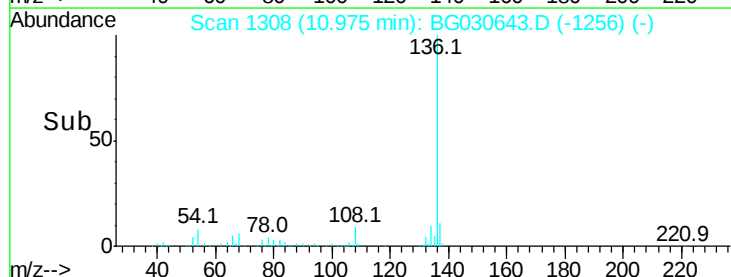
137 11.1 9.2 13.8

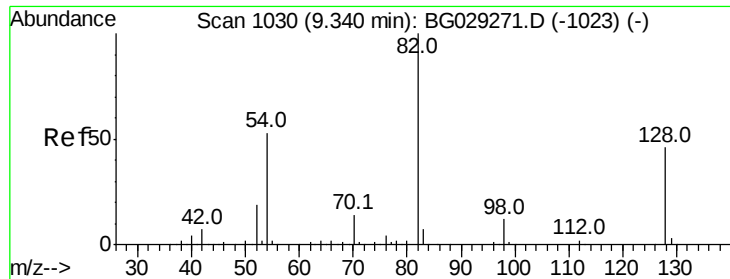
54 7.6 10.3 15.5#

68 5.9 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

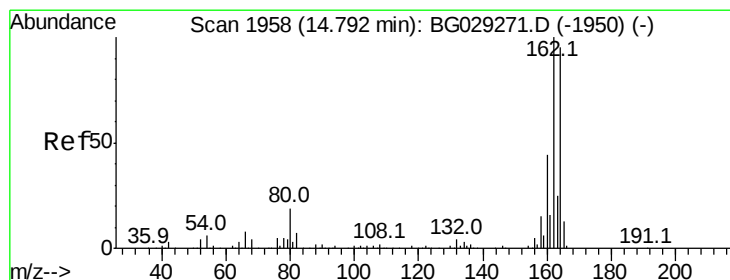
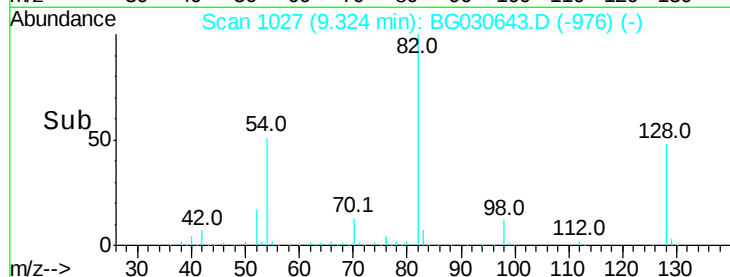
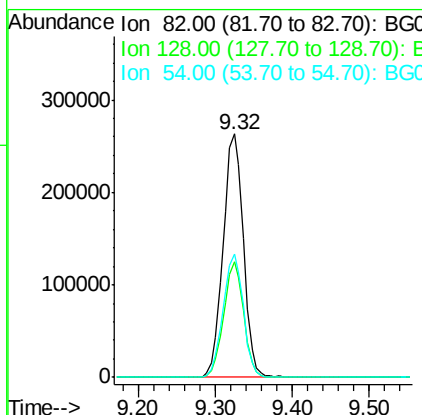
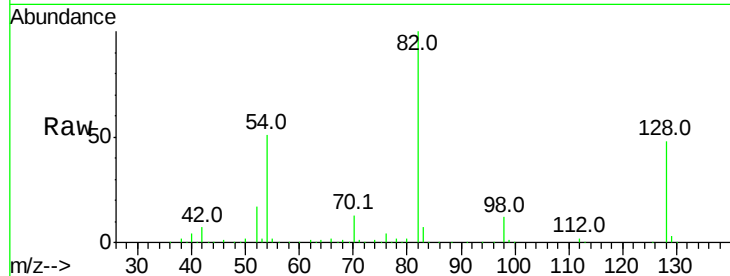




#23
 Nitrobenzene-d5
 Concen: 100.218 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG030643.D
 Acq: 1 Nov 2017 20:46

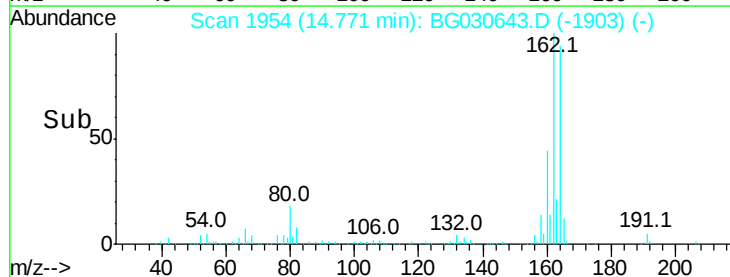
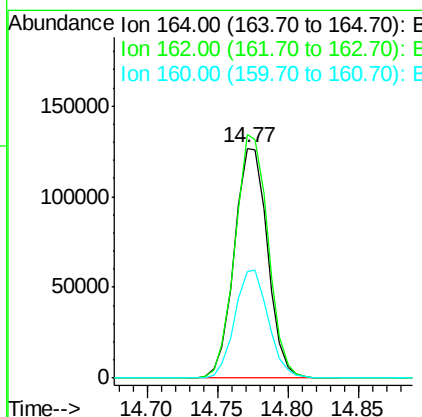
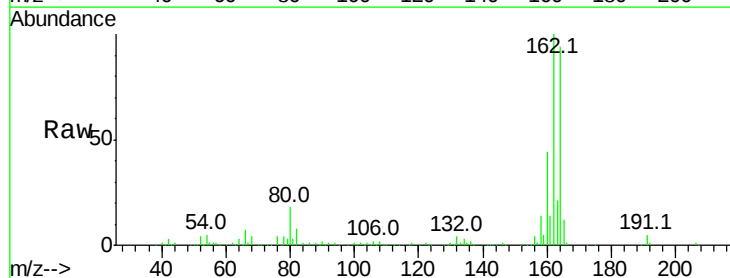
Instrument :
 BNA_G
 ClientSampleId :
 102717-TIDO-E-D-B

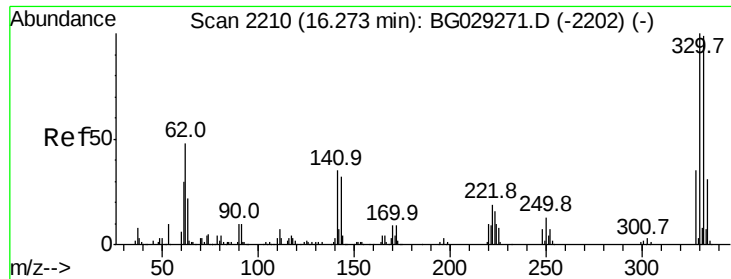
Tot Ion: 82 Resp: 482710
 Ion Ratio Lower Upper
 82 100
 128 47.6 29.7 44.5#
 54 50.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG030643.D
 Acq: 1 Nov 2017 20:46

Tgt Ion:164 Resp: 208332
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.8 118.2
 160 46.7 35.4 53.0

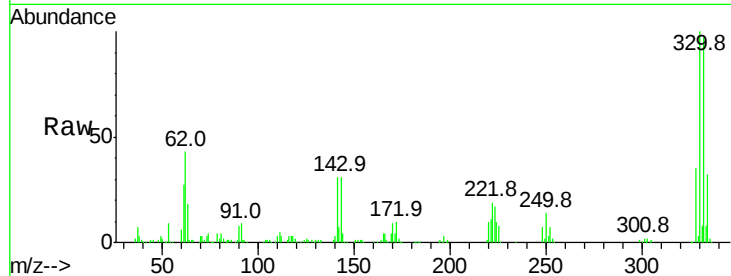




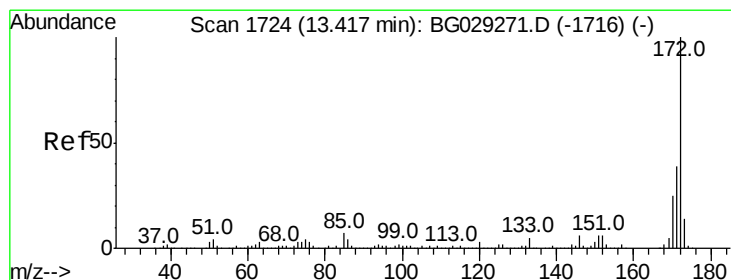
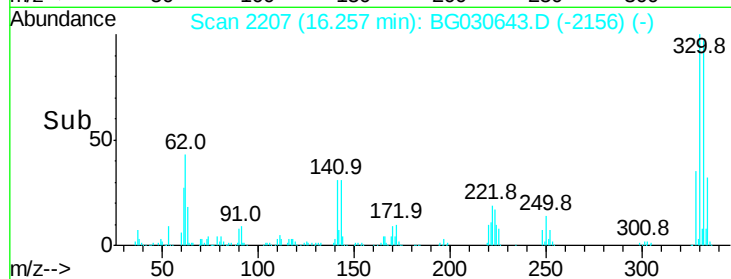
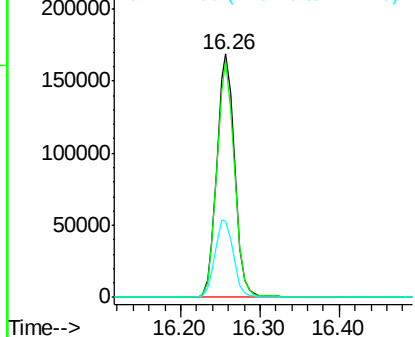
#41
 2,4,6-Tribromophenol
 Concen: 98.016 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030643.D
 Acq: 1 Nov 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :
 102717-TIDO-E-D-B

Tot Ion:330 Resp: 263642
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 32.8 25.2 37.8

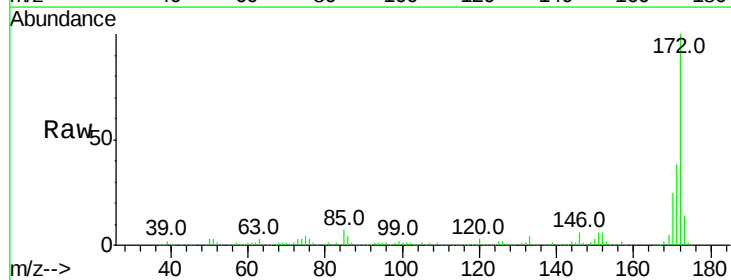


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

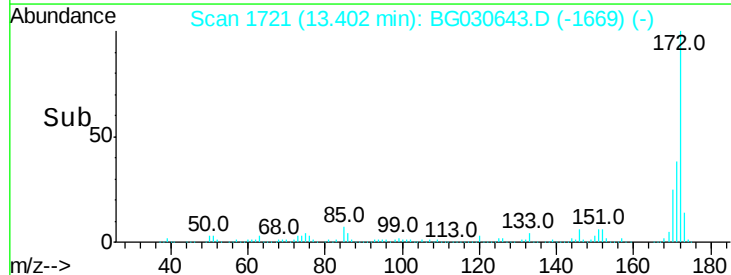
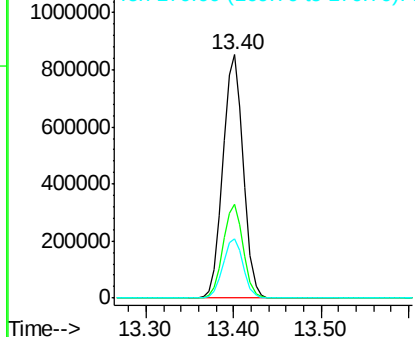


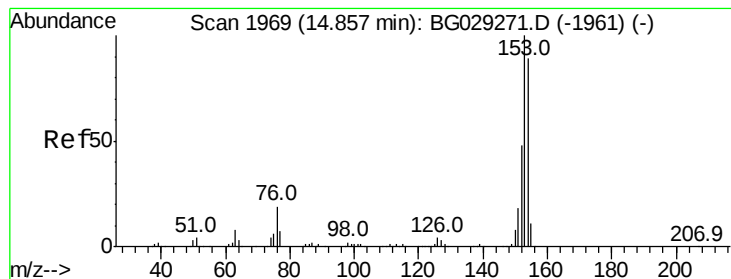
#44
 2-Fluorobiphenyl
 Concen: 96.191 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030643.D
 Acq: 1 Nov 2017 20:46

Tgt Ion:172 Resp: 1366348
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 24.6 19.5 29.3



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





#51

Acenaphthene

Concen: 2.027 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Instrument :

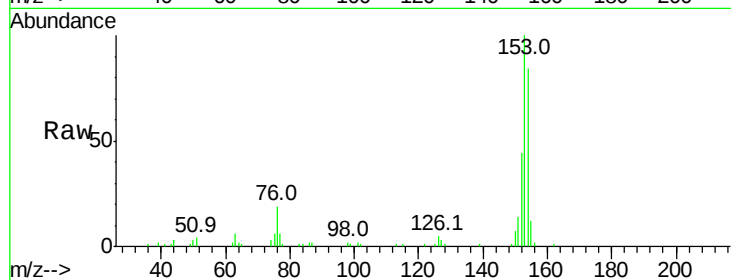
BNA_G

ClientSampleId :

102717-TIDO-E-D-B

Tot Ion:154 Resp: 26955

Ion	Ratio	Lower	Upper
154	100		
153	118.4	90.4	135.6
152	52.2	41.6	62.4

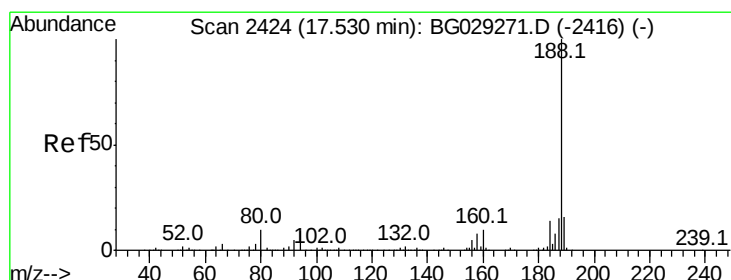
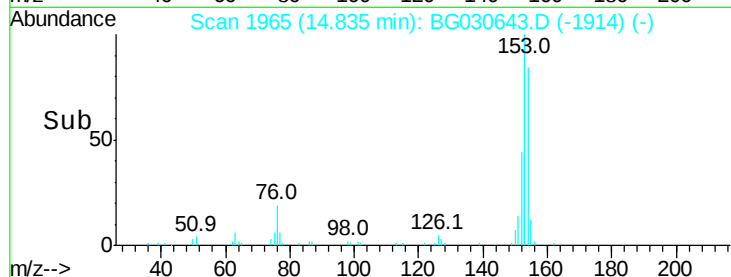
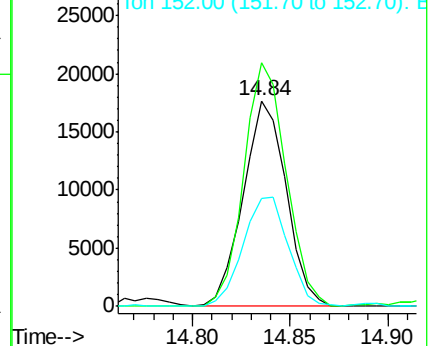


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2421

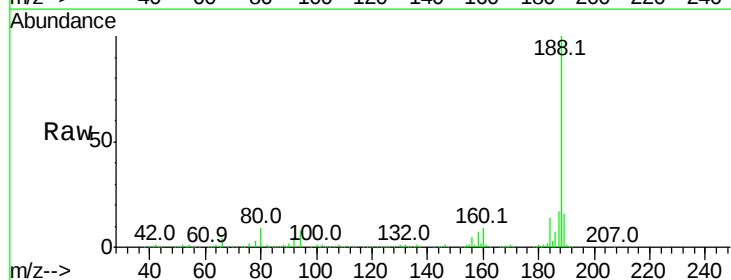
Delta R.T. 0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Tgt Ion:188 Resp: 471121

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.8	7.7	11.5

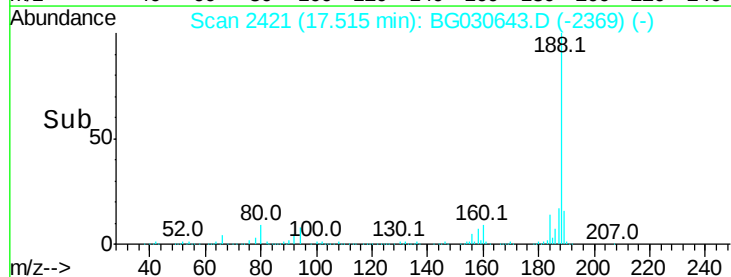
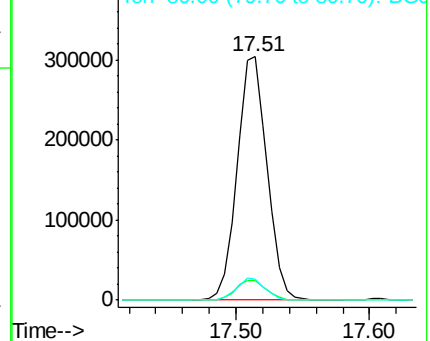


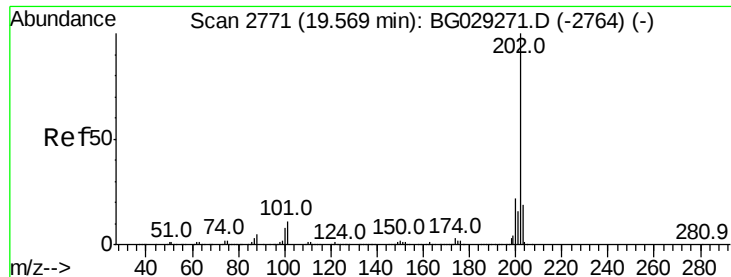
Abundance

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





#74

Fluoranthene

Concen: 2.007 ng

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

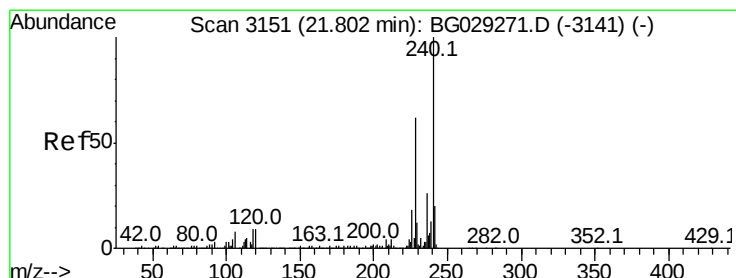
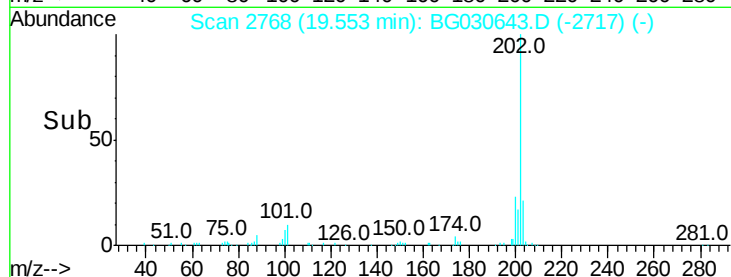
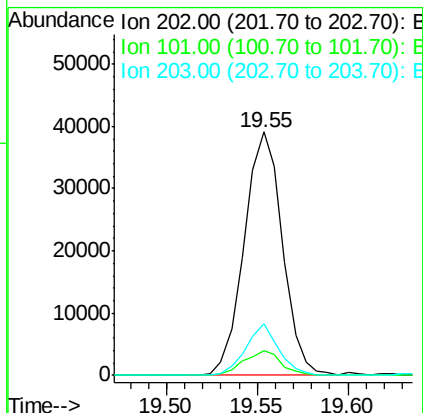
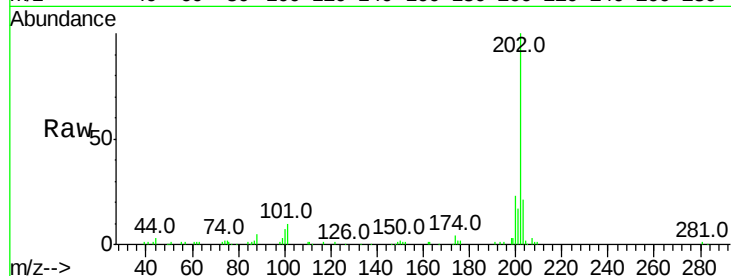
Instrument :

BNA_G

ClientSampleId :

102717-TIDO-E-D-B

Tot Ion:	202	Resp:	57137
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.9
203	21.1	0.0	37.5



#75

Chrysene-d12

Concen: 20.000 ng

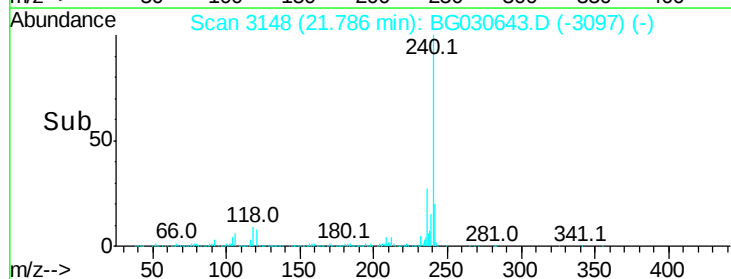
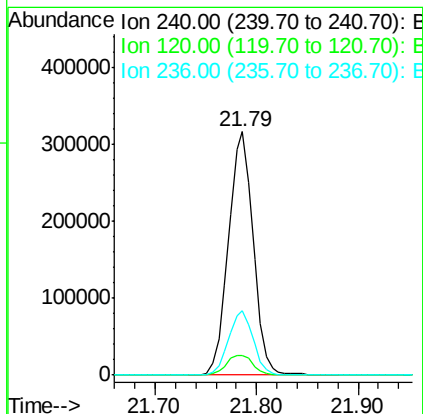
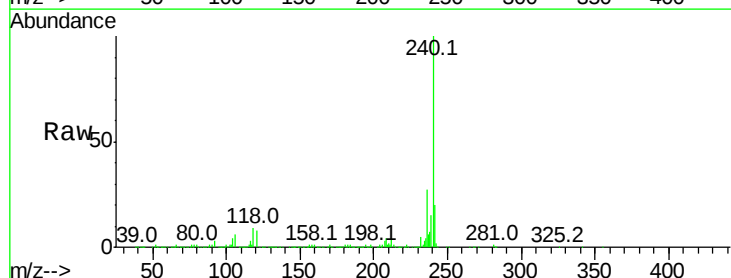
RT: 21.79 min Scan# 3148

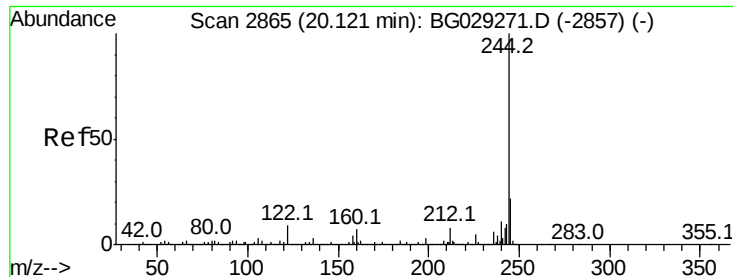
Delta R.T. -0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Tgt Ion:	240	Resp:	535158
Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 91.506 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Instrument :

BNA_G

ClientSampleId :

102717-TIDO-E-D-B

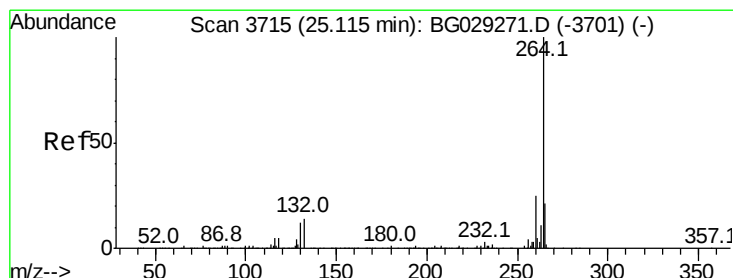
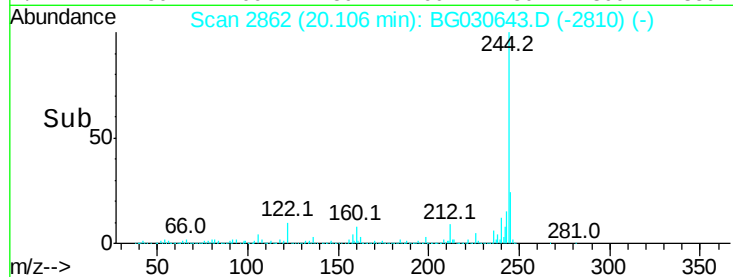
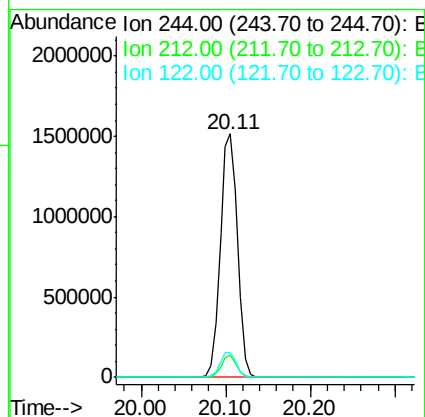
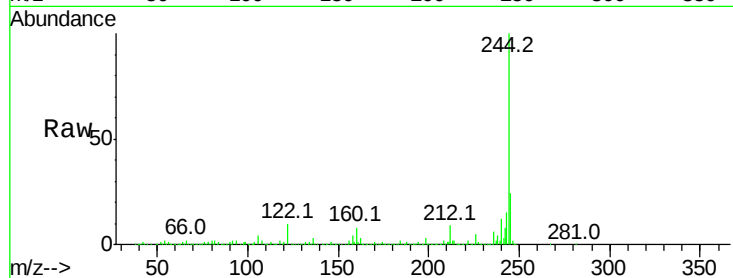
Tot Ion:244 Resp: 2152593

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 10.3 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.00 min

Lab File: BG030643.D

Acq: 1 Nov 2017 20:46

Tgt Ion:264 Resp: 531079

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.6 17.7 26.5

