

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027770.D
 Acq On : 1 Jul 2017 1:46
 Operator : SJ/JU
 Sample : I3956-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 02:23:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

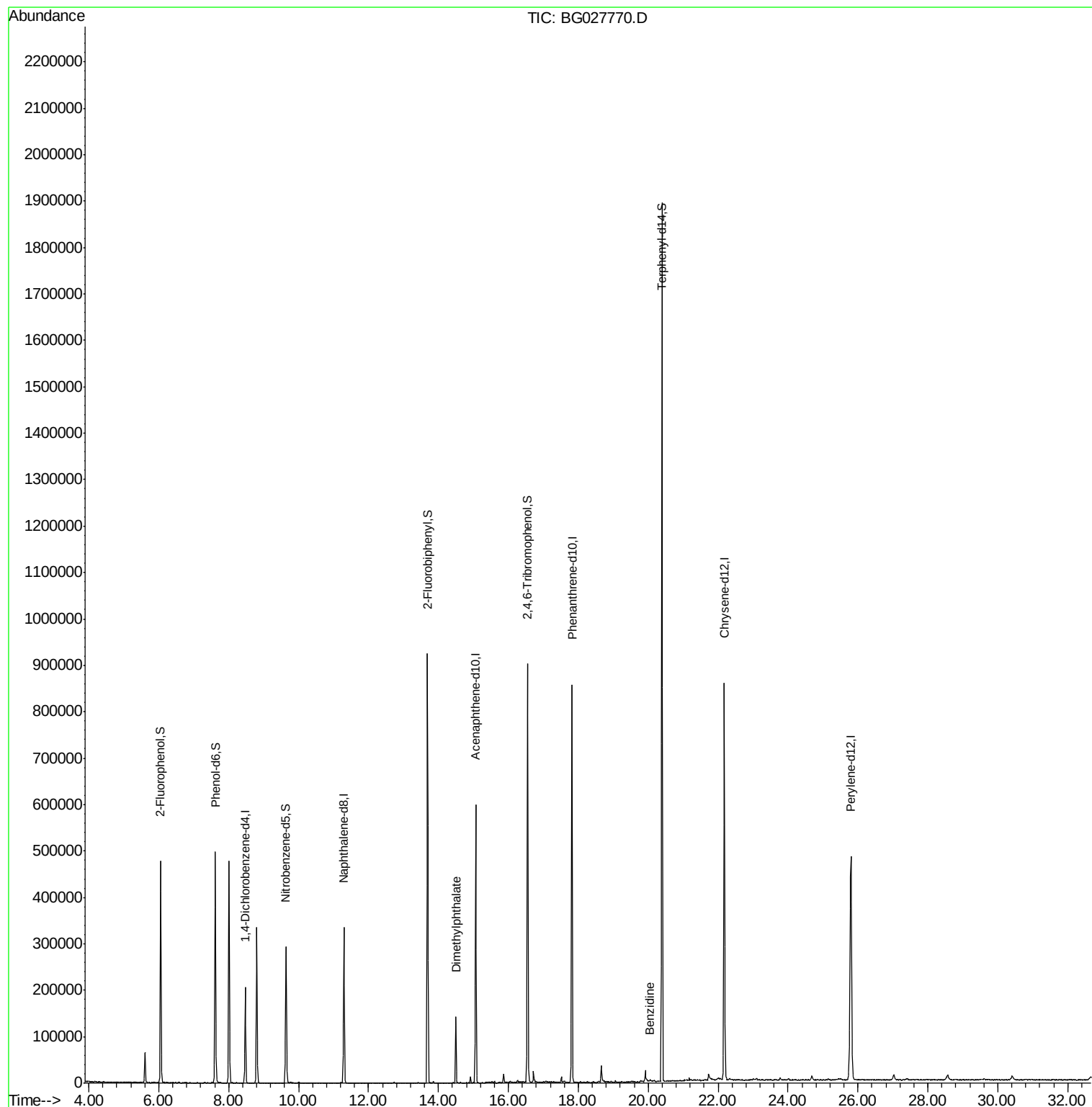
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	58371	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	299212	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	204976	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	540937	20.00	ng	0.00
75) Chrysene-d12	22.18	240	552695	20.00	ng	0.00
86) Perylene-d12	25.80	264	553319	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	209528	55.28	ng	0.00
7) Phenol-d6	7.62	99	305875	52.82	ng	0.00
23) Nitrobenzene-d5	9.64	82	185337	34.53	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	170308	60.58	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	481262	33.53	ng	0.00
78) Terphenyl-d14	20.39	244	828361	35.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.50	163	93578	5.35	ng	# 97
76) Benzidine	20.05	184	60	3.22	ng	# 64

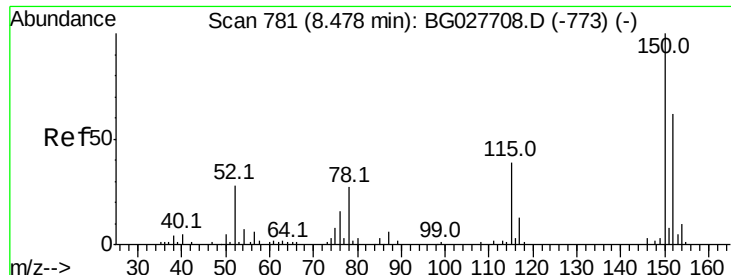
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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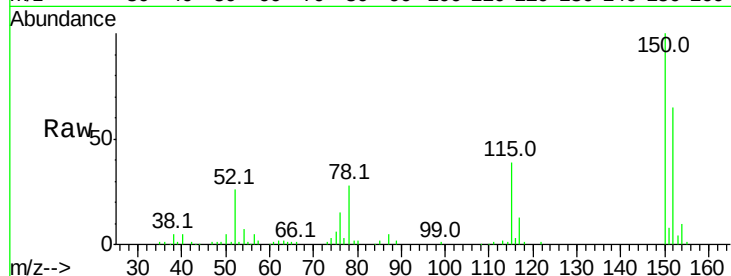


#1

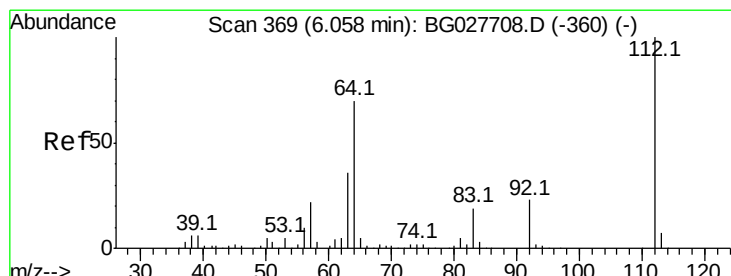
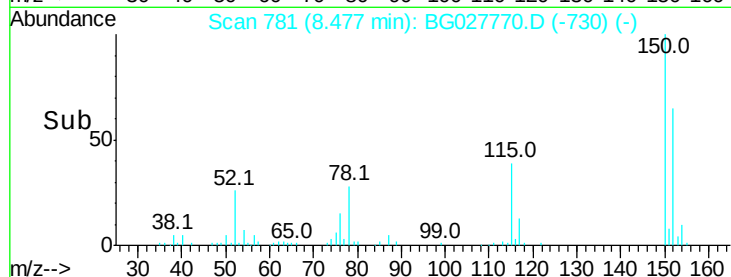
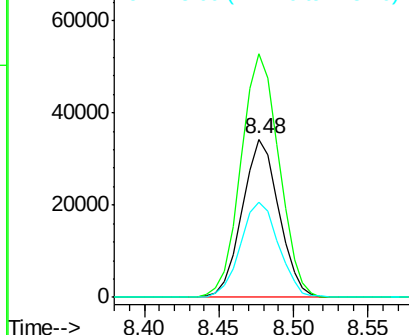
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027770.D
Acq: 1 Jul 2017 1:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58371
Ion Ratio Lower Upper
152 100
150 153.9 114.0 171.0
115 59.9 48.1 72.1



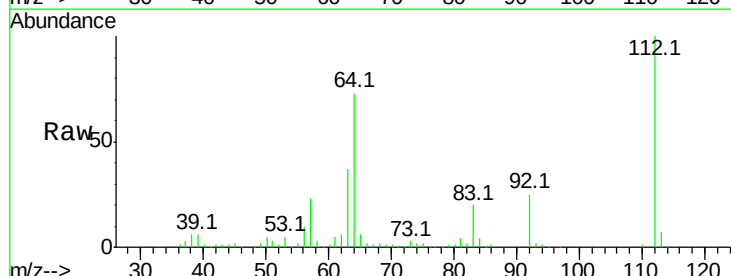
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



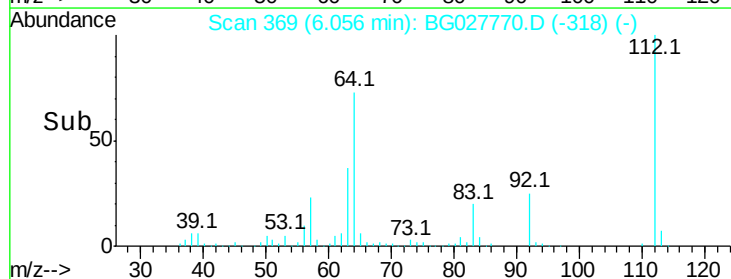
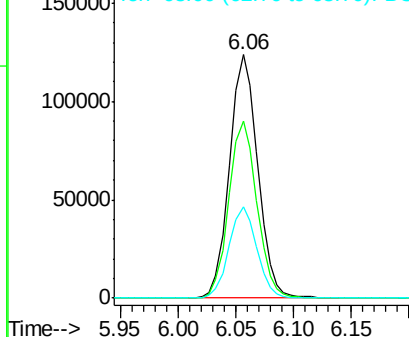
#5

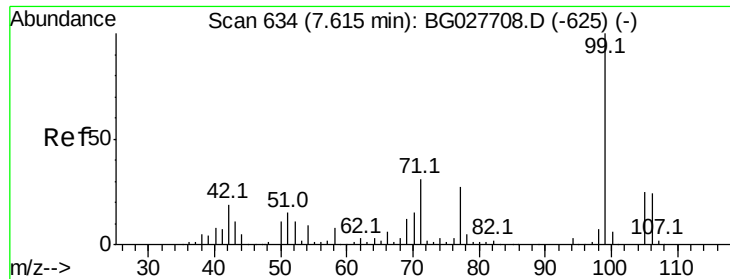
2-Fluorophenol
Concen: 55.28 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027770.D
Acq: 1 Jul 2017 1:46

Tgt Ion:112 Resp: 209528
Ion Ratio Lower Upper
112 100
64 72.8 61.8 92.6
63 37.4 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: 52.82 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampled :

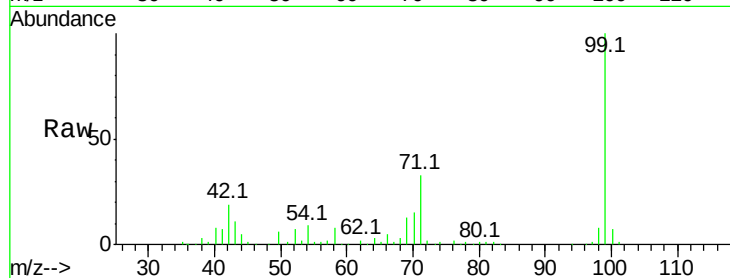
Tot Ion: 99 Resp: 305875

Ion Ratio Lower Upper

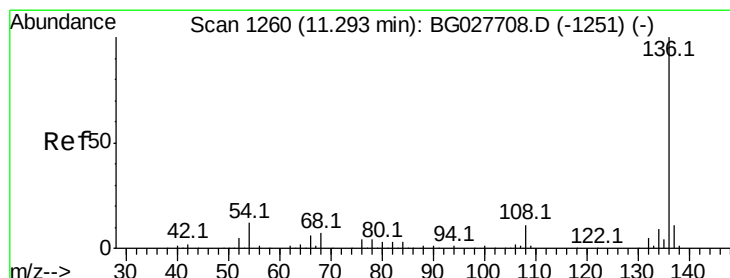
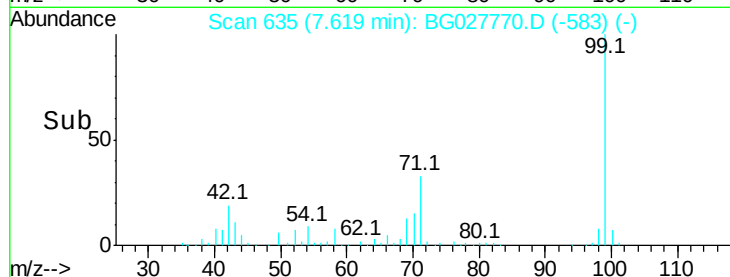
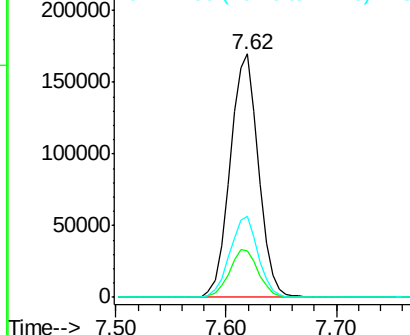
99 100

42 19.3 20.5 30.7#

71 33.2 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Tgt Ion: 136 Resp: 299212

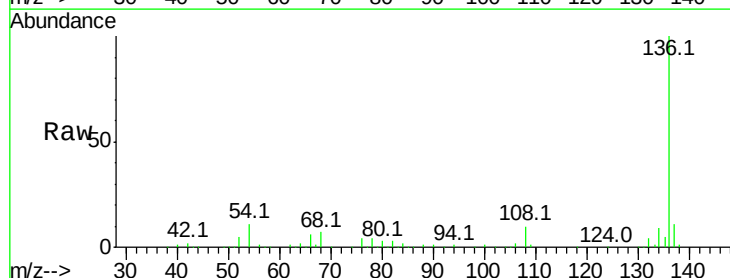
Ion Ratio Lower Upper

136 100

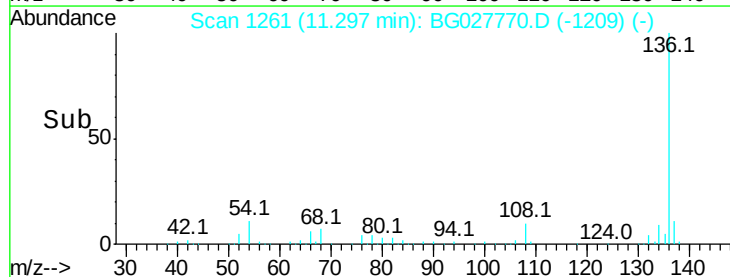
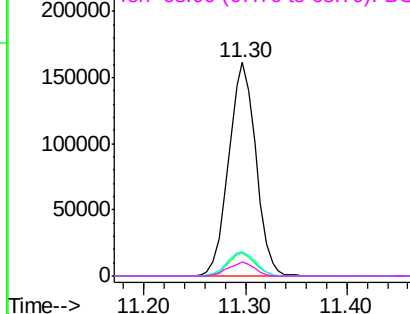
137 10.7 8.9 13.3

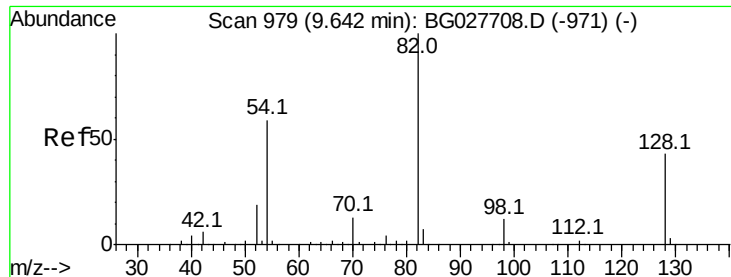
54 11.3 9.3 13.9

68 6.5 5.1 7.7



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: 34.53 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampled :

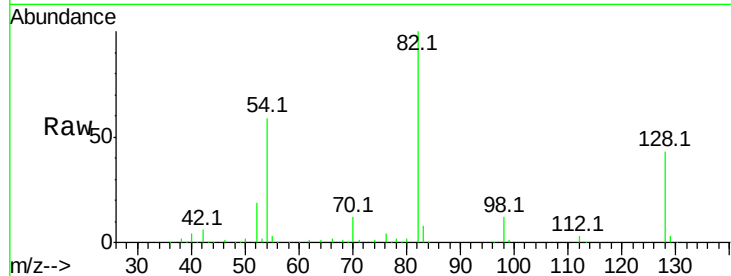
Tot Ion: 82 Resp: 185337

Ion Ratio Lower Upper

82 100

128 43.4 26.4 39.6#

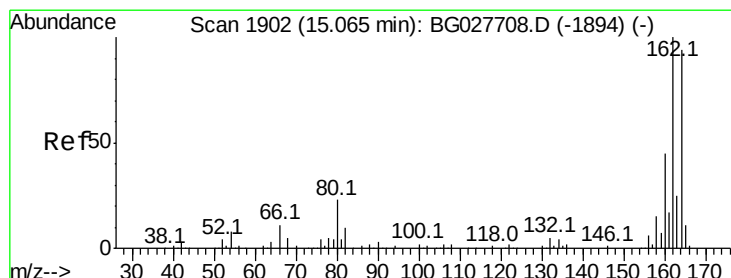
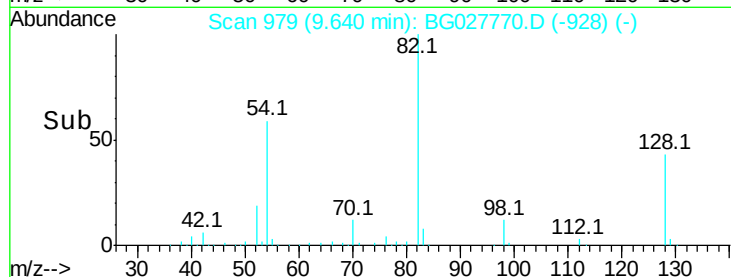
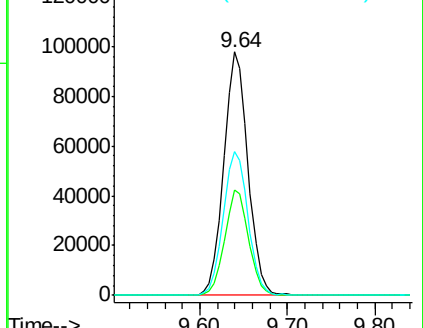
54 59.3 49.4 74.2



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: 20.00 ng

RT: 15.07 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

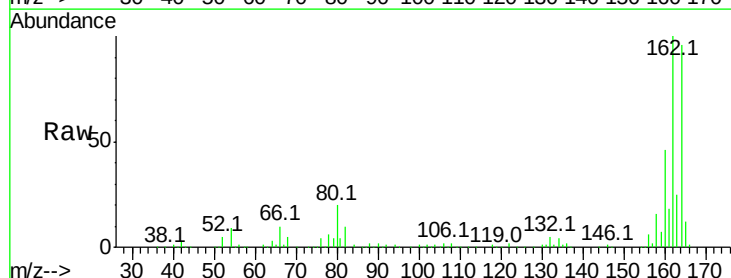
Tgt Ion:164 Resp: 204976

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

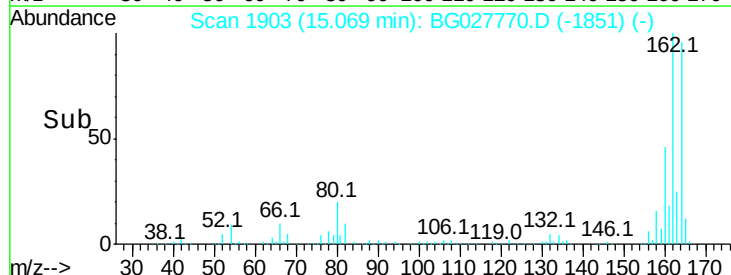
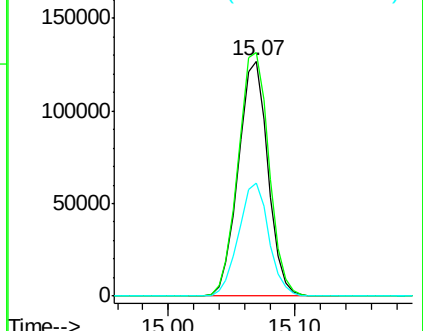
160 47.9 34.7 52.1

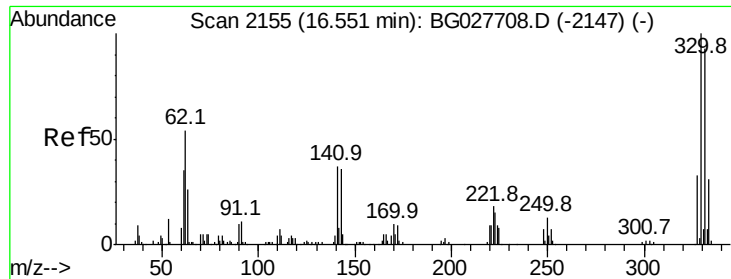


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

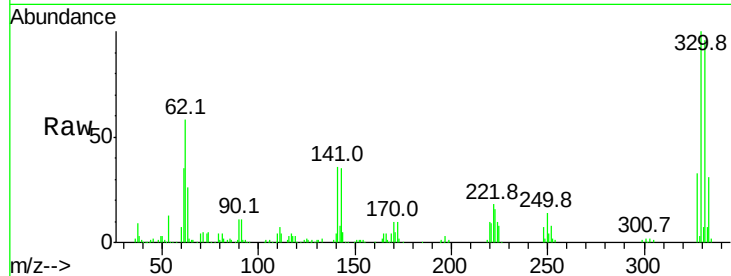




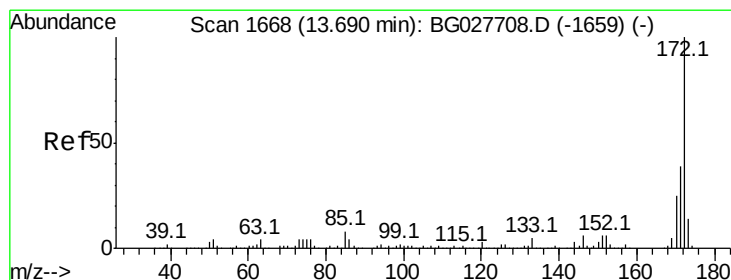
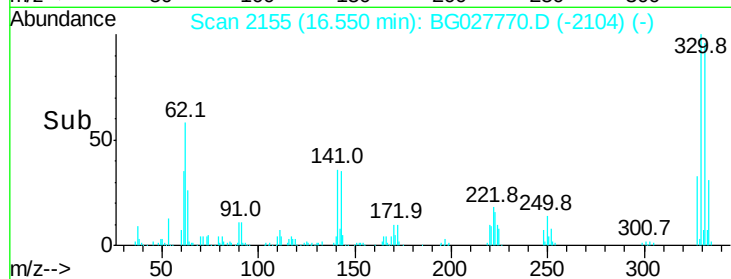
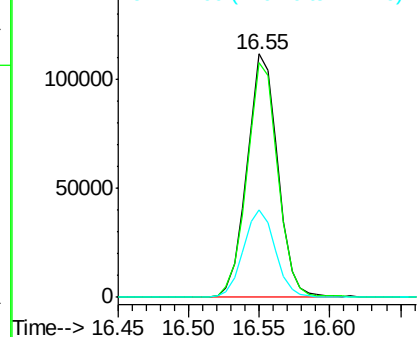
#41
 2,4,6-Tribromophenol
 Concen: 60.58 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027770.D
 Acq: 1 Jul 2017 1:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 170308
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 37.4 32.1 48.1

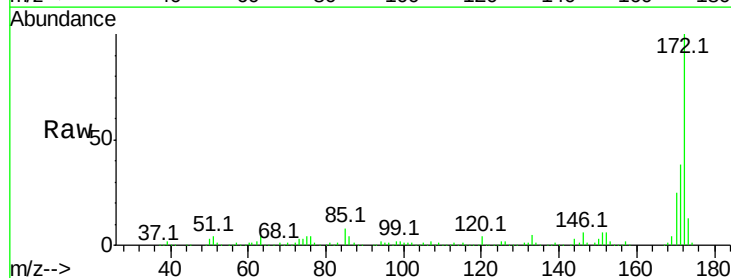


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

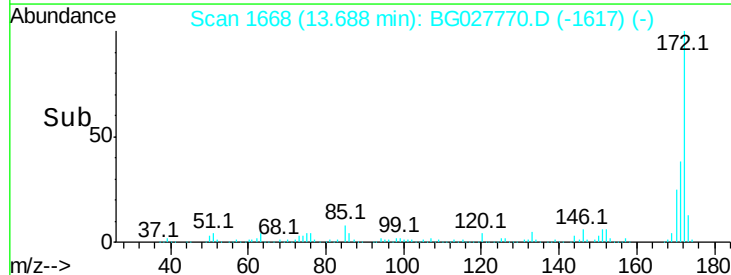
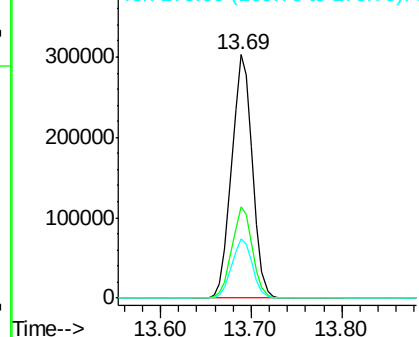


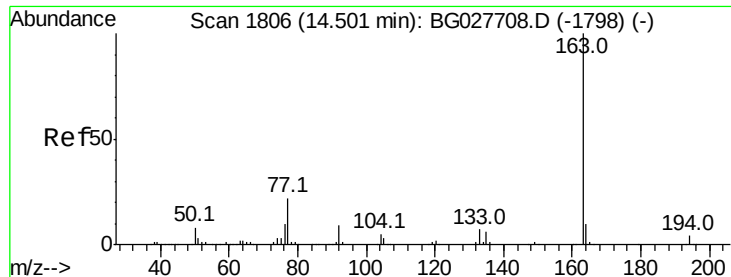
#44
 2-Fluorobiphenyl
 Concen: 33.53 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027770.D
 Acq: 1 Jul 2017 1:46

Tgt Ion:172 Resp: 481262
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 24.6 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: 5.35 ng

RT: 14.50 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampleId :

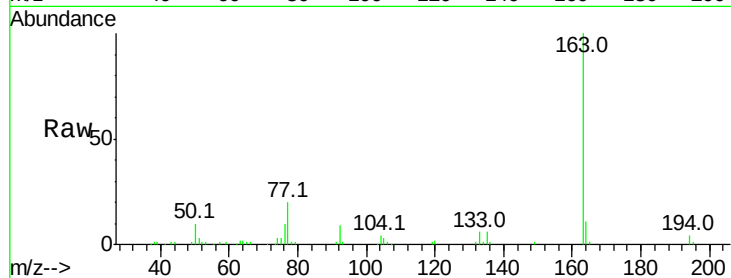
Tot Ion:163 Resp: 93578

Ion Ratio Lower Upper

163 100

194 3.6 3.8 5.6#

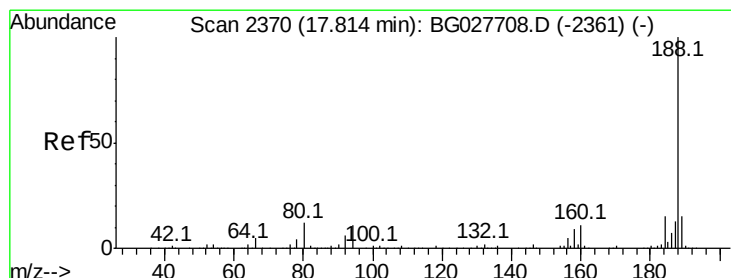
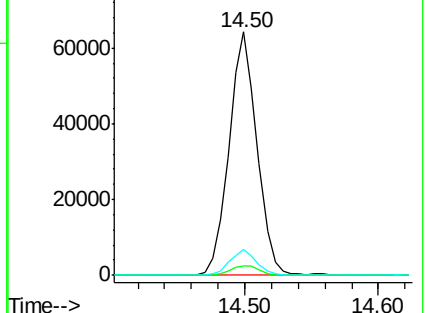
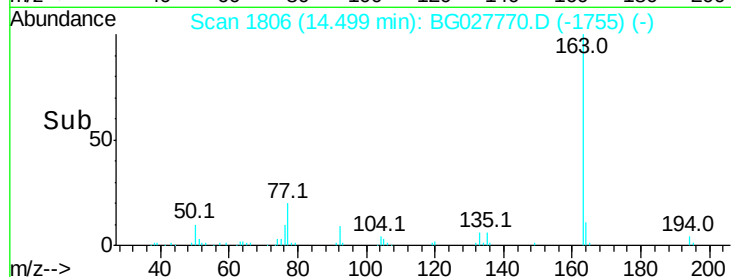
164 10.6 9.3 13.9



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: 17.82 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

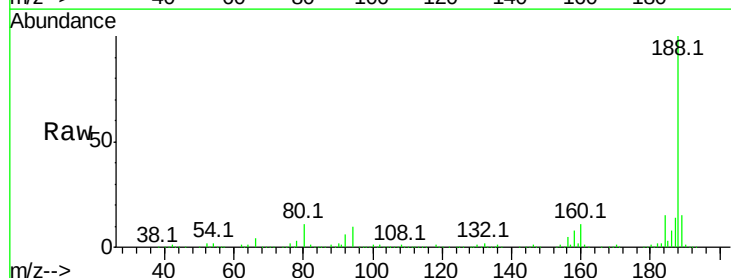
Tgt Ion:188 Resp: 540937

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

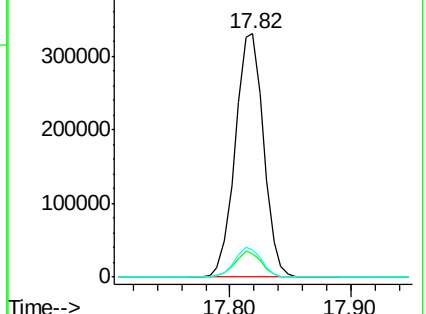
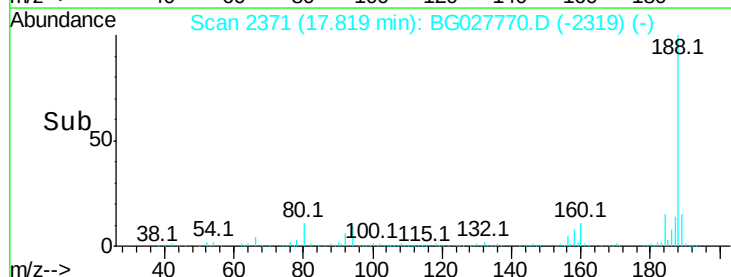
80 11.4 7.5 11.3#

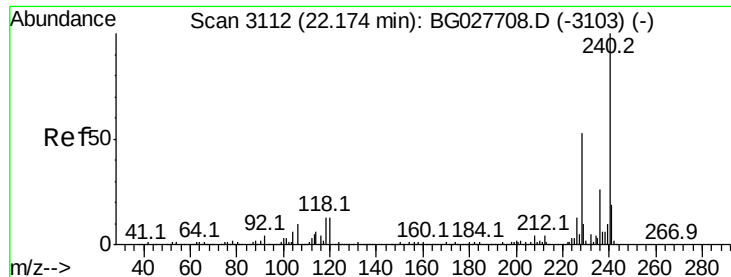


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampleId :

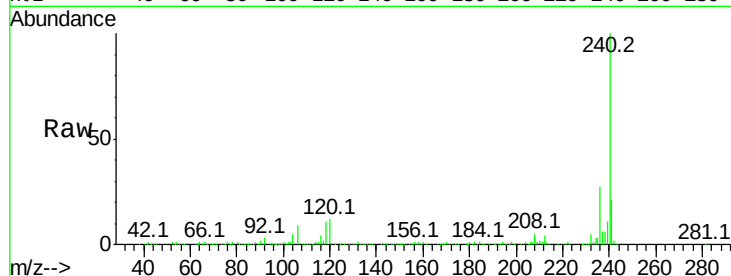
Tot Ion:240 Resp: 552695

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

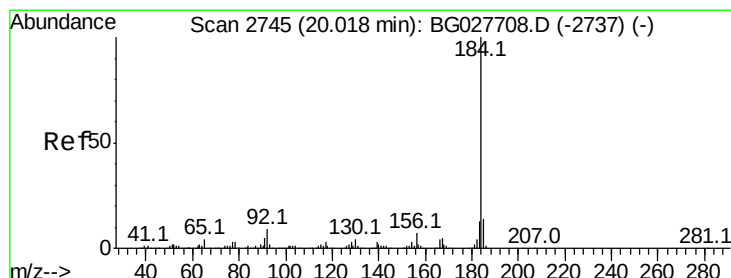
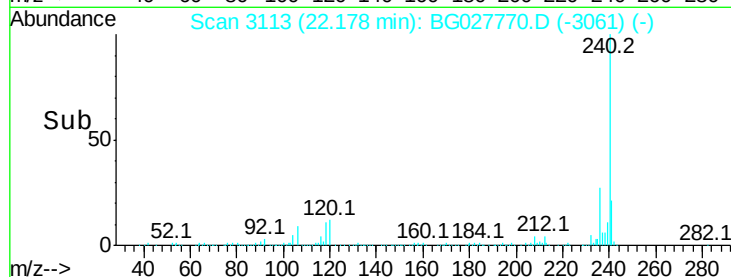
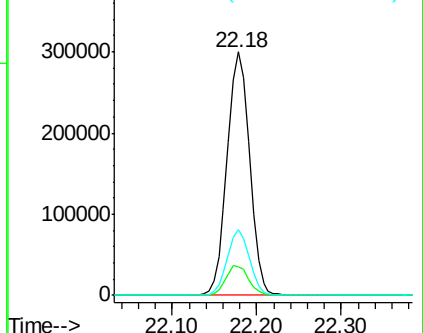
236 27.0 22.2 33.4



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



#76

Benzidine

Concen: 3.22 ng

RT: 20.05 min Scan# 2750

Delta R.T. 0.03 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

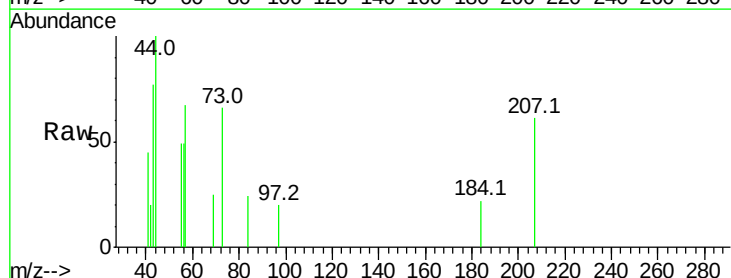
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

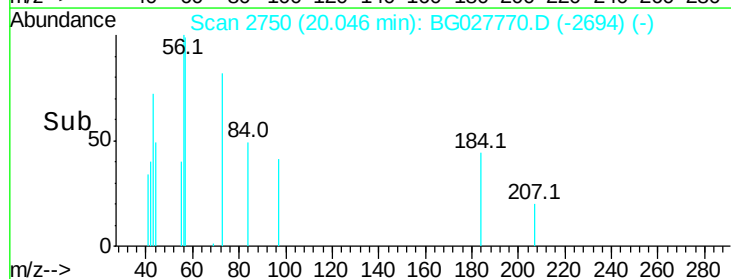
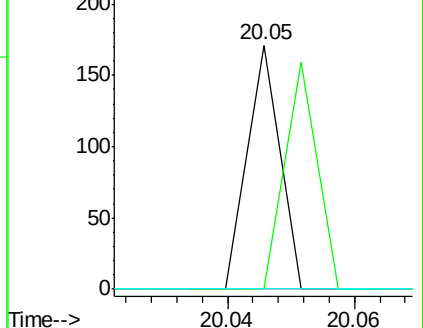
183 0.0 11.0 16.6#

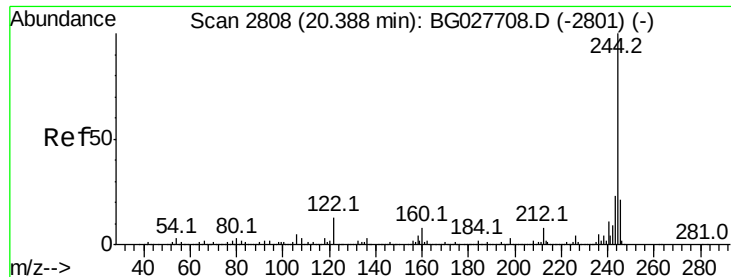


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 35.14 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampleId :

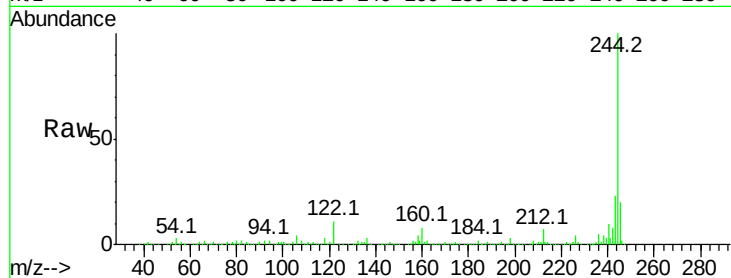
Tot Ion:244 Resp: 828361

Ion Ratio Lower Upper

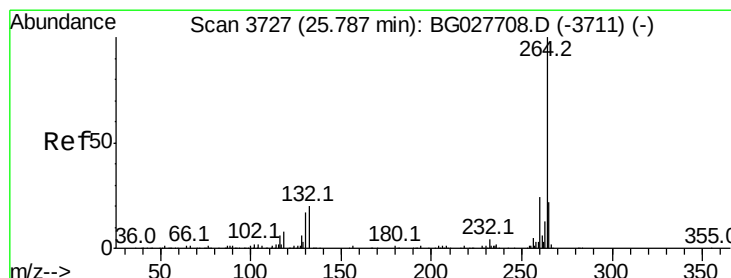
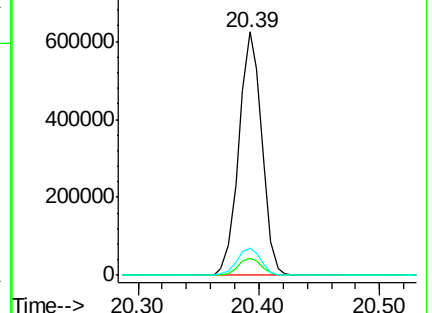
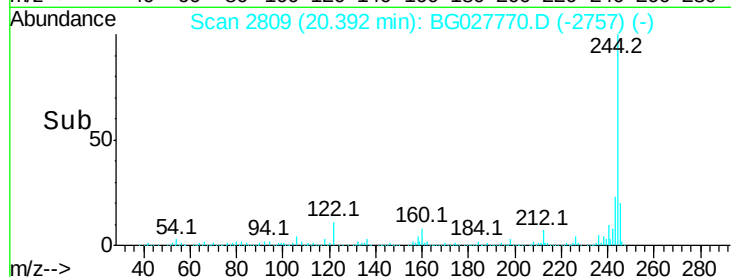
244 100

212 7.2 10.0 15.0#

122 11.3 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: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

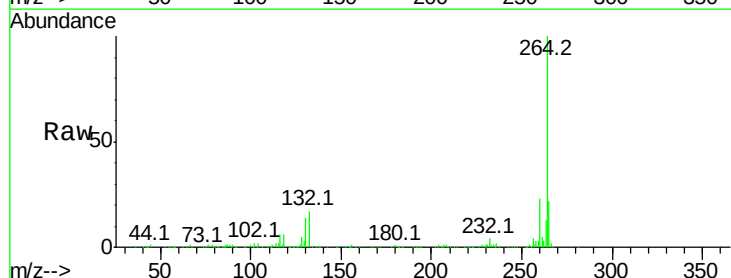
Tgt Ion:264 Resp: 553319

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 22.2 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

