

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: 2

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMP

Quant Time: Jul 01 02:24:56 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

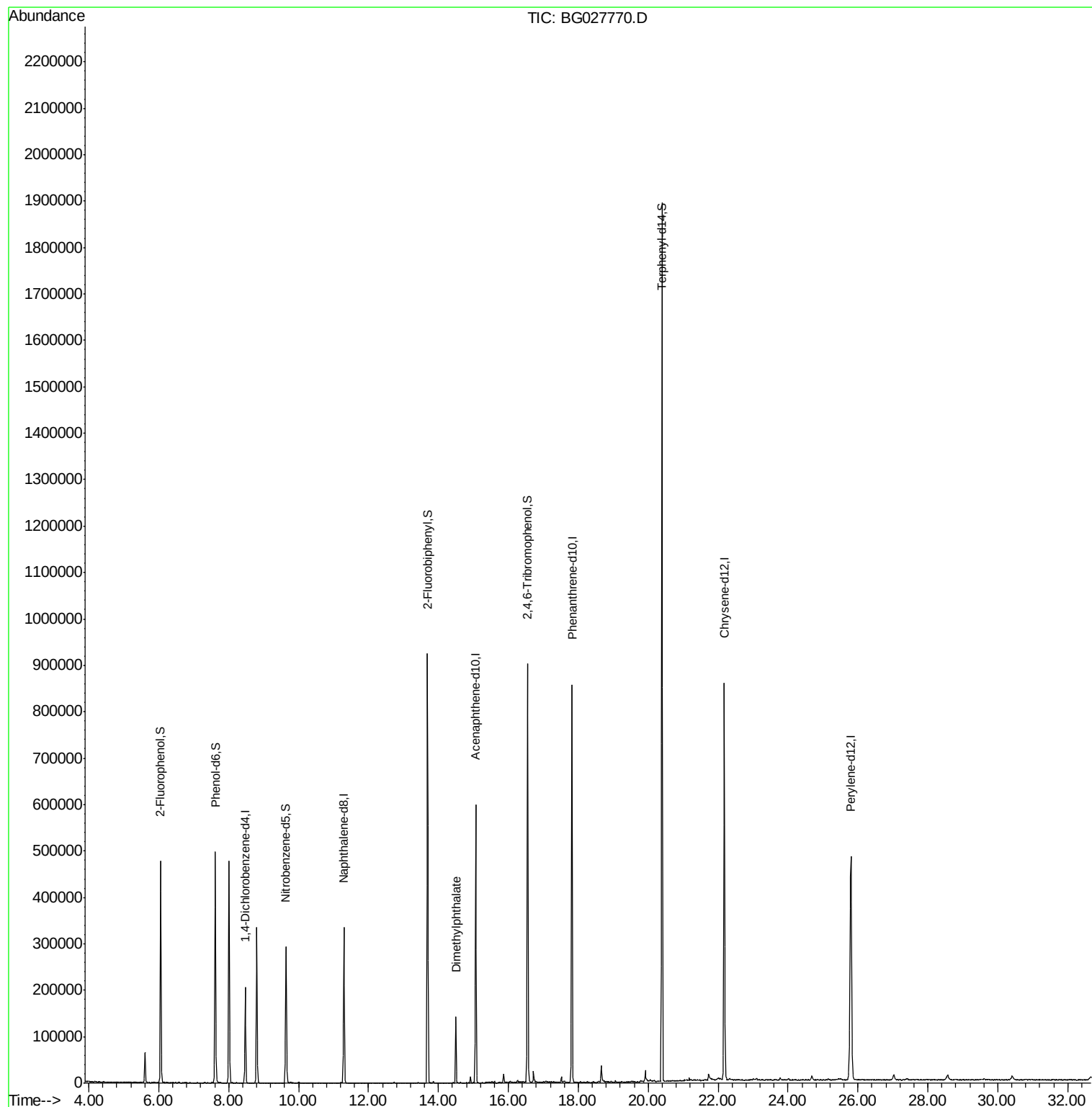
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	58371	40.00	ng	0.00
21) Naphthalene-d8	11.30	136	299212	40.00	ng	0.00
38) Acenaphthene-d10	15.07	164	204976	40.00	ng	0.00
63) Phenanthrene-d10	17.82	188	540937	40.00	ng	0.00
75) Chrysene-d12	22.18	240	552695	40.00	ng	0.00
86) Perylene-d12	25.80	264	553319	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	209528	110.55	ng	0.00
7) Phenol-d6	7.62	99	305875	105.64	ng	0.00
23) Nitrobenzene-d5	9.64	82	185337	69.05	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	170308	121.15	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	481262	67.06	ng	0.00
78) Terphenyl-d14	20.39	244	828361	70.27	ng	0.00
Target Compounds						
10) Phenol	7.65	94	6368	2.22	ng	82
49) Dimethylphthalate	14.50	163	93578	10.70	ng	# 97

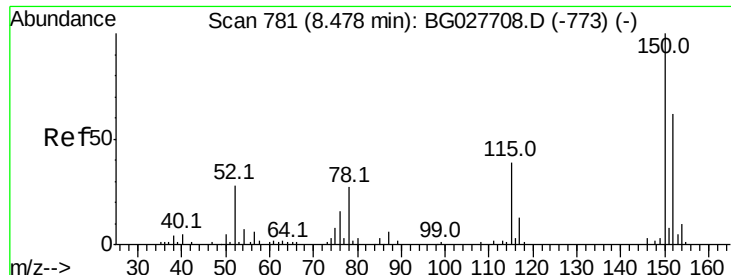
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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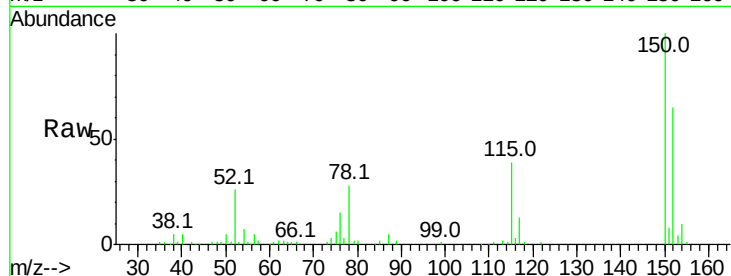


#1

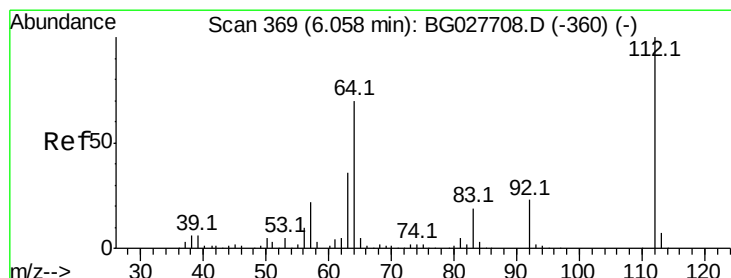
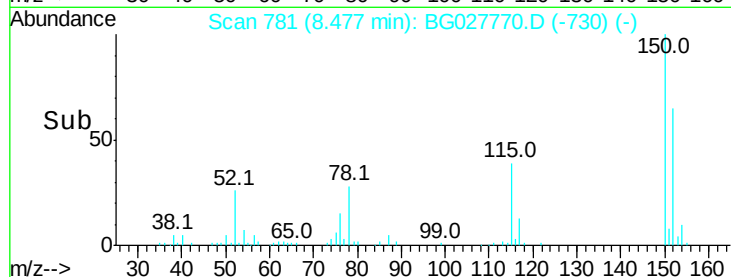
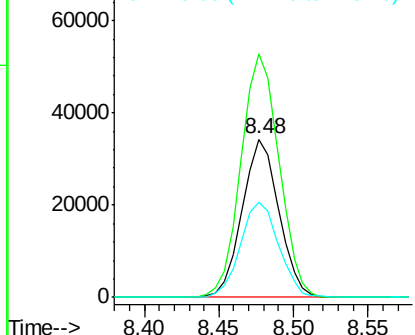
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027770.D
Acq: 1 Jul 2017 1:46

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMP

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



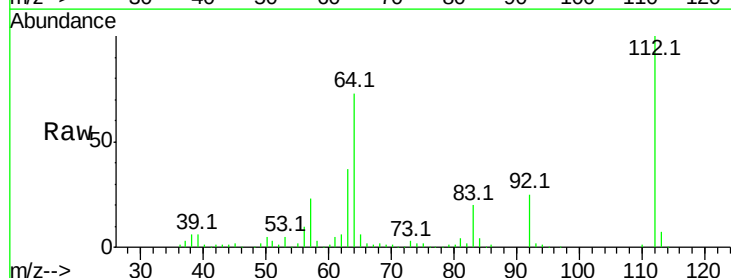
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



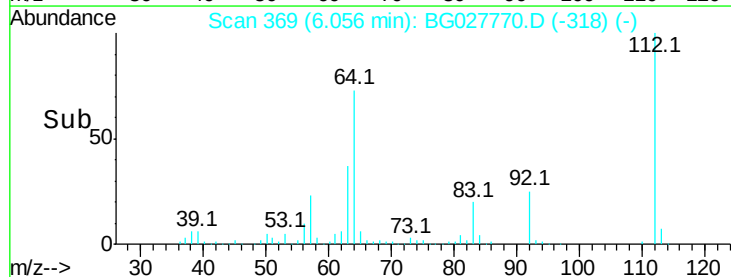
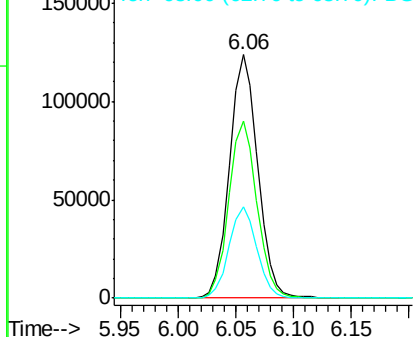
#5

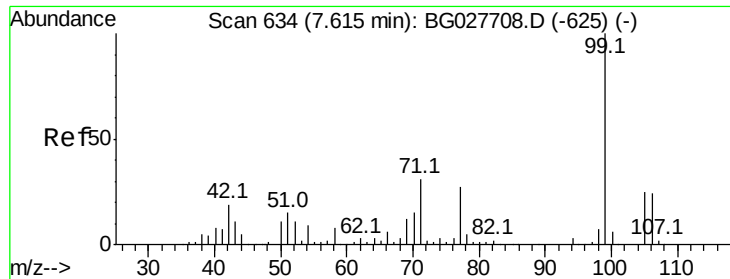
2-Fluorophenol
Concen: 110.55 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027770.D
Acq: 1 Jul 2017 1:46

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: 105.64 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

ClientSampleId :

MH-2093-COMP

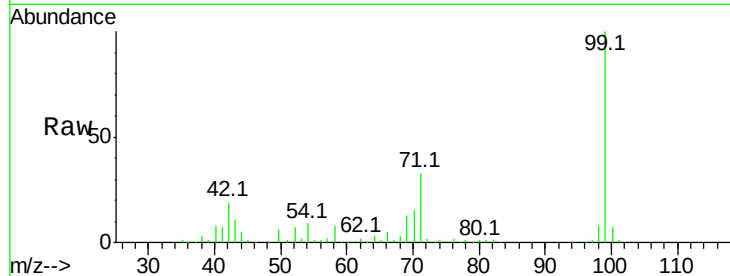
Tot Ion: 99 Resp: 305875

Ion Ratio Lower Upper

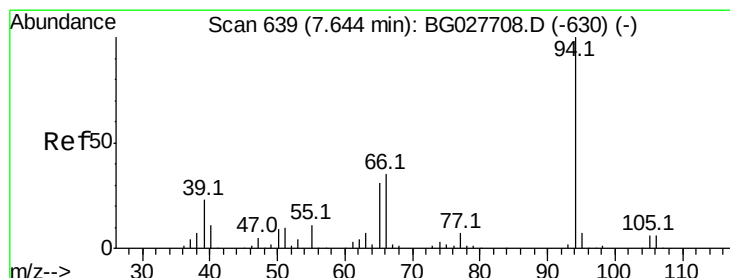
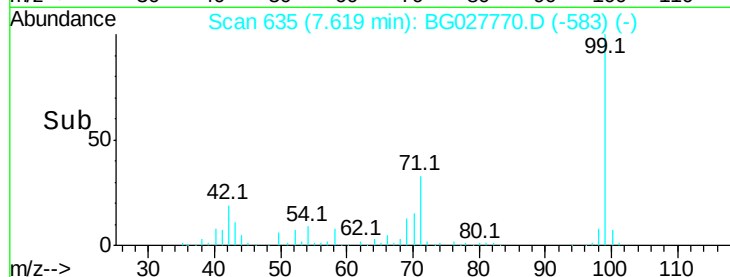
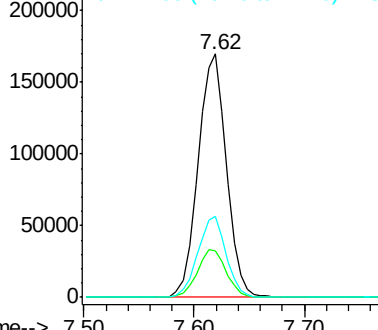
99 100

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



#10

Phenol

Concen: 2.22 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

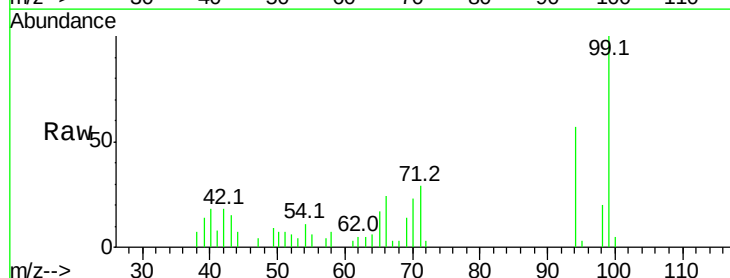
Tgt Ion: 94 Resp: 6368

Ion Ratio Lower Upper

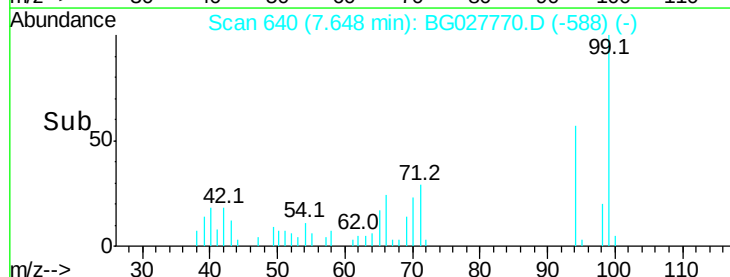
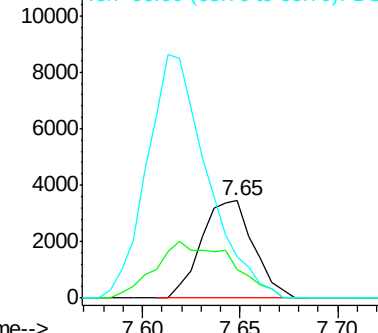
94 100

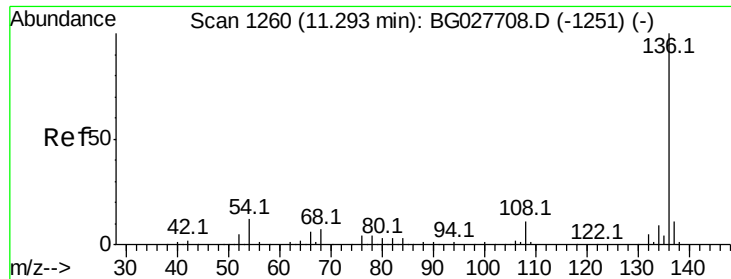
65 29.8 20.6 60.6

66 42.1 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

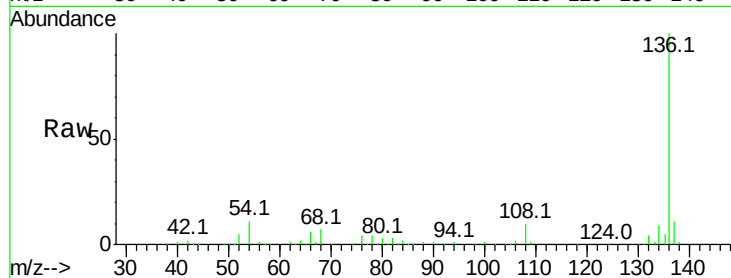




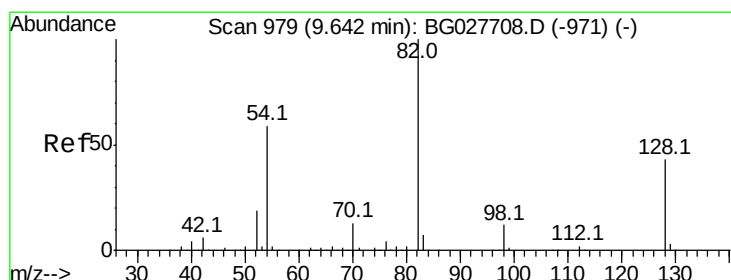
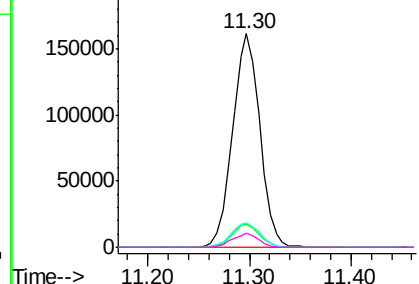
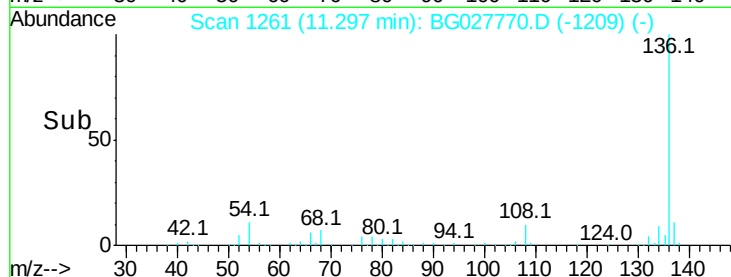
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 11.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG027770.D
Acq: 1 Jul 2017 1:46

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMP

Tot 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

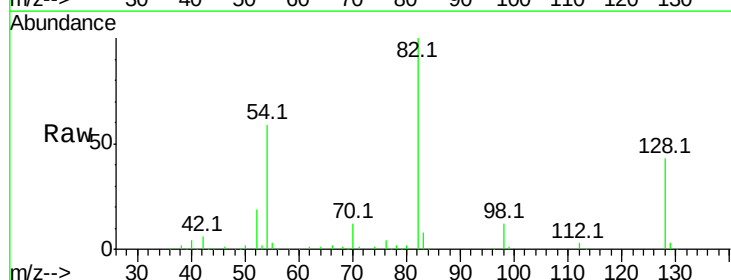


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

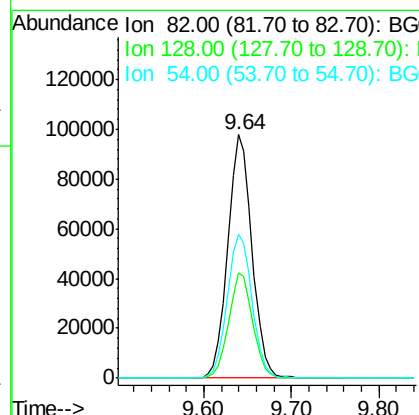
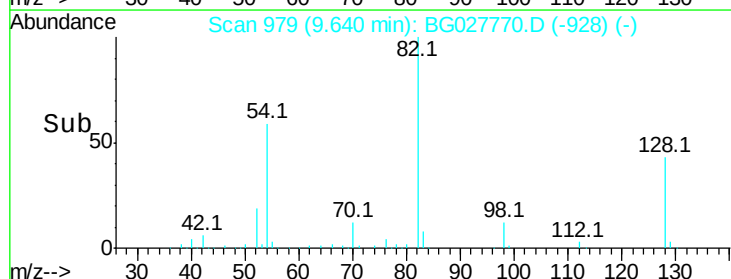


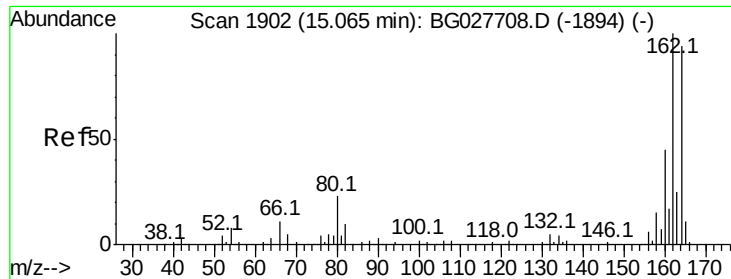
#23
Nitrobenzene-d5
Concen: 69.05 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027770.D
Acq: 1 Jul 2017 1:46

Tgt 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: 40.00 ng

RT: 15.07 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMP

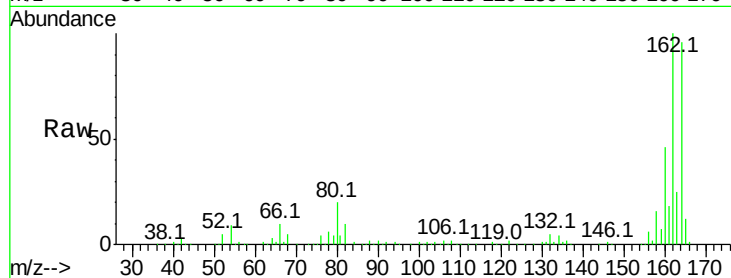
Tot Ion:164 Resp: 204976

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

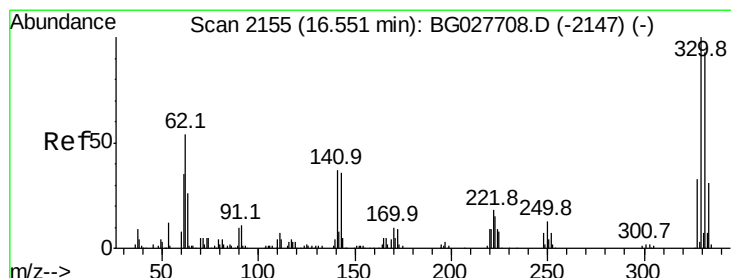
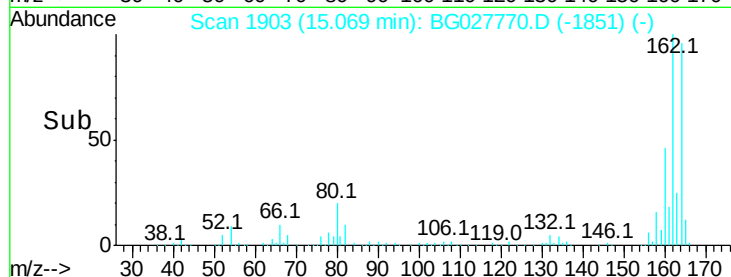
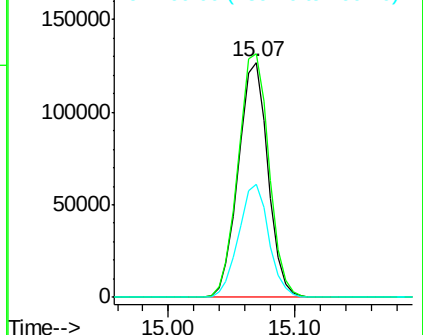
160 47.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): 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: 121.15 ng

RT: 16.55 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

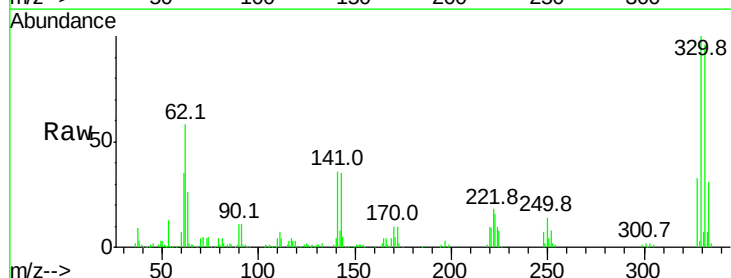
Tgt Ion:330 Resp: 170308

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

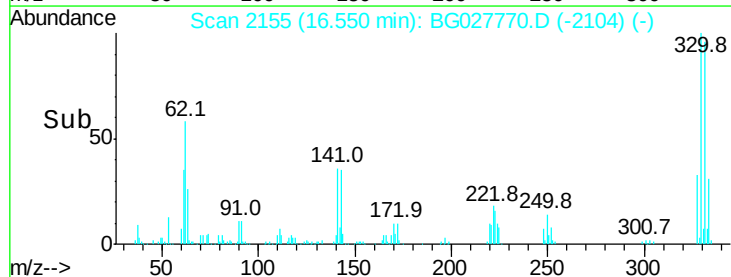
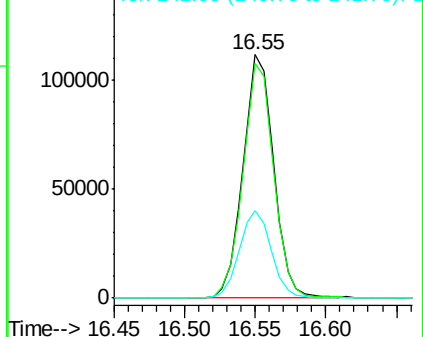
141 37.4 32.1 48.1

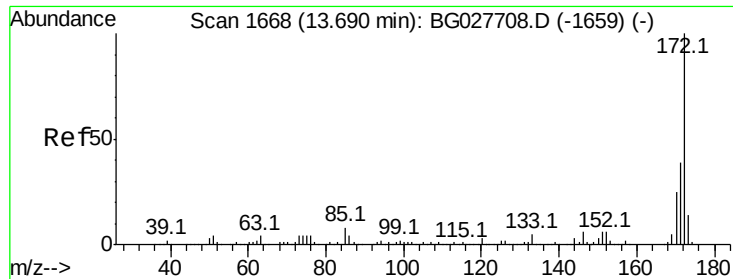


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

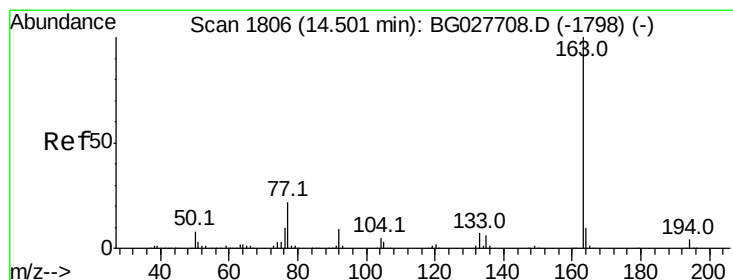
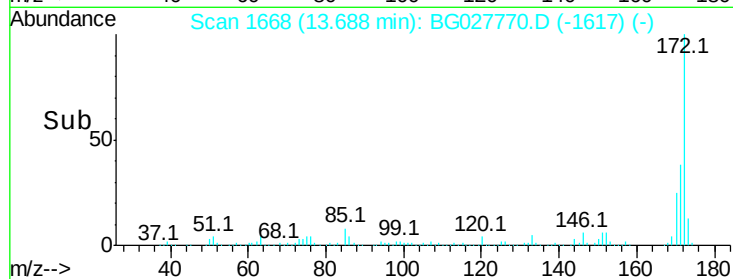
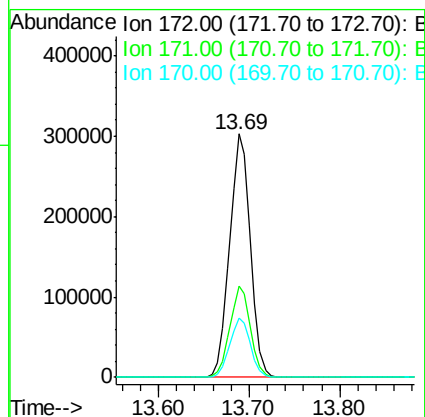
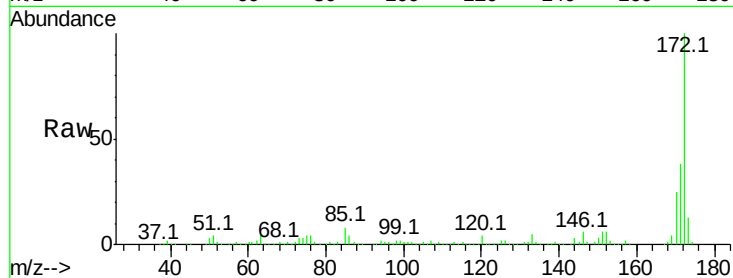




#44
 2-Fluorobiphenyl
 Concen: 67.06 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027770.D
 Acq: 1 Jul 2017 1:46

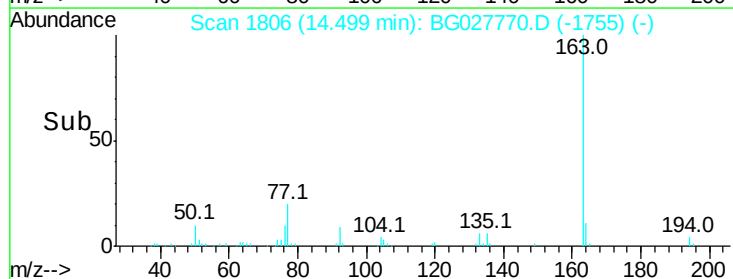
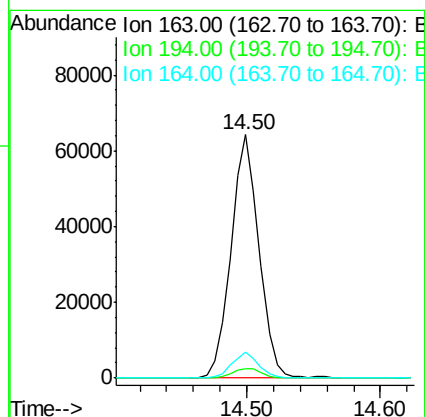
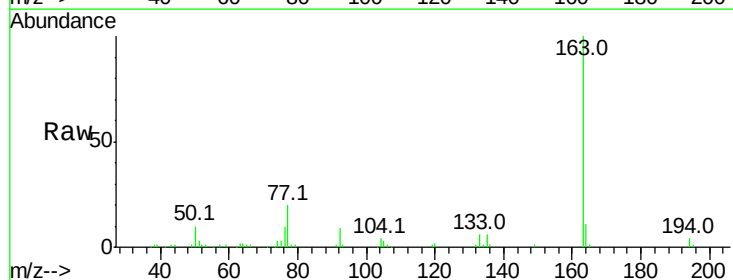
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMP

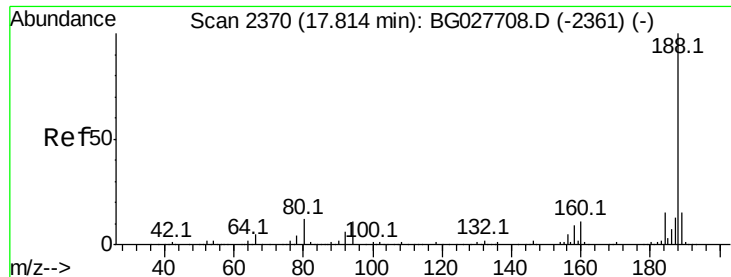
Tot Ion:172 Resp: 481262
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 24.6 21.8 32.6



#49
 Dimethylphthalate
 Concen: 10.70 ng
 RT: 14.50 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG027770.D
 Acq: 1 Jul 2017 1:46

Tgt Ion:163 Resp: 93578
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.8 5.6#
 164 10.6 9.3 13.9





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 17.82 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMP

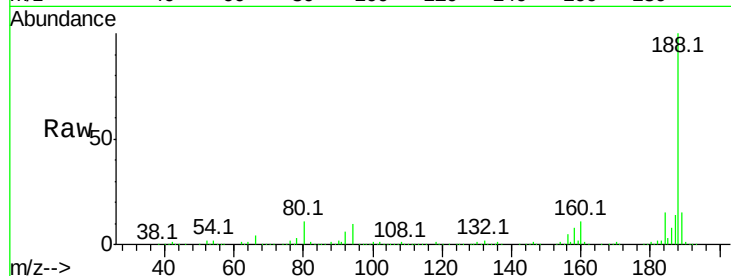
Tot Ion:188 Resp: 540937

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

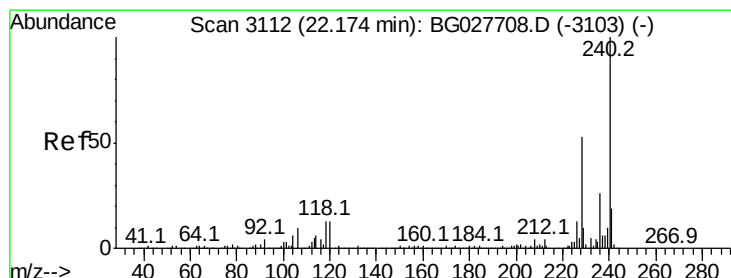
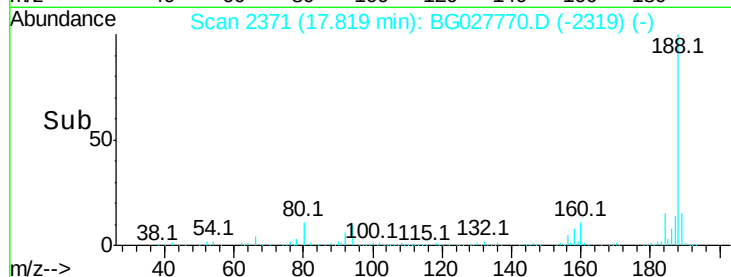
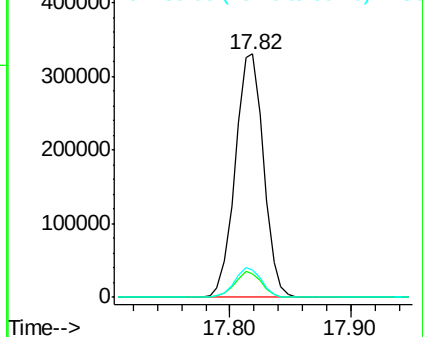
80 11.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 40.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

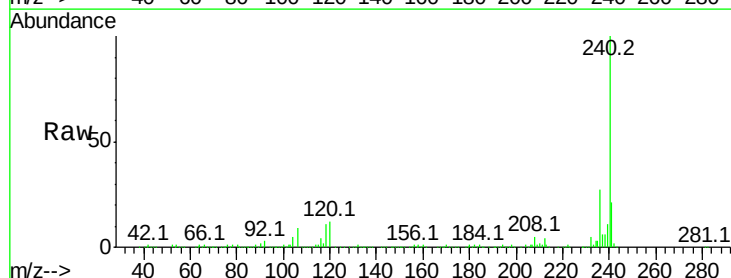
Tgt Ion:240 Resp: 552695

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

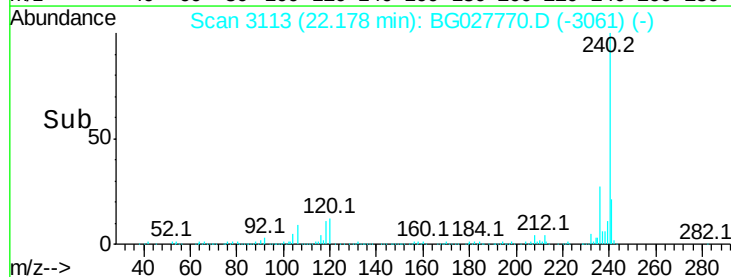
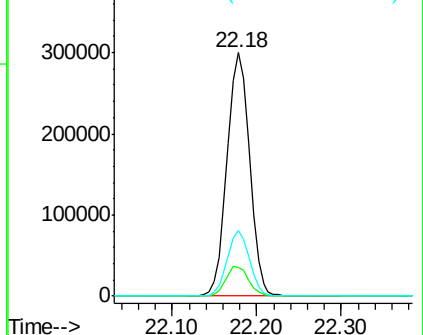
236 27.0 22.2 33.4

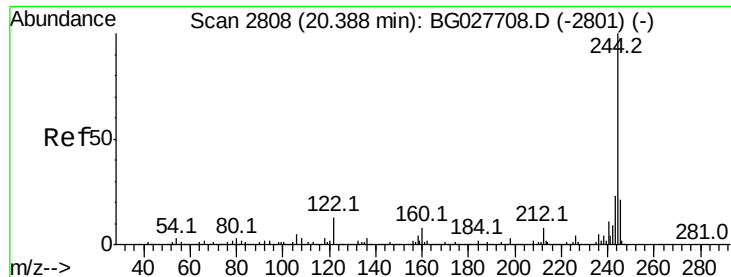


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.27 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

Instrument :

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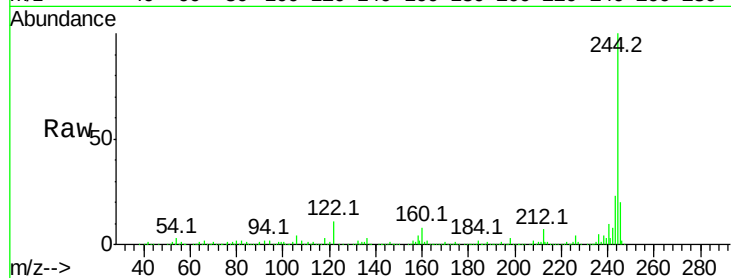
Tot Ion:244 Resp: 828361

Ion Ratio Lower Upper

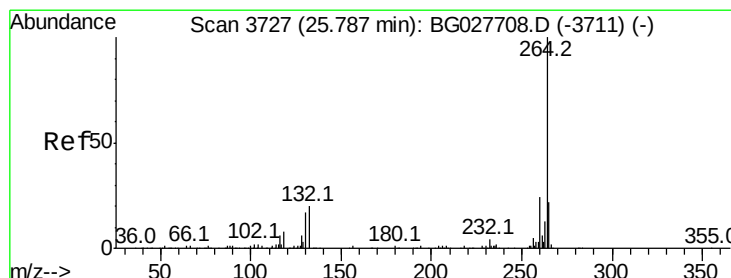
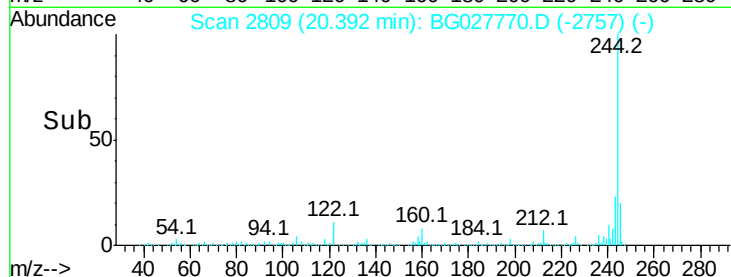
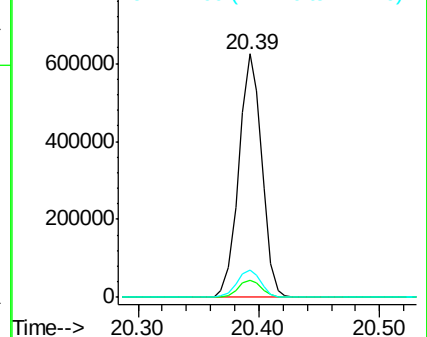
244 100

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: 40.00 ng

RT: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027770.D

Acq: 1 Jul 2017 1:46

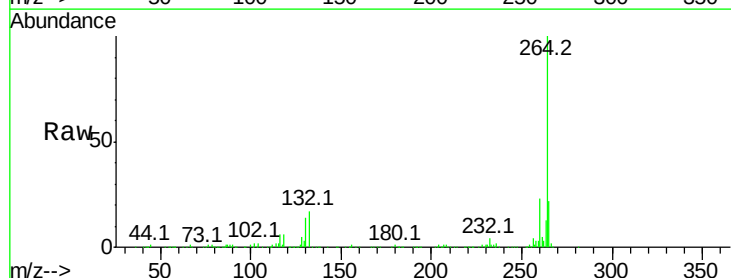
Tgt Ion:264 Resp: 553319

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

