

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027752.D
 Acq On : 29 Jun 2017 22:30
 Operator : SJ/JU
 Sample : I3928-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 30 04:40:00 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

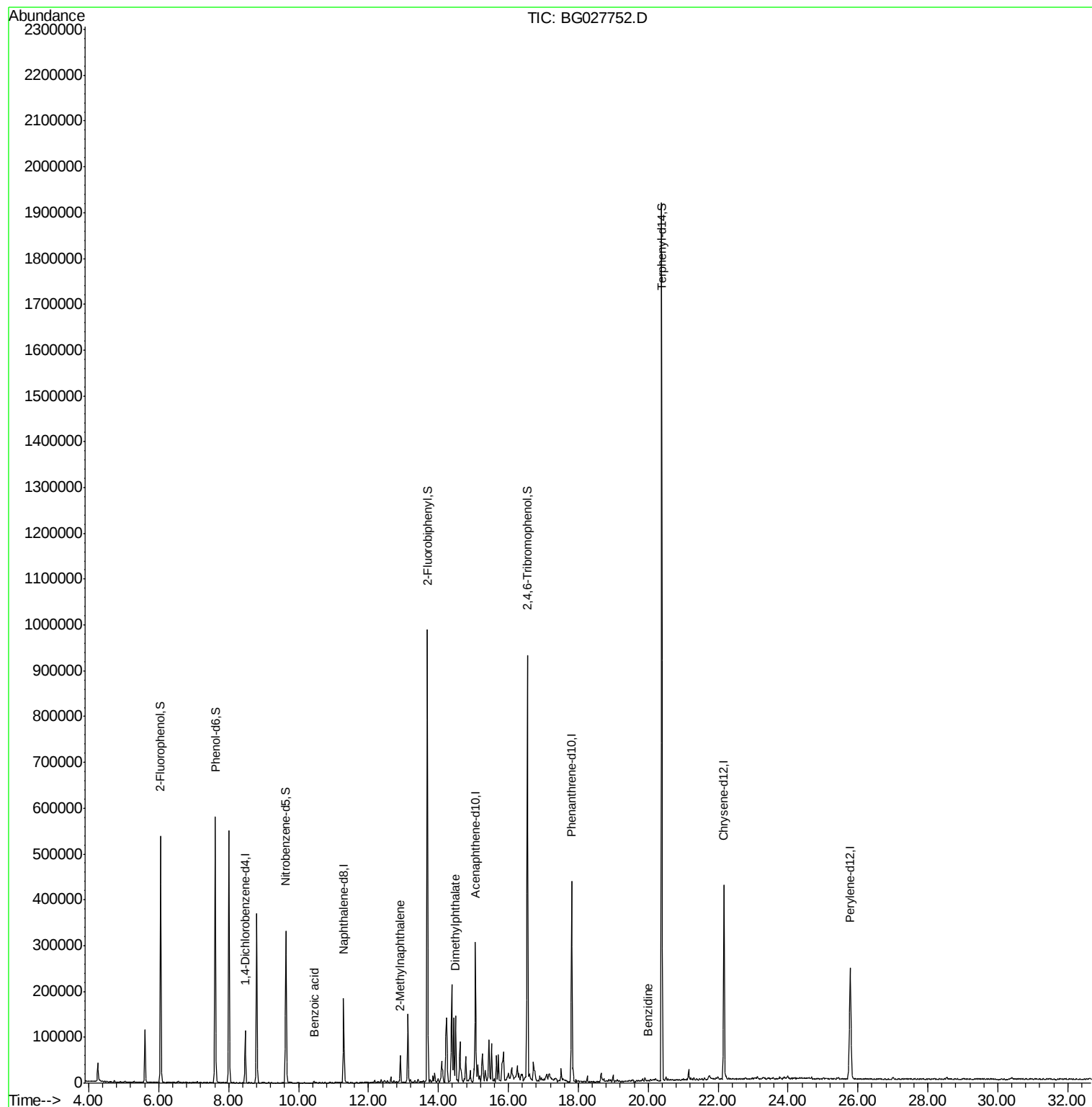
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	34024	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	166139	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	104724	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	269035	20.00	ng	0.00
75) Chrysene-d12	22.17	240	274422	20.00	ng	0.00
86) Perylene-d12	25.78	264	269423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	239586	108.44	ng	0.00
7) Phenol-d6	7.61	99	352184	104.34	ng	0.00
23) Nitrobenzene-d5	9.64	82	210708	70.69	ng	0.00
41) 2,4,6-Tribromophenol	16.54	330	171833	119.63	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	513479	70.03	ng	0.00
78) Terphenyl-d14	20.39	244	845490	72.23	ng	0.00
Target Compounds						
32) Benzoic acid	10.43	122	2299	10.03	ng	Qvalue # 3
37) 2-Methylnaphthalene	12.91	142	29655	4.51	ng	95
49) Dimethylphthalate	14.49	163	87530	9.80	ng	99
76) Benzidine	20.01	184	74	3.23	ng	# 64

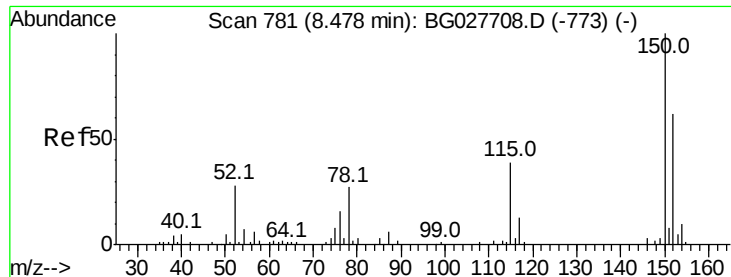
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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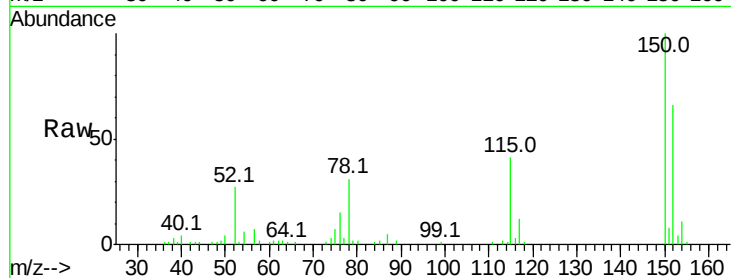


#1

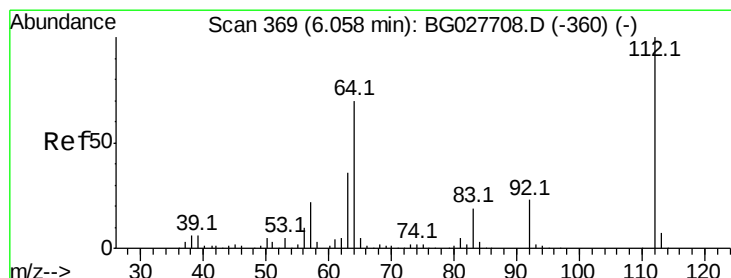
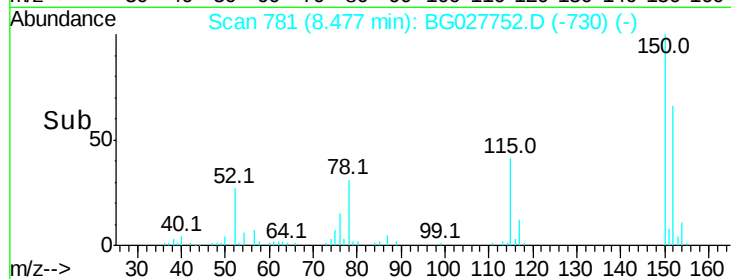
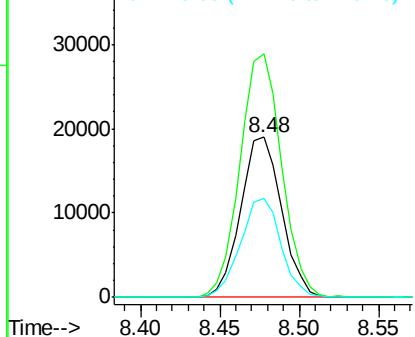
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027752.D
Acq: 29 Jun 2017 22:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34024
Ion Ratio Lower Upper
152 100
150 152.3 114.0 171.0
115 62.0 48.1 72.1



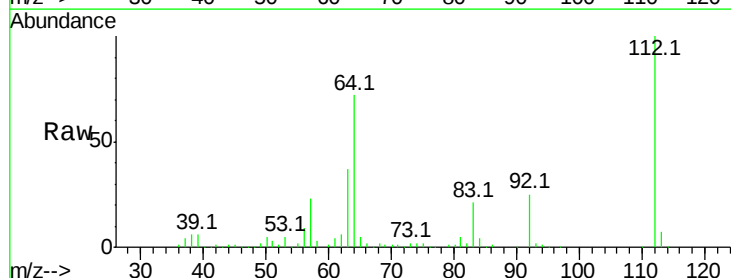
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



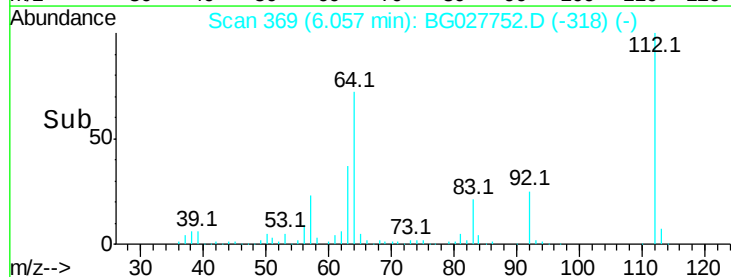
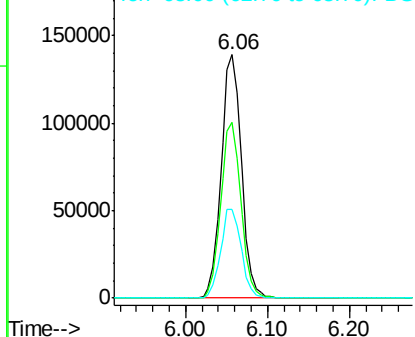
#5

2-Fluorophenol
Concen: 108.44 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027752.D
Acq: 29 Jun 2017 22:30

Tgt Ion:112 Resp: 239586
Ion Ratio Lower Upper
112 100
64 72.3 61.8 92.6
63 36.7 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.34 ng

RT: 7.61 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

Instrument :

BNA_G

ClientSampleId :

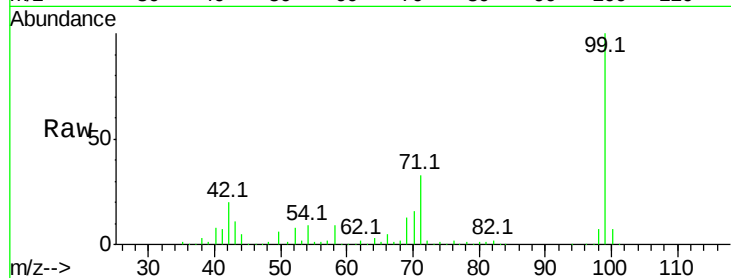
Tot Ion: 99 Resp: 352184

Ion Ratio Lower Upper

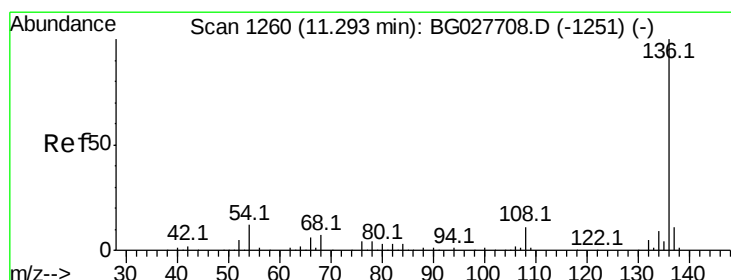
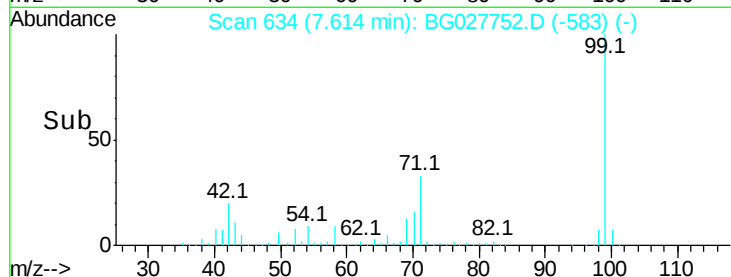
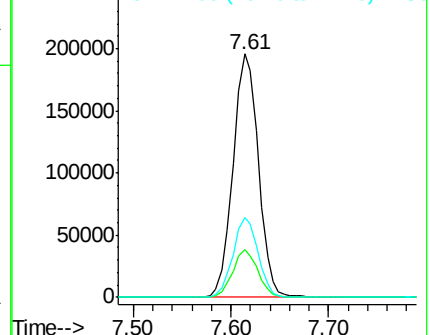
99 100

42 19.8 20.5 30.7#

71 32.9 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

Tgt Ion: 136 Resp: 166139

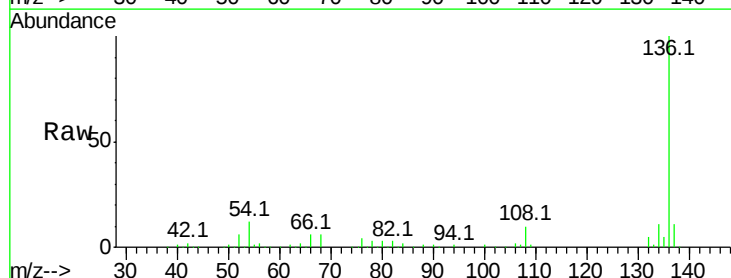
Ion Ratio Lower Upper

136 100

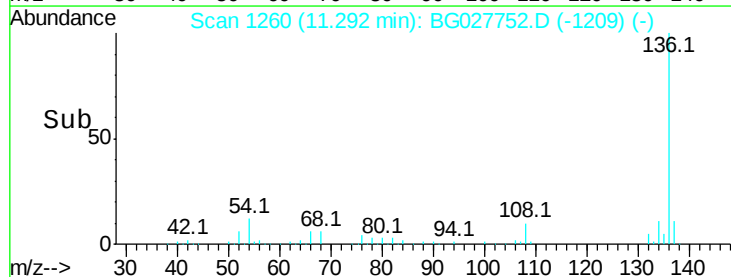
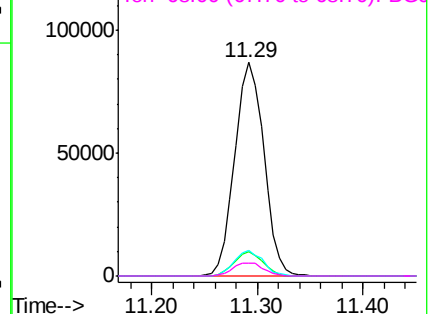
137 11.5 8.9 13.3

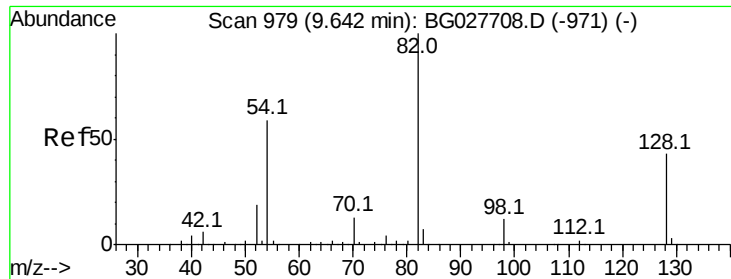
54 12.0 9.3 13.9

68 5.9 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

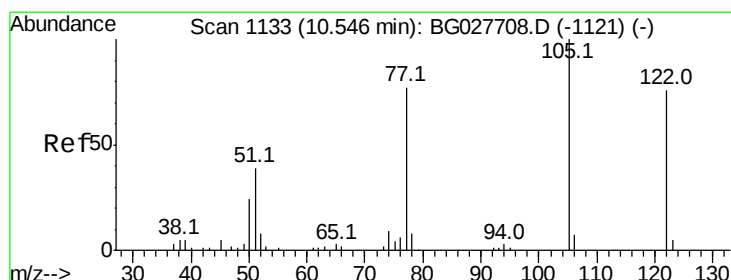
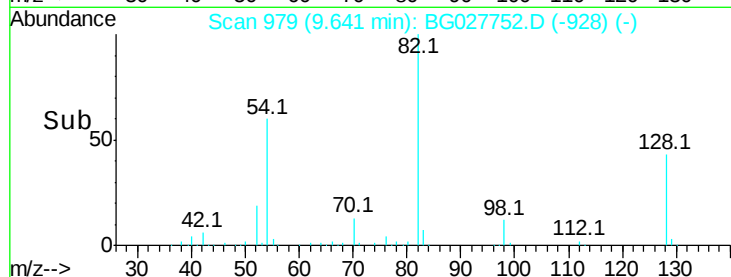
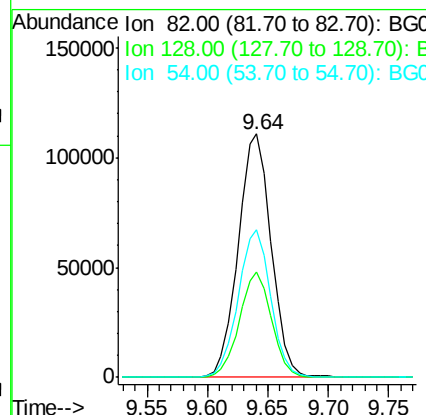
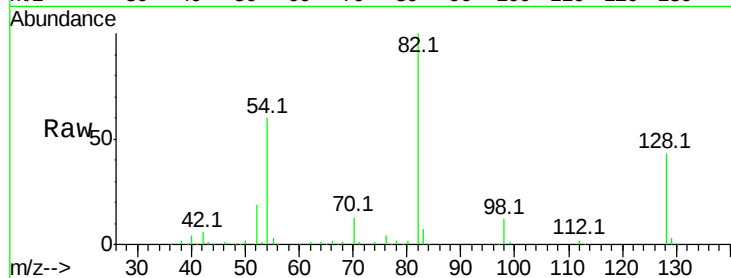




#23
 Nitrobenzene-d5
 Concen: 70.69 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027752.D
 Acq: 29 Jun 2017 22:30

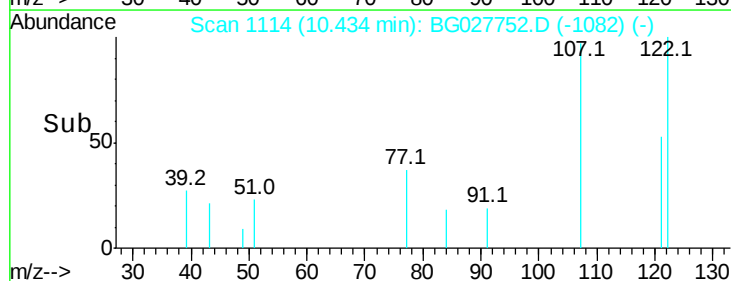
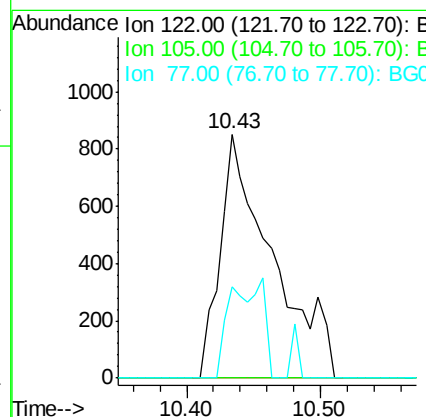
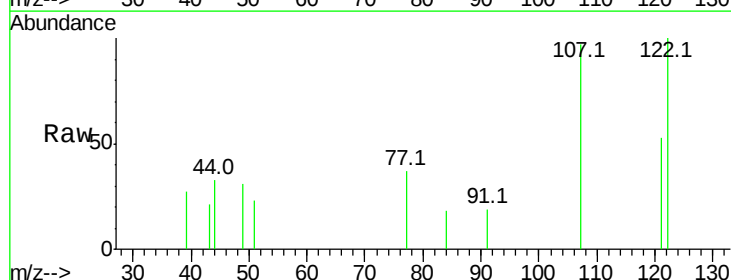
Instrument :
 BNA_G
 ClientSampled :

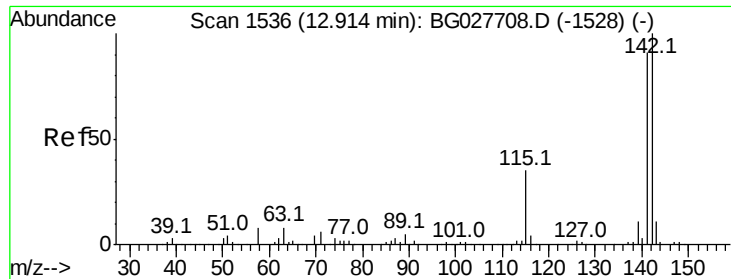
Tot Ion: 82 Resp: 210708
 Ion Ratio Lower Upper
 82 100
 128 43.5 26.4 39.6#
 54 60.5 49.4 74.2



#32
 Benzoic acid
 Concen: 10.03 ng
 RT: 10.43 min Scan# 1114
 Delta R.T. -0.11 min
 Lab File: BG027752.D
 Acq: 29 Jun 2017 22:30

Tgt Ion:122 Resp: 2299
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 37.4 104.6 144.6#

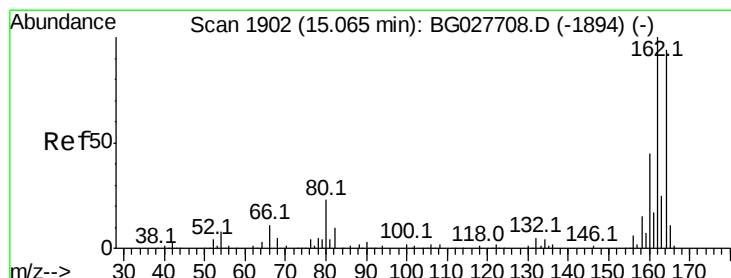
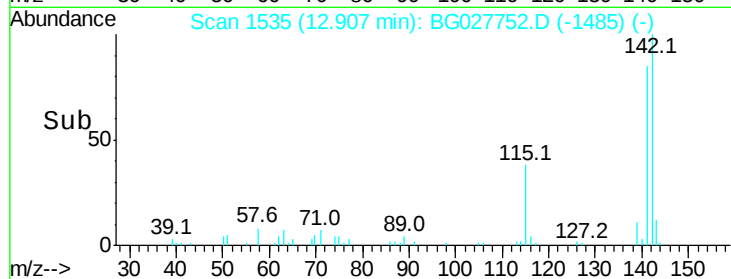
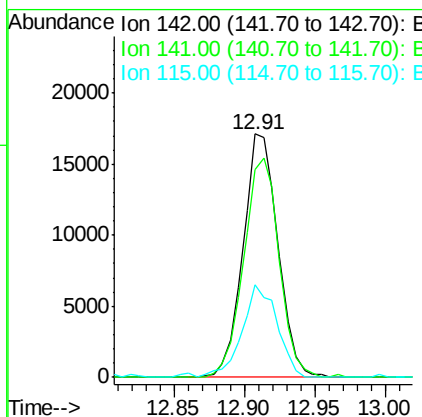
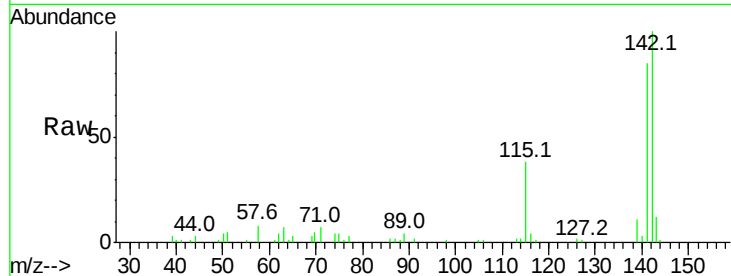




#37
 2-Methylnaphthalene
 Concen: 4.51 ng
 RT: 12.91 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG027752.D
 Acq: 29 Jun 2017 22:30

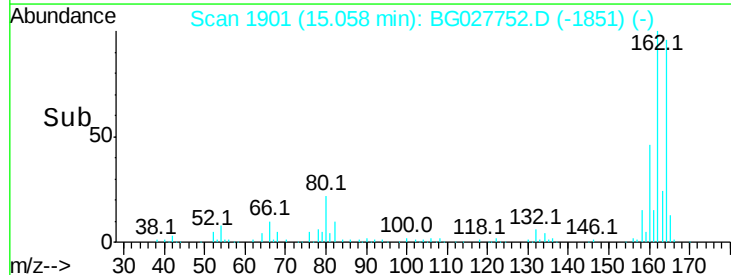
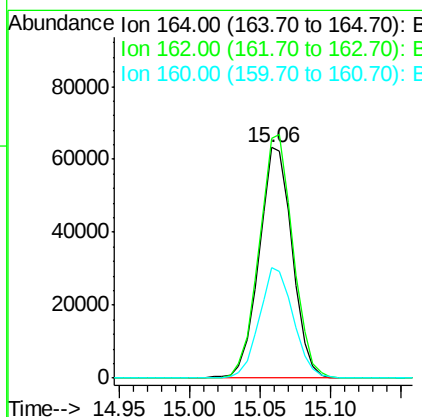
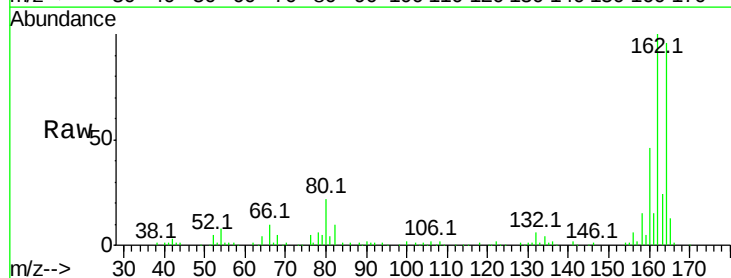
Instrument :
 BNA_G
 ClientSampleId :

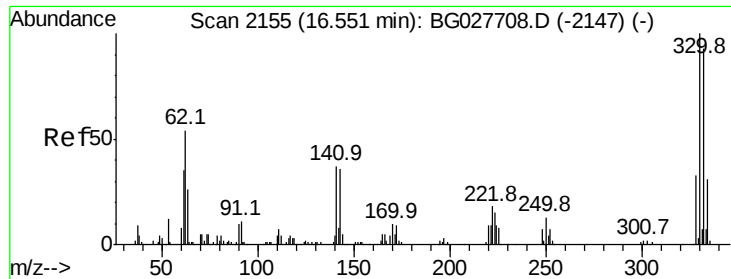
Tot Ion:142 Resp: 29655
 Ion Ratio Lower Upper
 142 100
 141 85.4 70.4 105.6
 115 37.9 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG027752.D
 Acq: 29 Jun 2017 22:30

Tgt Ion:164 Resp: 104724
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 48.1 34.7 52.1

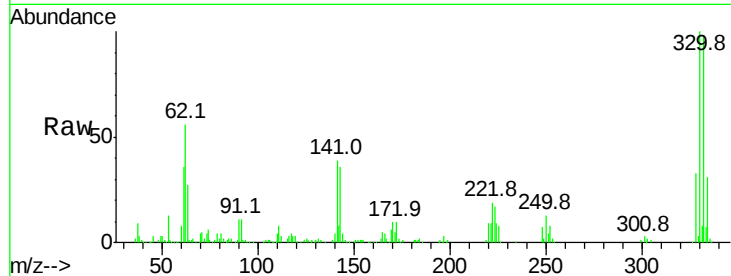




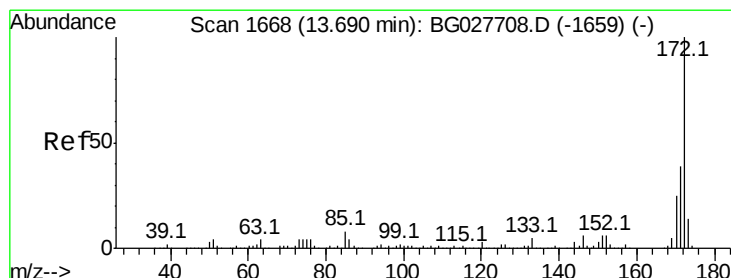
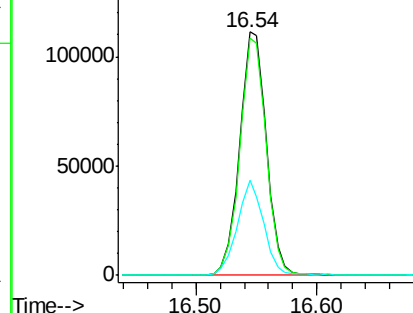
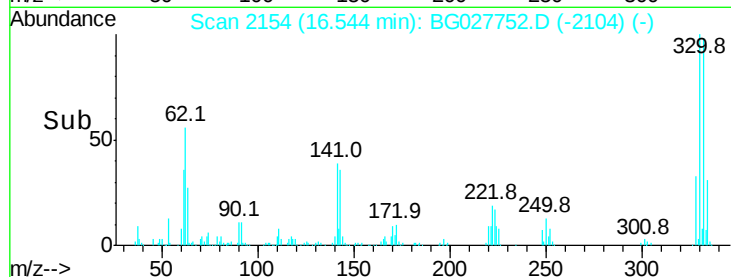
#41
 2,4,6-Tribromophenol
 Concen: 119.63 ng
 RT: 16.54 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG027752.D
 Acq: 29 Jun 2017 22:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	38.2	32.1	48.1

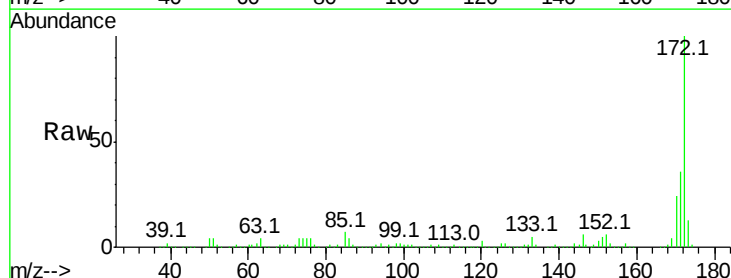


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

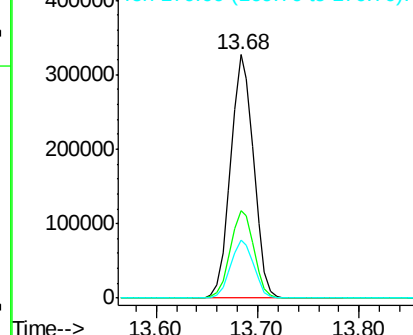
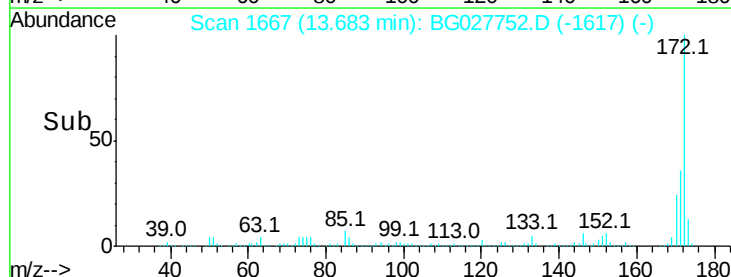


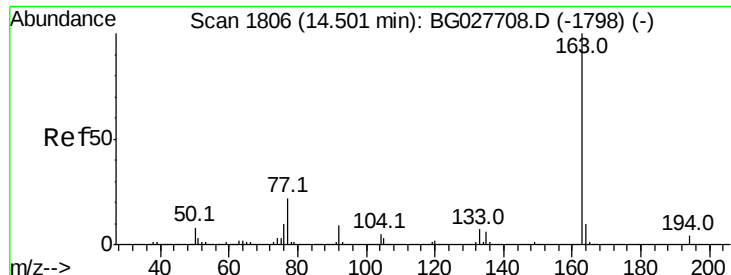
#44
 2-Fluorobiphenyl
 Concen: 70.03 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027752.D
 Acq: 29 Jun 2017 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	23.8	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: 9.80 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

Instrument :

BNA_G

ClientSampleId :

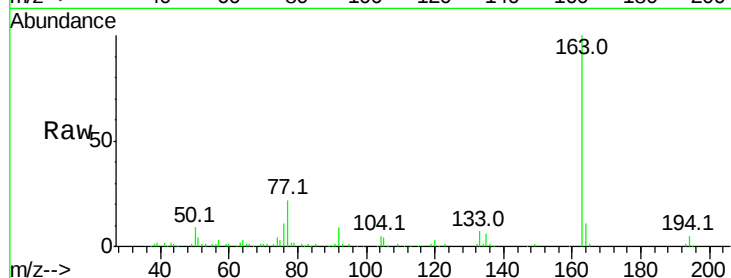
Tot Ion:163 Resp: 87530

Ion Ratio Lower Upper

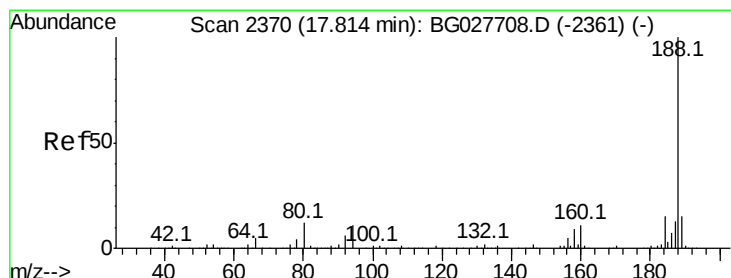
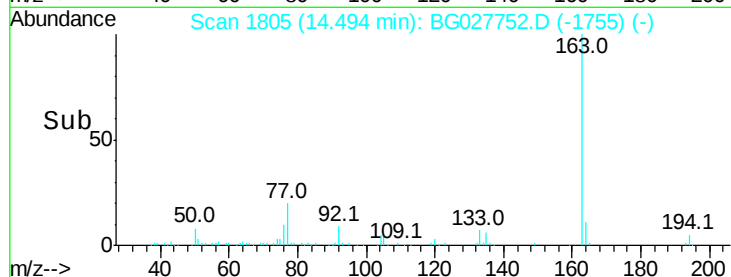
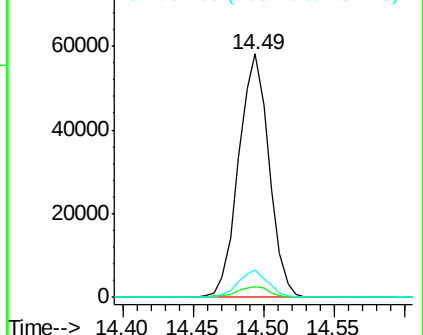
163 100

194 4.6 3.8 5.6

164 11.0 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: 17.81 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

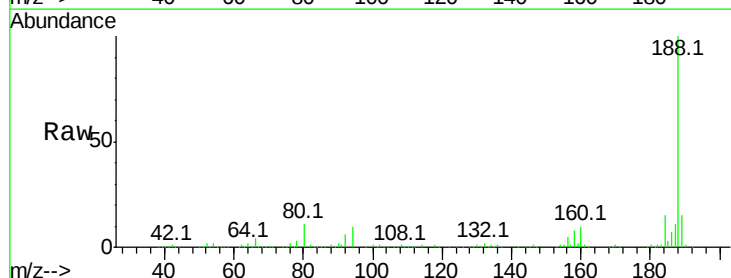
Tgt Ion:188 Resp: 269035

Ion Ratio Lower Upper

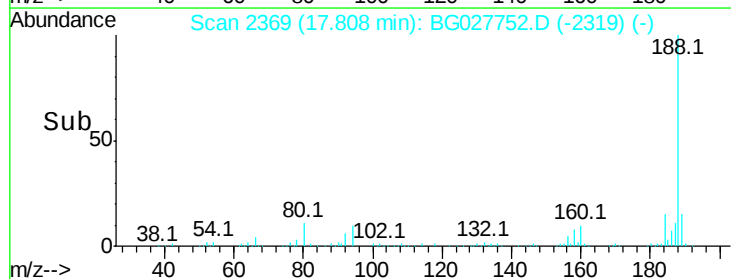
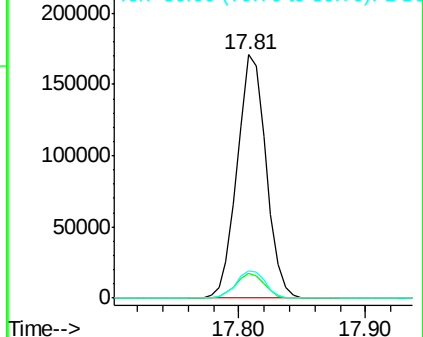
188 100

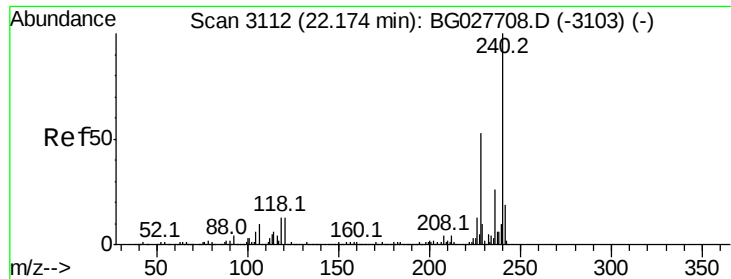
94 10.3 5.8 8.8#

80 11.3 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: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

Instrument :

BNA_G

ClientSampleId :

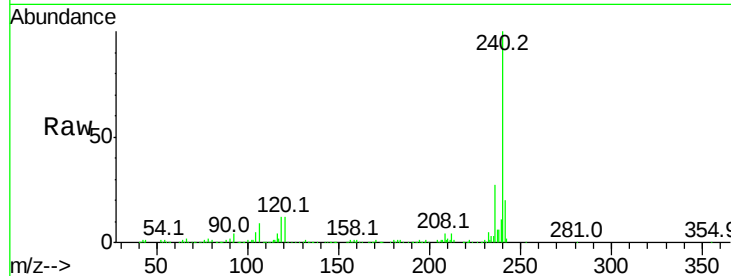
Tot Ion:240 Resp: 274422

Ion Ratio Lower Upper

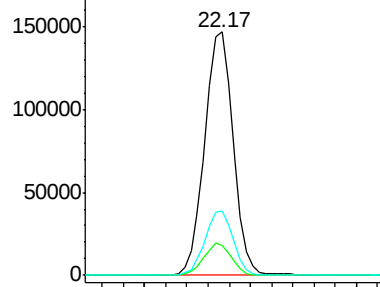
240 100

120 12.2 5.7 8.5#

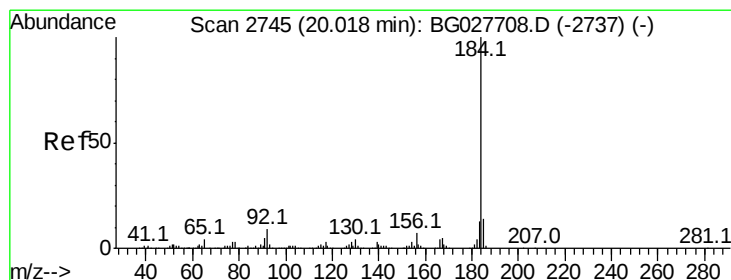
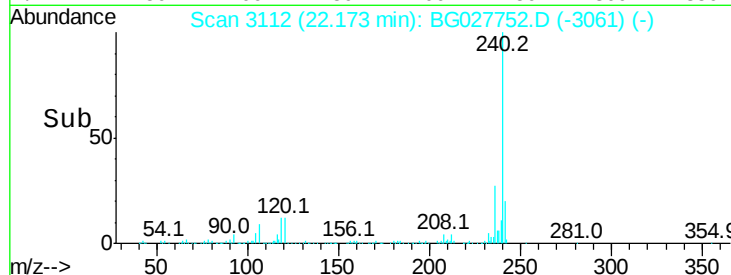
236 26.6 22.2 33.4



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



Time-->



#76

Benzidine

Concen: 3.23 ng

RT: 20.01 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

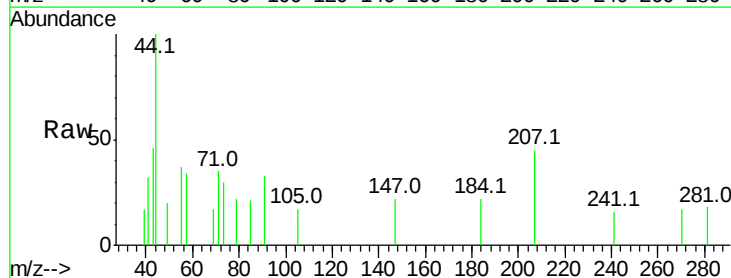
Tgt Ion:184 Resp: 74

Ion Ratio Lower Upper

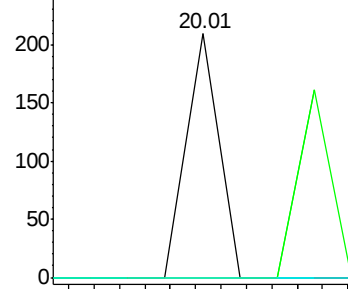
184 100

185 0.0 13.0 19.6#

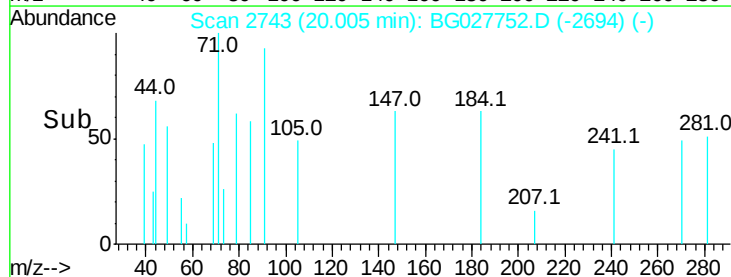
183 0.0 11.0 16.6#

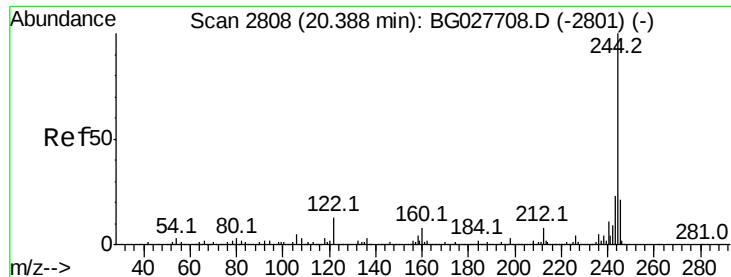


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





#78

Terphenyl-d14

Concen: 72.23 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

Instrument :

BNA_G

ClientSampleId :

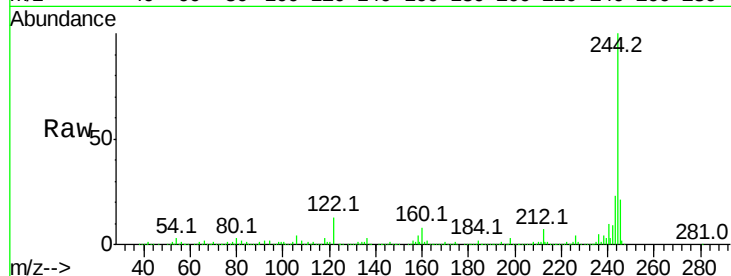
Tot Ion:244 Resp: 845490

Ion Ratio Lower Upper

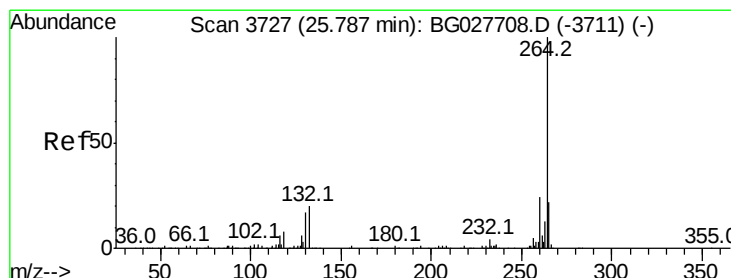
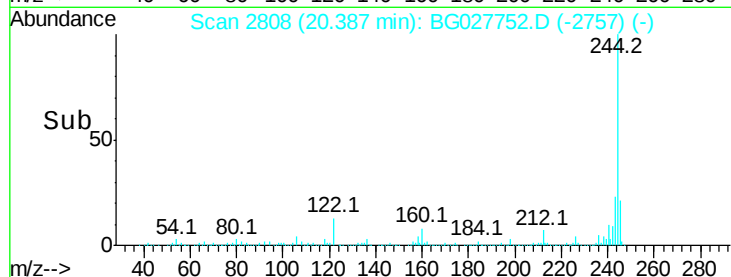
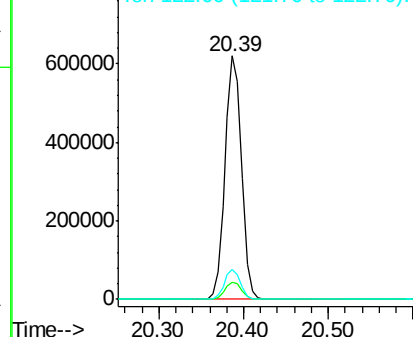
244 100

212 7.3 10.0 15.0#

122 12.5 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: 25.78 min Scan# 3726

Delta R.T. -0.01 min

Lab File: BG027752.D

Acq: 29 Jun 2017 22:30

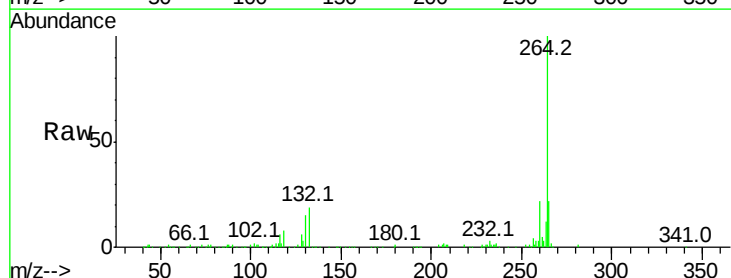
Tgt Ion:264 Resp: 269423

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 21.8 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

