

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027747.D
 Acq On : 29 Jun 2017 19:13
 Operator : SJ/JU
 Sample : I3947-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 30 04:37:33 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

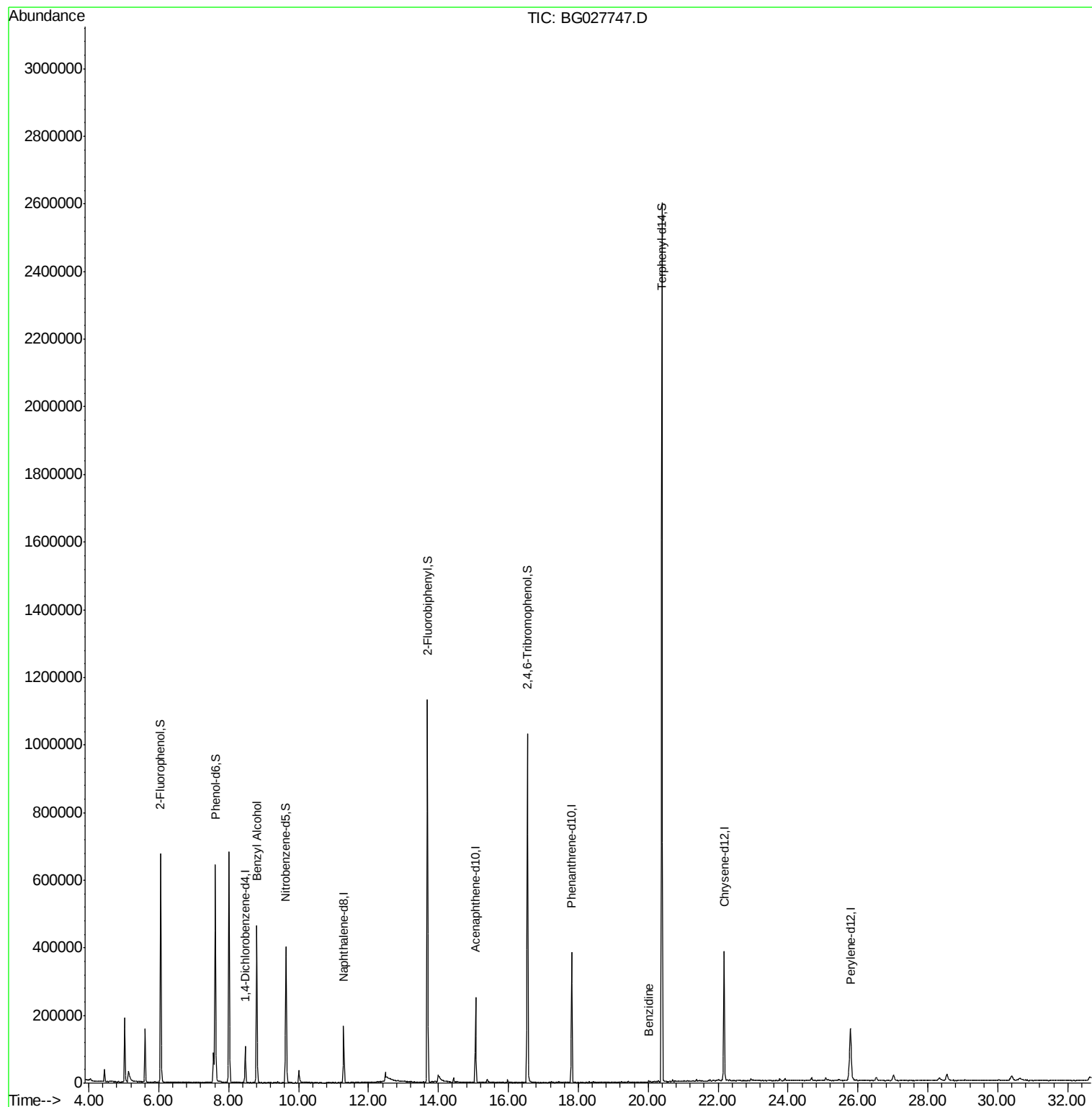
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	31714	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	150528	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	87811	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	239462	20.00	ng	0.00
75) Chrysene-d12	22.17	240	246262	20.00	ng	0.00
86) Perylene-d12	25.78	264	162862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	300456	145.89	ng	0.00
7) Phenol-d6	7.62	99	389461	123.79	ng	0.00
23) Nitrobenzene-d5	9.64	82	259208	95.99	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	204379	169.69	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	604863	98.38	ng	0.00
78) Terphenyl-d14	20.39	244	1160511	110.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.81	79	4444	2.04	ng	# 51
76) Benzidine	20.03	184	60	3.23	ng	# 64

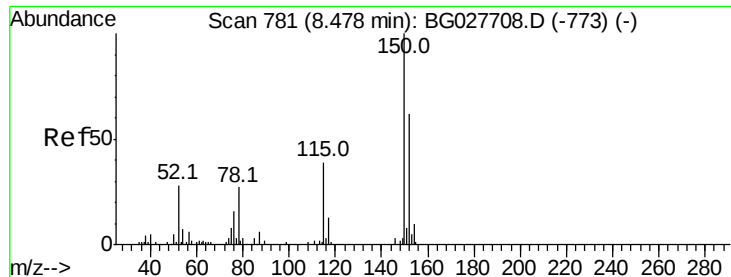
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027747.D
Acq On : 29 Jun 2017 19:13
Operator : SJ/JU
Sample : I3947-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 30 04:37:33 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



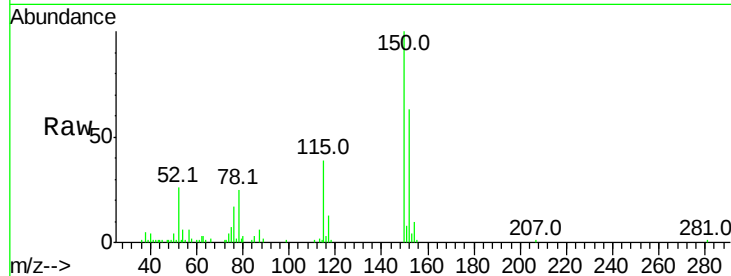


#1

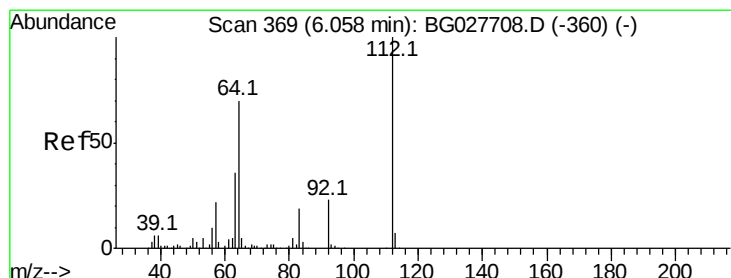
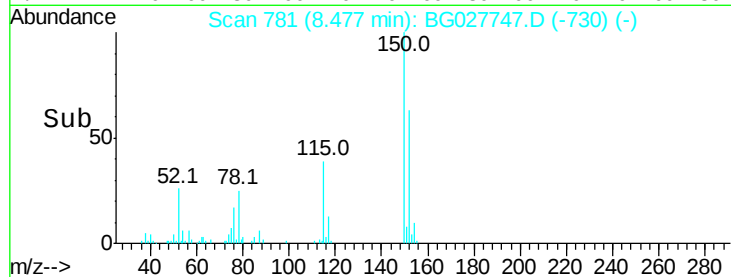
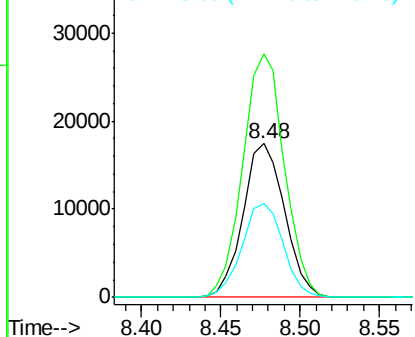
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31714
Ion Ratio Lower Upper
152 100
150 158.3 114.0 171.0
115 61.0 48.1 72.1



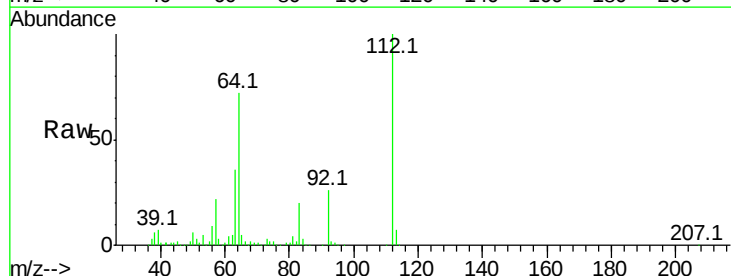
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



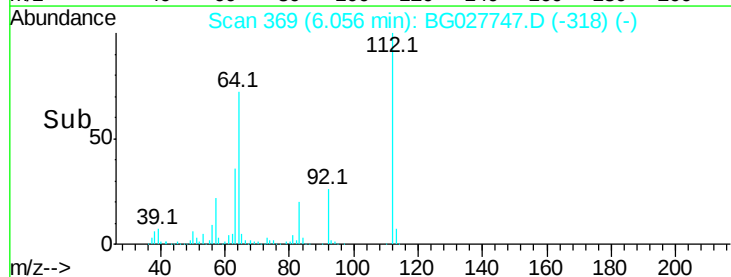
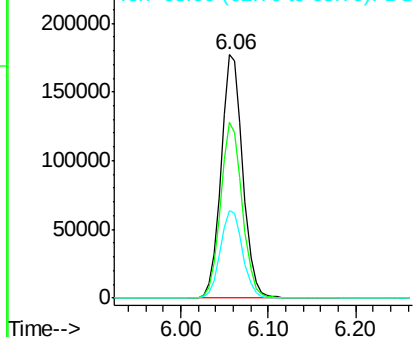
#5

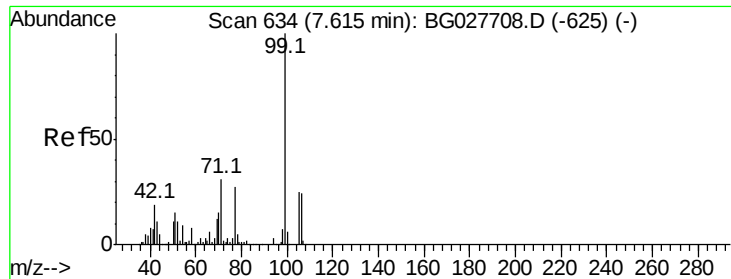
2-Fluorophenol
Concen: 145.89 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

Tgt Ion:112 Resp: 300456
Ion Ratio Lower Upper
112 100
64 72.3 61.8 92.6
63 35.8 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: 123.79 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027747.D

Acq: 29 Jun 2017 19:13

Instrument :

BNA_G

ClientSampled :

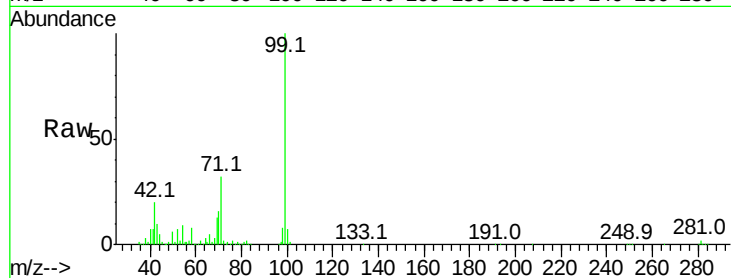
Tot Ion: 99 Resp: 389461

Ion Ratio Lower Upper

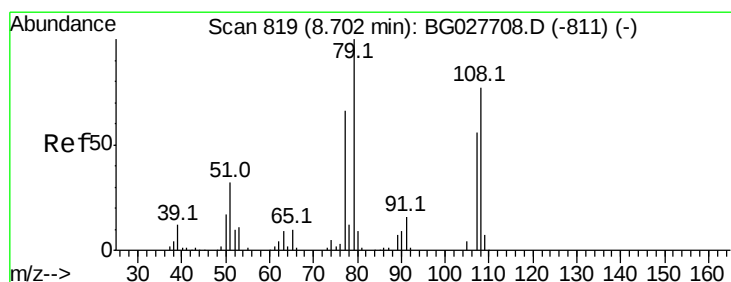
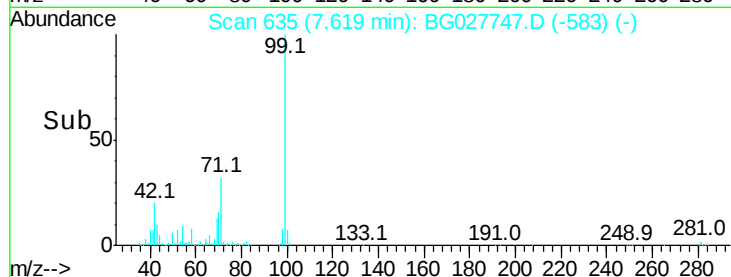
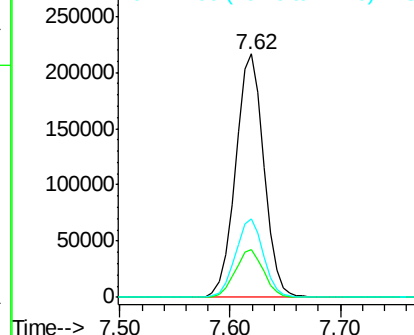
99 100

42 19.6 20.5 30.7#

71 32.0 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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.81 min Scan# 837

Delta R.T. 0.10 min

Lab File: BG027747.D

Acq: 29 Jun 2017 19:13

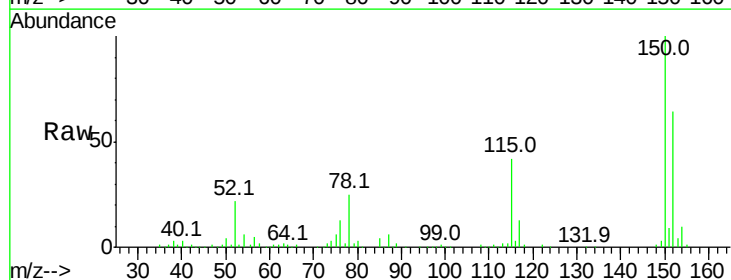
Tgt Ion: 79 Resp: 4444

Ion Ratio Lower Upper

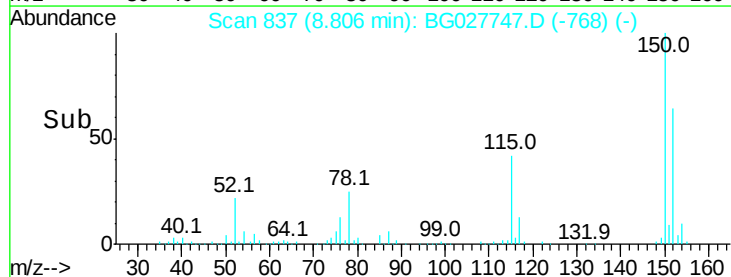
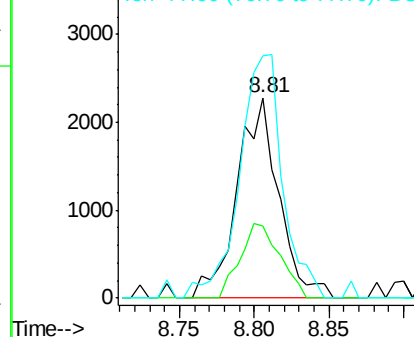
79 100

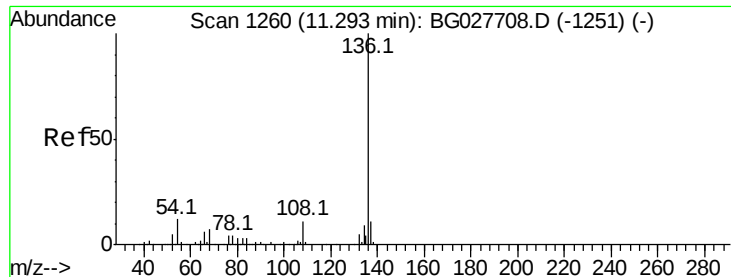
108 36.0 45.5 68.3#

77 121.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

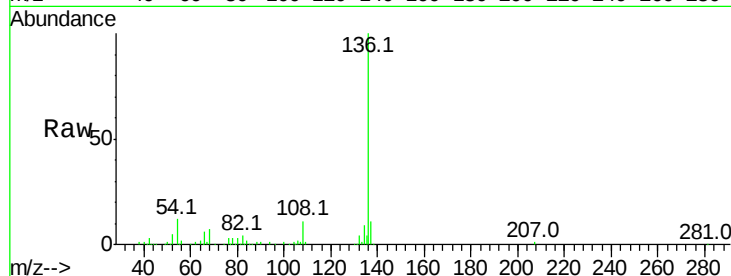




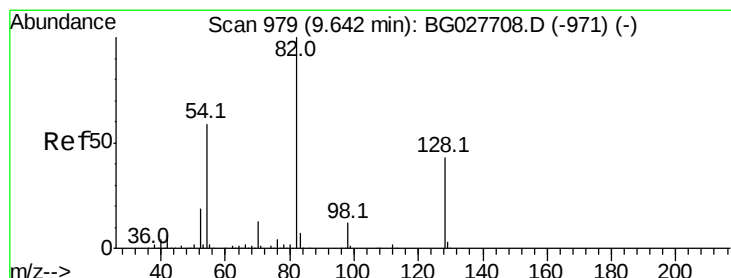
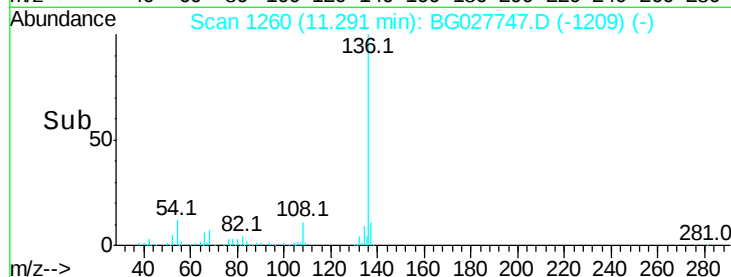
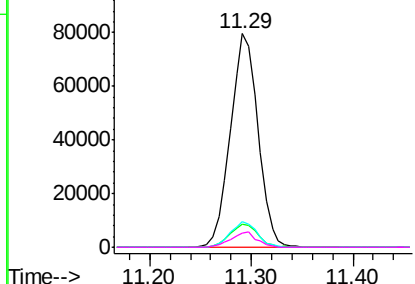
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	150528
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 12.1	9.3	13.9
68 6.7	5.1	7.7

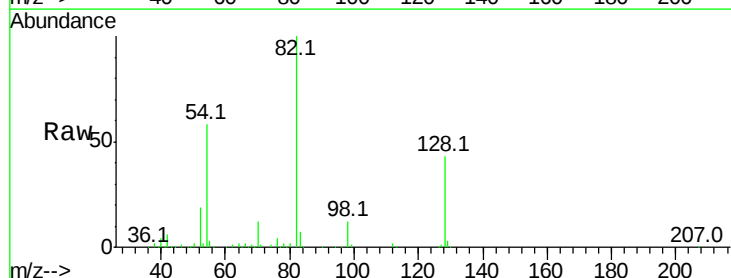


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

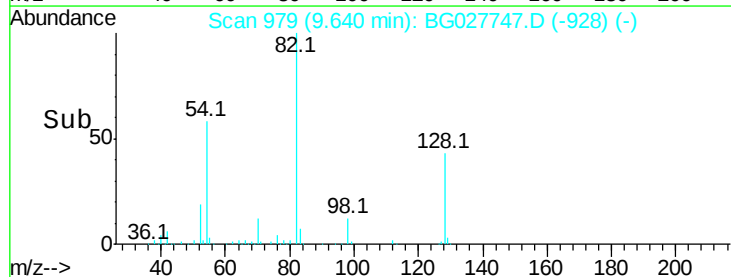
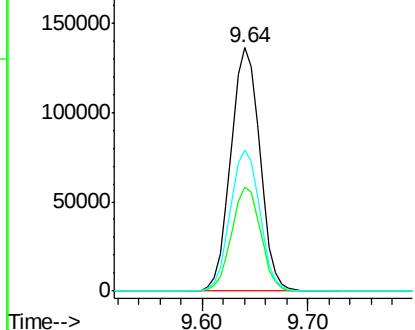


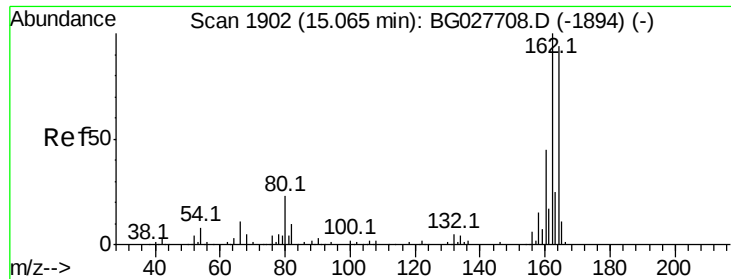
#23
Nitrobenzene-d5
Concen: 95.99 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

Tgt Ion: 82	Resp: 259208
Ion Ratio	Lower Upper
82 100	
128 42.7	26.4 39.6#
54 57.9	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

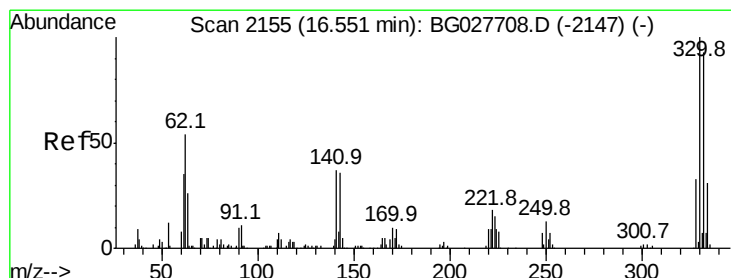
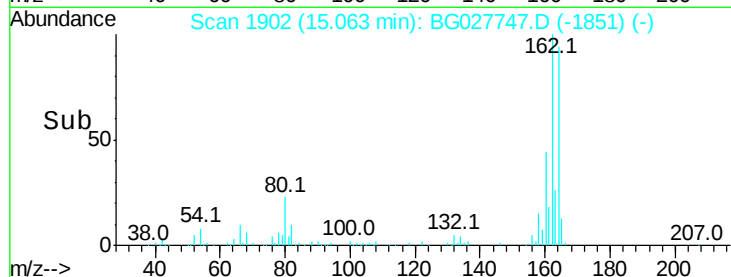
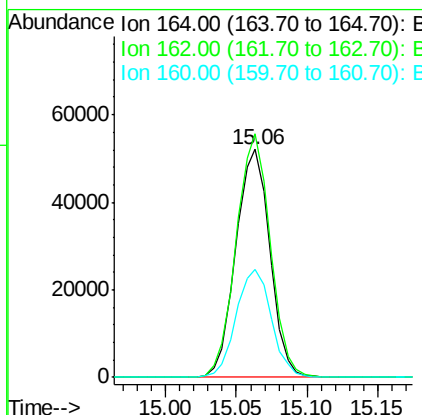
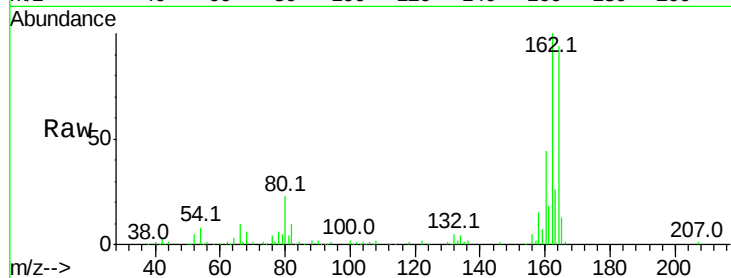




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

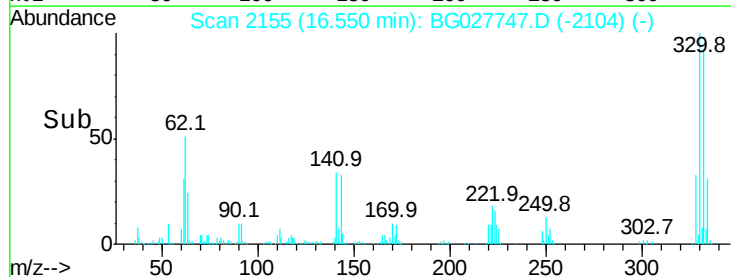
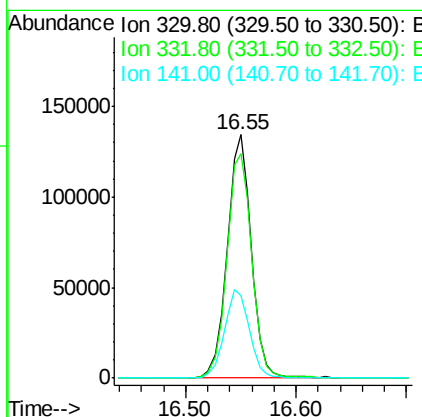
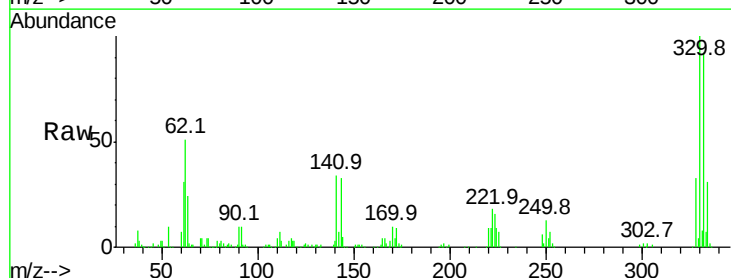
Instrument :
 BNA_G
 ClientSampleId :

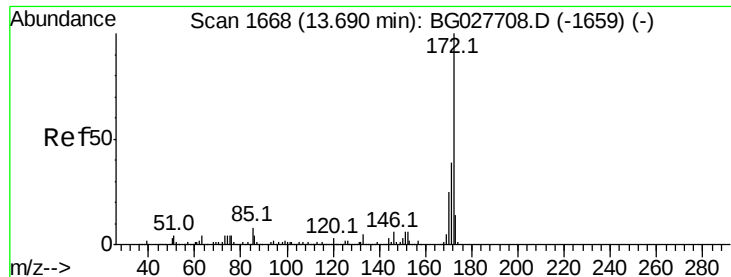
Tot Ion:164 Resp: 87811
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.1 127.7
 160 47.3 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 169.69 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

Tgt Ion:330 Resp: 204379
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 37.9 32.1 48.1

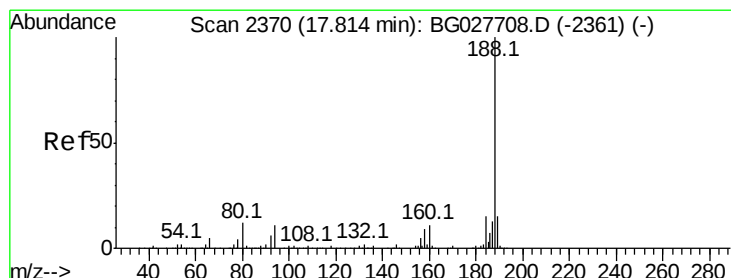
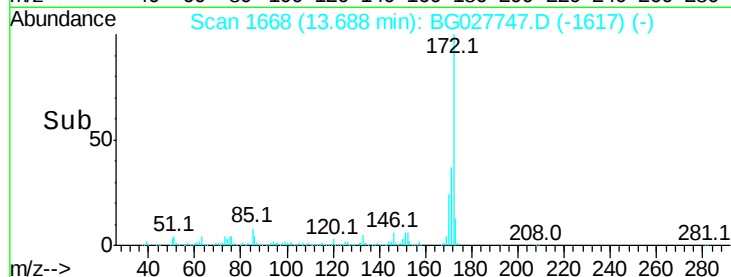
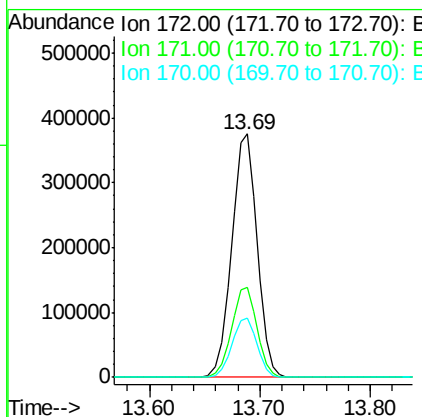
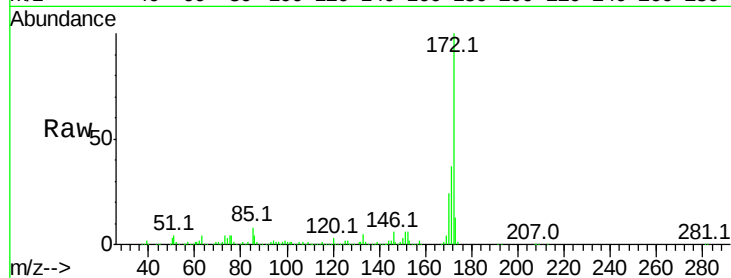




#44
2-Fluorobiphenyl
Concen: 98.38 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

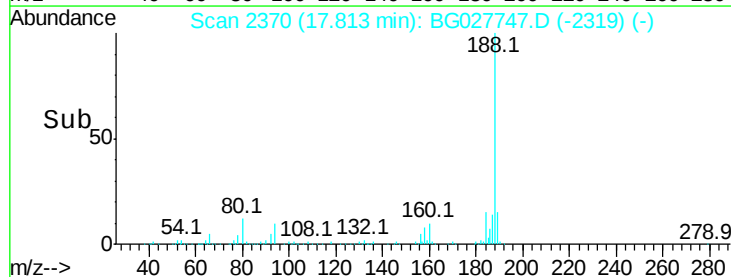
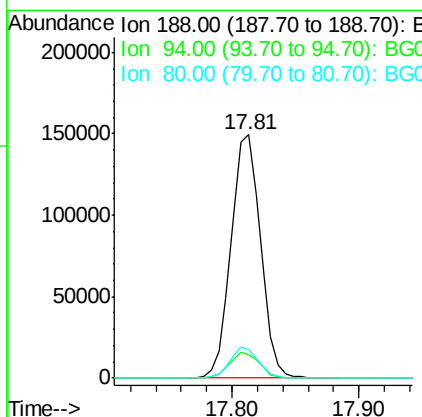
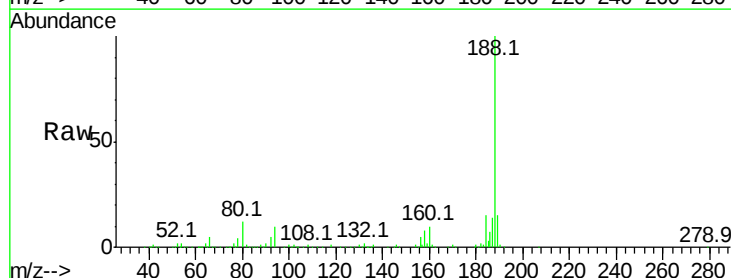
Instrument :
BNA_G
ClientSampleId :

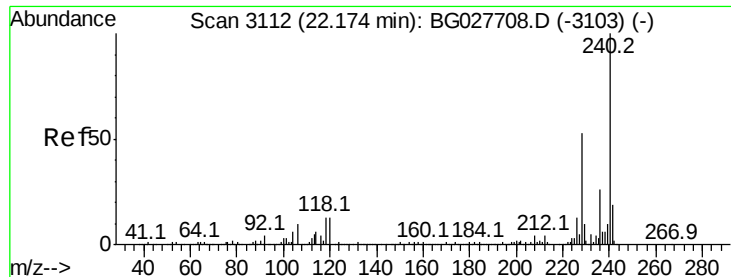
Tot Ion:172 Resp: 604863
Ion Ratio Lower Upper
172 100
171 37.0 32.2 48.2
170 24.4 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

Tgt Ion:188 Resp: 239462
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 11.7 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027747.D

Acq: 29 Jun 2017 19:13

Instrument :

BNA_G

ClientSampleId :

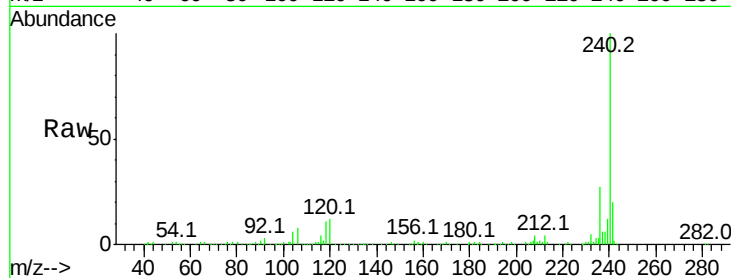
Tot Ion:240 Resp: 246262

Ion Ratio Lower Upper

240 100

120 12.5 5.7 8.5#

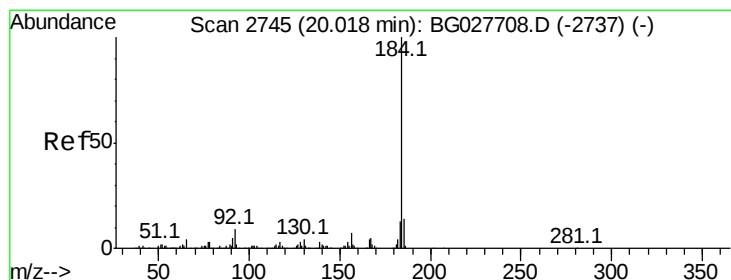
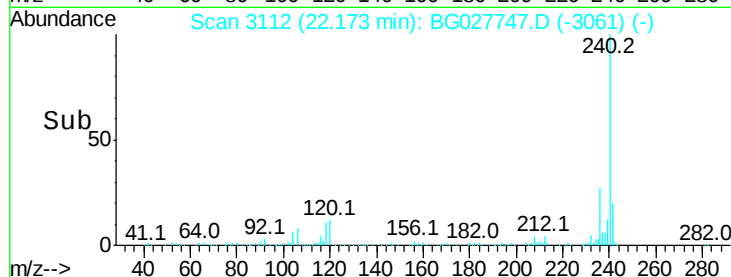
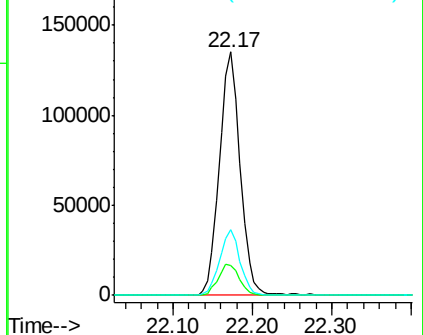
236 26.9 22.2 33.4



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: 3.23 ng

RT: 20.03 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BG027747.D

Acq: 29 Jun 2017 19:13

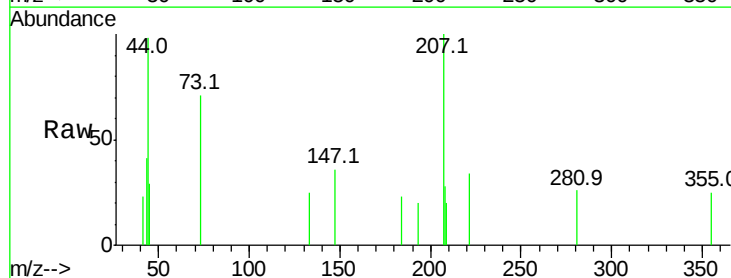
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

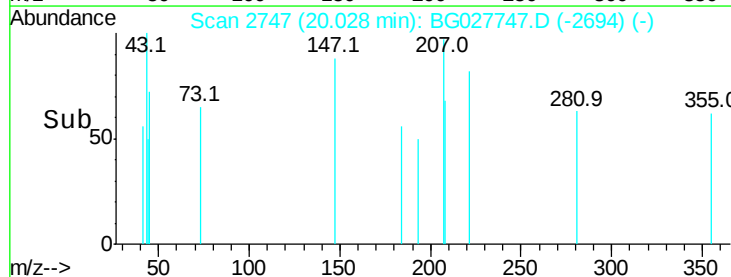
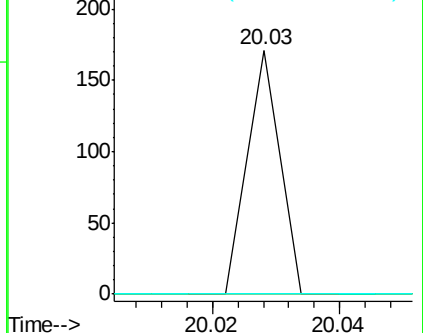
183 0.0 11.0 16.6#

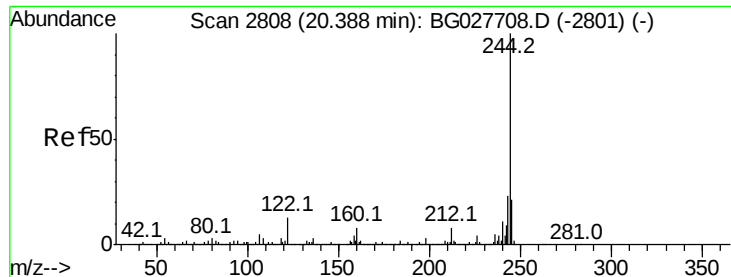


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

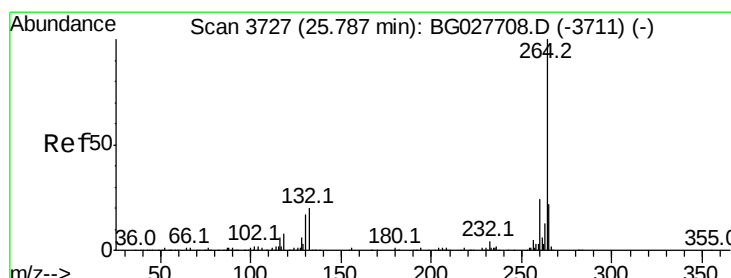
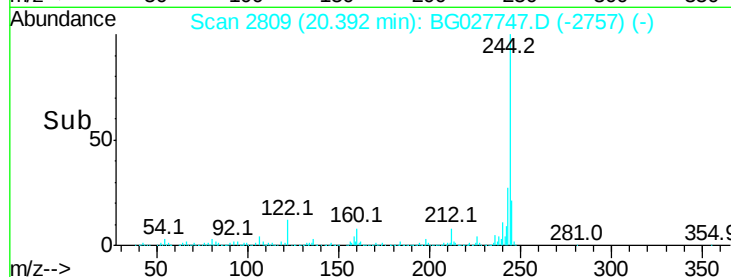
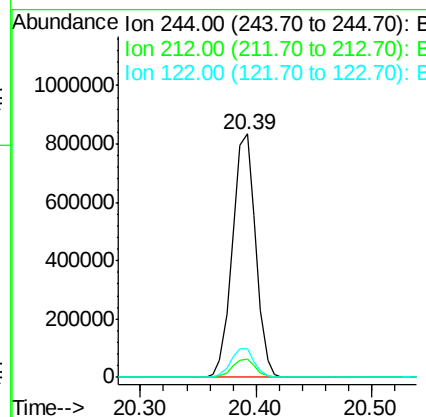
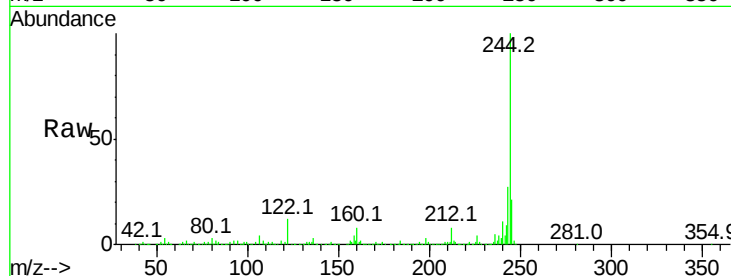




#78
 Terphenyl-d14
 Concen: 110.48 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1160511
 Ion Ratio Lower Upper
 244 100
 212 7.6 10.0 15.0#
 122 11.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.78 min Scan# 3726
 Delta R.T. -0.01 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

Tgt Ion:264 Resp: 162862
 Ion Ratio Lower Upper
 264 100
 260 23.0 21.8 32.8
 265 21.3 18.2 27.4

