

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 :
 TP1-TP2-COMP

Quant Time: Jun 30 05:33:50 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

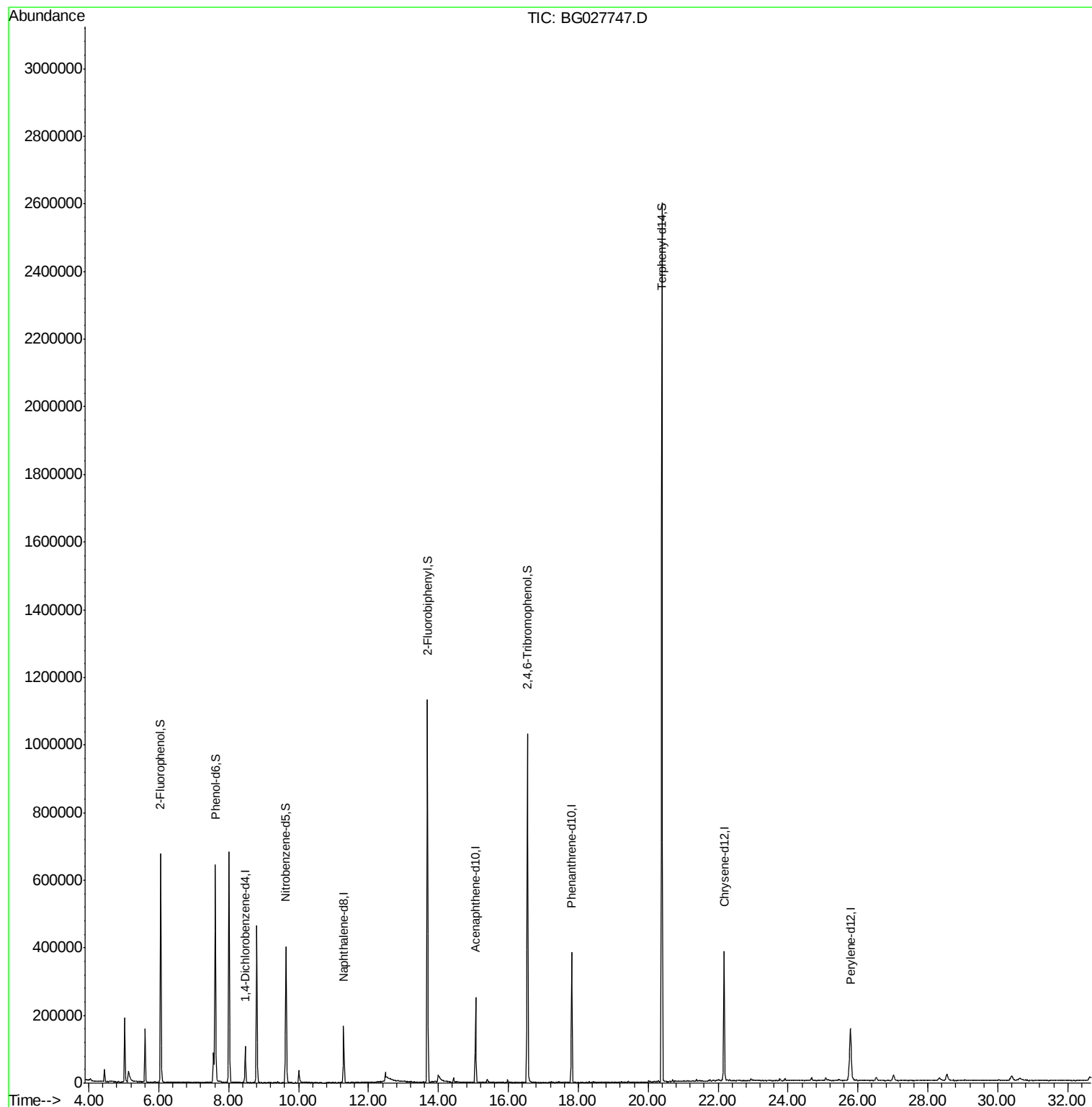
Target Compounds Qvalue

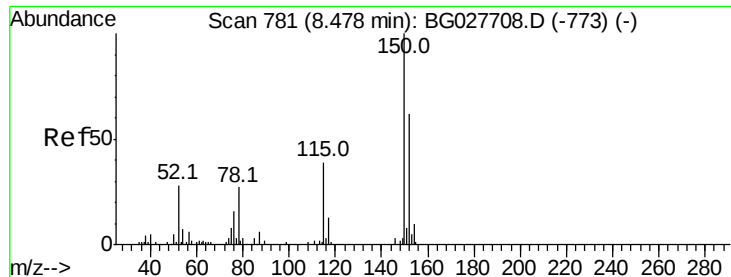
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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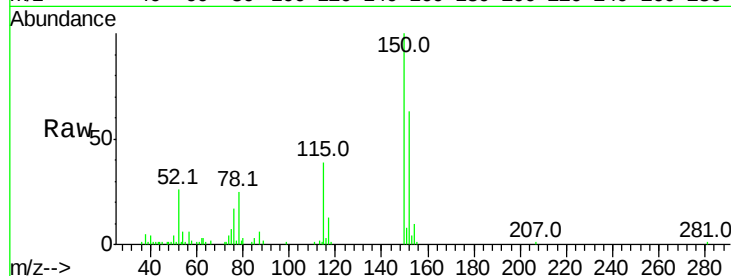


#1

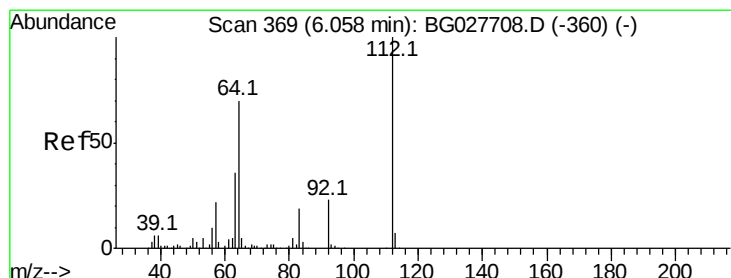
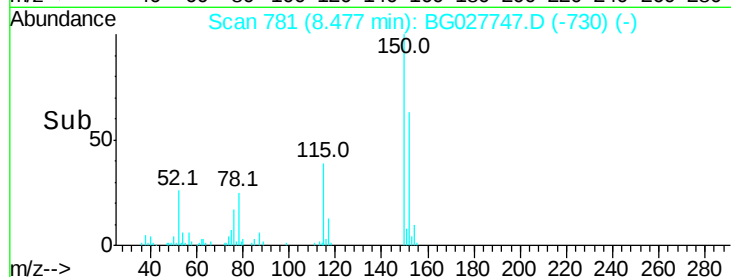
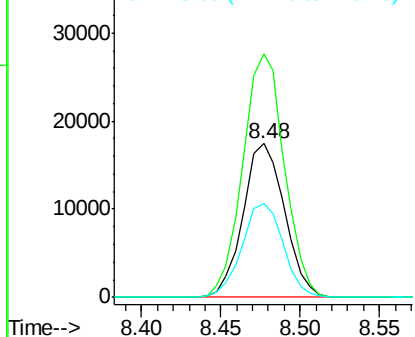
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

Instrument :
BNA_G
ClientSampleId :
TP1-TP2-COMP

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



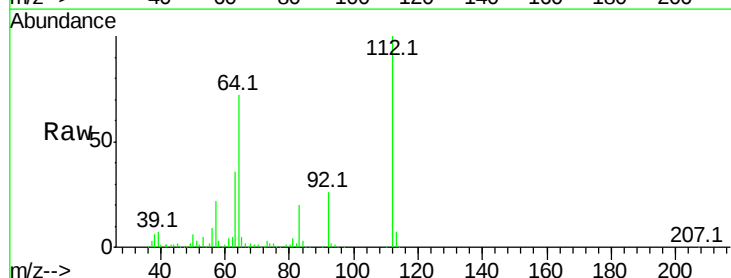
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



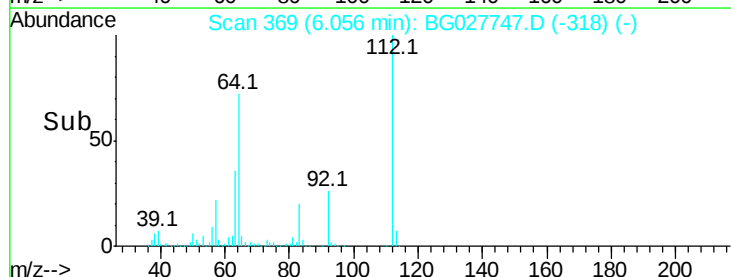
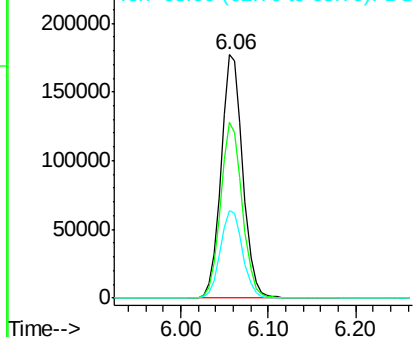
#5

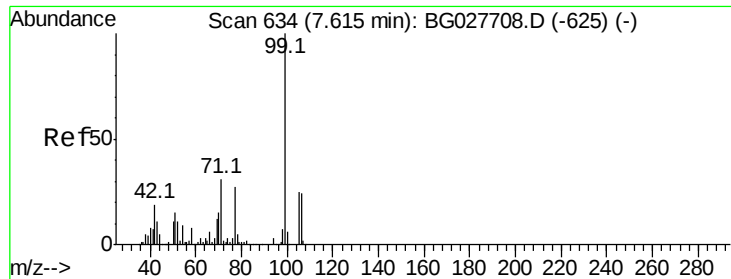
2-Fluorophenol
Concen: 145.89 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027747.D
Acq: 29 Jun 2017 19:13

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

ClientSampleId :

TP1-TP2-COMP

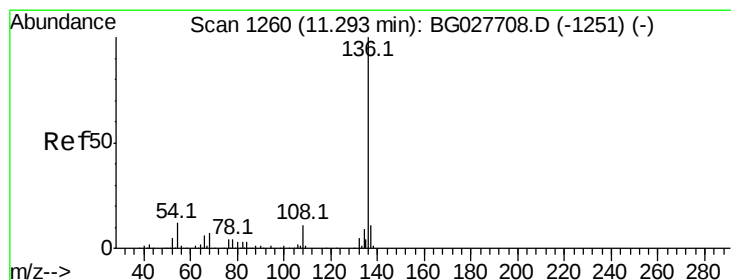
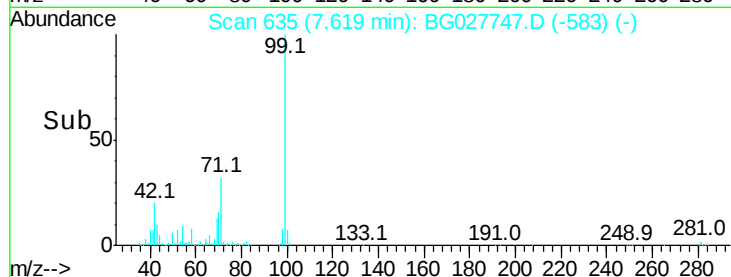
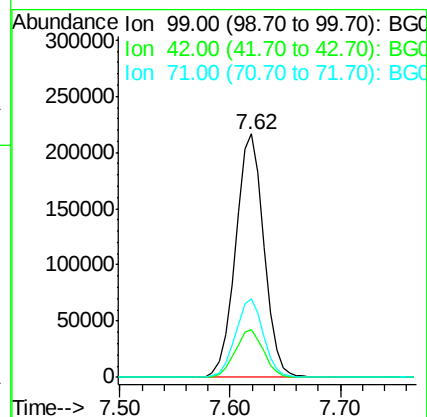
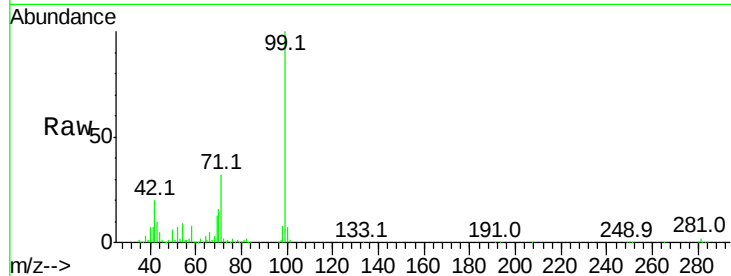
Tot Ion: 99 Resp: 389461

Ion Ratio Lower Upper

99 100

42 19.6 20.5 30.7#

71 32.0 37.6 56.4#



#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

Tgt Ion: 136 Resp: 150528

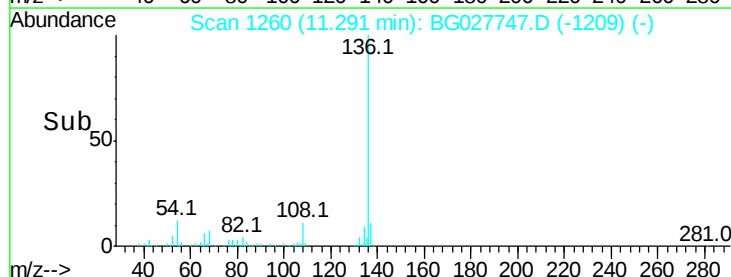
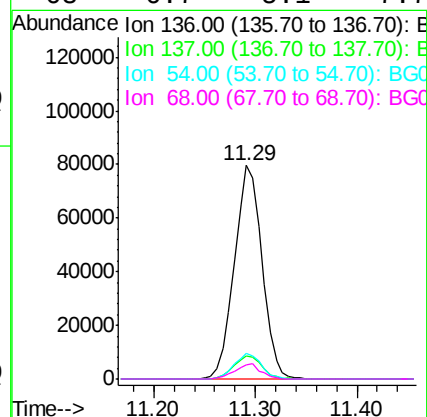
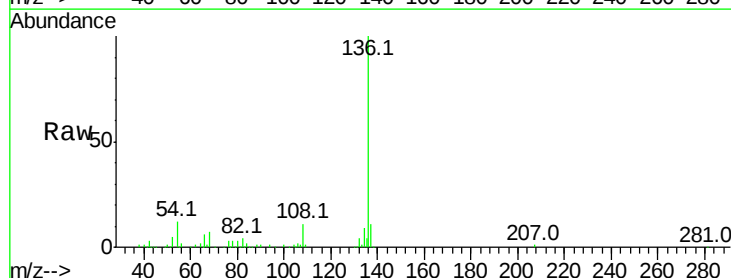
Ion Ratio Lower Upper

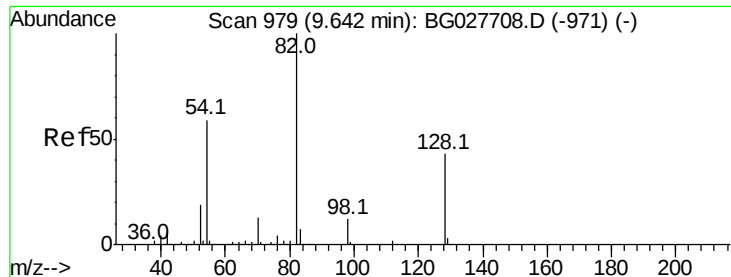
136 100

137 10.5 8.9 13.3

54 12.1 9.3 13.9

68 6.7 5.1 7.7

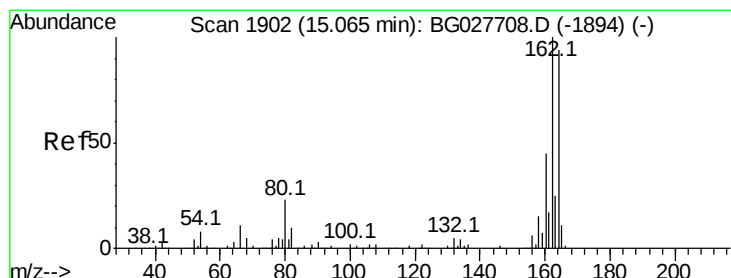
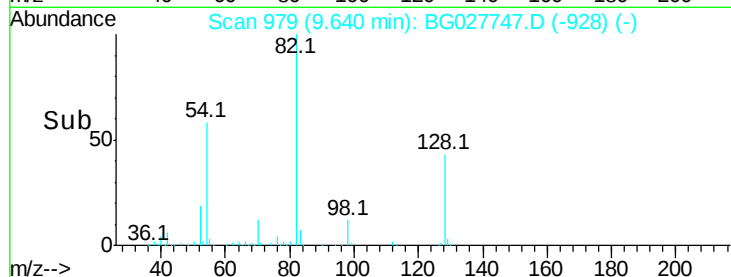
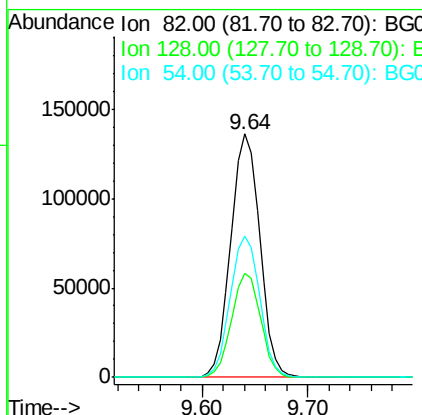
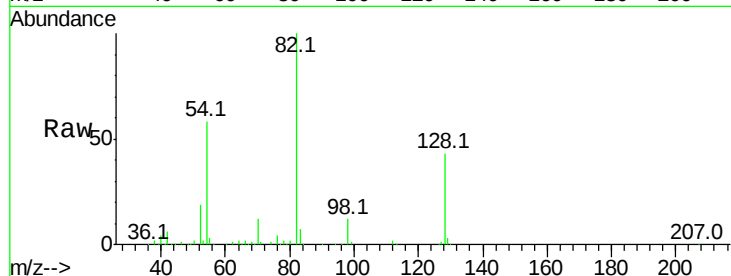




#23
 Nitrobenzene-d5
 Concen: 95.99 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

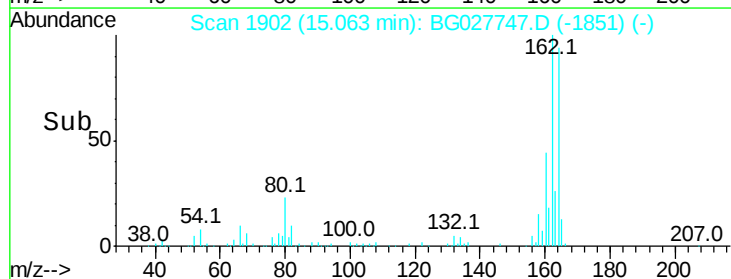
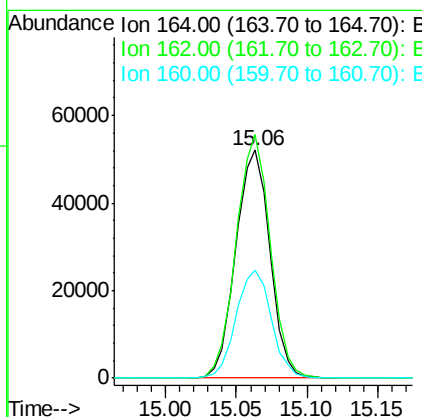
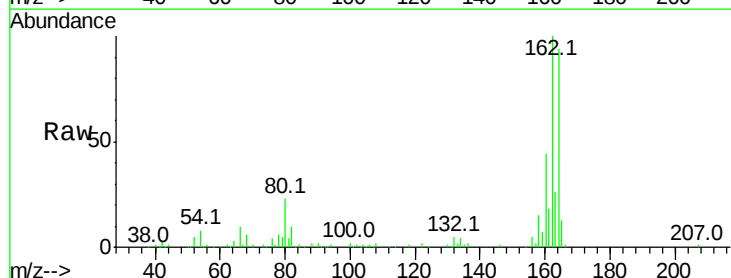
Instrument :
 BNA_G
 ClientSampleId :
 TP1-TP2-COMP

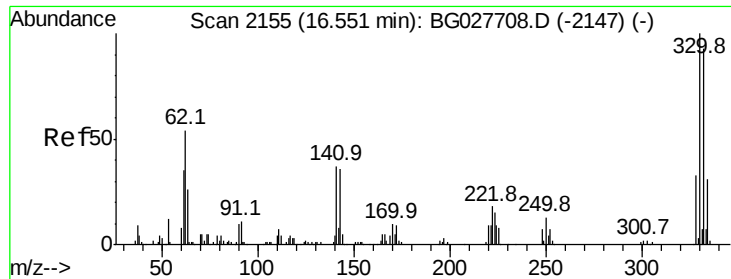
Tot Ion: 82 Resp: 259208
 Ion Ratio Lower Upper
 82 100
 128 42.7 26.4 39.6#
 54 57.9 49.4 74.2



#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

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

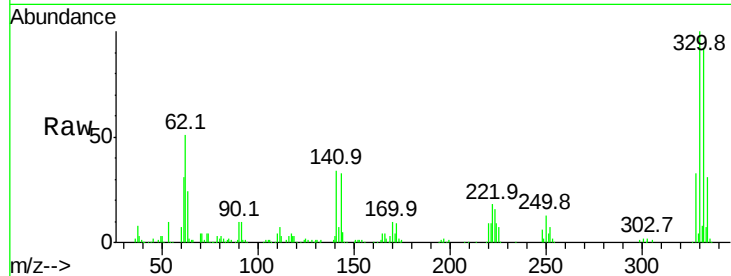




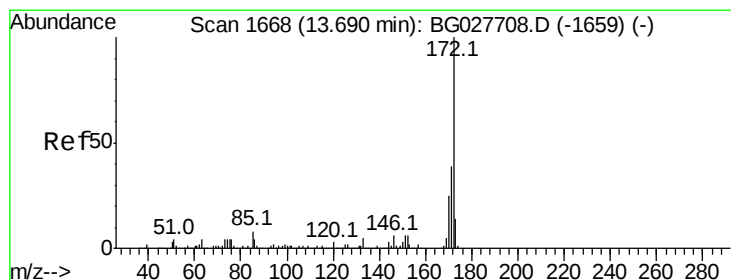
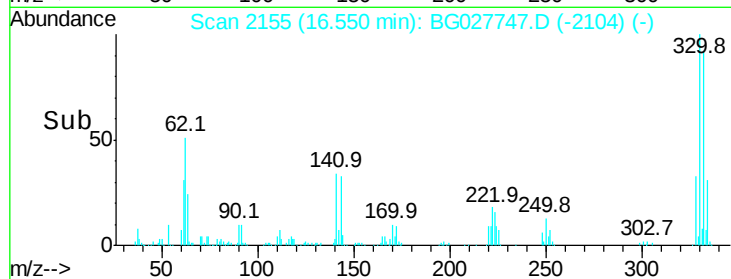
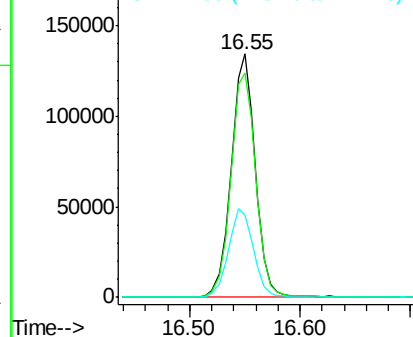
#41
 2,4,6-Tribromophenol
 Concen: 169.69 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

Instrument :
 BNA_G
 ClientSampleId :
 TP1-TP2-COMP

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

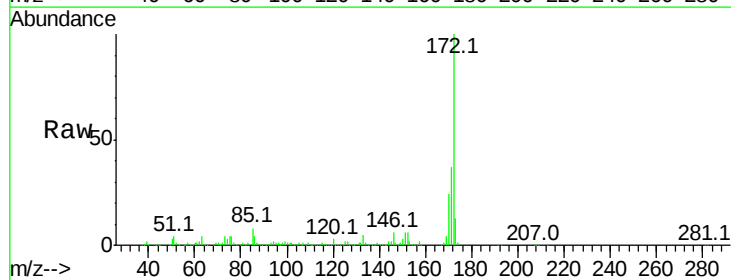


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

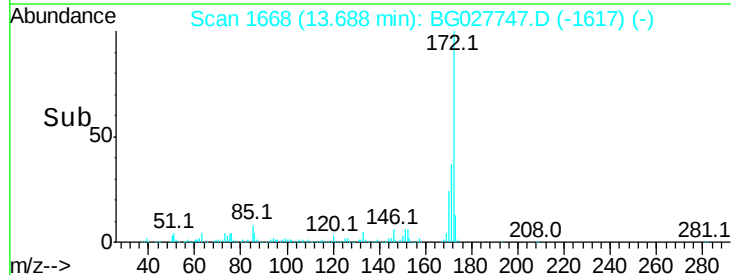
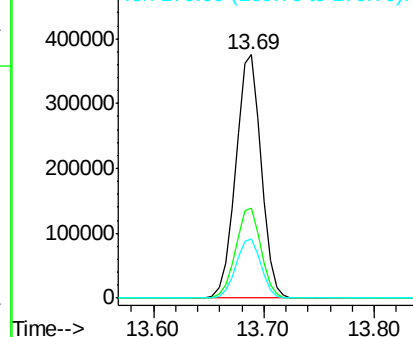


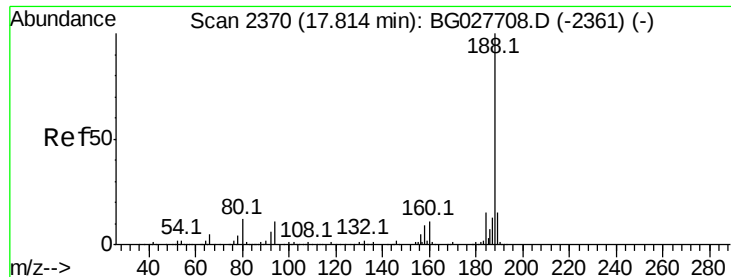
#44
 2-Fluorobiphenyl
 Concen: 98.38 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027747.D
 Acq: 29 Jun 2017 19:13

Tgt Ion:172 Resp: 604863
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.4 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





#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

Instrument :

BNA_G

ClientSampleId :

TP1-TP2-COMP

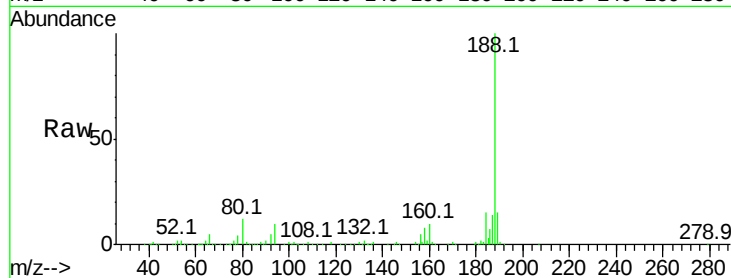
Tot Ion:188 Resp: 239462

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

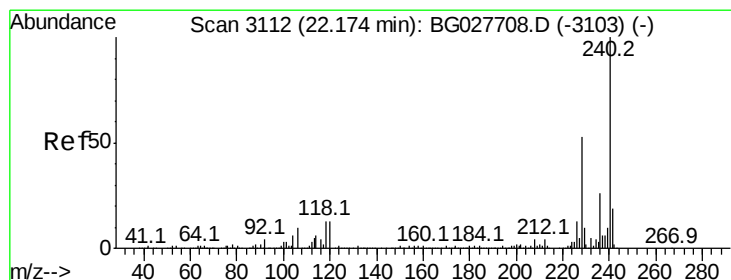
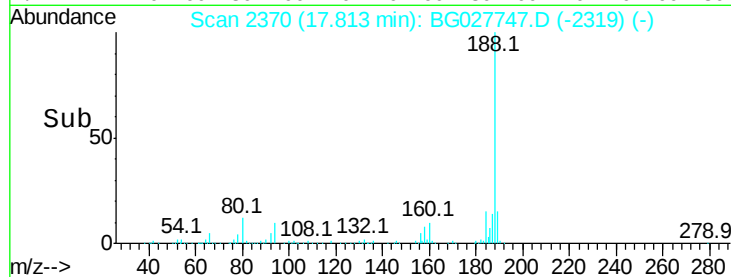
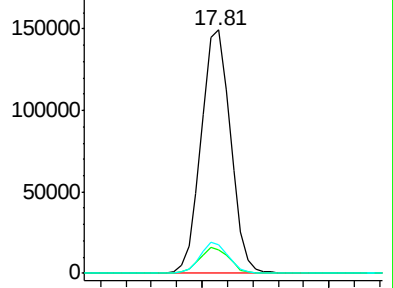
80 11.7 7.5 11.3#



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: BG027747.D

Acq: 29 Jun 2017 19:13

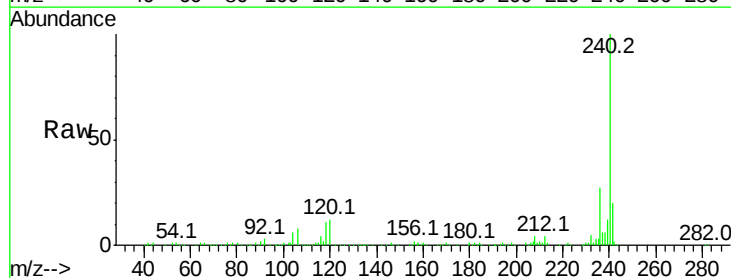
Tgt Ion:240 Resp: 246262

Ion Ratio Lower Upper

240 100

120 12.5 5.7 8.5#

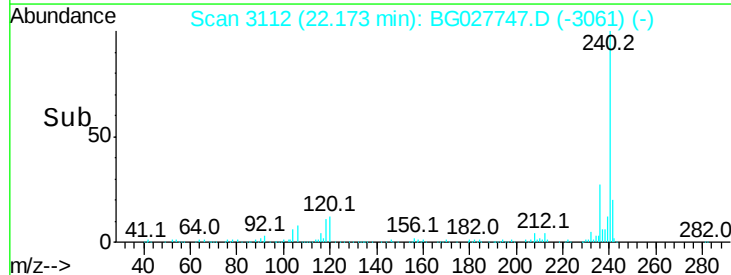
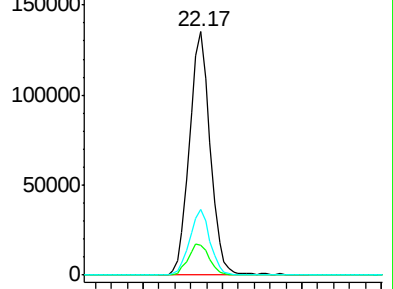
236 26.9 22.2 33.4

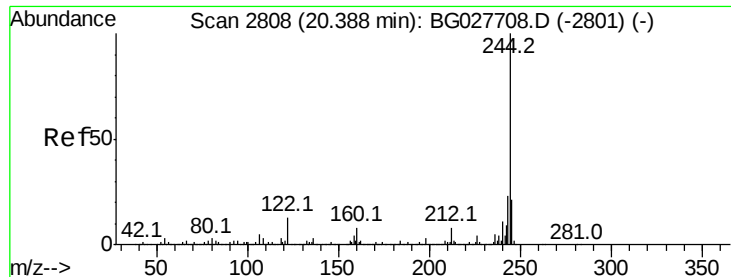


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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 :

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ClientSampleId :

TP1-TP2-COMP

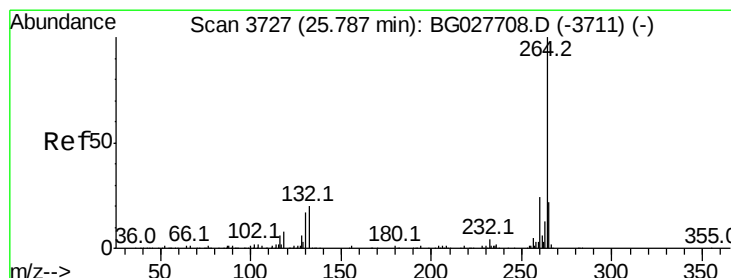
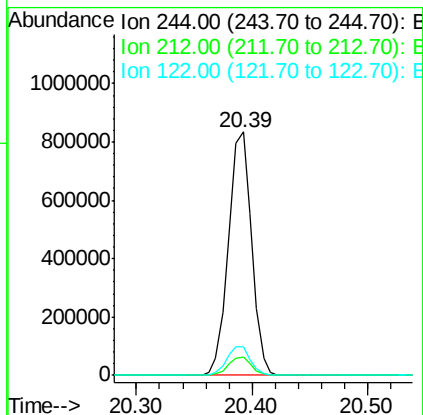
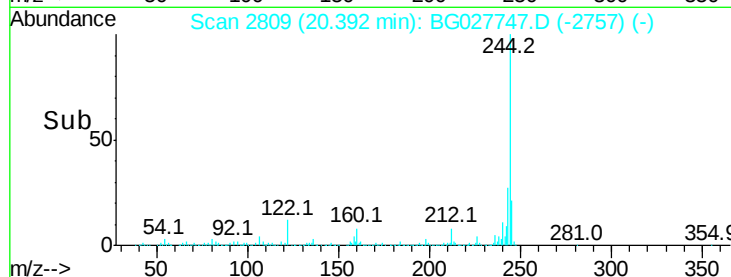
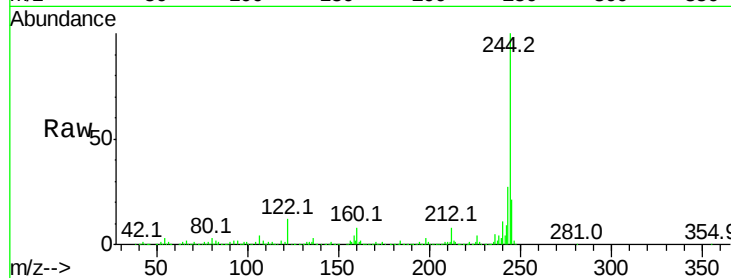
Tot Ion:244 Resp: 1160511

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

