

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027735.D
 Acq On : 29 Jun 2017 10:36
 Operator : SJ/JU
 Sample : I3932-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C1-(0-8)

Quant Time: Jun 29 12:01:09 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

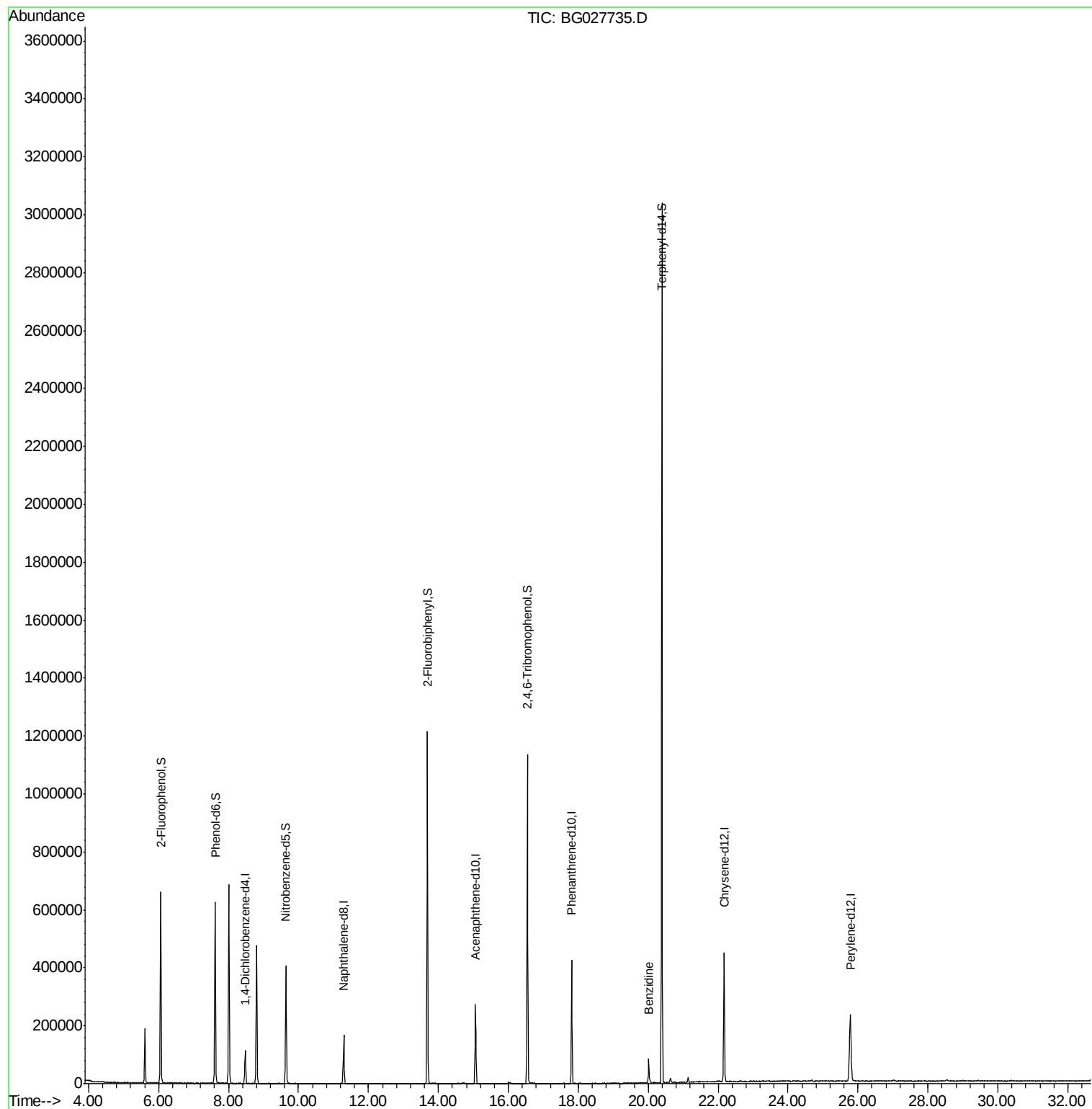
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	33237	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	154967	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	90492	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	254376	20.00	ng	0.00
75) Chrysene-d12	22.17	240	271351	20.00	ng	0.00
86) Perylene-d12	25.78	264	266315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	295207	136.77	ng	0.00
7) Phenol-d6	7.62	99	388155	117.72	ng	0.00
23) Nitrobenzene-d5	9.64	82	258594	93.01	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	211024	170.02	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	625357	98.70	ng	0.00
78) Terphenyl-d14	20.39	244	1280037	110.59	ng	0.00
Target Compounds						
76) Benzidine	20.01	184	60385	11.939	ng	Qvalue 95

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

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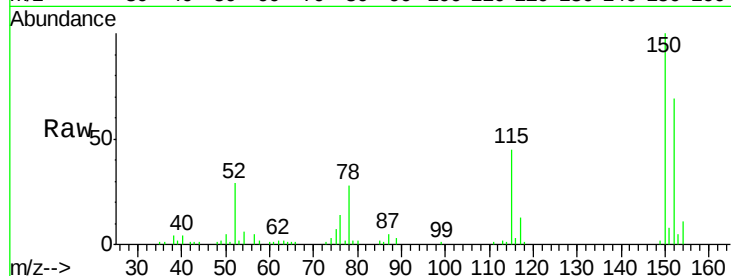




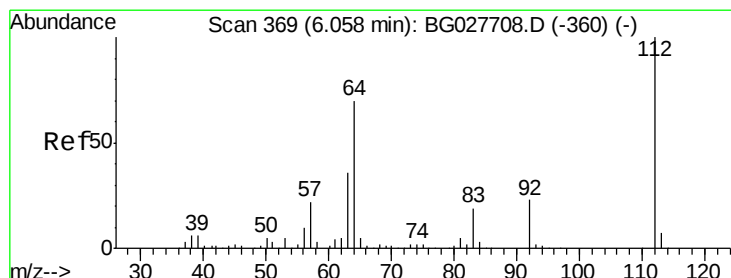
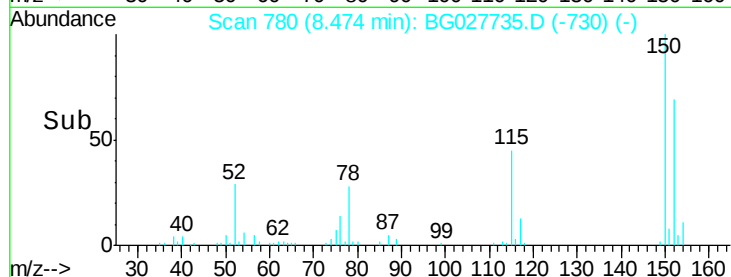
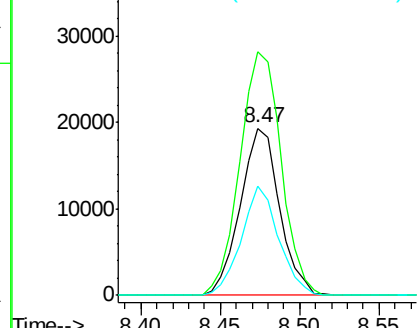
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.47 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BG027735.D
 Acq: 29 Jun 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-C1-(0-8)

Tgt Ion:152 Resp: 33237
 Ion Ratio Lower Upper
 152 100
 150 145.8 114.0 171.0
 115 65.0 48.1 72.1

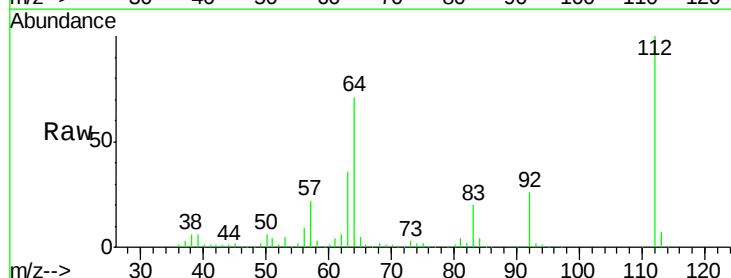


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

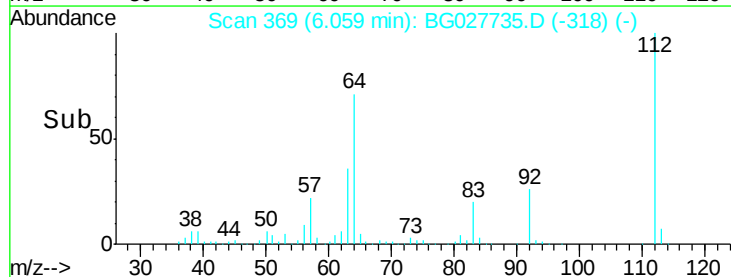
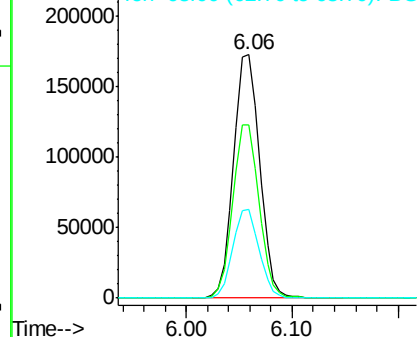


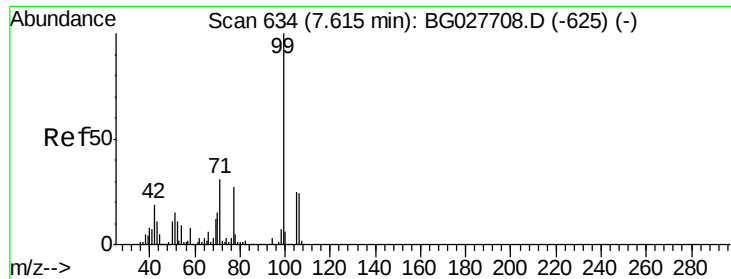
#5
 2-Fluorophenol
 Concen: 136.773 ng
 RT: 6.06 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: BG027735.D
 Acq: 29 Jun 2017 10:36

Tgt Ion:112 Resp: 295207
 Ion Ratio Lower Upper
 112 100
 64 71.4 61.8 92.6
 63 36.4 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: 117.718 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027735.D

Acq: 29 Jun 2017 10:36

Instrument :

BNA_G

ClientSampled :

TP-C1-(0-8)

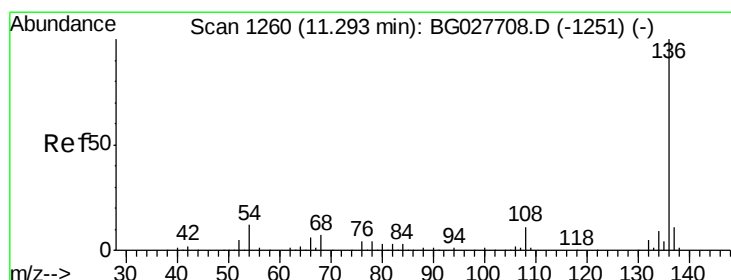
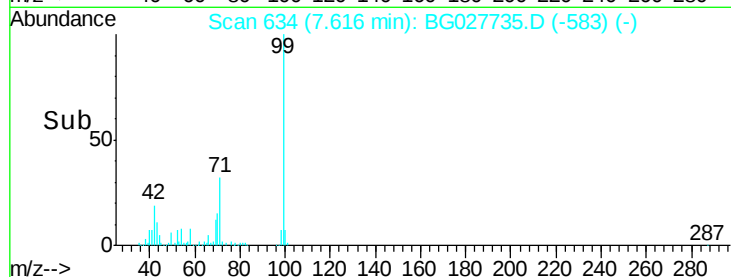
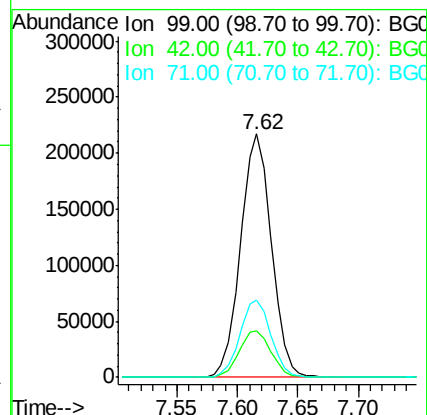
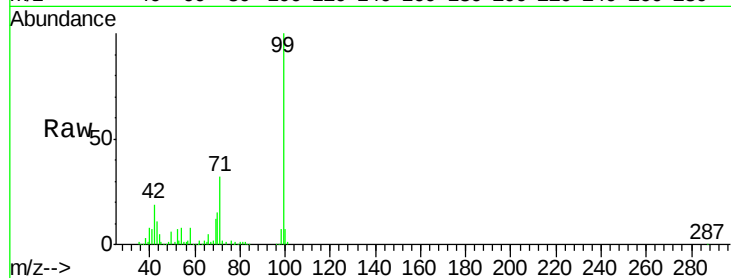
Tgt Ion: 99 Resp: 388155

Ion Ratio Lower Upper

99 100

42 18.9 20.5 30.7#

71 31.7 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG027735.D

Acq: 29 Jun 2017 10:36

Tgt Ion: 136 Resp: 154967

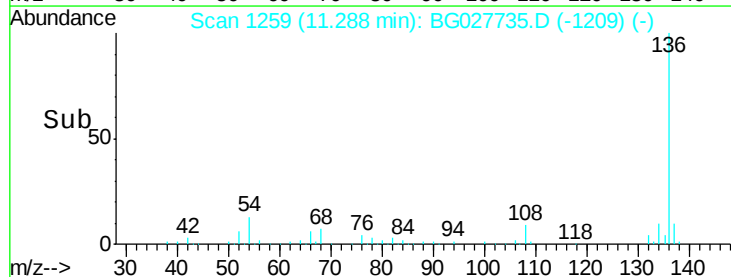
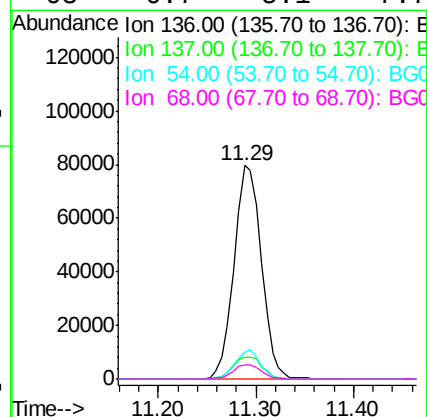
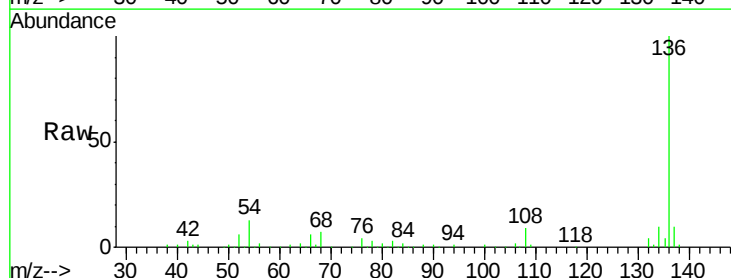
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 12.5 9.3 13.9

68 6.7 5.1 7.7

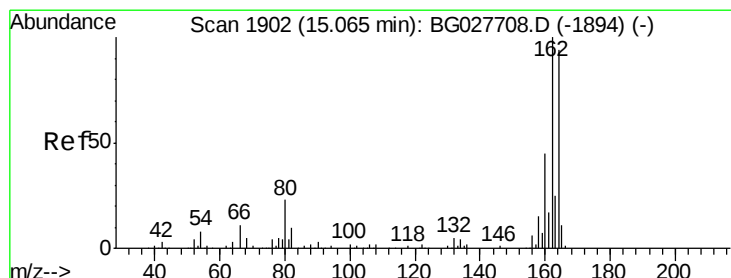
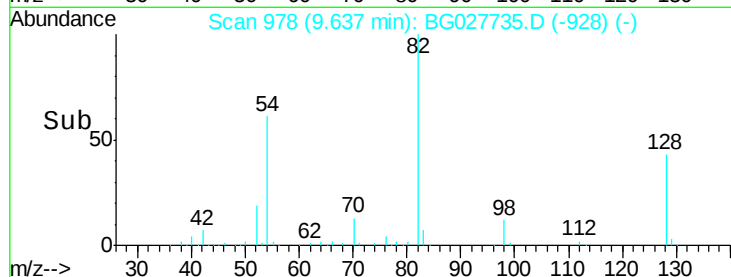
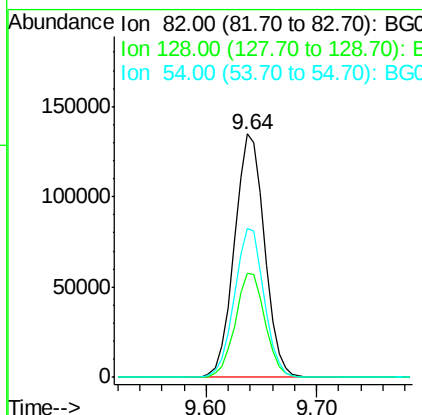
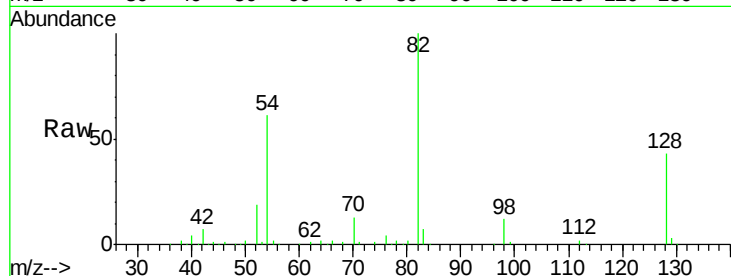




#23
 Nitrobenzene-d5
 Concen: 93.015 ng
 RT: 9.64 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BG027735.D
 Acq: 29 Jun 2017 10:36

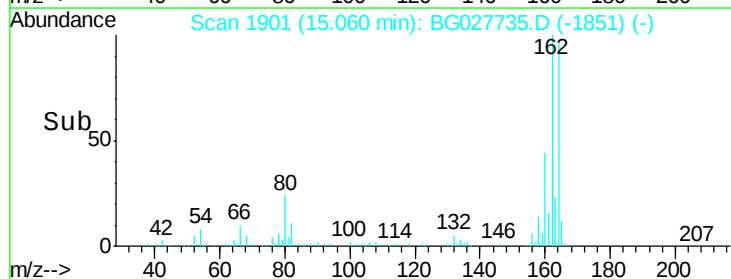
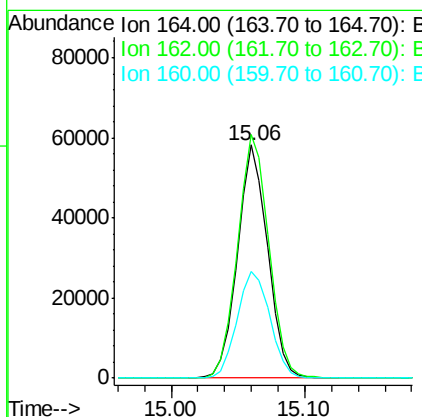
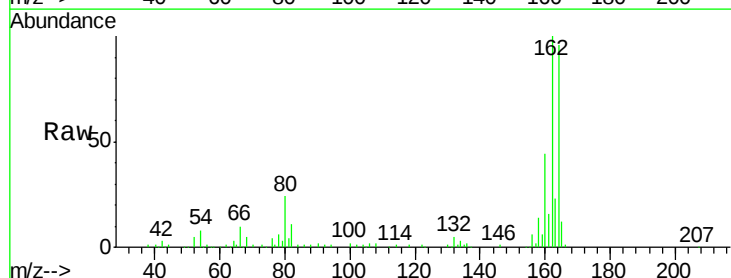
Instrument :
 BNA_G
 ClientSampleId :
 TP-C1-(0-8)

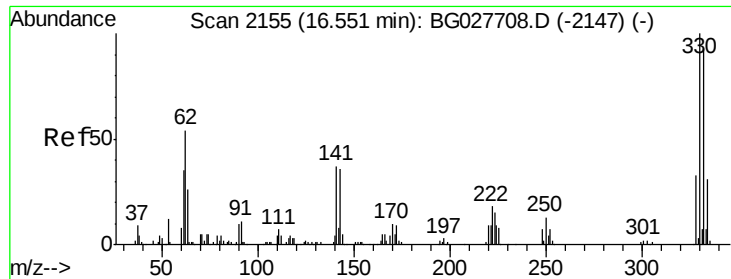
Tgt Ion: 82 Resp: 258594
 Ion Ratio Lower Upper
 82 100
 128 43.0 26.4 39.6#
 54 61.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG027735.D
 Acq: 29 Jun 2017 10:36

Tgt Ion: 164 Resp: 90492
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 45.7 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 170.017 ng

RT: 16.55 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG027735.D

Acq: 29 Jun 2017 10:36

Instrument :

BNA_G

ClientSampleId :

TP-C1-(0-8)

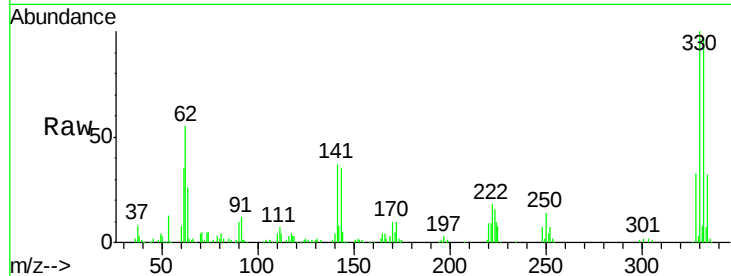
Tgt Ion:330 Resp: 211024

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

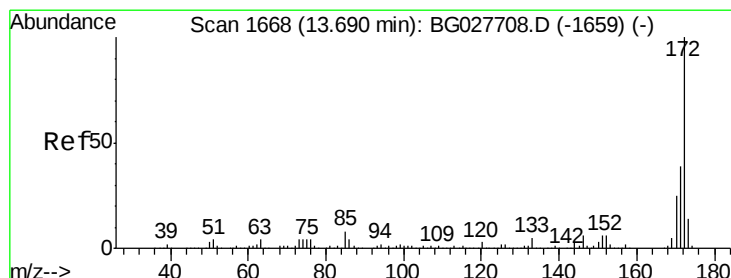
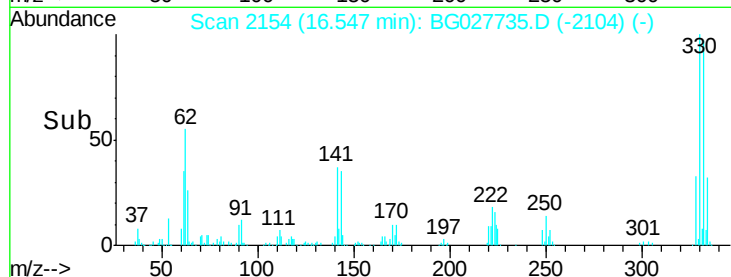
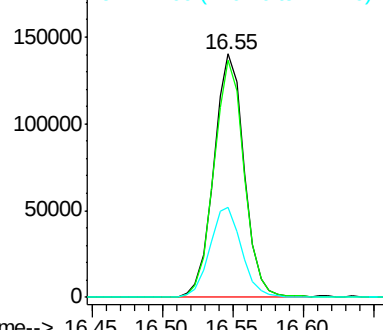
141 38.6 32.1 48.1



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: 98.696 ng

RT: 13.69 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG027735.D

Acq: 29 Jun 2017 10:36

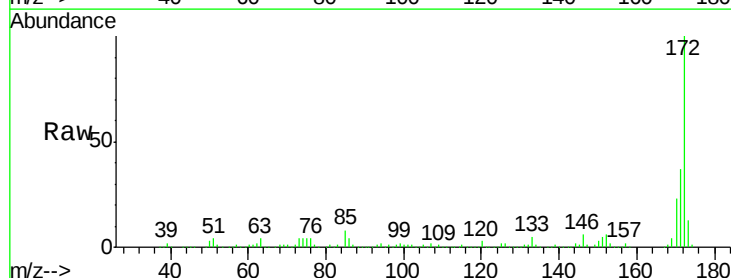
Tgt Ion:172 Resp: 625357

Ion Ratio Lower Upper

172 100

171 36.7 32.2 48.2

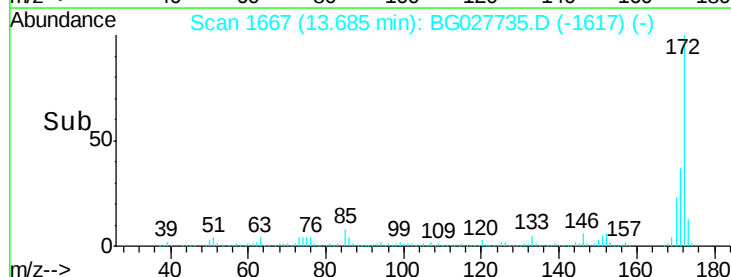
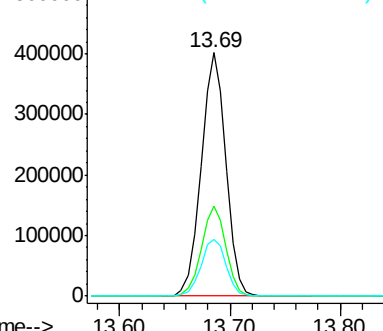
170 23.4 21.8 32.6



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

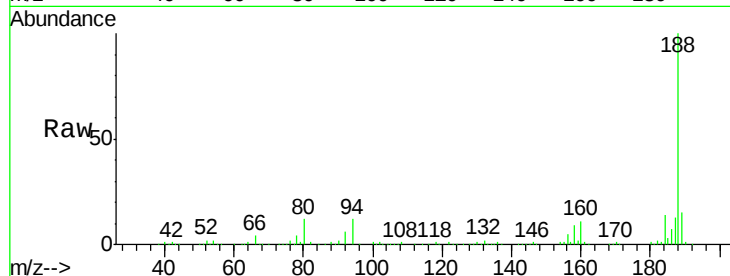




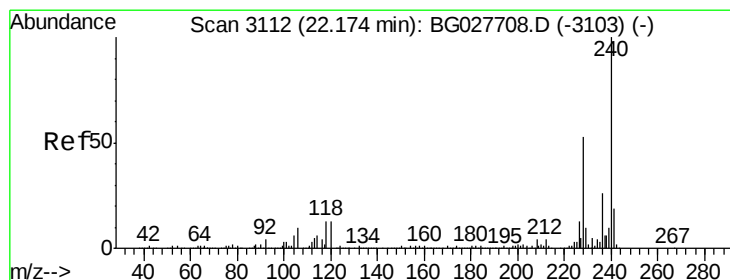
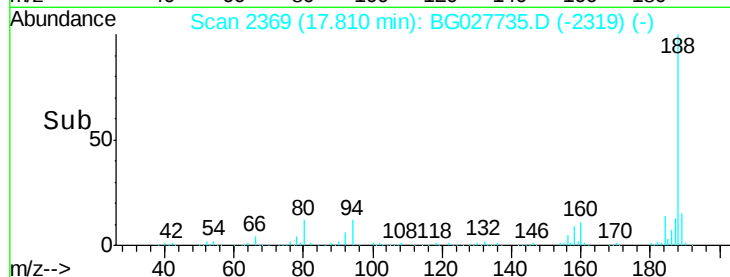
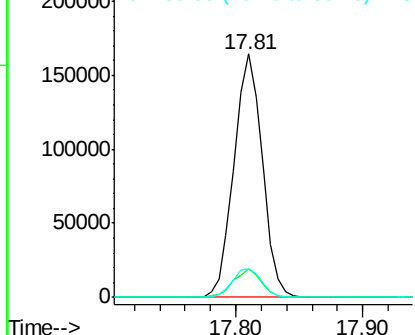
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BG027735.D
Acq: 29 Jun 2017 10:36

Instrument :
BNA_G
ClientSampleId :
TP-C1-(0-8)

Tgt Ion:188 Resp: 254376
Ion Ratio Lower Upper
188 100
94 11.6 5.8 8.8#
80 11.7 7.5 11.3#

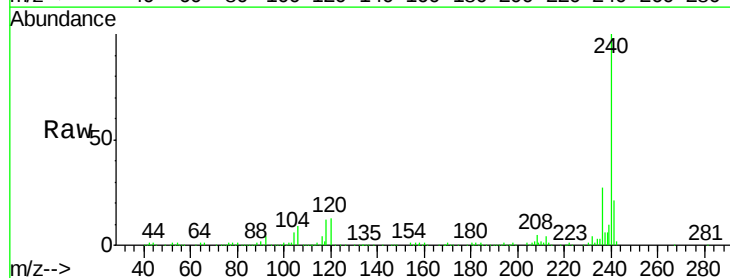


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

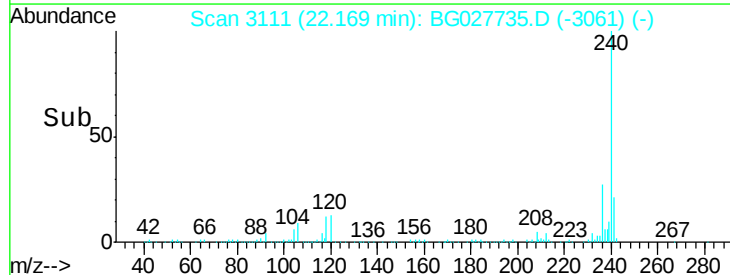
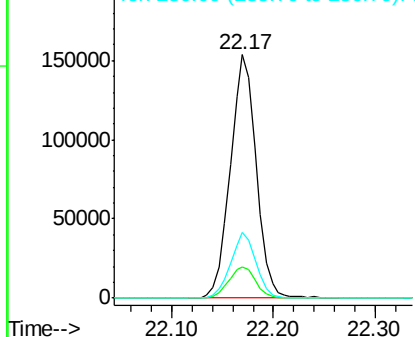


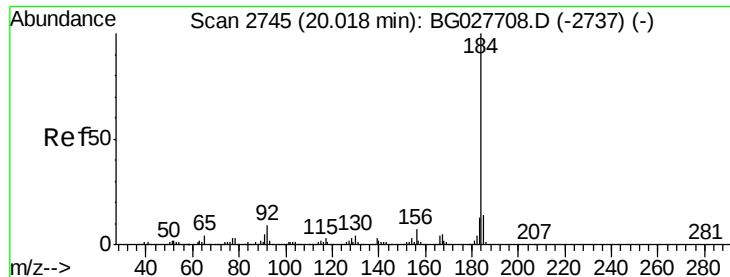
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BG027735.D
Acq: 29 Jun 2017 10:36

Tgt Ion:240 Resp: 271351
Ion Ratio Lower Upper
240 100
120 12.7 5.7 8.5#
236 27.1 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: 11.939 ng

RT: 20.01 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BG027735.D

Acq: 29 Jun 2017 10:36

Instrument :

BNA_G

ClientSampleId :

TP-C1-(0-8)

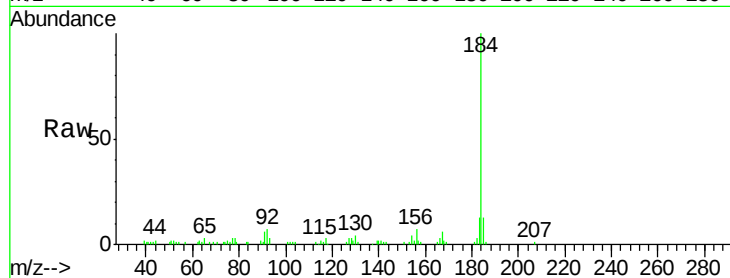
Tgt Ion:184 Resp: 60385

Ion Ratio Lower Upper

184 100

185 13.1 13.0 19.6

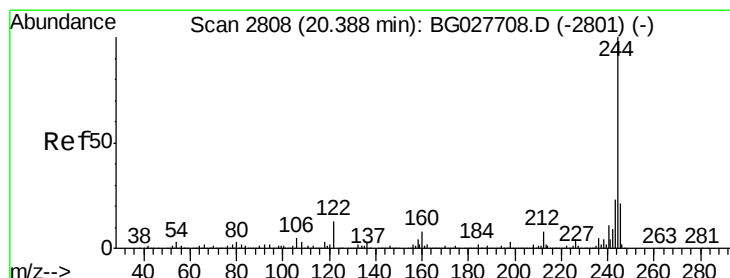
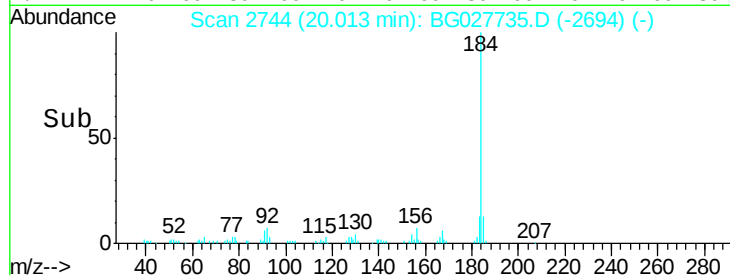
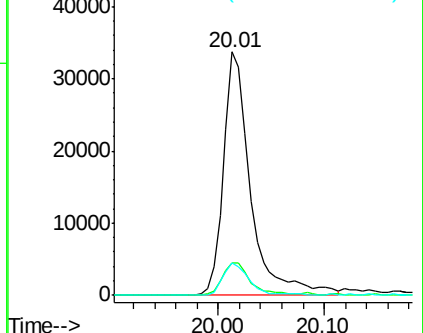
183 13.3 11.0 16.6



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: 110.590 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027735.D

Acq: 29 Jun 2017 10:36

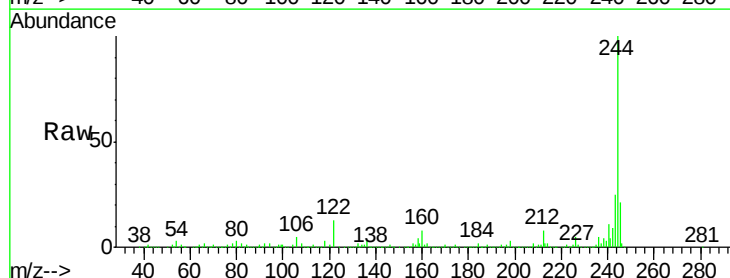
Tgt Ion:244 Resp: 1280037

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

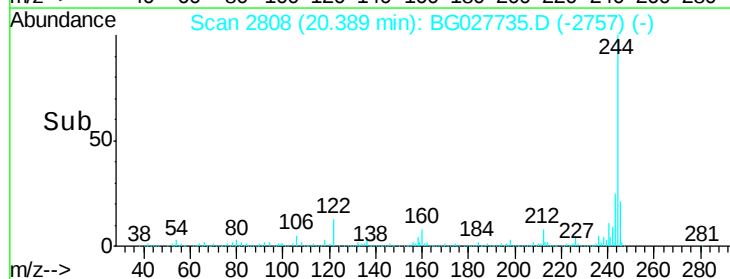
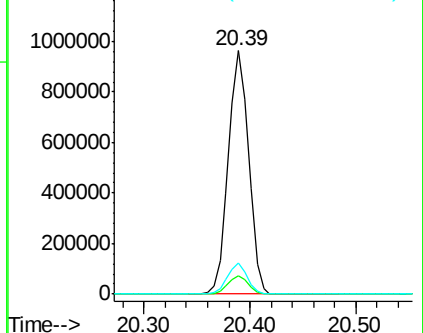
122 12.6 8.6 12.8

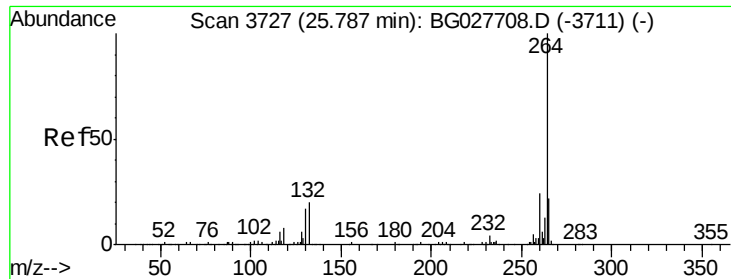


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG027735.D
Acq: 29 Jun 2017 10:36

Instrument :
BNA_G
ClientSampleId :
TP-C1-(0-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.2	18.2	27.4

