

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027748.D
 Acq On : 29 Jun 2017 19:53
 Operator : SJ/JU
 Sample : I3938-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 30 04:37:56 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

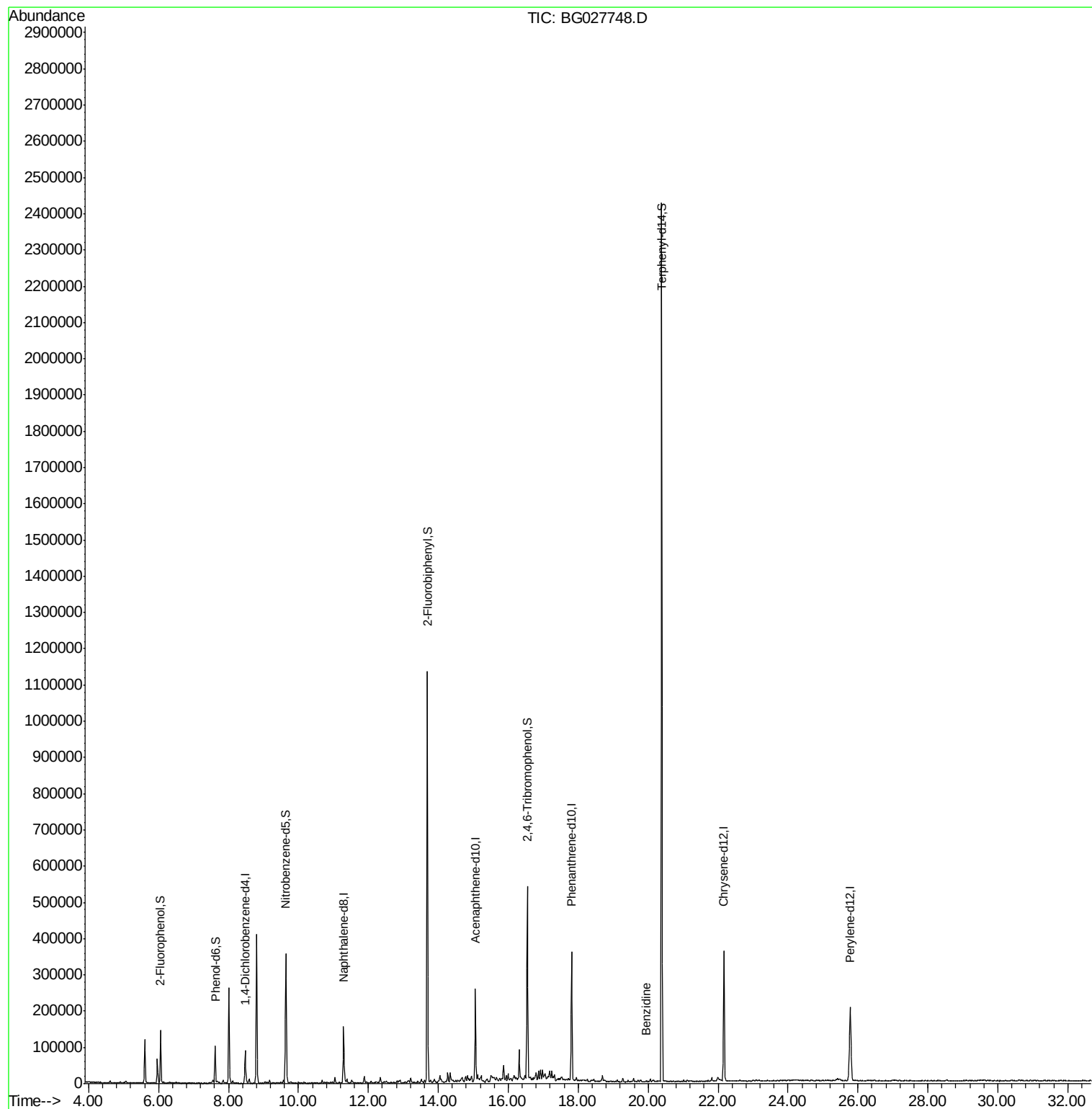
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	26810	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	135072	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	84294	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	220576	20.00	ng	0.00
75) Chrysene-d12	22.17	240	236620	20.00	ng	0.00
86) Perylene-d12	25.78	264	230658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	63688	36.58	ng	0.00
7) Phenol-d6	7.62	99	62392	23.46	ng	0.00
23) Nitrobenzene-d5	9.64	82	229634	94.76	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	97135	84.01	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	586012	99.29	ng	0.00
78) Terphenyl-d14	20.39	244	1055224	104.55	ng	0.00
Target Compounds						
76) Benzidine	19.95	184	57	3.23	ng	Qvalue # 1

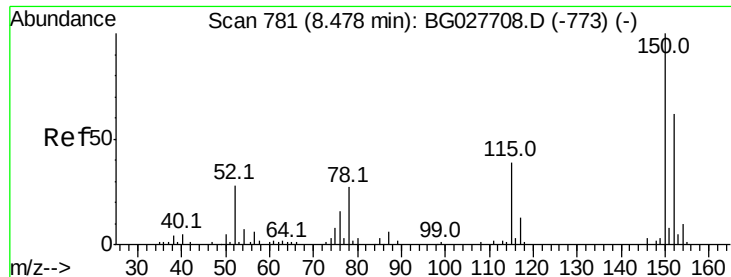
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027748.D
Acq On : 29 Jun 2017 19:53
Operator : SJ/JU
Sample : I3938-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 30 04:37:56 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



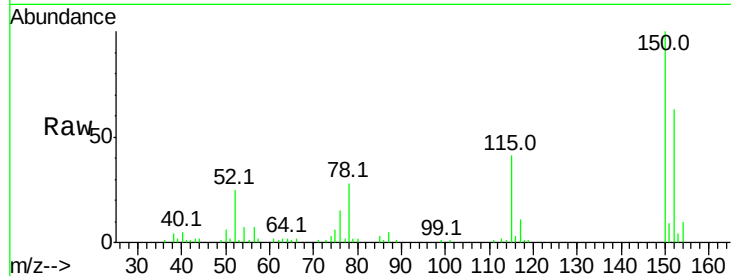


#1

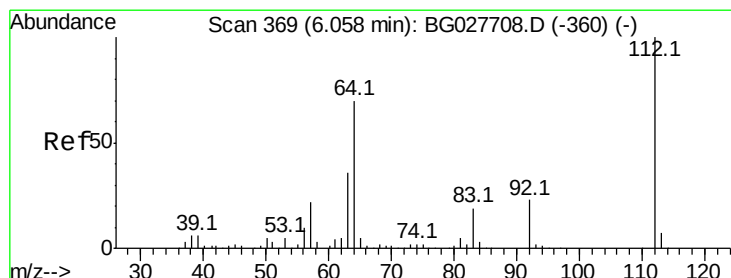
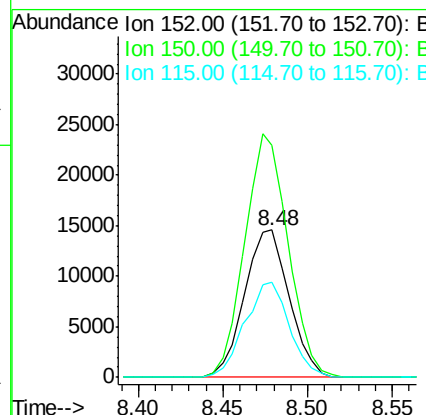
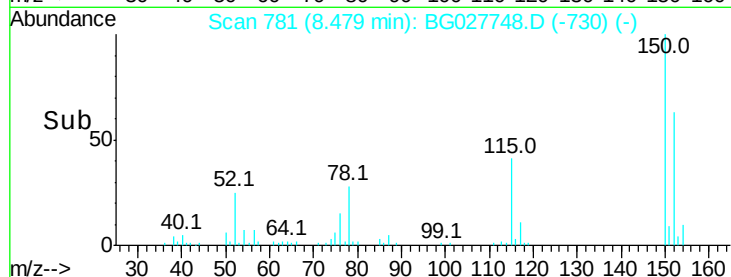
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027748.D
Acq: 29 Jun 2017 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26810
Ion Ratio Lower Upper
152 100
150 158.2 114.0 171.0
115 64.3 48.1 72.1



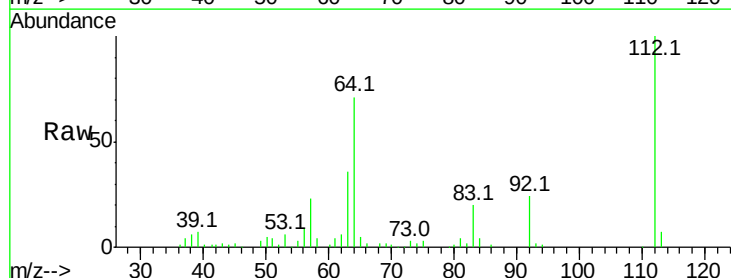
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



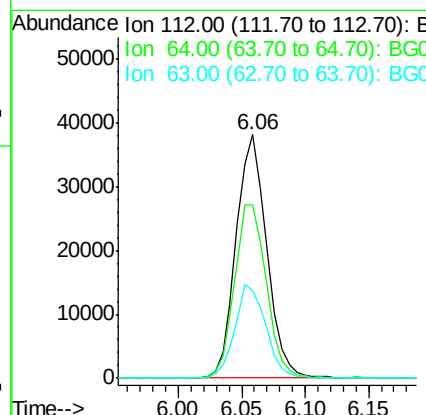
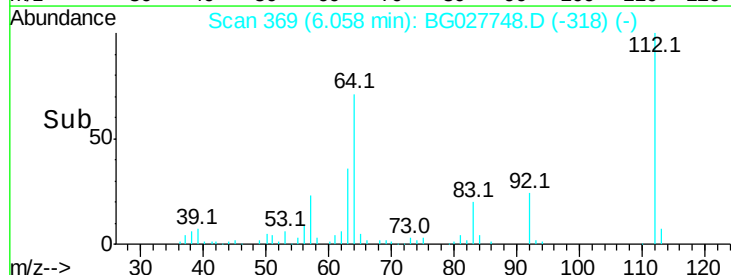
#5

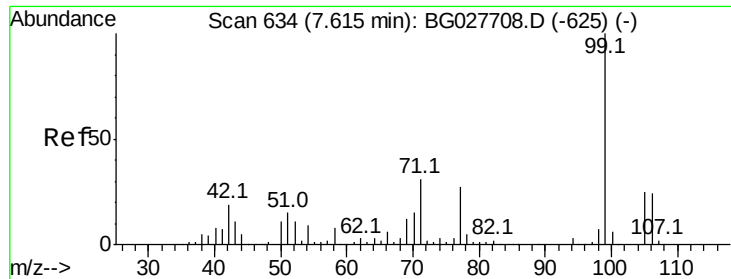
2-Fluorophenol
Concen: 36.58 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027748.D
Acq: 29 Jun 2017 19:53

Tgt Ion:112 Resp: 63688
Ion Ratio Lower Upper
112 100
64 71.0 61.8 92.6
63 35.9 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: 23.46 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027748.D

Acq: 29 Jun 2017 19:53

Instrument :

BNA_G

ClientSampleId :

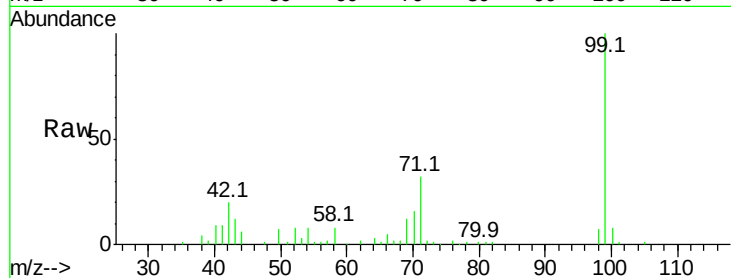
Tot Ion: 99 Resp: 62392

Ion Ratio Lower Upper

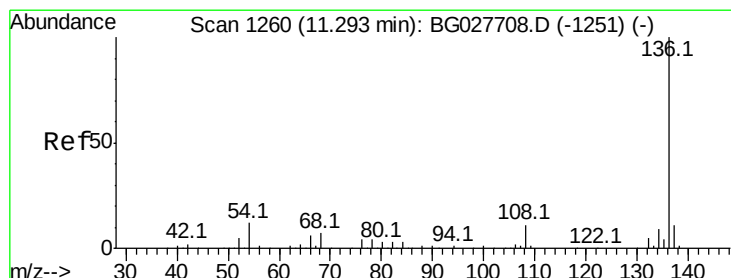
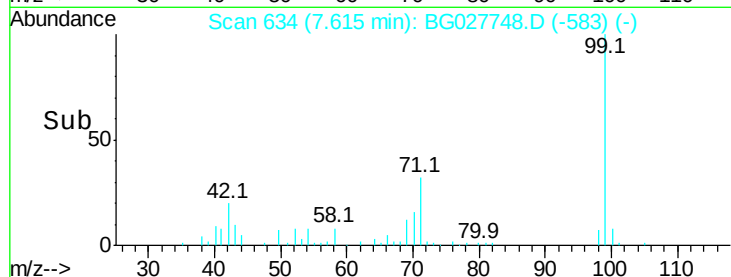
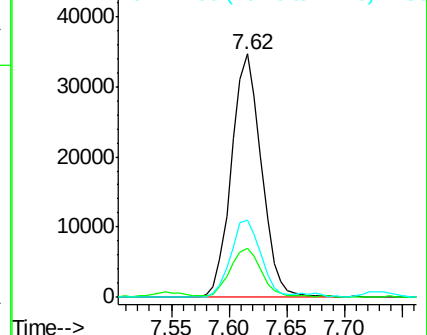
99 100

42 20.3 20.5 30.7#

71 31.5 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: BG027748.D

Acq: 29 Jun 2017 19:53

Tgt Ion: 136 Resp: 135072

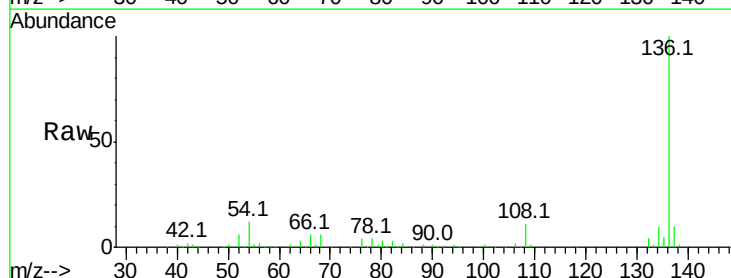
Ion Ratio Lower Upper

136 100

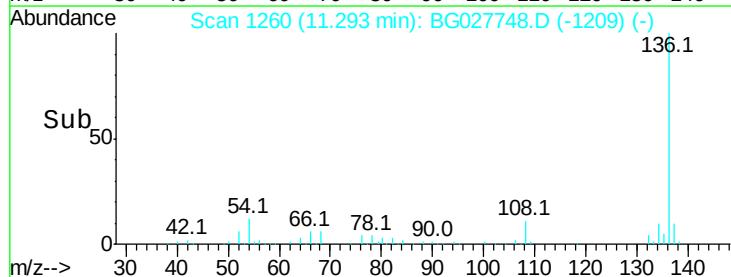
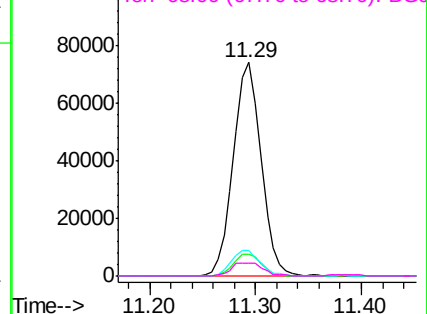
137 10.1 8.9 13.3

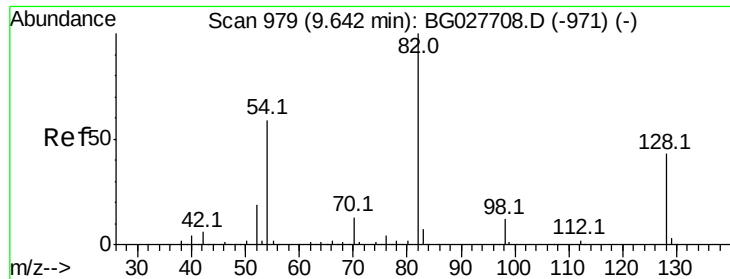
54 11.8 9.3 13.9

68 6.0 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

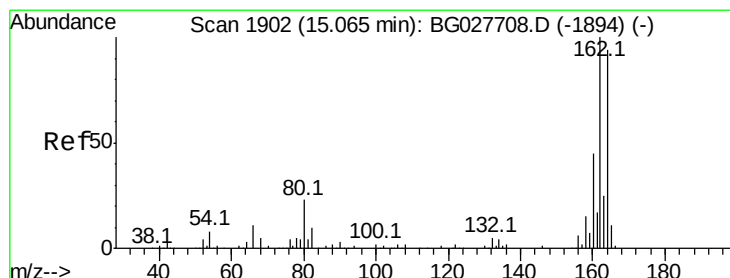
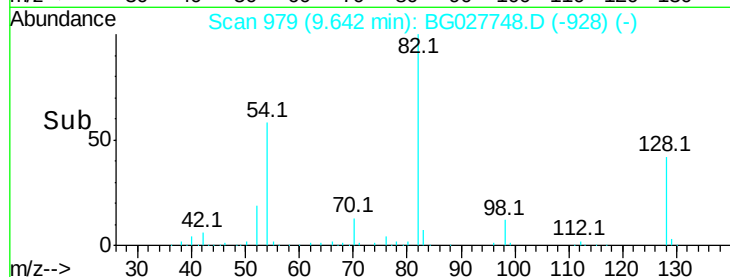
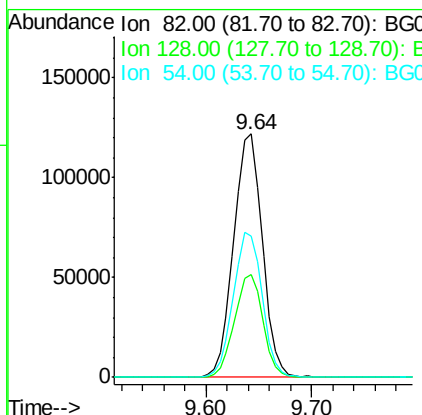
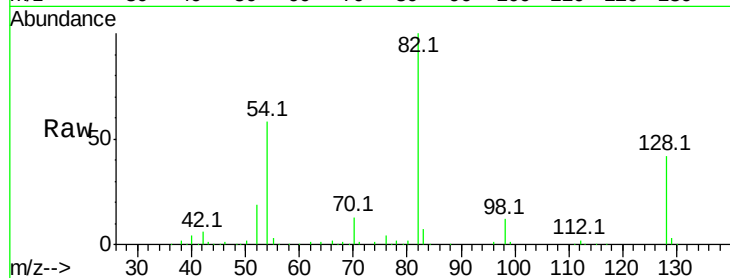




#23
 Nitrobenzene-d5
 Concen: 94.76 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027748.D
 Acq: 29 Jun 2017 19:53

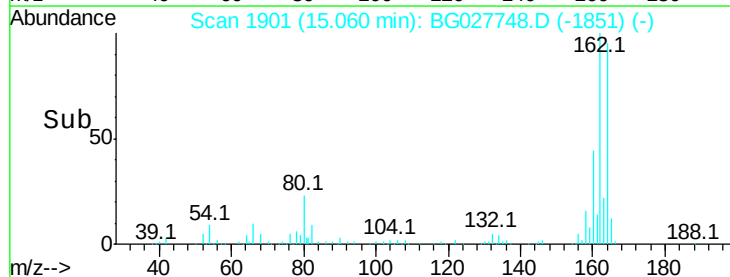
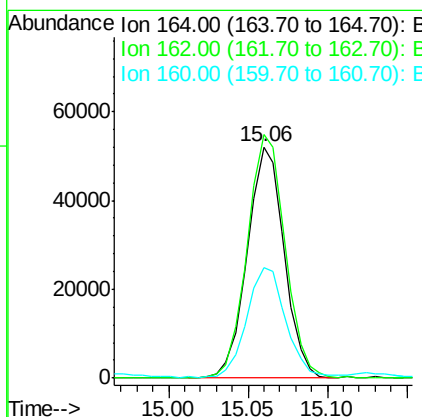
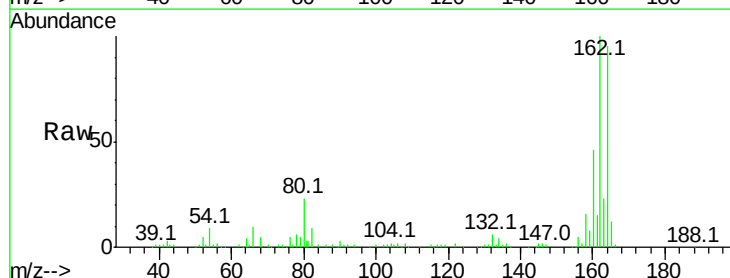
Instrument :
 BNA_G
 ClientSampleID :

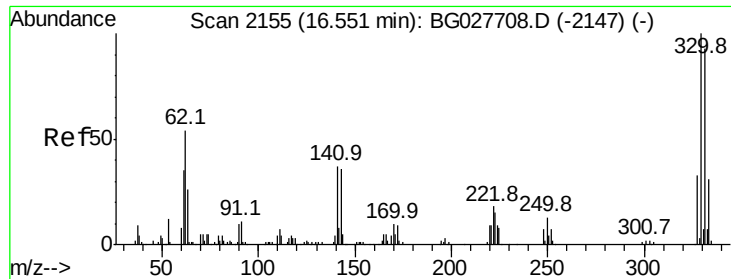
Tot Ion	82	Resp	229634
Ion	Ratio	Lower	Upper
82	100		
128	42.2	26.4	39.6#
54	58.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG027748.D
 Acq: 29 Jun 2017 19:53

Tgt Ion	164	Resp	84294
Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	48.0	34.7	52.1

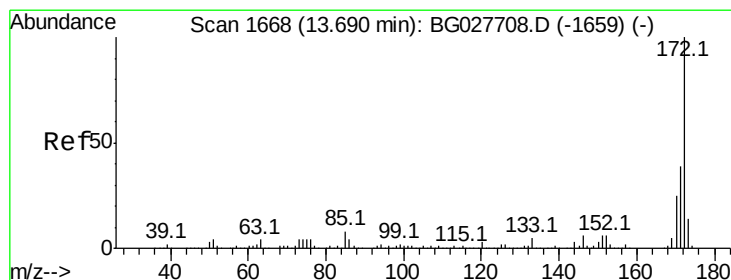
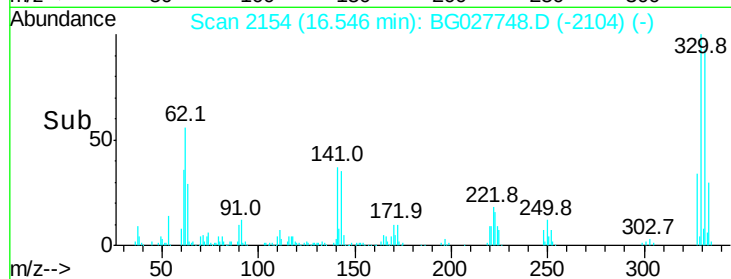
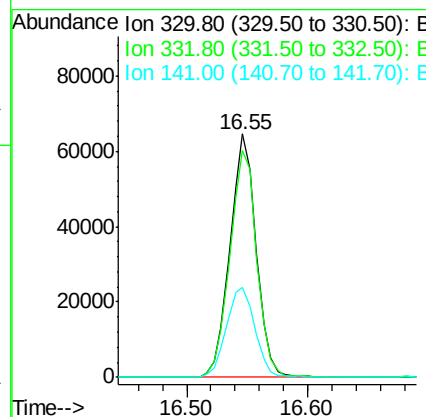
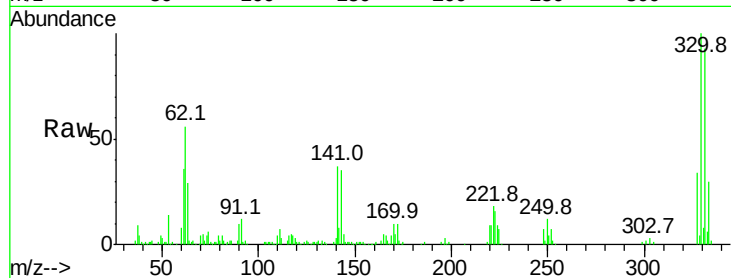




#41
 2,4,6-Tribromophenol
 Concen: 84.01 ng
 RT: 16.55 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG027748.D
 Acq: 29 Jun 2017 19:53

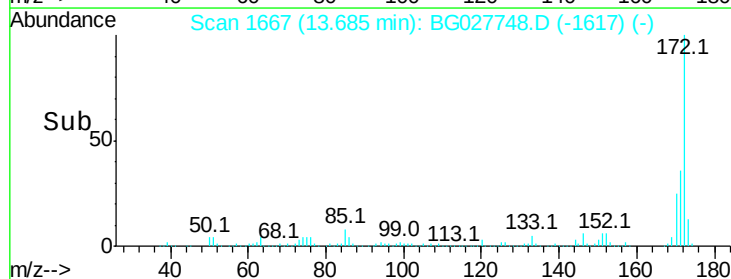
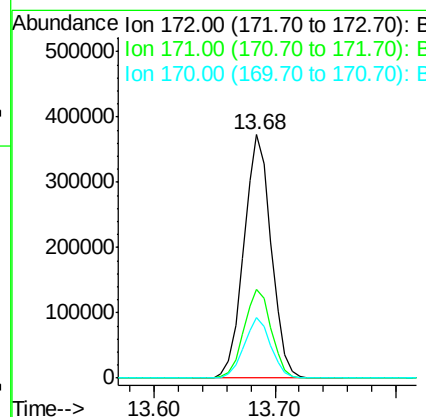
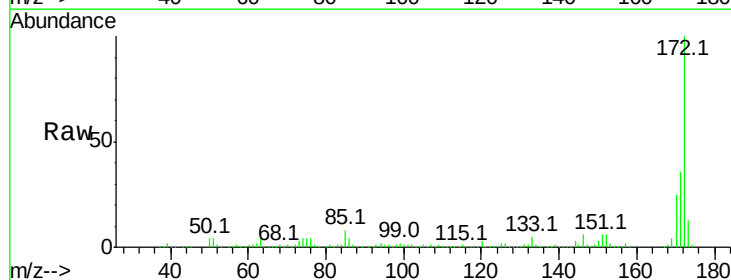
Instrument :
 BNA_G
 ClientSampleId :

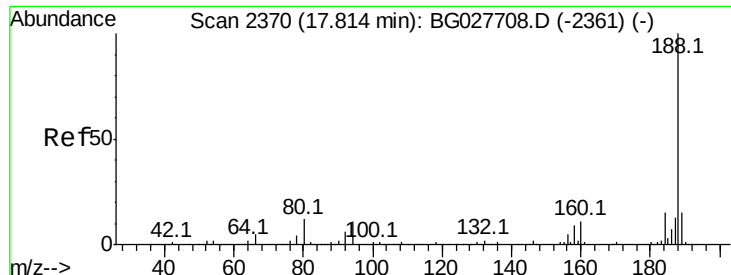
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	40.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 99.29 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027748.D
 Acq: 29 Jun 2017 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	24.7	21.8	32.6

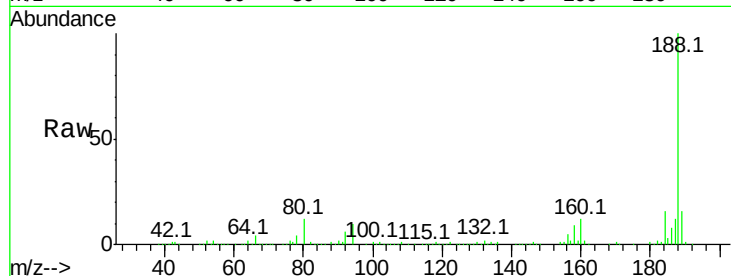




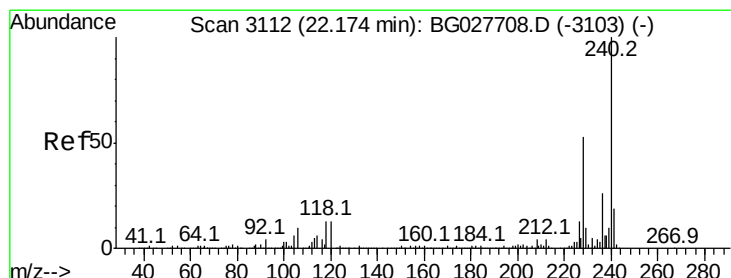
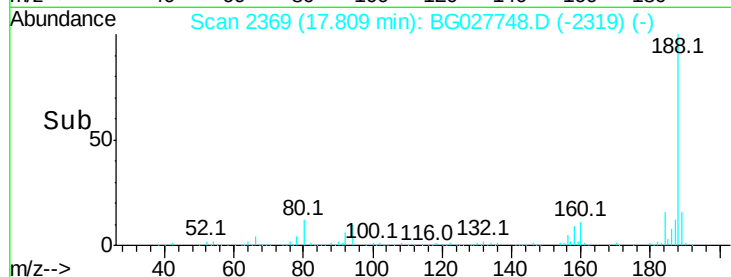
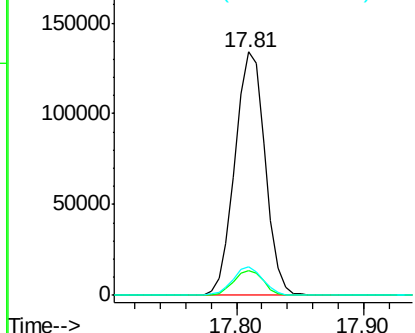
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG027748.D
Acq: 29 Jun 2017 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 220576
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.7 7.5 11.3#

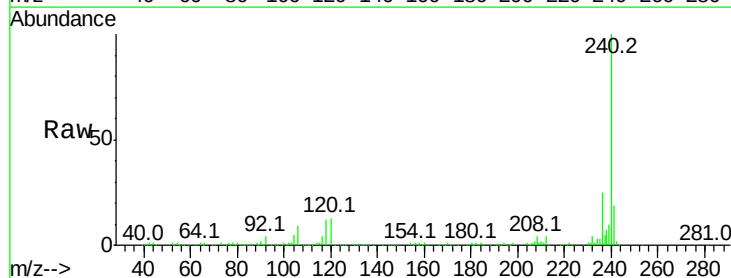


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

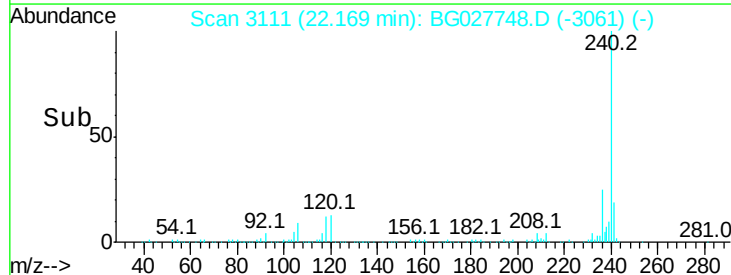
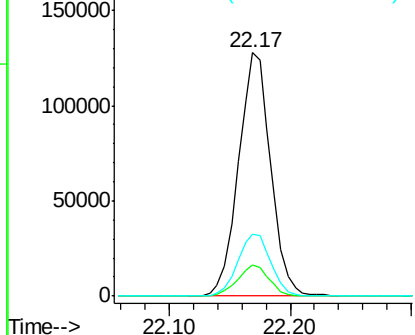


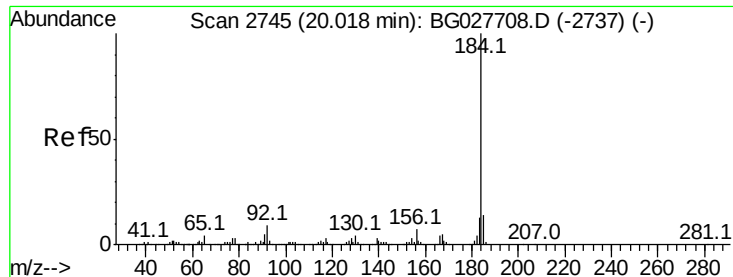
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BG027748.D
Acq: 29 Jun 2017 19:53

Tgt Ion:240 Resp: 236620
Ion Ratio Lower Upper
240 100
120 12.7 5.7 8.5#
236 25.3 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: 19.95 min Scan# 2733

Delta R.T. -0.07 min

Lab File: BG027748.D

Acq: 29 Jun 2017 19:53

Instrument :

BNA_G

ClientSampleId :

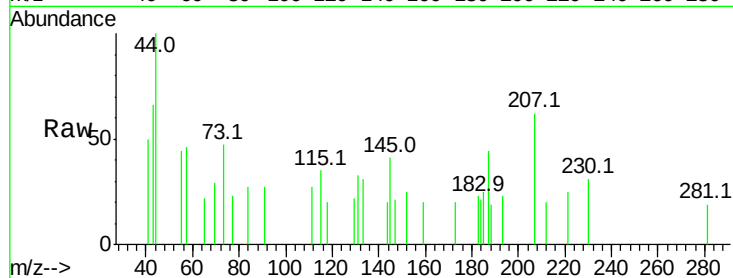
Tot Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

185 119.6 13.0 19.6#

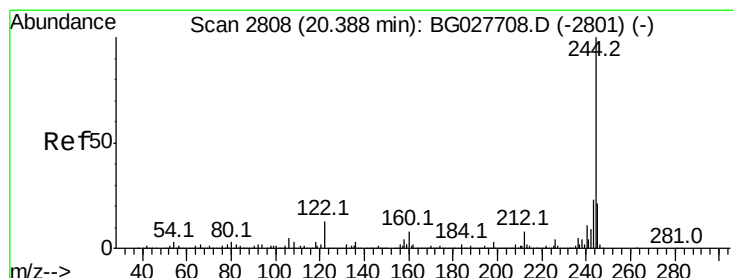
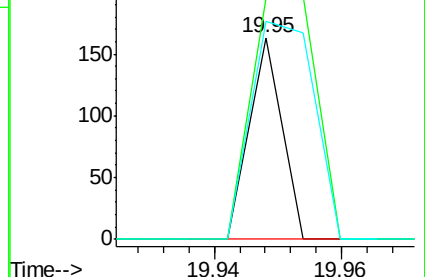
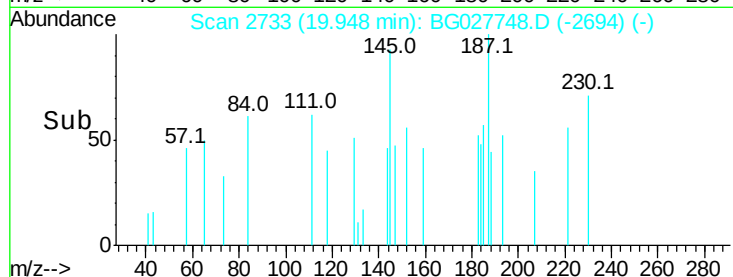
183 108.6 11.0 16.6#



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: 104.55 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027748.D

Acq: 29 Jun 2017 19:53

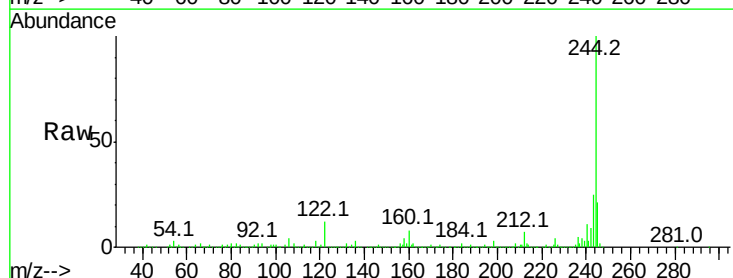
Tgt Ion:244 Resp: 1055224

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

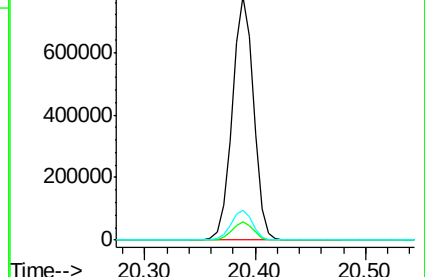
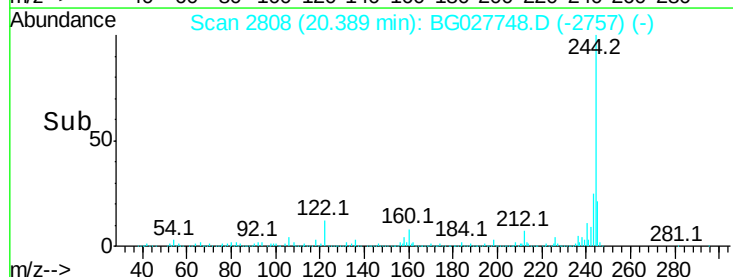
122 12.5 8.6 12.8

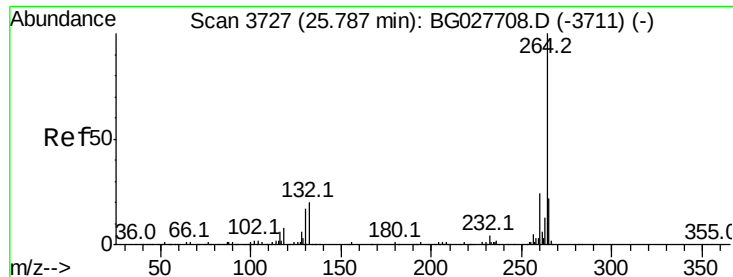


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027748.D
Acq: 29 Jun 2017 19:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	20.9	18.2	27.4

