

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027907.D
 Acq On : 11 Jul 2017 4:02
 Operator : SJ/JU
 Sample : I4078-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 07:05:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

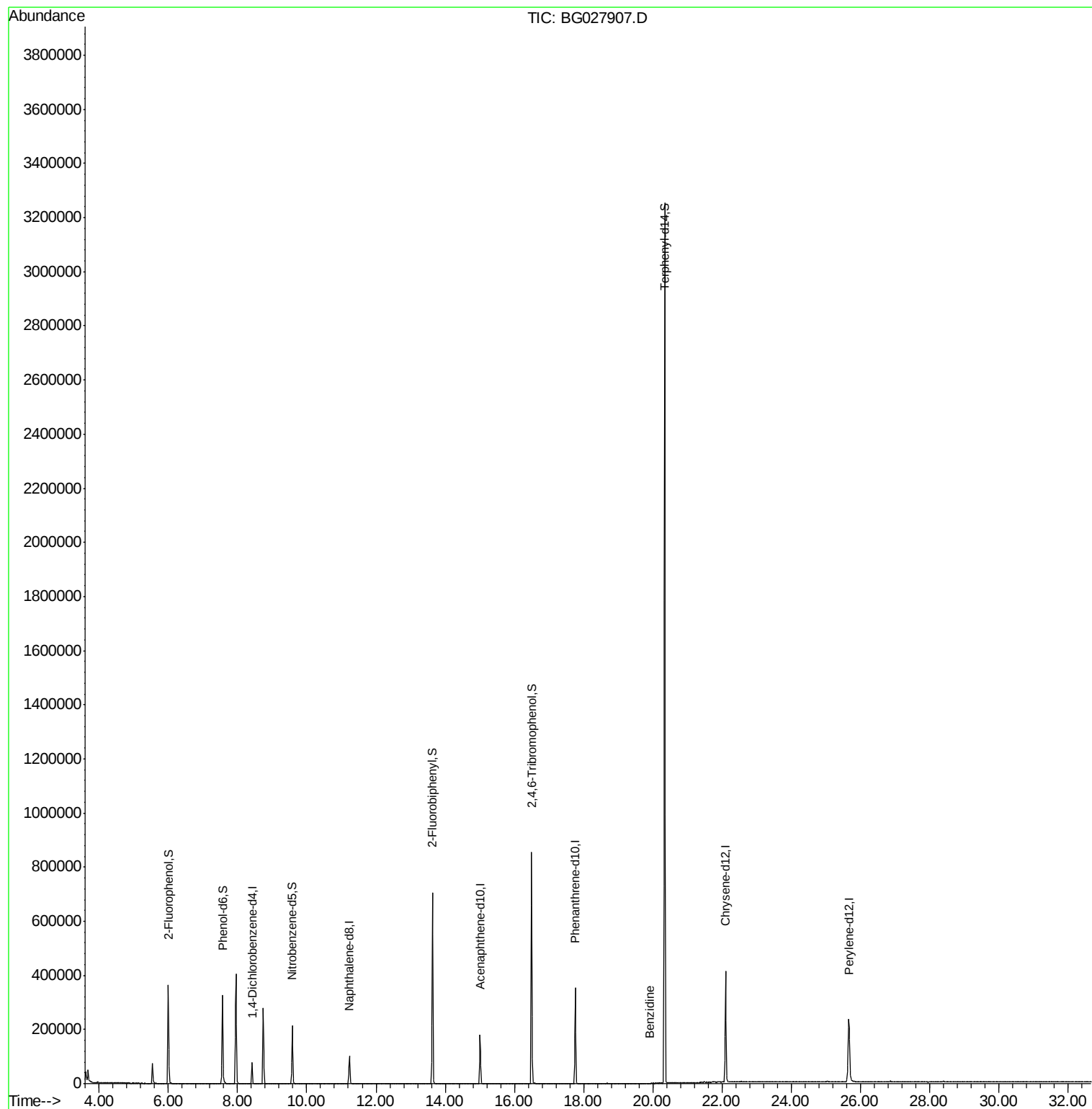
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	25554	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	112551	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	66951	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	222242	20.00	ng	-0.02
75) Chrysene-d12	22.11	240	282790	20.00	ng	-0.02
86) Perylene-d12	25.67	264	276764	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	221005	133.18	ng	0.00
7) Phenol-d6	7.56	99	279397	110.21	ng	0.00
23) Nitrobenzene-d5	9.58	82	158052	78.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	203609	221.72	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	409188	87.29	ng	-0.02
78) Terphenyl-d14	20.34	244	1507639	124.99	ng	-0.01
Target Compounds						
76) Benzidine	19.92	184	56	3.23	ng	Qvalue # 64

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

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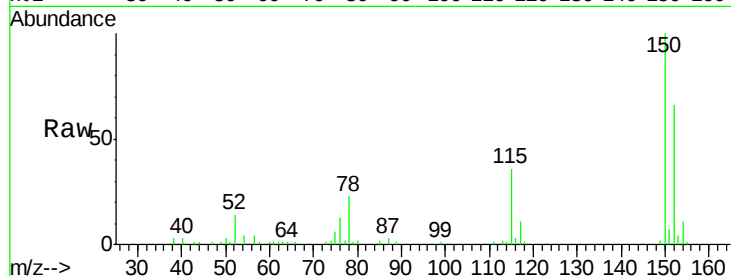


#1

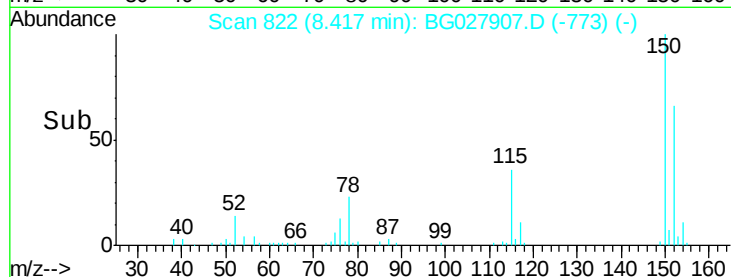
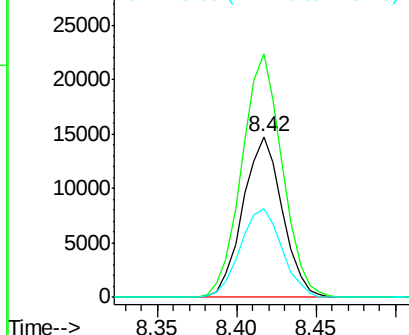
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25554
Ion Ratio Lower Upper
152 100
150 151.4 114.0 171.0
115 54.9 48.1 72.1



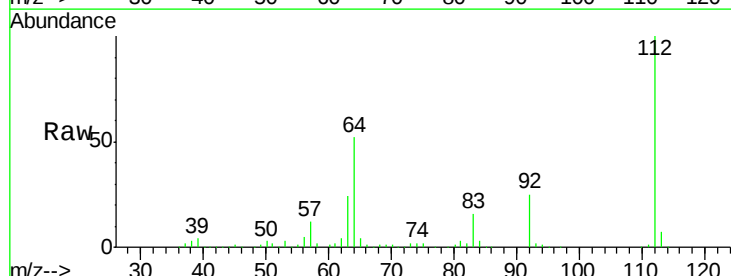
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



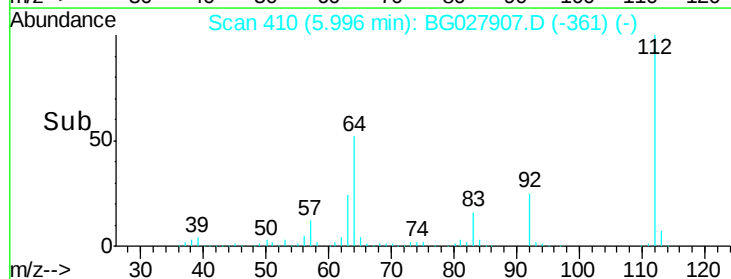
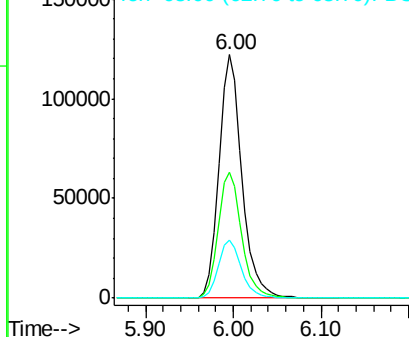
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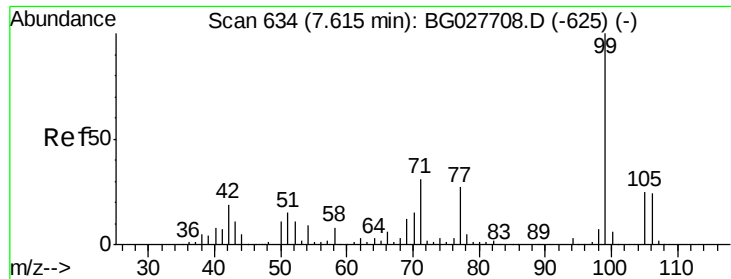
2-Fluorophenol
Concen: 133.18 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

Tgt Ion:112 Resp: 221005
Ion Ratio Lower Upper
112 100
64 51.5 61.8 92.6#
63 24.0 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: 110.21 ng

RT: 7.56 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027907.D

Acq: 11 Jul 2017 4:02

Instrument :

BNA_G

ClientSampleId :

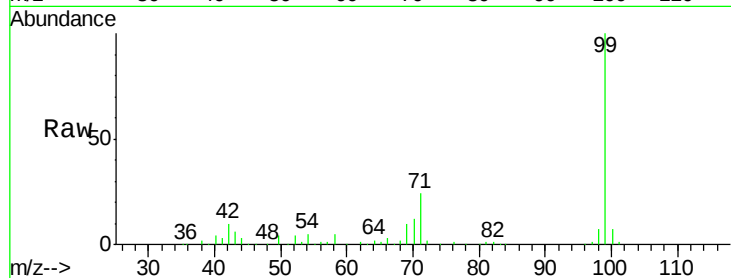
Tot Ion: 99 Resp: 279397

Ion Ratio Lower Upper

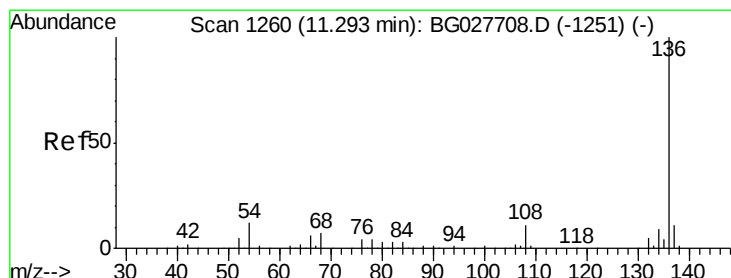
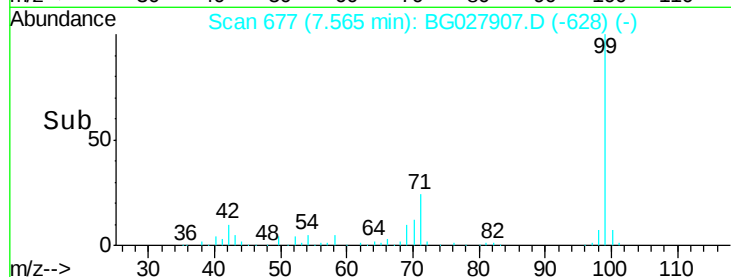
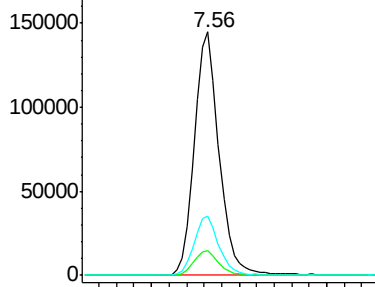
99 100

42 10.1 20.5 30.7#

71 24.2 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: 11.24 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG027907.D

Acq: 11 Jul 2017 4:02

Tgt Ion: 136 Resp: 112551

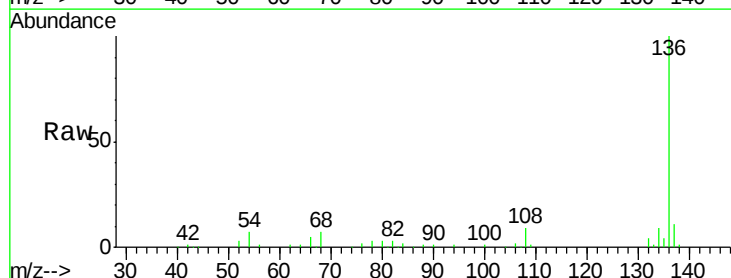
Ion Ratio Lower Upper

136 100

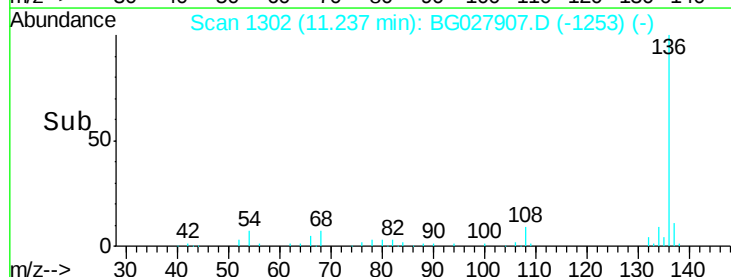
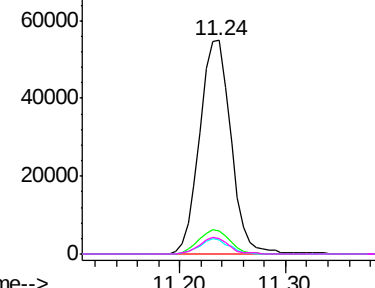
137 11.0 8.9 13.3

54 6.7 9.3 13.9#

68 6.9 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

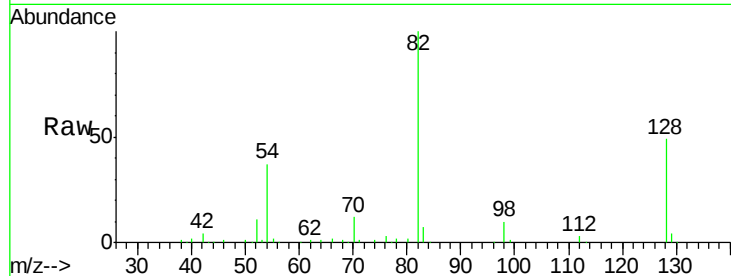




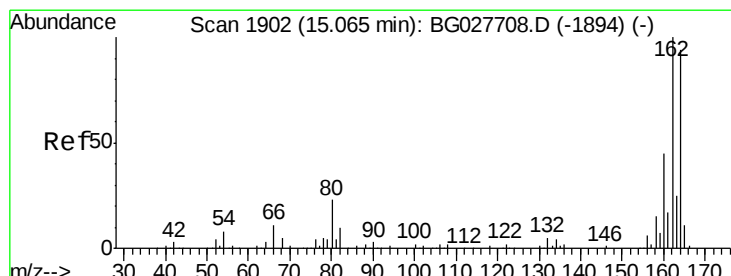
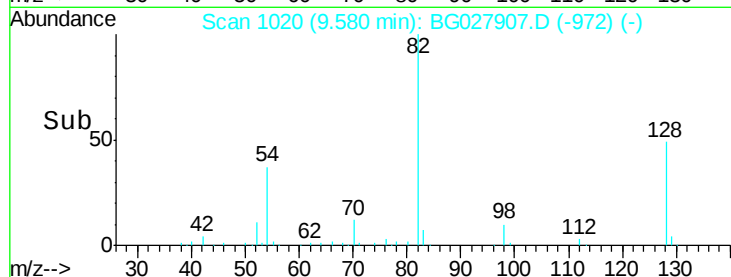
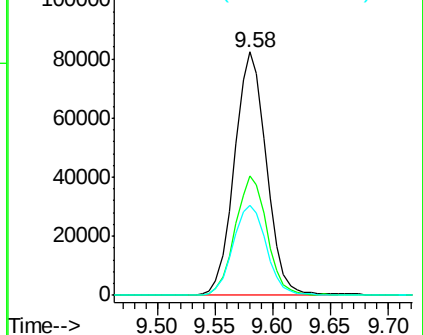
#23
 Nitrobenzene-d5
 Concen: 78.28 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG027907.D
 Acq: 11 Jul 2017 4:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	158052
Ion Ratio	Lower	Upper	
82	100		
128	49.1	26.4	39.6#
54	37.1	49.4	74.2#

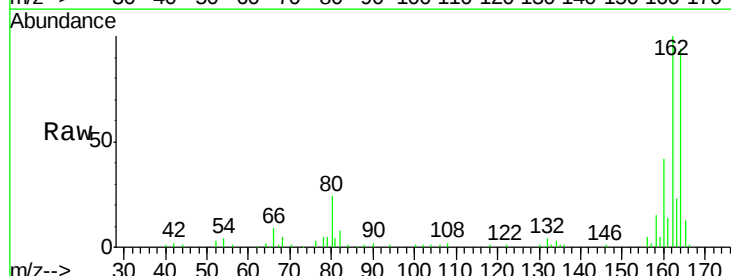


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

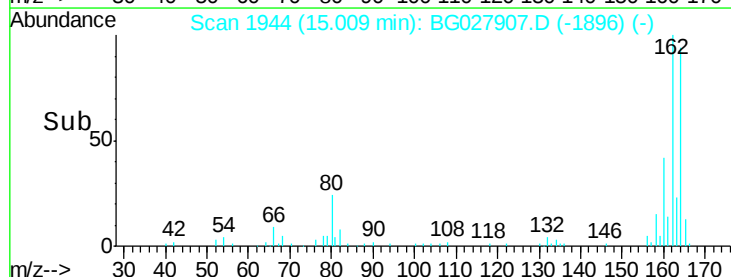
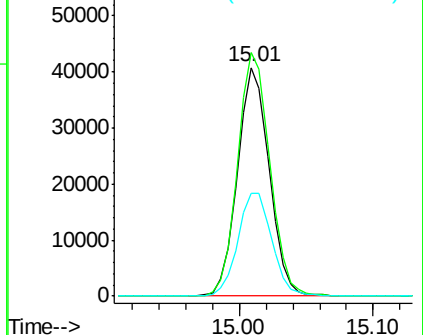


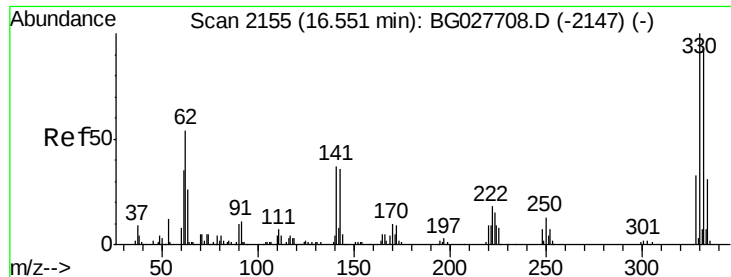
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.02 min
 Lab File: BG027907.D
 Acq: 11 Jul 2017 4:02

Tgt Ion	164	Resp	66951
Ion Ratio	Lower	Upper	
164	100		
162	106.6	85.1	127.7
160	45.2	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

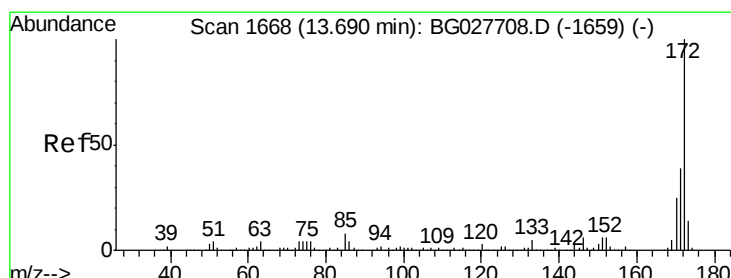
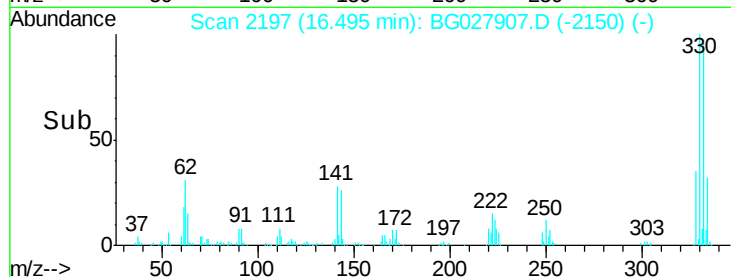
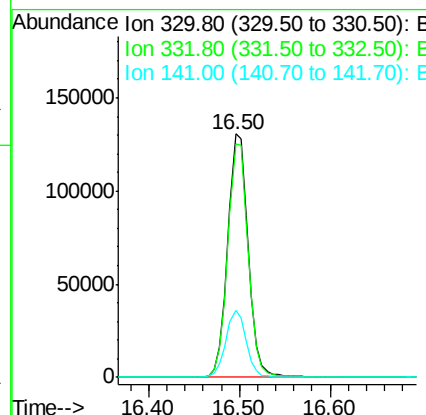
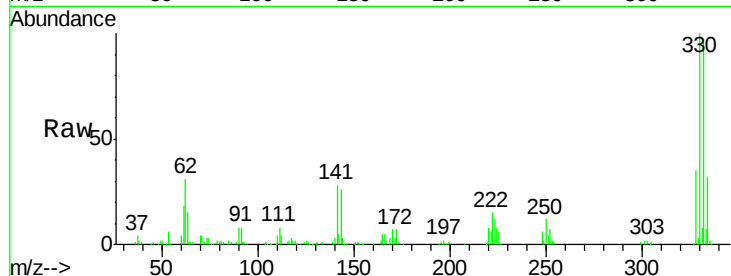




#41
 2,4,6-Tribromophenol
 Concen: 221.72 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027907.D
 Acq: 11 Jul 2017 4:02

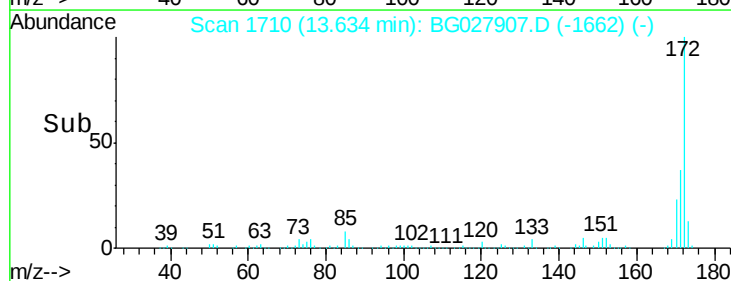
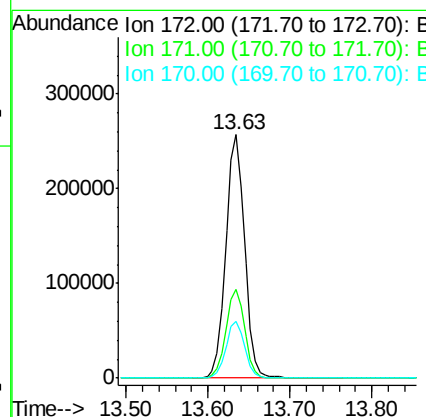
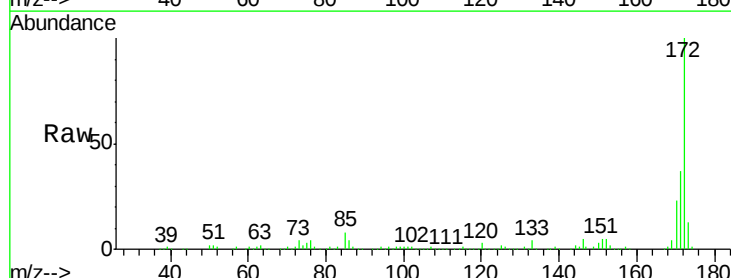
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	27.5	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 87.29 ng
 RT: 13.63 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BG027907.D
 Acq: 11 Jul 2017 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	23.3	21.8	32.6

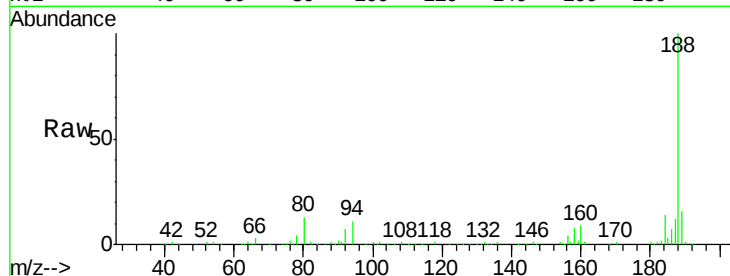




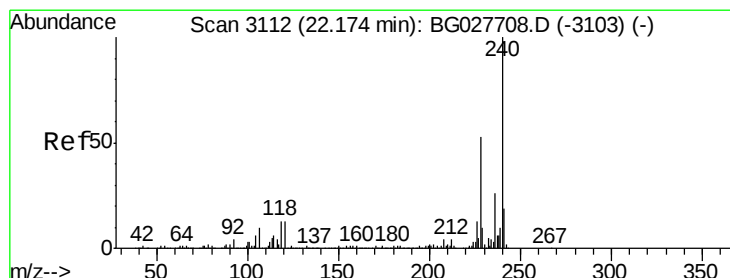
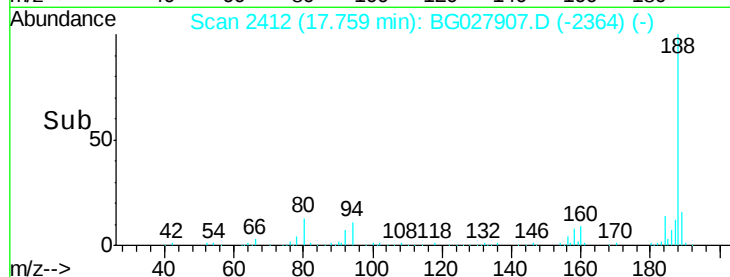
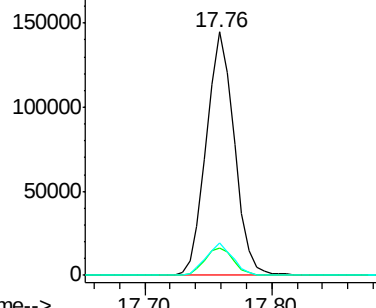
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 222242
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.1 7.5 11.3#

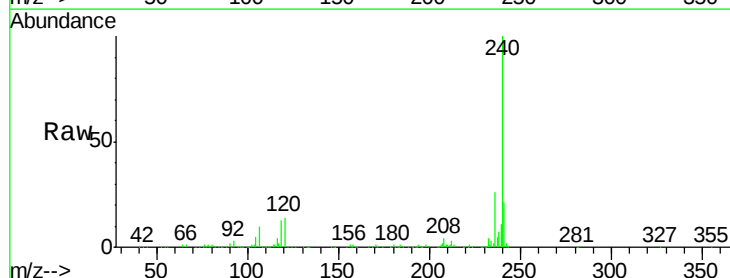


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

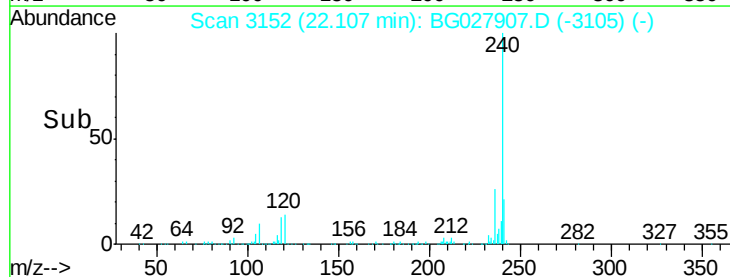
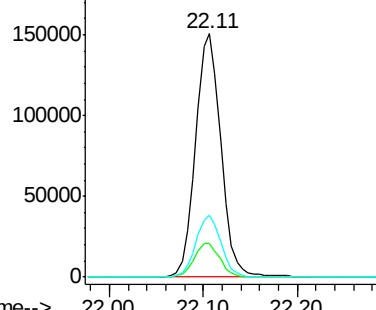


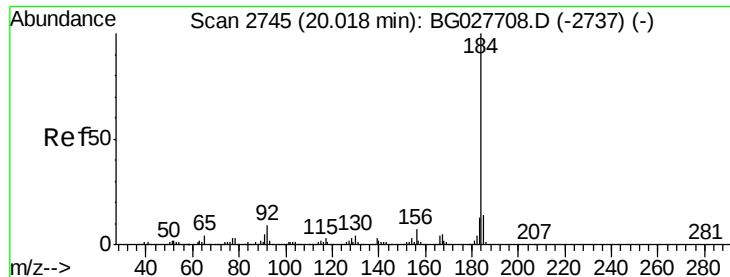
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

Tgt Ion:240 Resp: 282790
Ion Ratio Lower Upper
240 100
120 13.8 5.7 8.5#
236 25.5 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

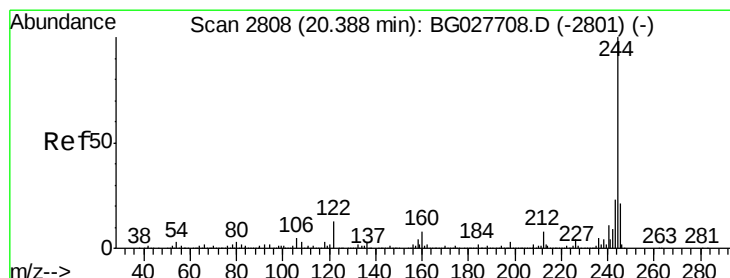
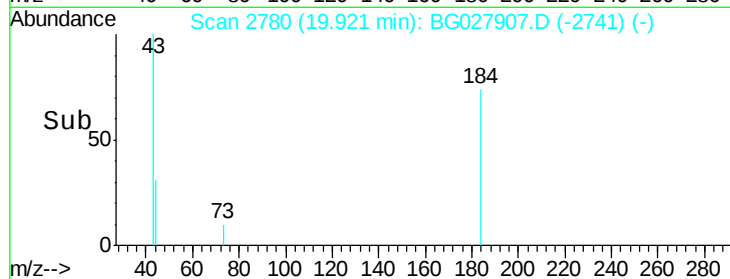
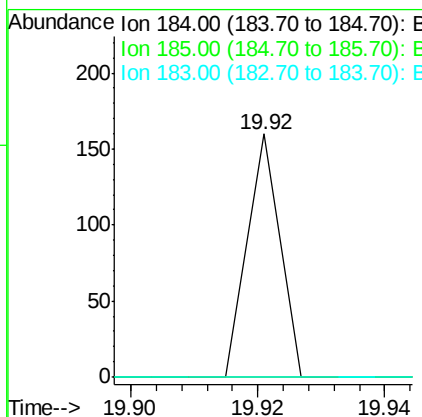
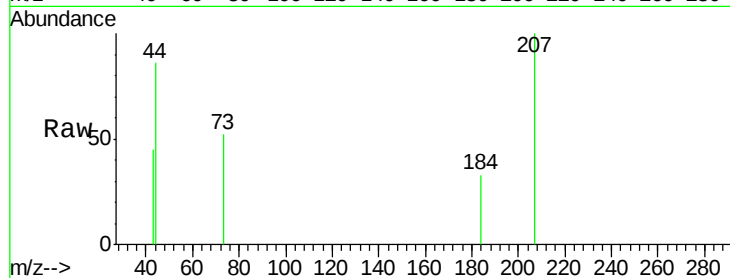




#76
Benzidine
Concen: 3.23 ng
RT: 19.92 min Scan# 2780
Delta R.T. -0.07 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

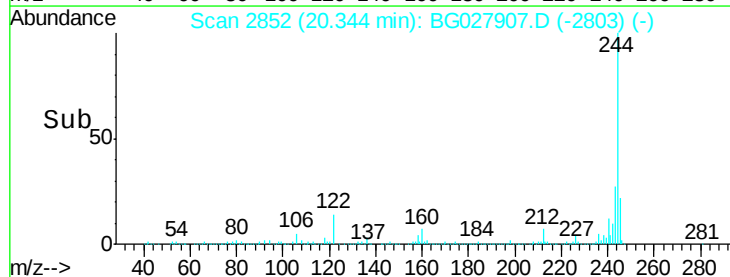
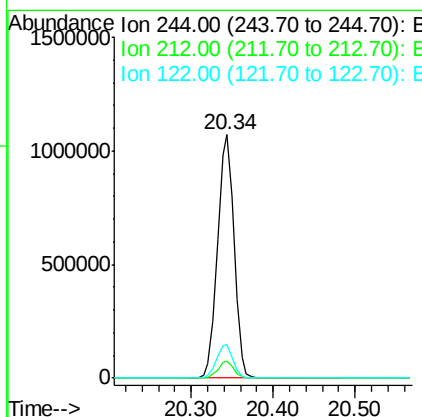
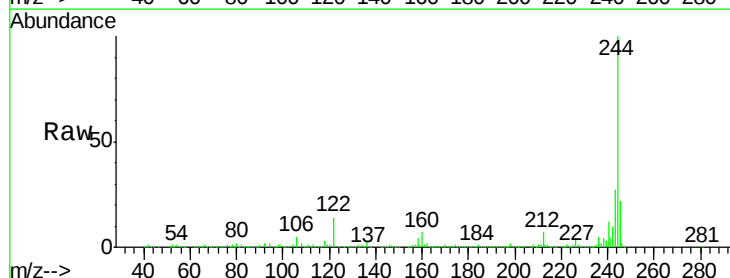
Instrument :
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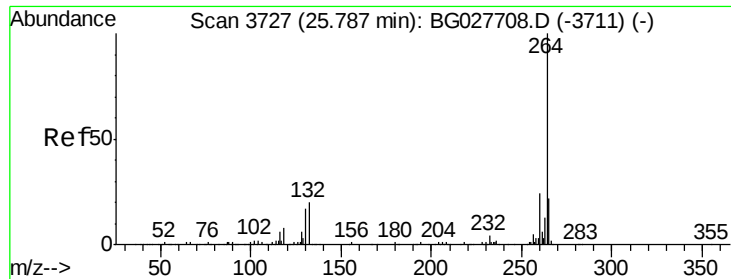
Tot Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
185 0.0 13.0 19.6#
183 0.0 11.0 16.6#



#78
Terphenyl-d14
Concen: 124.99 ng
RT: 20.34 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

Tgt Ion:244 Resp: 1507639
Ion Ratio Lower Upper
244 100
212 6.8 10.0 15.0#
122 13.6 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027907.D
Acq: 11 Jul 2017 4:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.9	18.2	27.4

