

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027874.D
 Acq On : 7 Jul 2017 18:39
 Operator : SJ/JU
 Sample : I4062-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 02:12:20 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

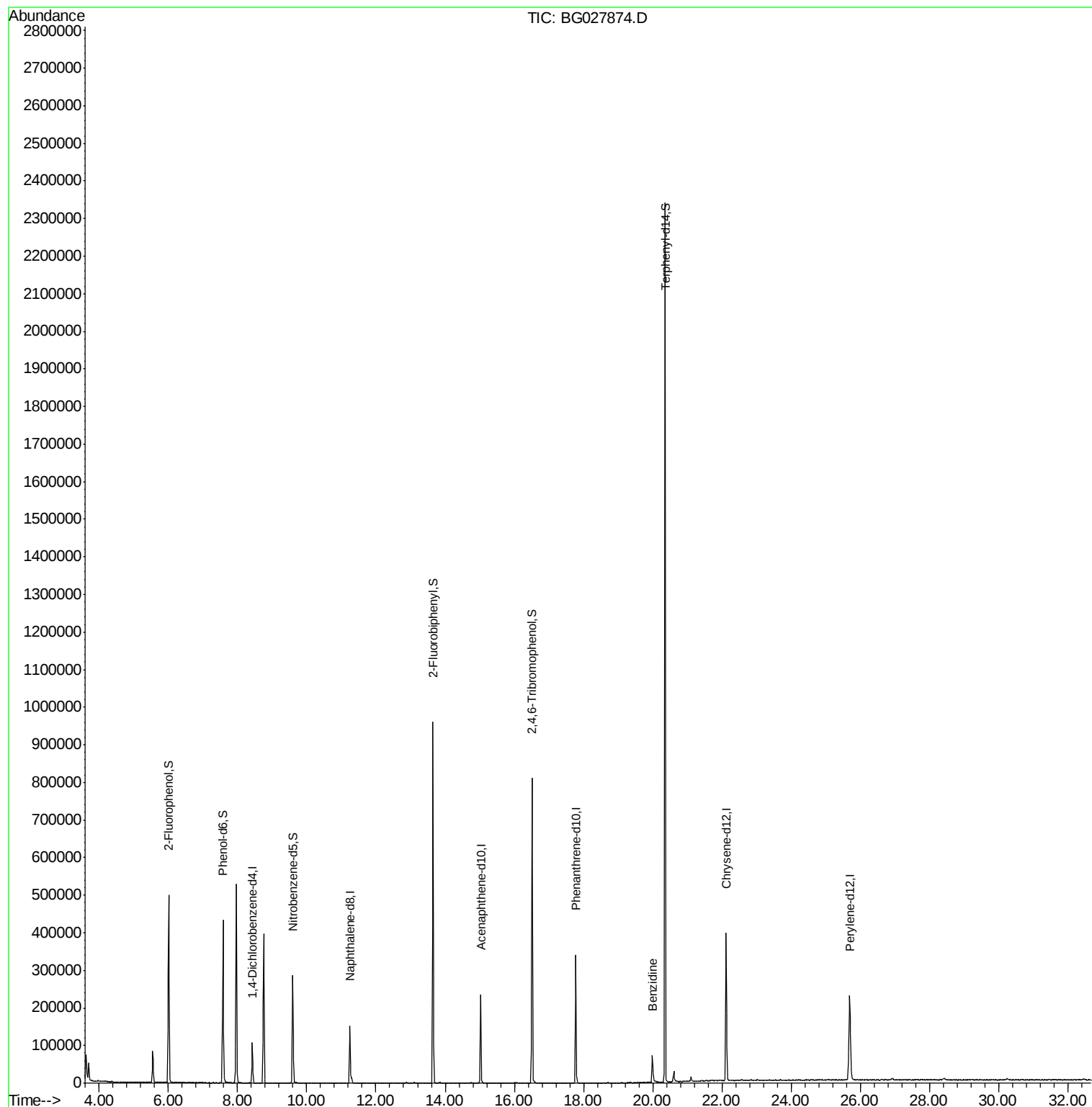
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	35570	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	154338	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	85114	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	220464	20.00	ng	0.00
75) Chrysene-d12	22.13	240	264935	20.00	ng	0.00
86) Perylene-d12	25.69	264	250958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	283789	122.86	ng	0.00
7) Phenol-d6	7.58	99	354634	100.50	ng	0.00
23) Nitrobenzene-d5	9.59	82	209601	75.70	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	190090	162.83	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	536033	89.94	ng	0.00
78) Terphenyl-d14	20.36	244	1101402	97.46	ng	0.00
Target Compounds						
76) Benzidine	19.99	184	67764	13.24	ng	Qvalue 95

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

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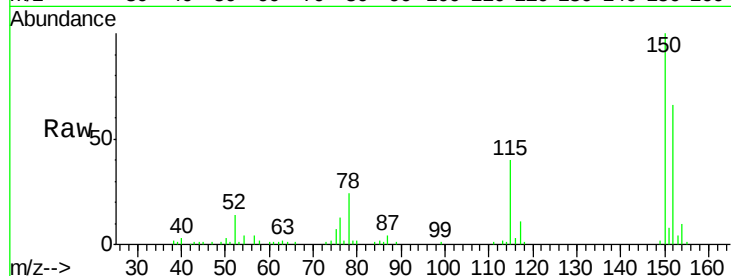


#1

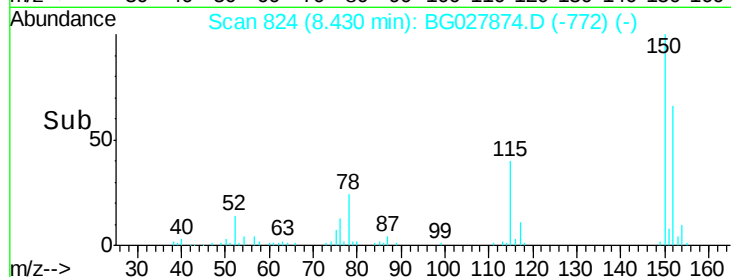
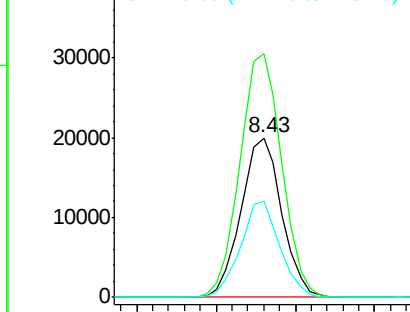
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35570
Ion Ratio Lower Upper
152 100
150 152.6 114.0 171.0
115 60.7 48.1 72.1



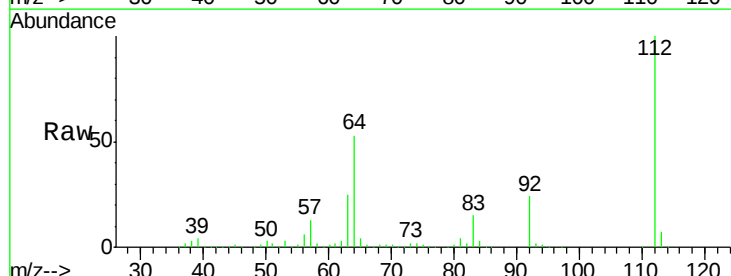
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



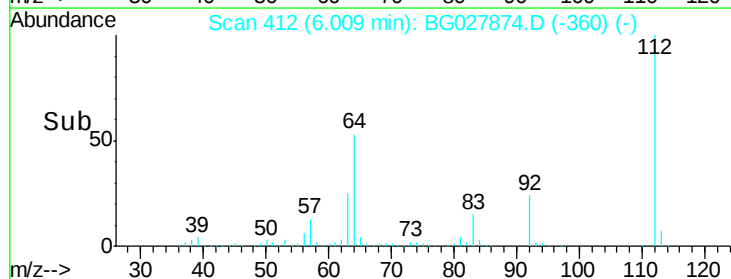
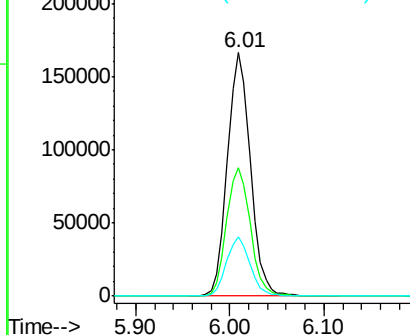
#5

2-Fluorophenol
Concen: 122.86 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Tgt Ion:112 Resp: 283789
Ion Ratio Lower Upper
112 100
64 52.7 61.8 92.6#
63 24.6 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: 100.50 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Instrument :

BNA_G

ClientSampleId :

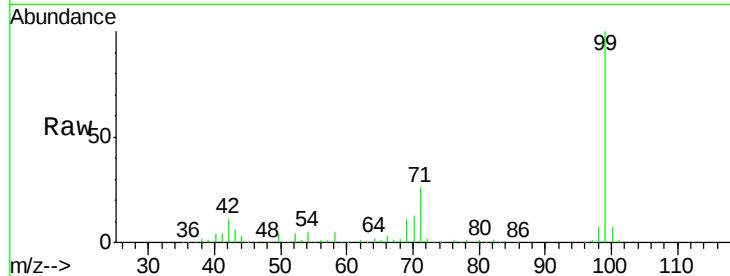
Tot Ion: 99 Resp: 354634

Ion Ratio Lower Upper

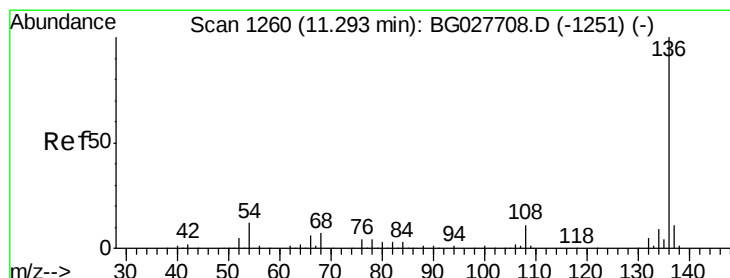
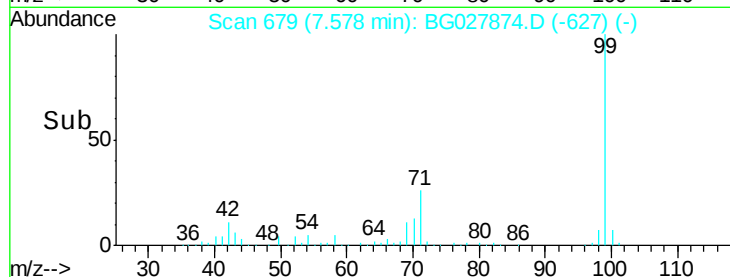
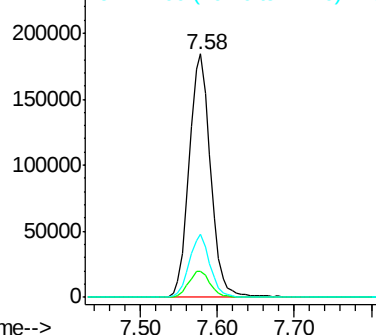
99 100

42 10.6 20.5 30.7#

71 25.8 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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Tgt Ion: 136 Resp: 154338

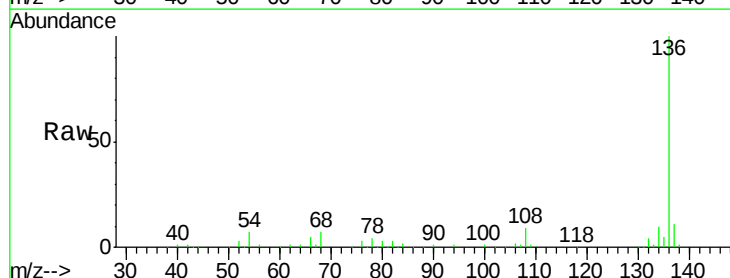
Ion Ratio Lower Upper

136 100

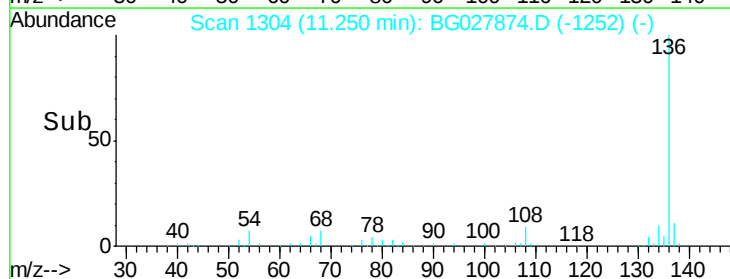
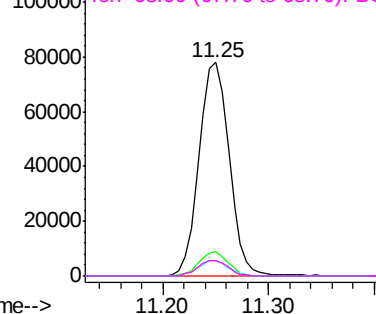
137 11.2 8.9 13.3

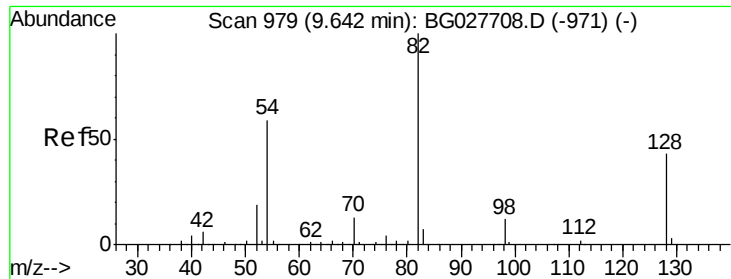
54 7.4 9.3 13.9#

68 7.3 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

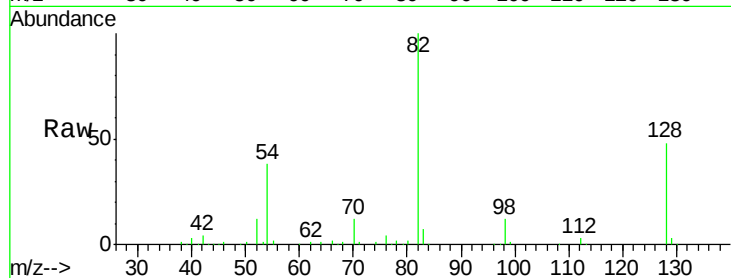




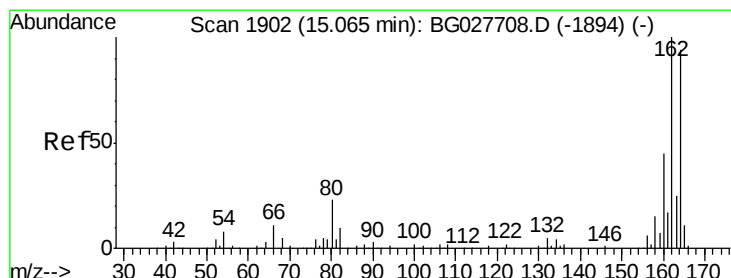
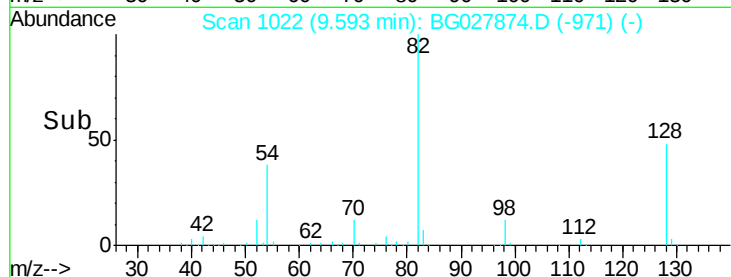
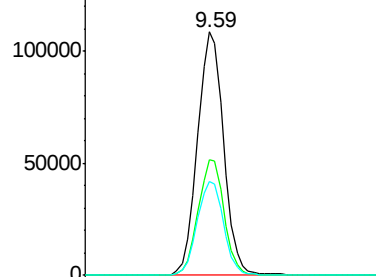
#23
Nitrobenzene-d5
Concen: 75.70 ng
RT: 9.59 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	209601
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
128	47.7		
54	38.3		
	49.4		
	74.2		

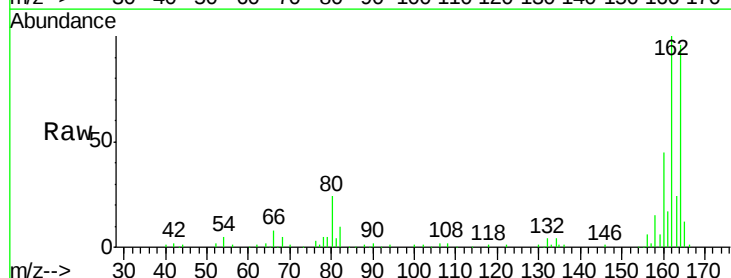


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

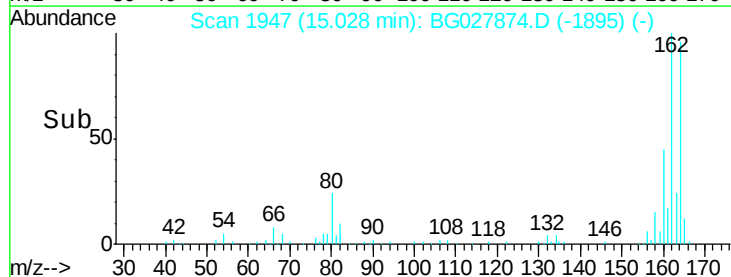
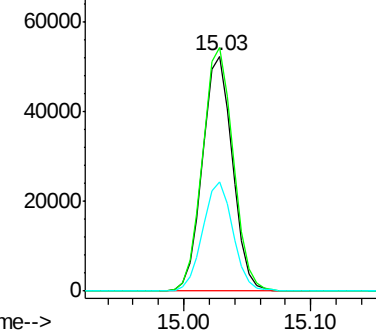


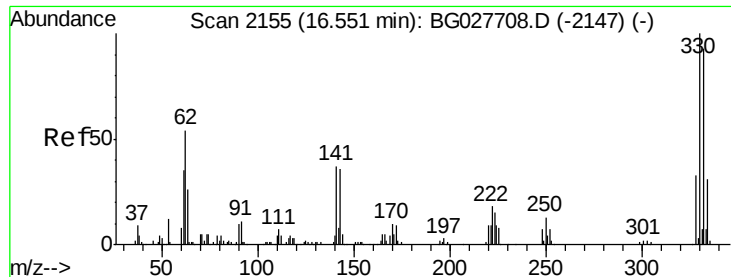
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Tgt Ion	164	Resp	85114
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	103.8		
160	46.6		
	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

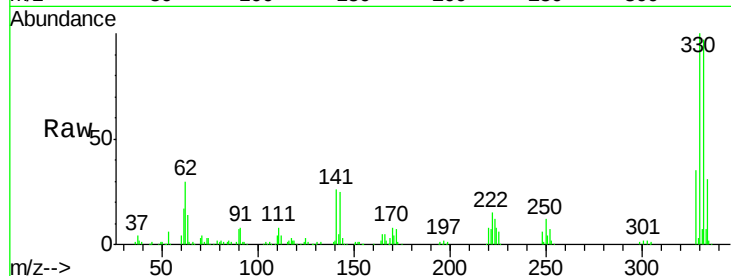




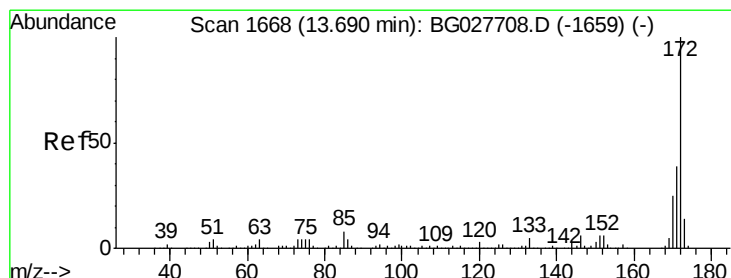
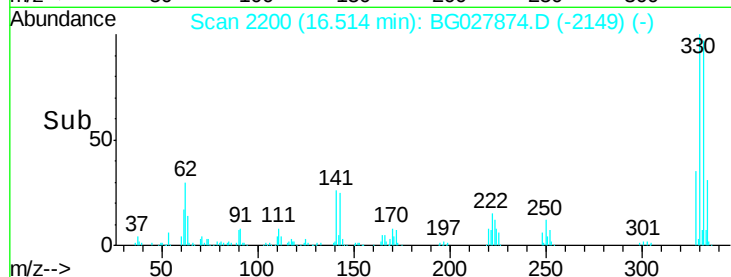
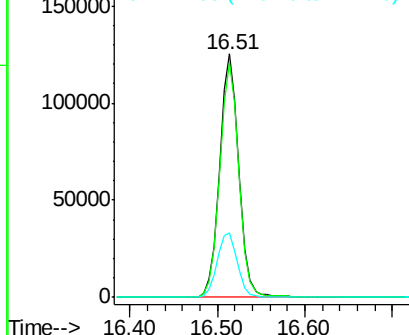
#41
 2,4,6-Tribromophenol
 Concen: 162.83 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027874.D
 Acq: 7 Jul 2017 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	28.0	32.1	48.1#

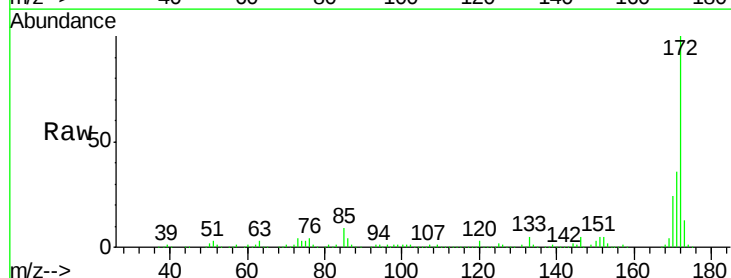


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

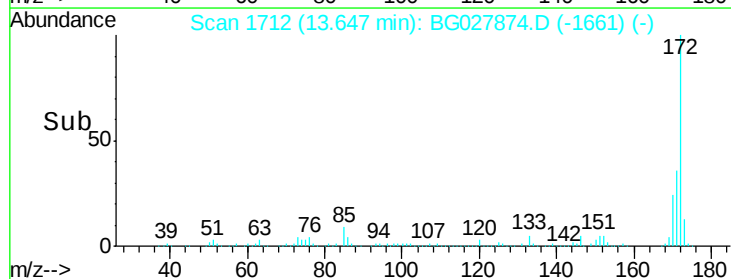
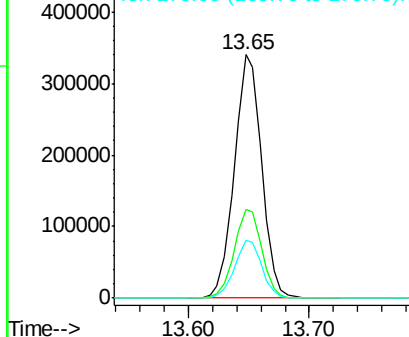


#44
 2-Fluorobiphenyl
 Concen: 89.94 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027874.D
 Acq: 7 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	23.6	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

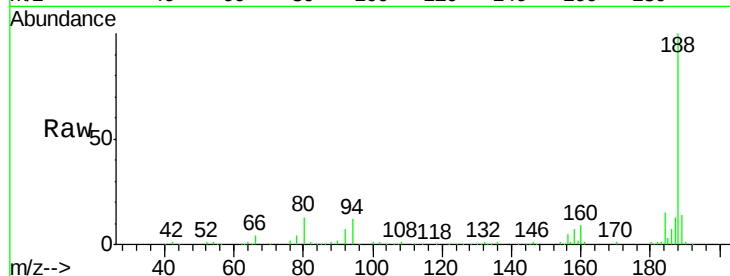




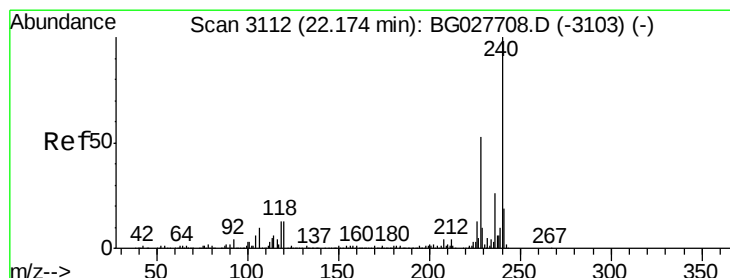
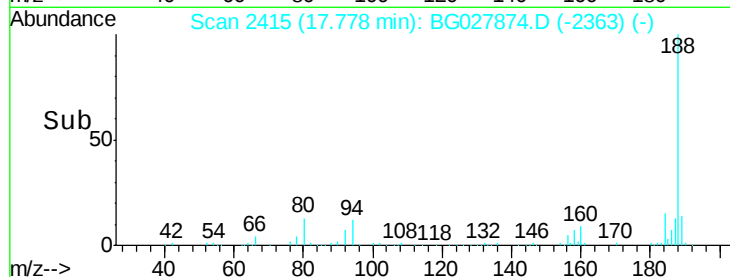
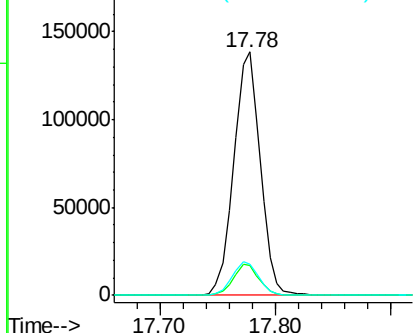
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 220464
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 12.6 7.5 11.3#

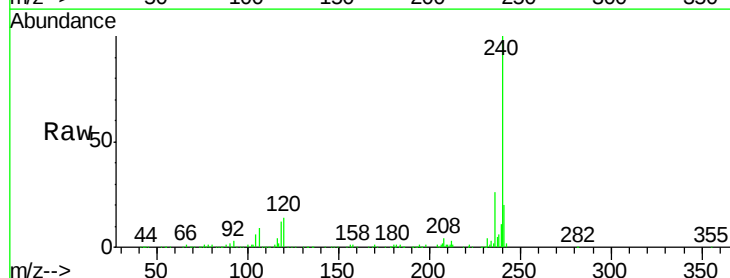


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

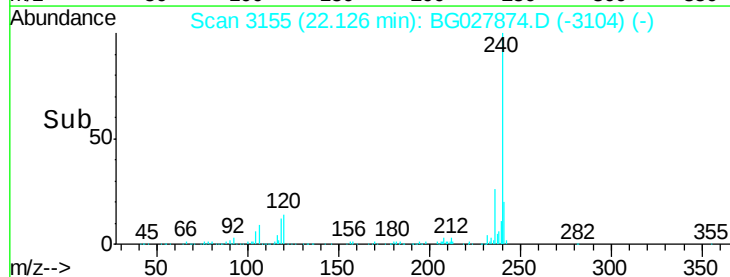
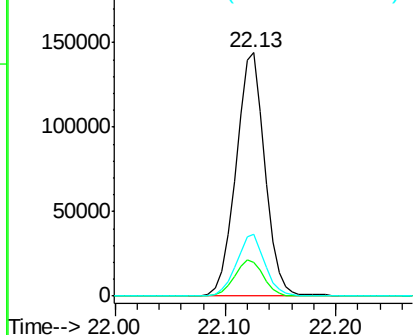


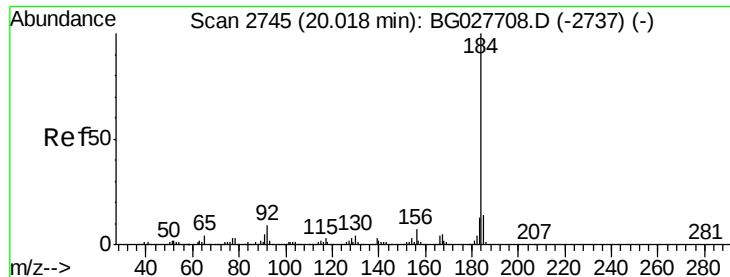
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.13 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Tgt Ion:240 Resp: 264935
Ion Ratio Lower Upper
240 100
120 13.9 5.7 8.5#
236 25.6 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

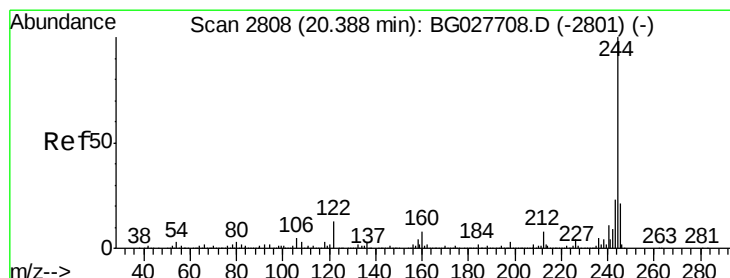
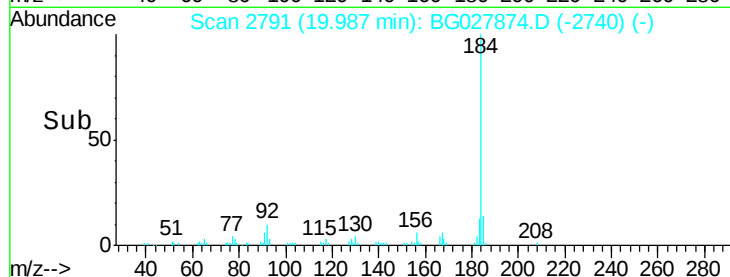
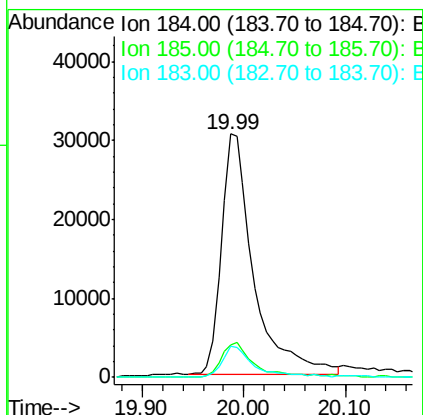
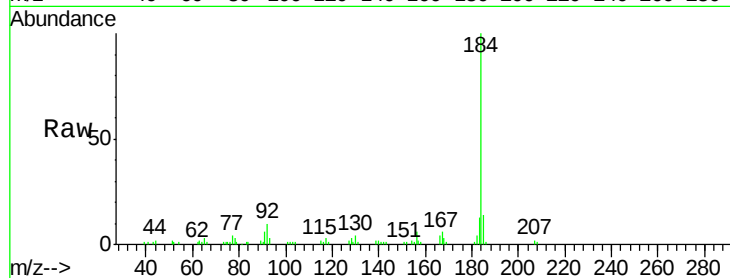




#76
Benzidine
Concen: 13.24 ng
RT: 19.99 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

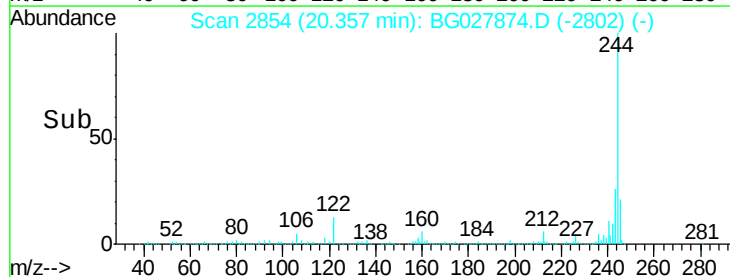
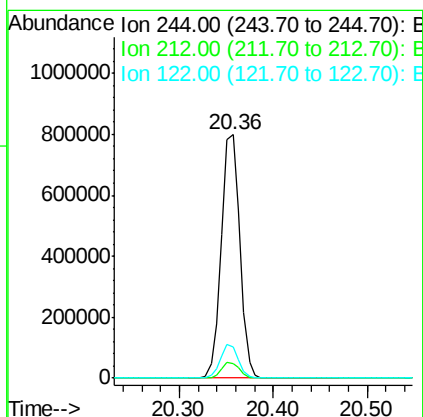
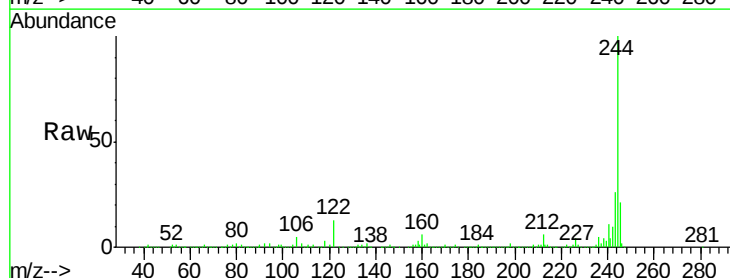
Instrument :
BNA_G
ClientSampleId :

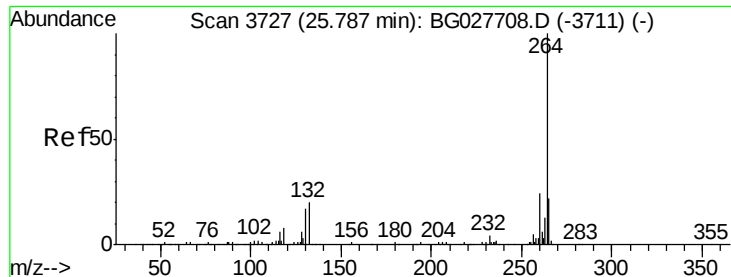
Tot Ion:184 Resp: 67764
Ion Ratio Lower Upper
184 100
185 13.5 13.0 19.6
183 12.8 11.0 16.6



#78
Terphenyl-d14
Concen: 97.46 ng
RT: 20.36 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Tgt Ion:244 Resp: 1101402
Ion Ratio Lower Upper
244 100
212 6.2 10.0 15.0#
122 12.9 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.5	18.2	27.4

