

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027695.D
 Acq On : 27 Jun 2017 9:57
 Operator : SJ/JU
 Sample : I3899-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 01:08:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

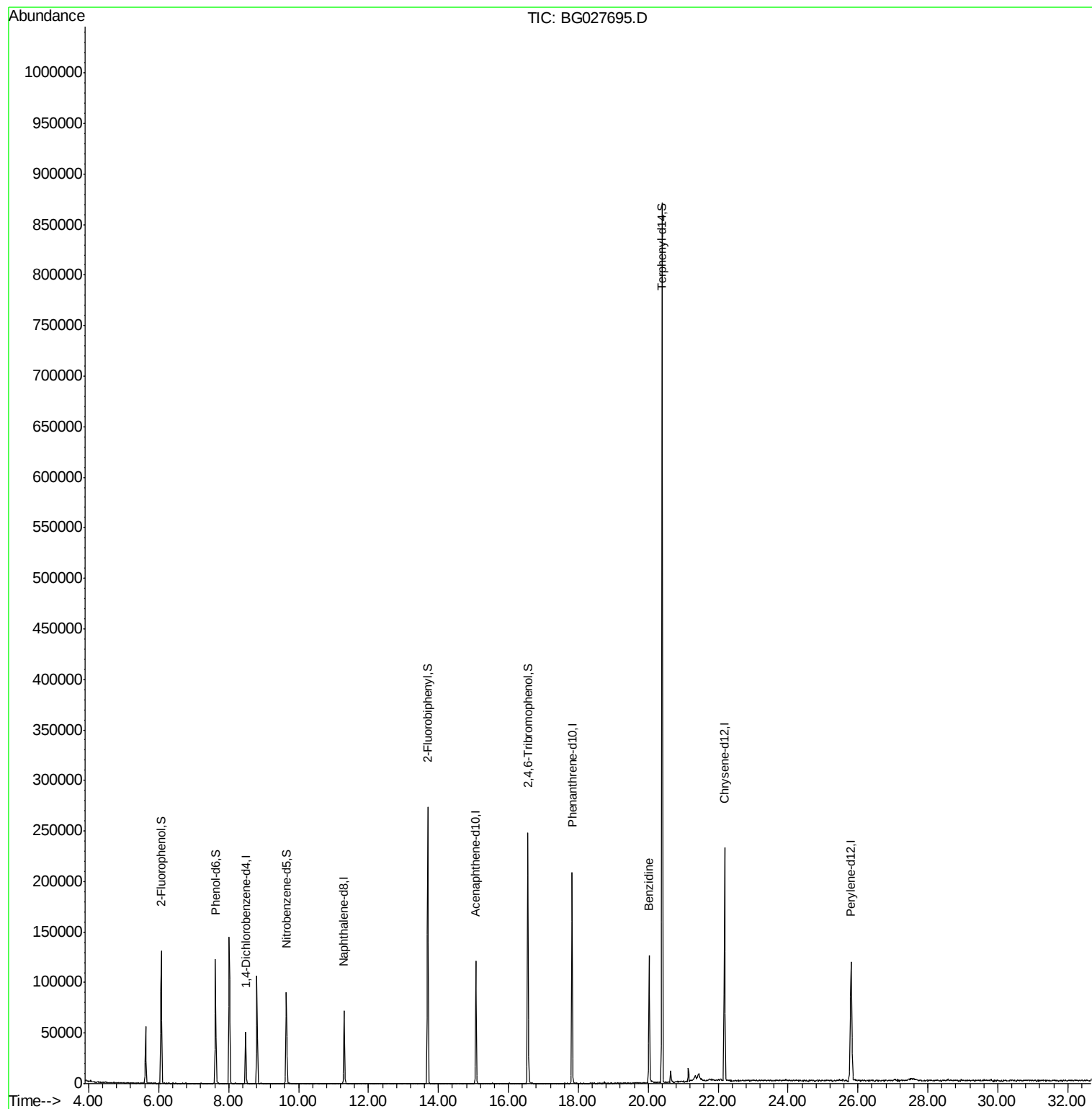
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13306	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	59071	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	41274	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	132672	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	153295	20.00	ng	-0.03
86) Perylene-d12	25.80	264	138337	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	53084	56.78	ng	-0.01
7) Phenol-d6	7.63	99	63182	45.65	ng	-0.02
23) Nitrobenzene-d5	9.65	82	55950	44.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	44178	71.80	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	133750	44.27	ng	-0.02
78) Terphenyl-d14	20.40	244	376158	57.81	ng	-0.02
Target Compounds						
76) Benzidine	20.03	184	77897	20.70	ng	Qvalue 97

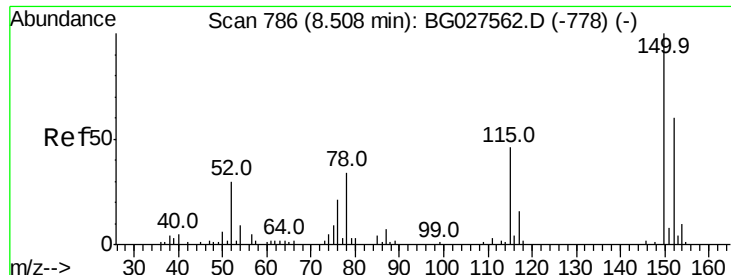
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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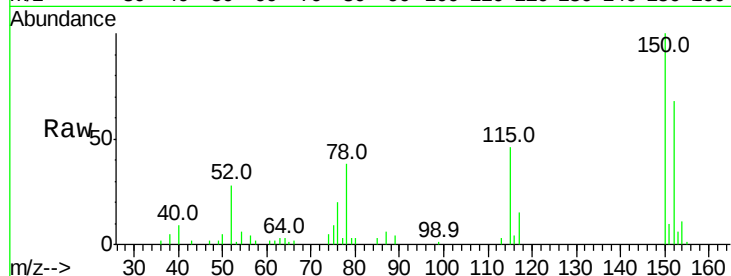


#1

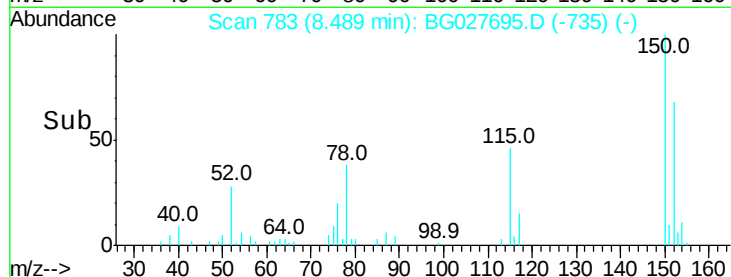
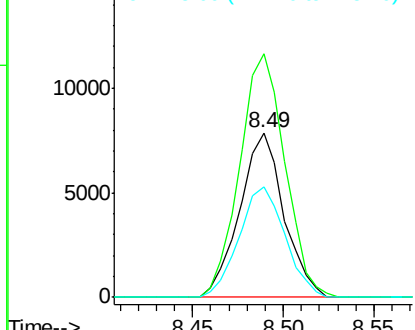
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027695.D
Acq: 27 Jun 2017 9:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 13306
Ion Ratio Lower Upper
152 100
150 148.1 114.0 171.0
115 67.5 48.1 72.1



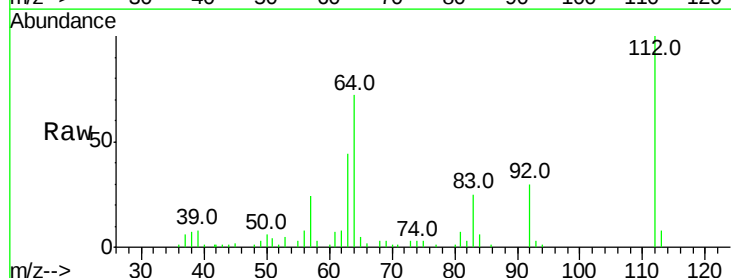
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



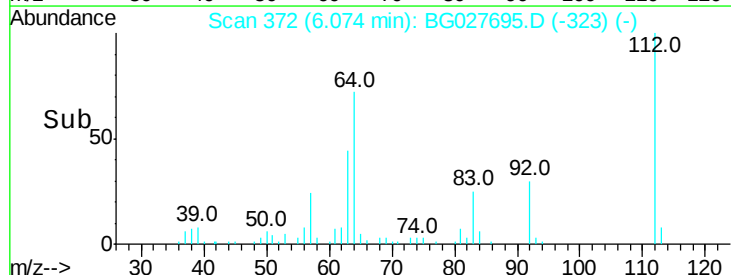
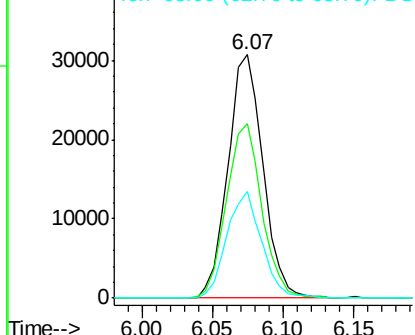
#5

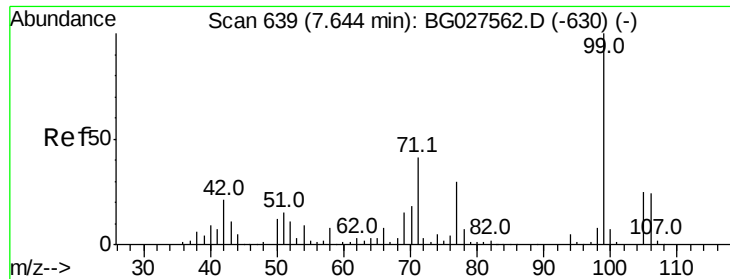
2-Fluorophenol
Concen: 56.78 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027695.D
Acq: 27 Jun 2017 9:57

Tgt Ion:112 Resp: 53084
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 43.9 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: 45.65 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027695.D

Acq: 27 Jun 2017 9:57

Instrument :

BNA_G

ClientSampleId :

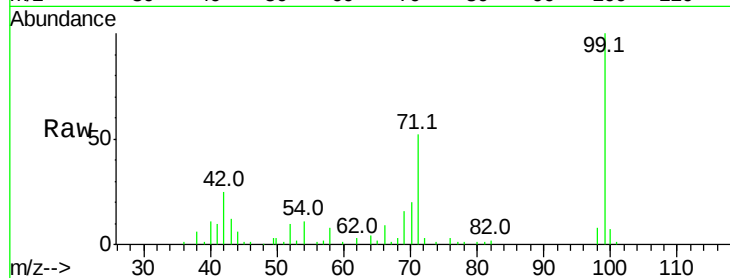
Tot Ion: 99 Resp: 63182

Ion Ratio Lower Upper

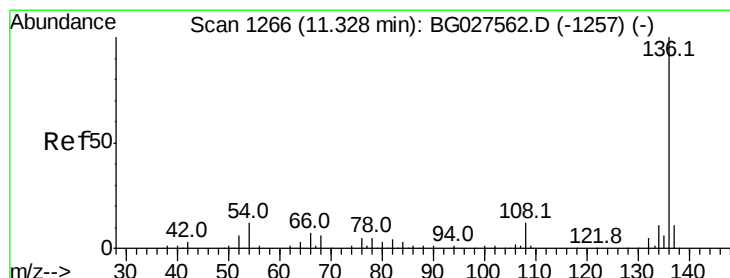
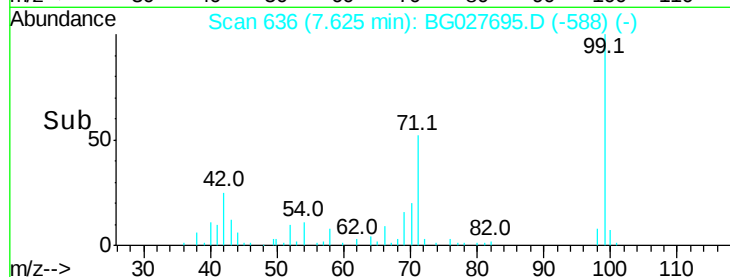
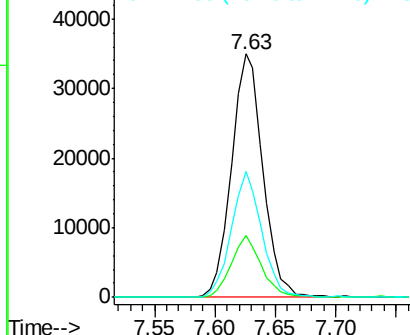
99 100

42 25.3 20.5 30.7

71 51.9 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: 11.30 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027695.D

Acq: 27 Jun 2017 9:57

Tgt Ion: 136 Resp: 59071

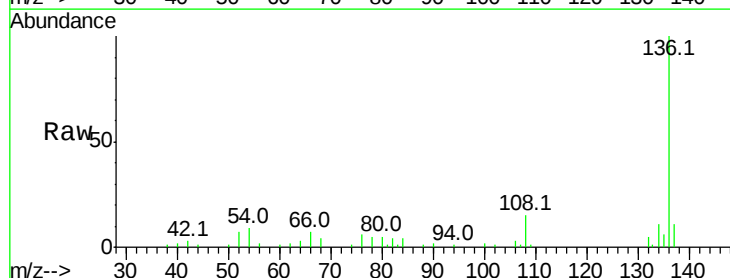
Ion Ratio Lower Upper

136 100

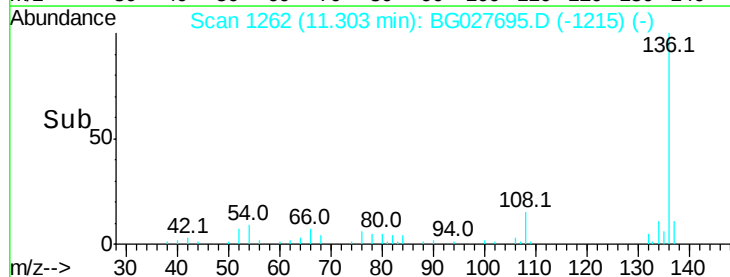
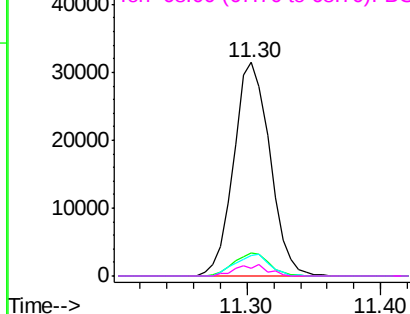
137 11.0 8.9 13.3

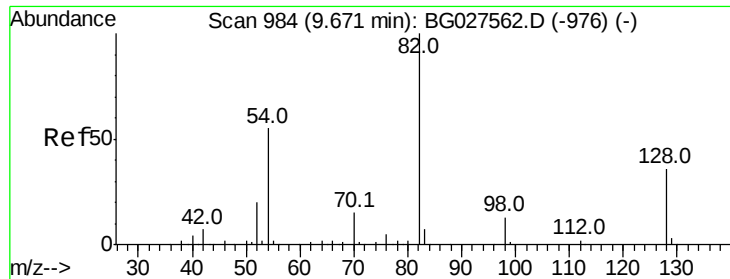
54 9.3 9.3 13.9

68 3.7 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

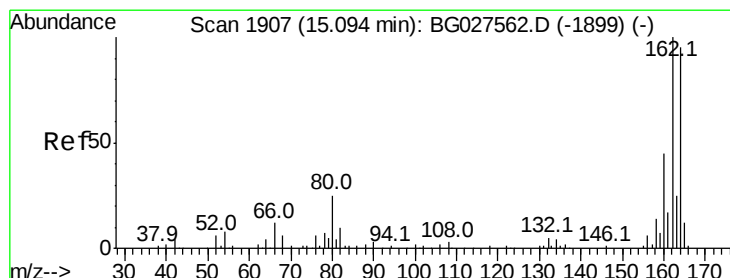
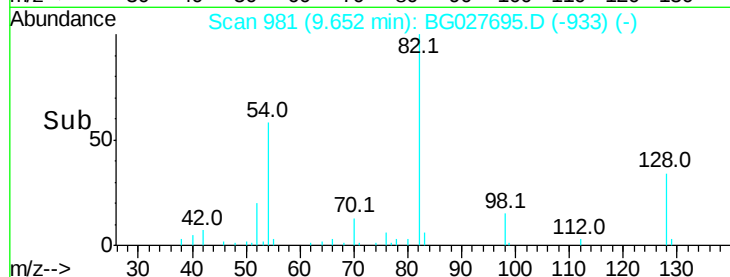
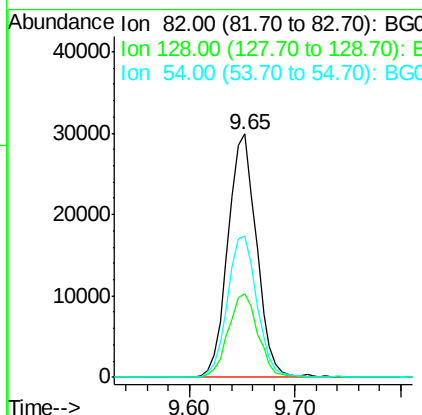
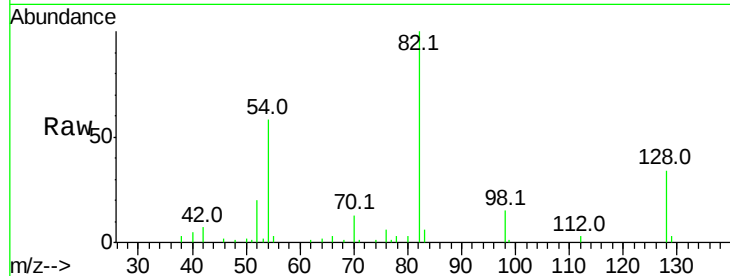




#23
 Nitrobenzene-d5
 Concen: 44.82 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027695.D
 Acq: 27 Jun 2017 9:57

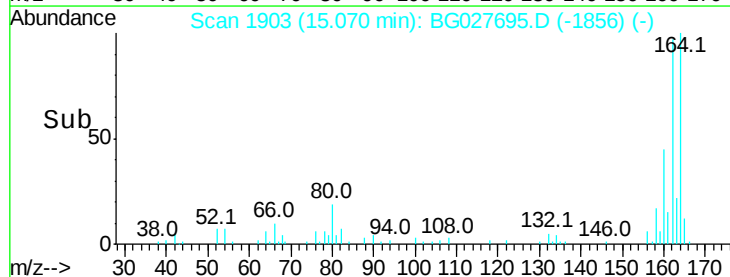
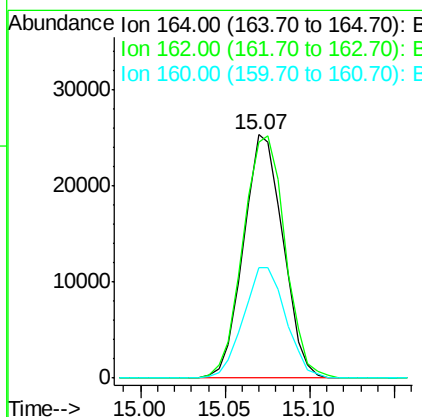
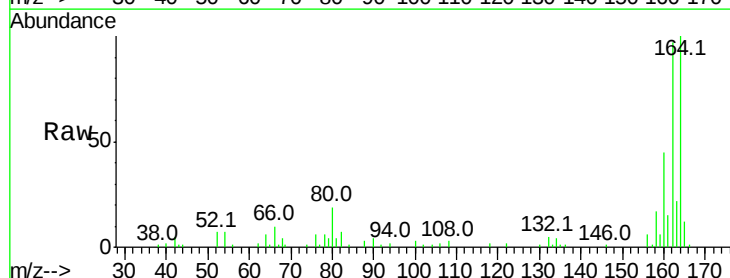
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	55950
Ion Ratio	Lower	Upper	
82	100		
128	34.5	26.4	39.6
54	57.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG027695.D
 Acq: 27 Jun 2017 9:57

Tgt Ion	164	Resp	41274
Ion Ratio	Lower	Upper	
164	100		
162	97.2	85.1	127.7
160	45.4	34.7	52.1

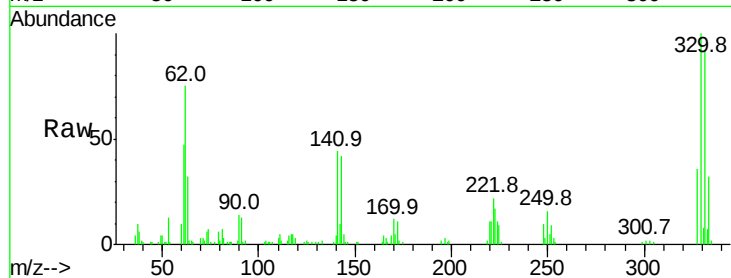




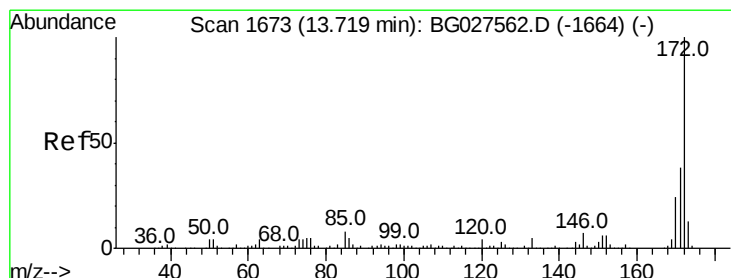
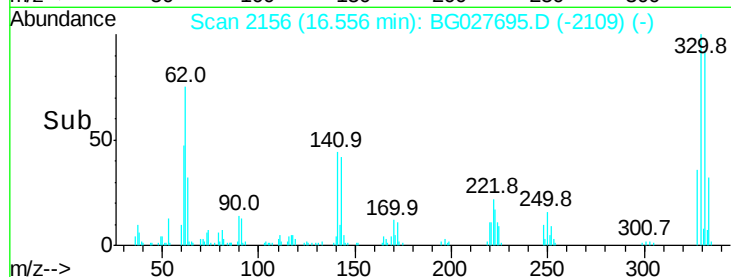
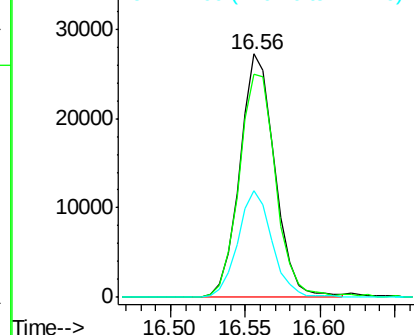
#41
 2,4,6-Tribromophenol
 Concen: 71.80 ng
 RT: 16.56 min Scan# 2156
 Delta R.T. -0.02 min
 Lab File: BG027695.D
 Acq: 27 Jun 2017 9:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	43.1	32.1	48.1

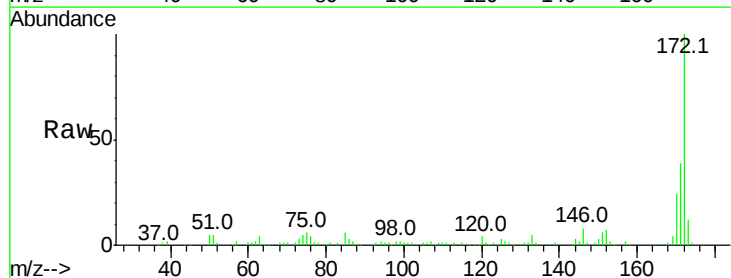


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

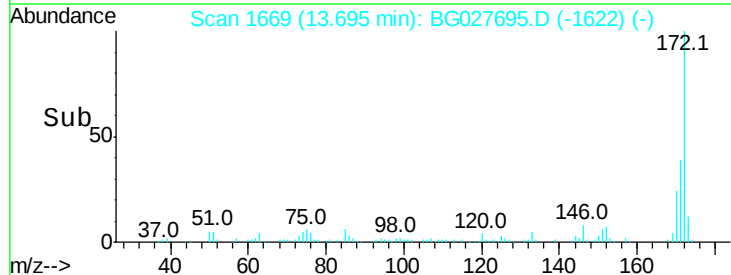
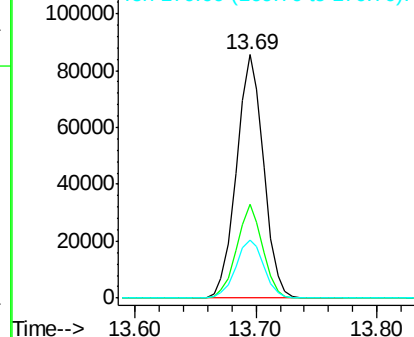


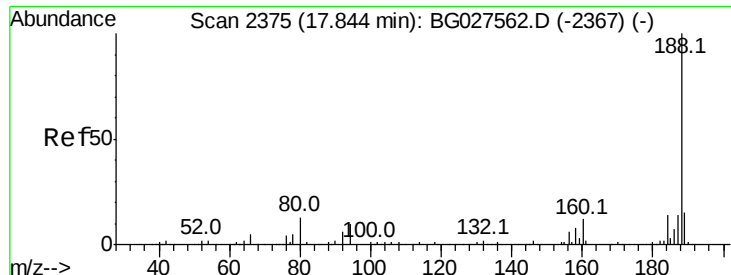
#44
 2-Fluorobiphenyl
 Concen: 44.27 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027695.D
 Acq: 27 Jun 2017 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	23.8	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

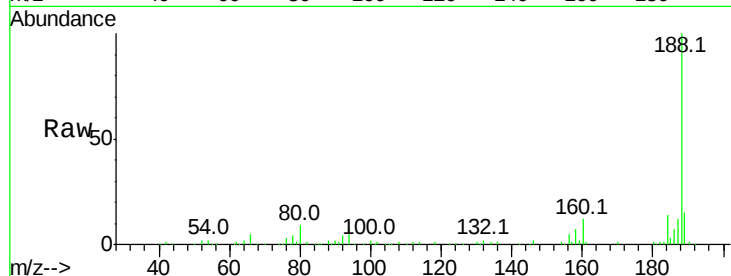




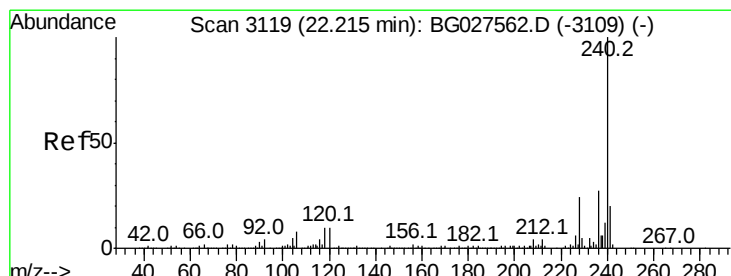
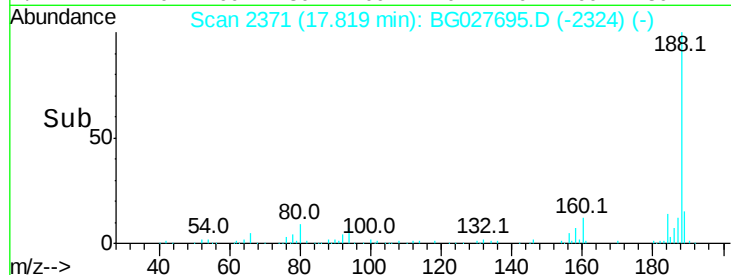
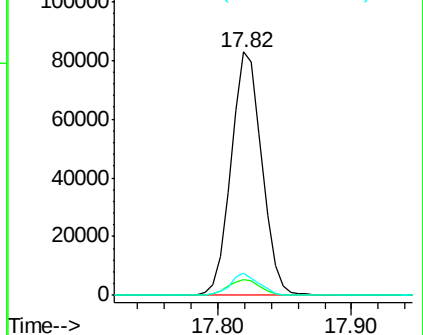
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BG027695.D
 Acq: 27 Jun 2017 9:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 132672
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.8 8.8
 80 9.0 7.5 11.3

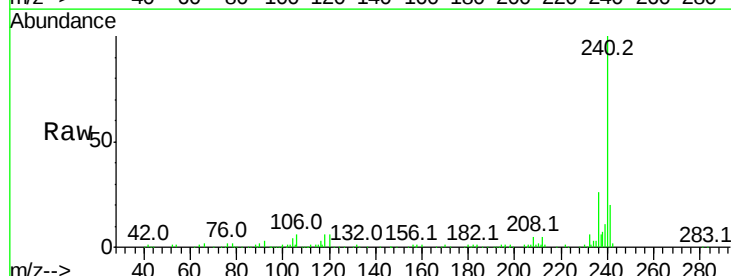


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

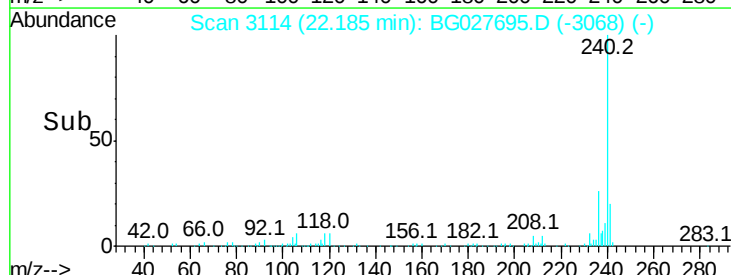
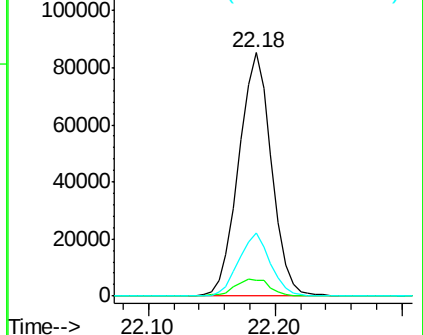


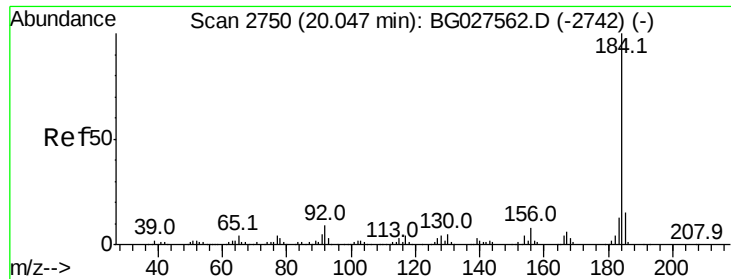
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.18 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG027695.D
 Acq: 27 Jun 2017 9:57

Tgt Ion:240 Resp: 153295
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.7 8.5
 236 25.8 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

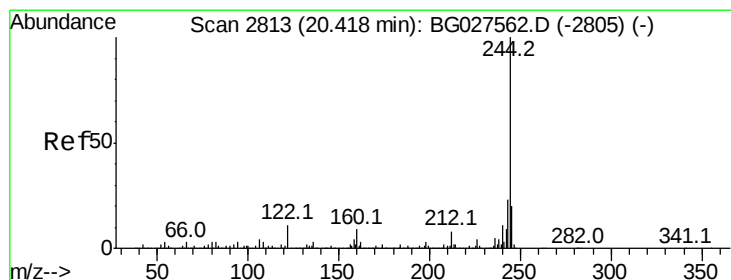
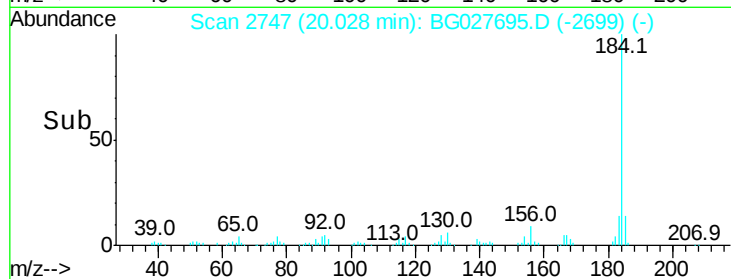
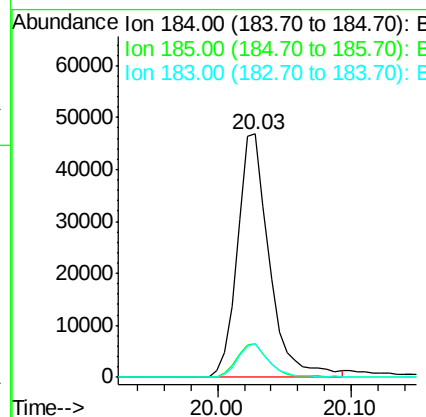
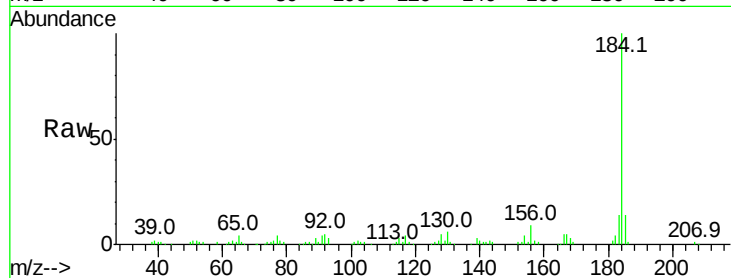




#76
Benzidine
Concen: 20.70 ng
RT: 20.03 min Scan# 2747
Delta R.T. -0.02 min
Lab File: BG027695.D
Acq: 27 Jun 2017 9:57

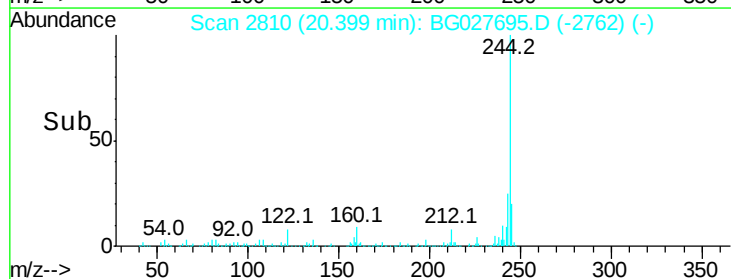
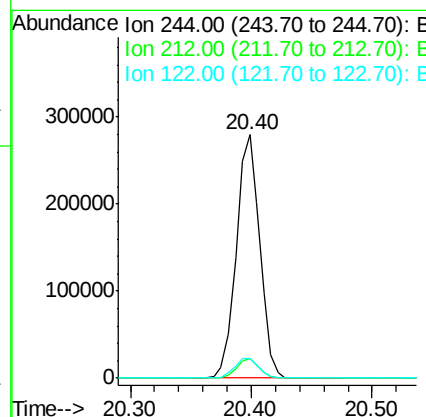
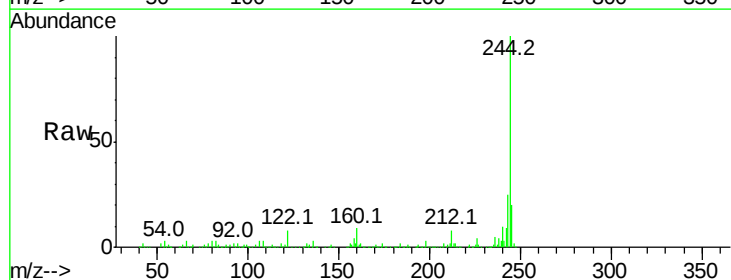
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 77897
Ion Ratio Lower Upper
184 100
185 14.0 13.0 19.6
183 13.8 11.0 16.6



#78
Terphenyl-d14
Concen: 57.81 ng
RT: 20.40 min Scan# 2810
Delta R.T. -0.02 min
Lab File: BG027695.D
Acq: 27 Jun 2017 9:57

Tgt Ion:244 Resp: 376158
Ion Ratio Lower Upper
244 100
212 8.0 10.0 15.0#
122 8.2 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG027695.D
Acq: 27 Jun 2017 9:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	23.1	18.2	27.4

