

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027915.D
 Acq On : 11 Jul 2017 12:19
 Operator : SJ/JU
 Sample : I4078-07RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 13:18:05 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

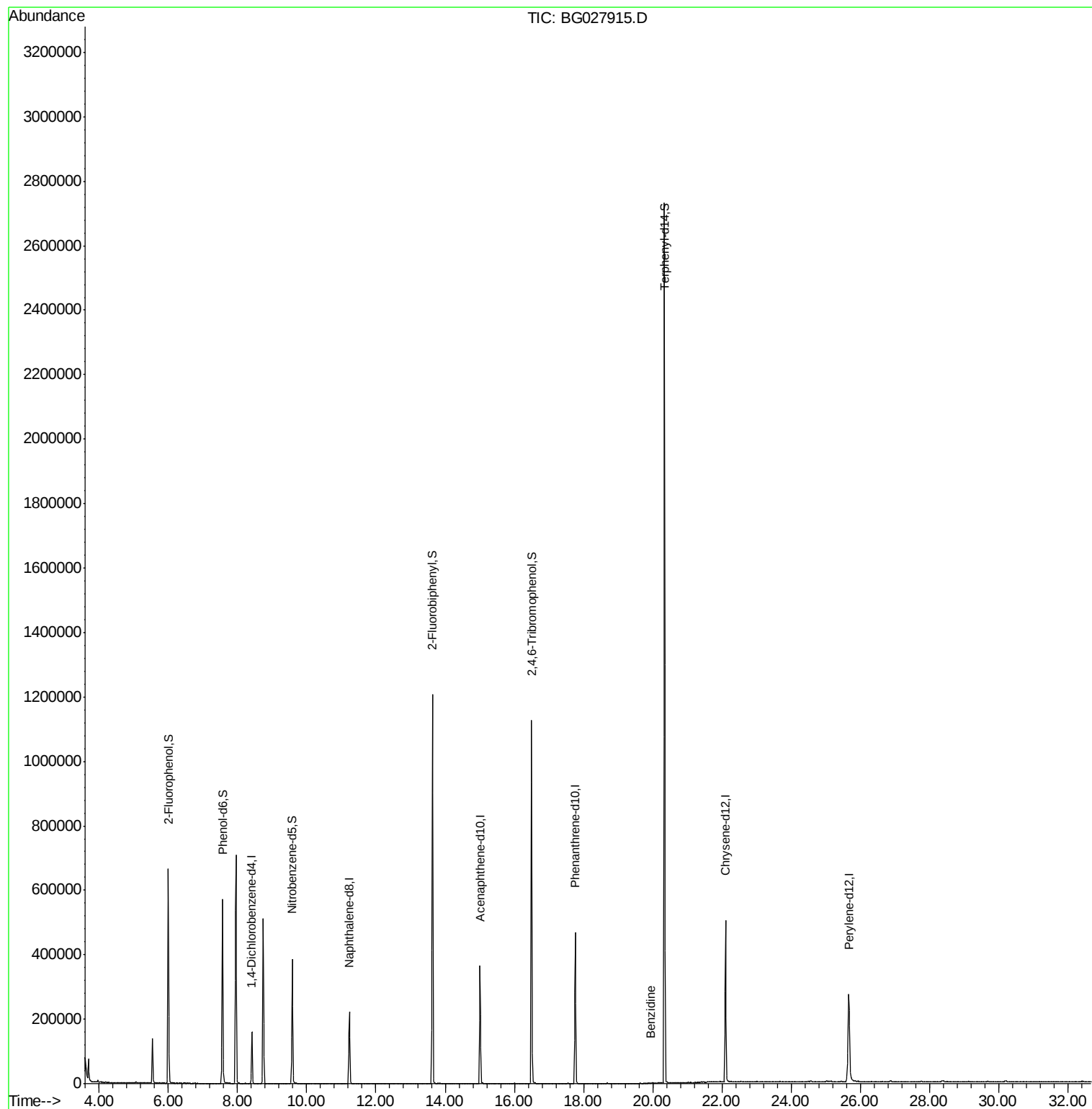
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	54011	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	231631	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	132854	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	316550	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	342768	20.00	ng	-0.03
86) Perylene-d12	25.66	264	331748	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	380855	108.59	ng	0.00
7) Phenol-d6	7.57	99	460246	85.89	ng	0.00
23) Nitrobenzene-d5	9.58	82	275196	66.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	269063	147.66	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	693616	74.56	ng	-0.01
78) Terphenyl-d14	20.34	244	1289898	88.22	ng	-0.01
Target Compounds						
76) Benzidine	19.96	184	131	3.232	ng	Qvalue # 64

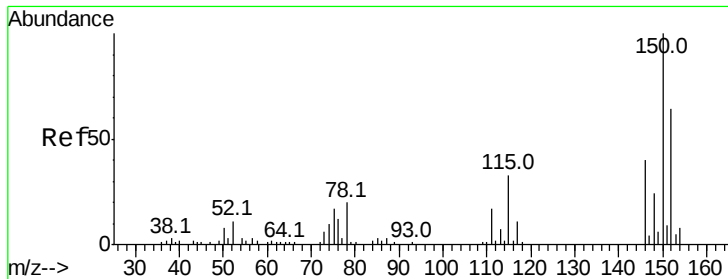
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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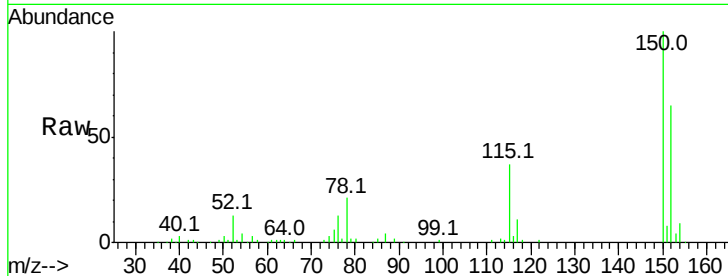


#1

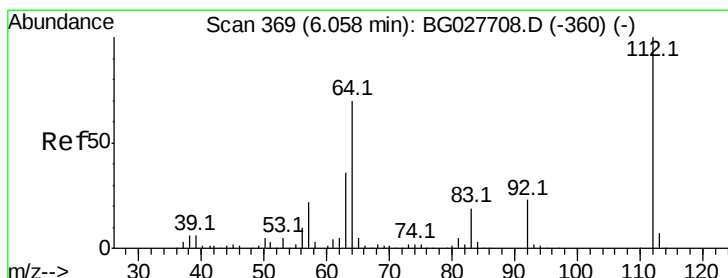
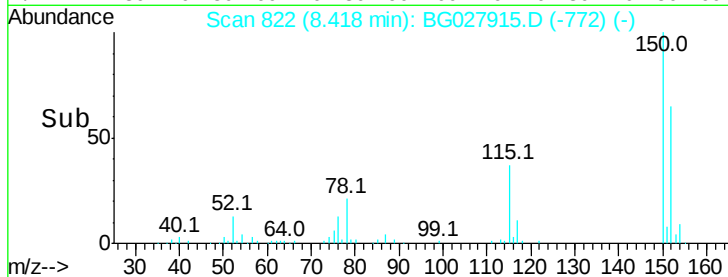
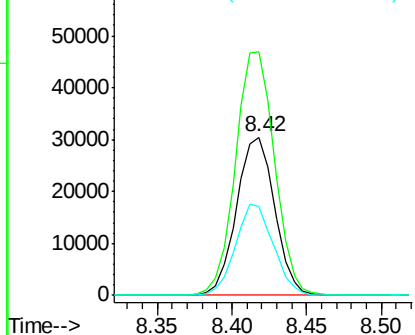
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.42 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 54011
 Ion Ratio Lower Upper
 152 100
 150 153.8 114.0 171.0
 115 56.3 48.1 72.1



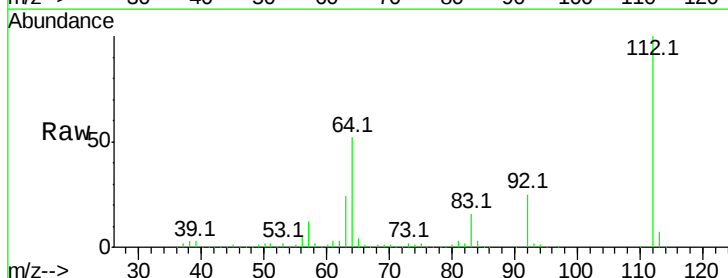
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



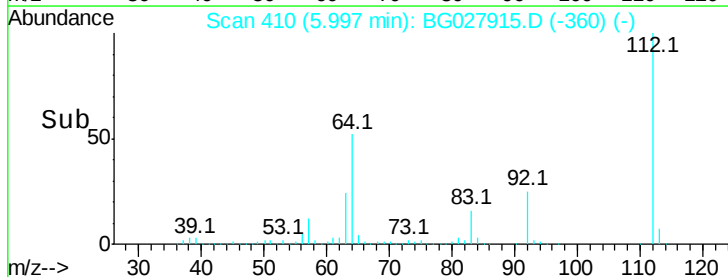
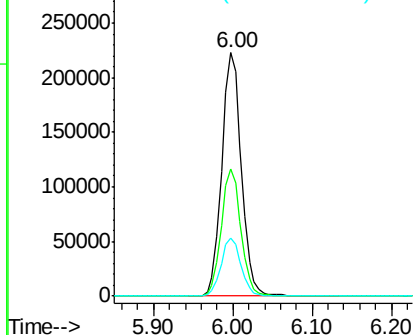
#5

2-Fluorophenol
 Concen: 108.586 ng
 RT: 6.00 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Tgt Ion:112 Resp: 380855
 Ion Ratio Lower Upper
 112 100
 64 52.4 61.8 92.6#
 63 23.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 85.895 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027915.D

Acq: 11 Jul 2017 12:19

Instrument :

BNA_G

ClientSampleId :

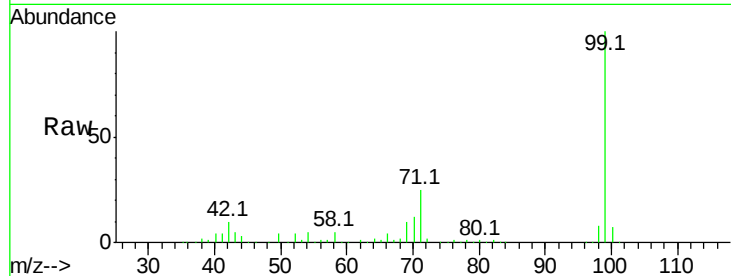
Tot Ion: 99 Resp: 460246

Ion Ratio Lower Upper

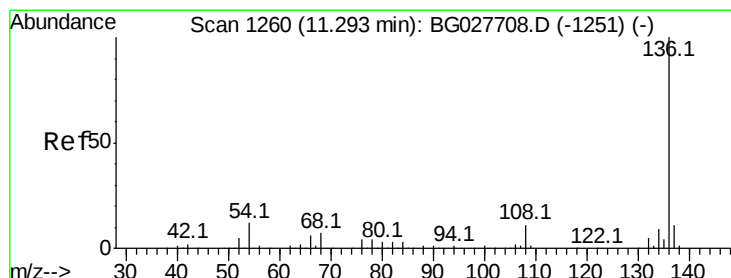
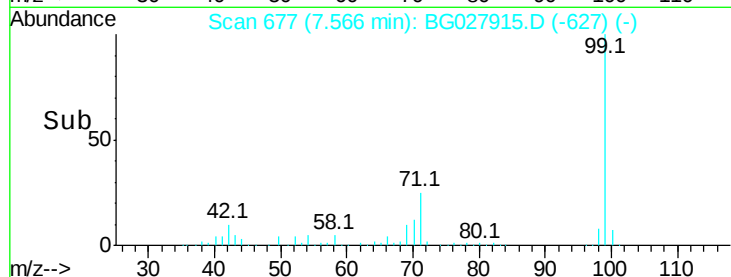
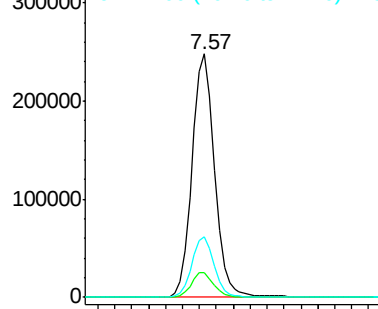
99 100

42 10.2 20.5 30.7#

71 24.9 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: 20.000 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027915.D

Acq: 11 Jul 2017 12:19

Tgt Ion: 136 Resp: 231631

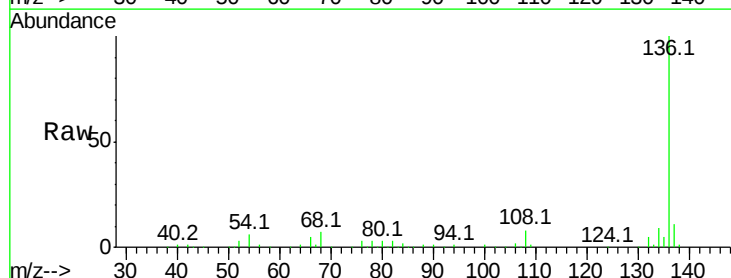
Ion Ratio Lower Upper

136 100

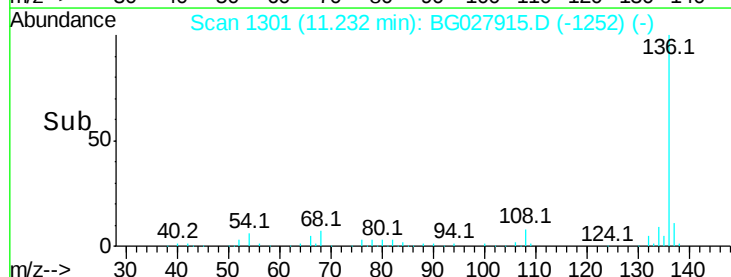
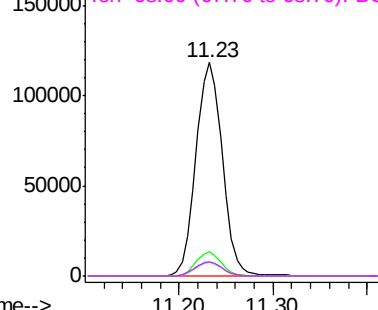
137 11.4 8.9 13.3

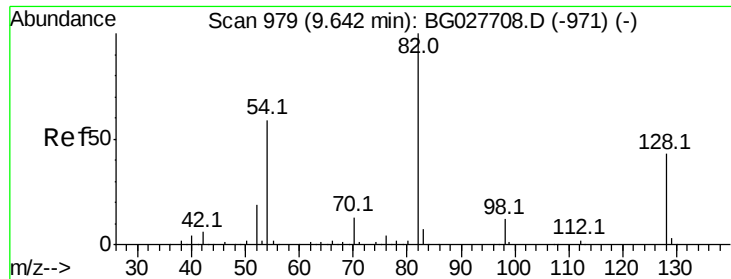
54 6.4 9.3 13.9#

68 6.7 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

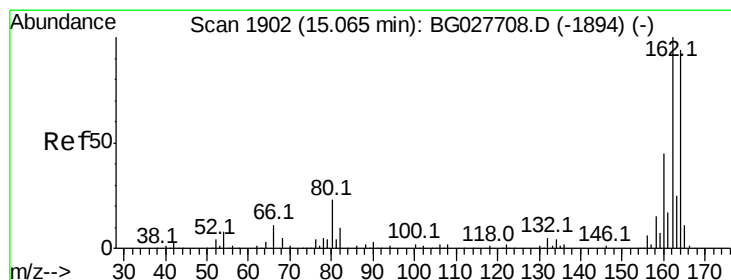
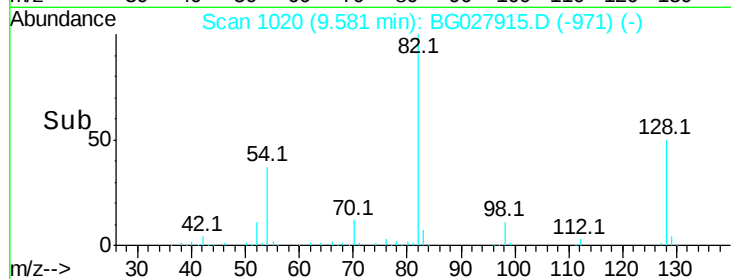
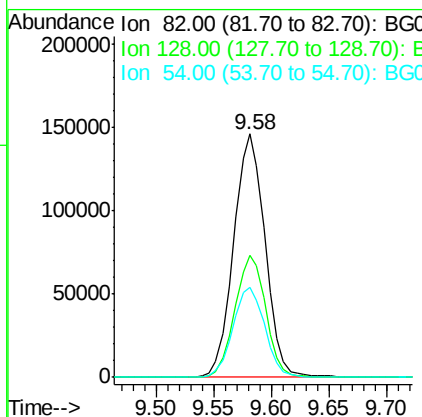
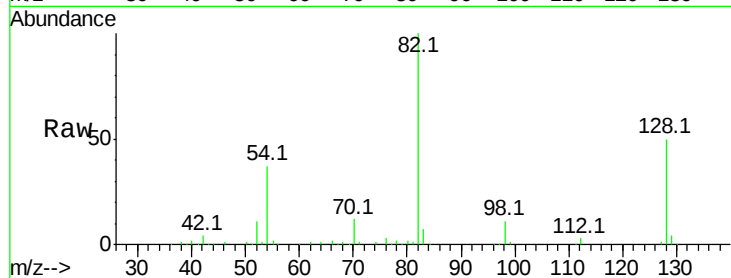




#23
 Nitrobenzene-d5
 Concen: 66.224 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

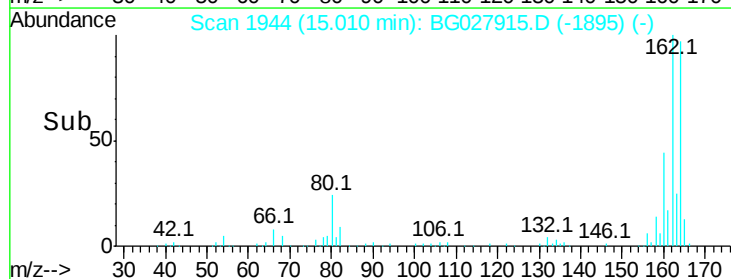
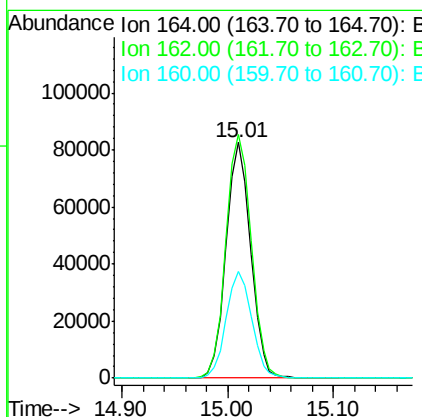
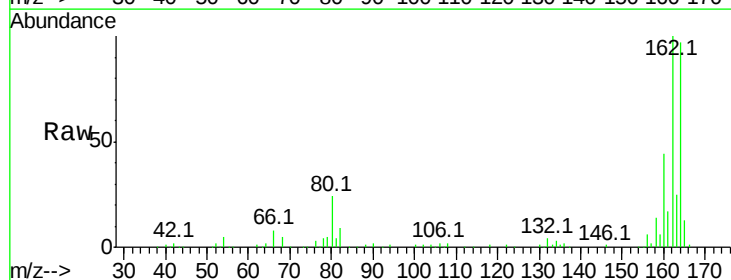
Instrument :
 BNA_G
 ClientSampleId :

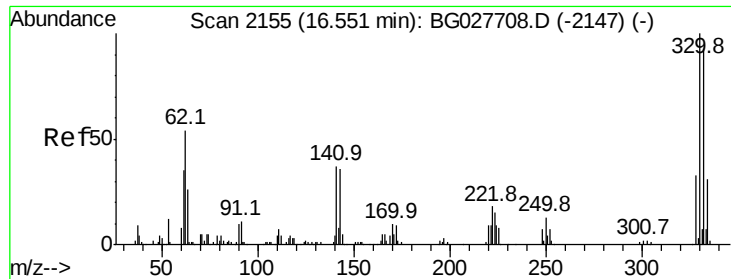
Tot Ion: 82 Resp: 275196
 Ion Ratio Lower Upper
 82 100
 128 49.9 26.4 39.6#
 54 36.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Tgt Ion:164 Resp: 132854
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.1 127.7
 160 45.0 34.7 52.1

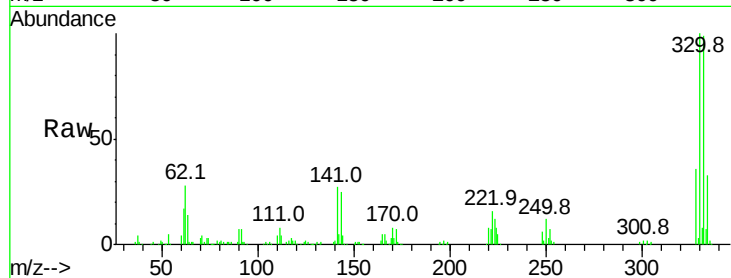




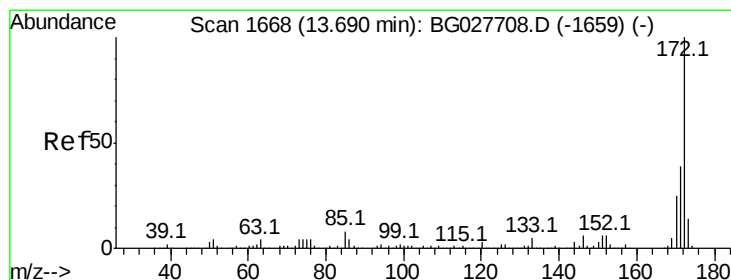
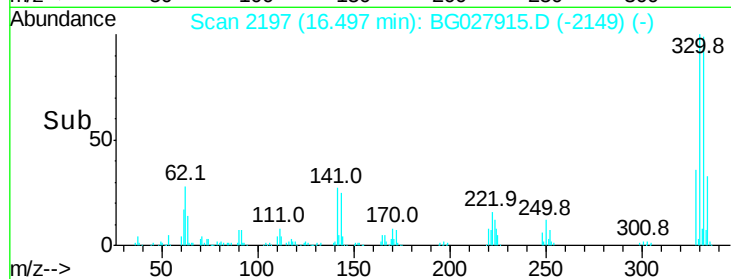
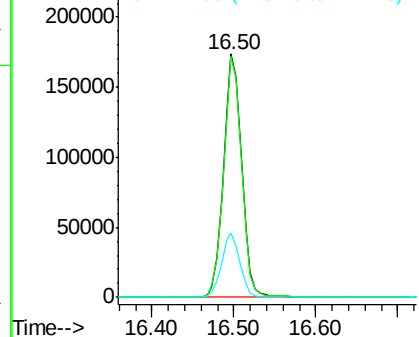
#41
 2,4,6-Tribromophenol
 Concen: 147.655 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	26.9	32.1	48.1#

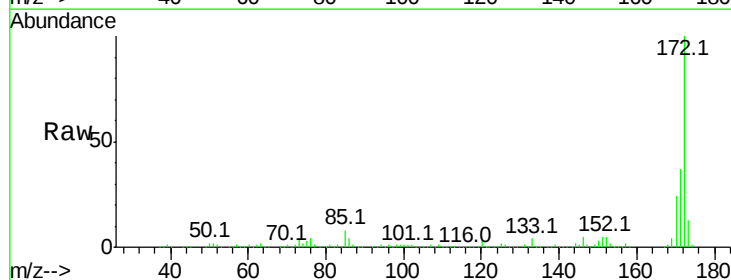


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

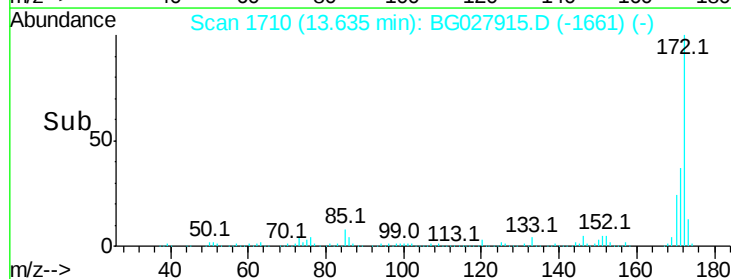
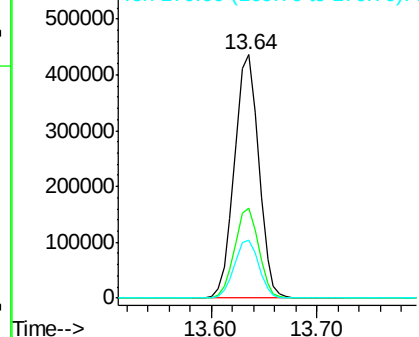


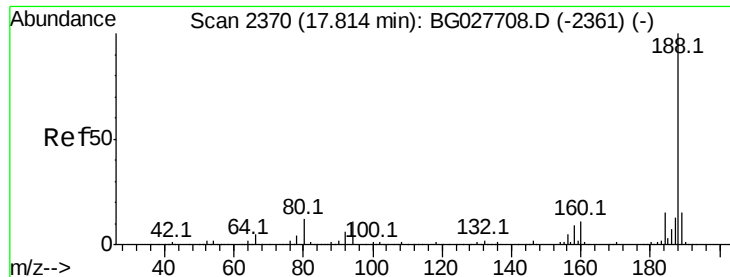
#44
 2-Fluorobiphenyl
 Concen: 74.563 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

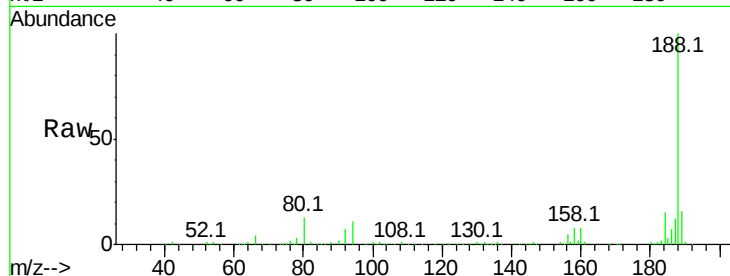




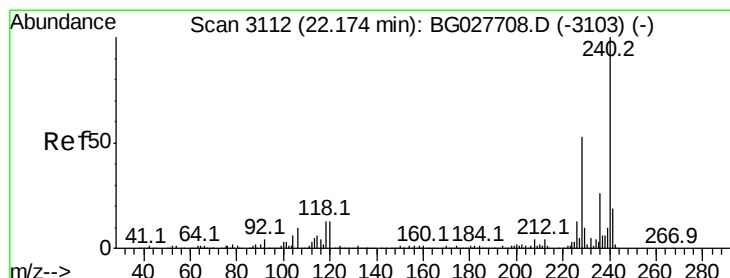
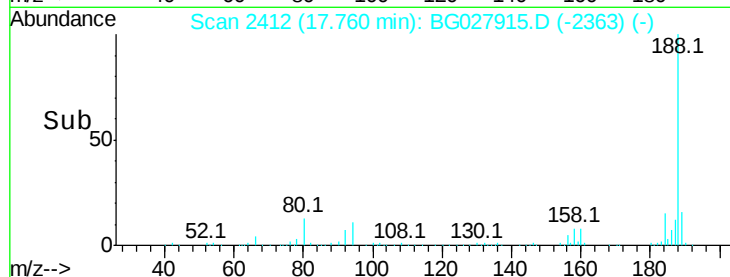
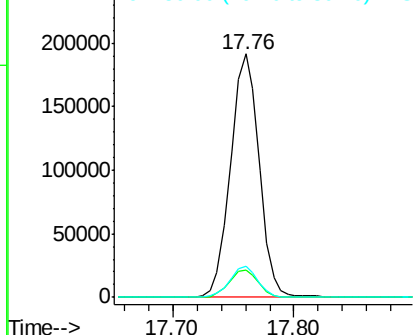
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.76 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 316550
 Ion Ratio Lower Upper
 188 100
 94 11.3 5.8 8.8#
 80 12.6 7.5 11.3#

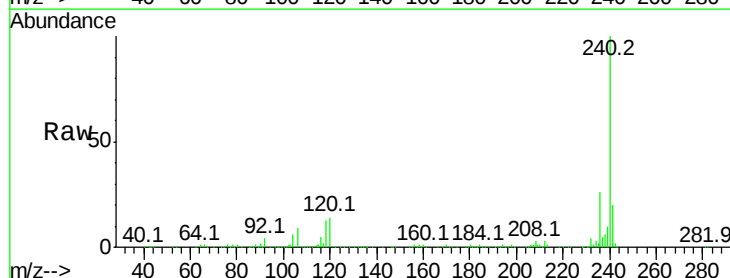


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

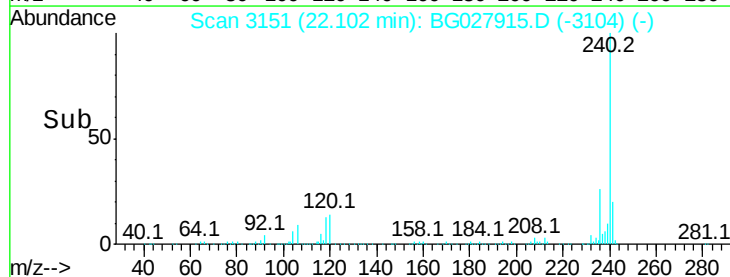
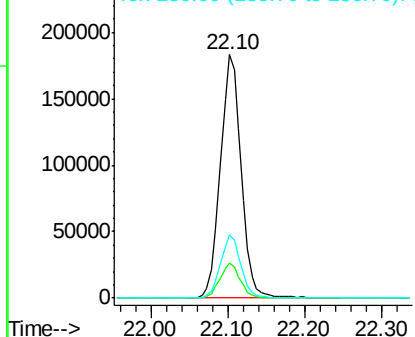


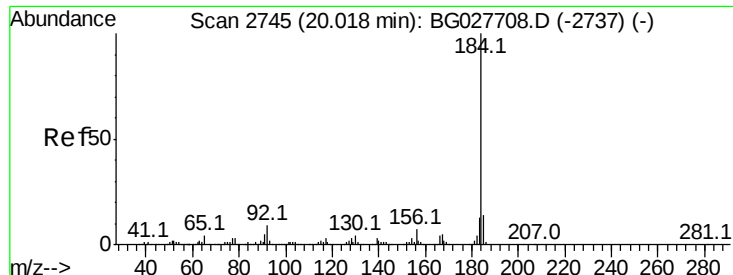
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.10 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

Tgt Ion:240 Resp: 342768
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.7 8.5#
 236 26.1 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: 3.232 ng

RT: 19.96 min Scan# 2786

Delta R.T. -0.03 min

Lab File: BG027915.D

Acq: 11 Jul 2017 12:19

Instrument :

BNA_G

ClientSampleId :

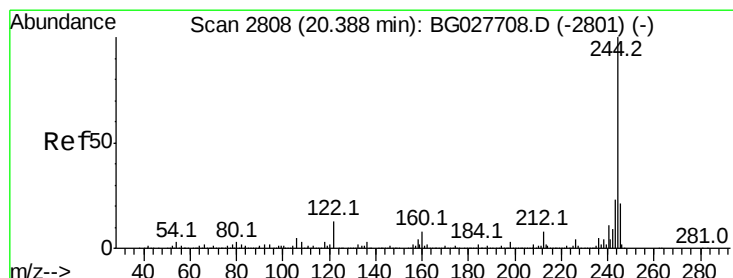
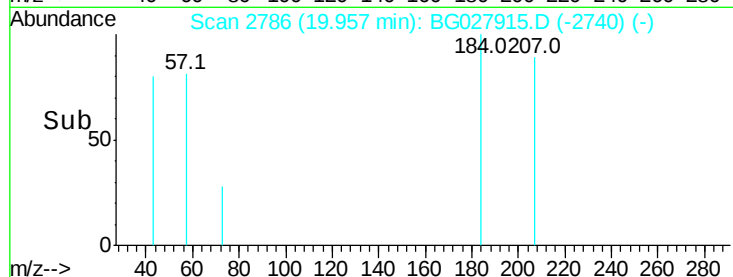
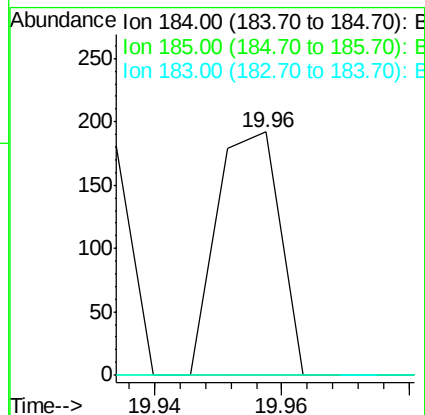
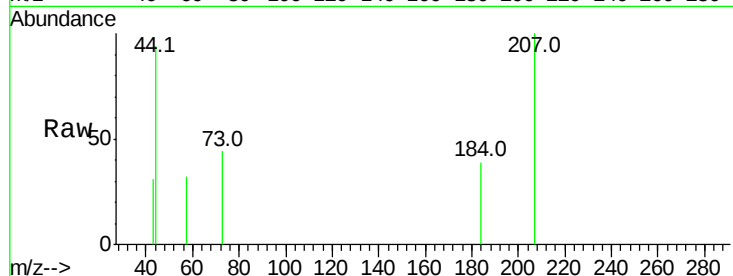
Tot Ion:184 Resp: 131

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

183 0.0 11.0 16.6#



#78

Terphenyl-d14

Concen: 88.223 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027915.D

Acq: 11 Jul 2017 12:19

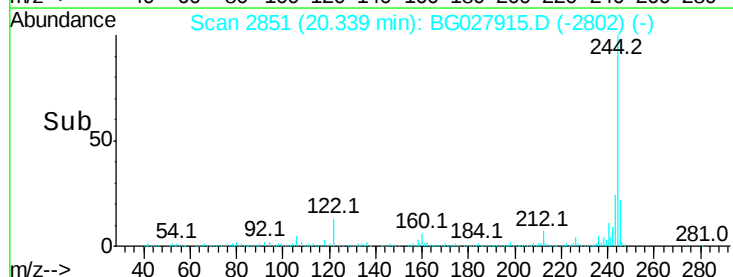
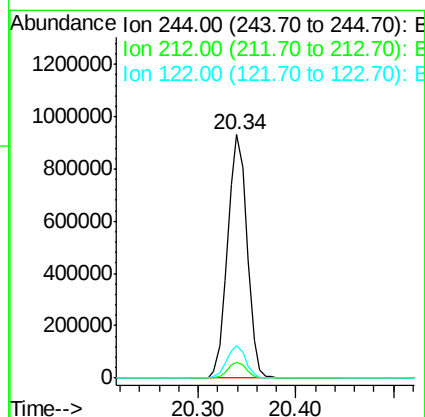
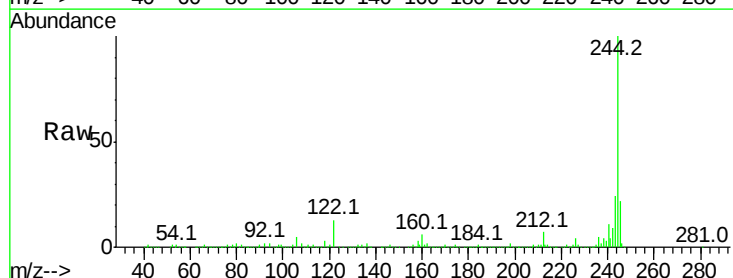
Tgt Ion:244 Resp: 1289898

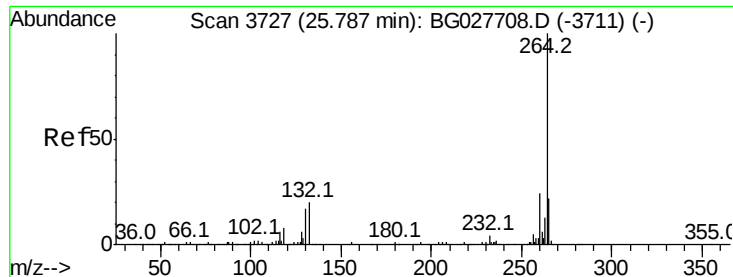
Ion Ratio Lower Upper

244 100

212 6.5 10.0 15.0#

122 13.2 8.6 12.8#

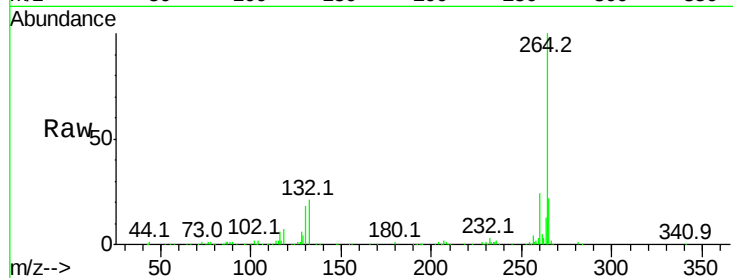




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.66 min Scan# 3757
 Delta R.T. -0.04 min
 Lab File: BG027915.D
 Acq: 11 Jul 2017 12:19

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



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

