

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027875.D
 Acq On : 7 Jul 2017 19:19
 Operator : SJ/JU
 Sample : I4063-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 02:12:30 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

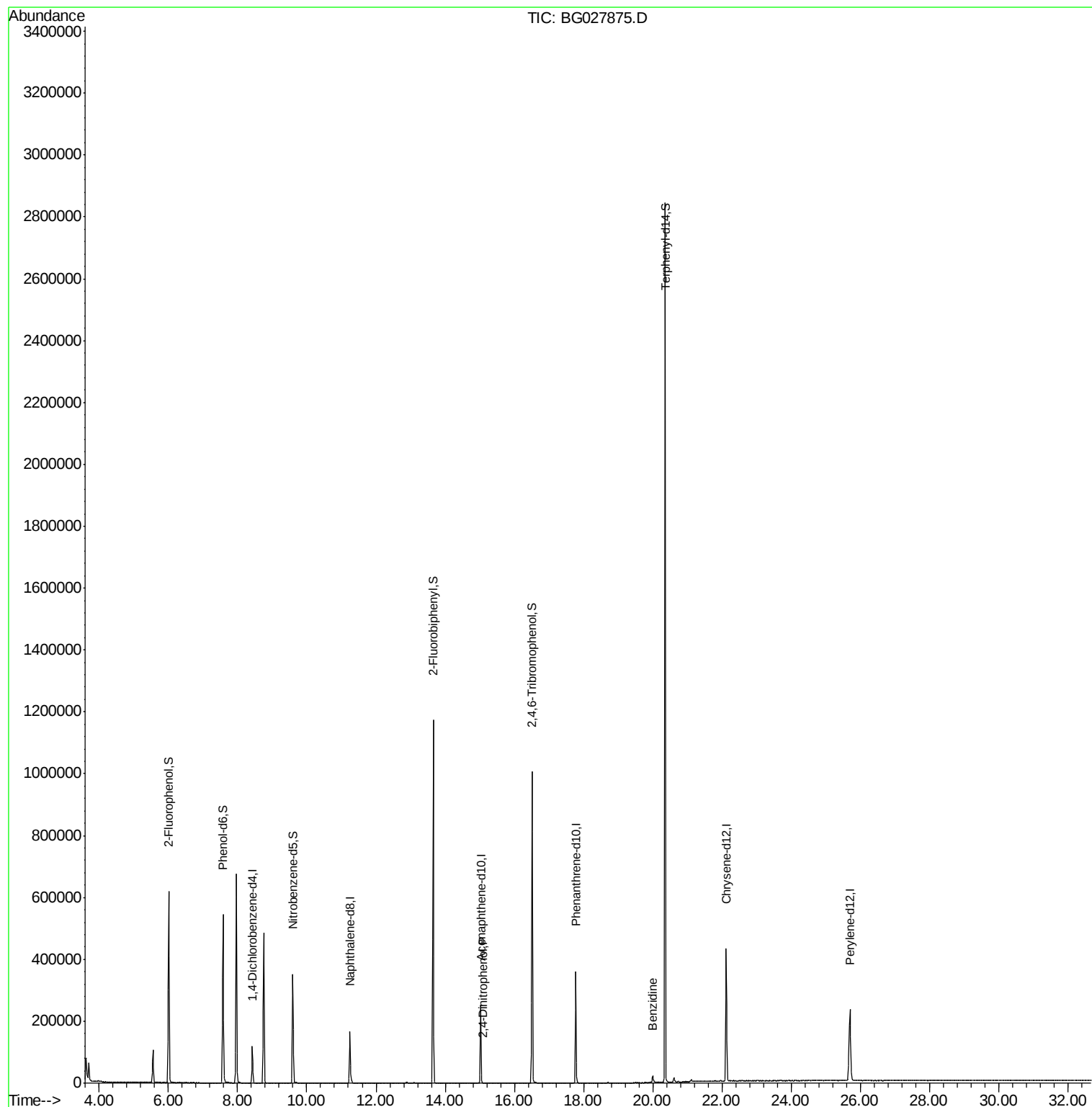
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	38268	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	168629	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	91779	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	230698	20.00	ng	0.00
75) Chrysene-d12	22.12	240	275202	20.00	ng	0.00
86) Perylene-d12	25.70	264	262595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	351024	141.25	ng	0.00
7) Phenol-d6	7.58	99	440065	115.92	ng	0.00
23) Nitrobenzene-d5	9.59	82	260684	86.17	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	235511	187.08	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	678273	105.55	ng	0.00
78) Terphenyl-d14	20.36	244	1288986	109.81	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	15.10	184	62	8.63	ng	# 15
76) Benzidine	20.00	184	25706	6.88	ng	# 92

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

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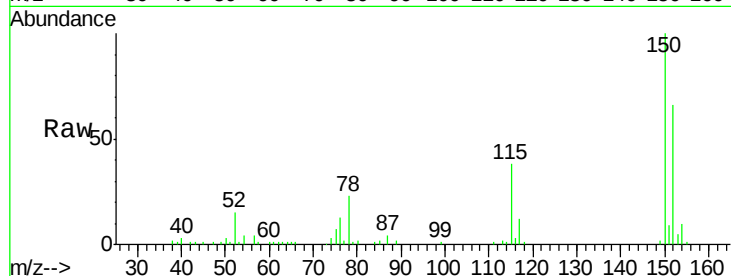


#1

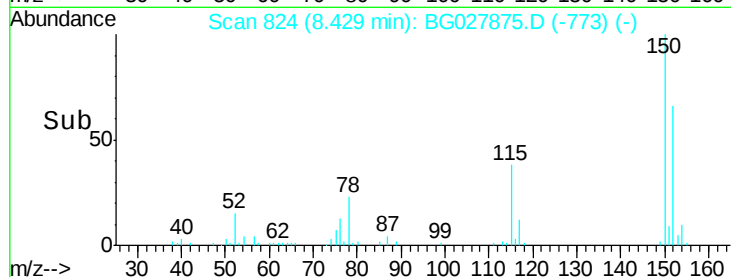
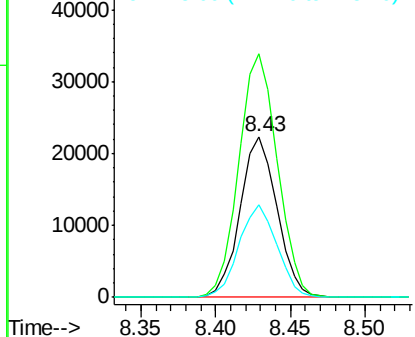
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027875.D
Acq: 7 Jul 2017 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38268
Ion Ratio Lower Upper
152 100
150 151.8 114.0 171.0
115 57.4 48.1 72.1



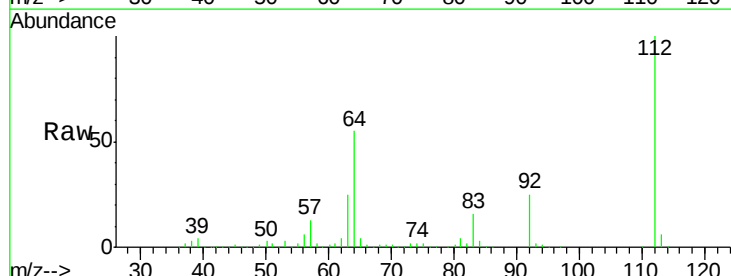
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



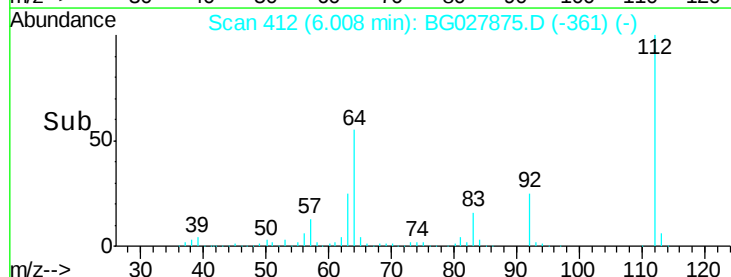
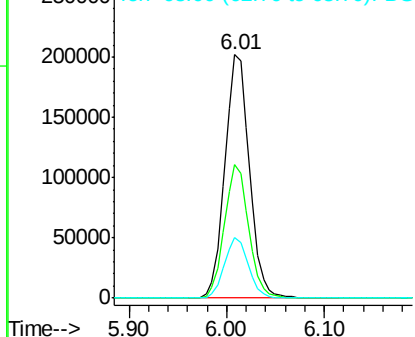
#5

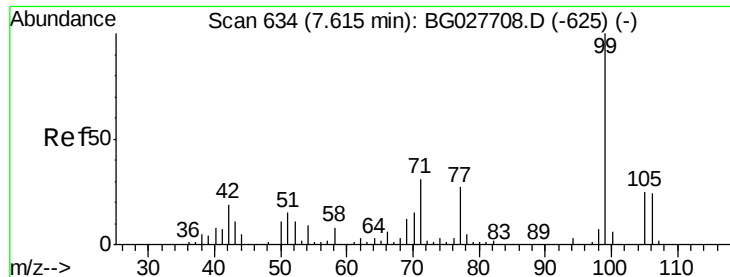
2-Fluorophenol
Concen: 141.25 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027875.D
Acq: 7 Jul 2017 19:19

Tgt Ion:112 Resp: 351024
Ion Ratio Lower Upper
112 100
64 55.1 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: 115.92 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

Instrument :

BNA_G

ClientSampleId :

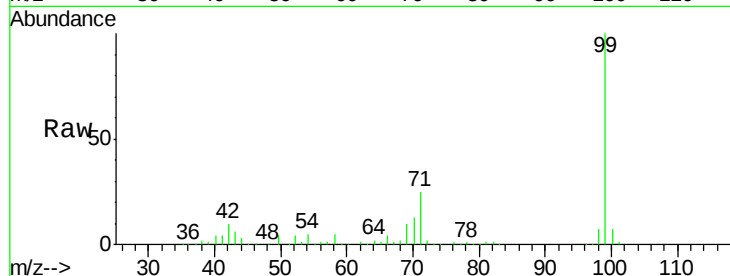
Tot Ion: 99 Resp: 440065

Ion Ratio Lower Upper

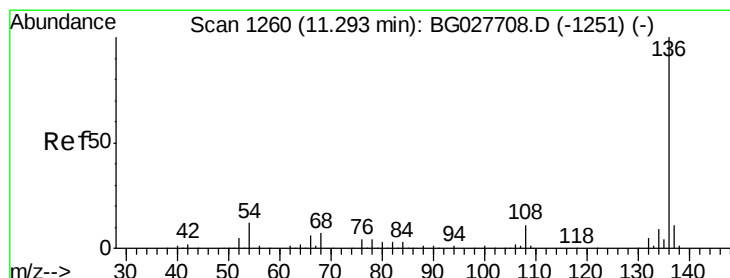
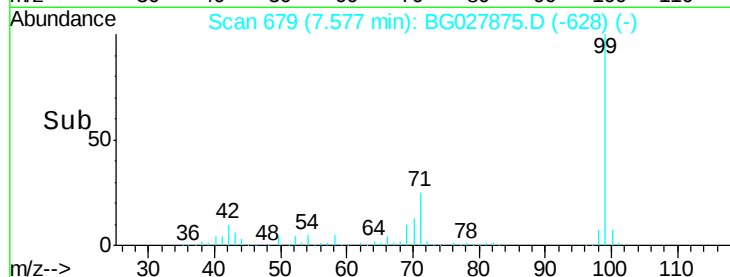
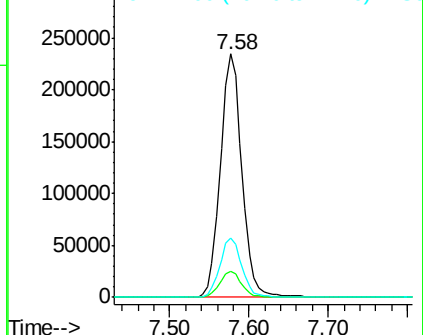
99 100

42 10.4 20.5 30.7#

71 24.5 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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

Tgt Ion: 136 Resp: 168629

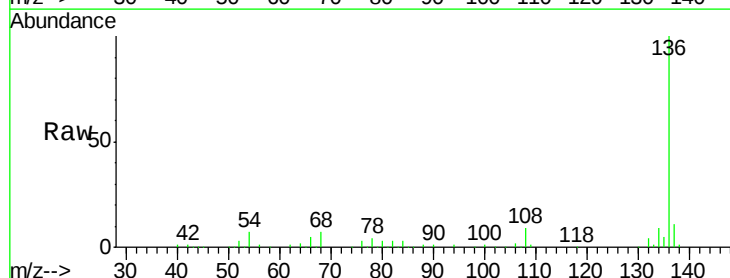
Ion Ratio Lower Upper

136 100

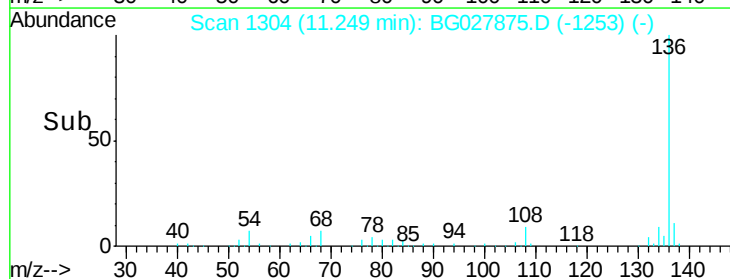
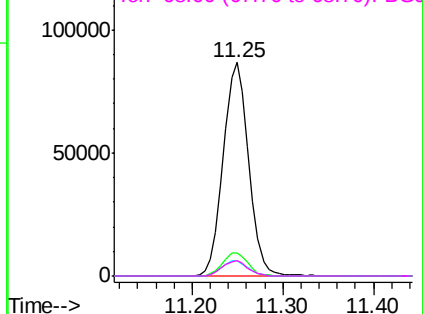
137 10.6 8.9 13.3

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

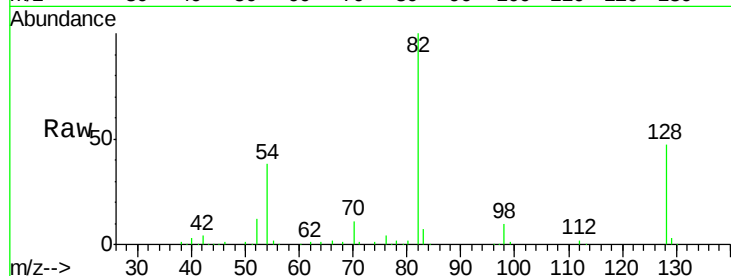




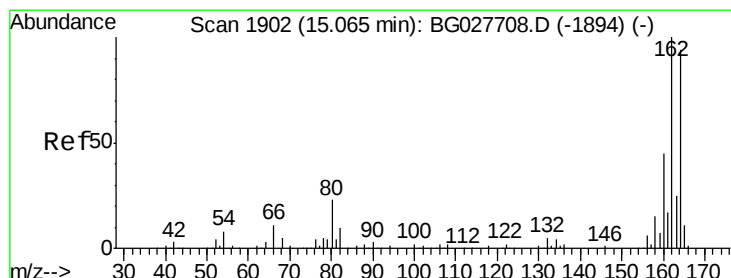
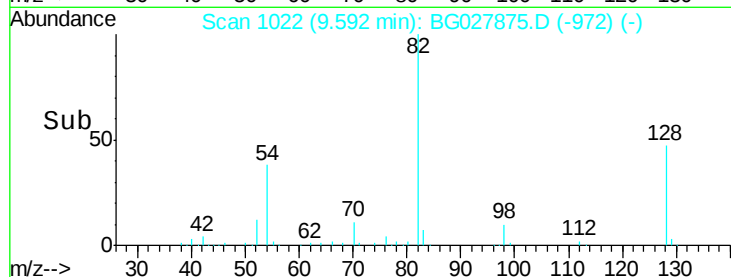
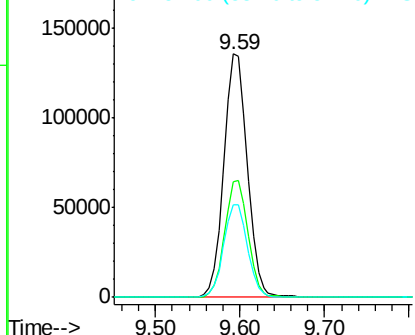
#23
 Nitrobenzene-d5
 Concen: 86.17 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027875.D
 Acq: 7 Jul 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 260684
 Ion Ratio Lower Upper
 82 100
 128 47.4 26.4 39.6#
 54 38.1 49.4 74.2#

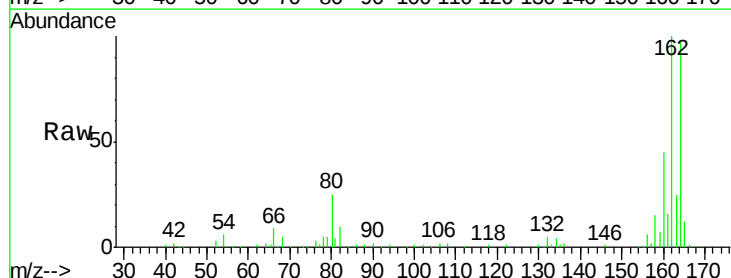


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

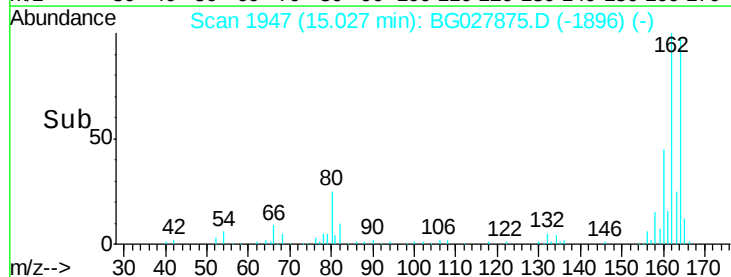
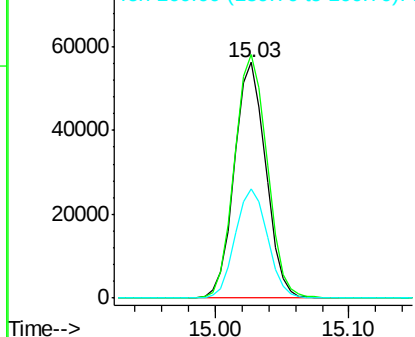


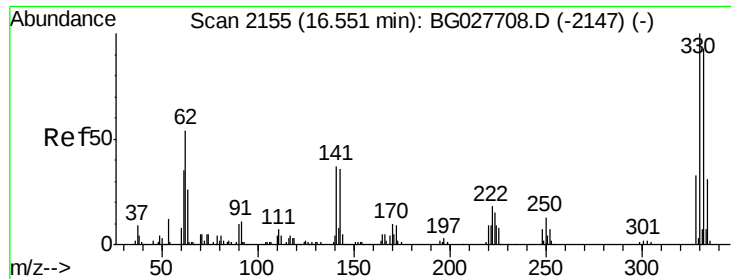
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG027875.D
 Acq: 7 Jul 2017 19:19

Tgt Ion:164 Resp: 91779
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 46.3 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: 187.08 ng

RT: 16.51 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

Instrument :

BNA_G

ClientSampleId :

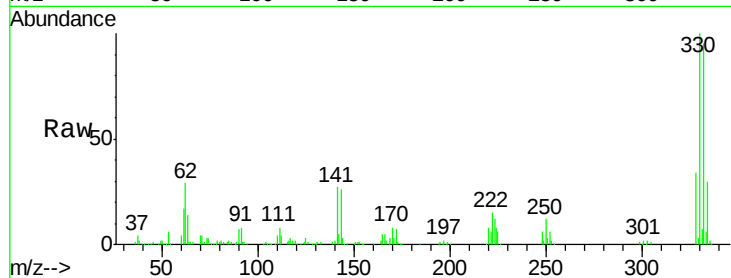
Tot Ion:330 Resp: 235511

Ion Ratio Lower Upper

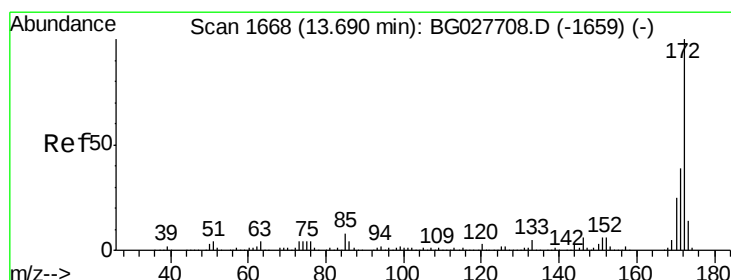
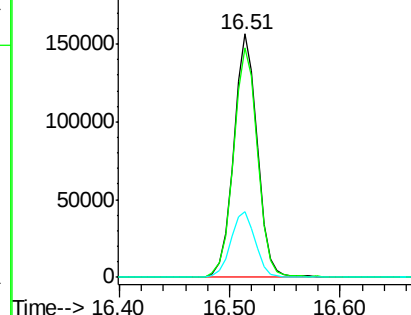
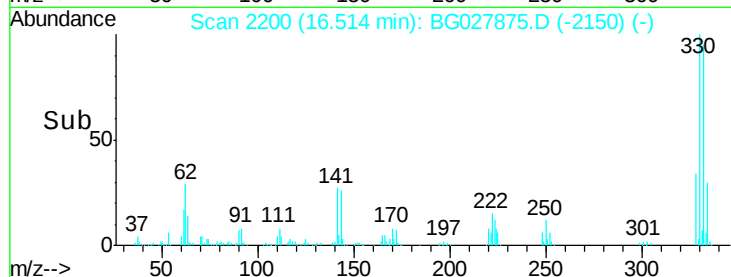
330 100

332 96.3 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: 105.55 ng

RT: 13.65 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

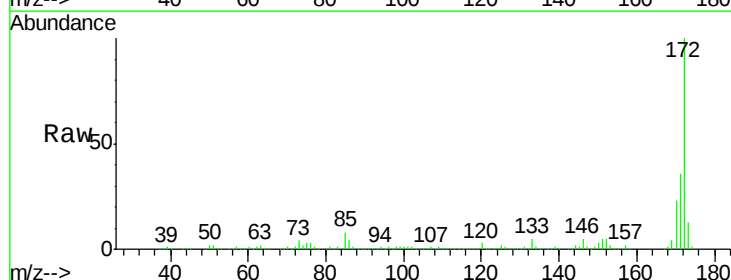
Tgt Ion:172 Resp: 678273

Ion Ratio Lower Upper

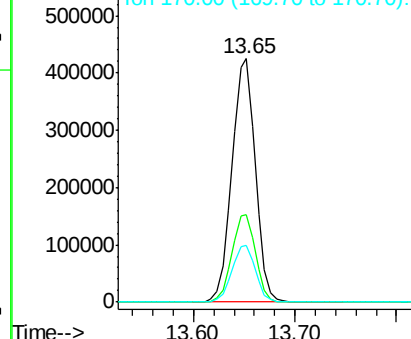
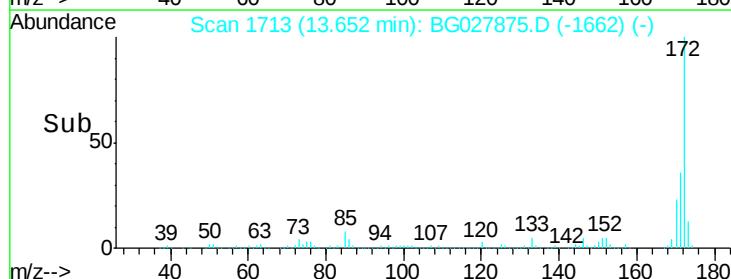
172 100

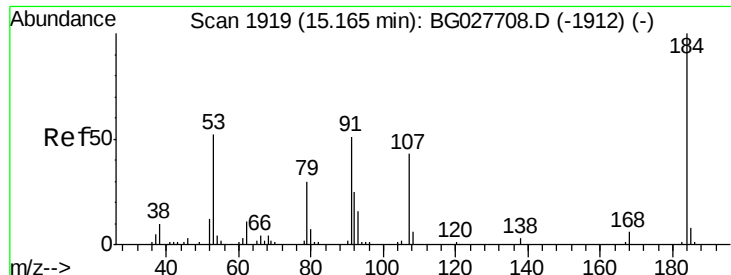
171 36.1 32.2 48.2

170 23.4 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

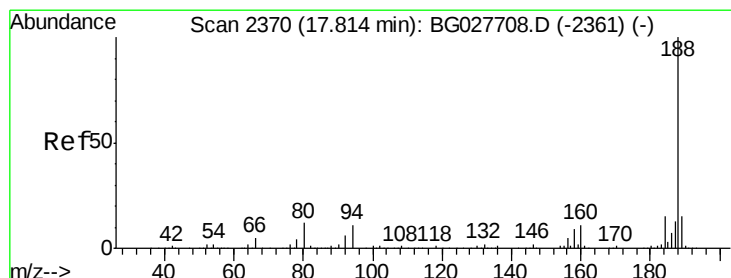
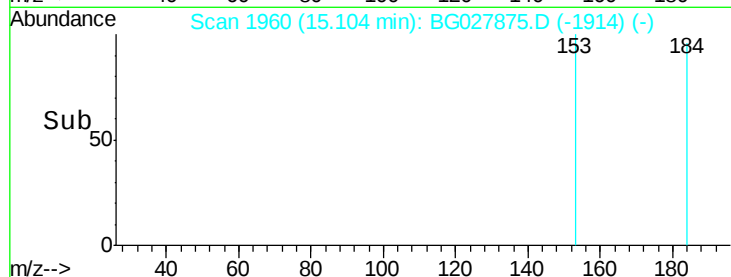
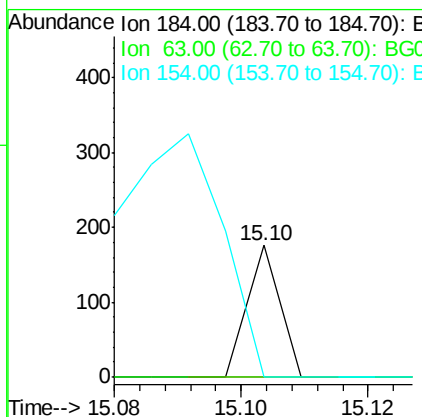
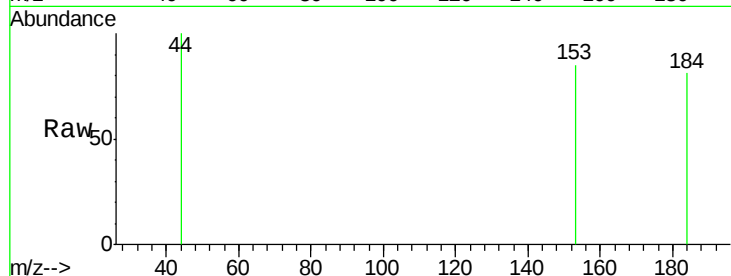




#53
 2,4-Dinitrophenol
 Concen: 8.63 ng
 RT: 15.10 min Scan# 1960
 Delta R.T. -0.03 min
 Lab File: BG027875.D
 Acq: 7 Jul 2017 19:19

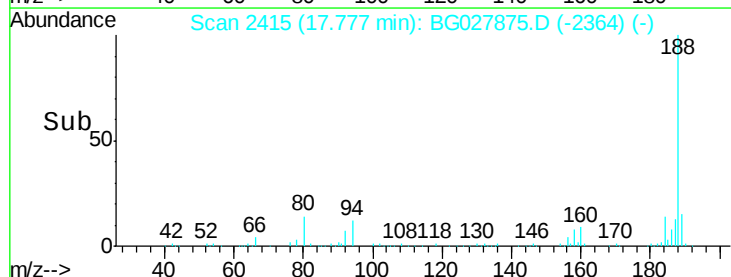
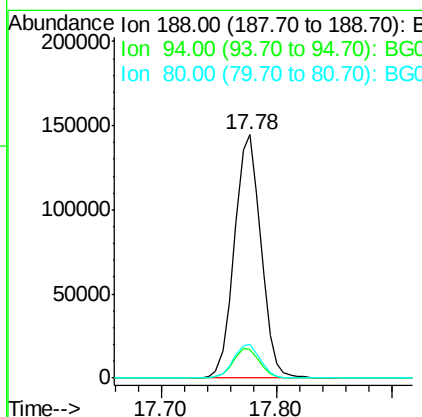
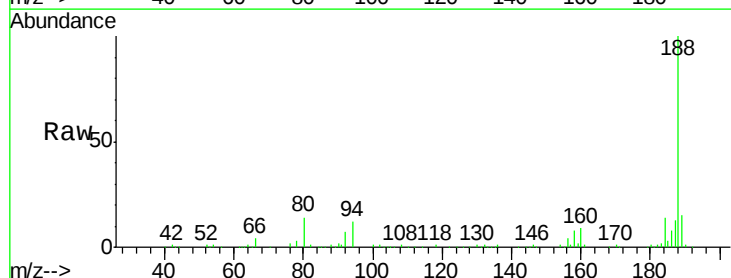
Instrument :
 BNA_G
 ClientSampled :

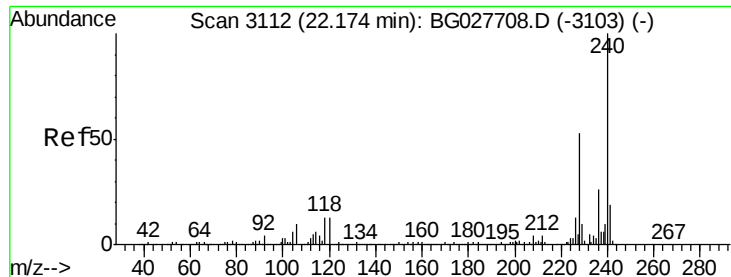
Tot Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.78 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG027875.D
 Acq: 7 Jul 2017 19:19

Tgt Ion:188 Resp: 230698
 Ion Ratio Lower Upper
 188 100
 94 11.8 5.8 8.8#
 80 13.7 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.12 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

Instrument :

BNA_G

ClientSampleId :

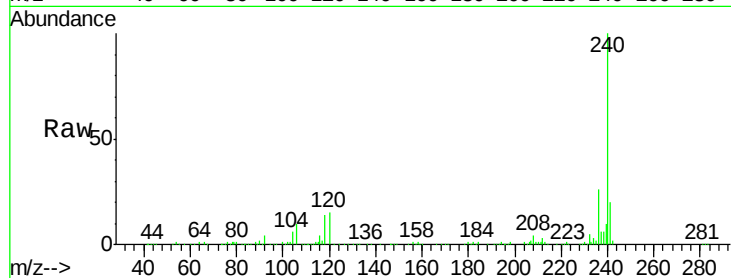
Tot Ion:240 Resp: 275202

Ion Ratio Lower Upper

240 100

120 14.6 5.7 8.5#

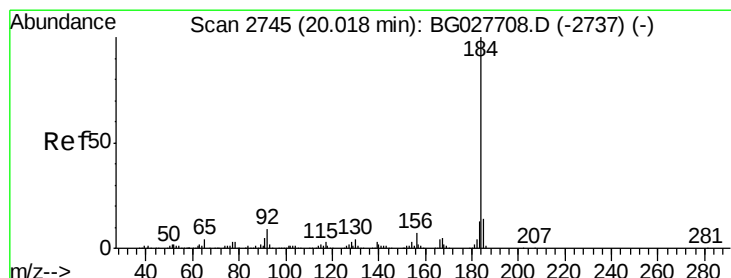
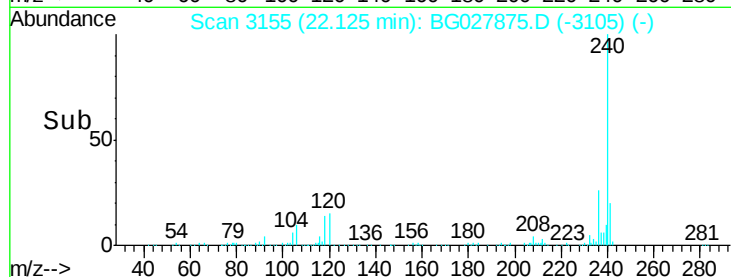
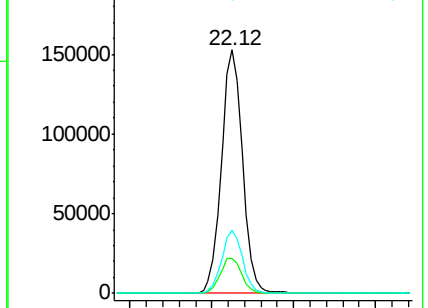
236 25.9 22.2 33.4



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: 6.88 ng

RT: 20.00 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

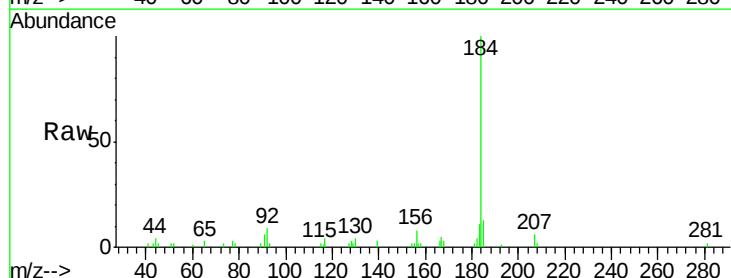
Tgt Ion:184 Resp: 25706

Ion Ratio Lower Upper

184 100

185 13.0 13.0 19.6#

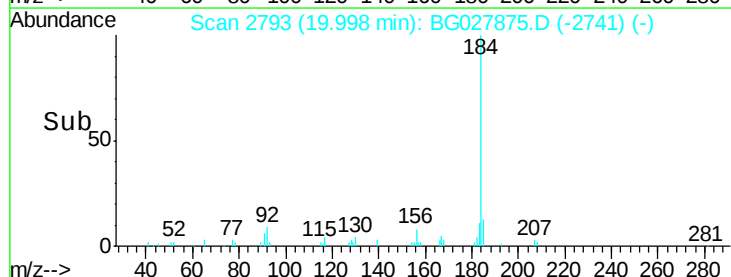
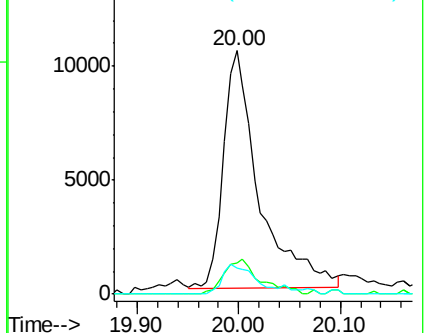
183 10.6 11.0 16.6#

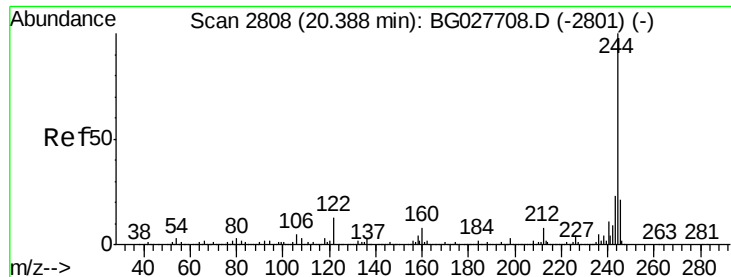


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 109.81 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

Instrument :

BNA_G

ClientSampleId :

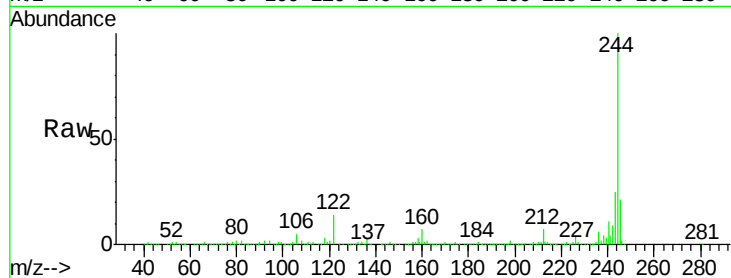
Tot Ion:244 Resp: 1288986

Ion Ratio Lower Upper

244 100

212 6.7 10.0 15.0#

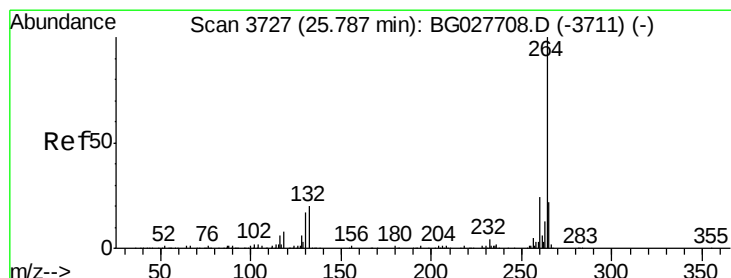
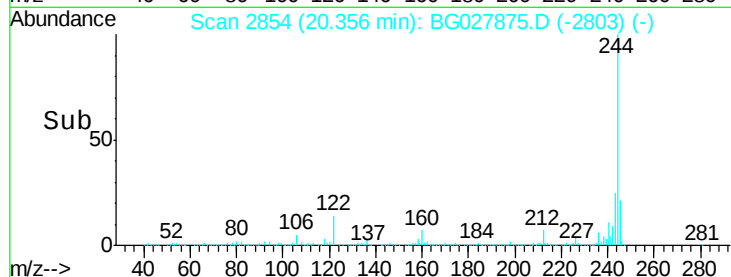
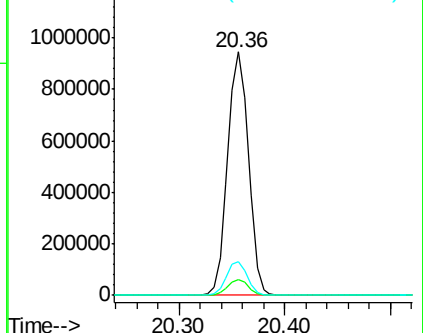
122 14.1 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.70 min Scan# 3763

Delta R.T. -0.00 min

Lab File: BG027875.D

Acq: 7 Jul 2017 19:19

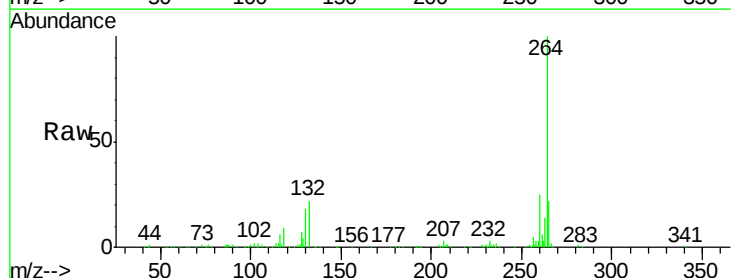
Tgt Ion:264 Resp: 262595

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 21.9 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

