

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032620.D
 Acq On : 8 Feb 2018 21:12
 Operator : SJ/JU
 Sample : J1473-28
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 02:37:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

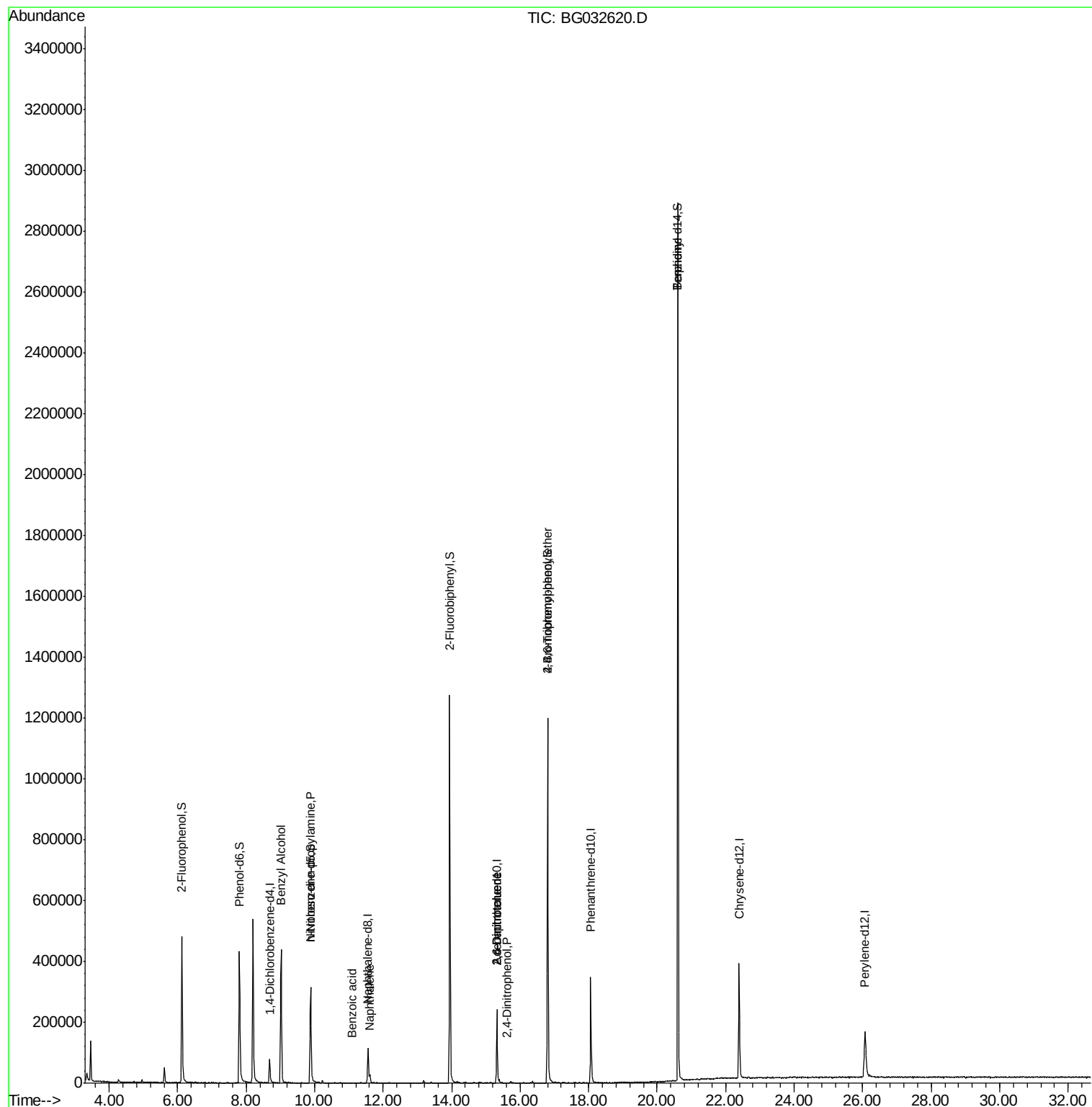
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	29187	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	124985	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	96063	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	266909	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	316618	20.00	ng	-0.01
86) Perylene-d12	26.07	264	183575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	244034	167.94	ng	-0.02
7) Phenol-d6	7.80	99	282475	145.67	ng	-0.02
23) Nitrobenzene-d5	9.88	82	223187	111.54	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	276459	151.19	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	794498	98.30	ng	-0.02
78) Terphenyl-d14	20.61	244	1546578	104.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.02	79	4223	2.64	ng	# 51
19) n-Nitroso-di-n-propylamine	9.88	70	31357	24.39	ng	# 77
31) Naphthalene	11.61	128	21976	3.60	ng	# 93
32) Benzoic acid	11.08	122	77	7.34	ng	# 1
50) 2,6-Dinitrotoluene	15.32	165	11923	6.41	ng	# 20
53) 2,4-Dinitrophenol	15.62	184	72	4.16	ng	# 1
56) 2,4-Dinitrotoluene	15.32	165	11922	4.50	ng	# 18
66) 4-Bromophenyl-phenylether	16.80	248	24155	6.11	ng	# 1
76) Benzidine	20.61	184	24613	3.96	ng	# 91

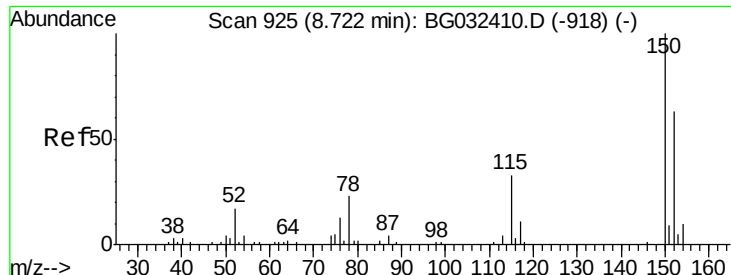
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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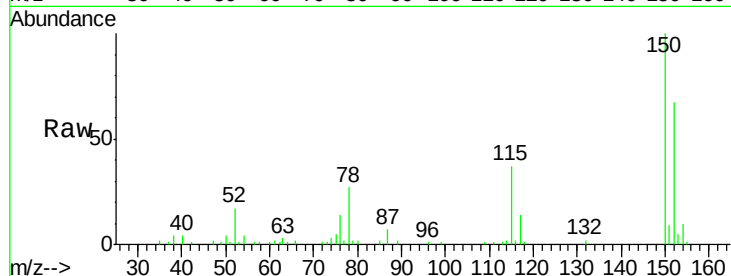


#1

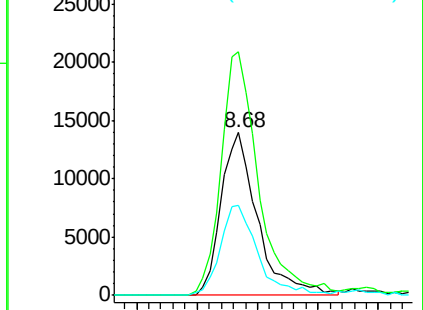
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

Instrument :
BNA_G
ClientSampleId :

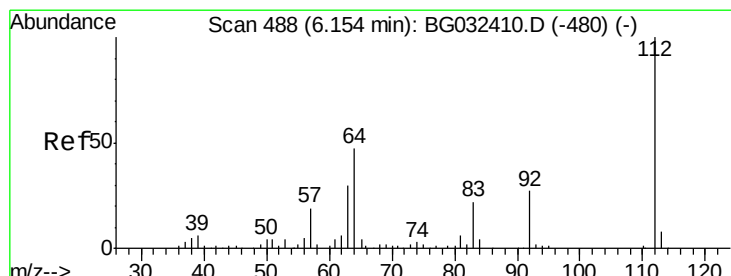
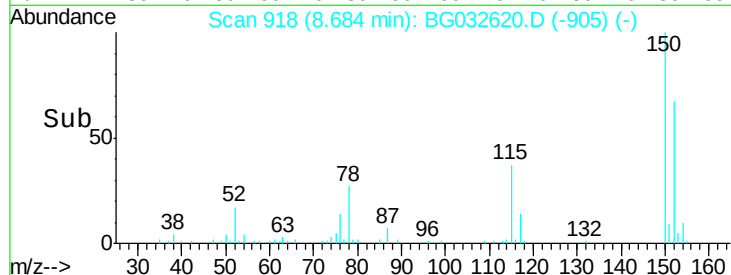
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	126.6	189.8
115	55.7	53.0	79.4



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



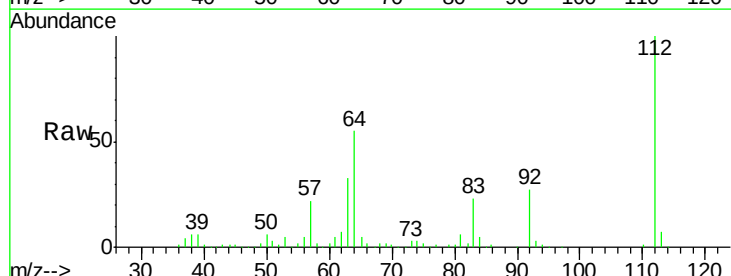
Time-->



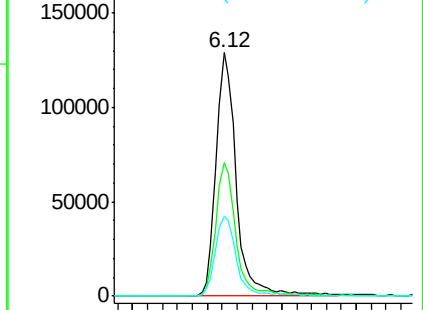
#5

2-Fluorophenol
Concen: 167.94 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

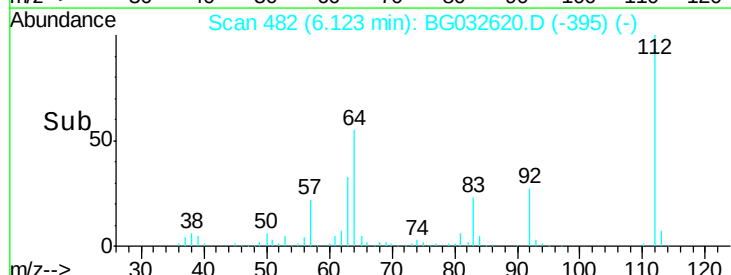
Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	33.0	30.1	45.1

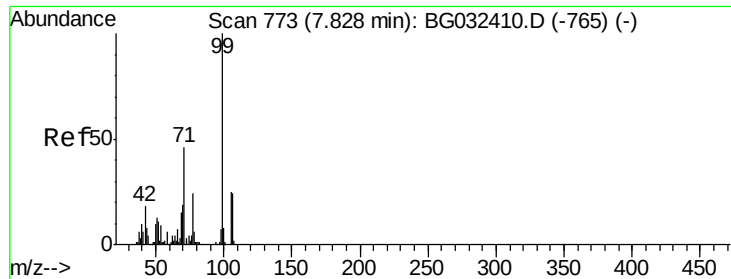


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 145.67 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032620.D

Acq: 8 Feb 2018 21:12

Instrument :

BNA_G

ClientSampleId :

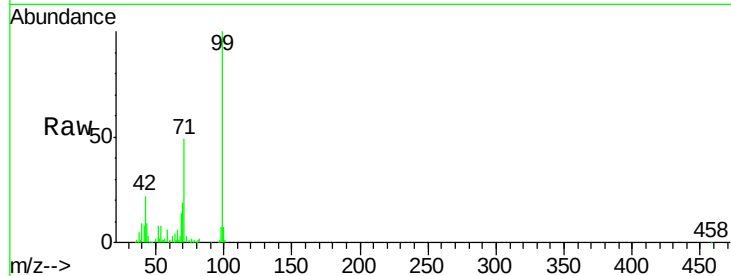
Tot Ion: 99 Resp: 282475

Ion Ratio Lower Upper

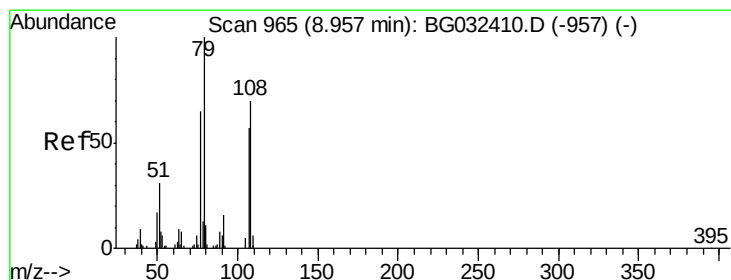
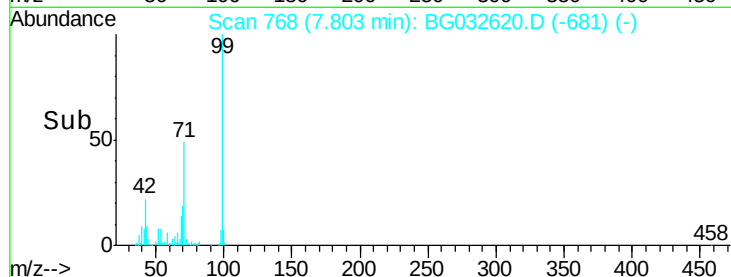
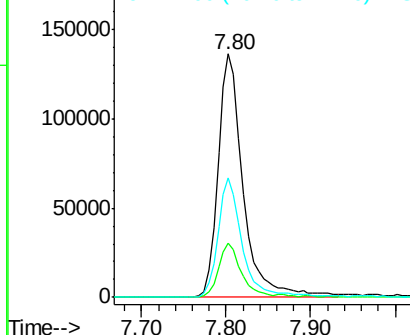
99 100

42 22.1 14.1 21.1#

71 49.0 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.64 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.07 min

Lab File: BG032620.D

Acq: 8 Feb 2018 21:12

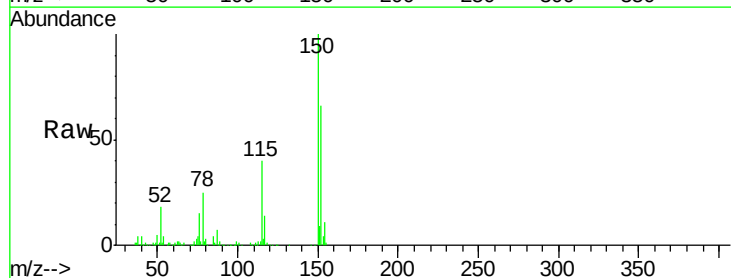
Tgt Ion: 79 Resp: 4223

Ion Ratio Lower Upper

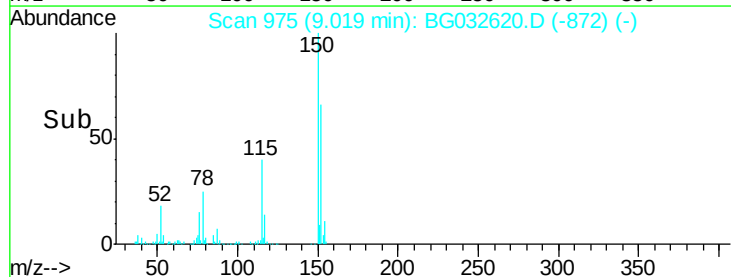
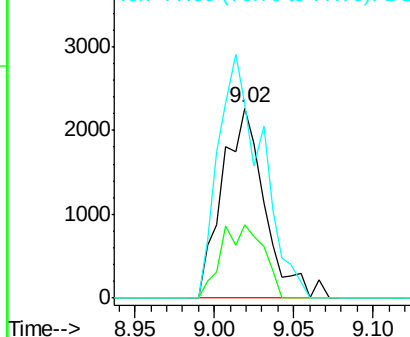
79 100

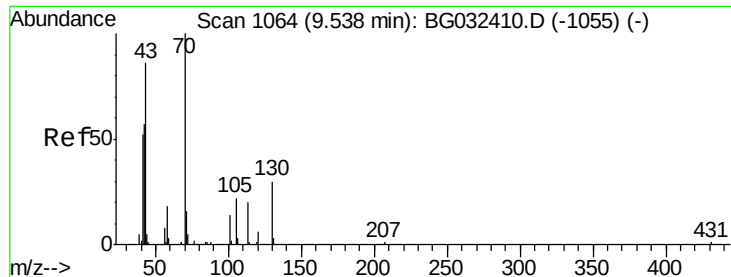
108 38.4 57.2 85.8#

77 102.0 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

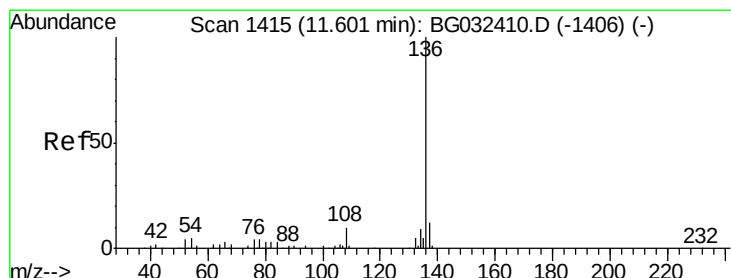
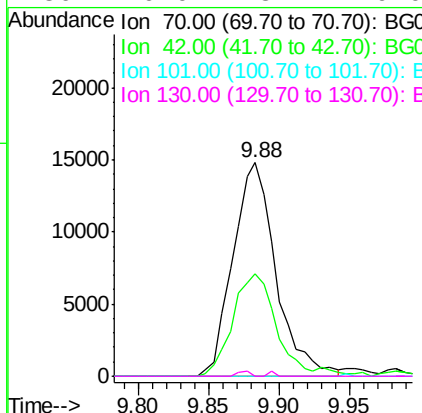
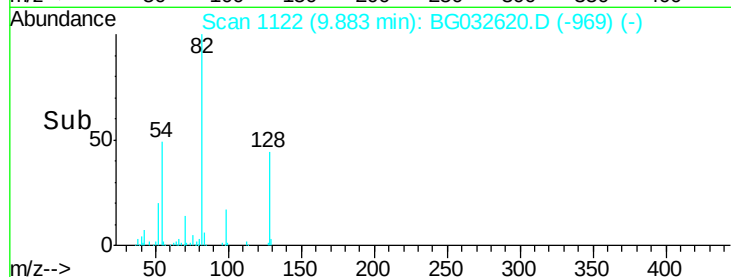
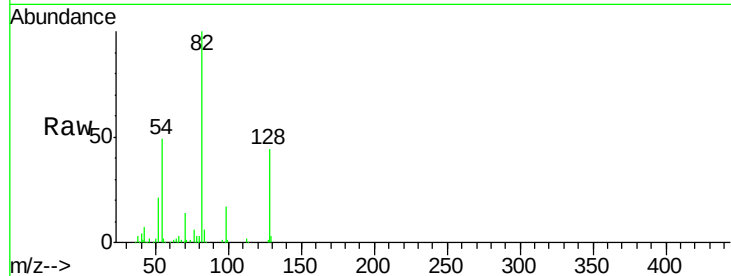




#19
 n-Nitroso-di-n-propylamine
 Concen: 24.39 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. 0.37 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

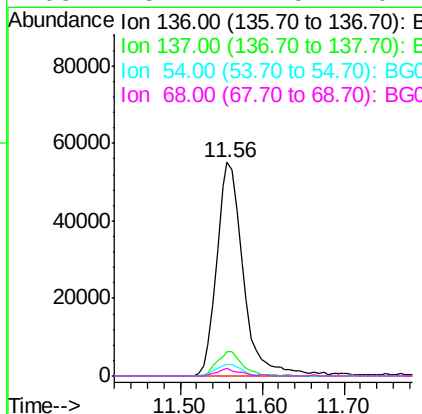
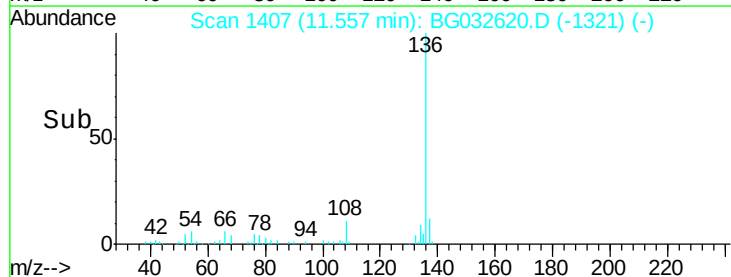
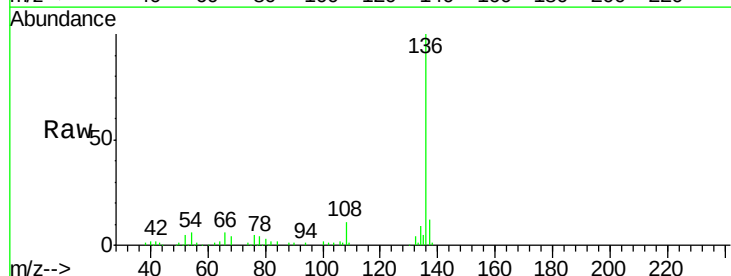
Instrument :
 BNA_G
 ClientSampleId :

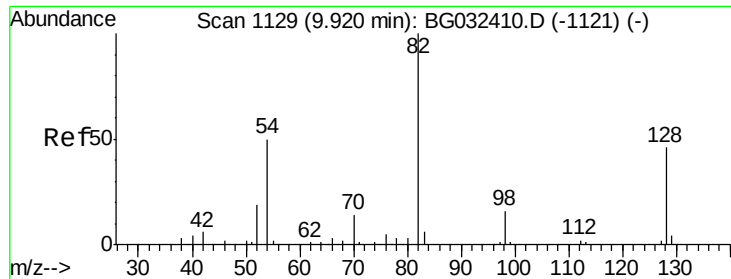
Tot Ion: 70 Resp: 31357
 Ion Ratio Lower Upper
 70 100
 42 47.7 49.1 73.7#
 101 0.0 8.5 12.7#
 130 0.0 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.56 min Scan# 1407
 Delta R.T. -0.03 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Tgt Ion: 136 Resp: 124985
 Ion Ratio Lower Upper
 136 100
 137 11.6 9.2 13.8
 54 5.6 10.3 15.5#
 68 3.7 4.5 6.7#

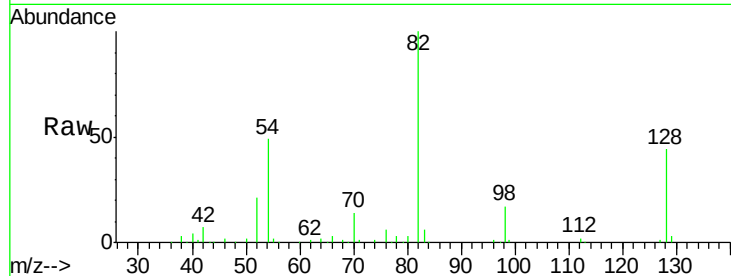




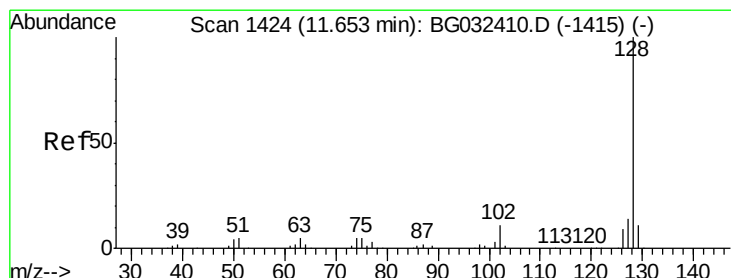
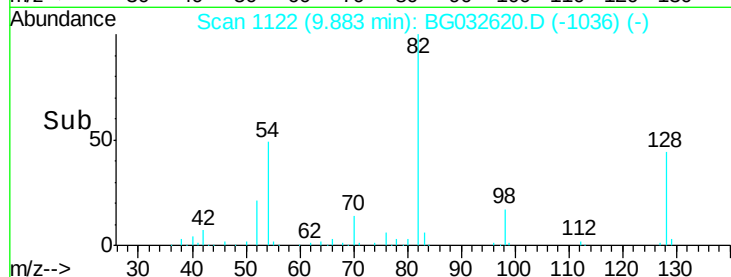
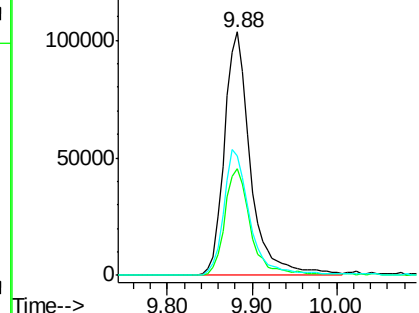
#23
 Nitrobenzene-d5
 Concen: 111.54 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	49.1	43.1	64.7

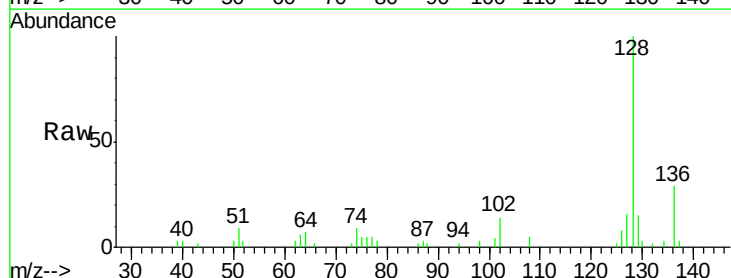


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

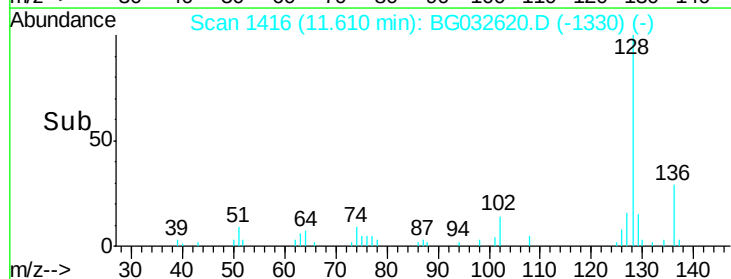
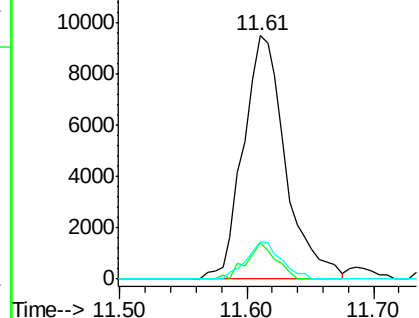


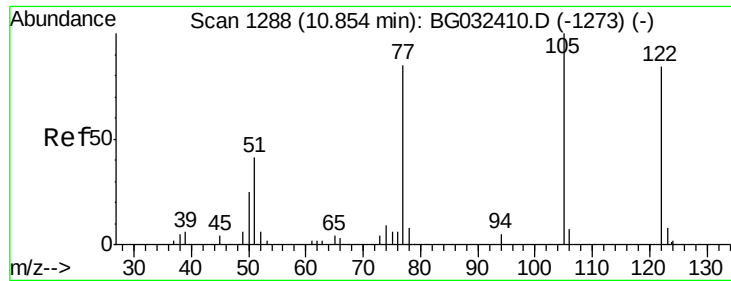
#31
 Naphthalene
 Concen: 3.60 ng
 RT: 11.61 min Scan# 1416
 Delta R.T. -0.03 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.1	8.6	12.8#
127	15.7	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

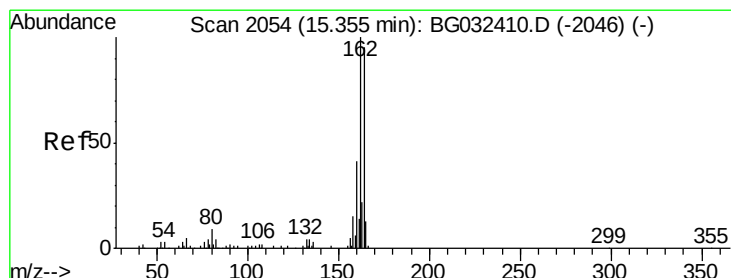
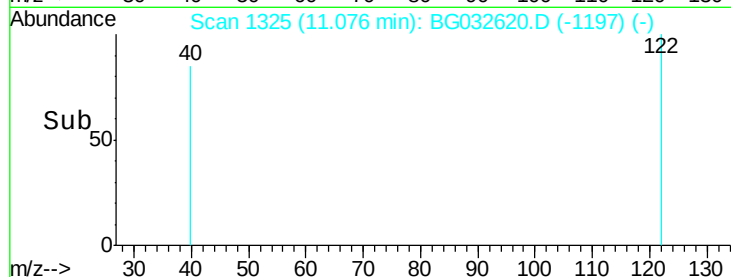
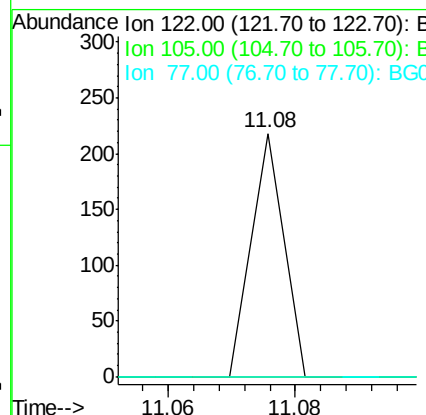
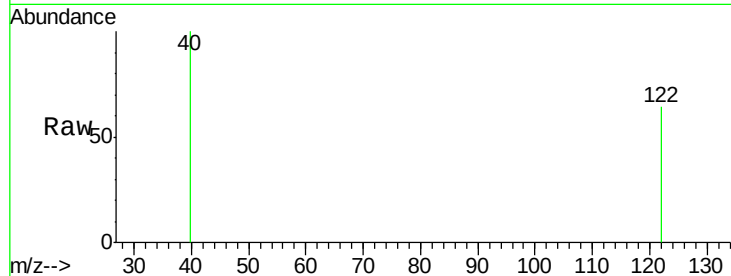




#32
Benzoic acid
Concen: 7.34 ng
RT: 11.08 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

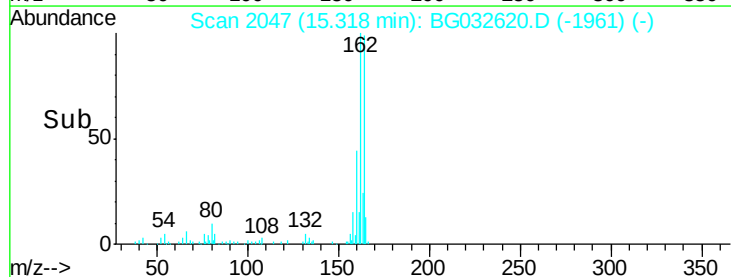
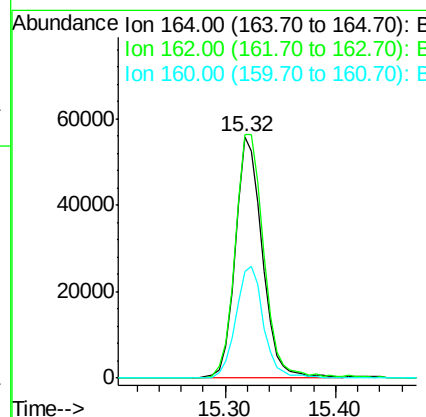
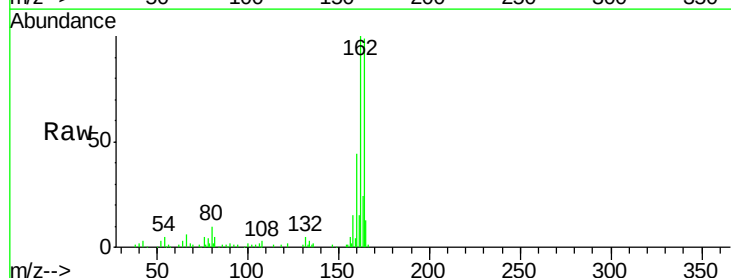
Instrument :
BNA_G
ClientSampleId :

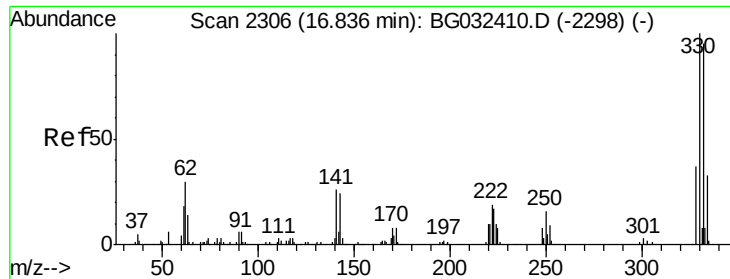
Tot Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.03 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

Tgt Ion:164 Resp: 96063
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 43.9 35.4 53.0

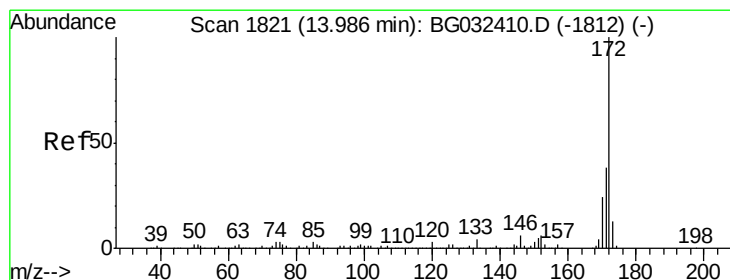
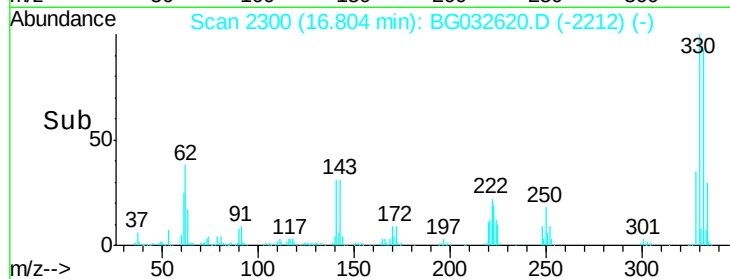
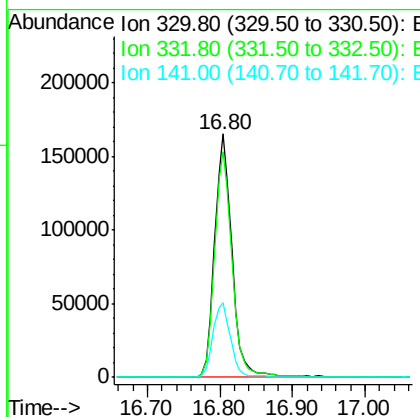
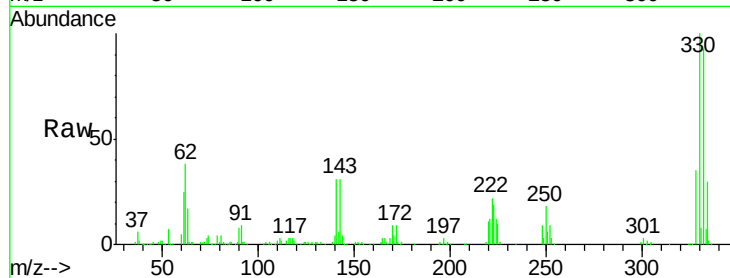




#41
 2,4,6-Tribromophenol
 Concen: 151.19 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

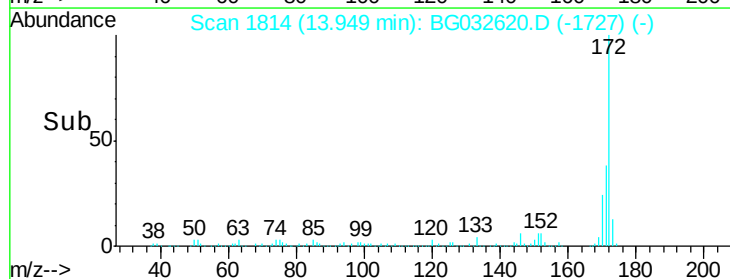
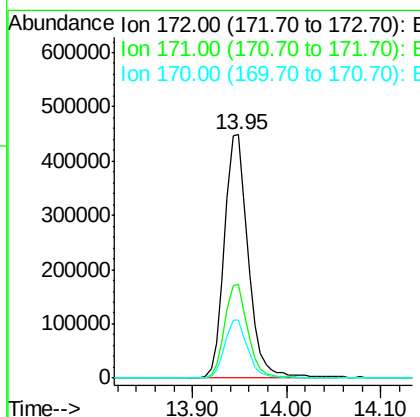
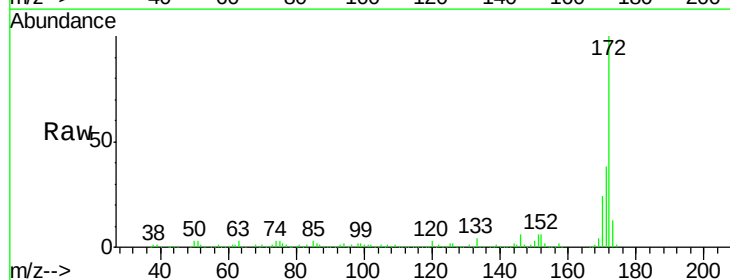
Instrument :
 BNA_G
 ClientSampled :

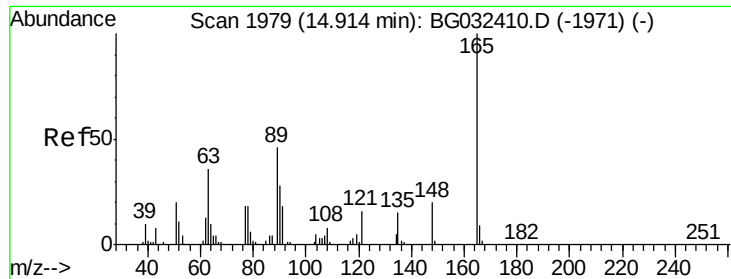
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	31.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 98.30 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.9	19.5	29.3

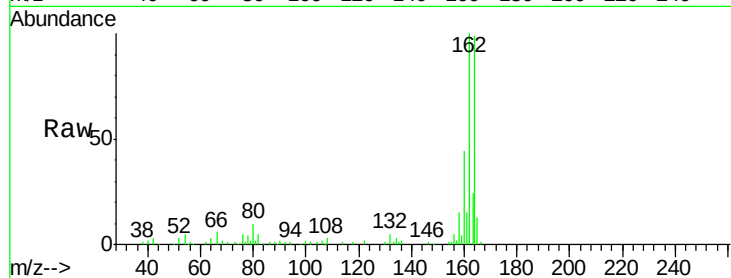




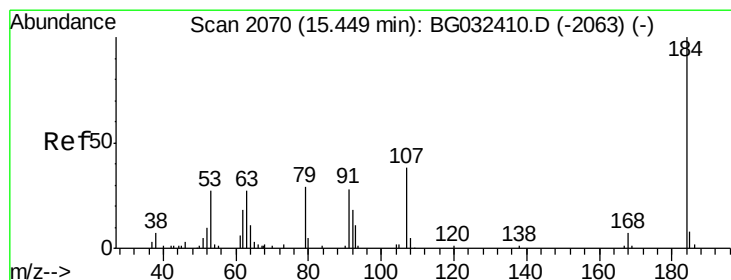
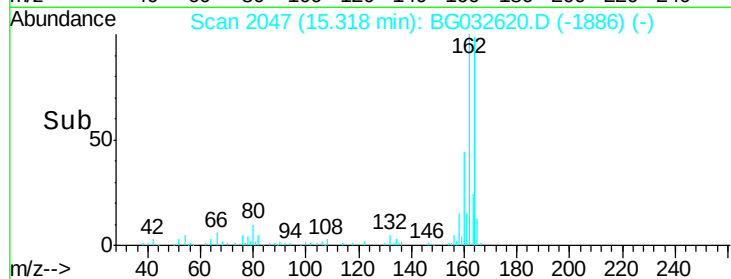
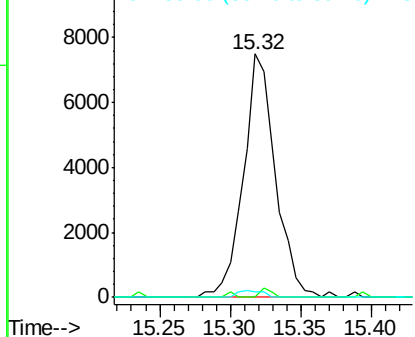
#50
 2,6-Dinitrotoluene
 Concen: 6.41 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. 0.41 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11923
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.0 49.2 73.8#

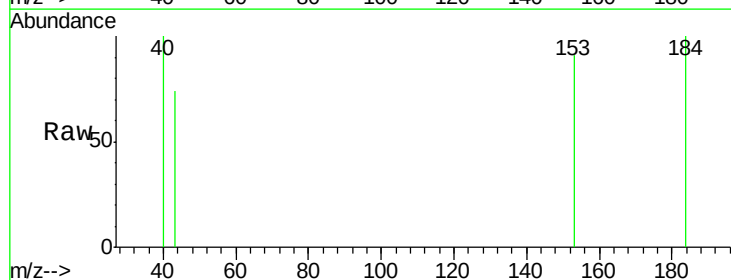


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

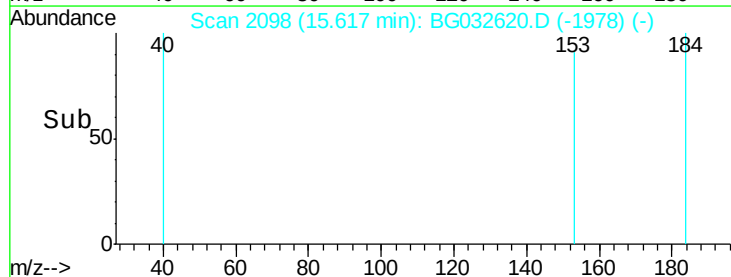
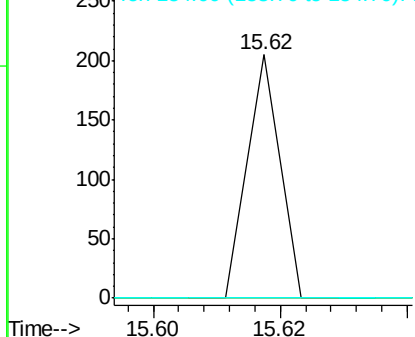


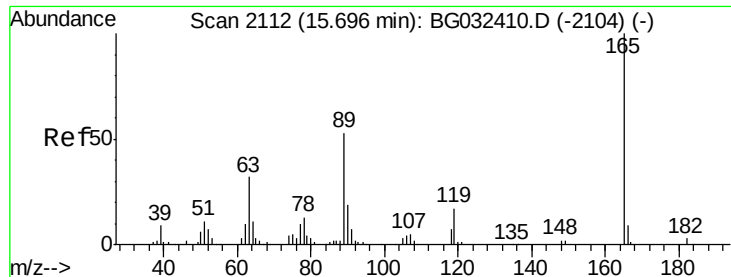
#53
 2,4-Dinitrophenol
 Concen: 4.16 ng
 RT: 15.62 min Scan# 2098
 Delta R.T. 0.17 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Tgt Ion:184 Resp: 72
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

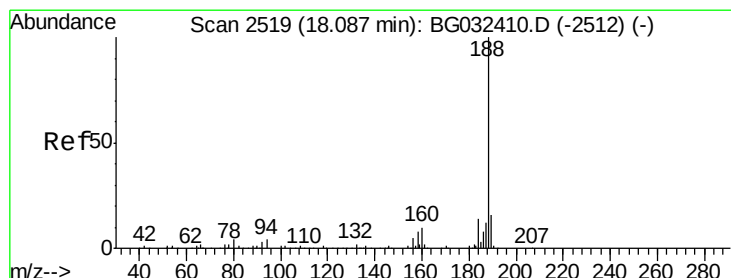
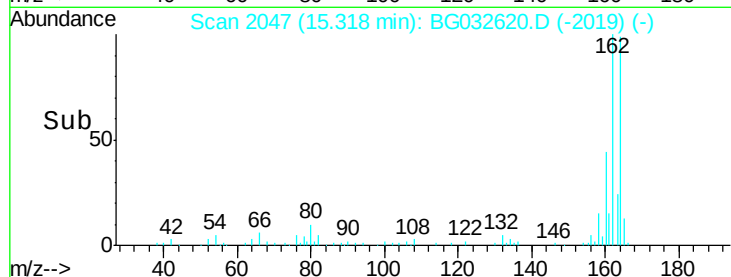
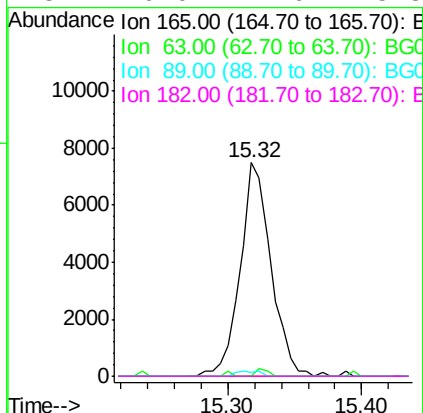
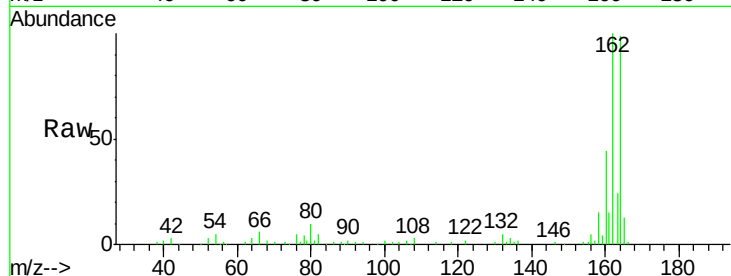




#56
 2,4-Dinitrotoluene
 Concen: 4.50 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.37 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

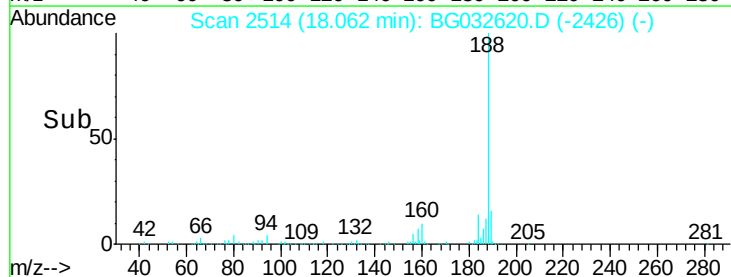
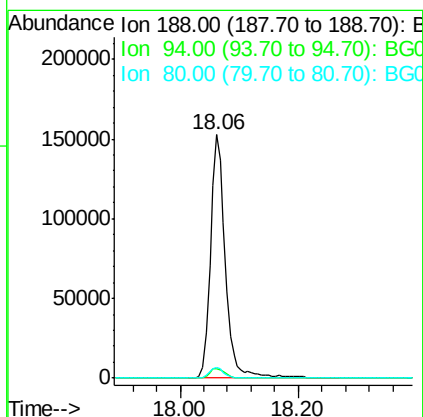
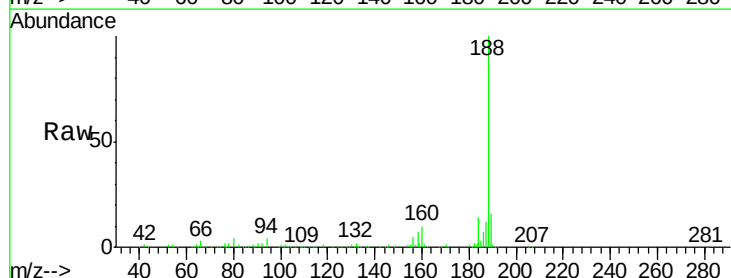
Instrument :
 BNA_G
 ClientSampleId :

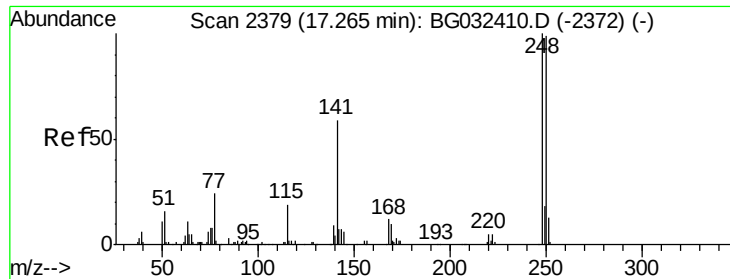
Tot Ion:165 Resp: 11922
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.06 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Tgt Ion:188 Resp: 266909
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.4 7.7 11.5#

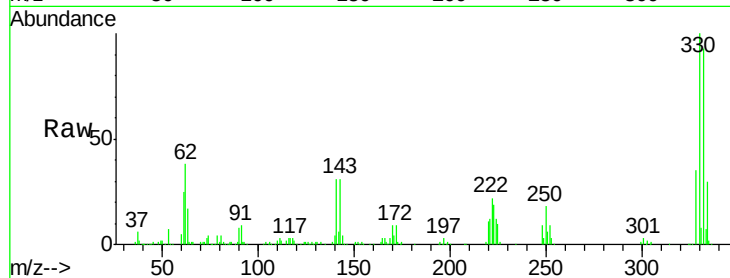




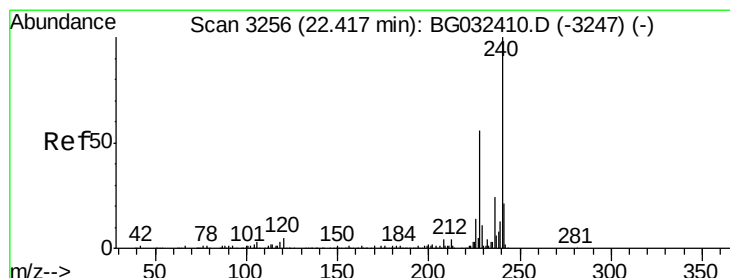
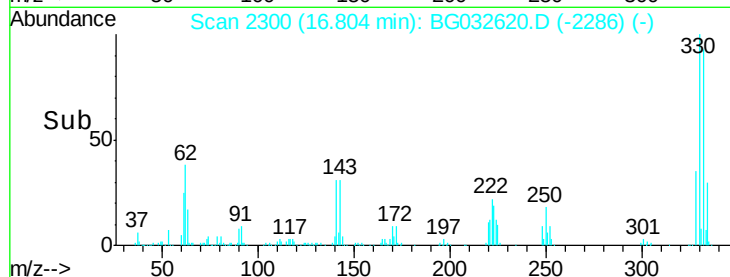
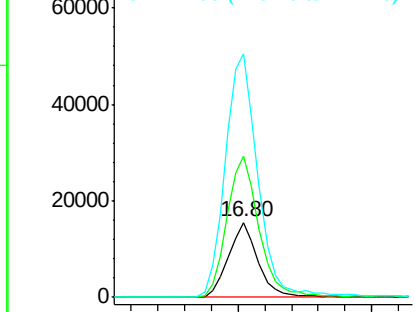
#66
4-Bromophenyl-phenylether
Concen: 6.11 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 24155
Ion Ratio Lower Upper
248 100
250 189.3 77.1 115.7#
141 325.2 50.8 76.2#

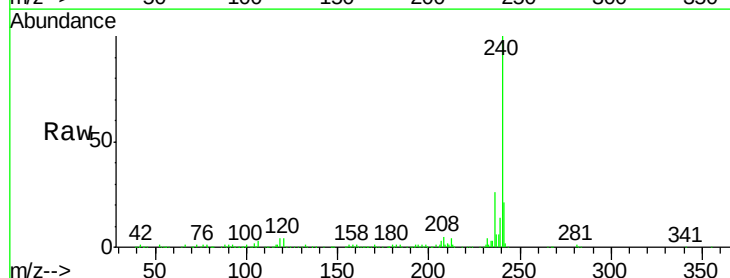


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

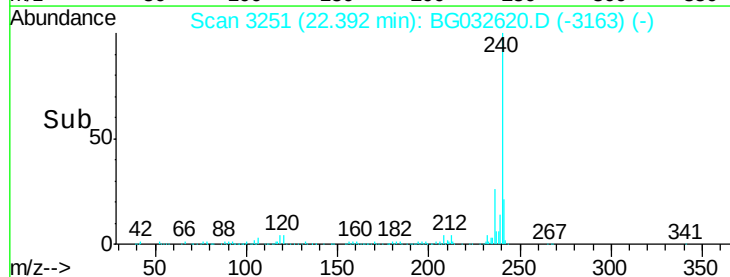
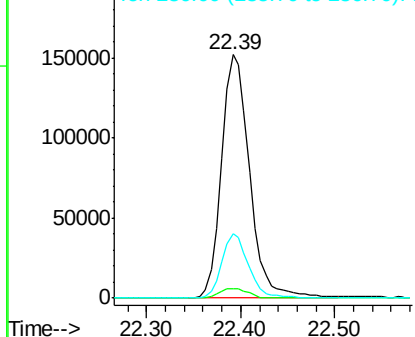


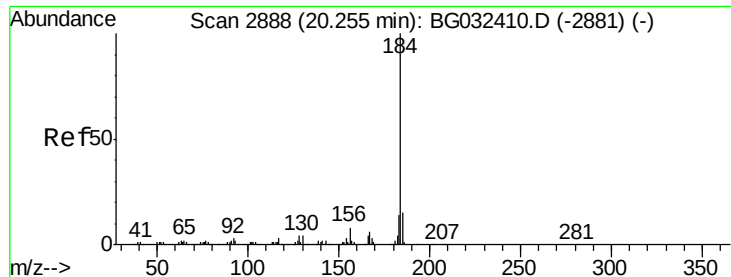
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

Tgt Ion:240 Resp: 316618
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 26.5 20.9 31.3



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

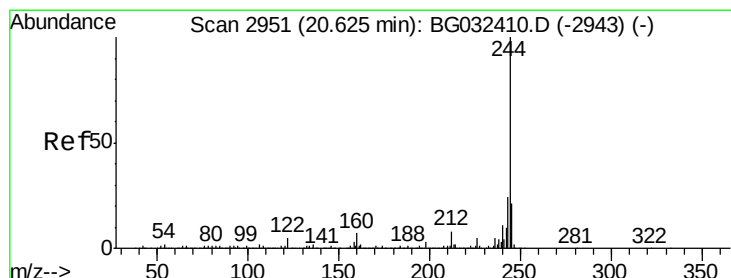
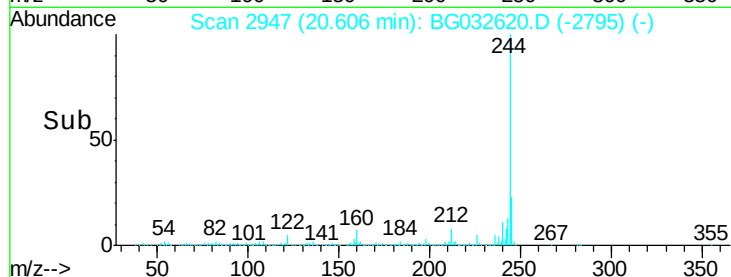
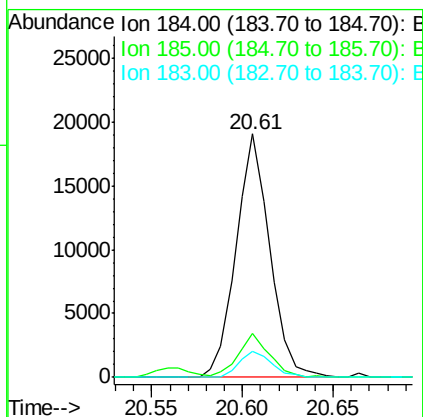
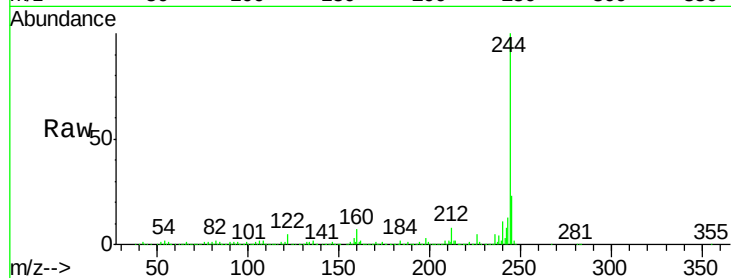




#76
Benzidine
Concen: 3.96 ng
RT: 20.61 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

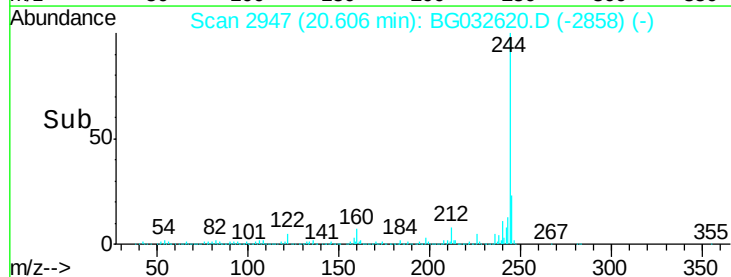
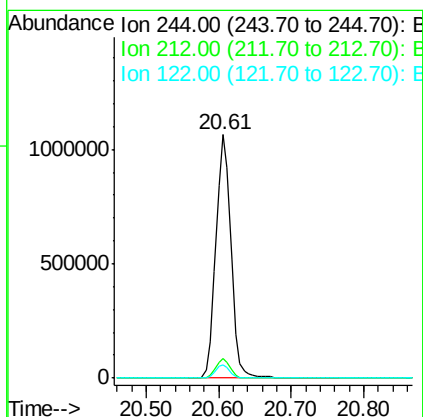
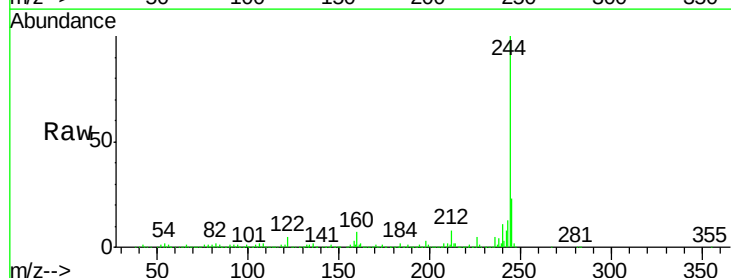
Instrument :
BNA_G
ClientSampleId :

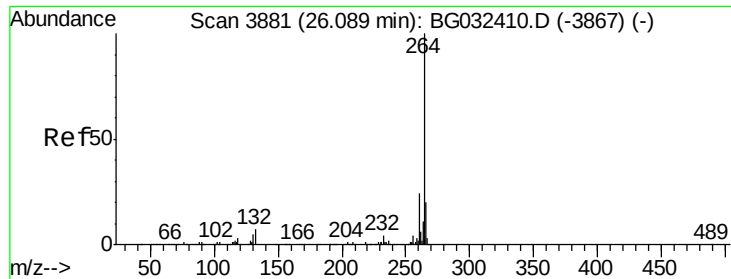
Tot Ion:184 Resp: 24613
Ion Ratio Lower Upper
184 100
185 18.3 11.1 16.7#
183 10.5 10.6 16.0#



#78
Terphenyl-d14
Concen: 104.63 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032620.D
Acq: 8 Feb 2018 21:12

Tgt Ion:244 Resp: 1546578
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 5.5 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032620.D
 Acq: 8 Feb 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.1	17.4	26.0#
265	21.6	17.7	26.5

