

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032619.D
 Acq On : 8 Feb 2018 20:34
 Operator : SJ/JU
 Sample : J1473-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 02:36:46 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

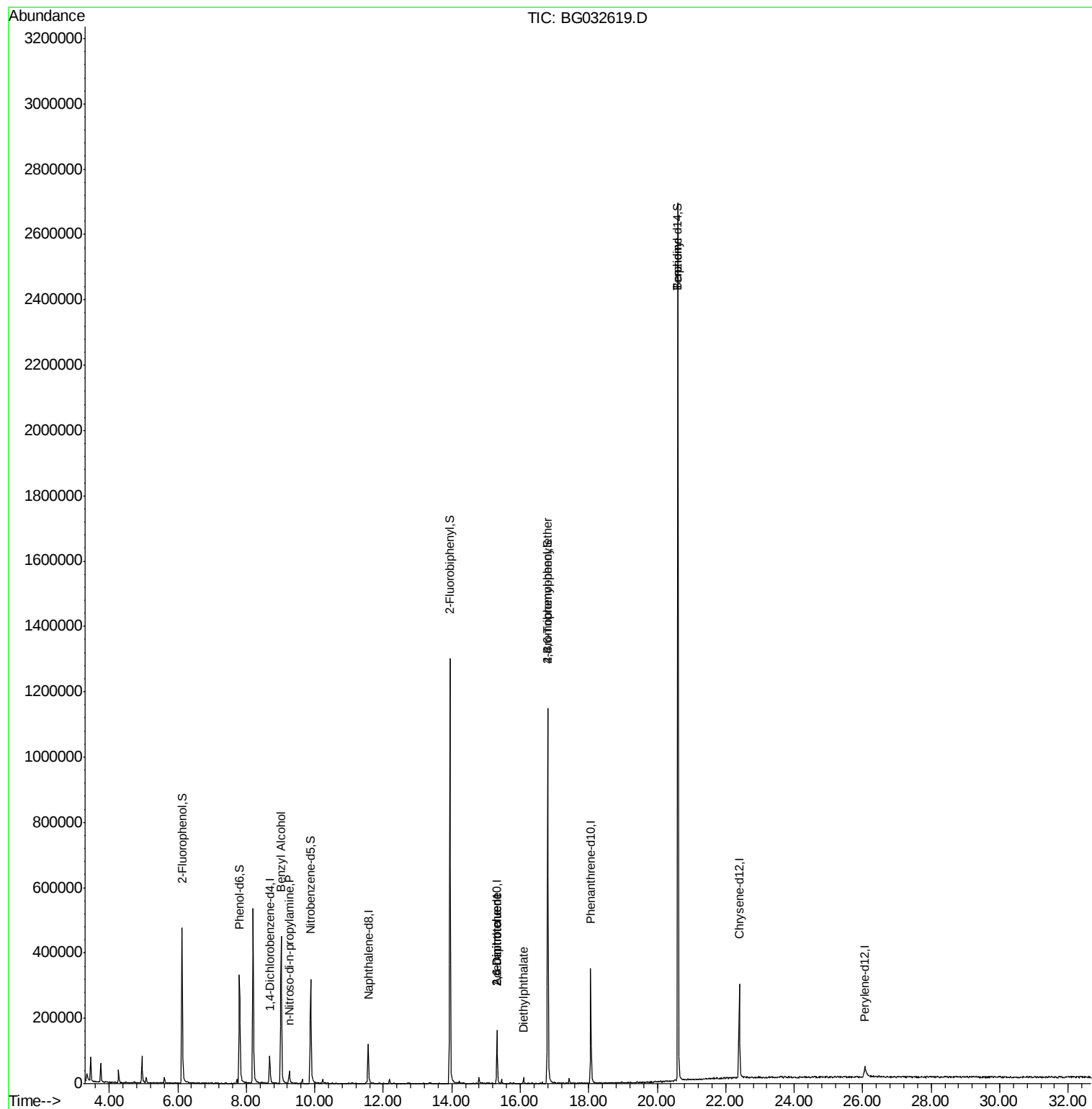
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31680	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	127602	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	57120	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	254164	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	207928	20.00	ng	-0.02
86) Perylene-d12	26.06	264	31431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	245807	155.85	ng	-0.02
7) Phenol-d6	7.81	99	214143	101.74	ng	-0.02
23) Nitrobenzene-d5	9.88	82	222450	108.89	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	263773	242.60	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	800603	166.59	ng	-0.02
78) Terphenyl-d14	20.60	244	1463144	150.73	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	9.02	79	4129	2.38	ng	# 19
19) n-Nitroso-di-n-propylamine	9.25	70	5701	4.09	ng	# 68
50) 2,6-Dinitrotoluene	15.32	165	7390	6.69	ng	# 22
56) 2,4-Dinitrotoluene	15.32	165	7390	4.70	ng	# 20
59) Diethylphthalate	16.09	149	12542	2.45	ng	# 94
66) 4-Bromophenyl-phenylether	16.80	248	23382	6.21	ng	# 1
76) Benzidine	20.60	184	23318	5.71	ng	# 90

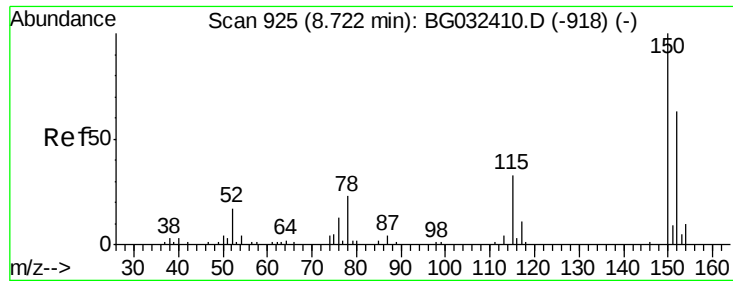
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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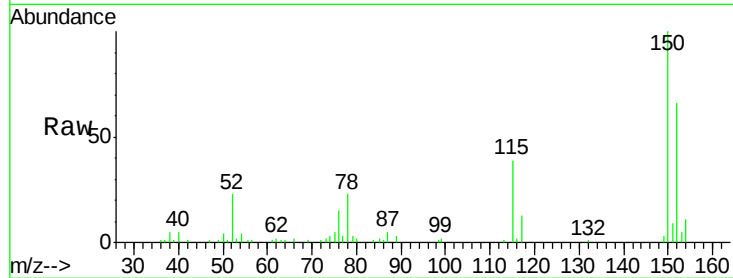


#1

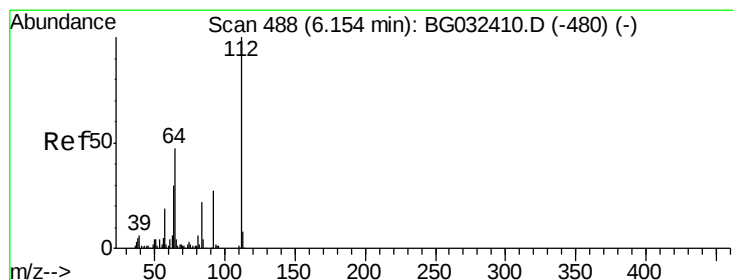
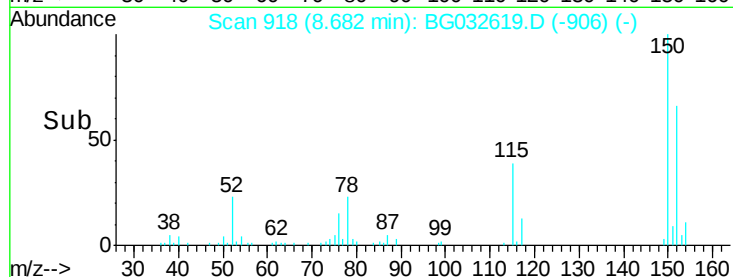
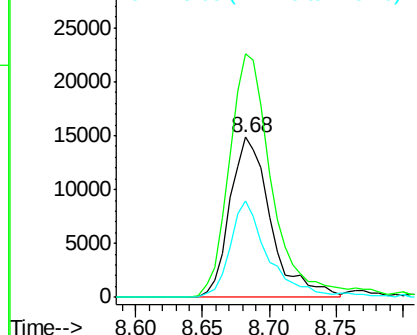
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 31680
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 60.0 53.0 79.4



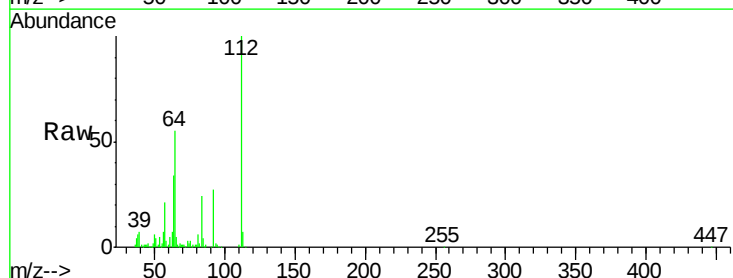
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



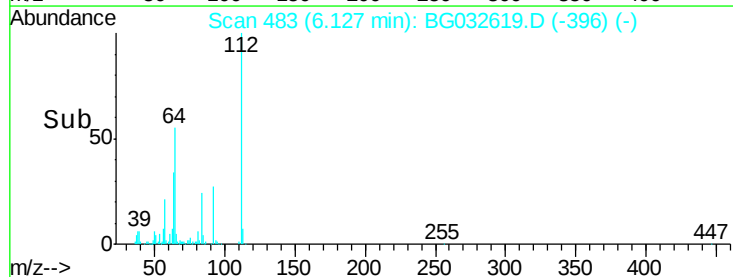
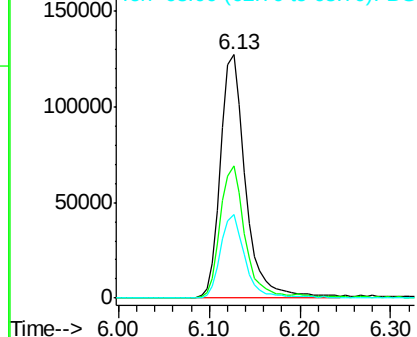
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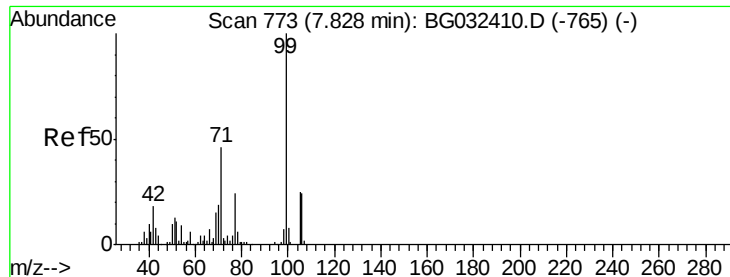
2-Fluorophenol
Concen: 155.85 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:112 Resp: 245807
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 34.1 30.1 45.1



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: 101.74 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032619.D

Acq: 8 Feb 2018 20:34

Instrument :

BNA_G

ClientSampleId :

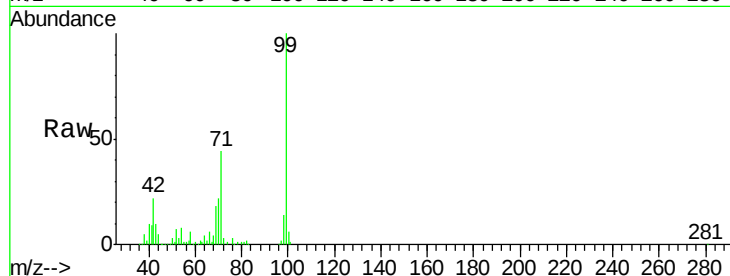
Tot Ion: 99 Resp: 214143

Ion Ratio Lower Upper

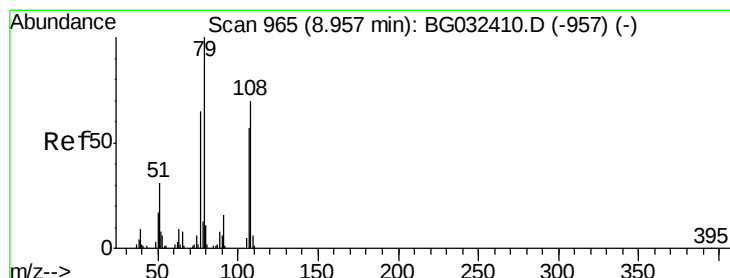
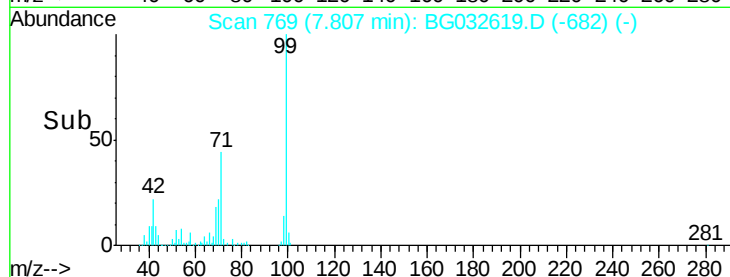
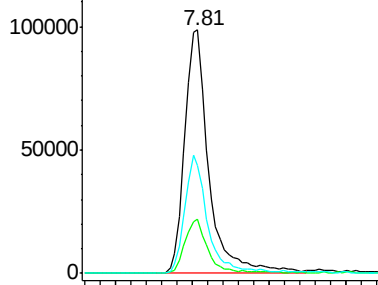
99 100

42 22.2 14.1 21.1#

71 44.3 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: 2.38 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.07 min

Lab File: BG032619.D

Acq: 8 Feb 2018 20:34

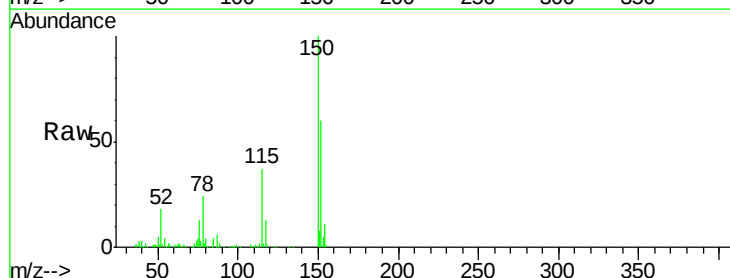
Tgt Ion: 79 Resp: 4129

Ion Ratio Lower Upper

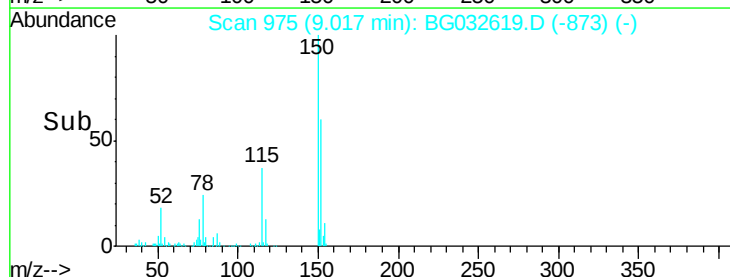
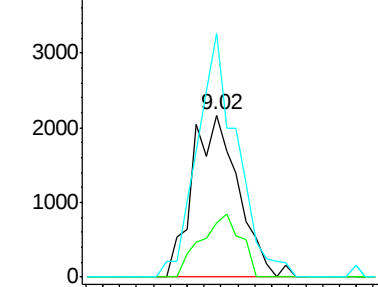
79 100

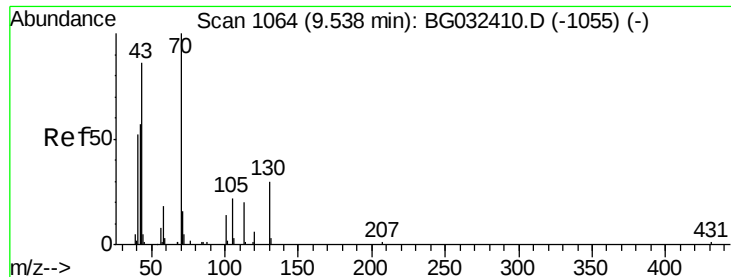
108 33.4 57.2 85.8#

77 150.0 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

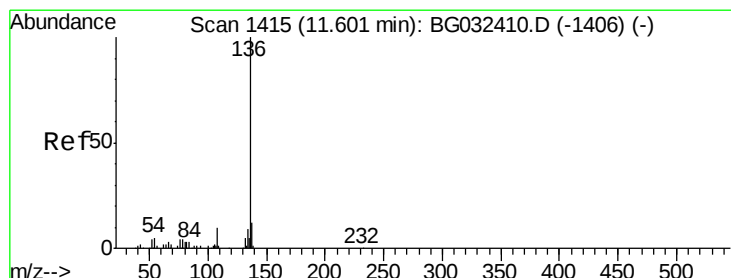
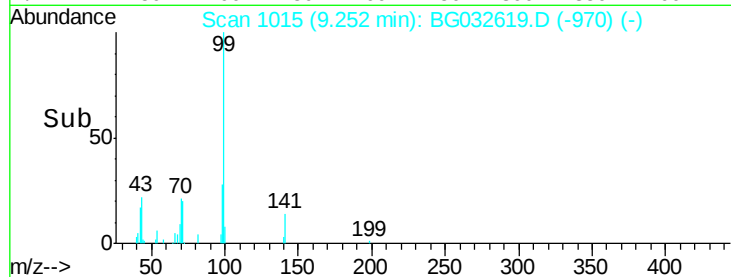
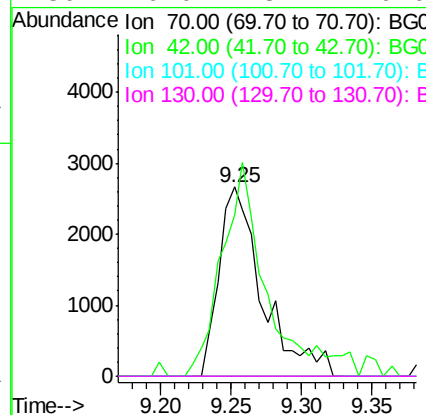
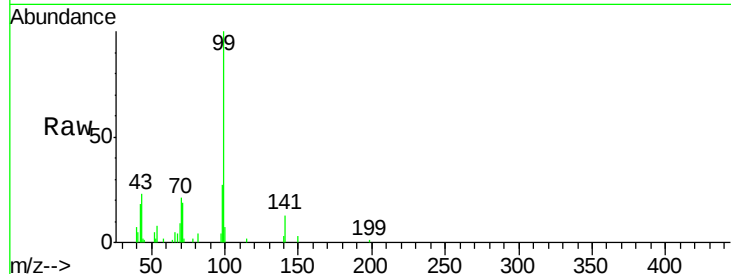




#19
n-Nitroso-di-n-propylamine
Concen: 4.09 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.26 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

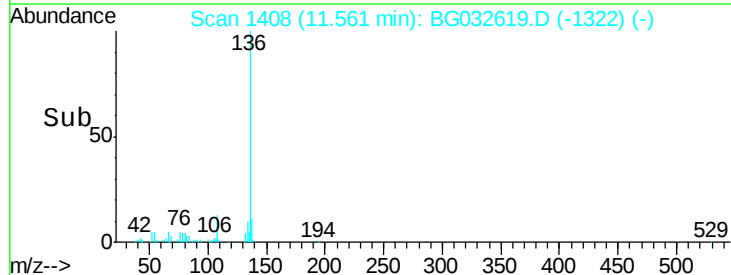
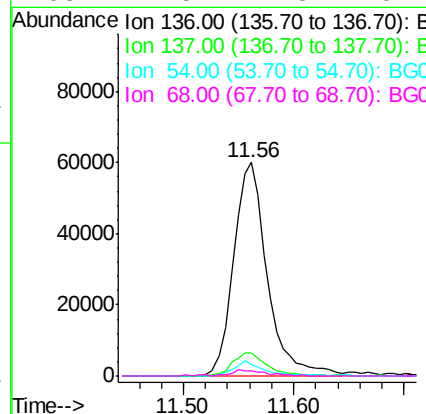
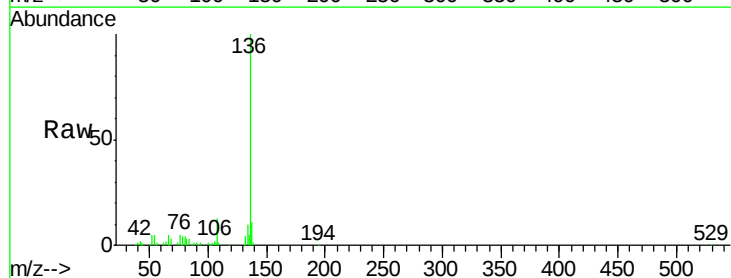
Instrument :
BNA_G
ClientSampleId :

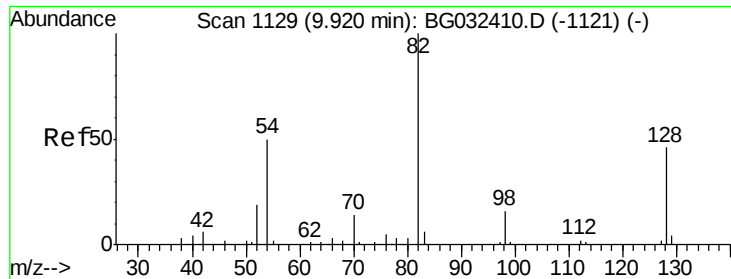
Tot Ion: 70 Resp: 5701
Ion Ratio Lower Upper
70 100
42 85.1 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion: 136 Resp: 127602
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 5.2 10.3 15.5#
68 2.5 4.5 6.7#

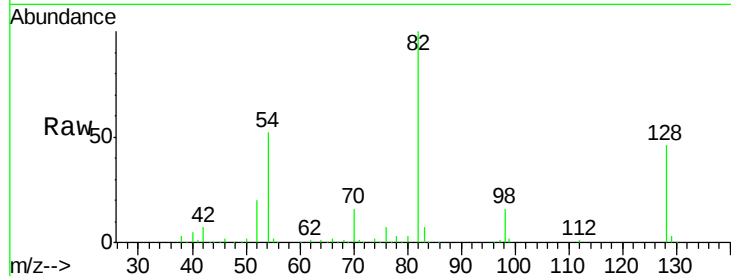




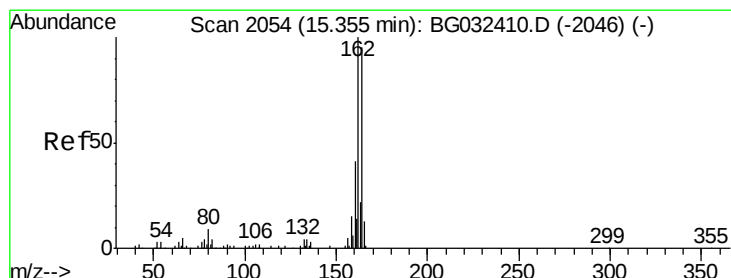
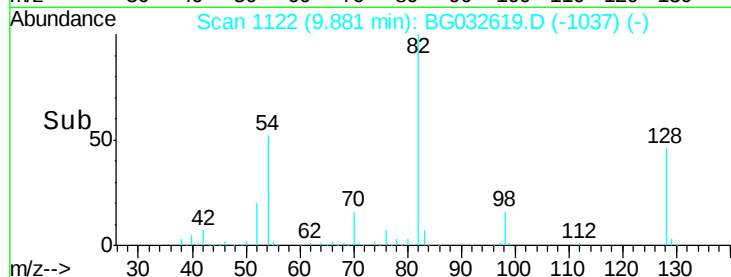
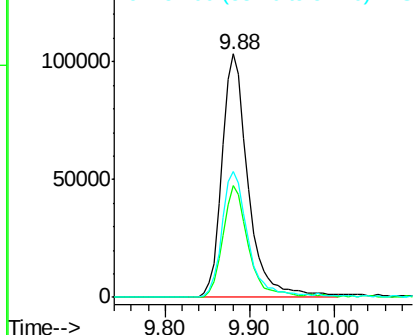
#23
 Nitrobenzene-d5
 Concen: 108.89 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	222450
Ion Ratio	100	Lower	Upper
128	46.0	29.7	44.5#
54	51.9	43.1	64.7

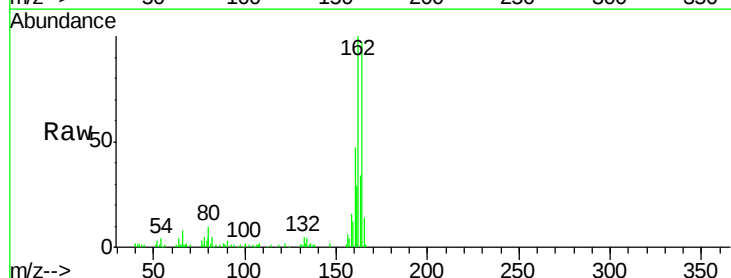


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

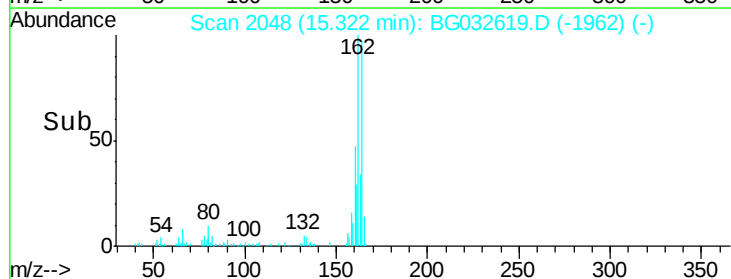
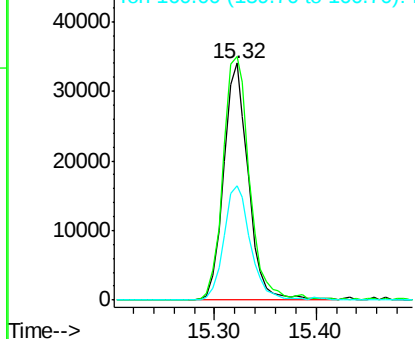


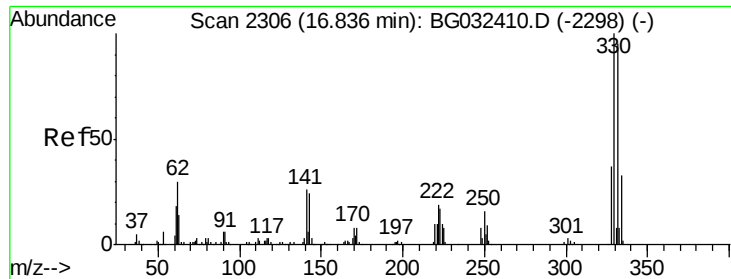
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Tgt Ion	164	Resp	57120
Ion Ratio	100	Lower	Upper
162	102.9	78.8	118.2
160	48.1	35.4	53.0



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

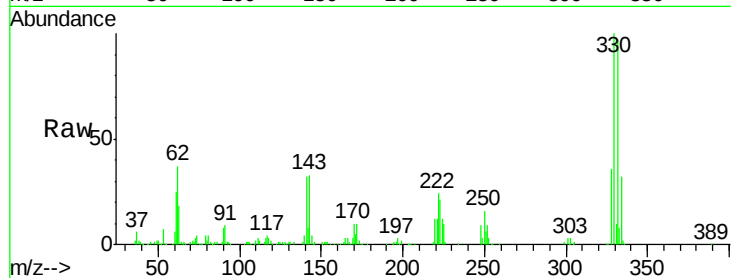




#41
 2,4,6-Tribromophenol
 Concen: 242.60 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.3	25.2	37.8

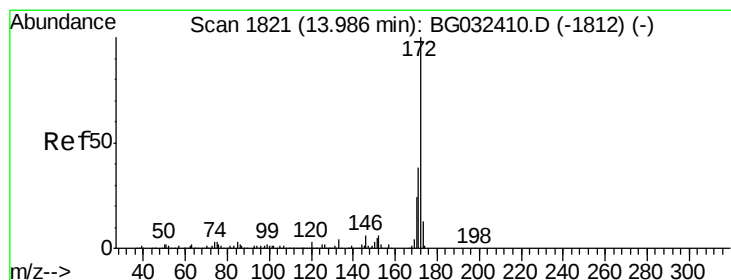
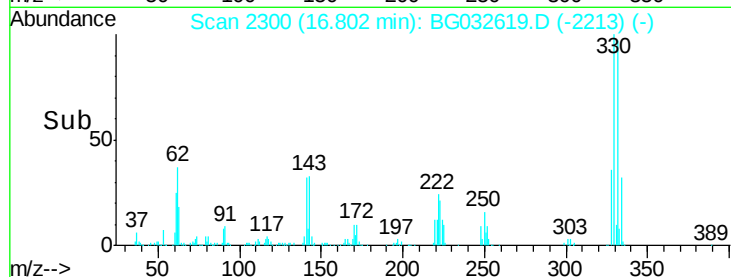
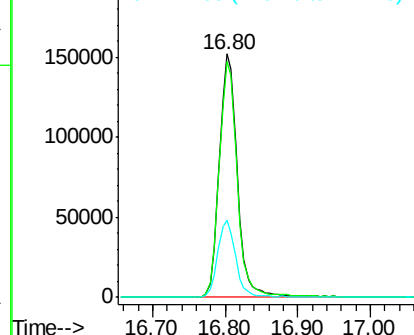


Abundance

Ion 329.80 (329.50 to 330.50): E

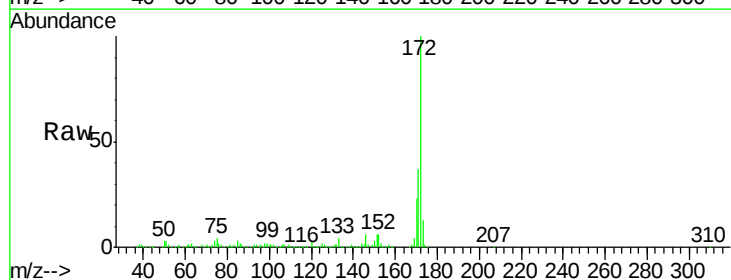
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 166.59 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.0	19.5	29.3

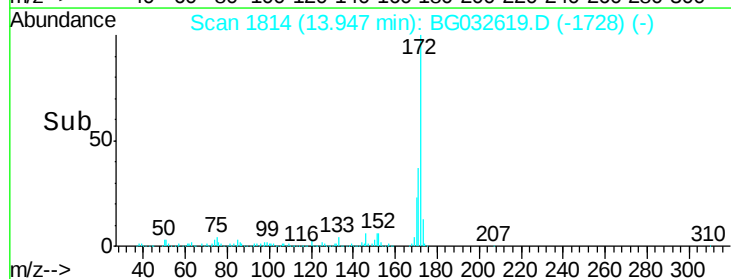
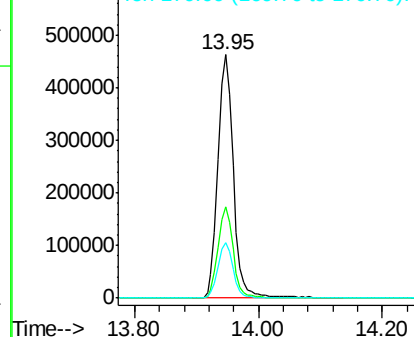


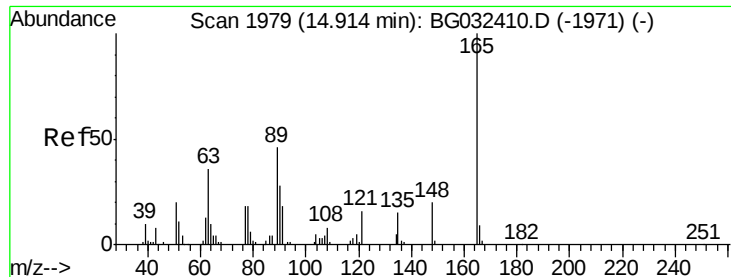
Abundance

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

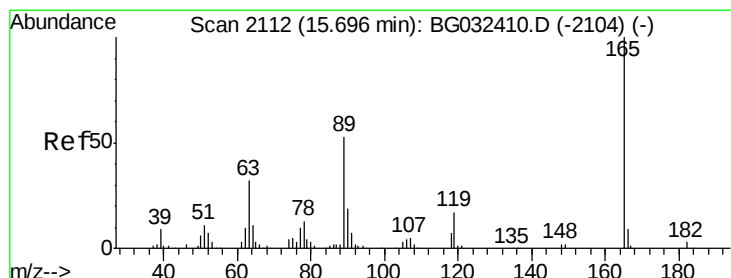
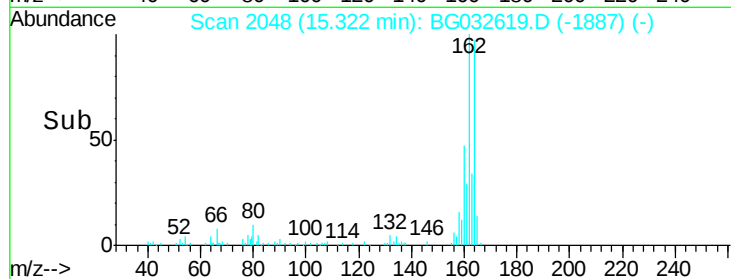
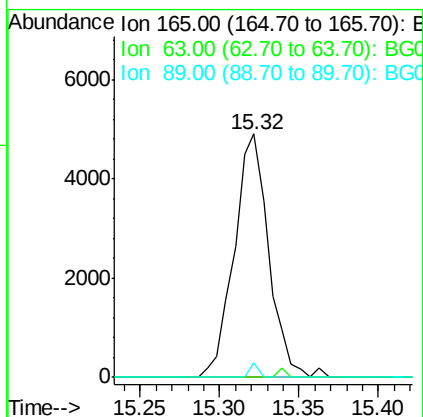
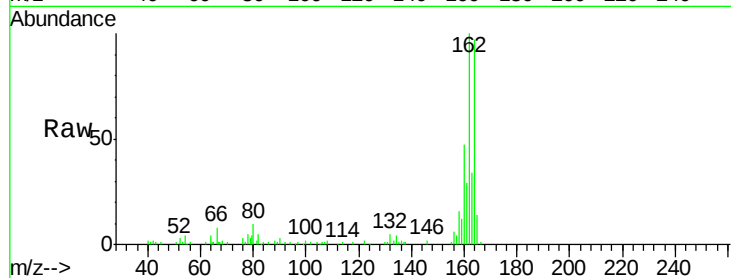




#50
2,6-Dinitrotoluene
Concen: 6.69 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

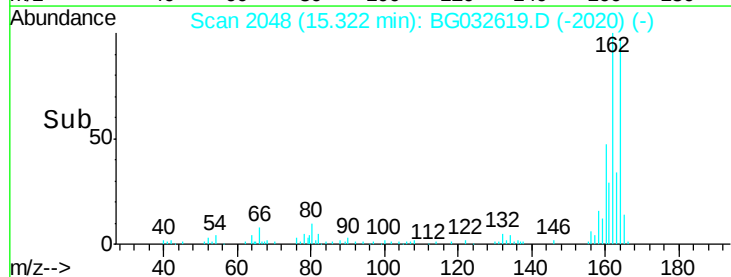
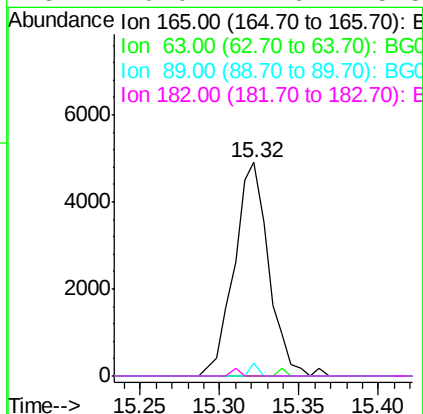
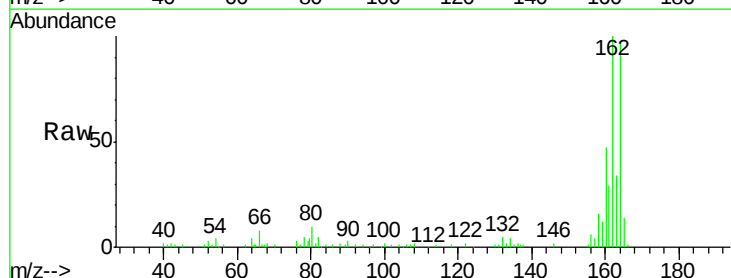
Instrument :
BNA_G
ClientSampleId :

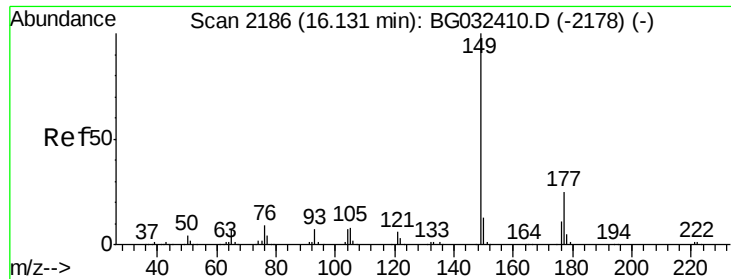
Tot Ion:165 Resp: 7390
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 5.9 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.70 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:165 Resp: 7390
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 5.9 66.9 100.3#
182 0.0 2.6 3.8#

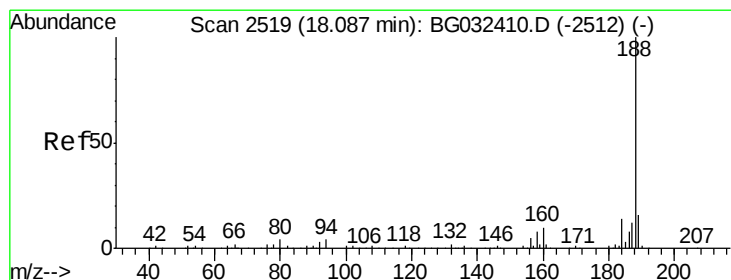
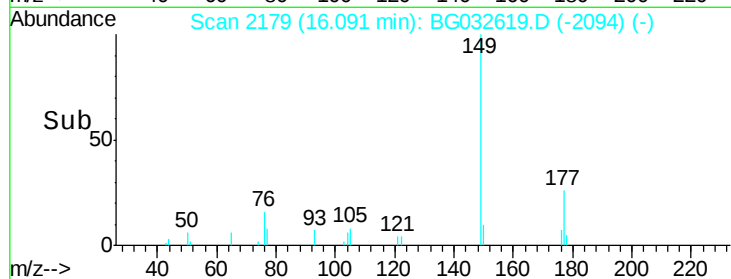
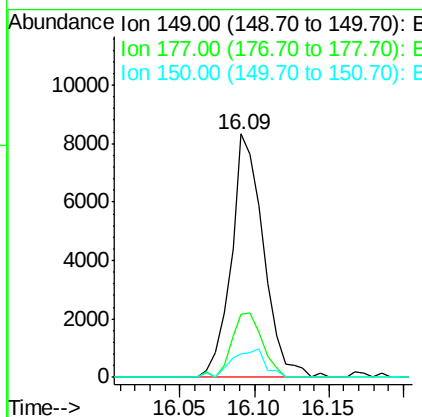
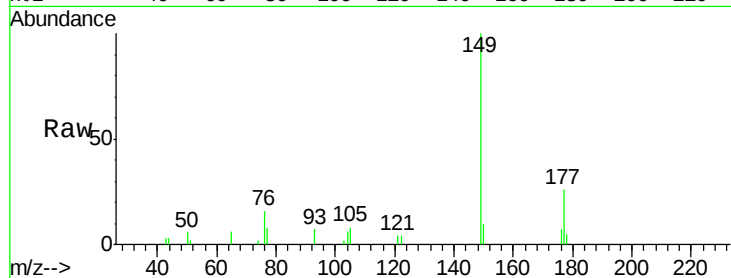




#59
Diethylphthalate
Concen: 2.45 ng
RT: 16.09 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

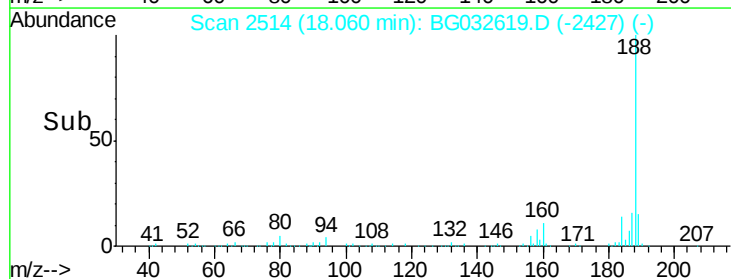
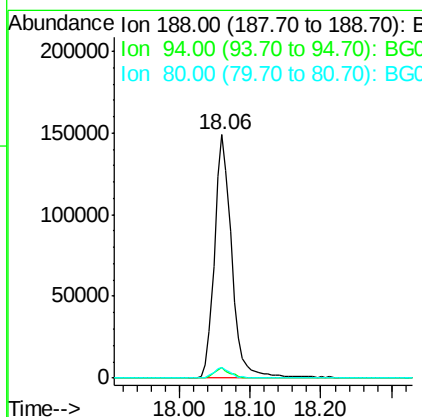
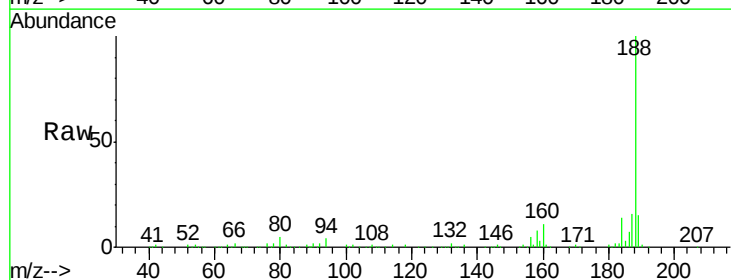
Instrument :
BNA_G
ClientSampled :

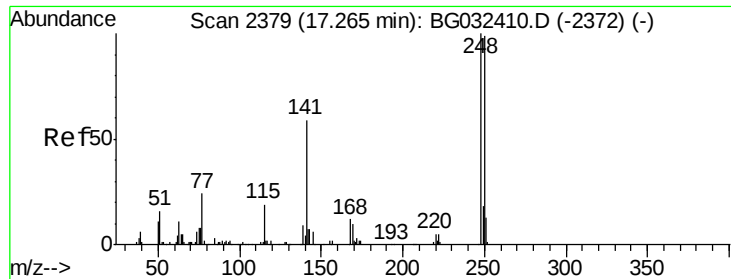
Tot Ion:149 Resp: 12542
Ion Ratio Lower Upper
149 100
177 25.8 18.5 27.7
150 9.8 10.2 15.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:188 Resp: 254164
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.6 7.7 11.5#

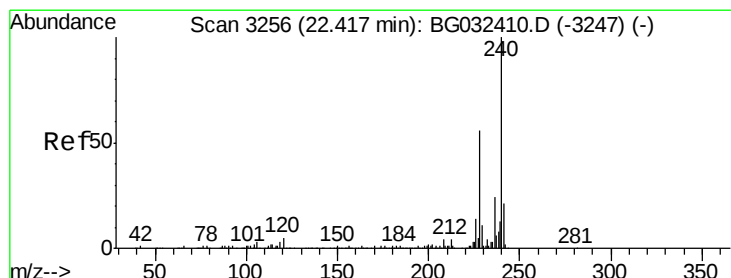
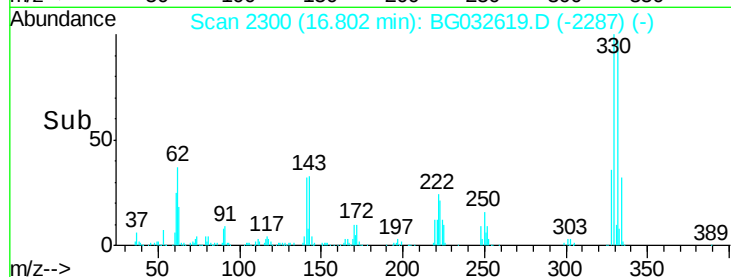
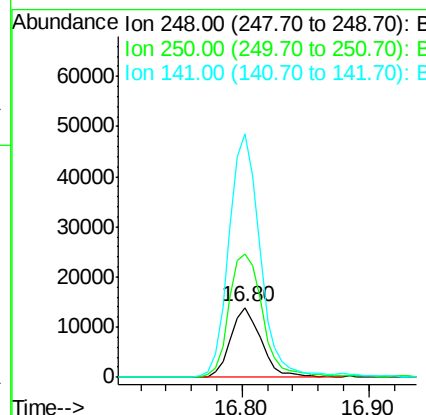
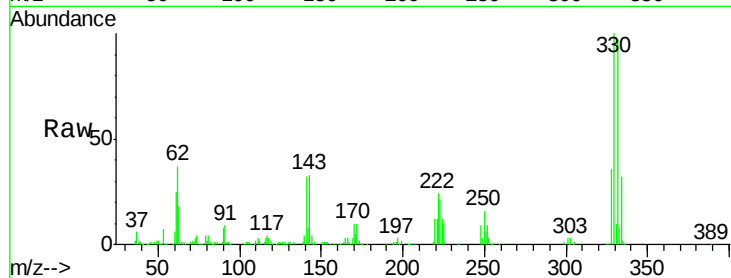




#66
4-Bromophenyl-phenylether
Concen: 6.21 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

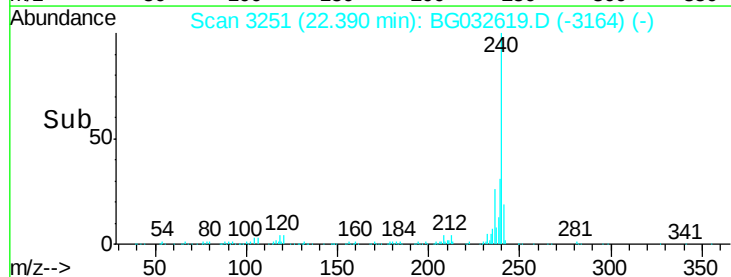
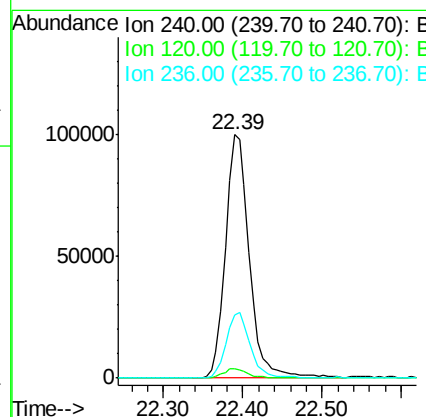
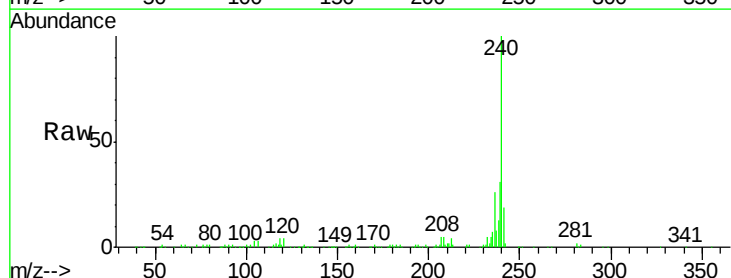
Instrument :
BNA_G
ClientSampled :

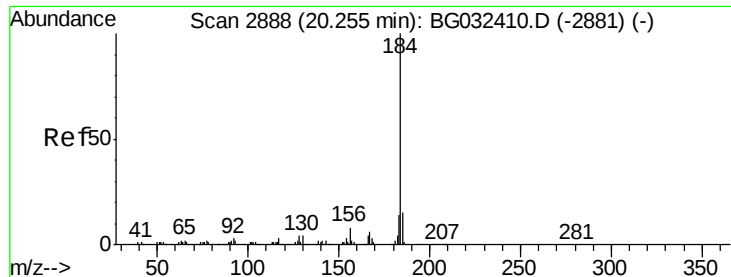
Tot Ion:248 Resp: 23382
Ion Ratio Lower Upper
248 100
250 176.7 77.1 115.7#
141 348.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:240 Resp: 207928
Ion Ratio Lower Upper
240 100
120 3.8 6.8 10.2#
236 26.0 20.9 31.3

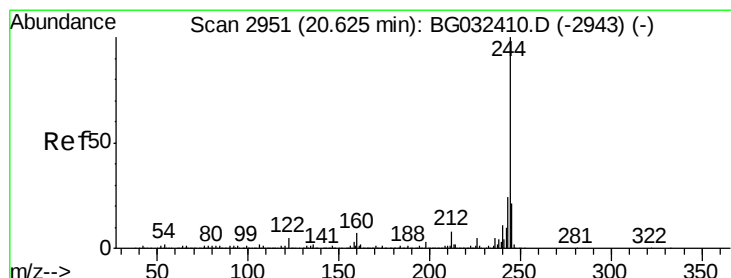
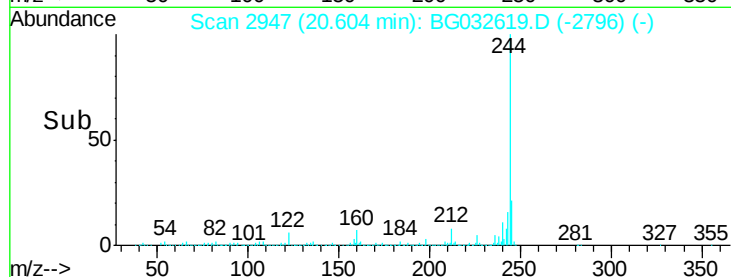
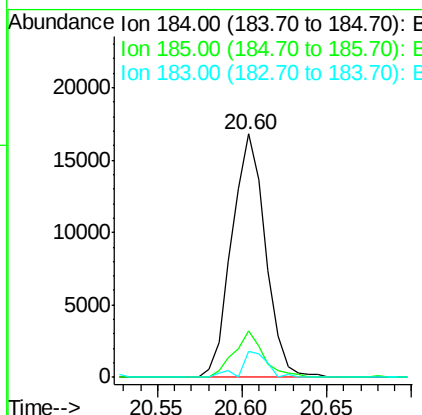
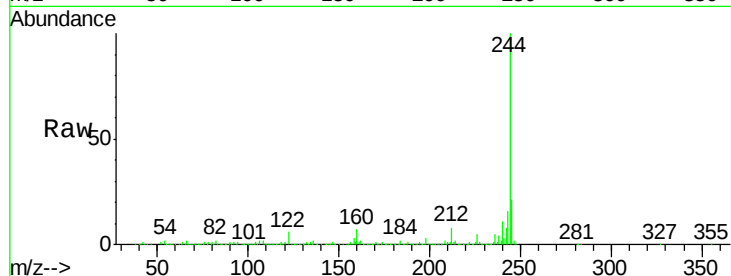




#76
Benzidine
Concen: 5.71 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

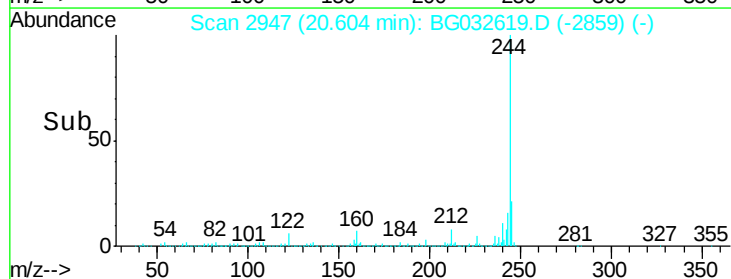
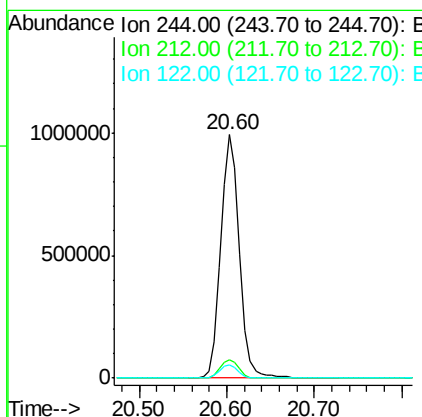
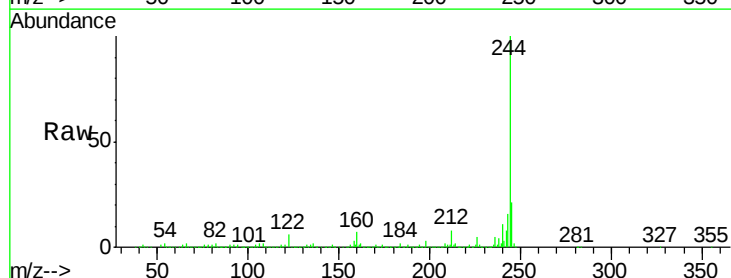
Instrument :
BNA_G
ClientSampleId :

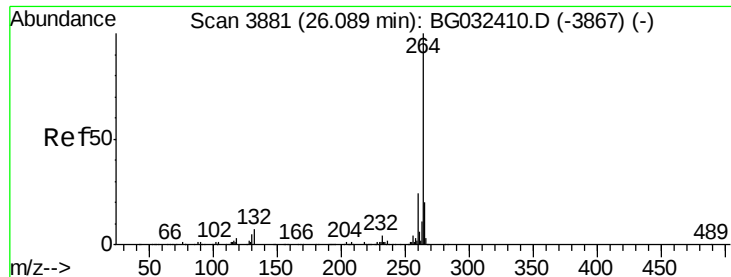
Tot Ion:184 Resp: 23318
Ion Ratio Lower Upper
184 100
185 19.3 11.1 16.7#
183 10.8 10.6 16.0



#78
Terphenyl-d14
Concen: 150.73 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032619.D
Acq: 8 Feb 2018 20:34

Tgt Ion:244 Resp: 1463144
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 5.5 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: BG032619.D
 Acq: 8 Feb 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	29.7	17.4	26.0#
265	22.7	17.7	26.5

