

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010120\
 Data File : BG043871.D
 Acq On : 2 Jan 2020 12:03
 Operator : JU
 Sample : PB125838L
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 13:20:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

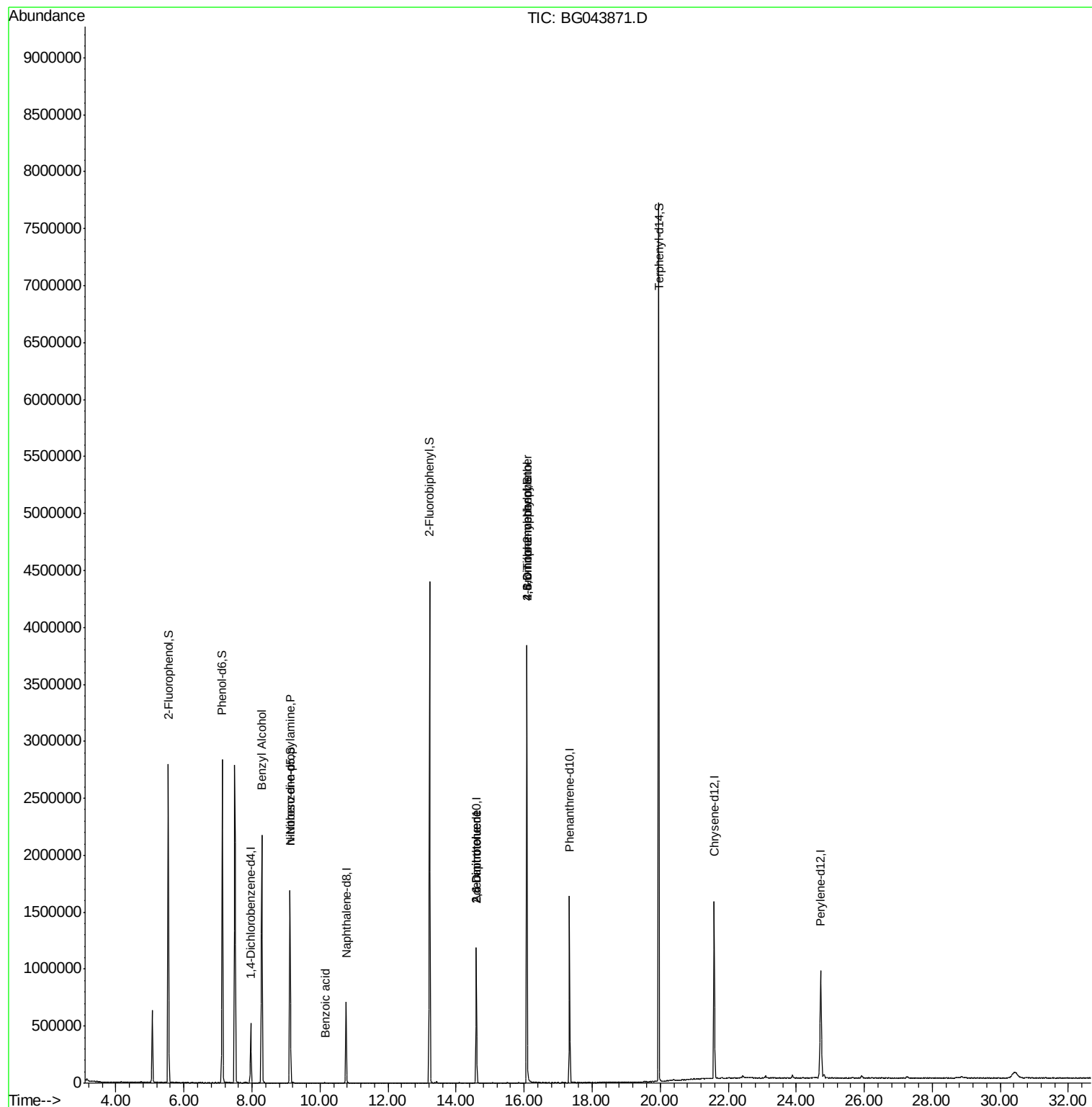
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	148200	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	632043	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	422159	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	947191	20.00	ng	0.00
76) Chrysene-d12	21.59	240	847303	20.00	ng	0.00
87) Perylene-d12	24.72	264	941375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1245736	154.34	ng	0.00
7) Phenol-d6	7.13	99	1718047	152.28	ng	0.00
23) Nitrobenzene-d5	9.12	82	1075822	91.06	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	689477	156.07	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2226459	95.55	ng	0.00
79) Terphenyl-d14	19.96	244	3112145	89.90	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	17915	2.012	ng	# 47
19) n-Nitroso-di-n-propylamine	9.12	70	144046	17.144	ng	# 82
32) Benzoic acid	10.16	122	60	6.270	ng	# 1
51) 2,6-Dinitrotoluene	14.59	165	56071	8.276	ng	# 26
57) 2,4-Dinitrotoluene	14.59	165	56071	6.082	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.08	198	2521	4.859	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	51107	4.797	ng	# 1

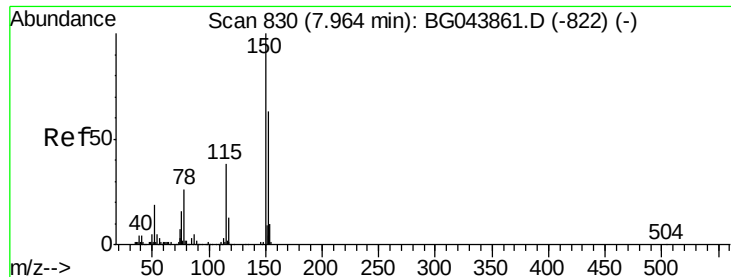
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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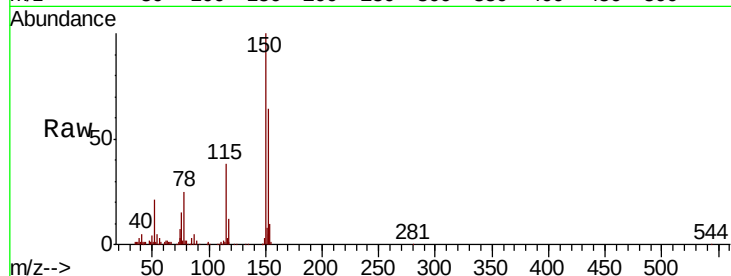


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.0	190.4
115	59.3	47.8	71.8

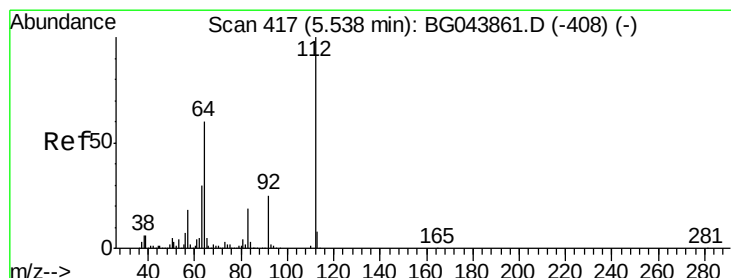
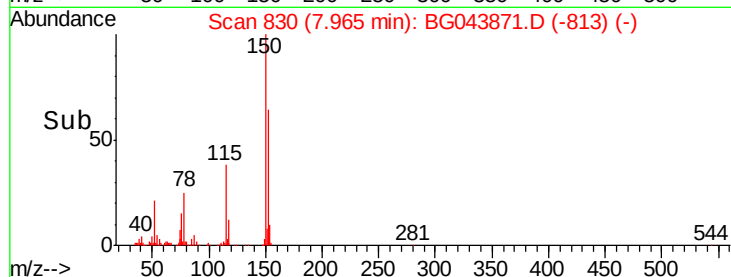
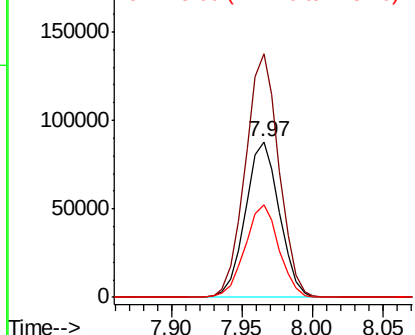


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

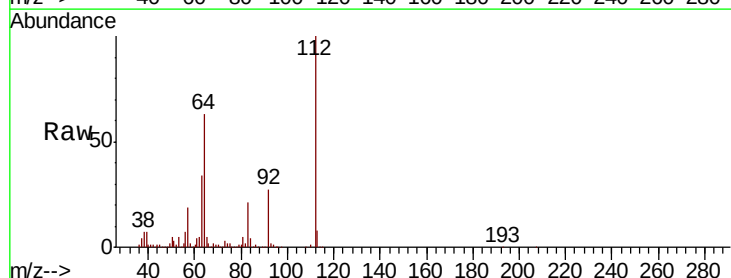
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.340 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.8	71.6
63	33.9	24.3	36.5

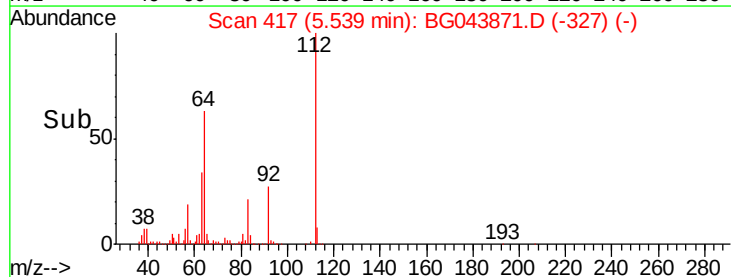
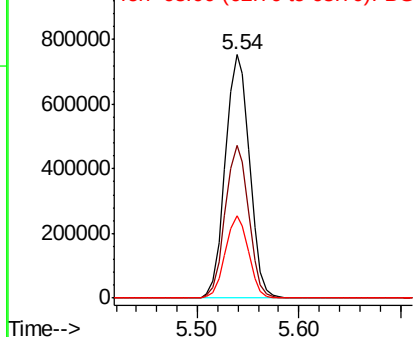


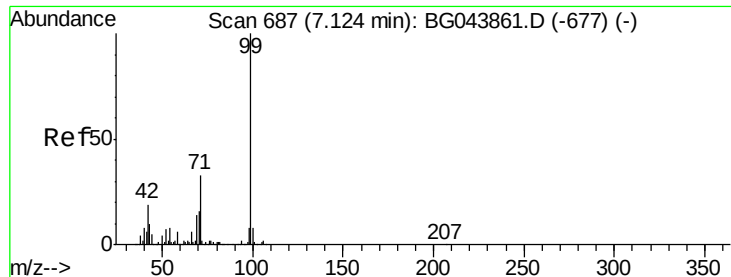
Abundance

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: 152.278 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

Instrument :

BNA_G

ClientSampleId :

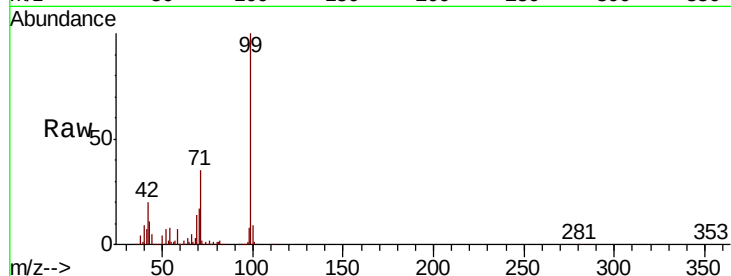
Tot Ion: 99 Resp: 1718047

Ion Ratio Lower Upper

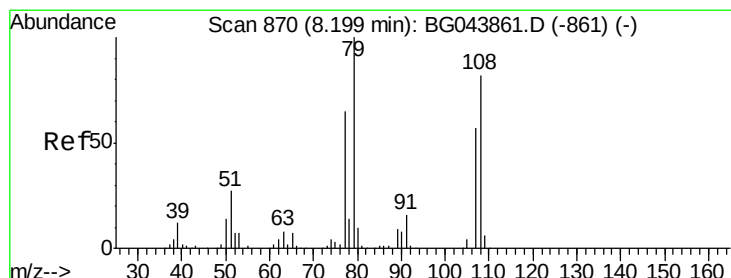
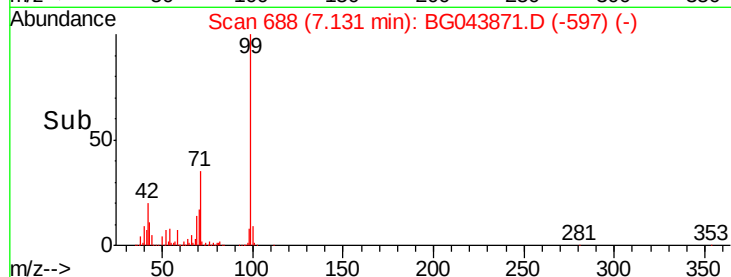
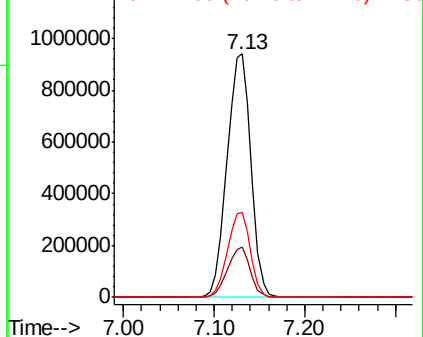
99 100

42 20.5 14.9 22.3

71 34.9 26.4 39.6



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: 2.012 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

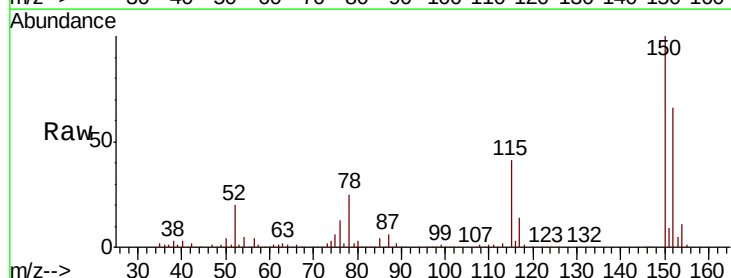
Tgt Ion: 79 Resp: 17915

Ion Ratio Lower Upper

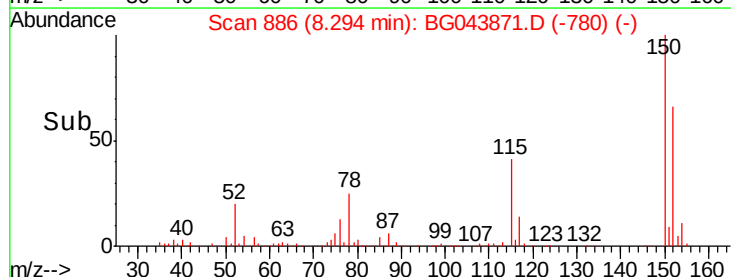
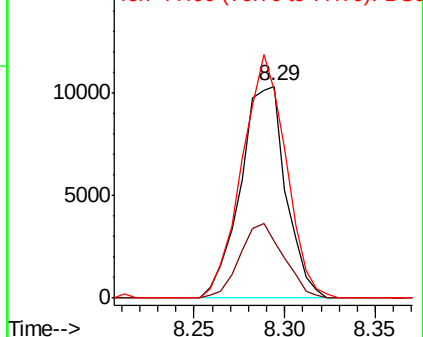
79 100

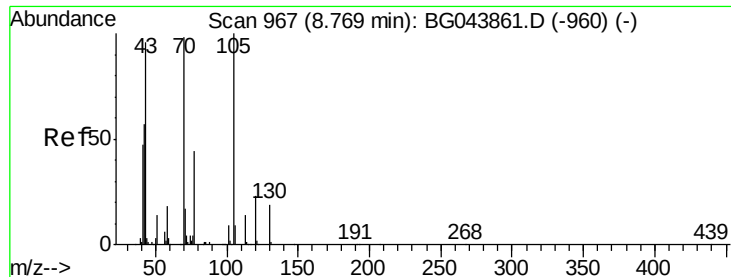
108 26.7 65.6 98.4#

77 97.7 52.0 78.0#



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

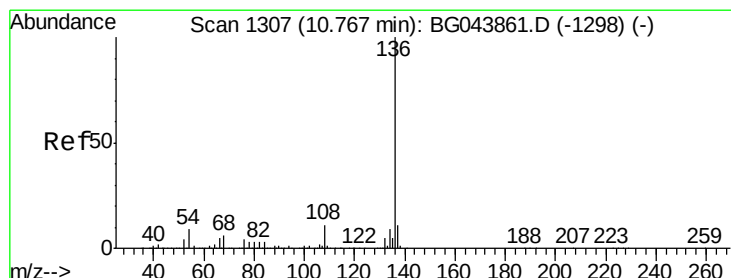
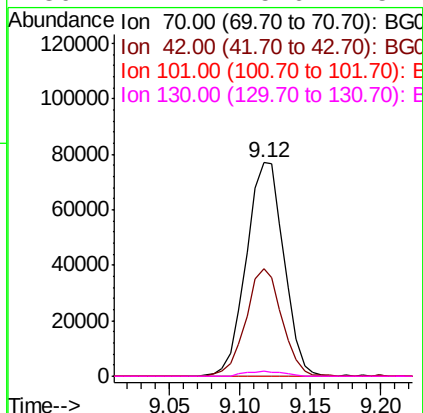
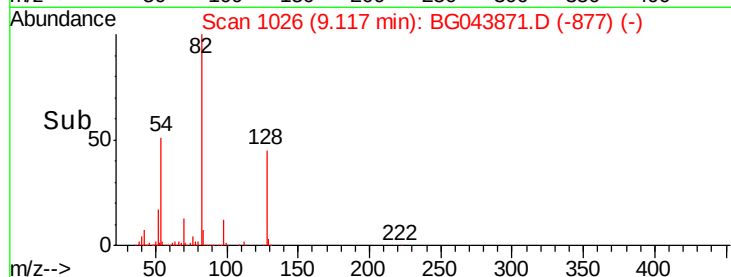
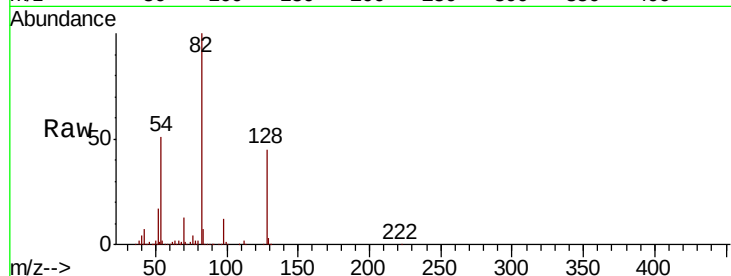




#19
n-Nitroso-di-n-propylamine
Concen: 17.144 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

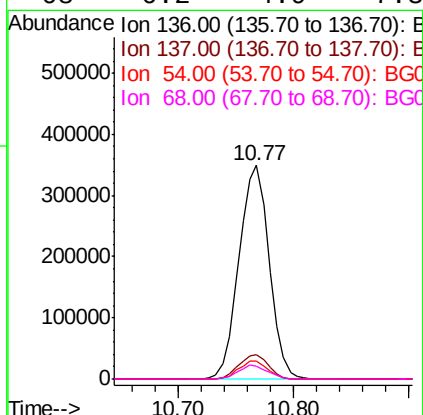
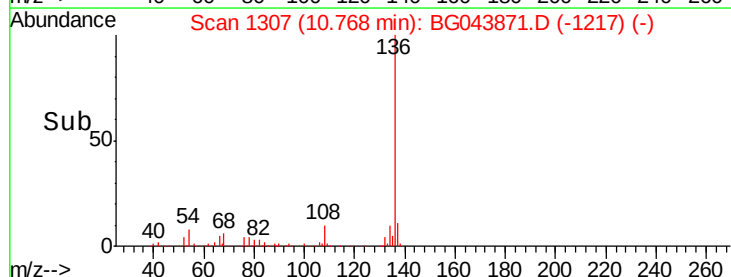
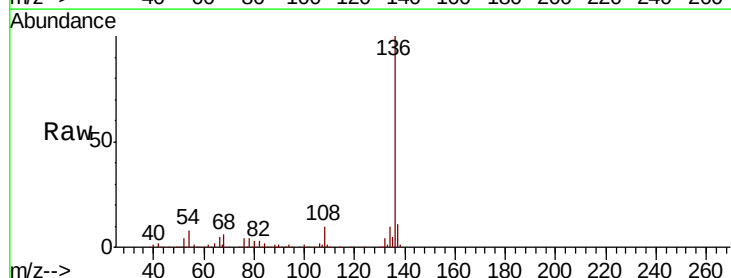
Instrument :
BNA_G
ClientSampleId :

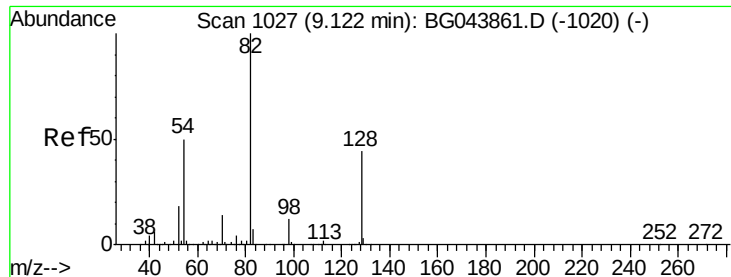
Tot Ion: 70 Resp: 144046
Ion Ratio Lower Upper
70 100
42 50.3 47.0 70.4
101 0.0 7.2 10.8#
130 2.4 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Tgt Ion: 136 Resp: 632043
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 7.0 10.4
68 6.2 4.9 7.3



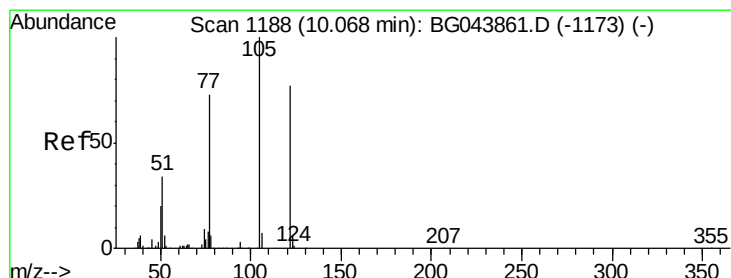
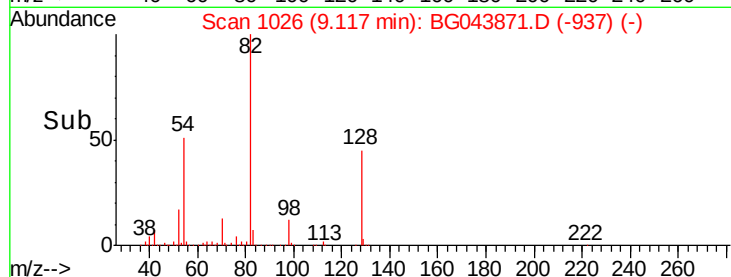
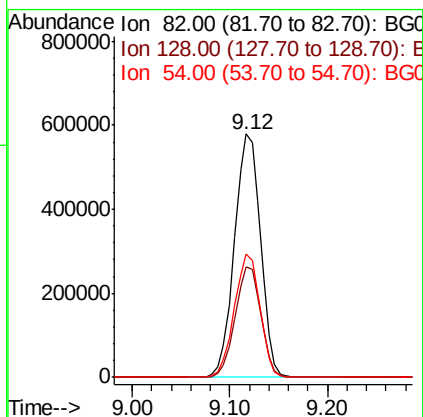
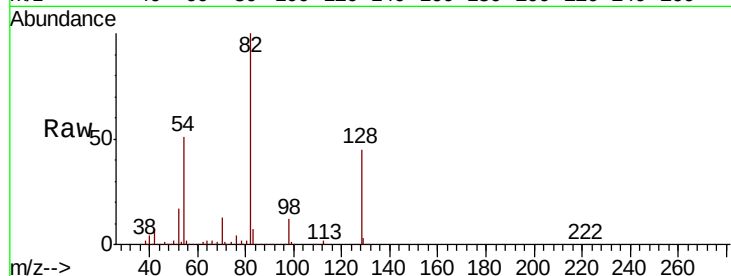


#23
 Nitrobenzene-d5
 Concen: 91.057 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1075822

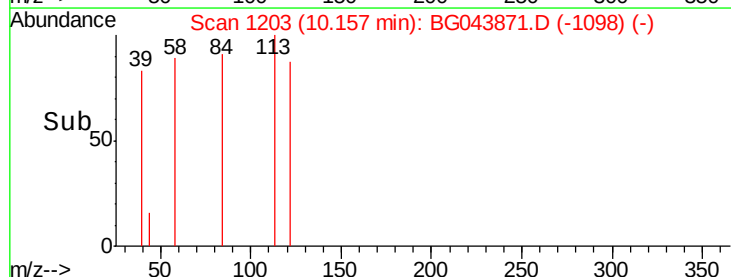
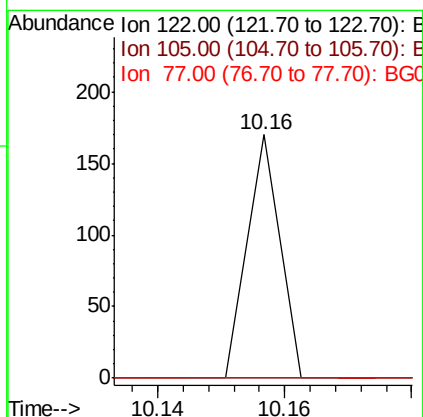
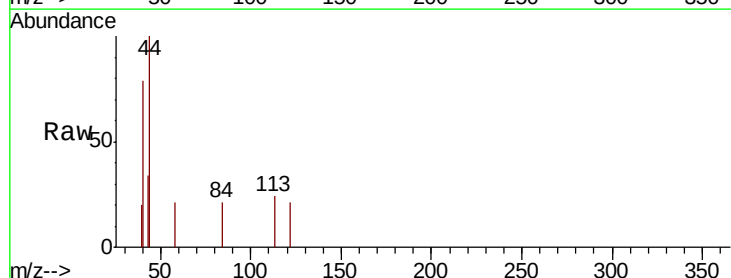
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	50.7	40.1	60.1

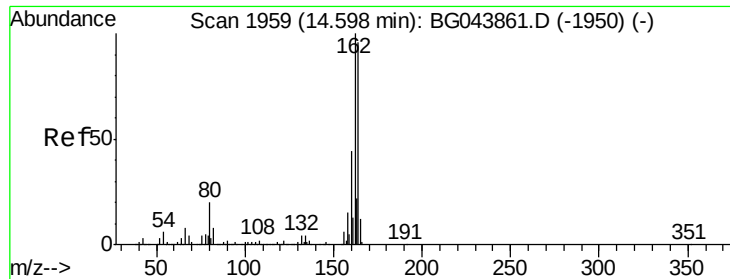


#32
 Benzoic acid
 Concen: 6.270 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. 0.09 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Tgt Ion: 122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

Instrument :

BNA_G

ClientSampleId :

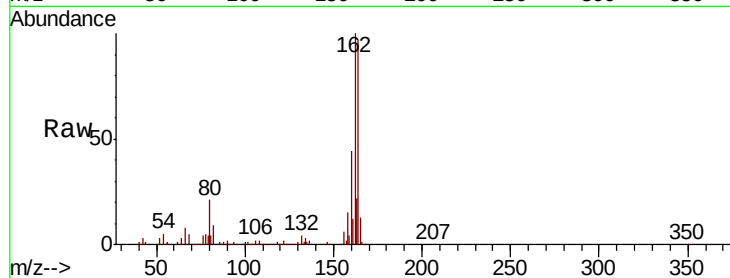
Tot Ion:164 Resp: 422159

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

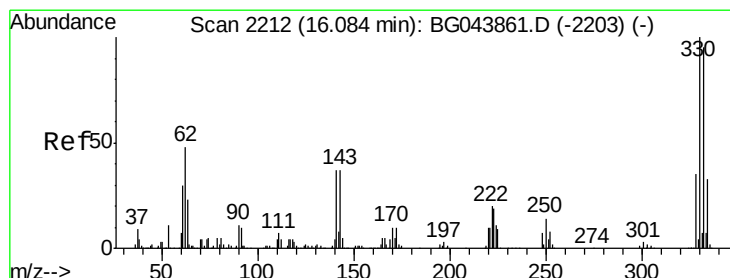
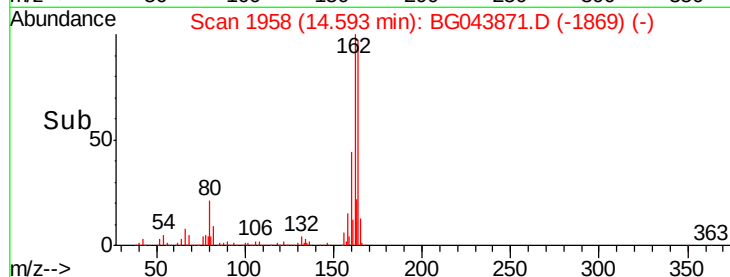
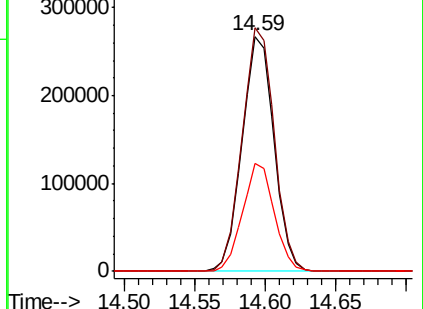
160 45.7 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 156.068 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043871.D

Acq: 2 Jan 2020 12:03

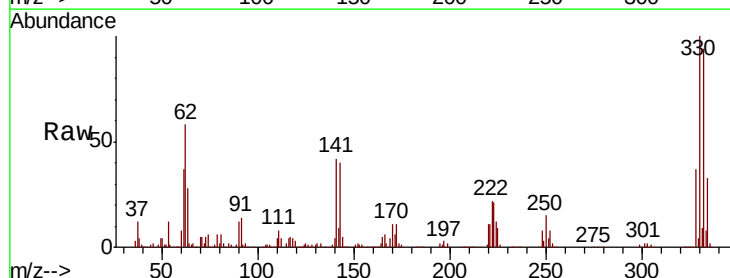
Tgt Ion:330 Resp: 689477

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

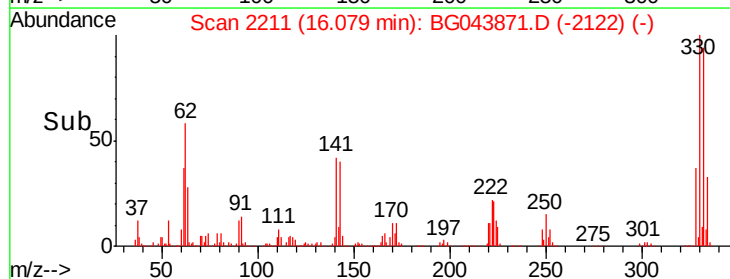
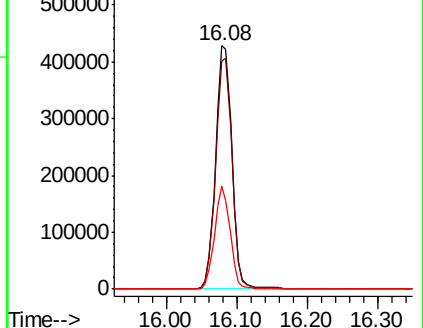
141 40.5 33.1 49.7

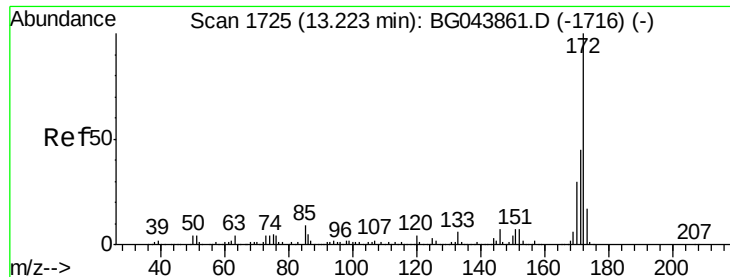


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

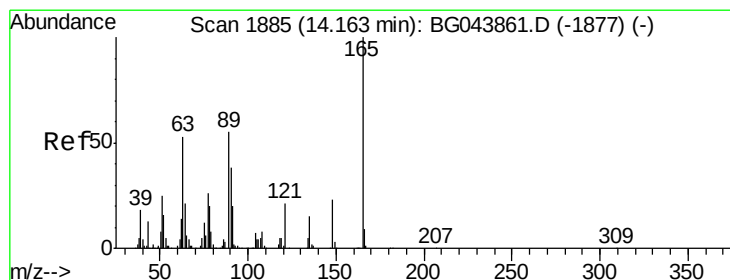
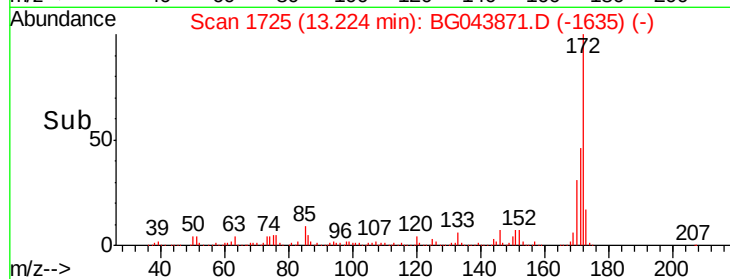
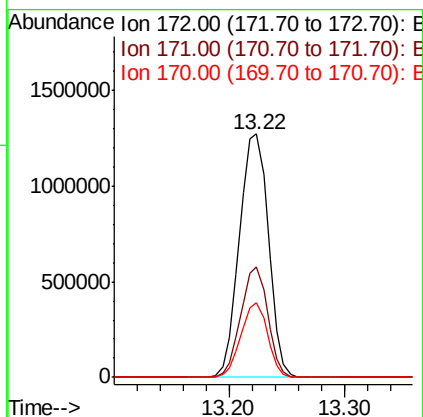
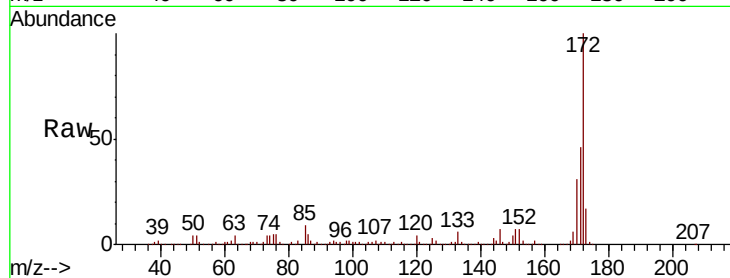




#45
2-Fluorobiphenyl
Concen: 95.552 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

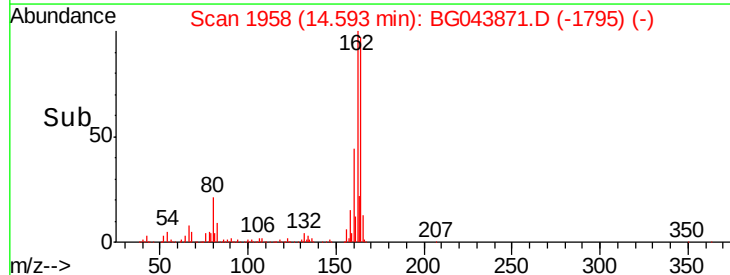
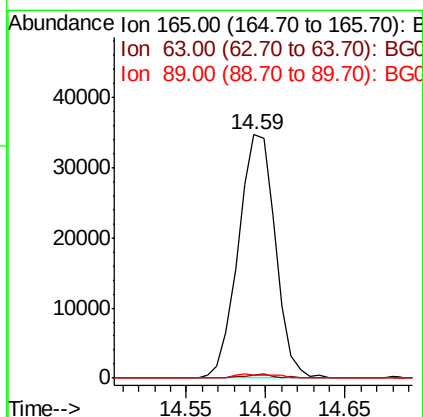
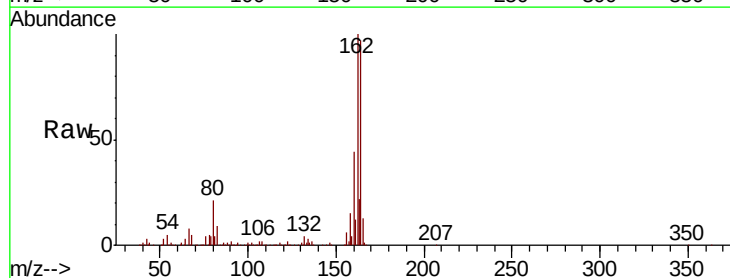
Instrument :
BNA_G
ClientSampleId :

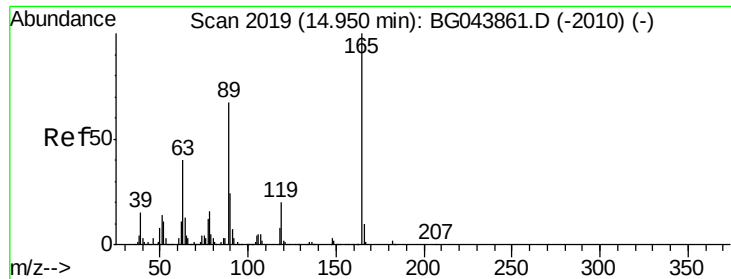
Tot Ion:172 Resp: 2226459
Ion Ratio Lower Upper
172 100
171 45.5 35.8 53.8
170 30.5 24.2 36.4



#51
2,6-Dinitrotoluene
Concen: 8.276 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Tgt Ion:165 Resp: 56071
Ion Ratio Lower Upper
165 100
63 1.2 43.1 64.7#
89 1.3 43.8 65.6#

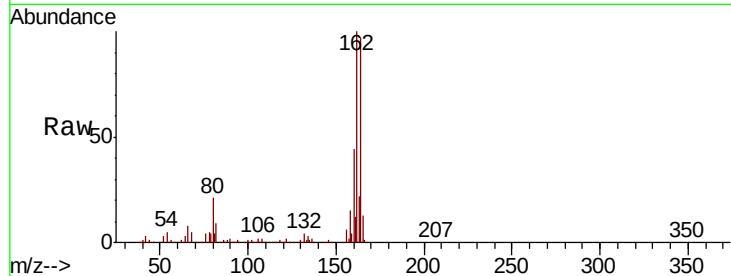




#57
 2,4-Dinitrotoluene
 Concen: 6.082 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.36 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



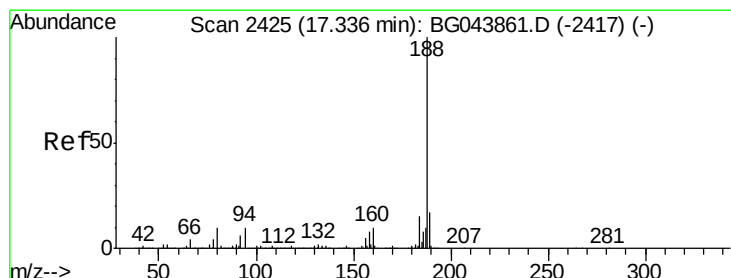
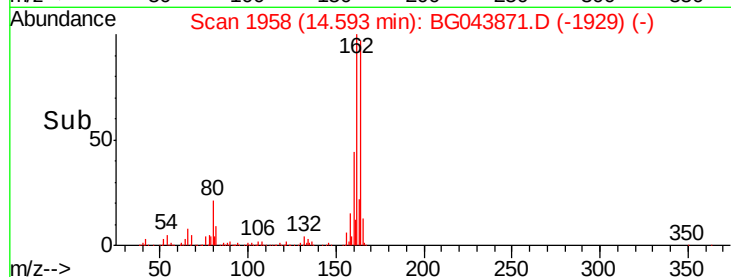
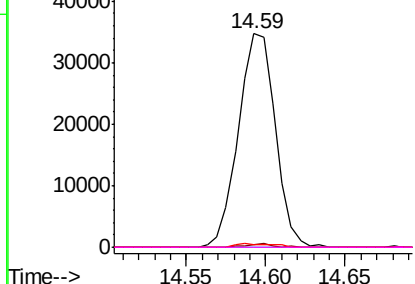
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

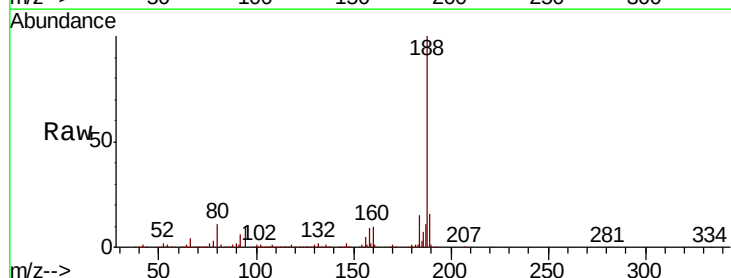
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.9	11.9
80	11.0	8.2	12.4

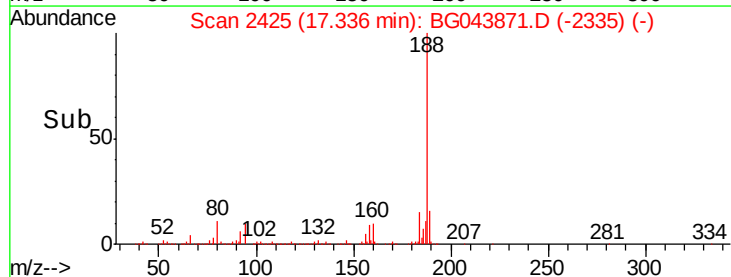
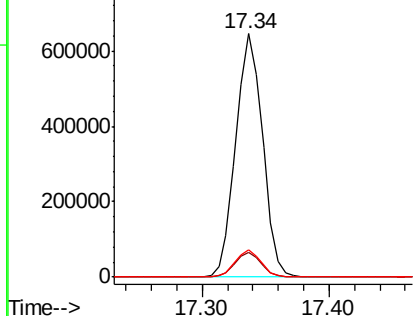


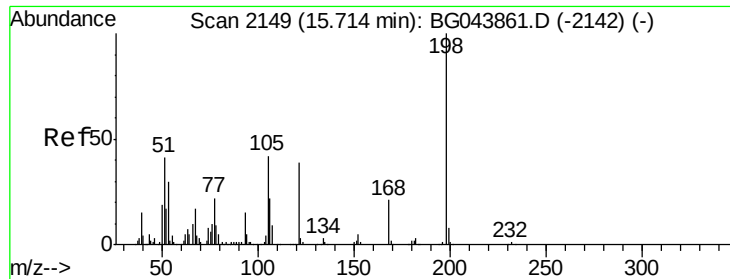
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

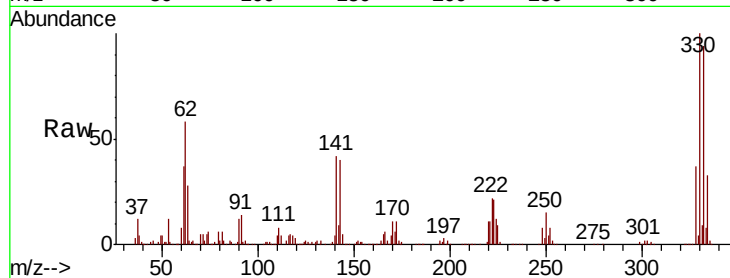




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.859 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. 0.37 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	120.8	22.5	62.5#
105	156.5	22.3	62.3#

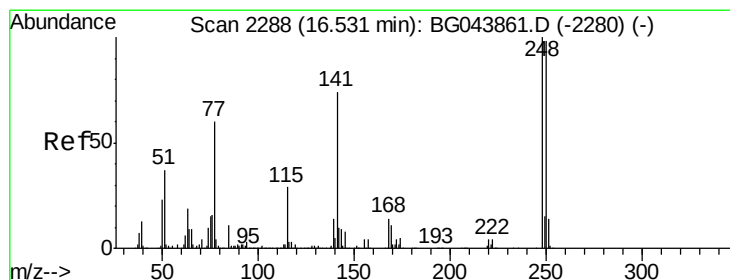
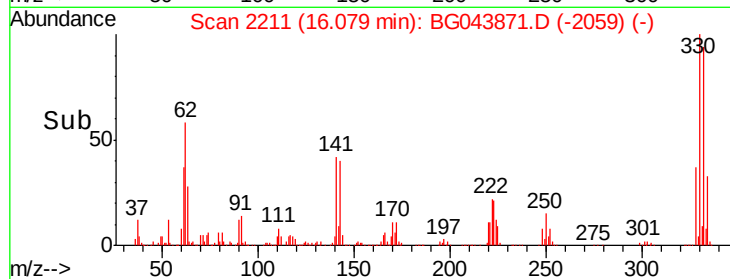
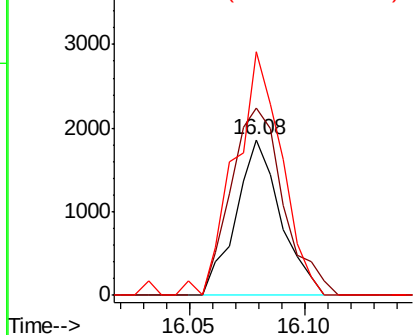


Abundance

Ion 198.00 (197.70 to 198.70): E

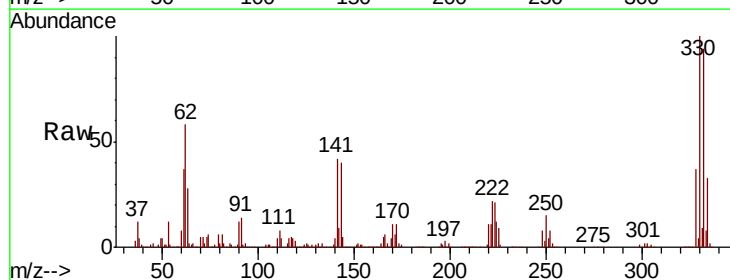
Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 4.797 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.45 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.1	78.2	117.2#
141	540.5	59.3	88.9#

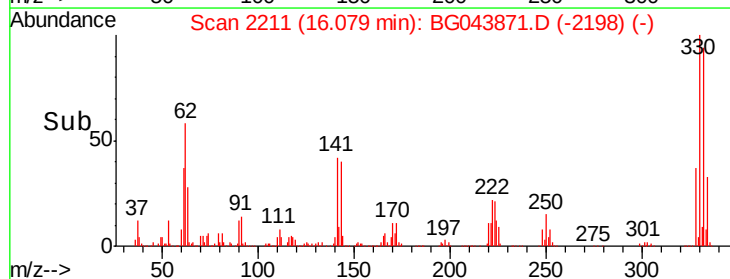
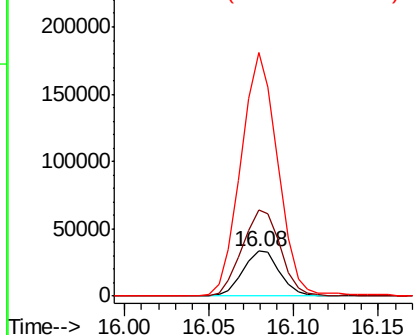


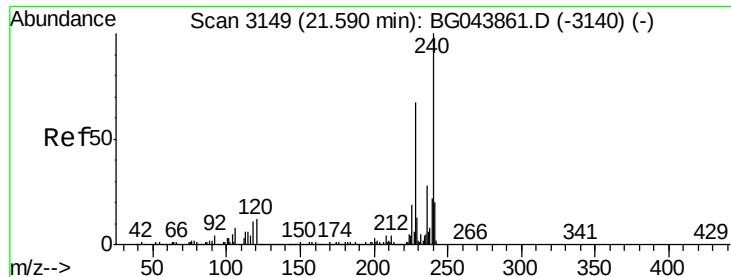
Abundance

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

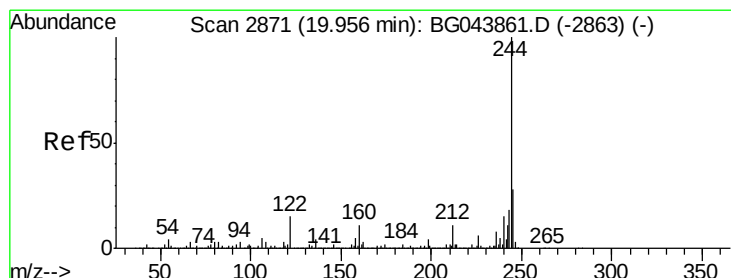
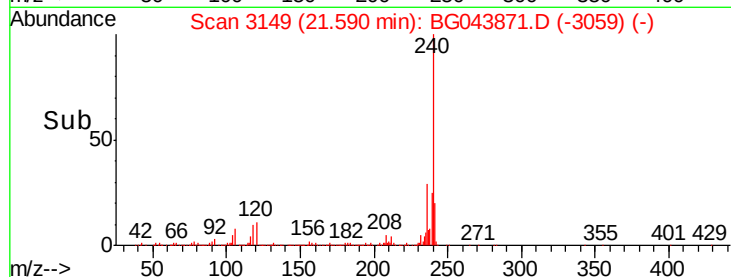
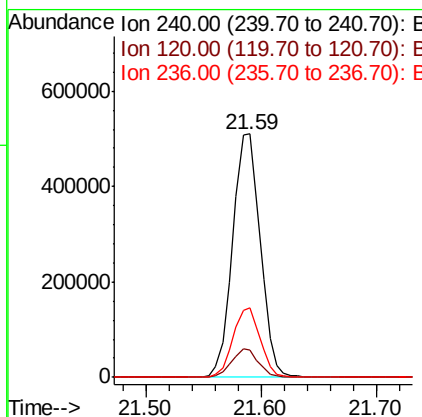
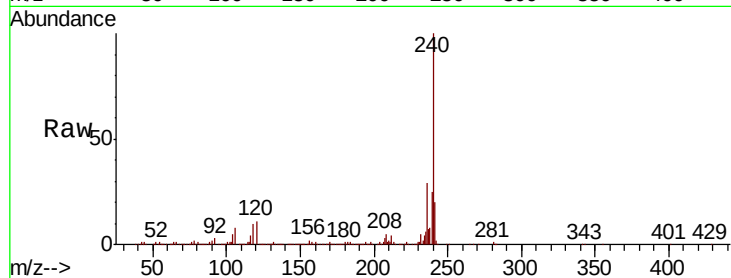




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

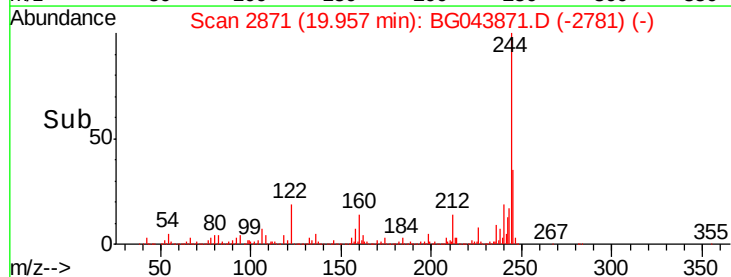
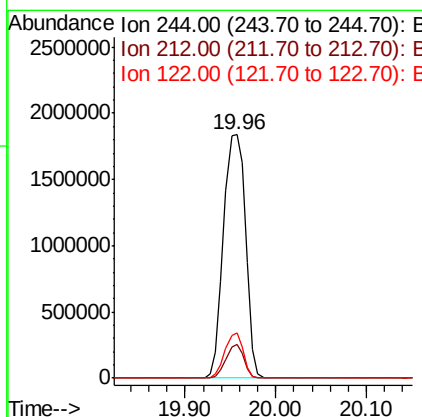
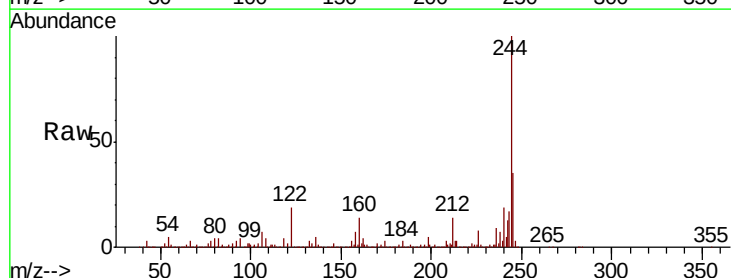
Instrument :
 BNA_G
 ClientSampleId :

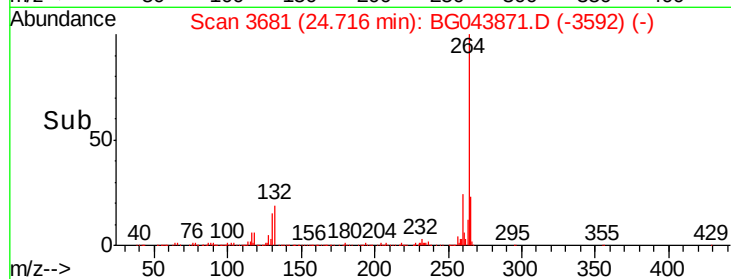
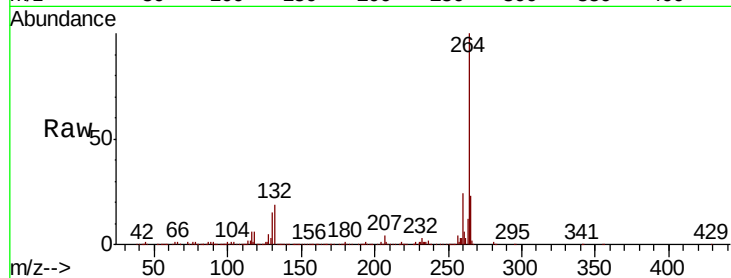
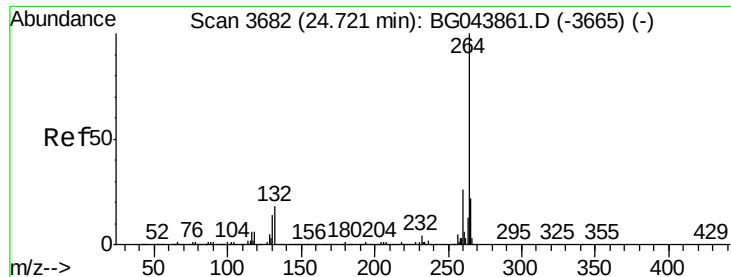
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.6	22.2	33.2



#79
 Terphenyl-d14
 Concen: 89.902 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG043871.D
 Acq: 2 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.9	8.6	13.0#
122	18.7	11.9	17.9#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043871.D
Acq: 2 Jan 2020 12:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	23.0	17.4	26.2

