

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG048998.D
 Acq On : 16 Jun 2021 14:14
 Operator : CG/JU
 Sample : M2678-08RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0242-AMND-COMP-G(CL-07)RX

Quant Time: Jun 16 14:54:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

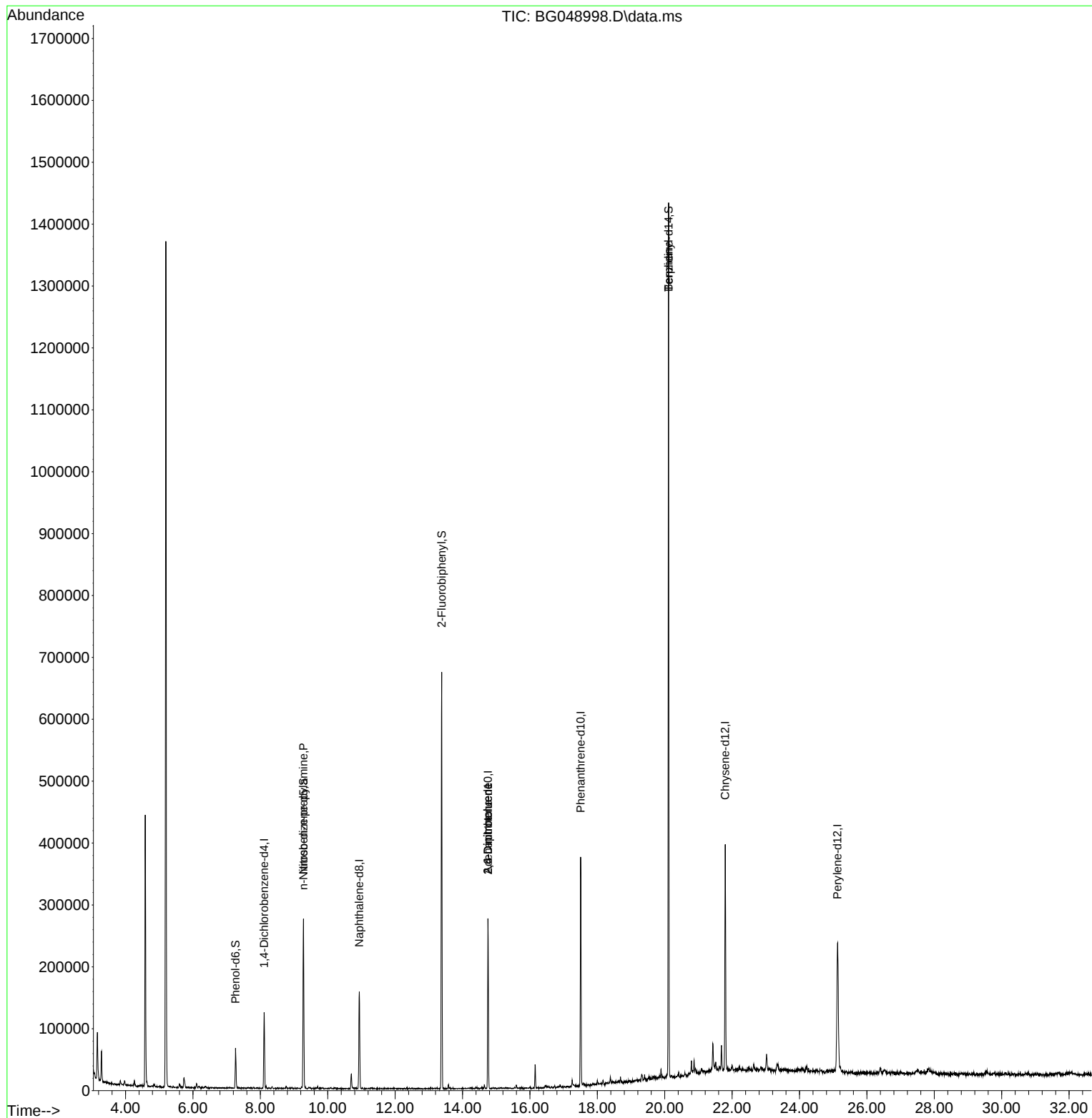
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	31775	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	128179	20.000	ng	# 0.00
39) Acenaphthene-d10	14.755	164	94307	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	232304	20.000	ng	# 0.00
76) Chrysene-d12	21.794	240	232431	20.000	ng	0.00
86) Perylene-d12	25.126	264	235629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	77	0.038	ng	0.01
7) Phenol-d6	7.264	99	31486	10.292	ng	0.00
23) Nitrobenzene-d5	9.279	82	162625	54.708	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.381	172	338494	50.704	ng	0.00
79) Terphenyl-d14	20.114	244	641644	50.558	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	23059	9.643	ng	# 76
51) 2,6-Dinitrotoluene	14.755	165	12714	8.499	ng	# 14
57) 2,4-Dinitrotoluene	14.755	165	12714	6.919	ng	# 20
77) Benzidine	20.114	184	12356	2.639	ng	# 91

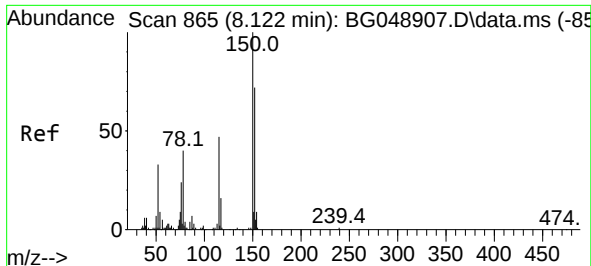
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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0242-AMND-COMP-G(CL-07)RX

Quant Time: Jun 16 14:54:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
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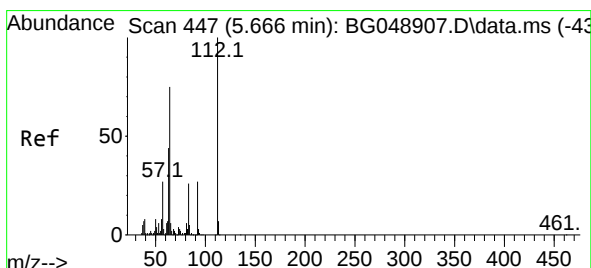
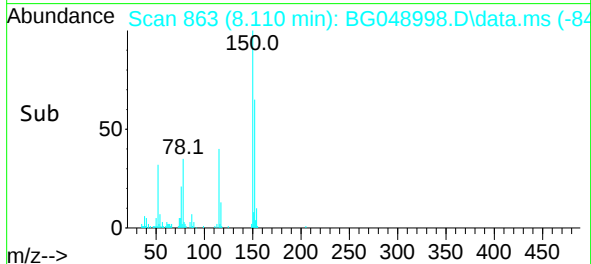
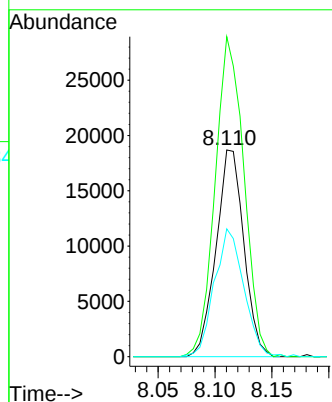
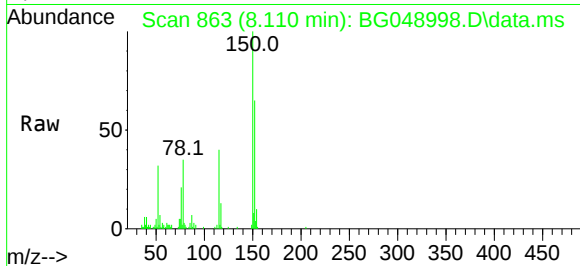




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

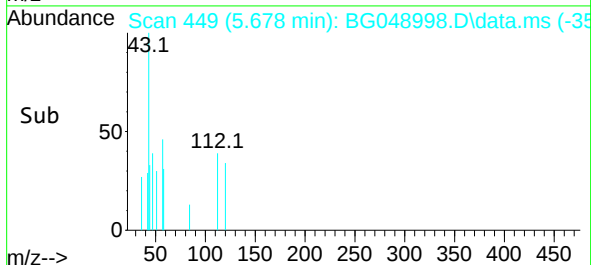
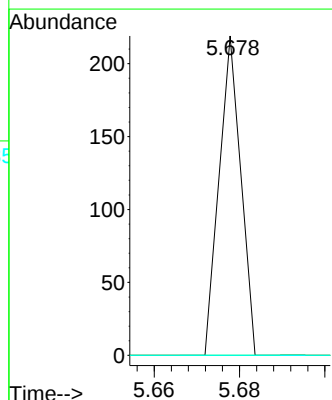
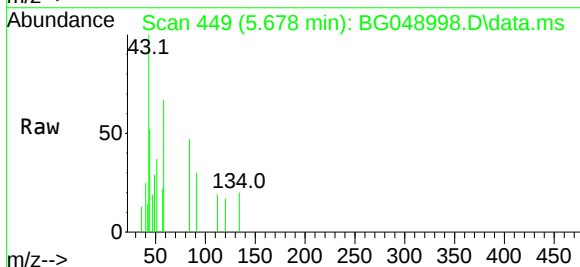
Instrument :
BNA_G
ClientSampleId :
0242-AMND-COMP-G(CL-07)RX

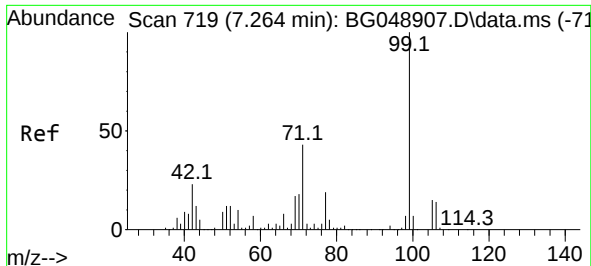
Tgt Ion:152 Resp: 31775
Ion Ratio Lower Upper
152 100
150 154.8 119.4 179.0
115 61.8 60.2 90.4



#5
2-Fluorophenol
Concen: 0.038 ng
RT: 5.678 min Scan# 449
Delta R.T. 0.014 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
64 0.0 46.7 70.1#
63 0.0 35.3 52.9#

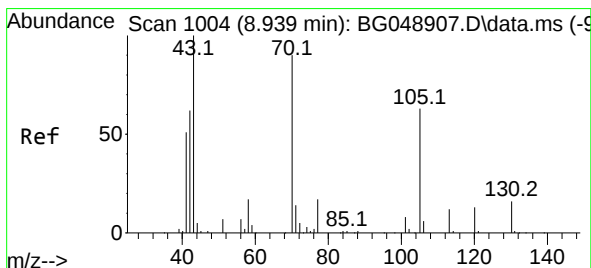
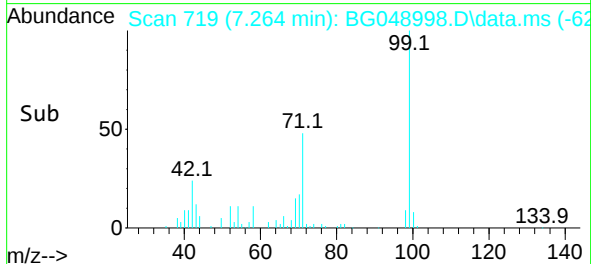
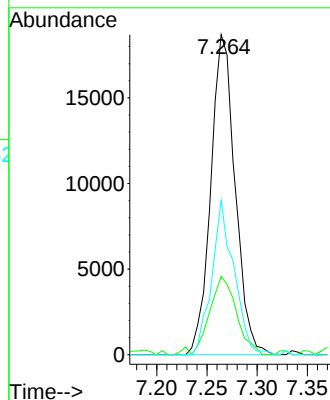
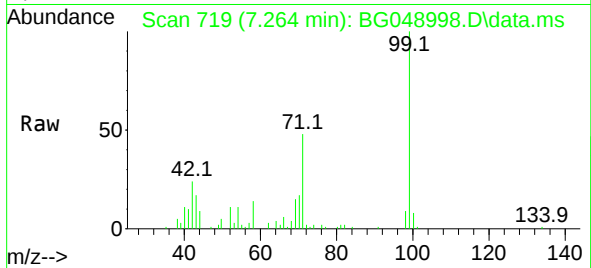




#7
Phenol-d6
Concen: 10.292 ng
RT: 7.264 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

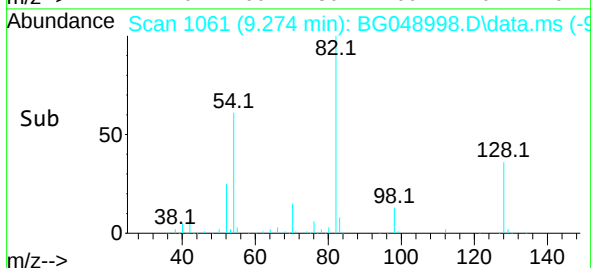
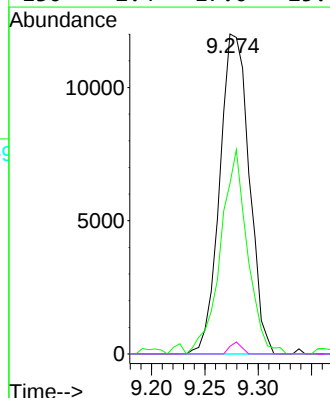
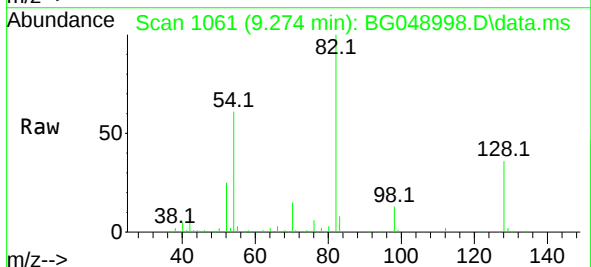
Instrument :
BNA_G
ClientSampleId :
0242-AMND-COMP-G(CL-07)RX

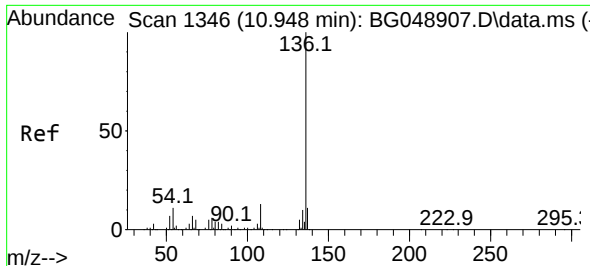
Tgt Ion:	99	Resp:	31486
Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.5	30.7
71	48.3	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.643 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.349 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

Tgt Ion:	70	Resp:	23059
Ion	Ratio	Lower	Upper
70	100		
42	53.2	54.5	81.7#
101	0.0	9.0	13.6#
130	2.4	17.0	25.6#

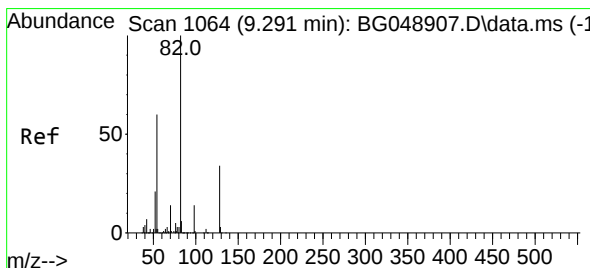
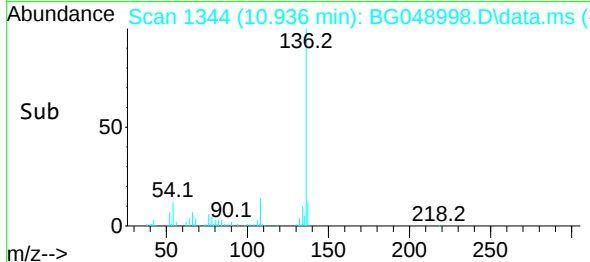
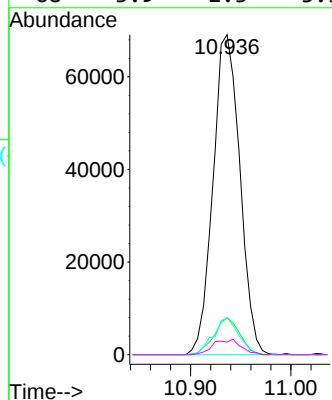
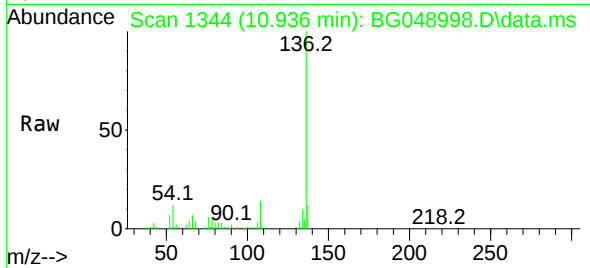




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

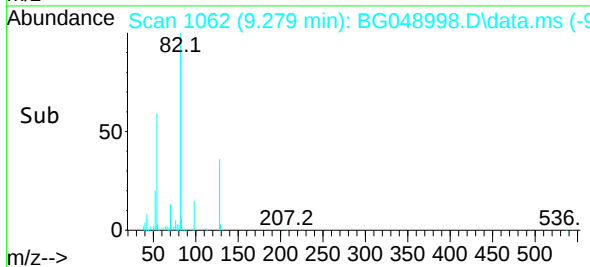
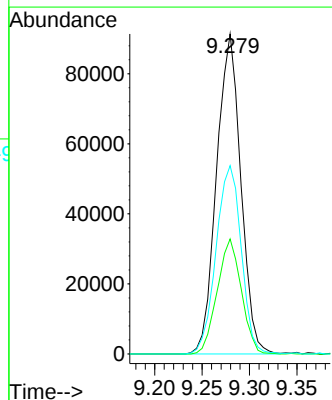
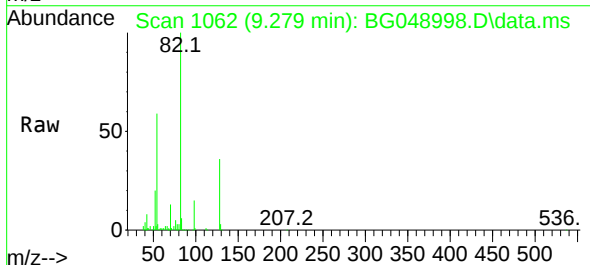
Instrument :
BNA_G
ClientSampleId :
0242-AMND-COMP-G(CL-07)RX

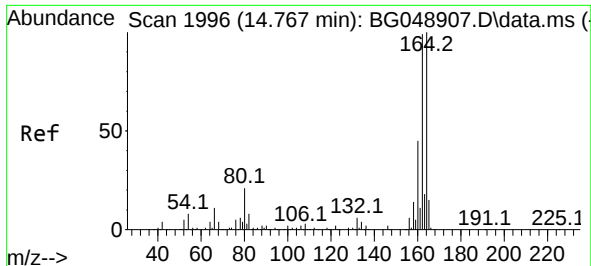
Tgt Ion:136	Resp:	128179
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.2 12.2
54	11.5	5.5 8.3#
68	3.9	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 54.708 ng
RT: 9.279 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

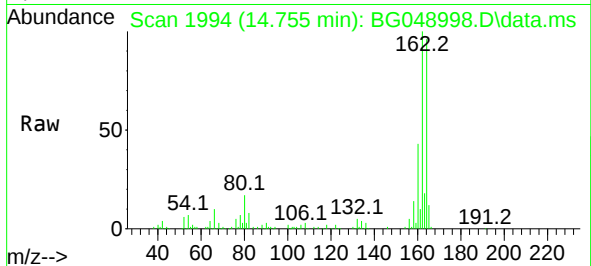
Tgt Ion: 82	Resp:	162625
Ion Ratio	Lower	Upper
82	100	
128	35.9	29.8 44.6
54	58.8	45.8 68.8



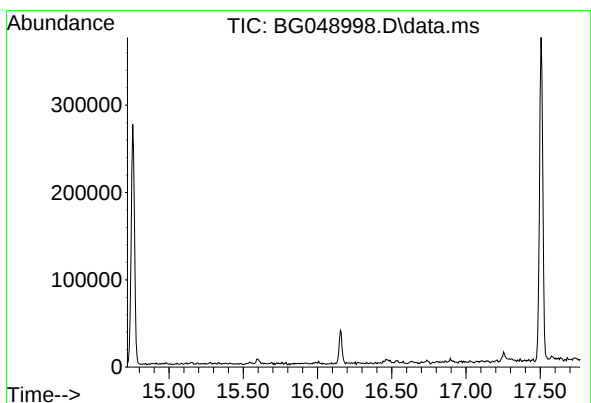
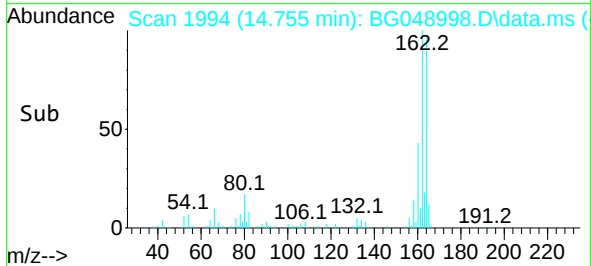
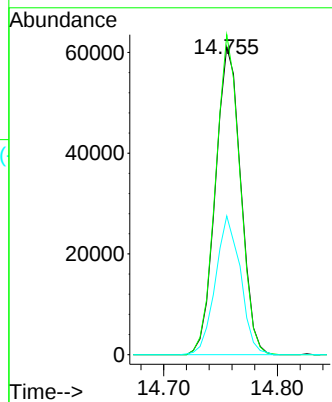


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.755 min Scan# 1994
 Delta R.T. -0.003 min
 Lab File: BG048998.D
 Acq: 16 Jun 2021 14:14

Instrument :
 BNA_G
 ClientSampleId :
 0242-AMND-COMP-G(CL-07)RX



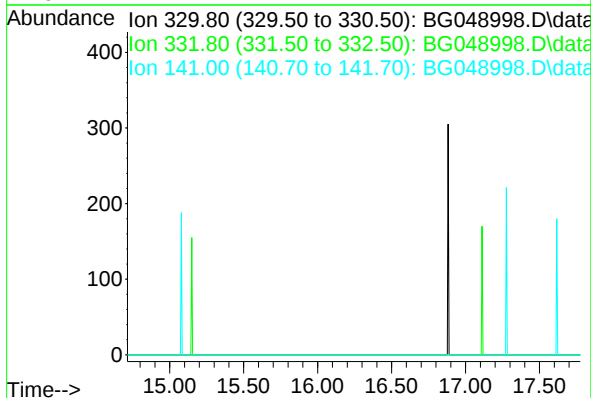
Tgt Ion:164 Resp: 94307
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.4 122.0
 160 45.1 34.9 52.3

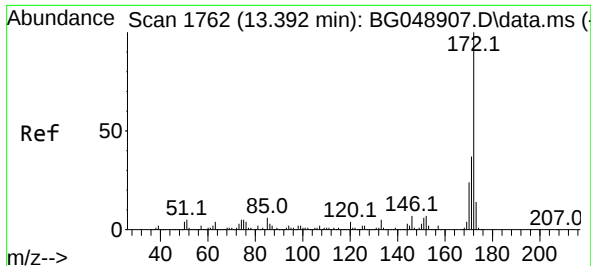


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.25 min

Lab File: BG048998.D
 Acq: 16 Jun 2021 14:14

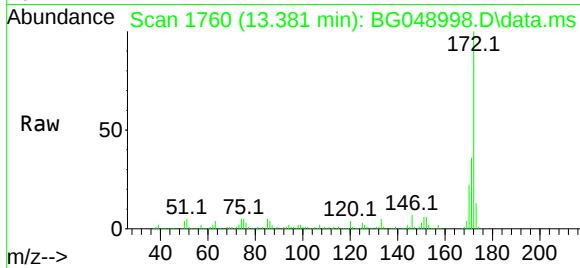
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 44.5



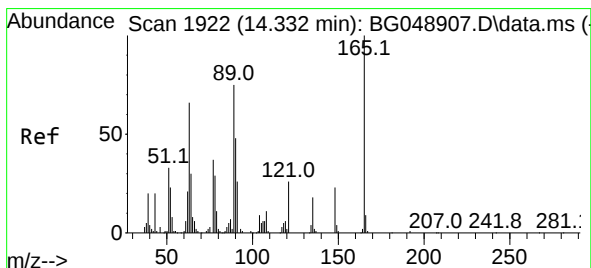
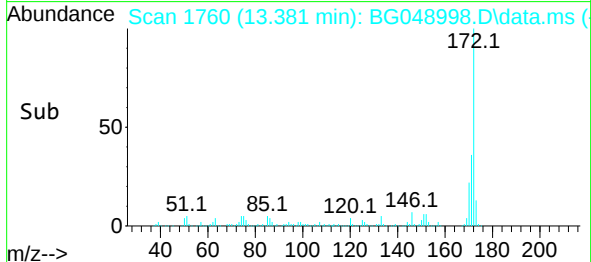
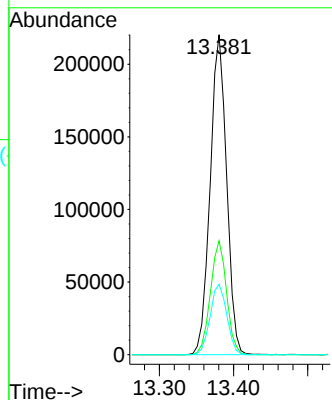


#45
2-Fluorobiphenyl
Concen: 50.704 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

Instrument :
BNA_G
ClientSampleId :
0242-AMND-COMP-G(CL-07)RX

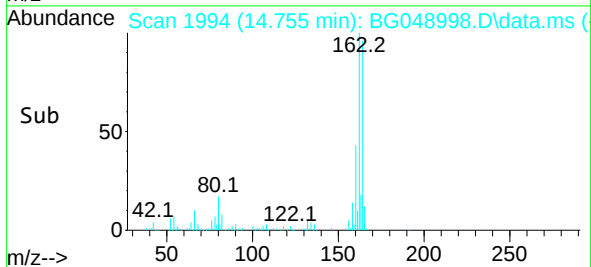
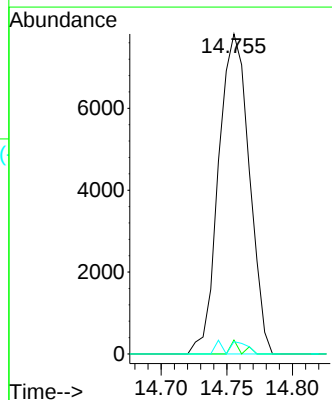
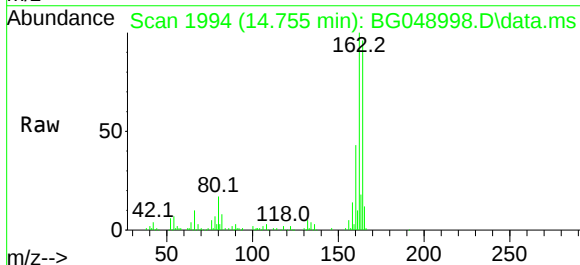


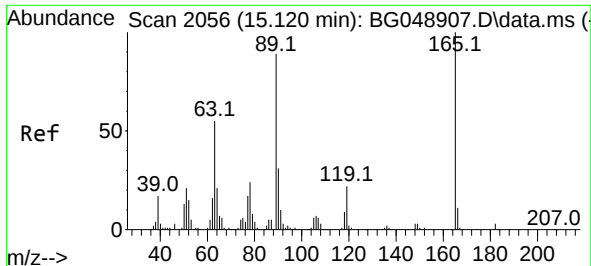
Tgt Ion:172 Resp: 338494
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 22.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.499 ng
RT: 14.755 min Scan# 1994
Delta R.T. 0.431 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

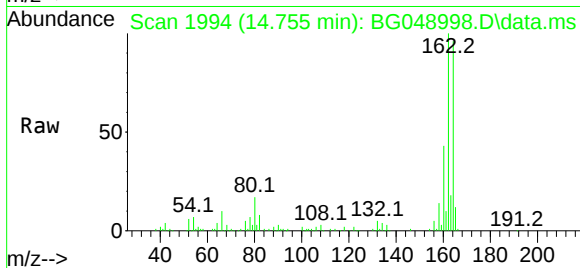
Tgt Ion:165 Resp: 12714
Ion Ratio Lower Upper
165 100
63 4.3 63.3 94.9#
89 3.9 63.4 95.0#



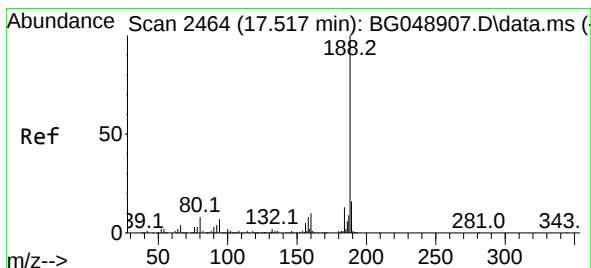
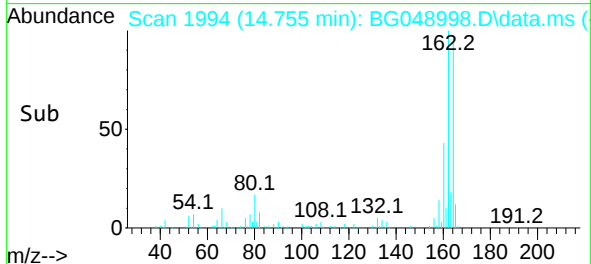
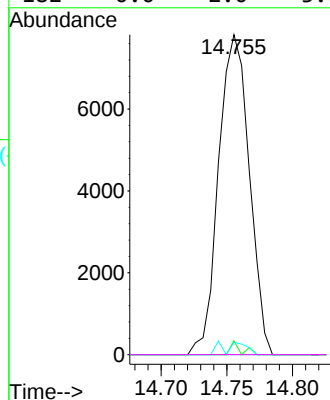


#57
2,4-Dinitrotoluene
Concen: 6.919 ng
RT: 14.755 min Scan# 1994
Delta R.T. -0.356 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

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ClientSampleId :
0242-AMND-COMP-G(CL-07)RX

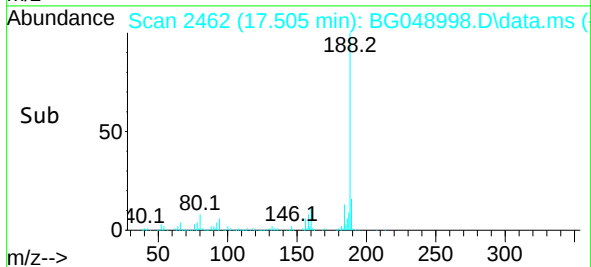
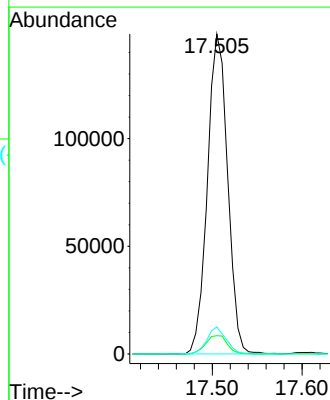
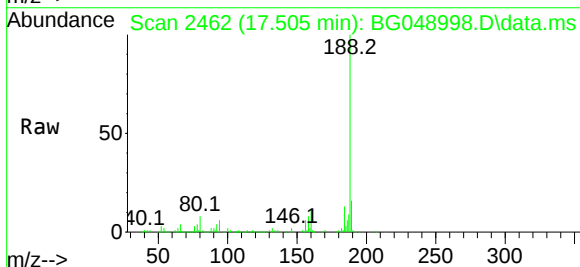


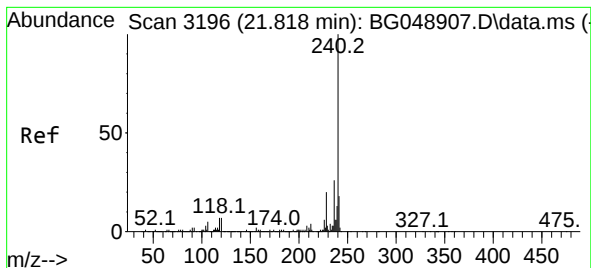
Tgt Ion:165 Resp: 12714
Ion Ratio Lower Upper
165 100
63 4.3 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

Tgt Ion:188 Resp: 232304
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 8.5 3.7 5.5#

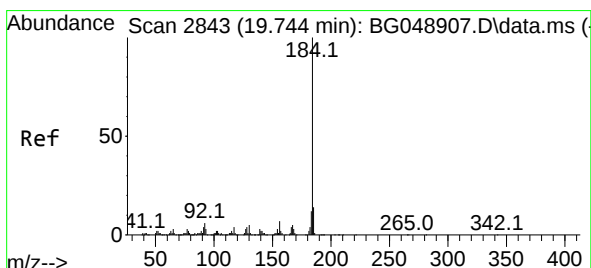
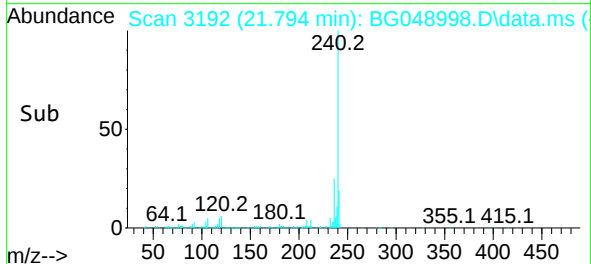
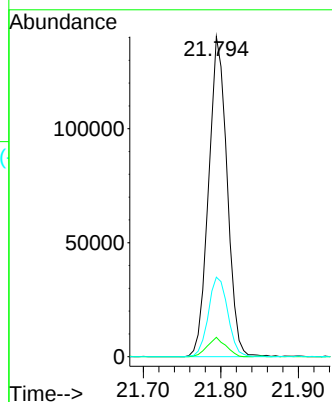
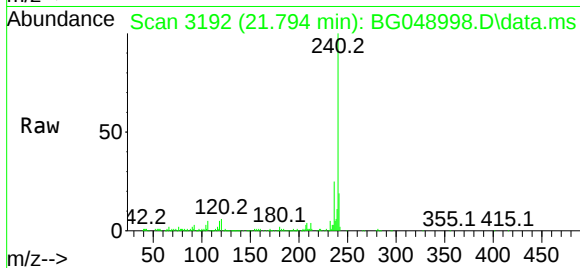




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

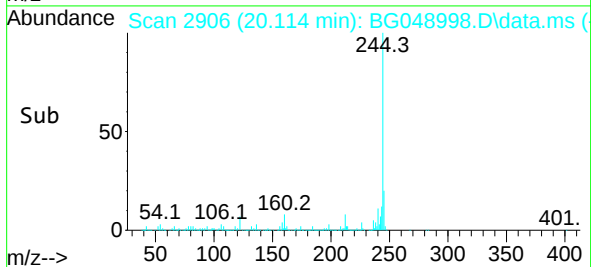
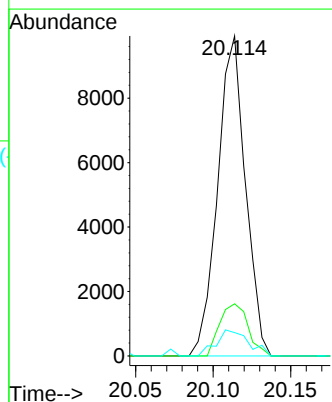
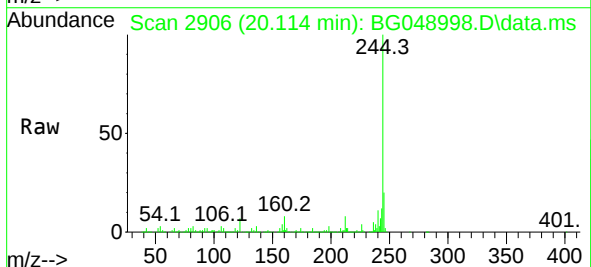
Instrument :
BNA_G
ClientSampleId :
0242-AMND-COMP-G(CL-07)RX

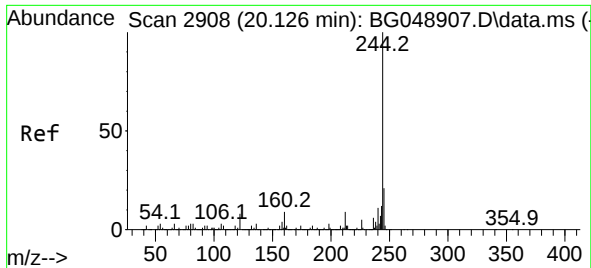
Tgt Ion:240 Resp: 232431
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.2
236 24.9 21.8 32.6



#77
Benzidine
Concen: 2.639 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.384 min
Lab File: BG048998.D
Acq: 16 Jun 2021 14:14

Tgt Ion:184 Resp: 12356
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 7.3 9.4 14.0#

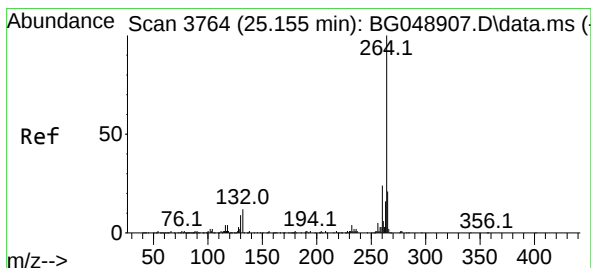
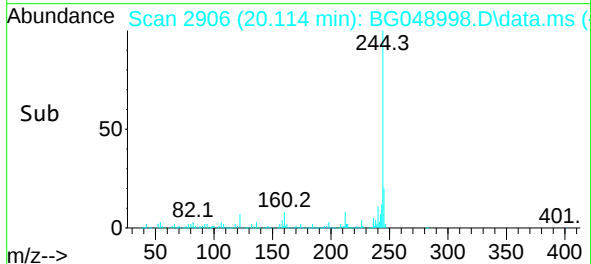
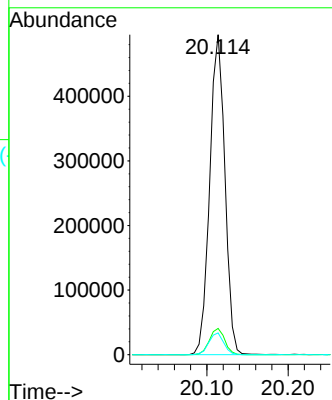
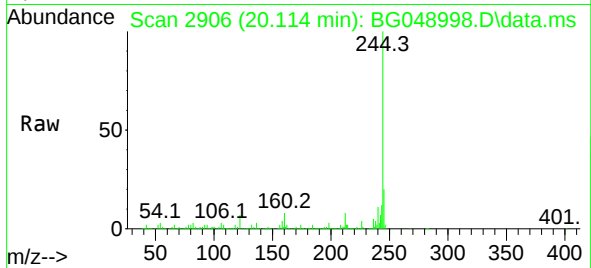




#79
 Terphenyl-d14
 Concen: 50.558 ng
 RT: 20.114 min Scan# 2906
 Delta R.T. 0.003 min
 Lab File: BG048998.D
 Acq: 16 Jun 2021 14:14

Instrument :
 BNA_G
 ClientSampleId :
 0242-AMND-COMP-G(CL-07)RX

Tgt Ion:244 Resp: 641644
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.8 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.126 min Scan# 3759
 Delta R.T. -0.003 min
 Lab File: BG048998.D
 Acq: 16 Jun 2021 14:14

Tgt Ion:264 Resp: 235629
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 22.2 16.9 25.3

