

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048861.D
 Acq On : 23 Apr 2021 13:31
 Operator : CG/JU
 Sample : M2107-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-31-0-2.0

Quant Time: Apr 23 14:30:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

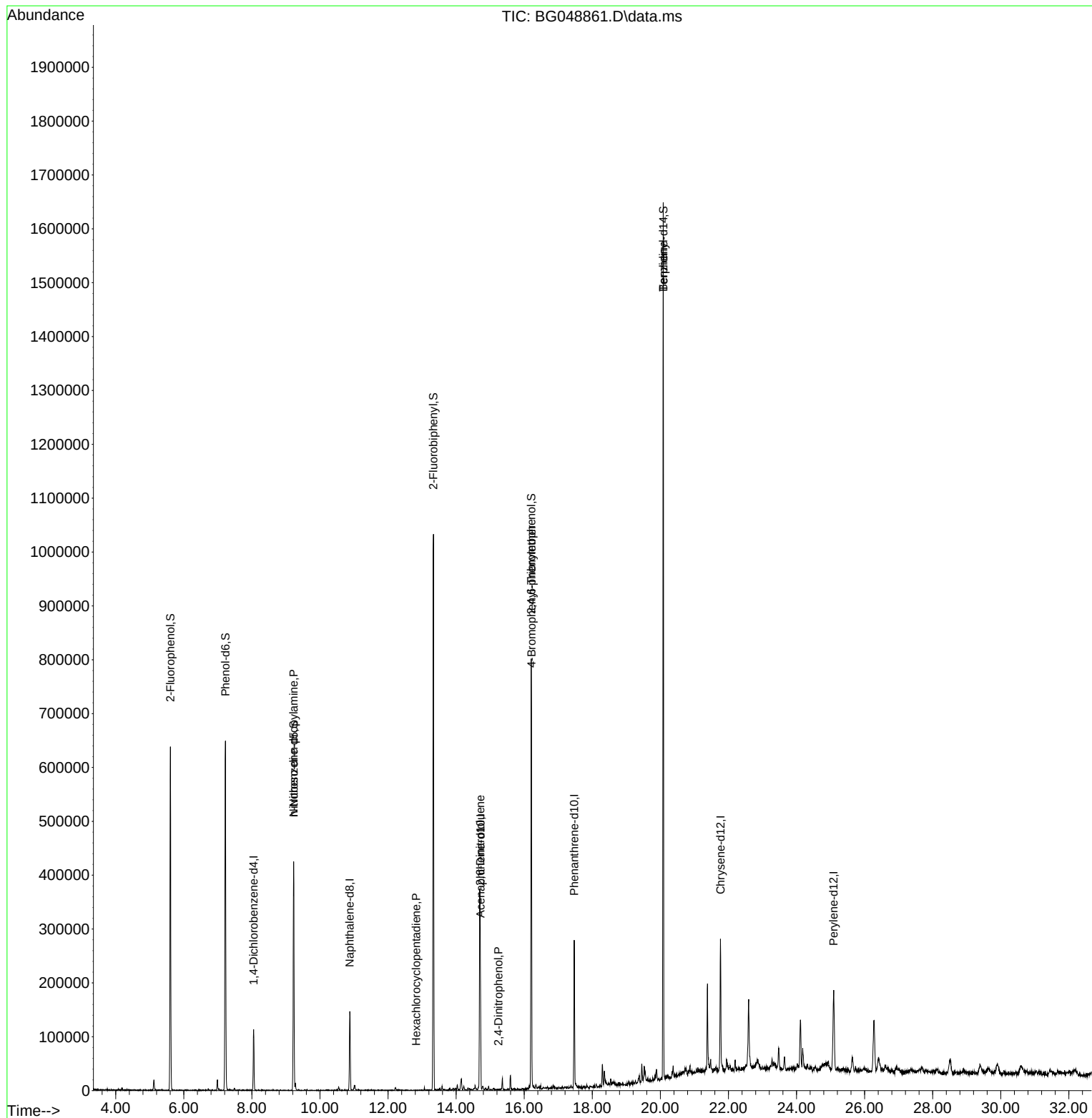
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	27861	20.00	ng	0.00
21) Naphthalene-d8	10.878	136	117350	20.00	ng	#-0.02
39) Acenaphthene-d10	14.715	164	72715	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	161609	20.00	ng	# 0.00
76) Chrysene-d12	21.765	240	140387	20.00	ng	-0.01
86) Perylene-d12	25.091	264	138004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	244070	146.52	ng	0.00
7) Phenol-d6	7.224	99	320578	136.05	ng	0.00
23) Nitrobenzene-d5	9.227	82	240405	91.72	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	126408	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	508775	101.04	ng	0.00
79) Terphenyl-d14	20.085	244	693342	85.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.227	70	38462	24.19	ng	# 73
41) Hexachlorocyclopentadiene	12.829	237	138	5.96	ng	# 31
51) 2,6-Dinitrotoluene	14.709	165	10001	7.95	ng	# 17
54) 2,4-Dinitrophenol	15.244	184	53	5.35	ng	# 8
67) 4-Bromophenyl-phenylether	16.213	248	10318	5.55	ng	# 1
77) Benzidine	20.085	184	13927	3.65	ng	# 96

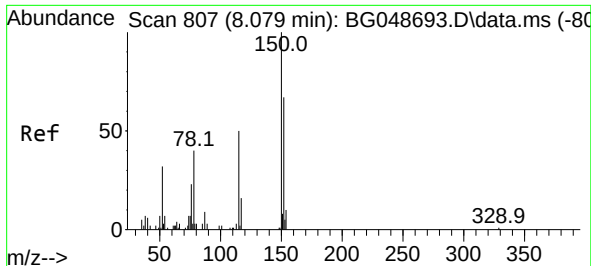
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-31-0-2.0

Quant Time: Apr 23 14:30:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

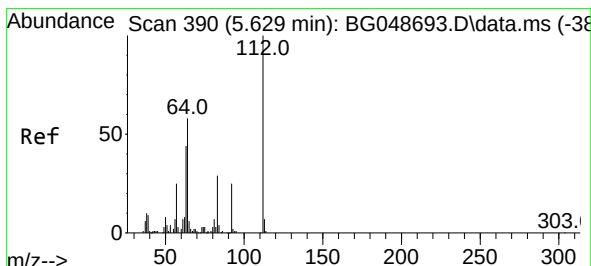
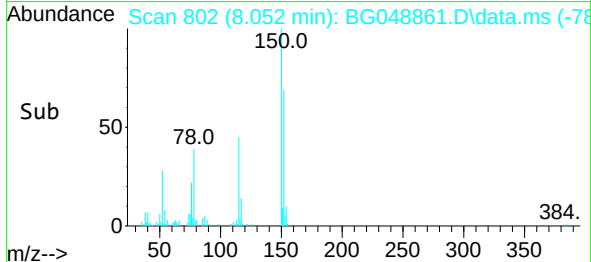
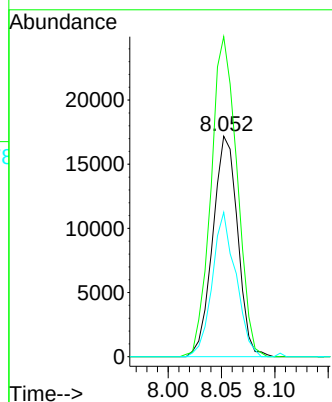
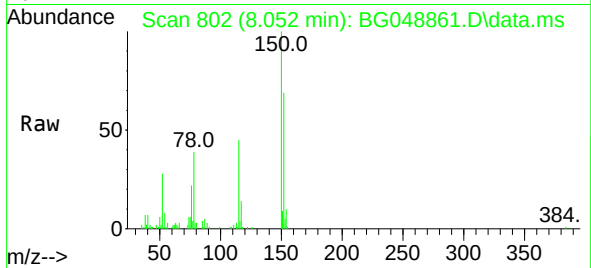




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.052 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

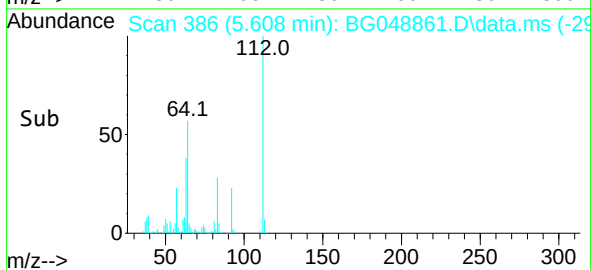
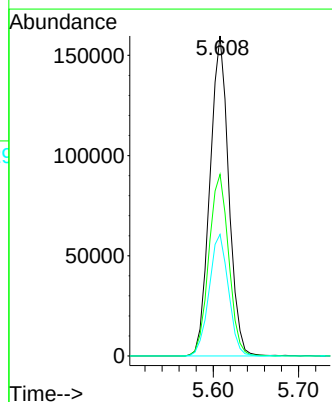
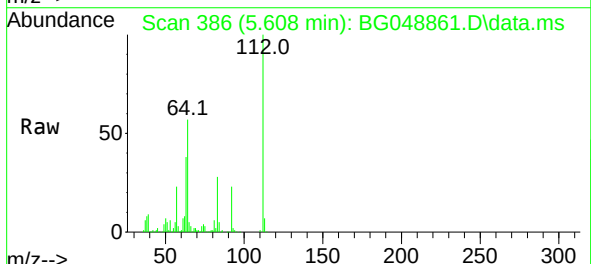
Instrument :
BNA_G
ClientSampleID :
SB-31-0-2.0

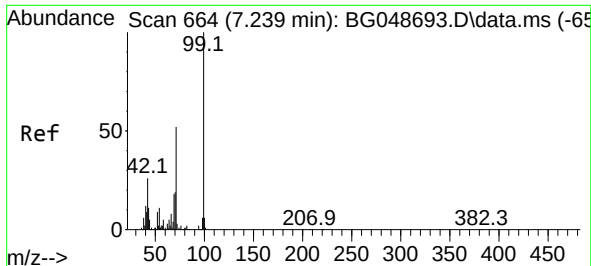
Tgt Ion:152 Resp: 27861
Ion Ratio Lower Upper
152 100
150 145.1 119.4 179.0
115 65.5 60.2 90.4



#5
2-Fluorophenol
Concen: 146.52 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:112 Resp: 244070
Ion Ratio Lower Upper
112 100
64 56.8 46.7 70.1
63 38.0 35.3 52.9

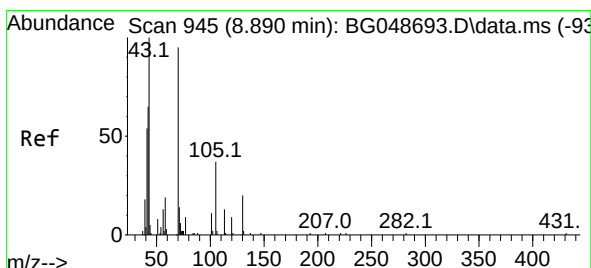
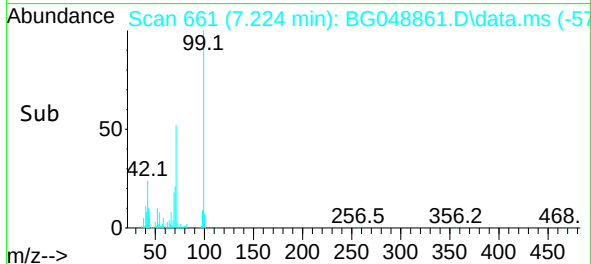
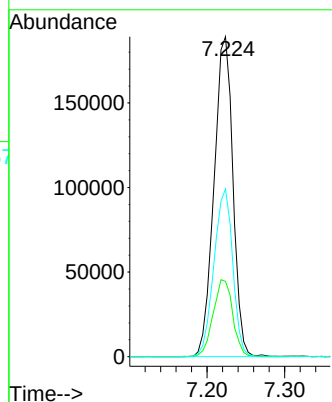
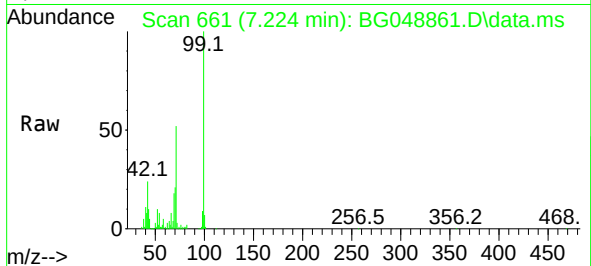




#7
Phenol-d6
Concen: 136.05 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

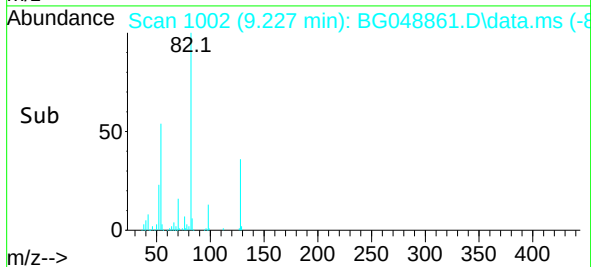
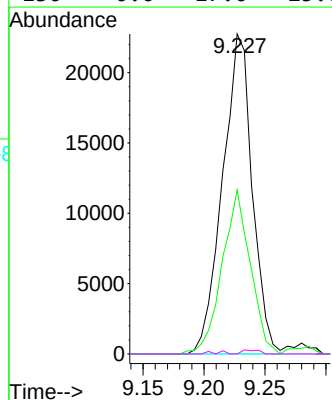
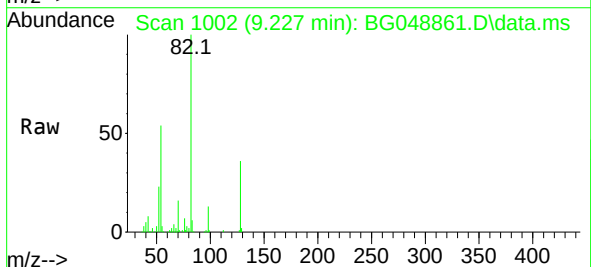
Instrument :
BNA_G
ClientSampleId :
SB-31-0-2.0

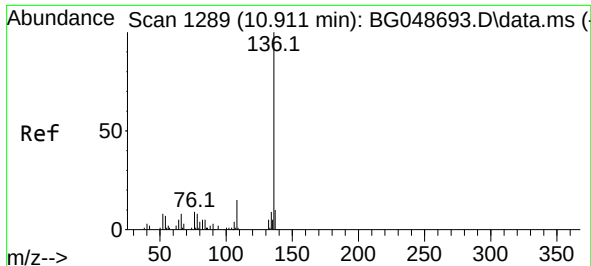
Tgt Ion: 99 Resp: 320578
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 52.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.19 ng
RT: 9.227 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion: 70 Resp: 38462
Ion Ratio Lower Upper
70 100
42 51.3 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

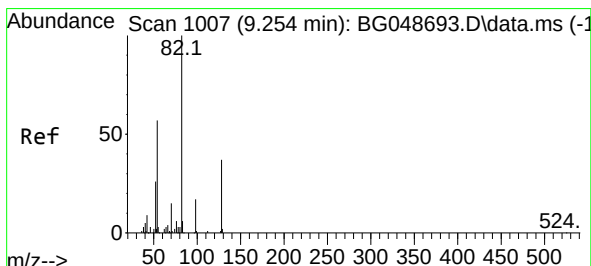
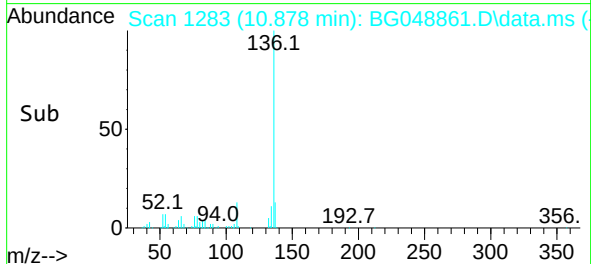
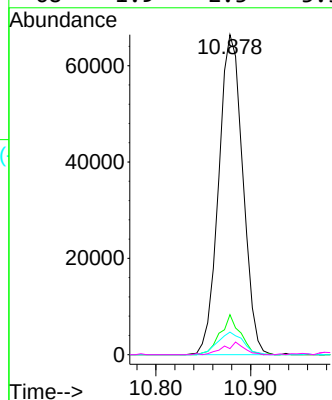
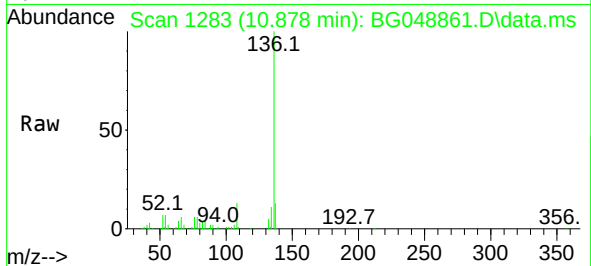




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.878 min Scan# 1283
Delta R.T. -0.015 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

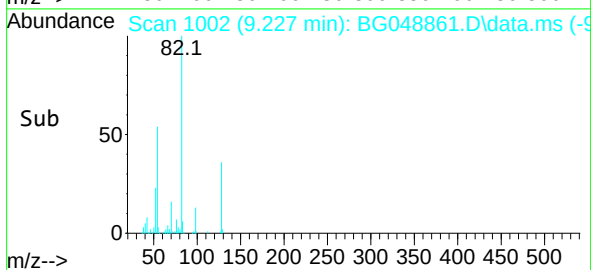
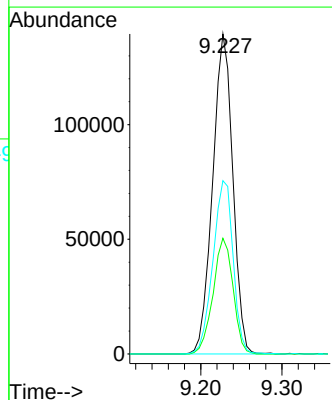
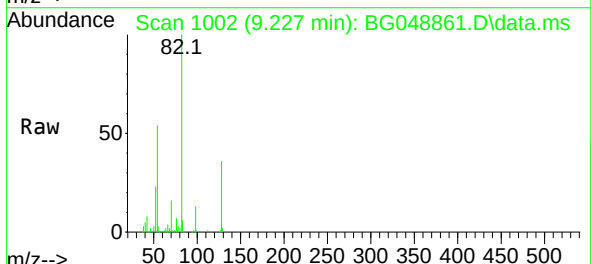
Instrument :
BNA_G
ClientSampleId :
SB-31-0-2.0

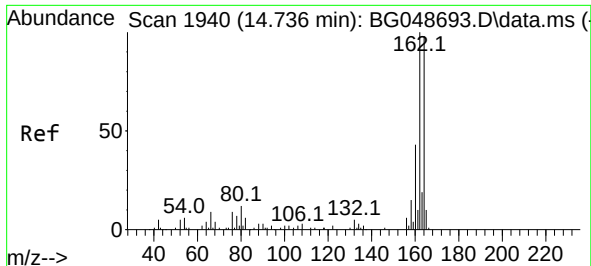
Tgt Ion:136 Resp: 117350
Ion Ratio Lower Upper
136 100
137 12.5 8.2 12.2#
54 7.0 5.5 8.3
68 1.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 91.72 ng
RT: 9.227 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion: 82 Resp: 240405
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 54.1 45.8 68.8

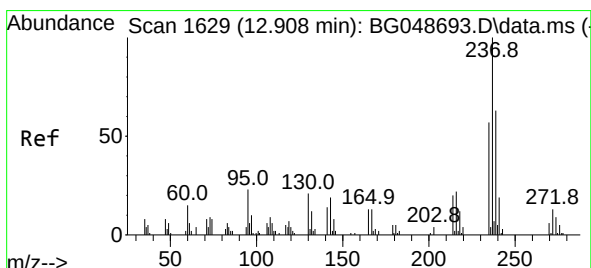
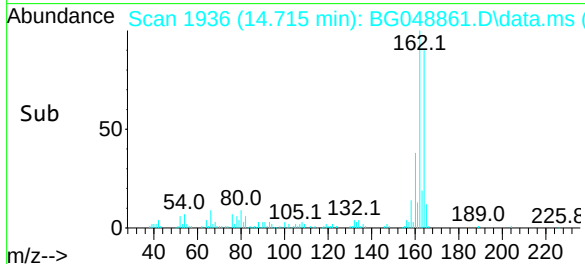
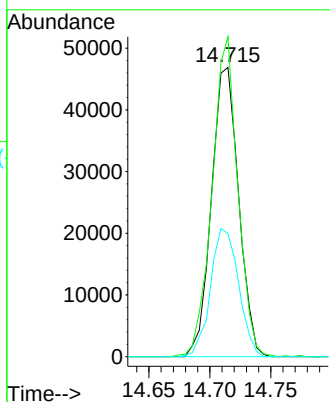
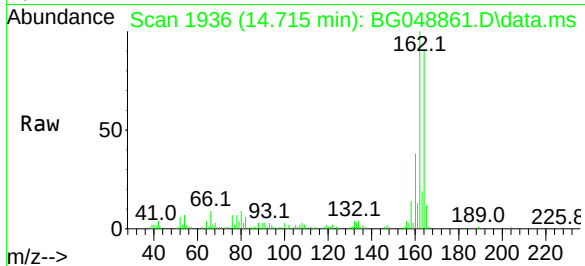




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

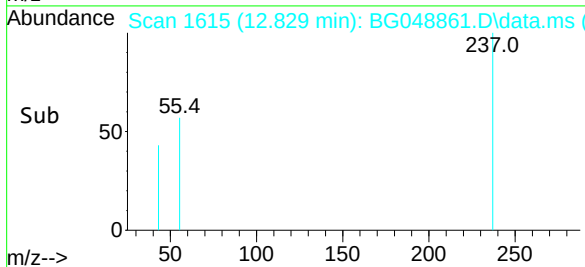
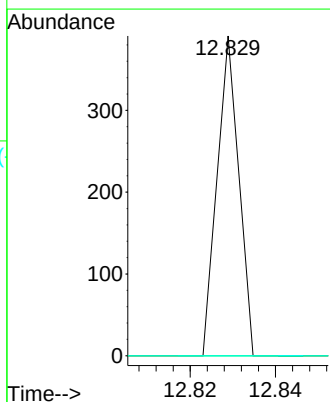
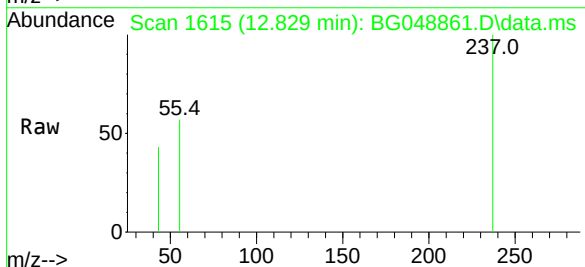
Instrument :
BNA_G
ClientSampleId :
SB-31-0-2.0

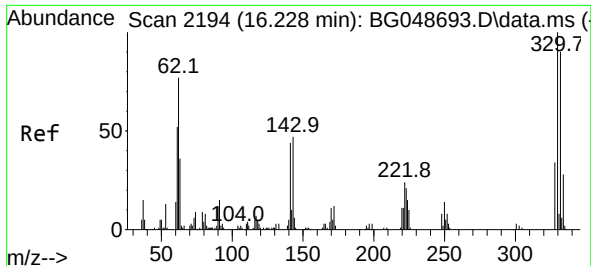
Tgt Ion:164 Resp: 72715
Ion Ratio Lower Upper
164 100
162 110.6 81.4 122.0
160 42.5 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.96 ng
RT: 12.829 min Scan# 1615
Delta R.T. -0.062 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:237 Resp: 138
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

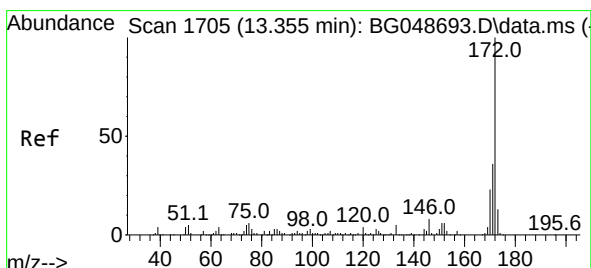
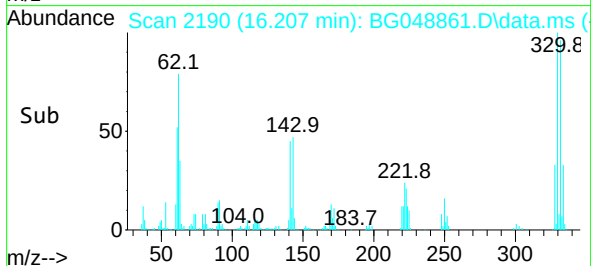
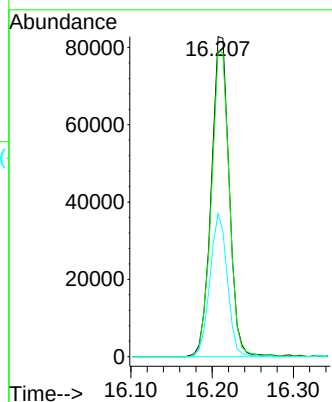
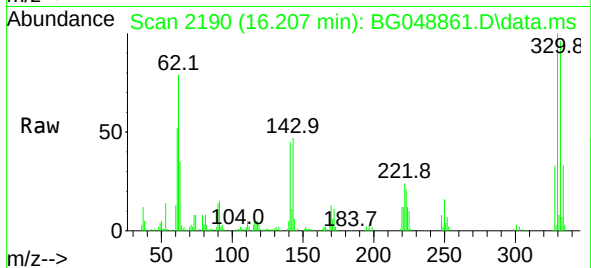




#42
2,4,6-Tribromophenol
Concen: 129.65 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

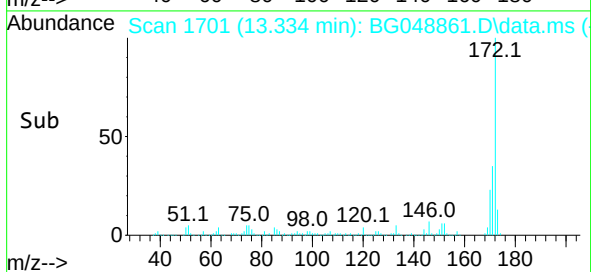
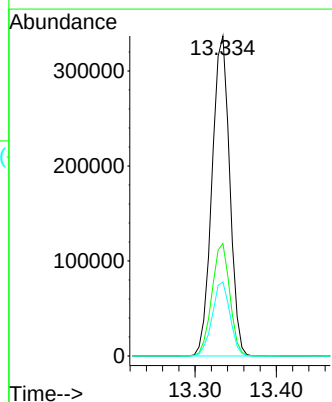
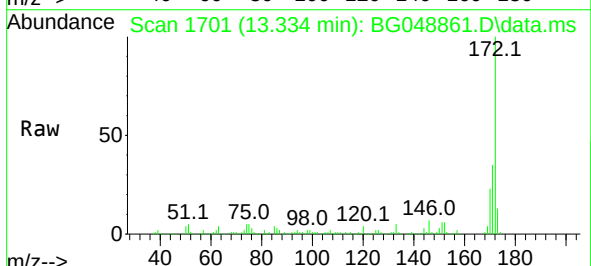
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BNA_G
ClientSampleId :
SB-31-0-2.0

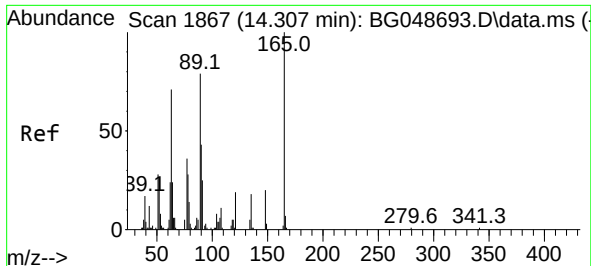
Tgt Ion:330 Resp: 126408
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 43.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 101.04 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:172 Resp: 508775
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.2 18.6 27.8

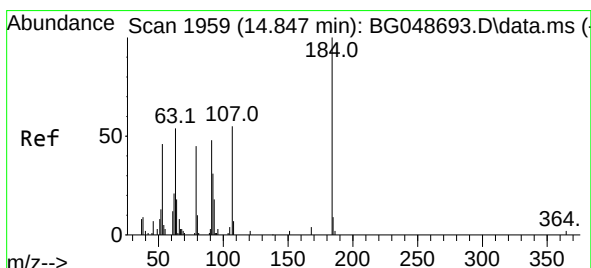
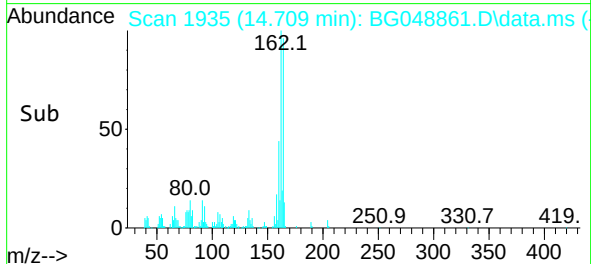
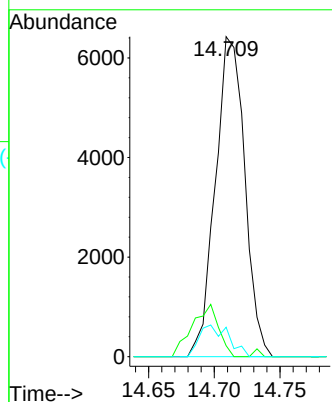
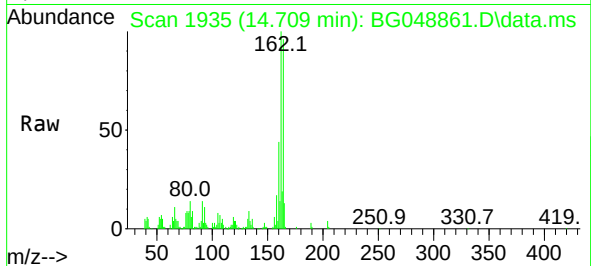




#51
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 14.709 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

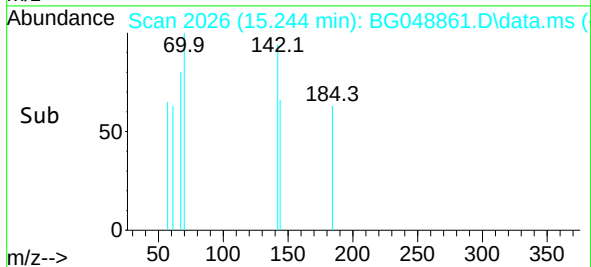
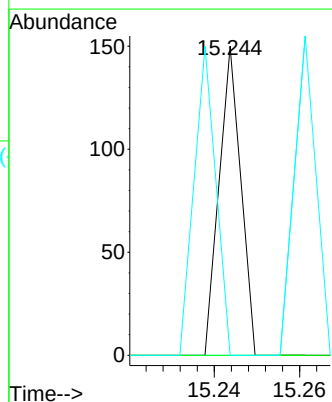
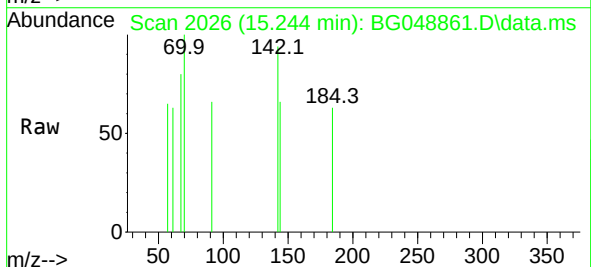
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BNA_G
ClientSampled :
SB-31-0-2.0

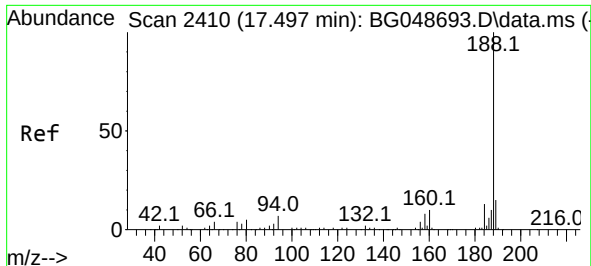
Tgt Ion:165 Resp: 10001
Ion Ratio Lower Upper
165 100
63 3.5 63.3 94.9#
89 9.2 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.35 ng
RT: 15.244 min Scan# 2026
Delta R.T. 0.408 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

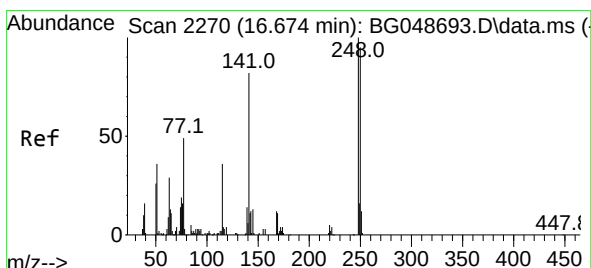
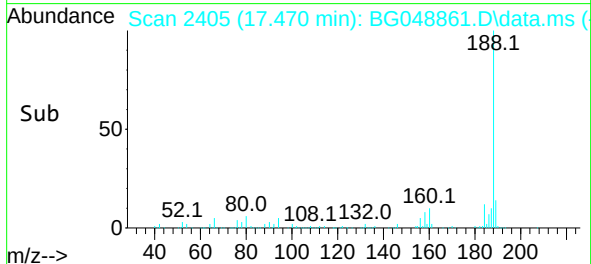
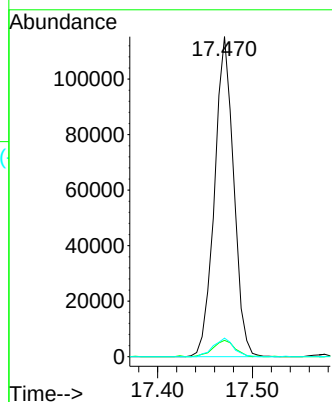
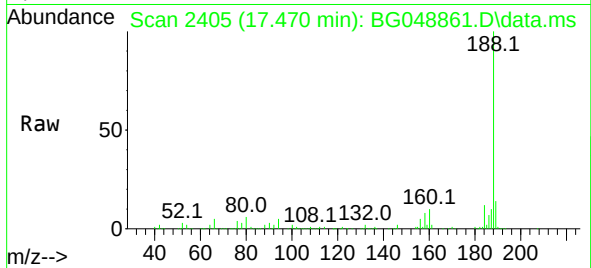




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

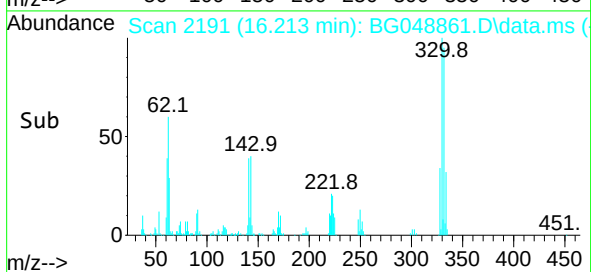
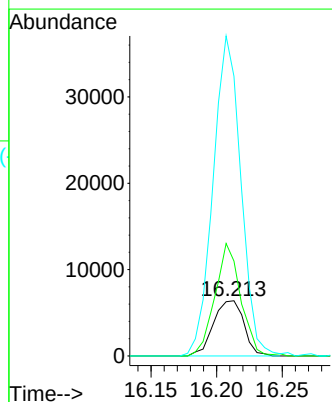
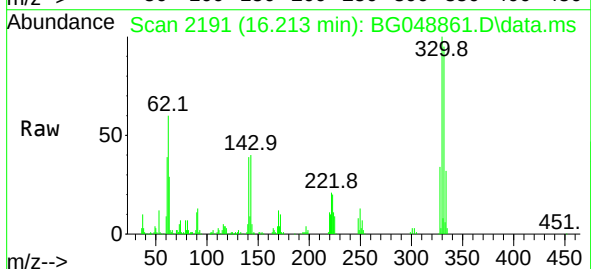
Instrument :
BNA_G
ClientSampleId :
SB-31-0-2.0

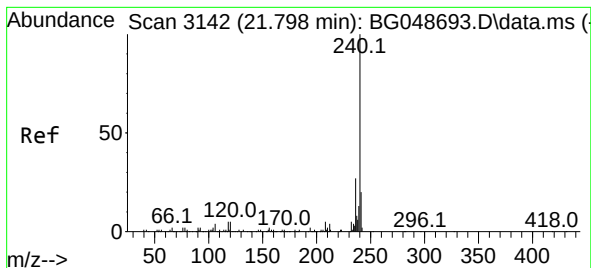
Tgt Ion:188 Resp: 161609
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 5.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.55 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.450 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:248 Resp: 10318
Ion Ratio Lower Upper
248 100
250 171.9 76.1 114.1#
141 507.2 65.4 98.2#

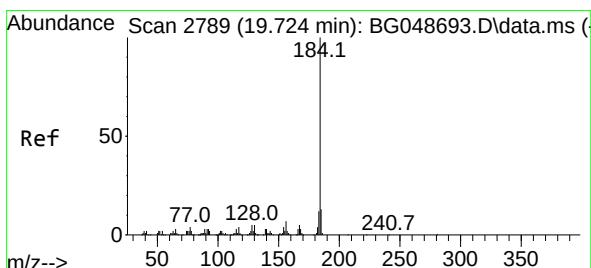
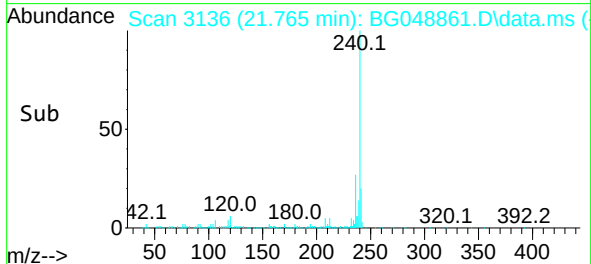
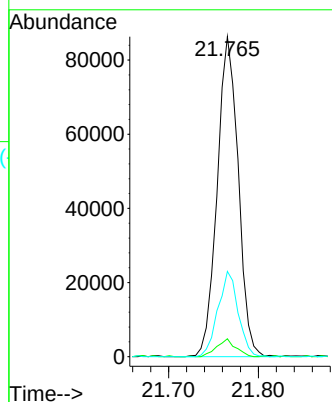
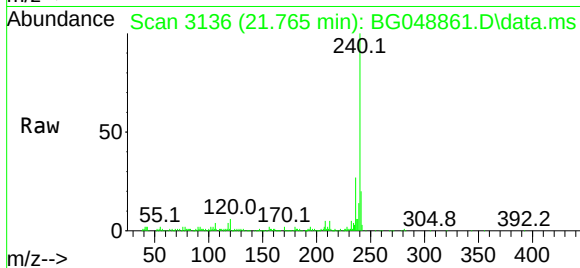




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.015 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

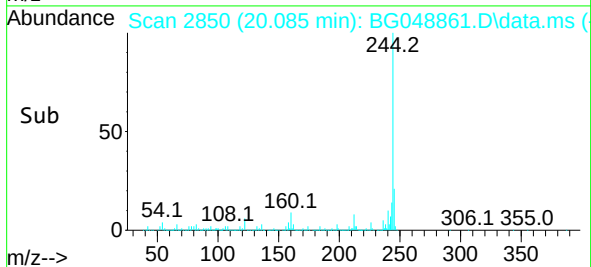
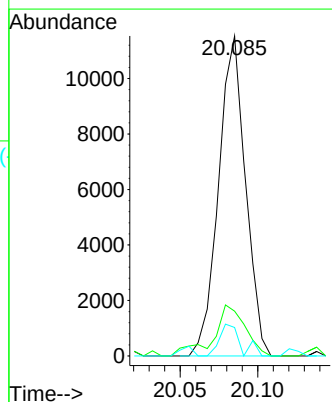
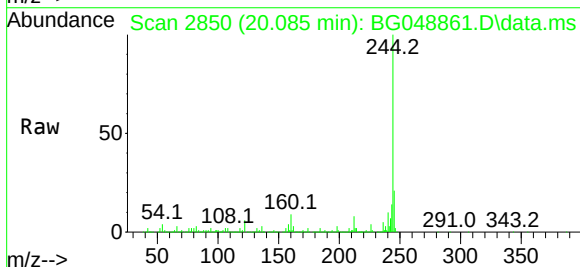
Instrument :
BNA_G
ClientSampled :
SB-31-0-2.0

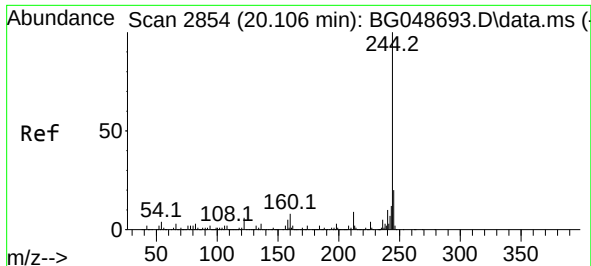
Tgt Ion:240 Resp: 140387
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.6 21.8 32.6



#77
Benzidine
Concen: 3.65 ng
RT: 20.085 min Scan# 2850
Delta R.T. 0.373 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:184 Resp: 13927
Ion Ratio Lower Upper
184 100
185 14.0 10.7 16.1
183 8.9 9.4 14.0#

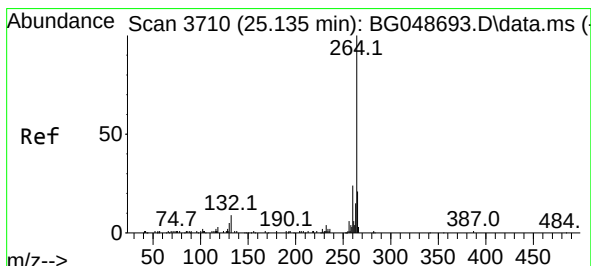
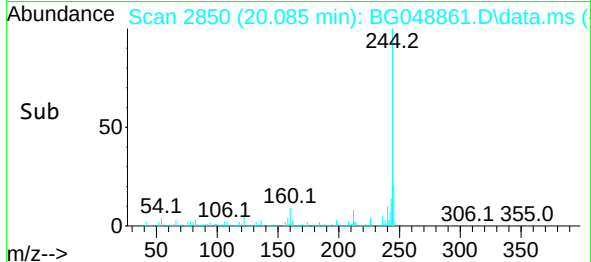
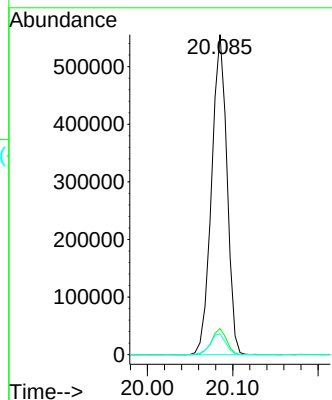
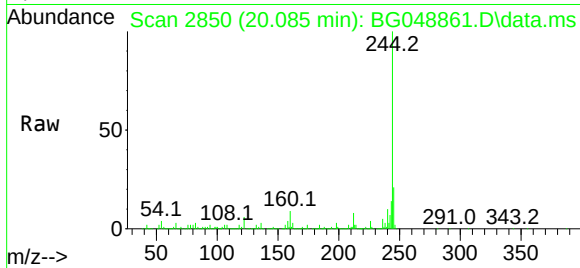




#79
Terphenyl-d14
Concen: 85.00 ng
RT: 20.085 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Instrument :
BNA_G
ClientSampleId :
SB-31-0-2.0

Tgt Ion:244 Resp: 693342
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.5 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.091 min Scan# 3702
Delta R.T. -0.021 min
Lab File: BG048861.D
Acq: 23 Apr 2021 13:31

Tgt Ion:264 Resp: 138004
Ion Ratio Lower Upper
264 100
260 20.7 19.4 29.2
265 22.9 16.9 25.3

