

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048553.D
 Acq On : 1 Apr 2021 21:09
 Operator : CG/JU
 Sample : M1854-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1S-(0-4)

Quant Time: Apr 02 03:04:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

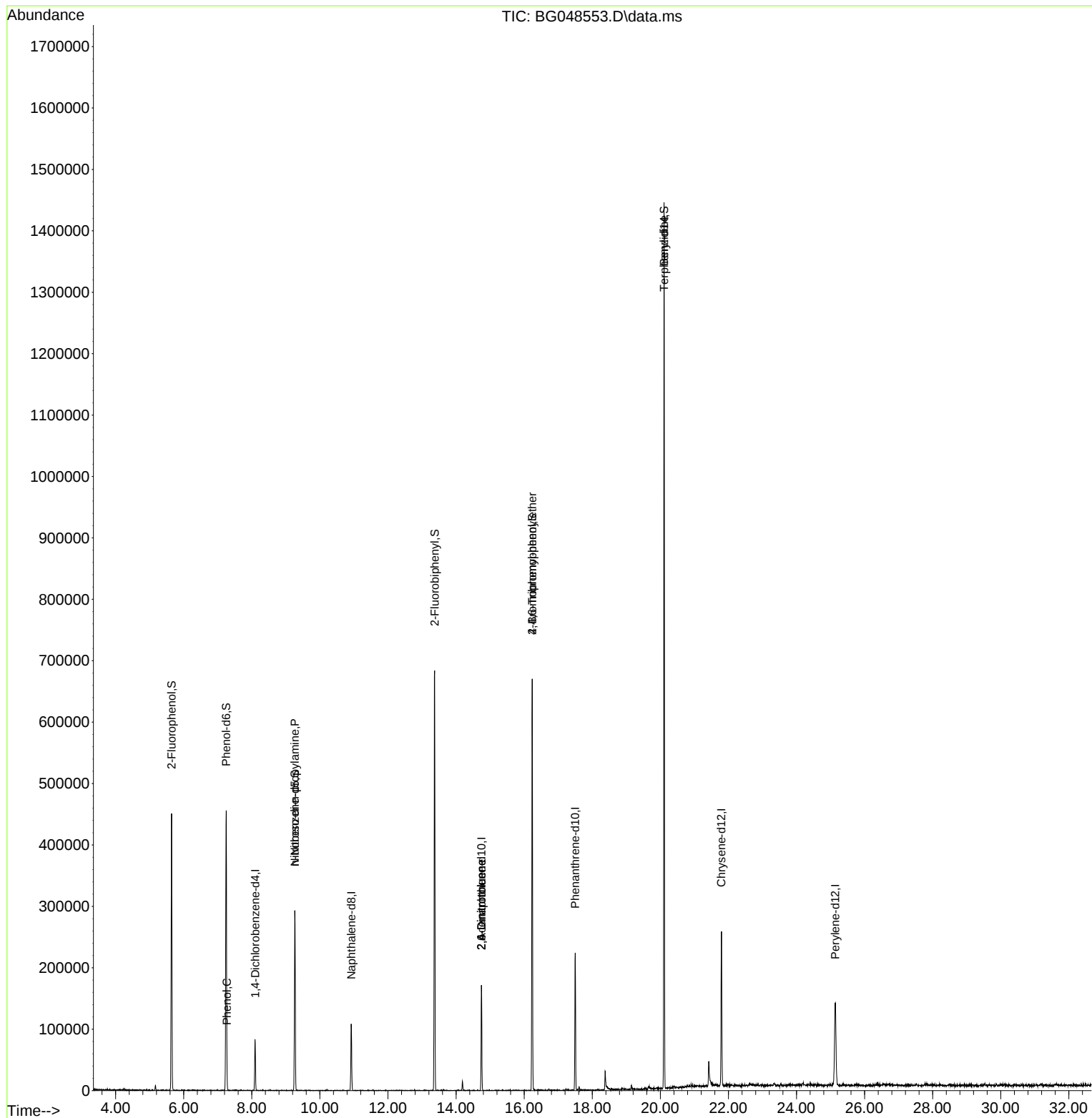
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	21567	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	89657	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	60305	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	144030	20.00	ng	0.00
76) Chrysene-d12	21.796	240	158159	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	154457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	182911	149.73	ng	0.00
7) Phenol-d6	7.248	99	234065	132.12	ng	0.00
23) Nitrobenzene-d5	9.263	82	169436	91.50	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	114111	143.95	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	354949	87.48	ng	0.00
79) Terphenyl-d14	20.110	244	638867	73.87	ng	0.00
Target Compounds						
10) Phenol	7.272	94	4344	2.45	ng	Qvalue 77
19) n-Nitroso-di-n-propyla...	9.263	70	25303	20.72	ng	# 84
51) 2,6-Dinitrotoluene	14.751	165	7925	7.74	ng	# 17
57) 2,4-Dinitrotoluene	14.751	165	7925	5.47	ng	# 22
67) 4-Bromophenyl-phenylether	16.238	248	8344	5.23	ng	# 1
77) Benzidine	20.115	184	12071	2.25	ng	# 91

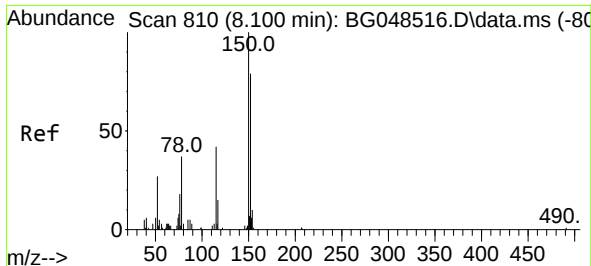
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
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Misc :
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Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

Quant Time: Apr 02 03:04:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

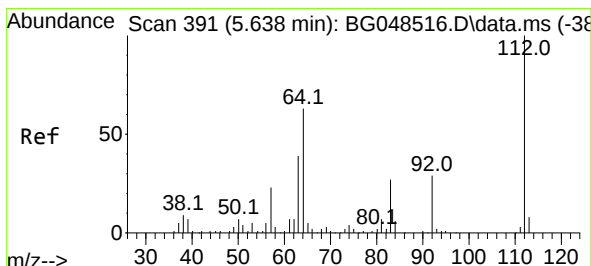
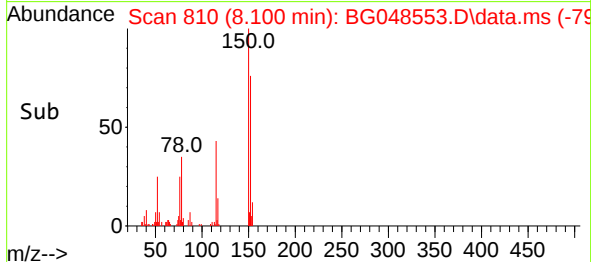
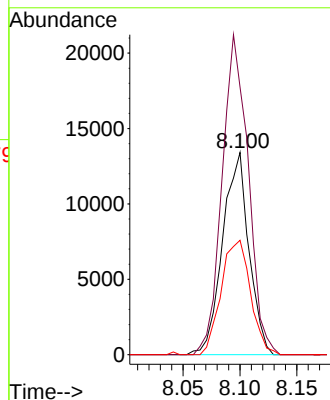
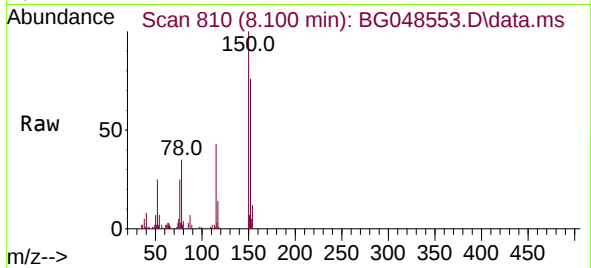




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

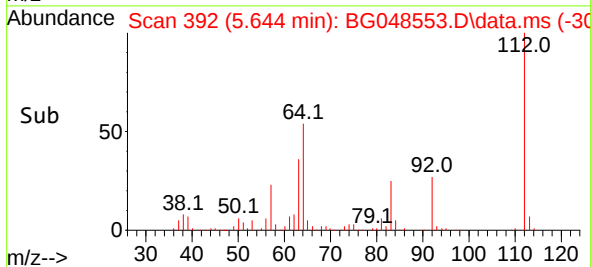
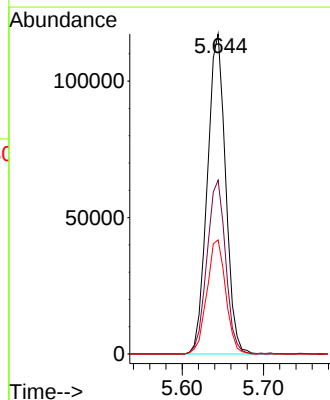
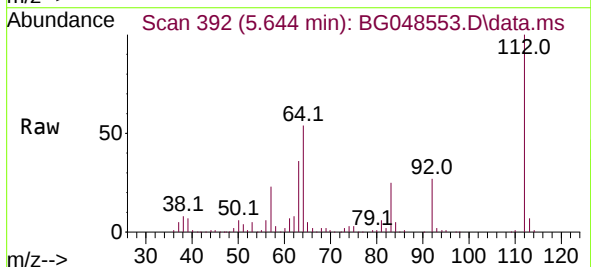
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

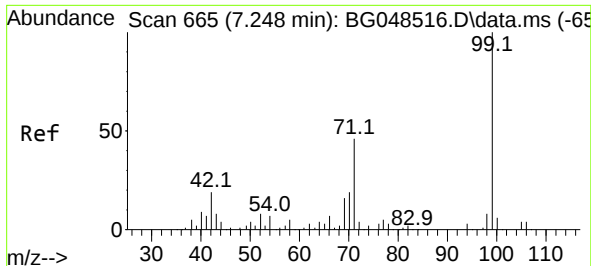
Tgt Ion:152 Resp: 21567
Ion Ratio Lower Upper
152 100
150 132.3 101.3 151.9
115 56.6 42.3 63.5



#5
2-Fluorophenol
Concen: 149.73 ng
RT: 5.644 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:112 Resp: 182911
Ion Ratio Lower Upper
112 100
64 54.3 50.4 75.6
63 35.7 31.4 47.2

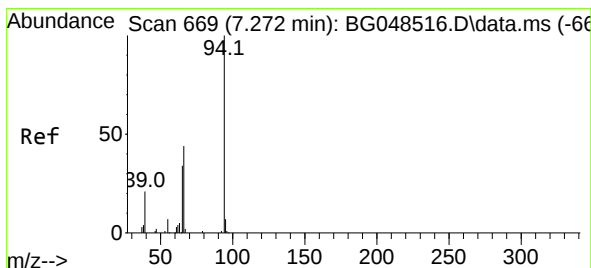
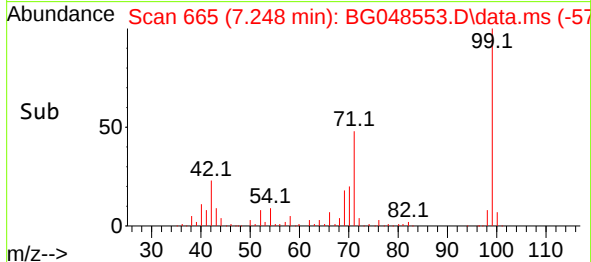
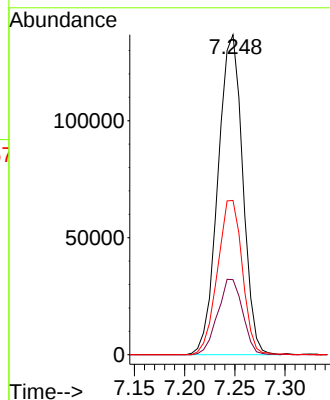
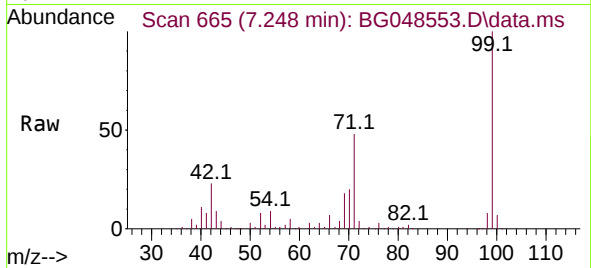




#7
Phenol-d6
Concen: 132.12 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

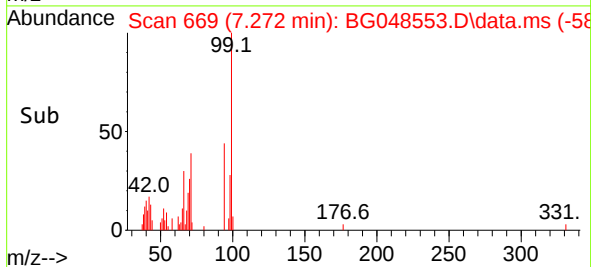
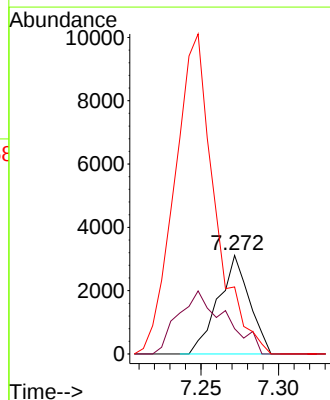
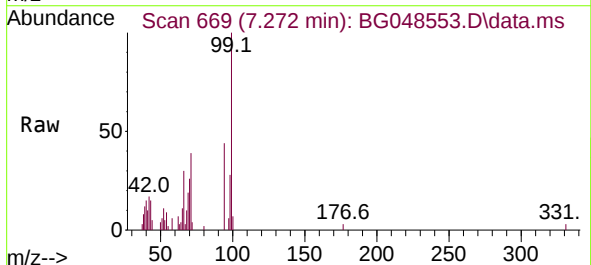
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

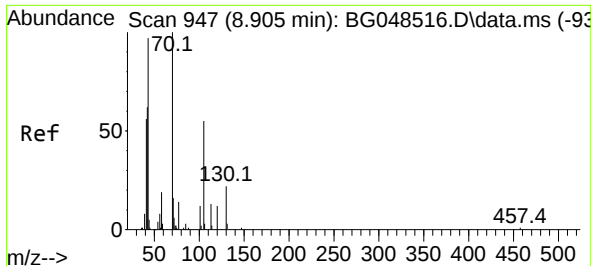
Tgt Ion: 99 Resp: 234065
Ion Ratio Lower Upper
99 100
42 23.5 15.5 23.3#
71 48.2 36.6 54.8



#10
Phenol
Concen: 2.45 ng
RT: 7.272 min Scan# 669
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion: 94 Resp: 4344
Ion Ratio Lower Upper
94 100
65 25.6 15.1 55.1
66 67.9 28.9 68.9

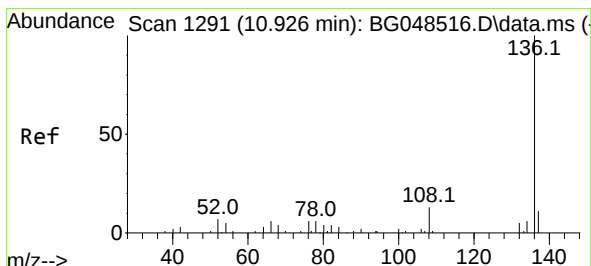
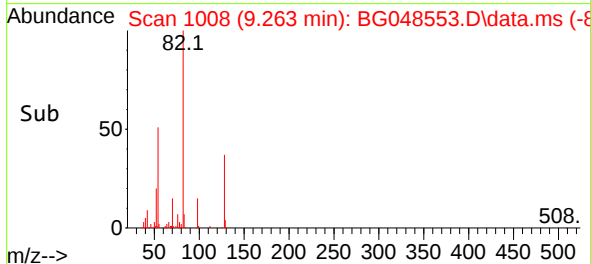
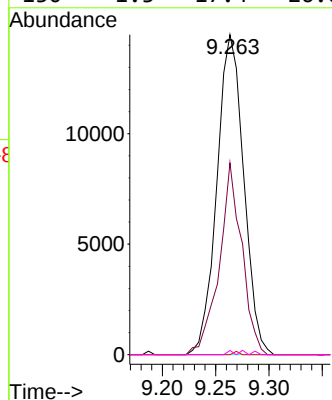
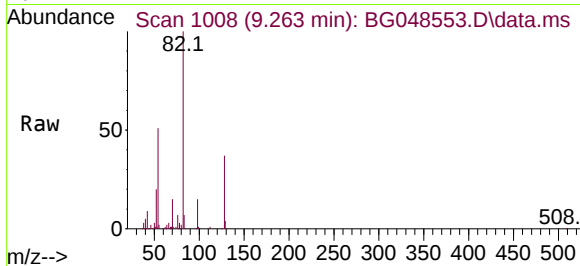




#19
n-Nitroso-di-n-propylamine
Concen: 20.72 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

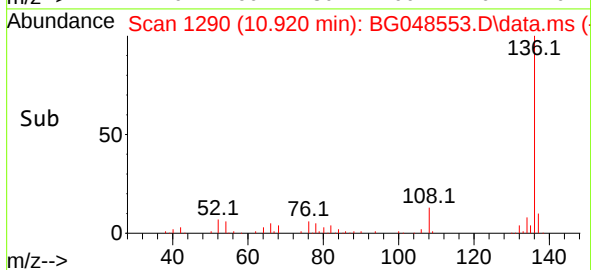
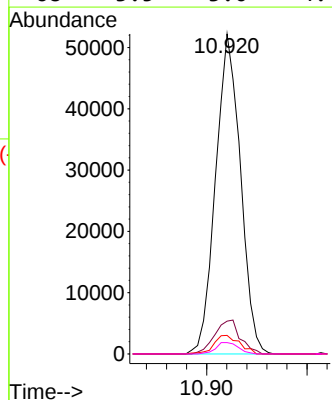
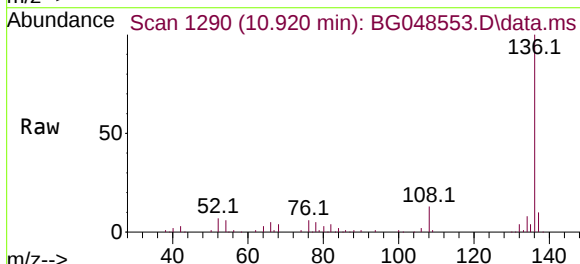
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

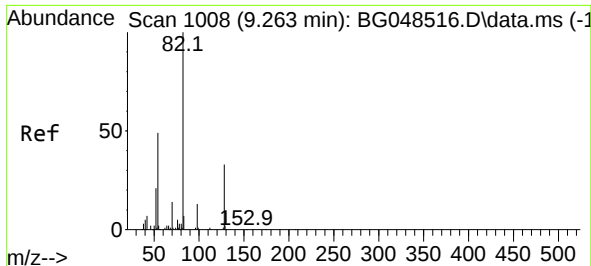
Tgt Ion: 70 Resp: 25303
Ion Ratio Lower Upper
70 100
42 60.0 50.8 76.2
101 0.0 9.7 14.5#
130 1.3 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion: 136 Resp: 89657
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 5.8 4.2 6.4
68 3.5 3.0 4.4

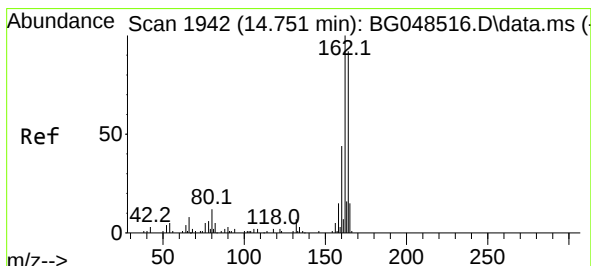
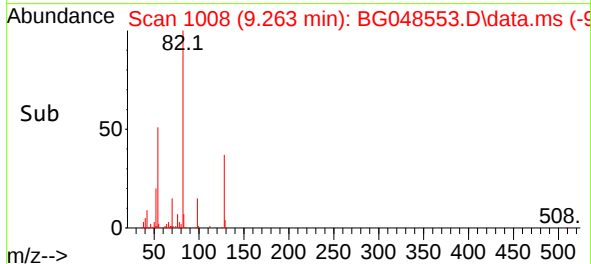
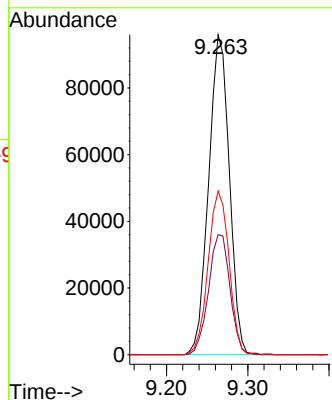
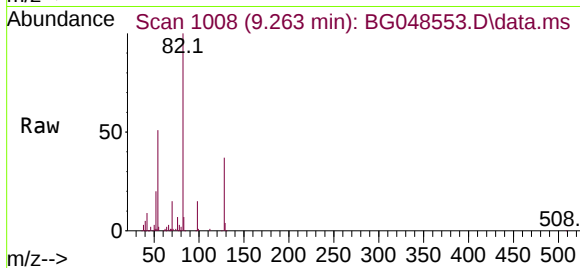




#23
Nitrobenzene-d5
Concen: 91.50 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

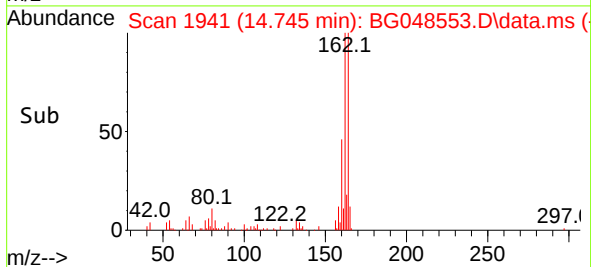
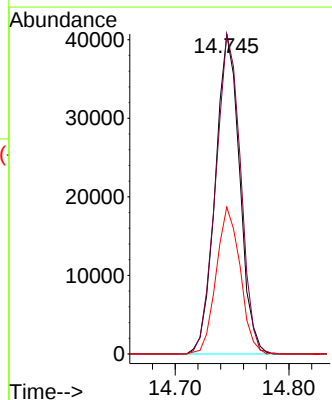
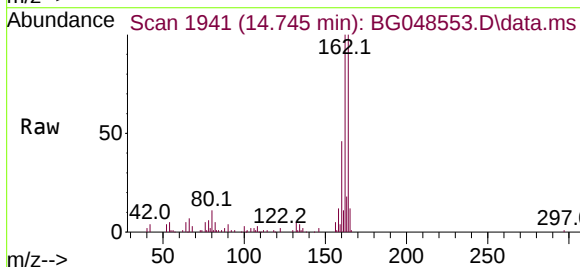
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

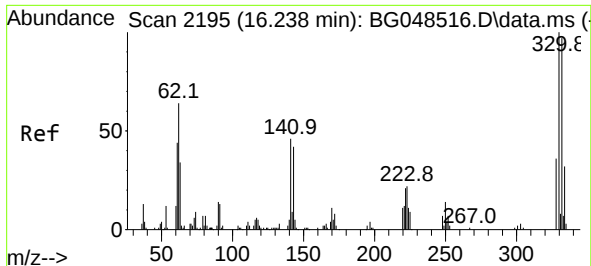
Tgt Ion: 82 Resp: 169436
Ion Ratio Lower Upper
82 100
128 37.5 26.2 39.4
54 51.1 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:164 Resp: 60305
Ion Ratio Lower Upper
164 100
162 100.3 87.0 130.6
160 46.0 38.4 57.6

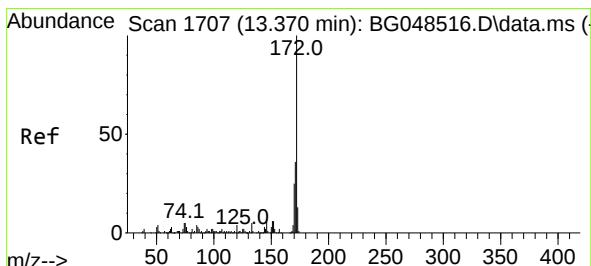
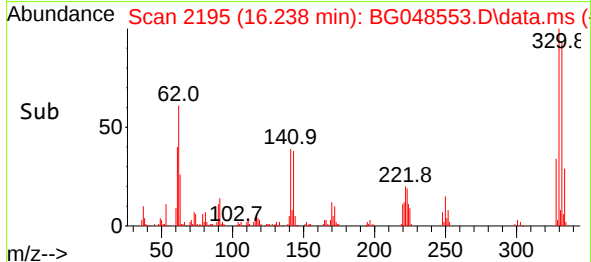
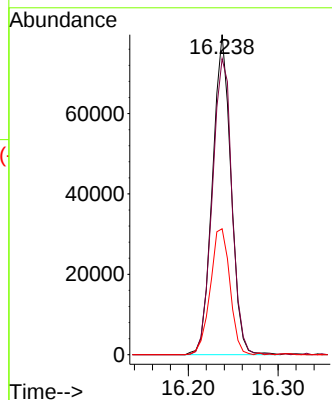
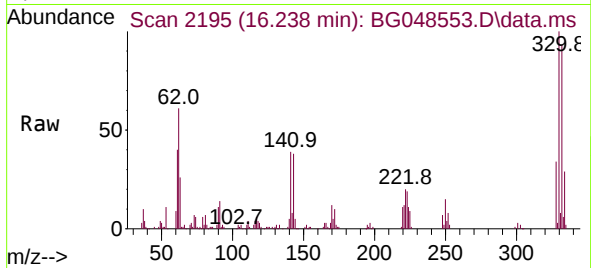




#42
2,4,6-Tribromophenol
Concen: 143.95 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

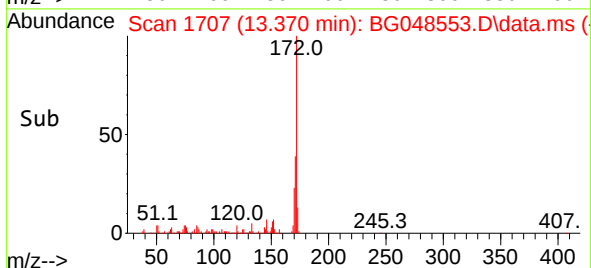
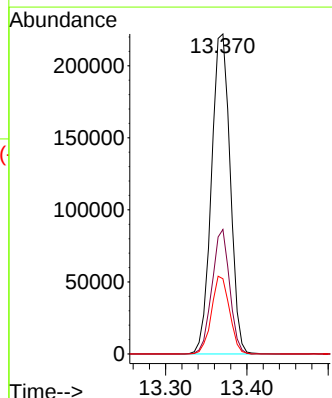
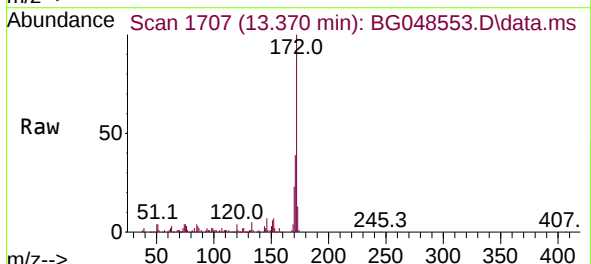
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

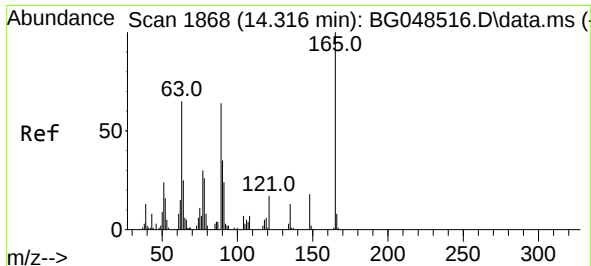
Tgt Ion:330 Resp: 114111
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 41.6 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 87.48 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:172 Resp: 354949
Ion Ratio Lower Upper
172 100
171 38.9 28.5 42.7
170 23.5 19.8 29.6

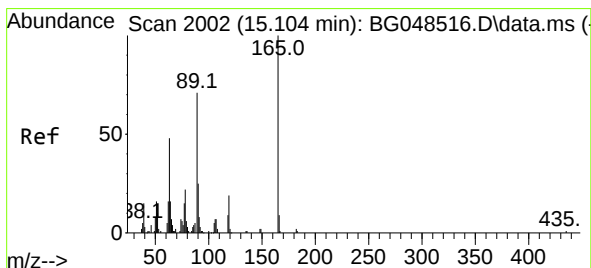
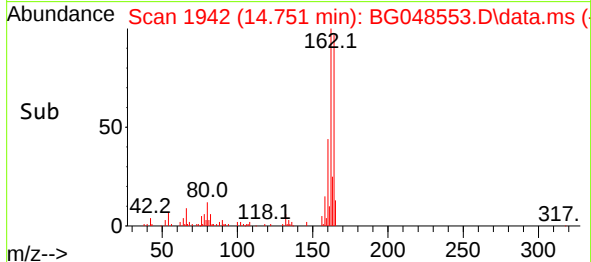
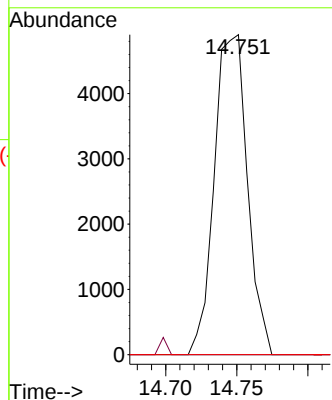
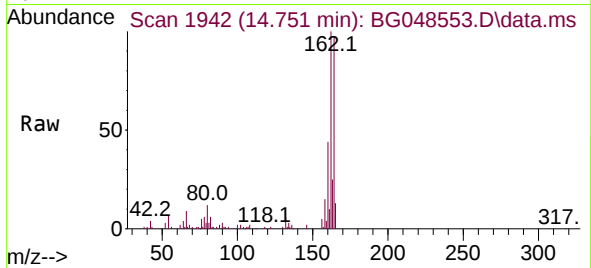




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 14.751 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

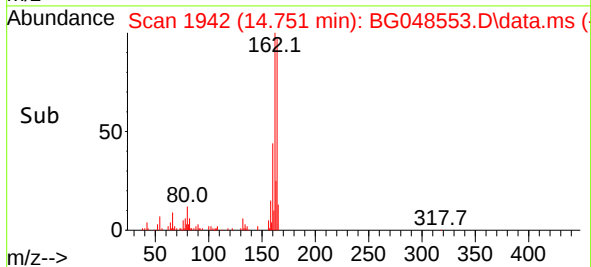
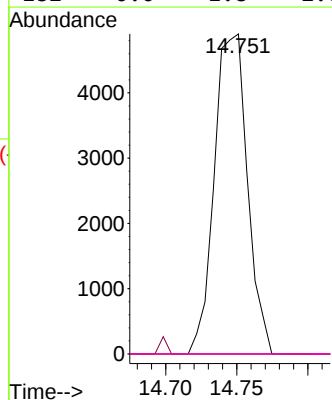
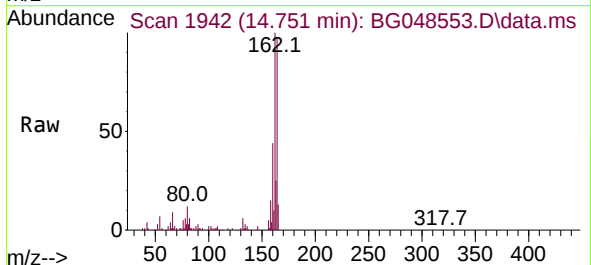
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

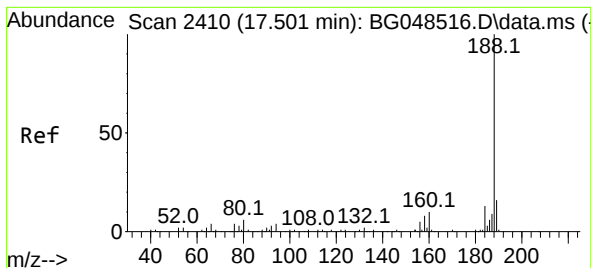
Tgt Ion:165 Resp: 7925
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 14.751 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:165 Resp: 7925
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

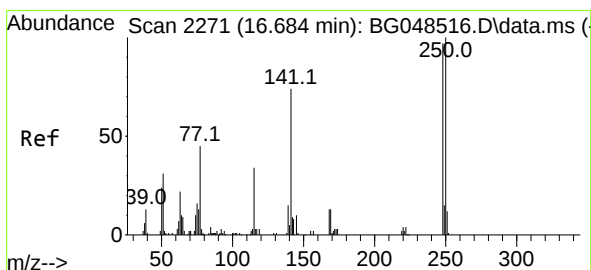
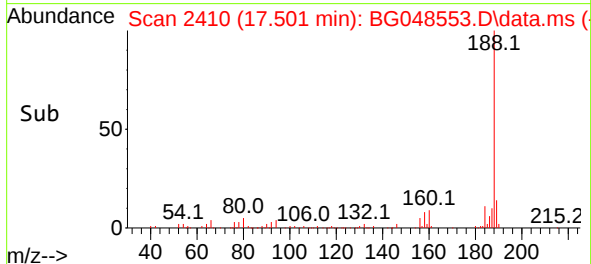
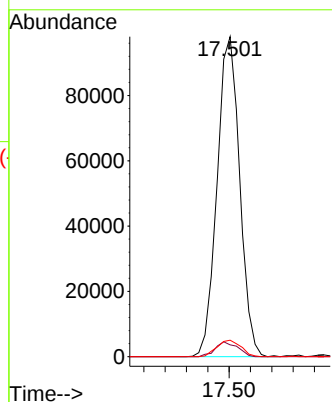
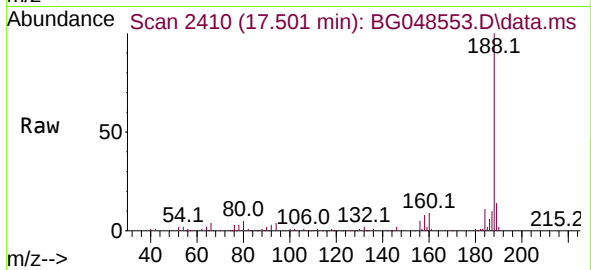




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

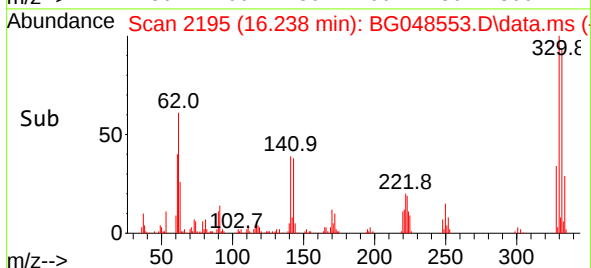
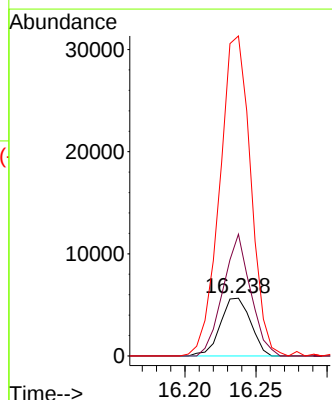
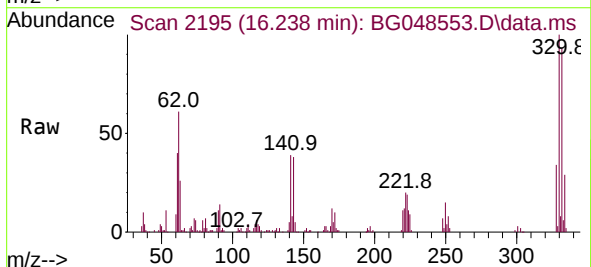
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

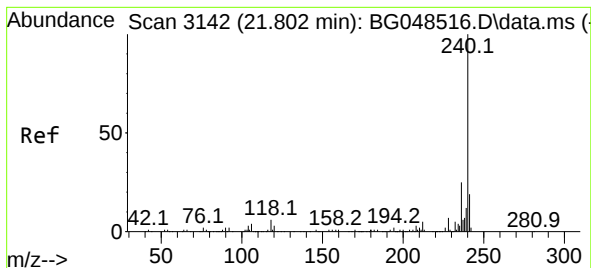
Tgt Ion:188 Resp: 144030
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.6
80 5.2 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.23 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:248 Resp: 8344
Ion Ratio Lower Upper
248 100
250 210.8 82.6 124.0#
141 554.3 61.0 91.6#

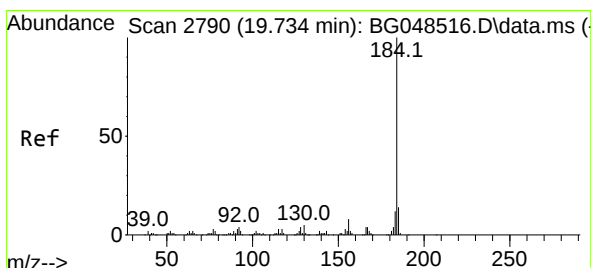
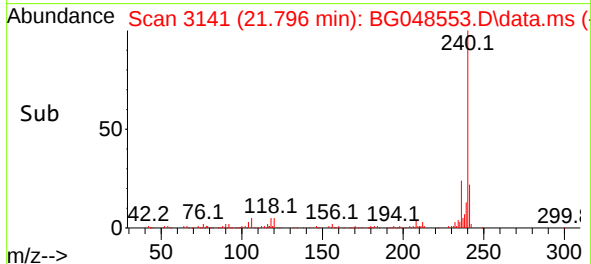
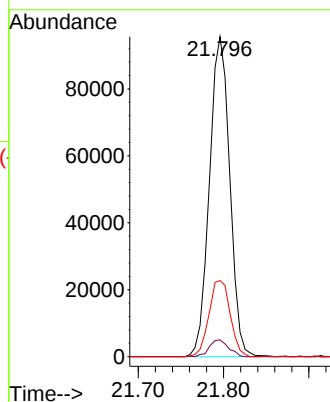
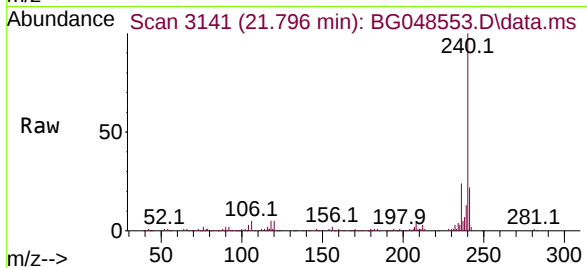




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

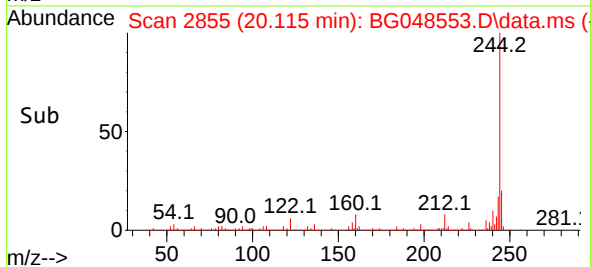
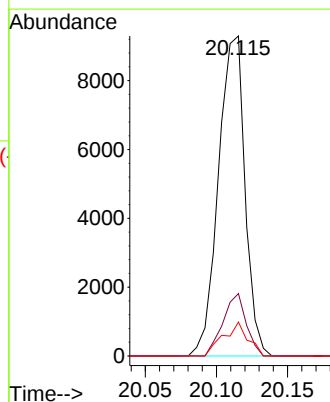
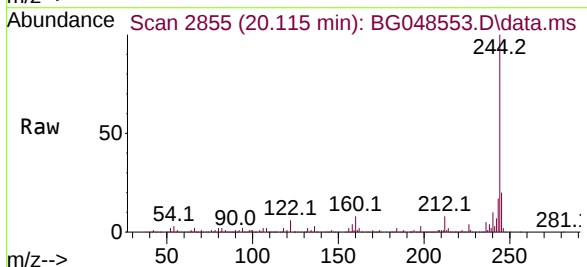
Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

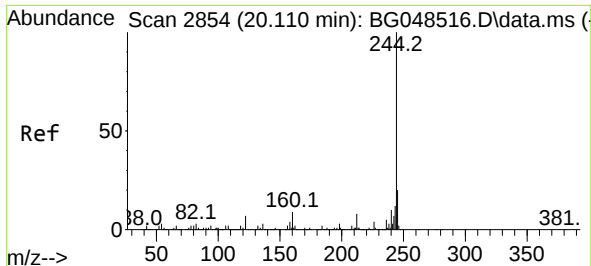
Tgt Ion:240 Resp: 158159
Ion Ratio Lower Upper
240 100
120 5.3 2.6 3.8#
236 23.8 19.8 29.6



#77
Benzidine
Concen: 2.25 ng
RT: 20.115 min Scan# 2855
Delta R.T. 0.384 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:184 Resp: 12071
Ion Ratio Lower Upper
184 100
185 19.5 11.0 16.4#
183 10.6 9.2 13.8

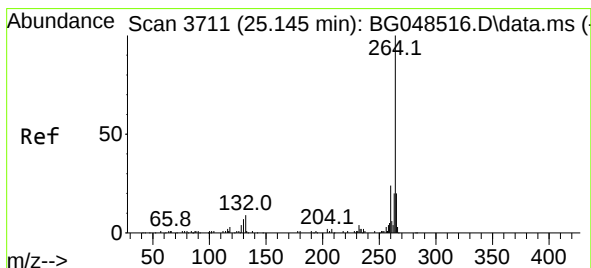
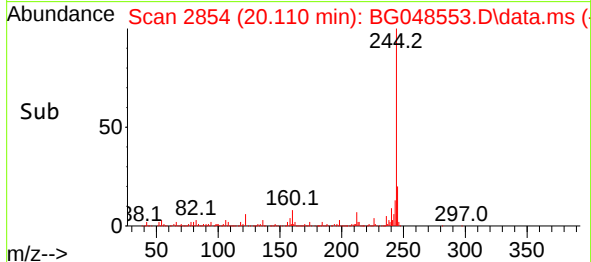
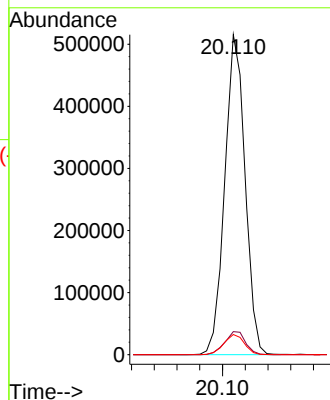
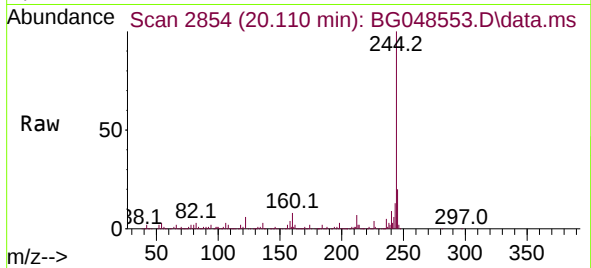




#79
Terphenyl-d14
Concen: 73.87 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)

Tgt Ion:244 Resp: 638867
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 6.3 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048553.D
Acq: 1 Apr 2021 21:09

Tgt Ion:264 Resp: 154457
Ion Ratio Lower Upper
264 100
260 20.0 19.1 28.7
265 21.5 16.1 24.1

