

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048624.D
 Acq On : 7 Apr 2021 19:42
 Operator : CG/JU
 Sample : M1949-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-1

Quant Time: Apr 08 03:35:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

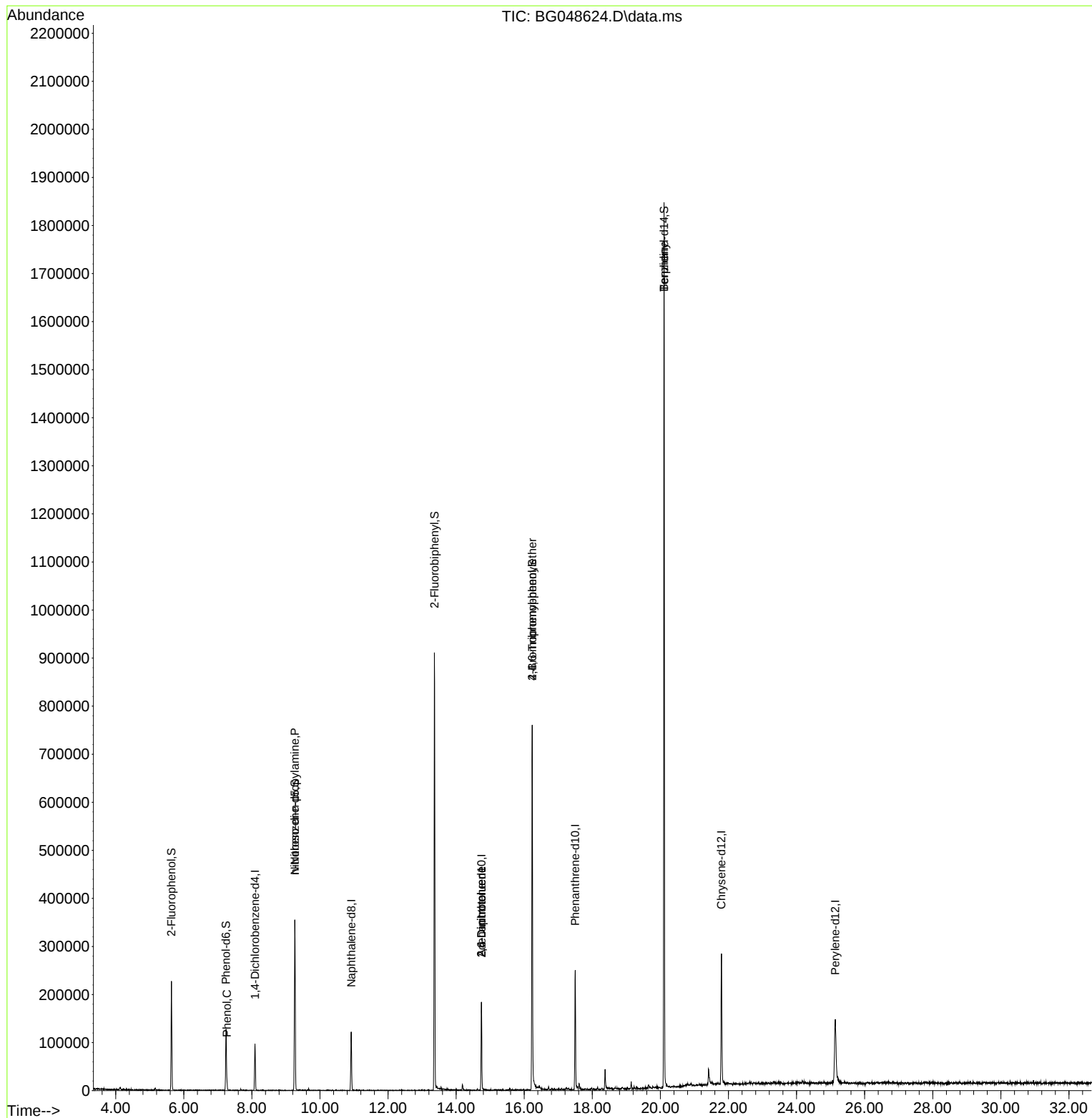
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	25687	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	98274	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	67075	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	164318	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	182958	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	166909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	92816	63.79	ng	0.00
7) Phenol-d6	7.240	99	66691	31.61	ng	0.00
23) Nitrobenzene-d5	9.261	82	201391	99.22	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	142440	161.55	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	472796	104.77	ng	0.00
79) Terphenyl-d14	20.107	244	852011	85.16	ng	0.00
Target Compounds						
10) Phenol	7.269	94	6132	2.90	ng	Qvalue 91
19) n-Nitroso-di-n-propyla...	9.261	70	30531	20.99	ng	# 75
51) 2,6-Dinitrotoluene	14.743	165	9188	8.07	ng	# 17
57) 2,4-Dinitrotoluene	14.743	165	9188	5.70	ng	# 22
67) 4-Bromophenyl-phenylether	16.235	248	9984	5.48	ng	# 1
77) Benzidine	20.107	184	15022	2.42	ng	# 95

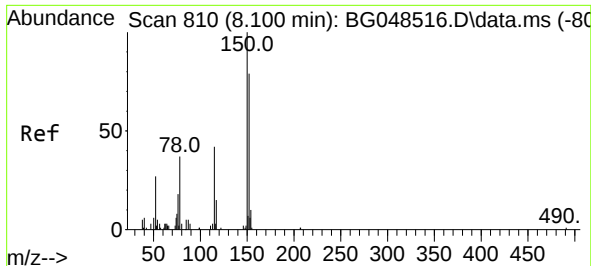
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 03:35:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

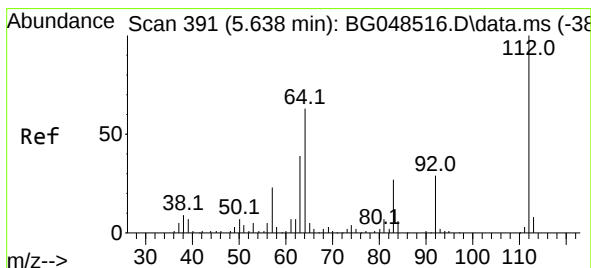
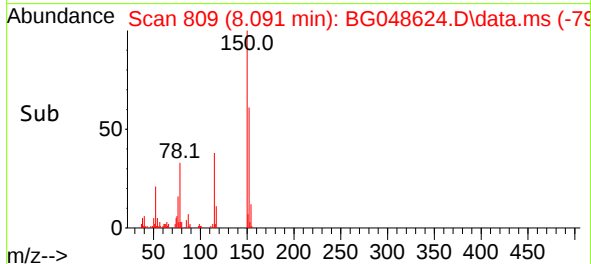
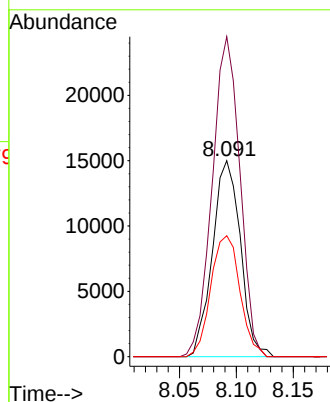
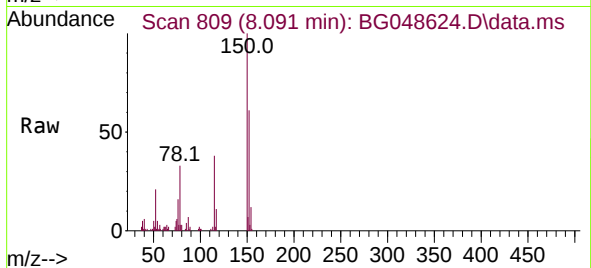




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

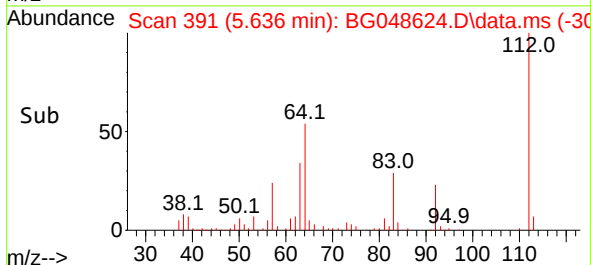
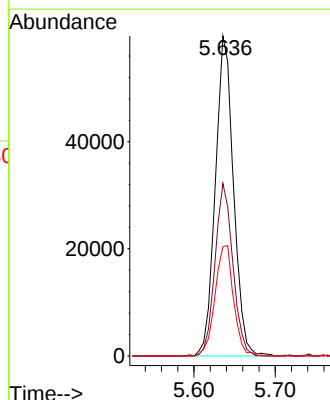
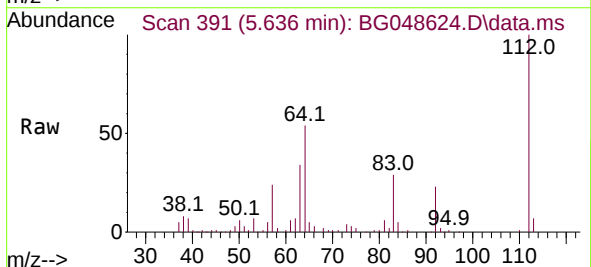
Instrument :
BNA_G
ClientSampleId :
AB-1

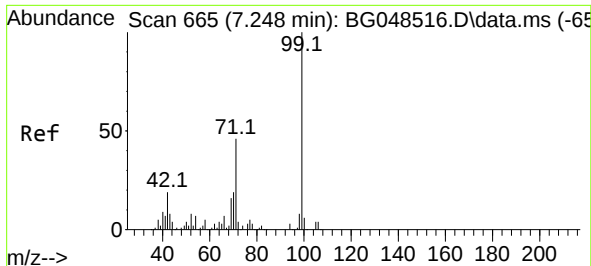
Tgt Ion:152 Resp: 25687
Ion Ratio Lower Upper
152 100
150 163.3 101.3 151.9#
115 61.7 42.3 63.5



#5
2-Fluorophenol
Concen: 63.79 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

Tgt Ion:112 Resp: 92816
Ion Ratio Lower Upper
112 100
64 53.9 50.4 75.6
63 34.1 31.4 47.2

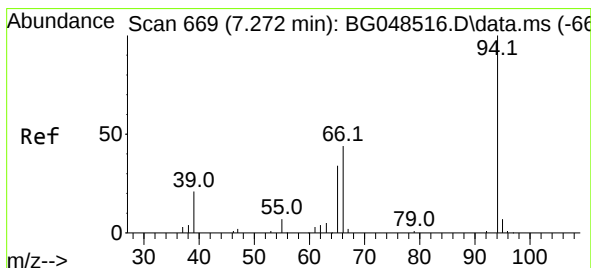
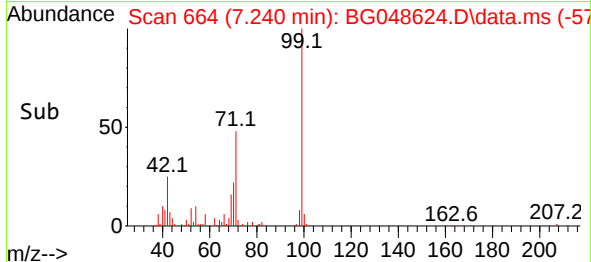
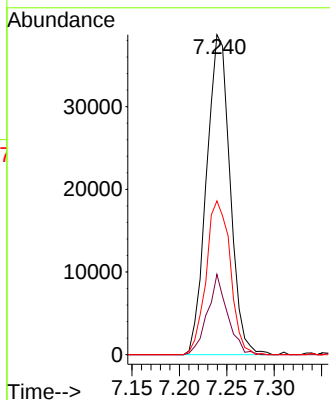
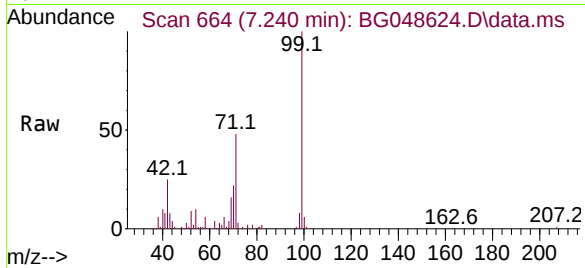




#7
Phenol-d6
Concen: 31.61 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

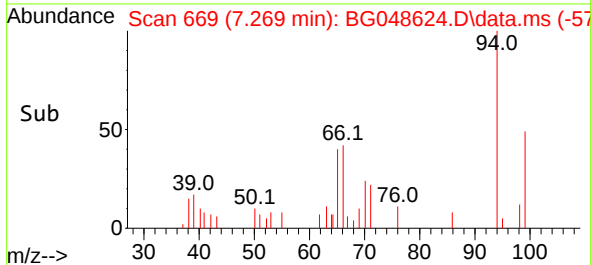
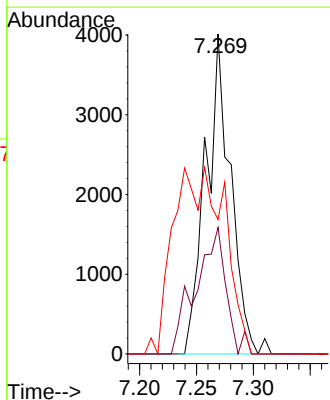
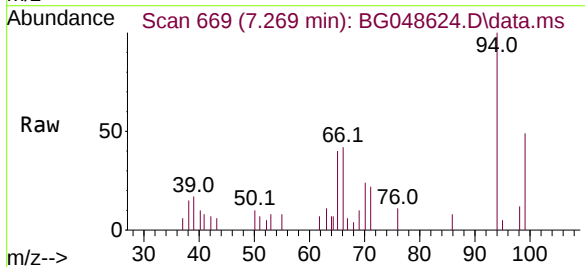
Instrument :
BNA_G
ClientSampleId :
AB-1

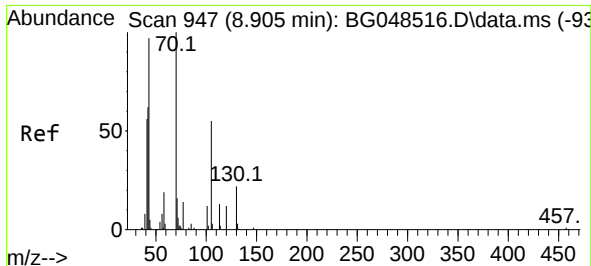
Tgt Ion: 99 Resp: 66691
Ion Ratio Lower Upper
99 100
42 25.1 15.5 23.3#
71 48.1 36.6 54.8



#10
Phenol
Concen: 2.90 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.003 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

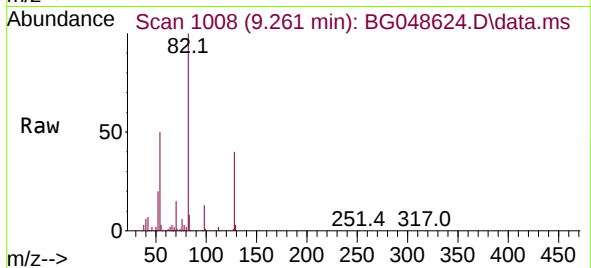
Tgt Ion: 94 Resp: 6132
Ion Ratio Lower Upper
94 100
65 39.5 15.1 55.1
66 42.0 28.9 68.9



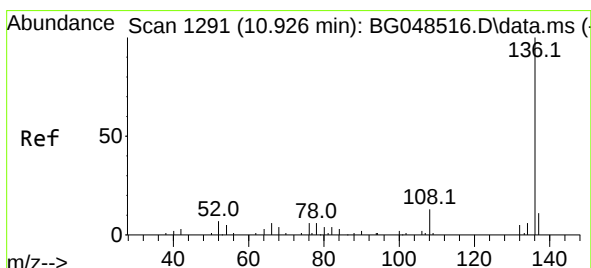
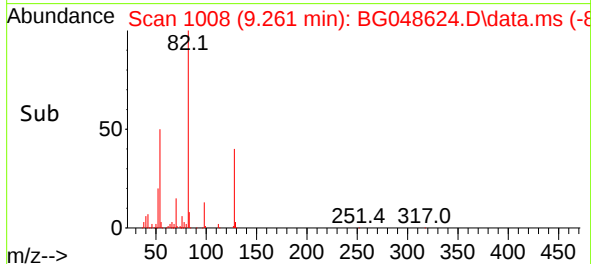
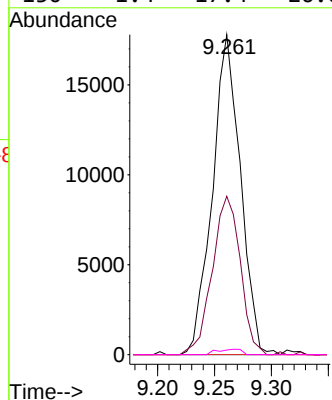


#19
n-Nitroso-di-n-propylamine
Concen: 20.99 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

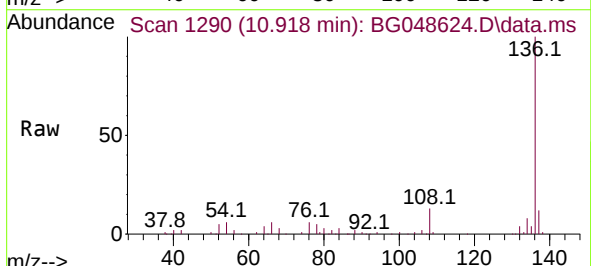
Instrument :
BNA_G
ClientSampled :
AB-1



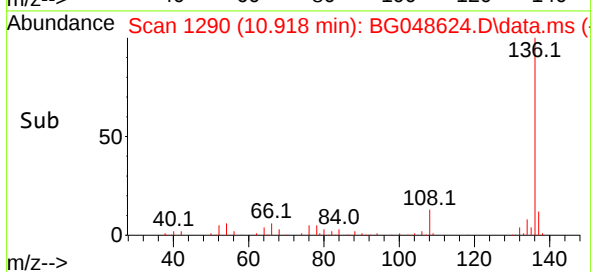
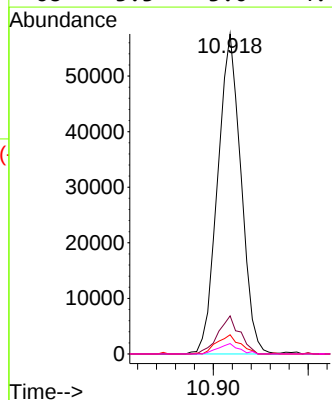
Tgt Ion: 70 Resp: 30531
Ion Ratio Lower Upper
70 100
42 49.5 50.8 76.2#
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#

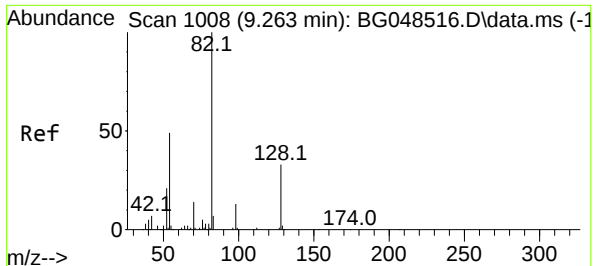


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42



Tgt Ion: 136 Resp: 98274
Ion Ratio Lower Upper
136 100
137 11.9 8.6 12.8
54 6.0 4.2 6.4
68 3.3 3.0 4.4

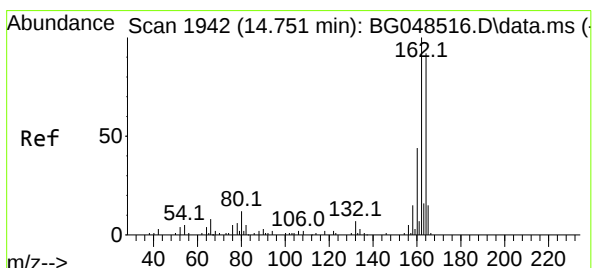
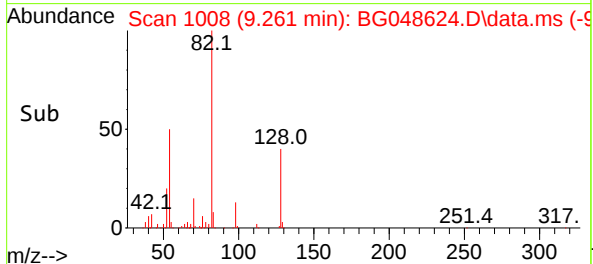
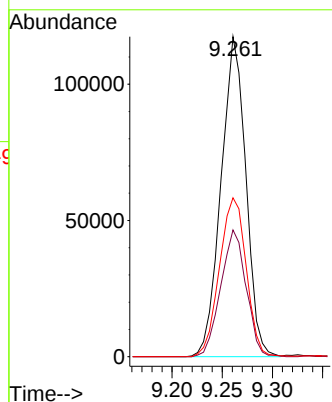
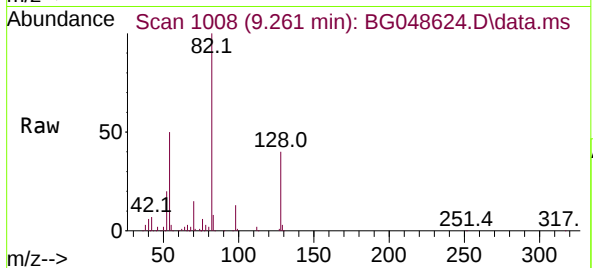




#23
Nitrobenzene-d5
Concen: 99.22 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

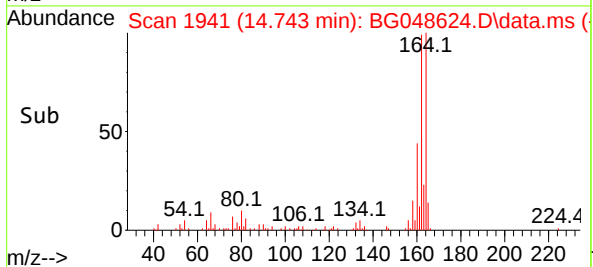
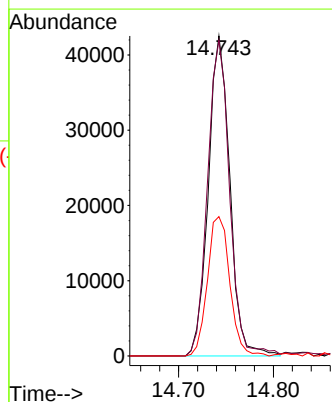
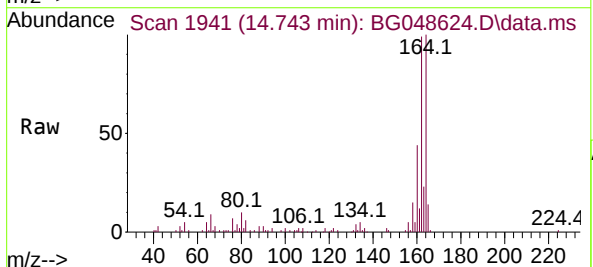
Instrument :
BNA_G
ClientSampled :
AB-1

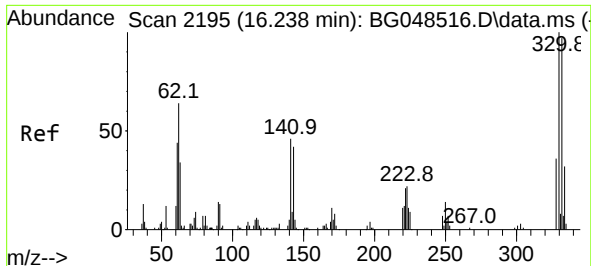
Tgt Ion: 82 Resp: 201391
Ion Ratio Lower Upper
82 100
128 39.6 26.2 39.4#
54 49.7 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

Tgt Ion:164 Resp: 67075
Ion Ratio Lower Upper
164 100
162 98.6 87.0 130.6
160 43.6 38.4 57.6

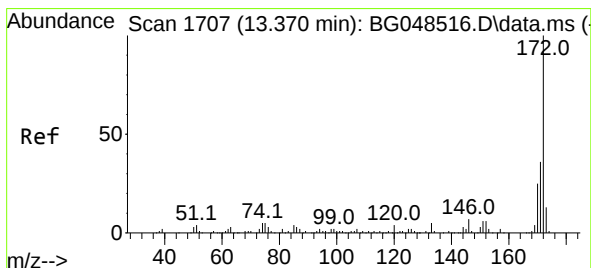
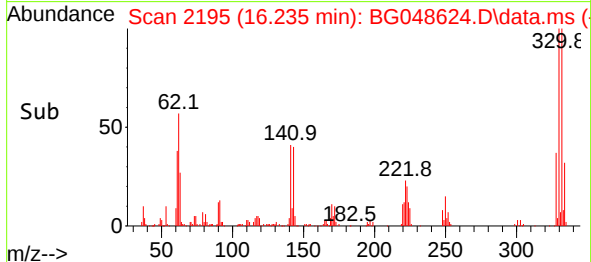
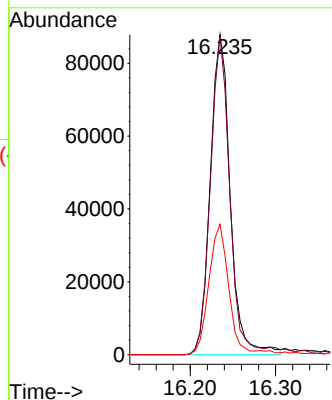
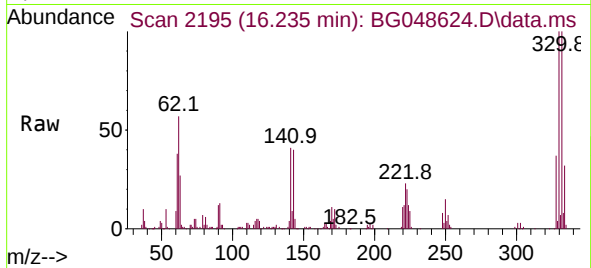




#42
2,4,6-Tribromophenol
Concen: 161.55 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

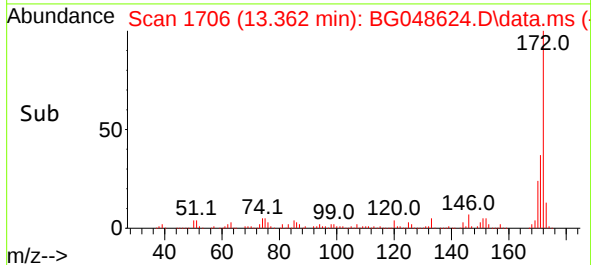
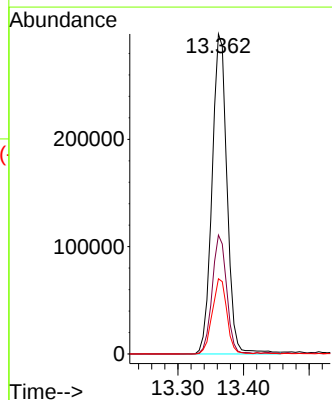
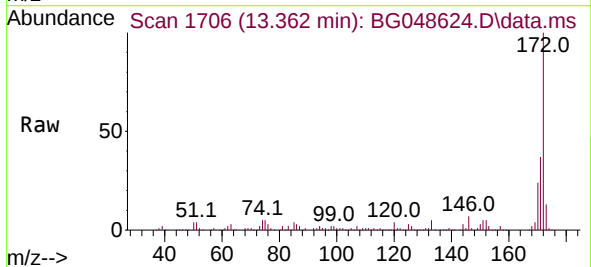
Instrument :
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ClientSampleId :
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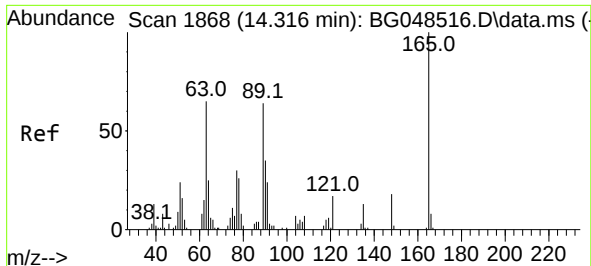
Tgt Ion:330 Resp: 142440
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 40.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 104.77 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

Tgt Ion:172 Resp: 472796
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 23.5 19.8 29.6

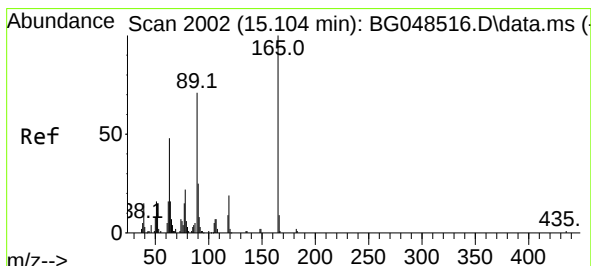
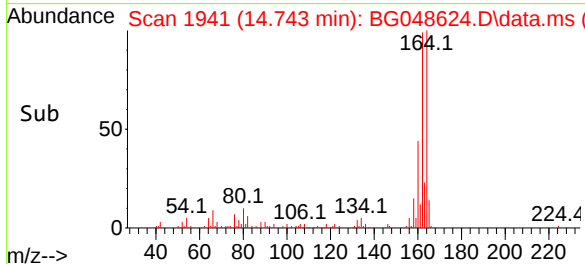
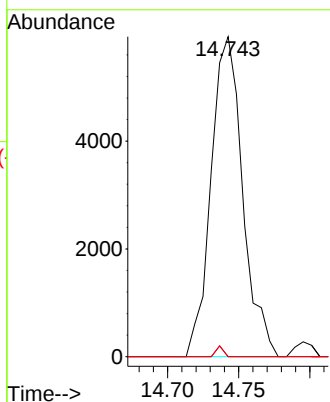
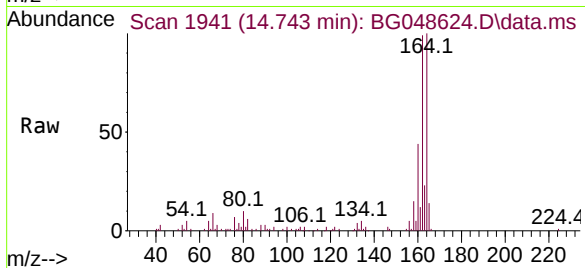




#51
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

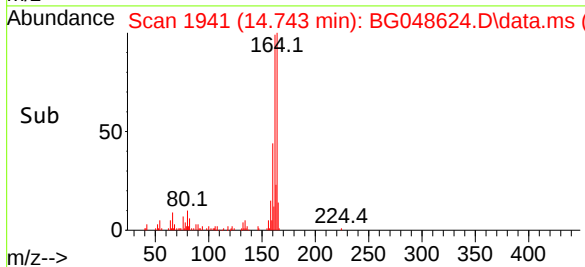
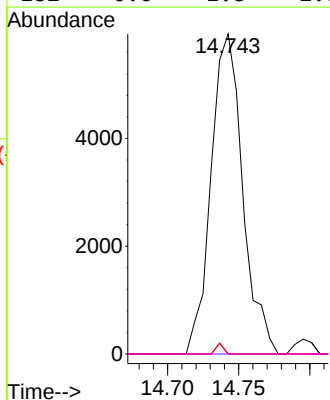
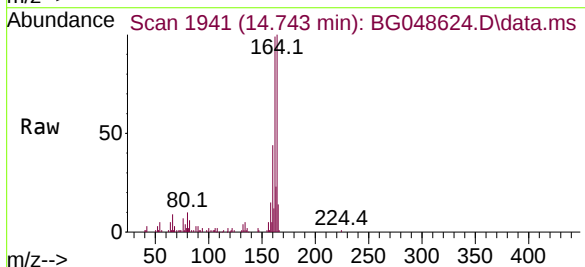
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ClientSampled :
AB-1

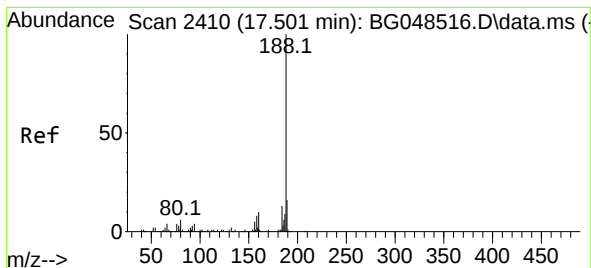
Tgt Ion:165 Resp: 9188
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

Tgt Ion:165 Resp: 9188
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#

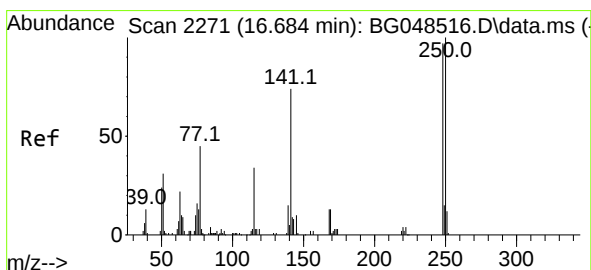
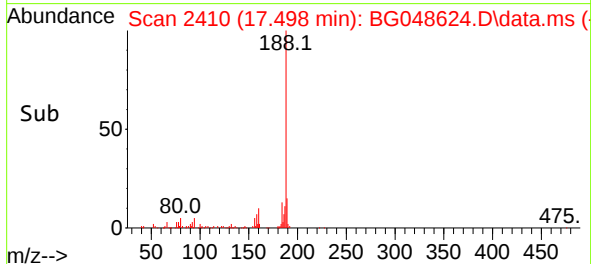
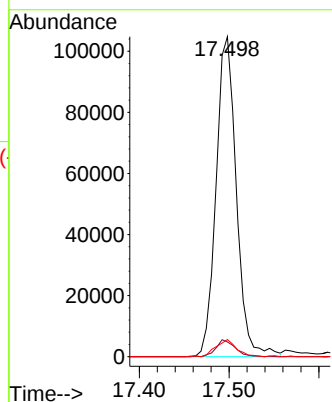
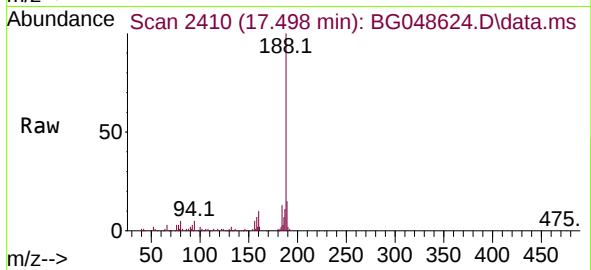




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

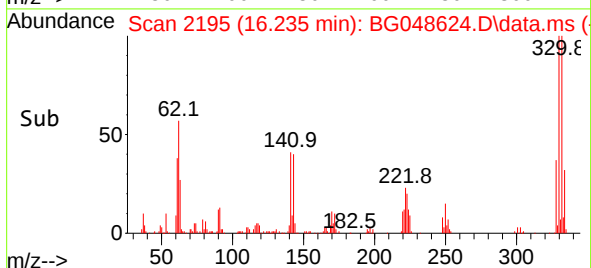
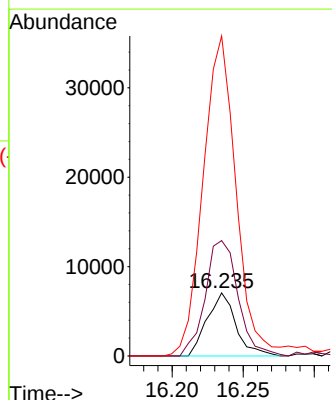
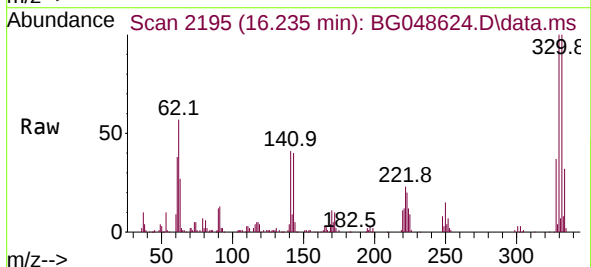
Instrument :
BNA_G
ClientSampleId :
AB-1

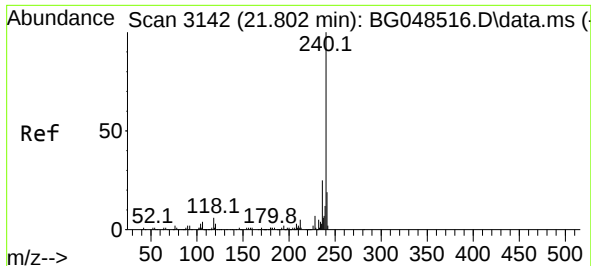
Tgt Ion:188 Resp: 164318
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.6#
80 5.3 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.48 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.449 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

Tgt Ion:248 Resp: 9984
Ion Ratio Lower Upper
248 100
250 183.0 82.6 124.0#
141 507.3 61.0 91.6#

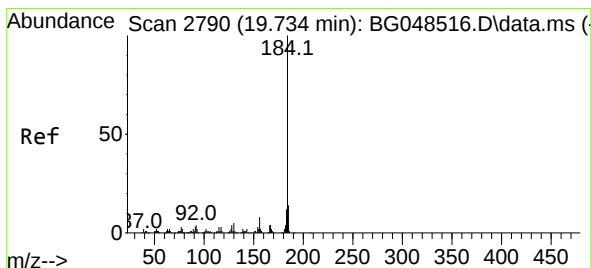
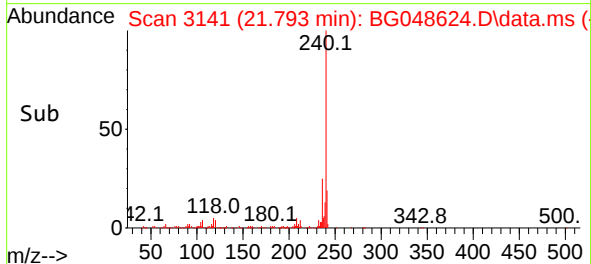
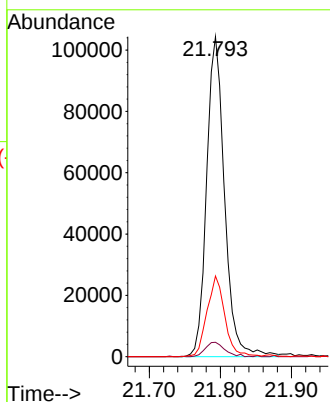
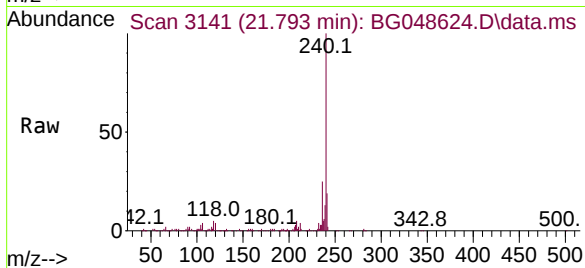




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

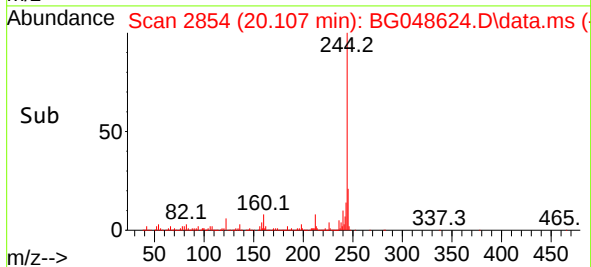
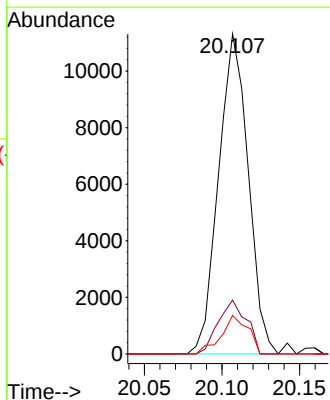
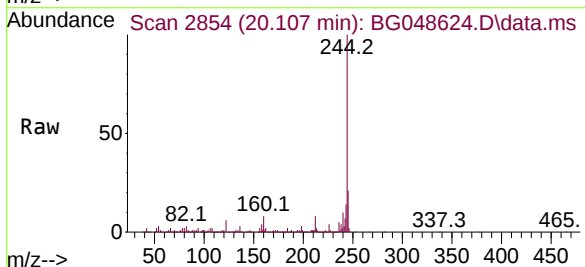
Instrument :
BNA_G
ClientSampled :
AB-1

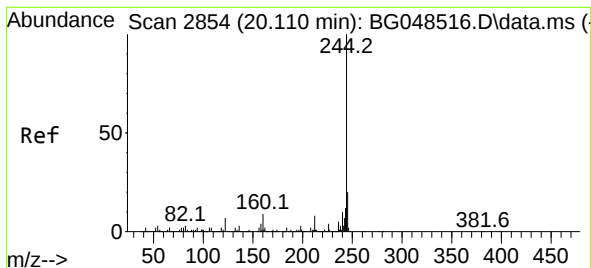
Tgt Ion:240 Resp: 182958
Ion Ratio Lower Upper
240 100
120 4.5 2.6 3.8#
236 25.2 19.8 29.6



#77
Benzidine
Concen: 2.42 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048624.D
Acq: 7 Apr 2021 19:42

Tgt Ion:184 Resp: 15022
Ion Ratio Lower Upper
184 100
185 16.8 11.0 16.4#
183 12.0 9.2 13.8





#79

Terphenyl-d14

Concen: 85.16 ng

RT: 20.107 min Scan# 2854

Delta R.T. -0.003 min

Lab File: BG048624.D

Acq: 7 Apr 2021 19:42

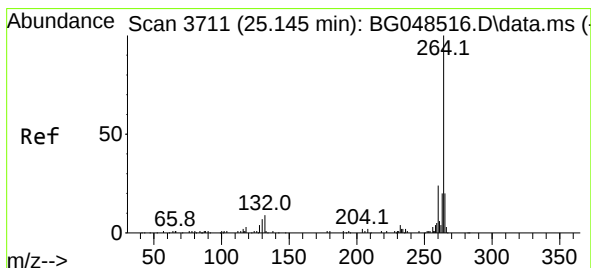
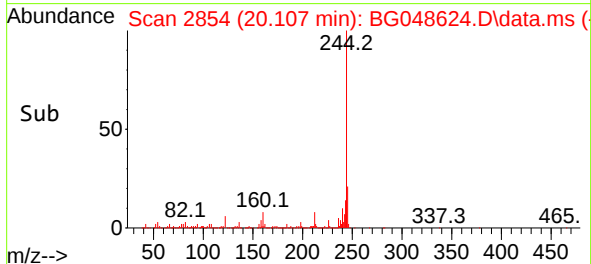
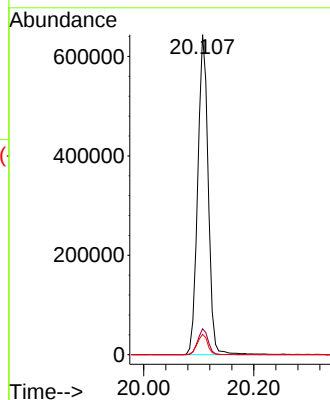
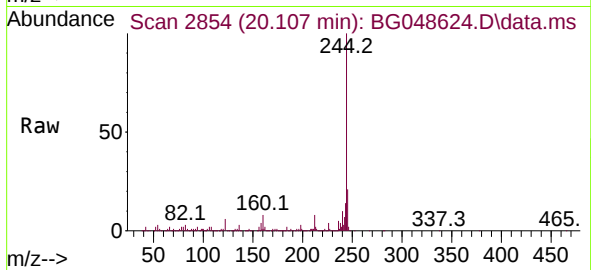
Tgt Ion:244 Resp: 852011

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

122 6.3 5.8 8.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.136 min Scan# 3710

Delta R.T. -0.009 min

Lab File: BG048624.D

Acq: 7 Apr 2021 19:42

Tgt Ion:264 Resp: 166909

Ion Ratio Lower Upper

264 100

260 22.1 19.1 28.7

265 18.1 16.1 24.1

