

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048496.D
 Acq On : 25 Mar 2021 10:54
 Operator : CG/JU
 Sample : PB135315BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135315BL

Quant Time: Mar 25 12:00:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

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

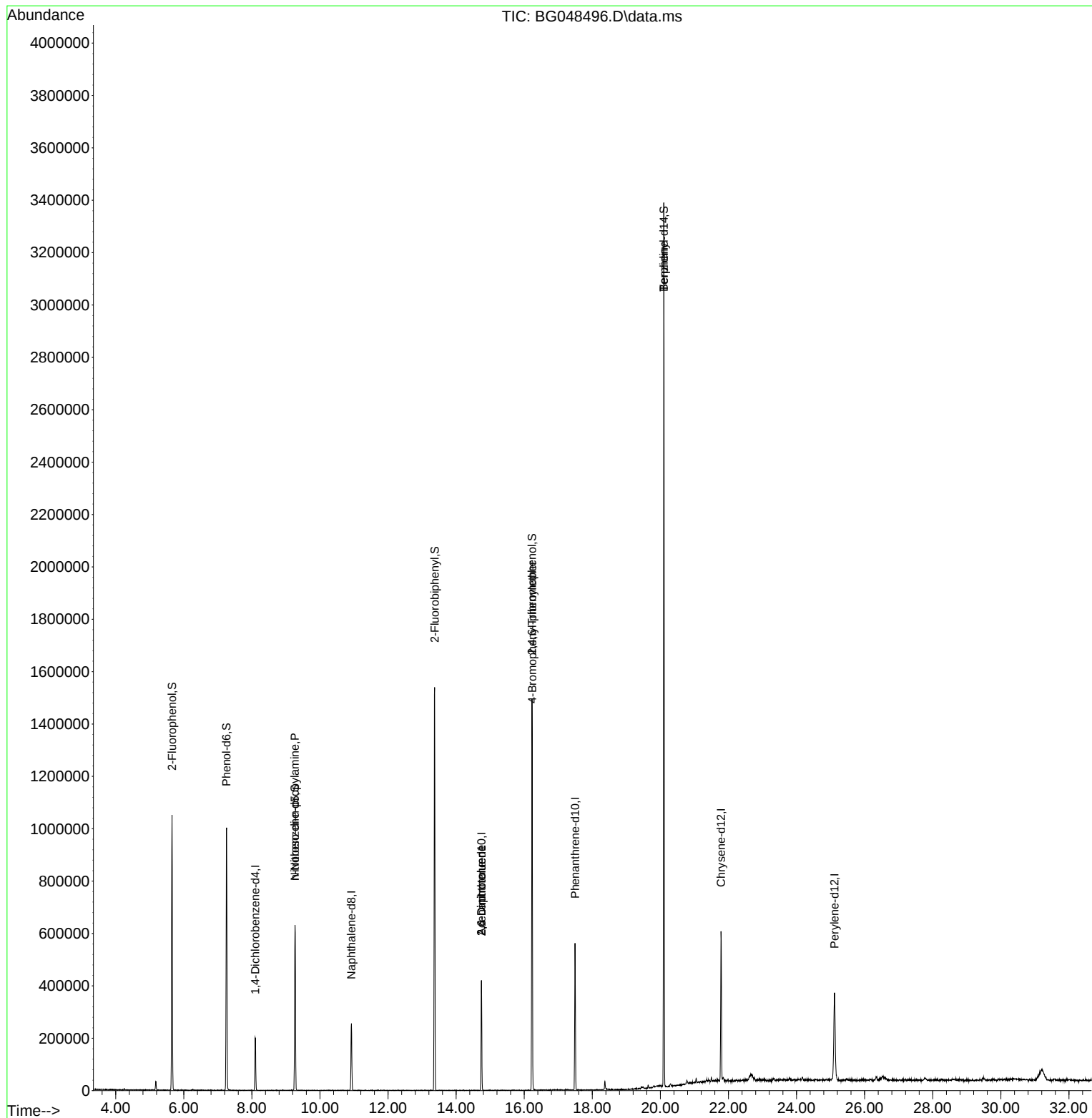
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	53703	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	202005	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	141293	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	342272	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	352163	20.00	ng	#-0.01
86) Perylene-d12	25.113	264	364298	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	400295	123.26	ng	0.00
7) Phenol-d6	7.252	99	525138	111.13	ng	0.00
23) Nitrobenzene-d5	9.267	82	393101	77.81	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	269165	117.14	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	786055	80.03	ng	0.00
79) Terphenyl-d14	20.101	244	1434677	73.47	ng	0.00
Target Compounds						
9) Benzaldehyde	7.252	77	1397	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	58320	16.63	ng	# 74
51) 2,6-Dinitrotoluene	14.743	165	19423	7.85	ng	# 36
57) 2,4-Dinitrotoluene	14.743	165	19423	5.53	ng	# 34
67) 4-Bromophenyl-phenylether	16.235	248	17146	3.98	ng	# 1
77) Benzidine	20.101	184	29262	2.77	ng	94

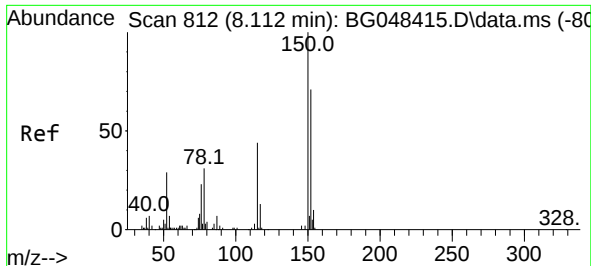
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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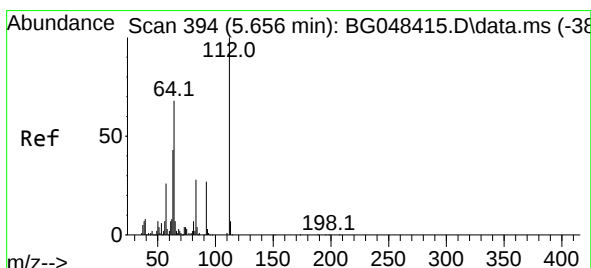
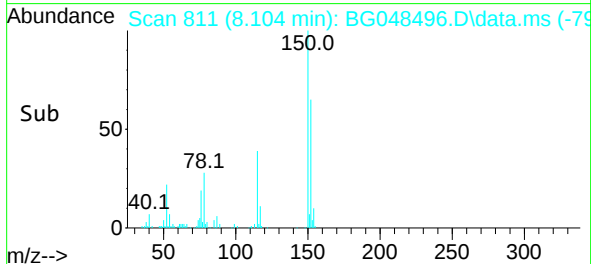
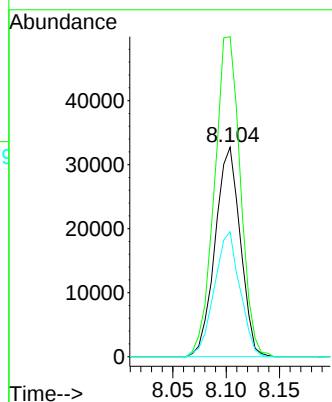
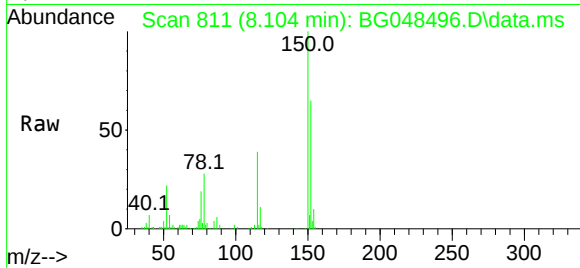




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

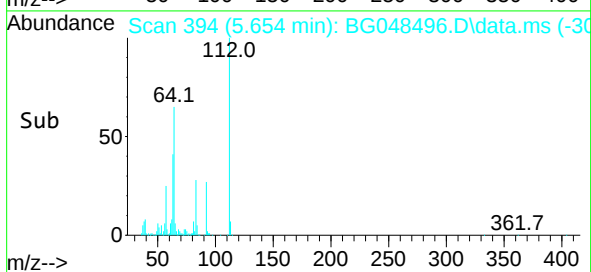
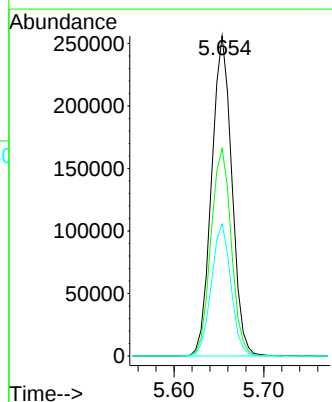
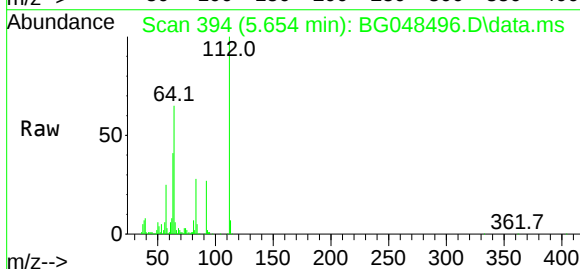
Instrument :
BNA_G
ClientSampleId :
PB135315BL

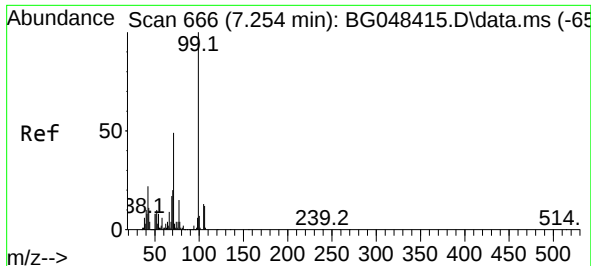
Tgt Ion:152 Resp: 53703
Ion Ratio Lower Upper
152 100
150 152.8 125.0 187.6
115 59.7 41.8 62.6



#5
2-Fluorophenol
Concen: 123.26 ng
RT: 5.654 min Scan# 394
Delta R.T. 0.007 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion:112 Resp: 400295
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 41.3 22.8 34.2#

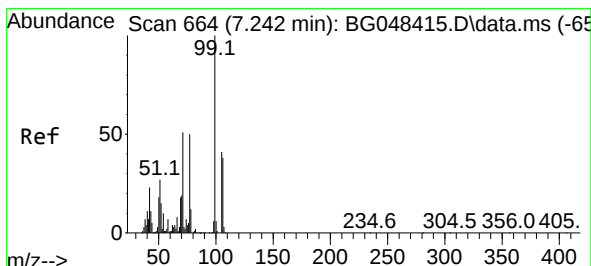
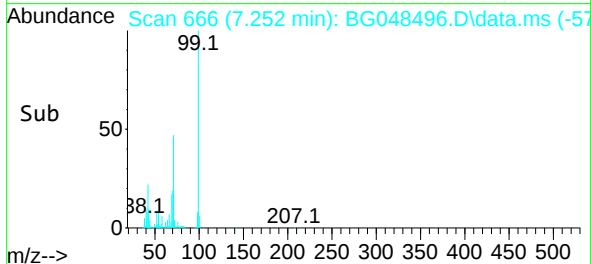
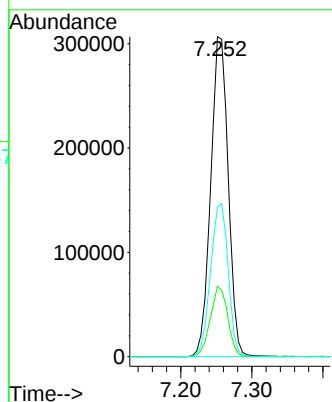
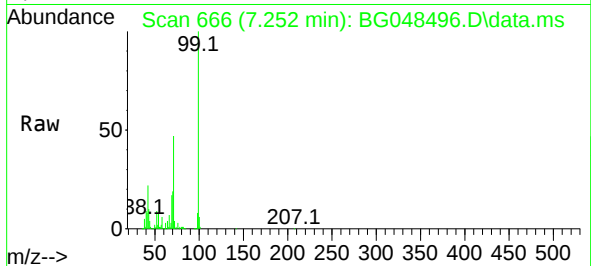




#7
Phenol-d6
Concen: 111.13 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

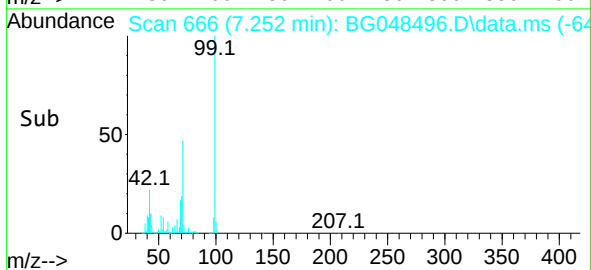
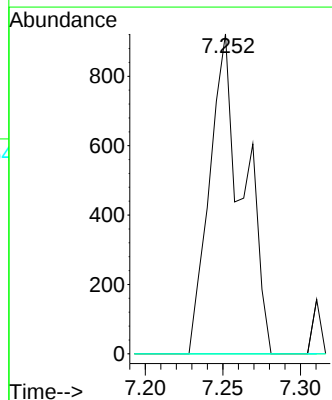
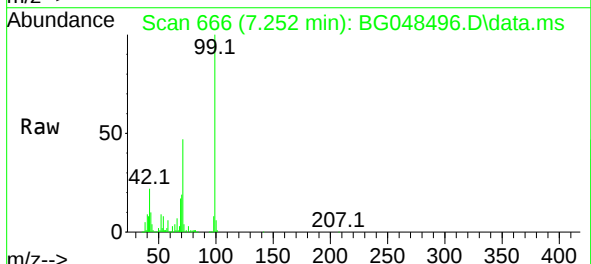
Instrument :
BNA_G
ClientSampleId :
PB135315BL

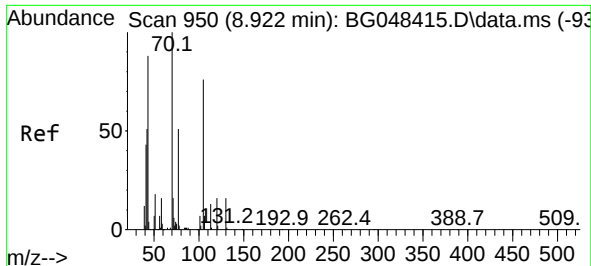
Tgt Ion: 99 Resp: 525138
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 46.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.013 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion: 77 Resp: 1397
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

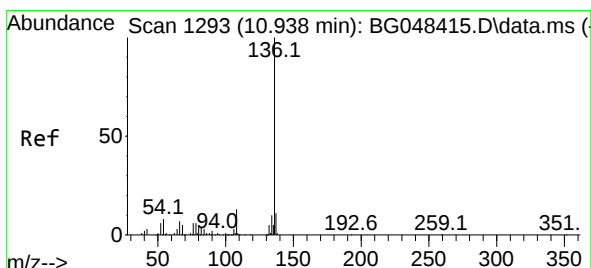
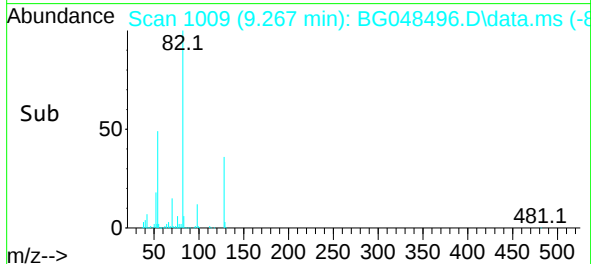
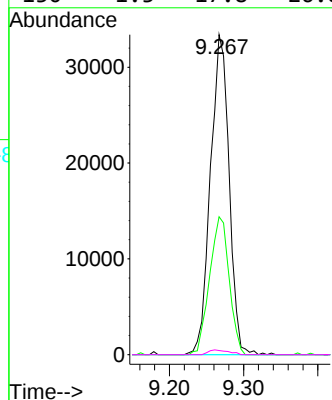
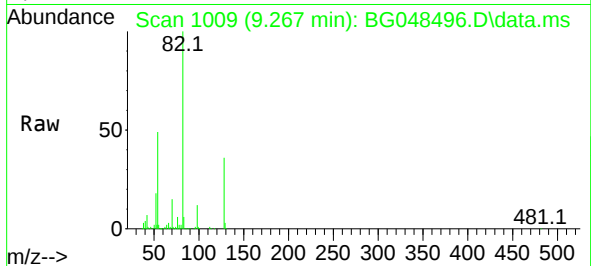




#19
n-Nitroso-di-n-propylamine
Concen: 16.63 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

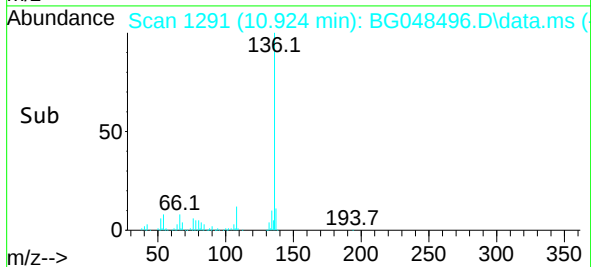
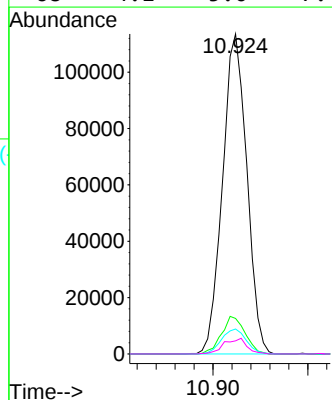
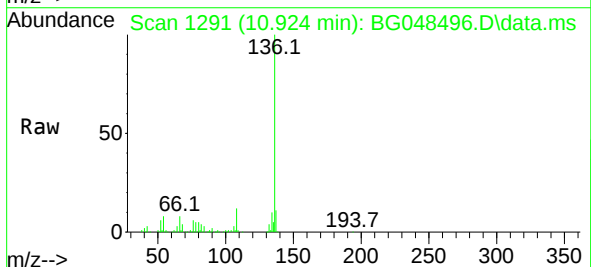
Instrument :
BNA_G
ClientSampleId :
PB135315BL

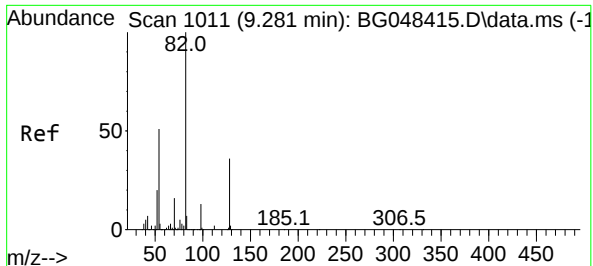
Tgt Ion: 70	Resp: 58320
Ion Ratio	Lower Upper
70 100	
42 43.1	45.6 68.4#
101 0.0	8.4 12.6#
130 1.3	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion: 136	Resp: 202005
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 7.8	6.2 9.4
68 4.1	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 77.81 ng

RT: 9.267 min Scan# 1009

Delta R.T. -0.005 min

Lab File: BG048496.D

Acq: 25 Mar 2021 10:54

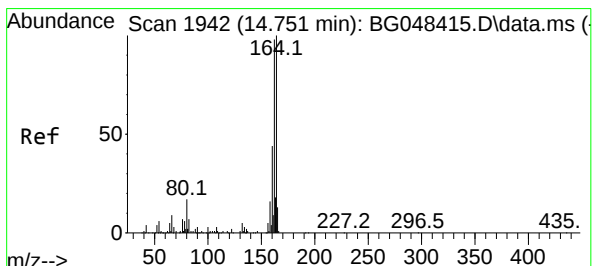
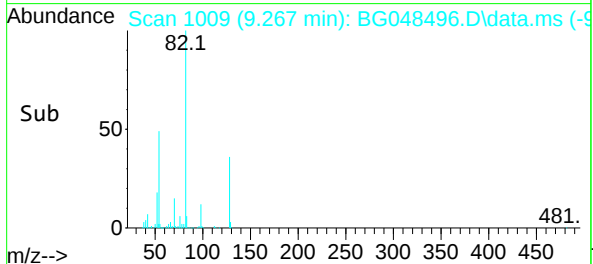
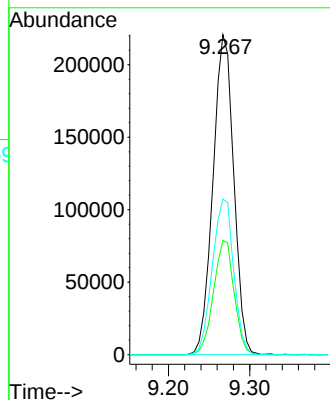
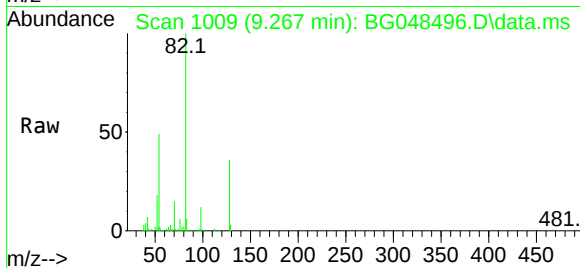
Instrument :

BNA_G

ClientSampleId :

PB135315BL

Tgt Ion: 82	Resp: 393101
Ion Ratio	Lower Upper
82 100	
128 35.8	37.0 55.6#
54 48.6	39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

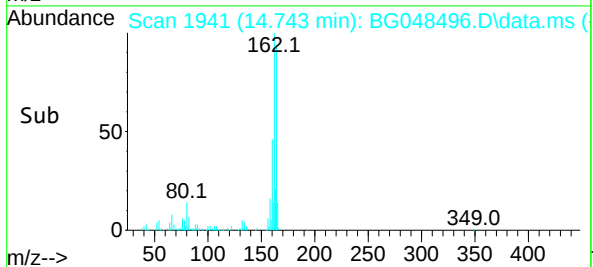
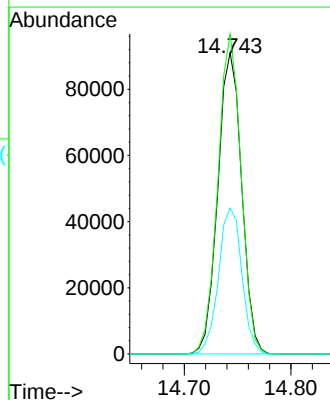
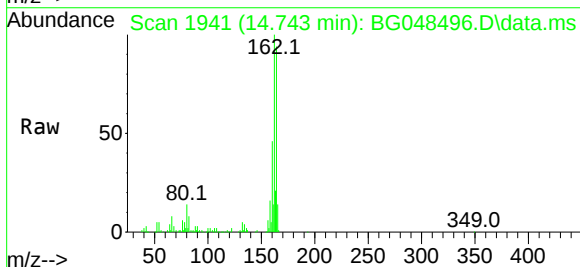
RT: 14.743 min Scan# 1941

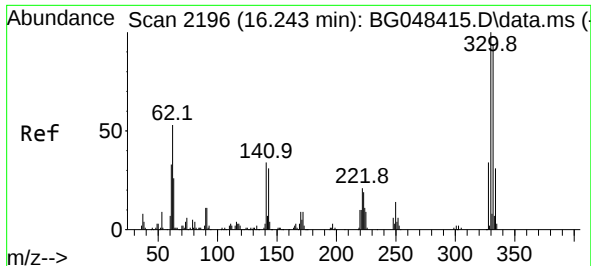
Delta R.T. -0.005 min

Lab File: BG048496.D

Acq: 25 Mar 2021 10:54

Tgt Ion: 164	Resp: 141293
Ion Ratio	Lower Upper
164 100	
162 106.2	82.3 123.5
160 48.5	35.3 52.9

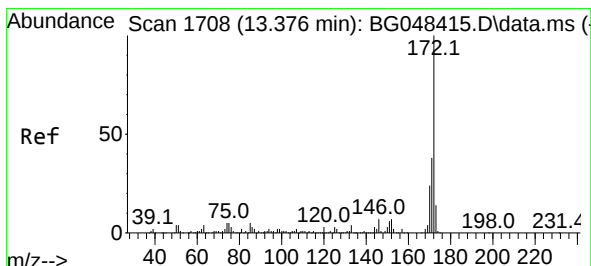
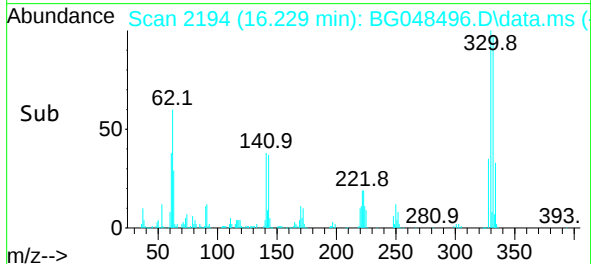
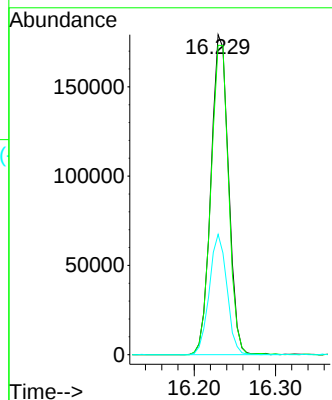
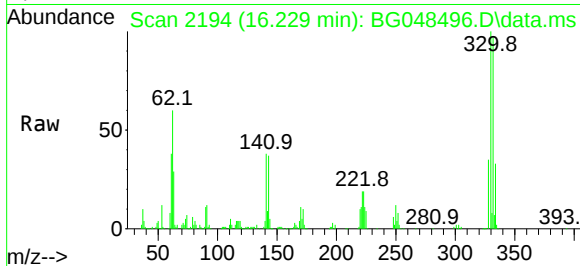




#42
2,4,6-Tribromophenol
Concen: 117.14 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

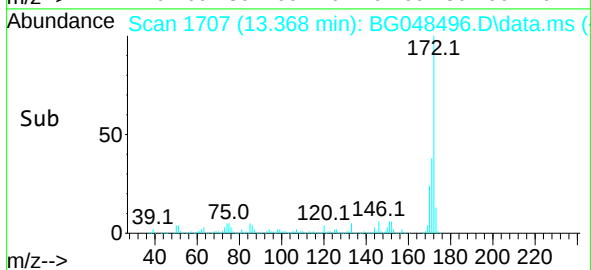
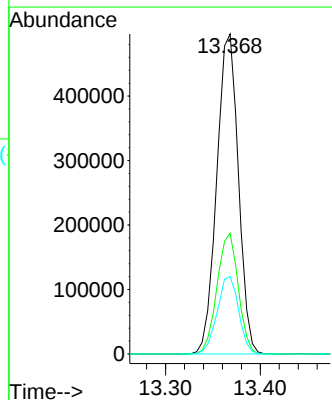
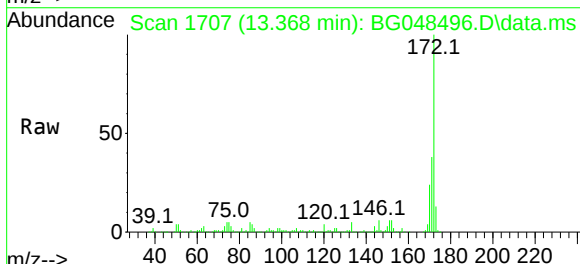
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ClientSampleId :
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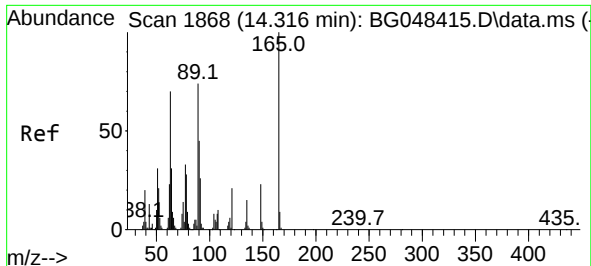
Tgt Ion:330 Resp: 269165
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 37.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.03 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion:172 Resp: 786055
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.2 20.8 31.2

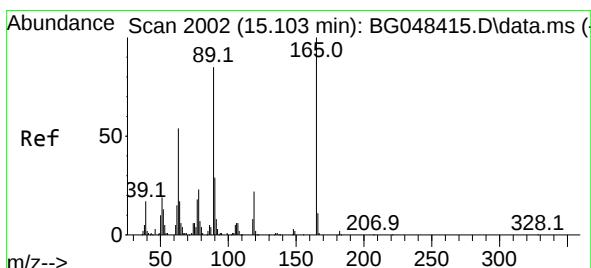
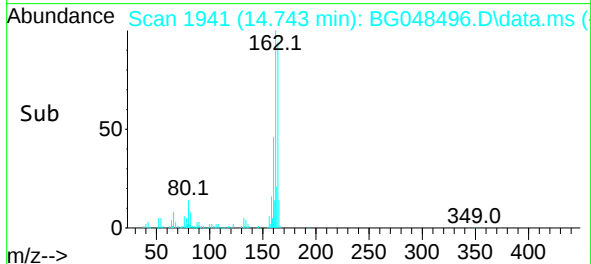
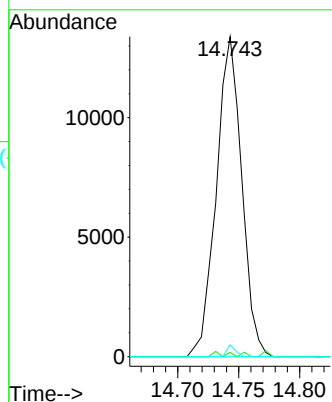
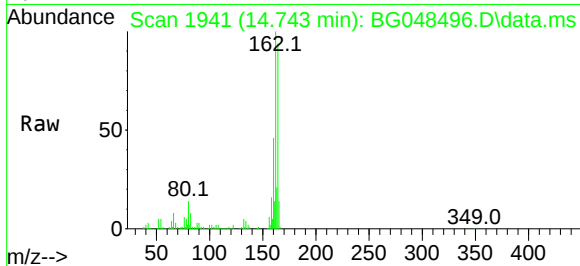




#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

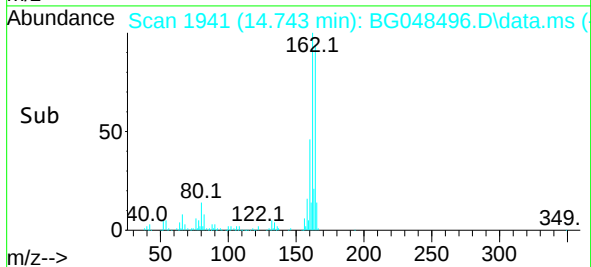
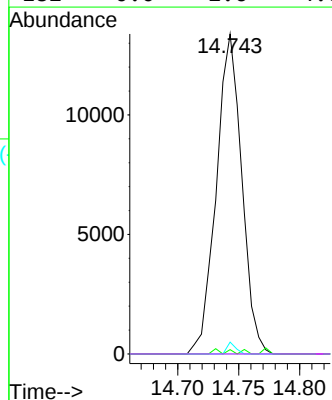
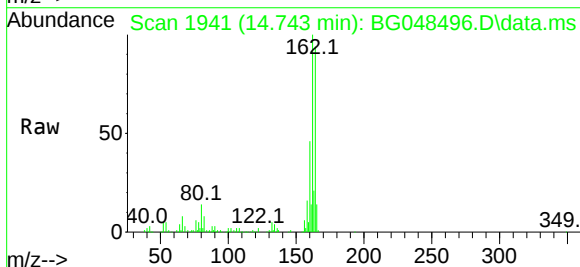
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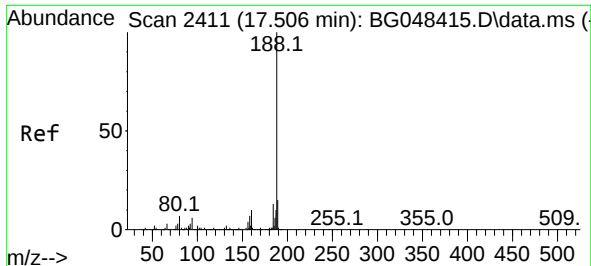
Tgt Ion:165 Resp: 19423
Ion Ratio Lower Upper
165 100
63 1.3 33.7 50.5#
89 3.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.357 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion:165 Resp: 19423
Ion Ratio Lower Upper
165 100
63 1.3 26.4 39.6#
89 3.7 47.8 71.8#
182 0.0 2.6 4.0#

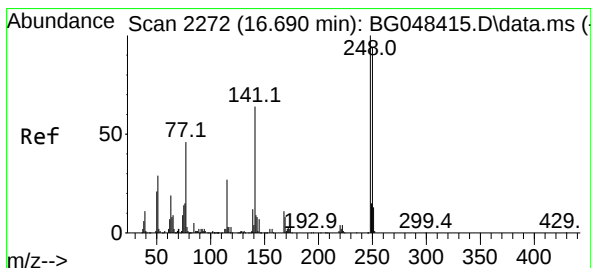
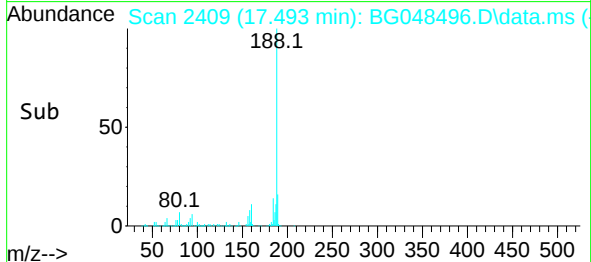
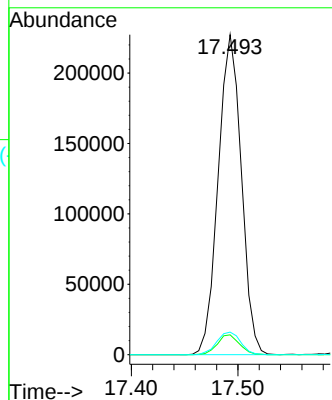
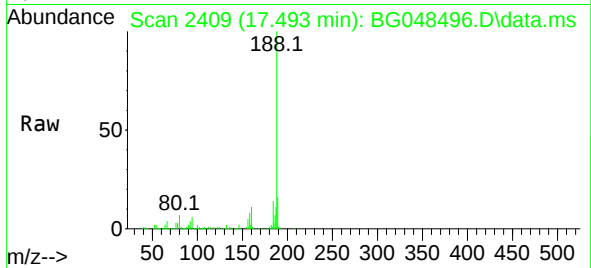




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

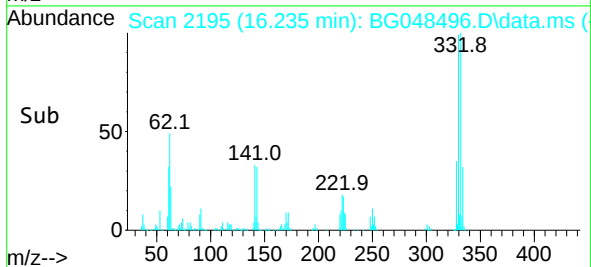
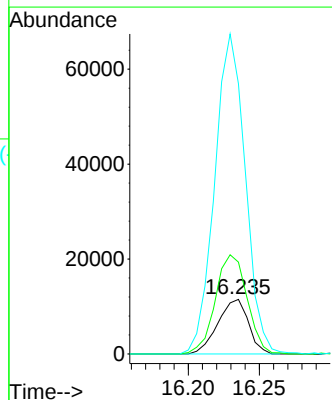
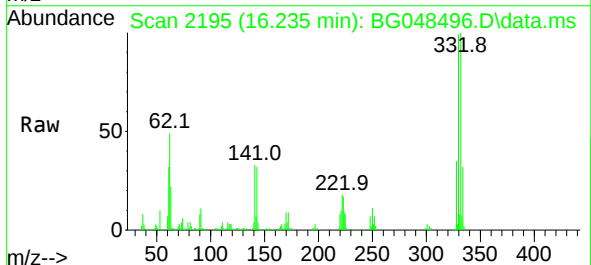
Instrument :
BNA_G
ClientSampleId :
PB135315BL

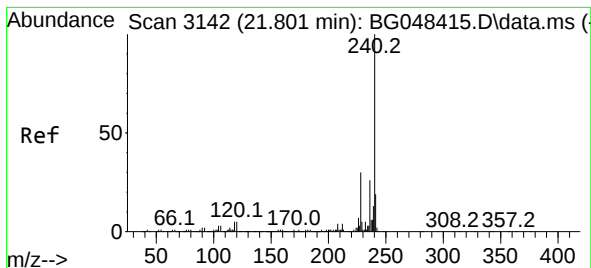
Tgt Ion:188 Resp: 342272
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion:248 Resp: 17146
Ion Ratio Lower Upper
248 100
250 168.4 78.9 118.3#
141 495.1 46.2 69.4#

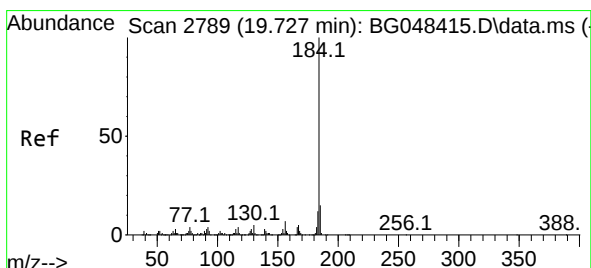
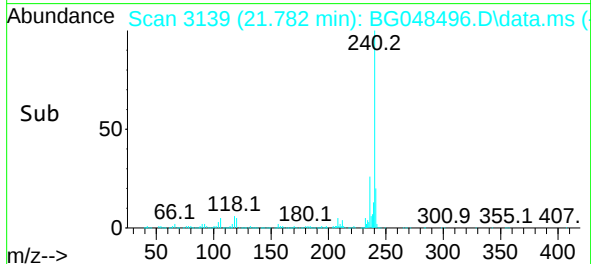
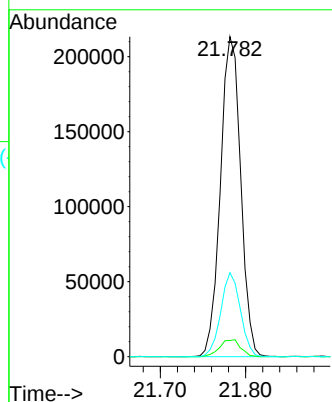
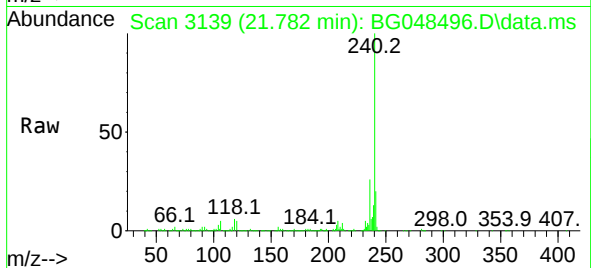




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

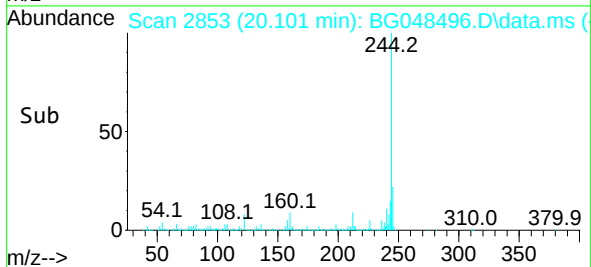
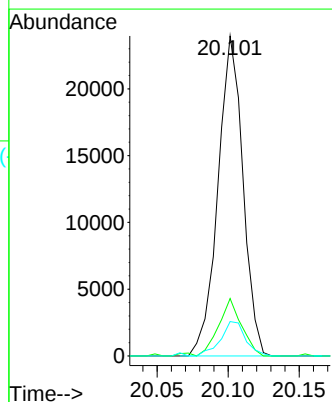
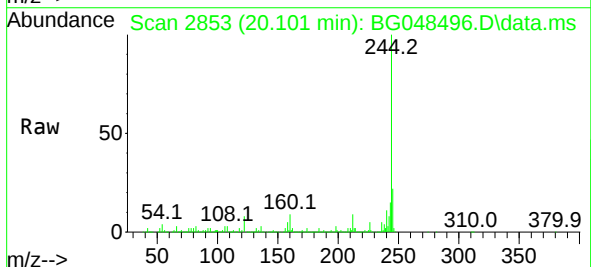
Instrument :
BNA_G
ClientSampleId :
PB135315BL

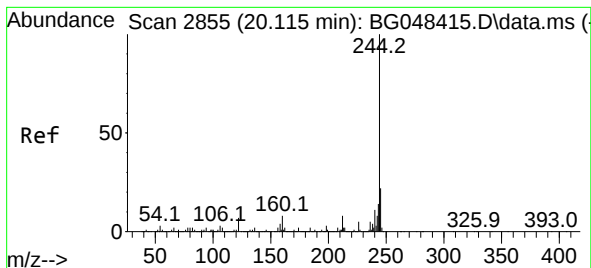
Tgt Ion:240 Resp: 352163
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.3 20.5 30.7



#77
Benzidine
Concen: 2.77 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.377 min
Lab File: BG048496.D
Acq: 25 Mar 2021 10:54

Tgt Ion:184 Resp: 29262
Ion Ratio Lower Upper
184 100
185 18.0 12.4 18.6
183 10.7 10.6 15.8





#79

Terphenyl-d14

Concen: 73.47 ng

RT: 20.101 min Scan# 2853

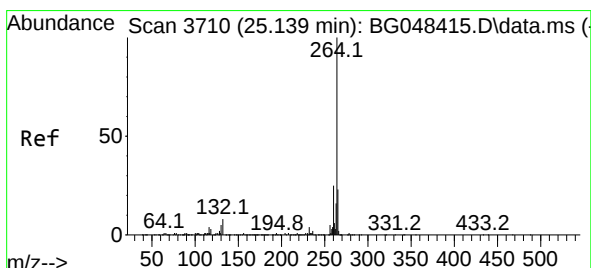
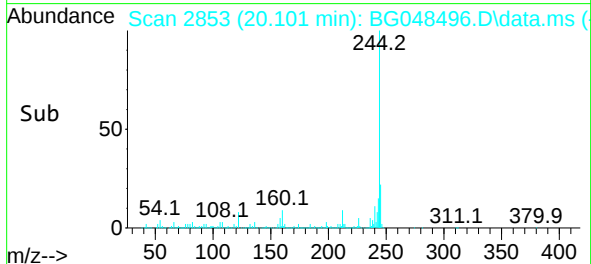
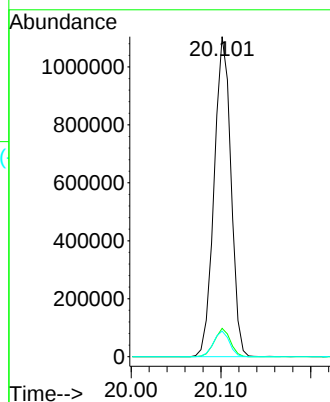
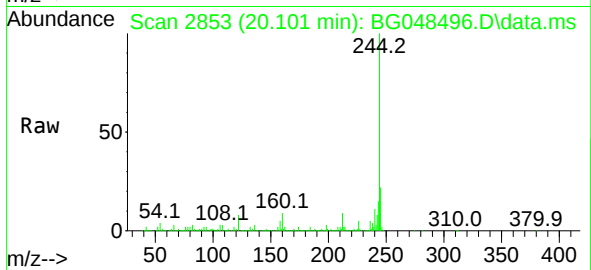
Delta R.T. -0.005 min

Lab File: BG048496.D

Acq: 25 Mar 2021 10:54

Tgt Ion:244 Resp: 1434677

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.7	10.1
122	8.0	7.8	11.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.113 min Scan# 3706

Delta R.T. -0.011 min

Lab File: BG048496.D

Acq: 25 Mar 2021 10:54

Tgt Ion:264 Resp: 364298

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	21.7	17.8	26.8

