

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048625.D
 Acq On : 7 Apr 2021 20:22
 Operator : CG/JU
 Sample : M1934-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Apr 08 03:35:48 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)

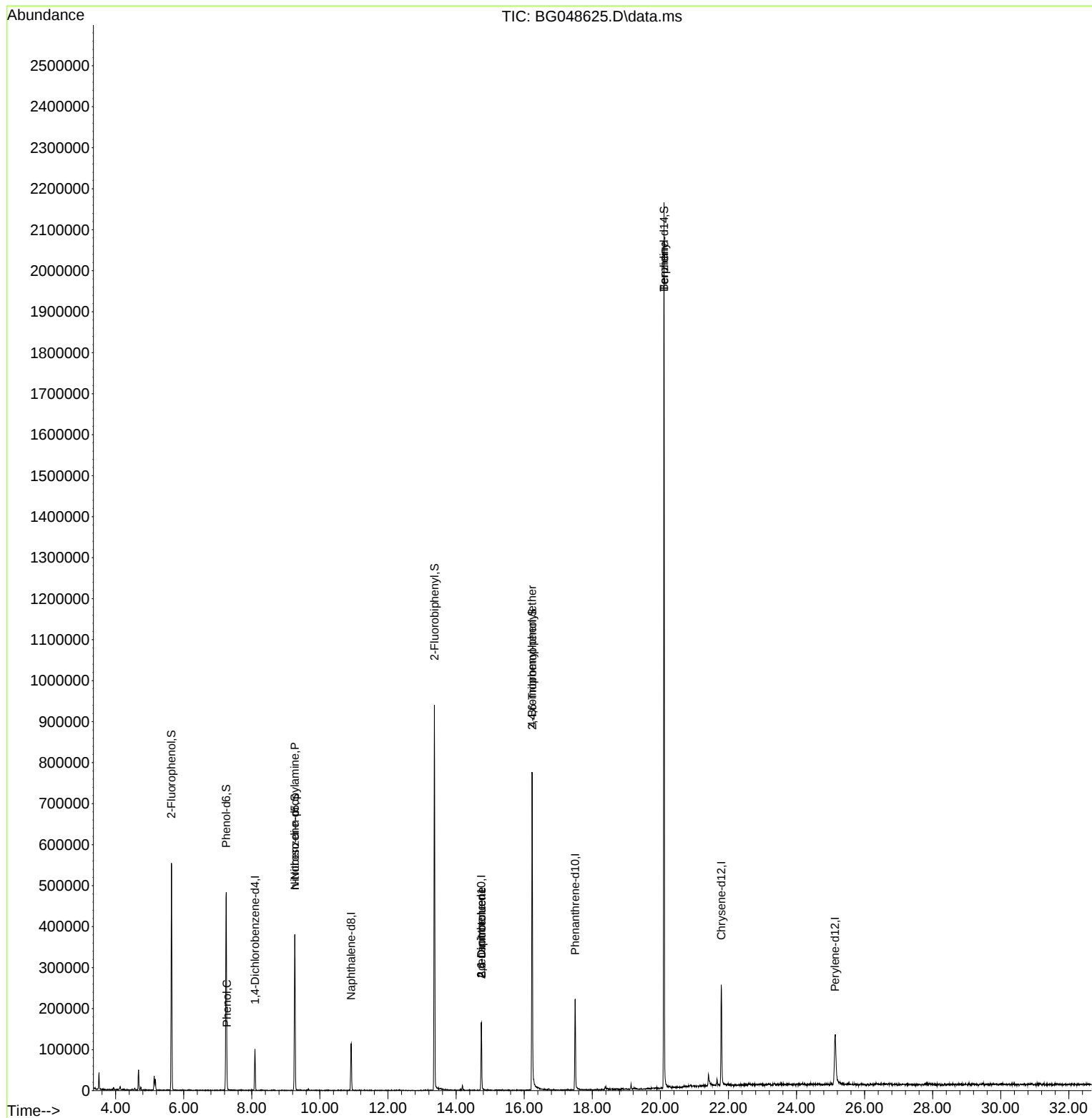
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	25909	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	97629	20.00	ng	#-0.01
39) Acenaphthene-d10	14.739	164	62144	20.00	ng	-0.01
64) Phenanthrene-d10	17.500	188	157240	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	173279	20.00	ng	#-0.01
86) Perylene-d12	25.133	264	163911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	224157	152.75	ng	0.00
7) Phenol-d6	7.248	99	258238	121.33	ng	0.00
23) Nitrobenzene-d5	9.263	82	222484	110.33	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	153469	187.87	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	497418	118.97	ng	0.00
79) Terphenyl-d14	20.109	244	1018628	107.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.271	94	4890	2.29	ng	# 80
19) n-Nitroso-di-n-propyla...	9.263	70	35121	23.94	ng	# 73
51) 2,6-Dinitrotoluene	14.745	165	8839	8.38	ng	# 24
57) 2,4-Dinitrotoluene	14.745	165	8839	5.92	ng	# 28
67) 4-Bromophenyl-phenylether	16.231	248	10293	5.91	ng	# 1
77) Benzidine	20.109	184	18870	3.22	ng	95

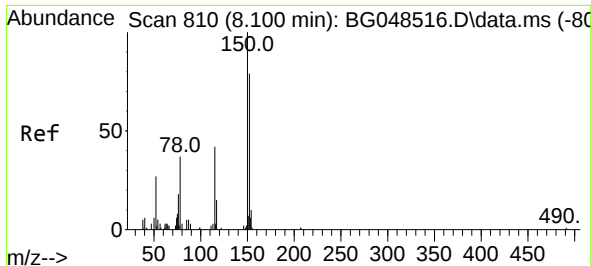
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048625.D
Acq On : 7 Apr 2021 20:22
Operator : CG/JU
Sample : M1934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Time: Apr 08 03:35:48 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

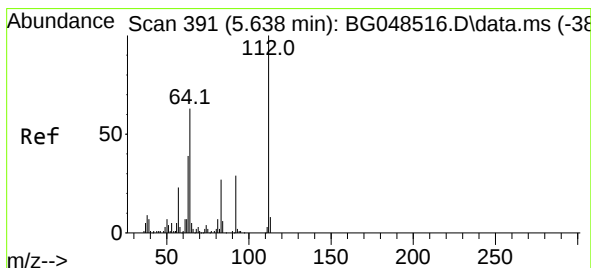
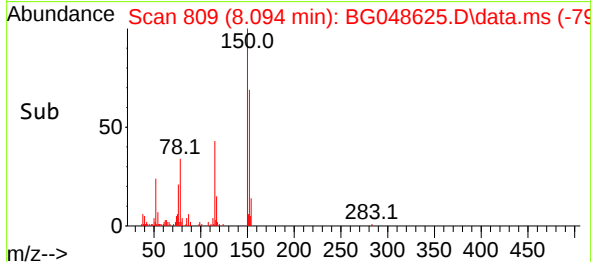
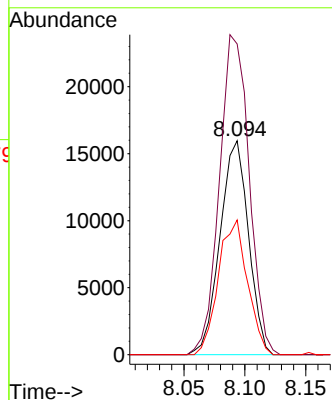
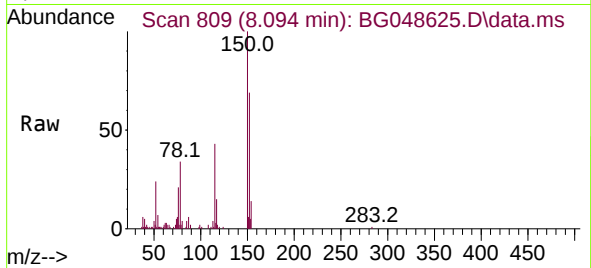




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.094 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

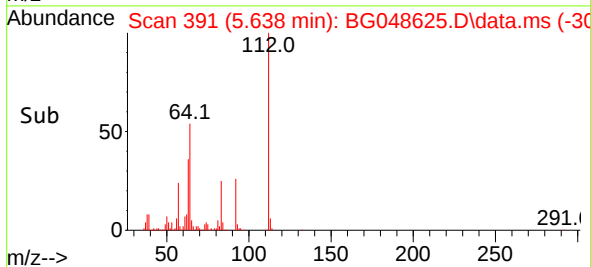
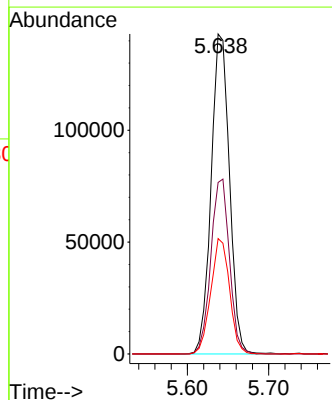
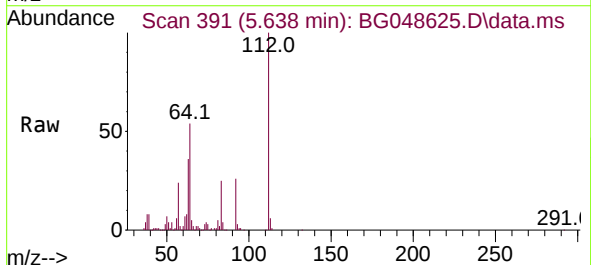
Instrument :
BNA_G
ClientSampled :
TP-3

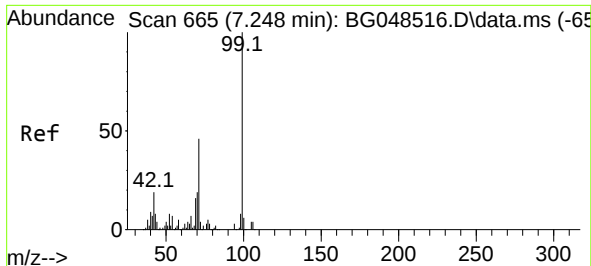
Tgt Ion:152 Resp: 25909
Ion Ratio Lower Upper
152 100
150 145.3 101.3 151.9
115 63.0 42.3 63.5



#5
2-Fluorophenol
Concen: 152.75 ng
RT: 5.638 min Scan# 391
Delta R.T. -0.001 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion:112 Resp: 224157
Ion Ratio Lower Upper
112 100
64 53.6 50.4 75.6
63 36.0 31.4 47.2

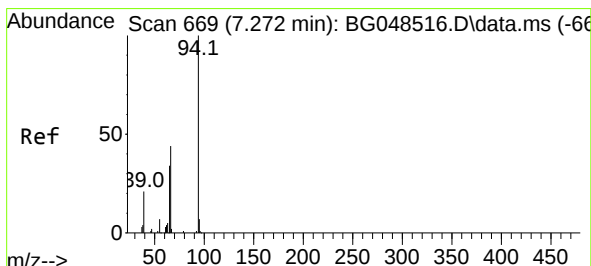
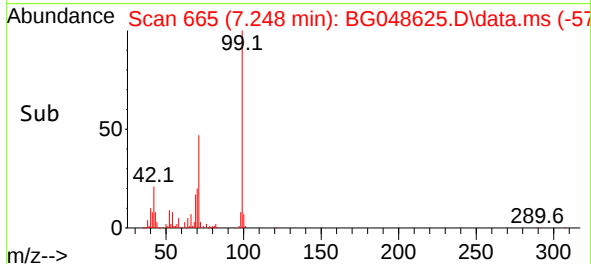
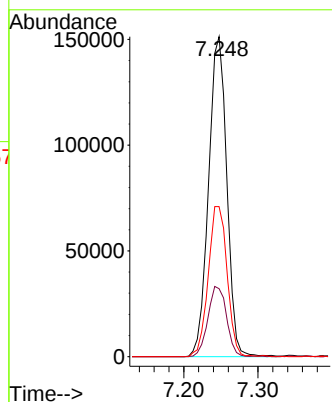
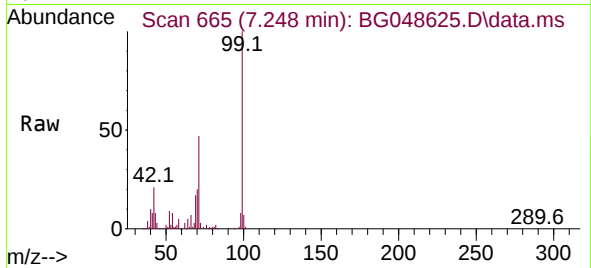




#7
Phenol-d6
Concen: 121.33 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.001 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

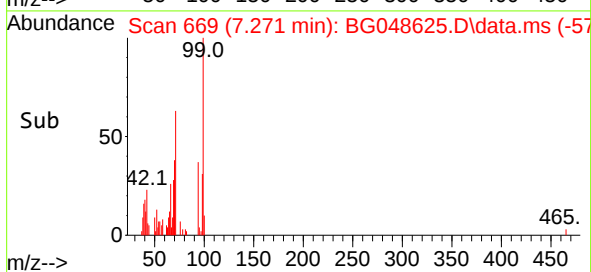
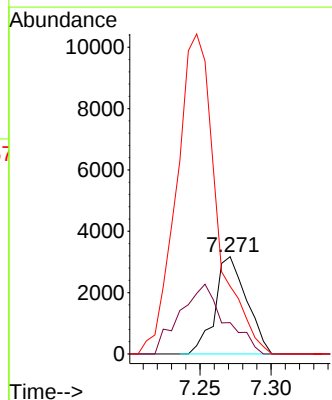
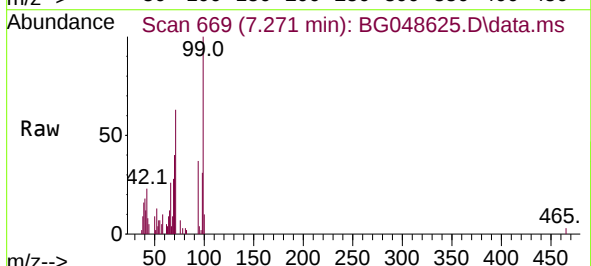
Instrument :
BNA_G
ClientSampleId :
TP-3

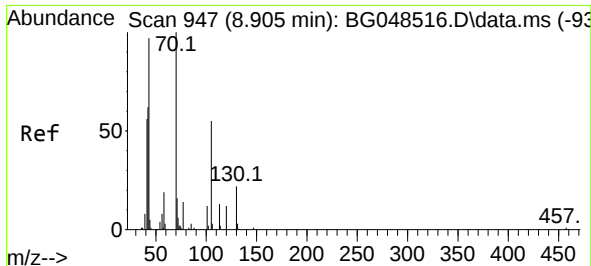
Tgt Ion: 99 Resp: 258238
Ion Ratio Lower Upper
99 100
42 21.3 15.5 23.3
71 46.9 36.6 54.8



#10
Phenol
Concen: 2.29 ng
RT: 7.271 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion: 94 Resp: 4890
Ion Ratio Lower Upper
94 100
65 32.2 15.1 55.1
66 69.5 28.9 68.9#

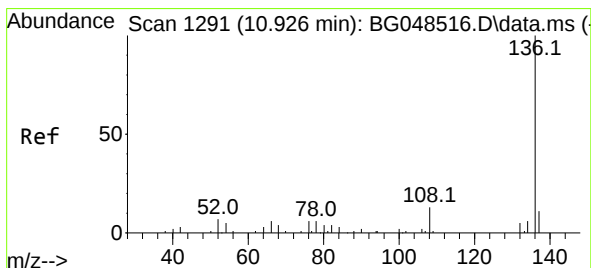
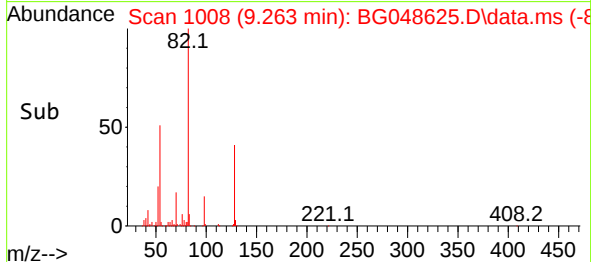
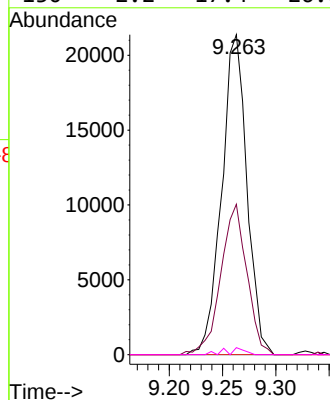
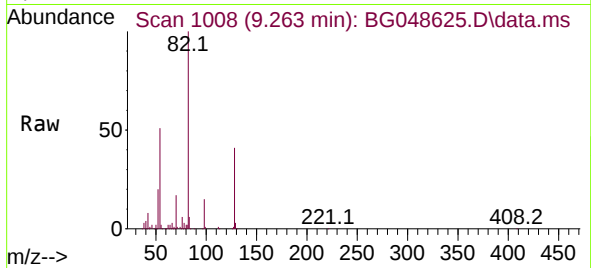




#19
n-Nitroso-di-n-propylamine
Concen: 23.94 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.358 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

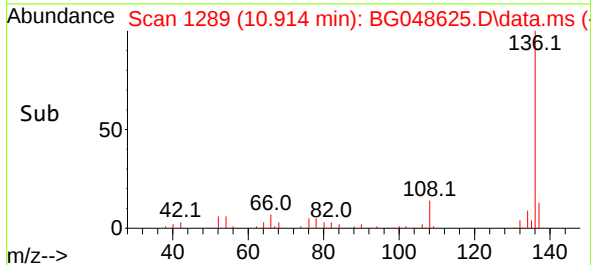
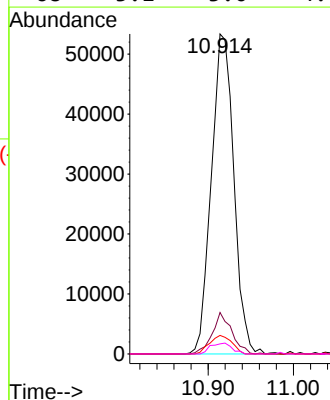
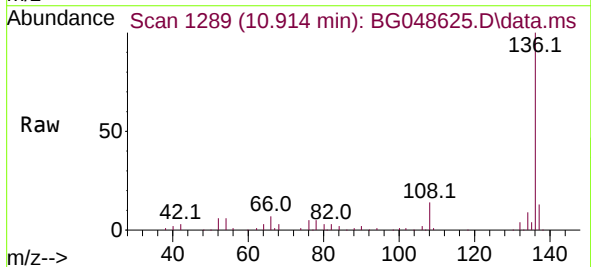
Instrument :
BNA_G
ClientSampled :
TP-3

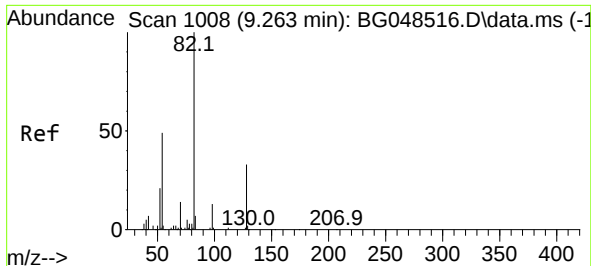
Tgt Ion: 70 Resp: 35121
Ion Ratio Lower Upper
70 100
42 47.0 50.8 76.2#
101 0.0 9.7 14.5#
130 2.2 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion: 136 Resp: 97629
Ion Ratio Lower Upper
136 100
137 12.9 8.6 12.8#
54 5.8 4.2 6.4
68 3.1 3.0 4.4

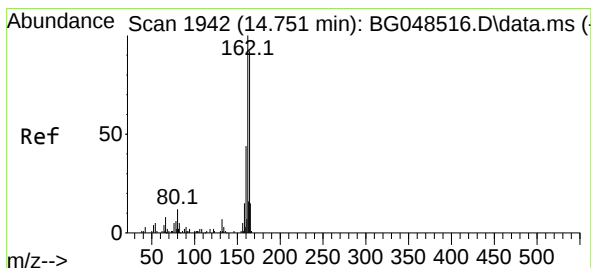
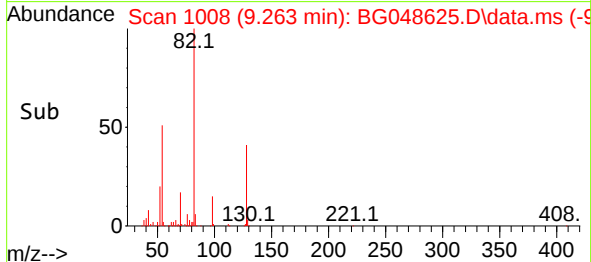
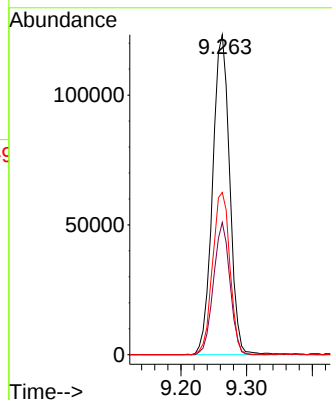
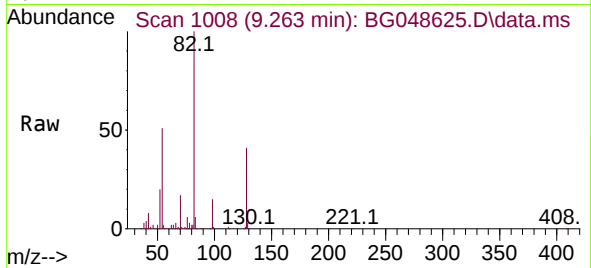




#23
Nitrobenzene-d5
Concen: 110.33 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

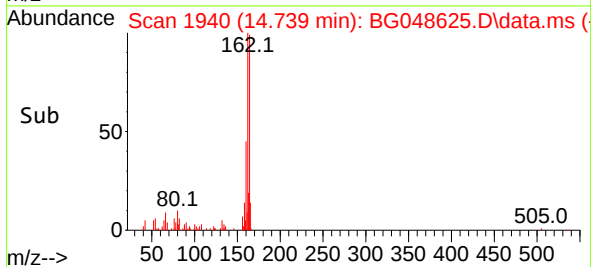
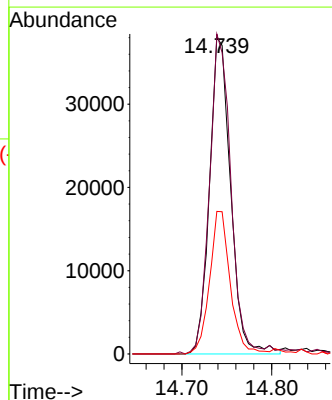
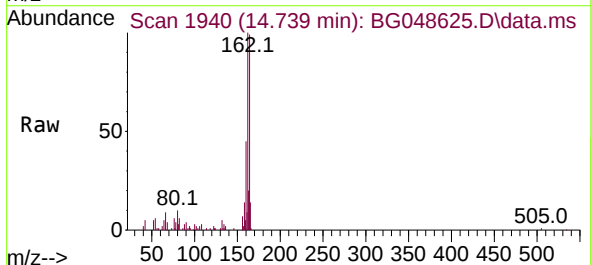
Instrument :
BNA_G
ClientSampleId :
TP-3

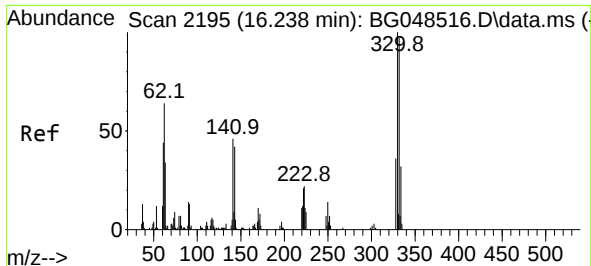
Tgt Ion: 82 Resp: 222484
Ion Ratio Lower Upper
82 100
128 41.3 26.2 39.4#
54 50.7 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion:164 Resp: 62144
Ion Ratio Lower Upper
164 100
162 101.0 87.0 130.6
160 45.0 38.4 57.6

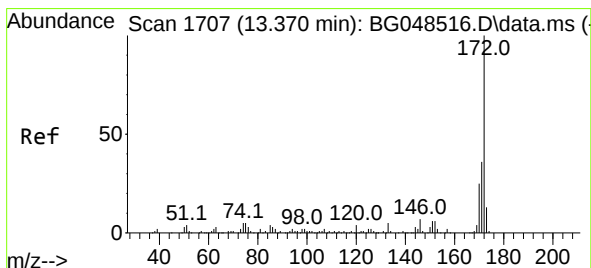
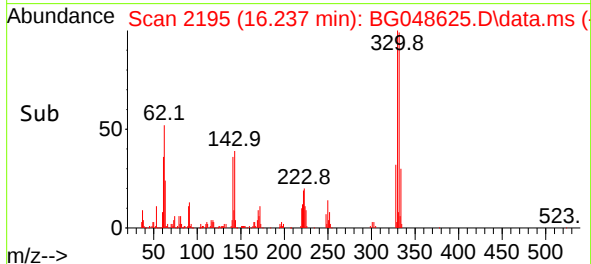
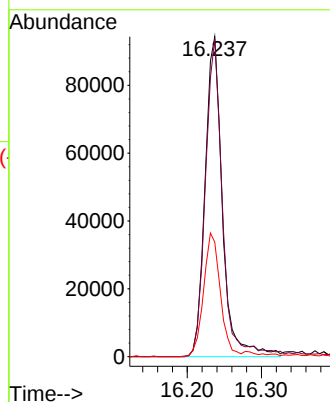
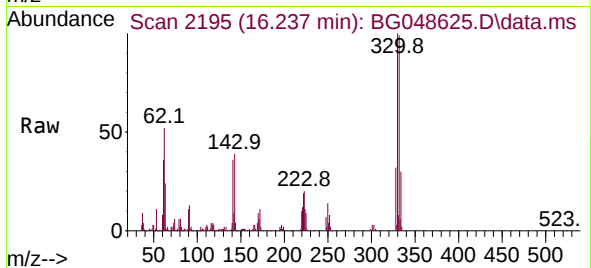




#42
2,4,6-Tribromophenol
Concen: 187.87 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

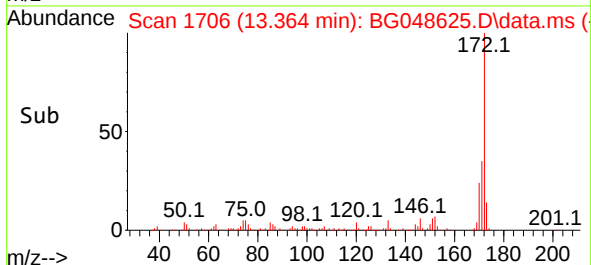
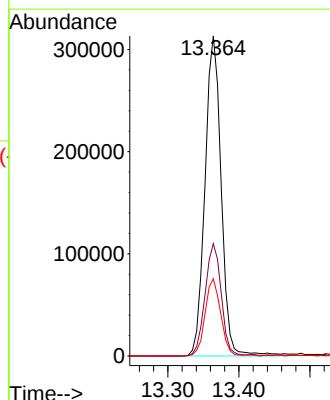
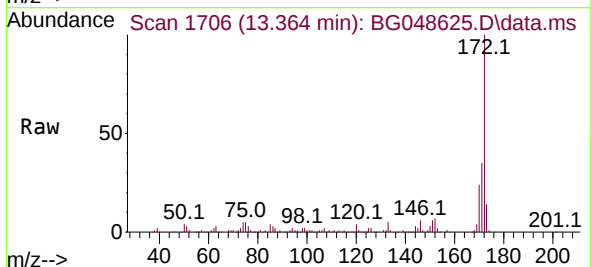
Instrument :
BNA_G
ClientSampleId :
TP-3

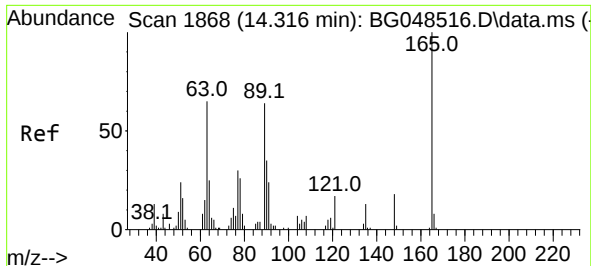
Tgt Ion:330 Resp: 153469
Ion Ratio Lower Upper
330 100
332 98.6 77.6 116.4
141 37.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 118.97 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion:172 Resp: 497418
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.1 19.8 29.6

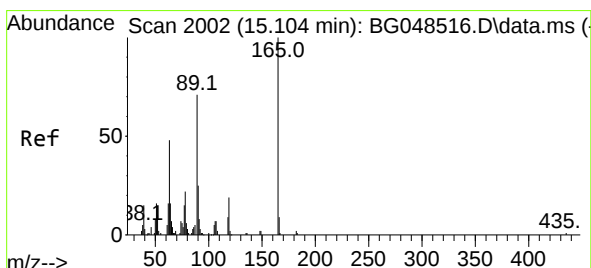
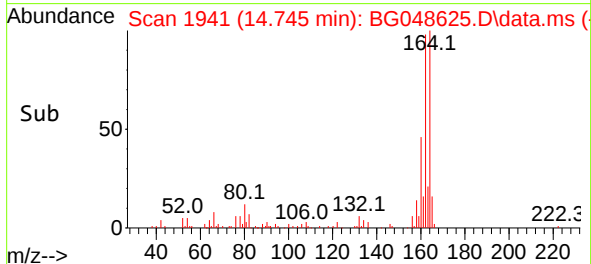
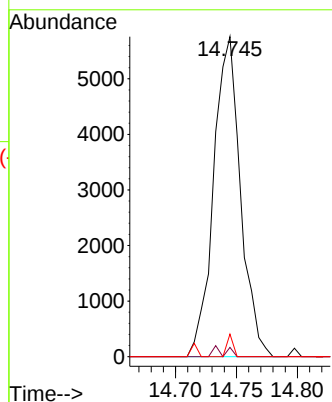
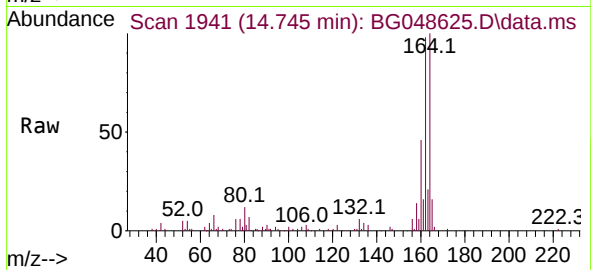




#51
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.428 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

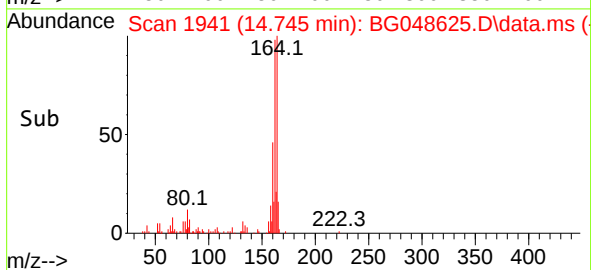
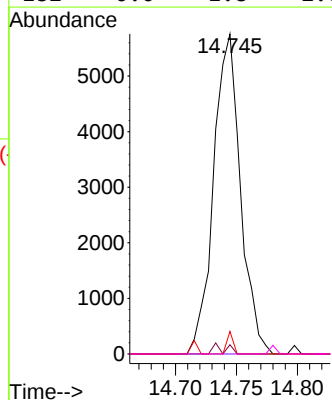
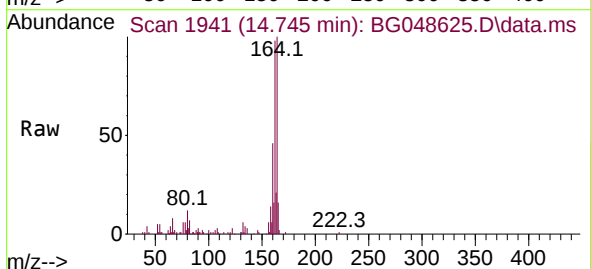
Instrument :
BNA_G
ClientSampled :
TP-3

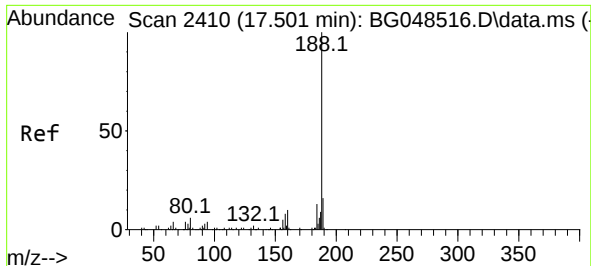
Tgt Ion:165 Resp: 8839
Ion Ratio Lower Upper
165 100
63 2.9 53.8 80.6#
89 7.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion:165 Resp: 8839
Ion Ratio Lower Upper
165 100
63 2.9 38.3 57.5#
89 7.0 56.5 84.7#
182 0.0 1.8 2.6#

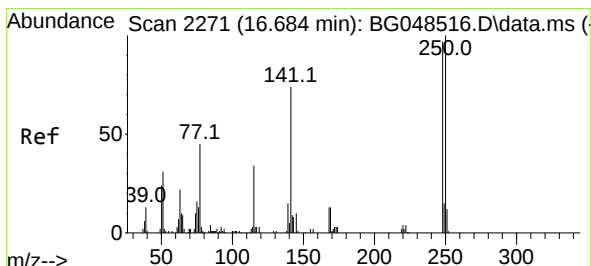
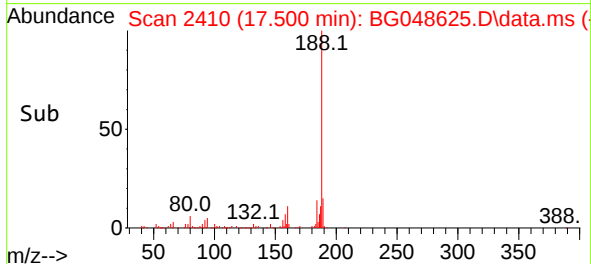
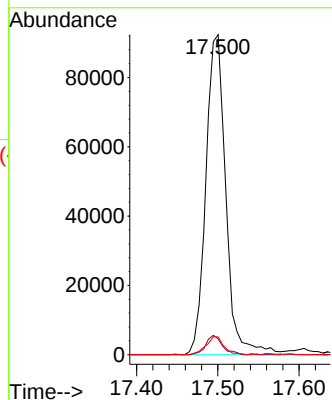
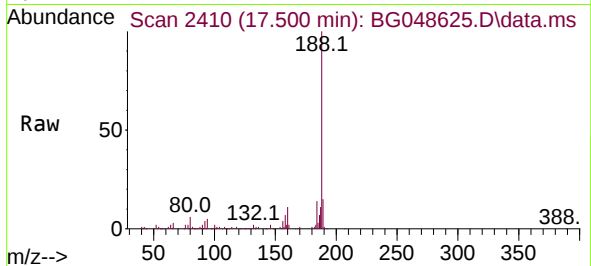




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

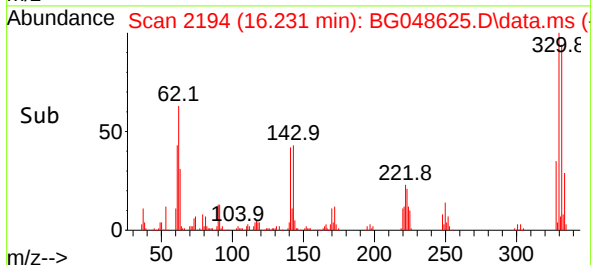
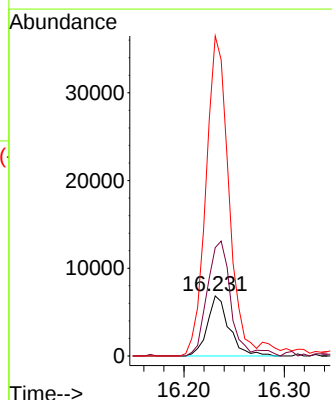
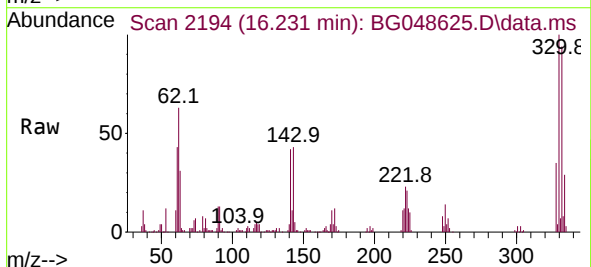
Instrument :
BNA_G
ClientSampleId :
TP-3

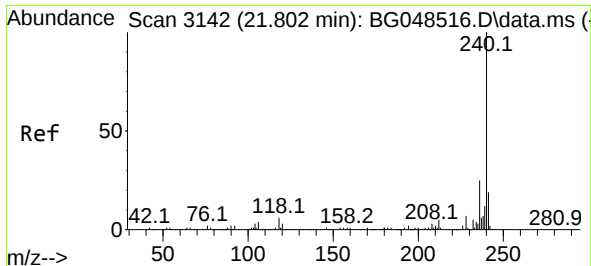
Tgt Ion:188 Resp: 157240
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.6#
80 5.6 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.91 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion:248 Resp: 10293
Ion Ratio Lower Upper
248 100
250 180.6 82.6 124.0#
141 533.6 61.0 91.6#

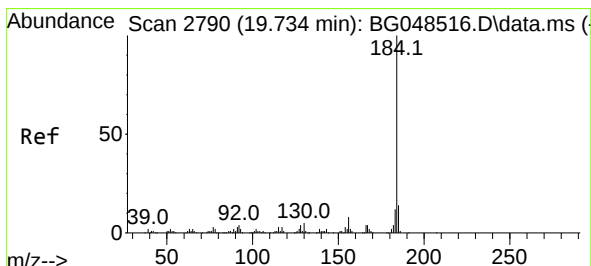
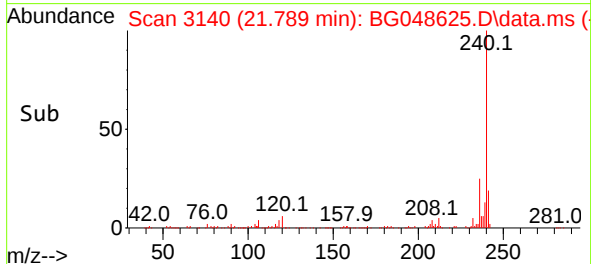
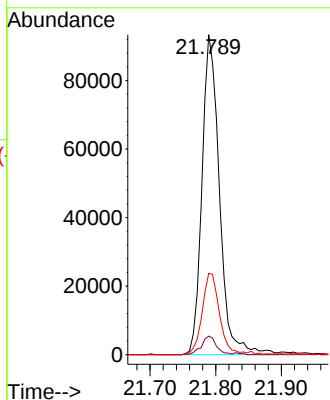
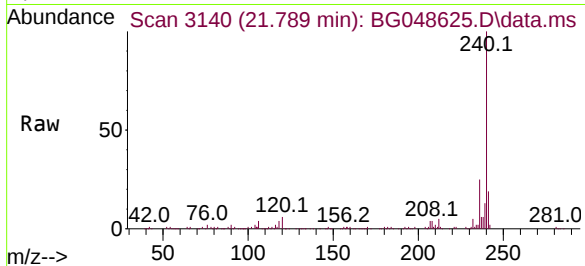




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

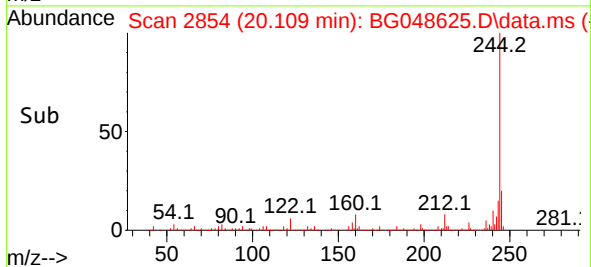
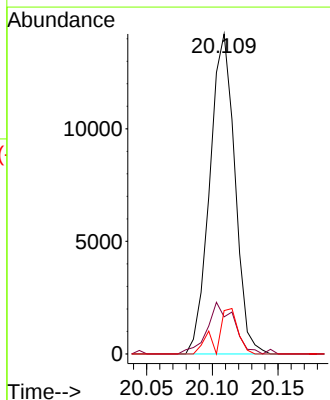
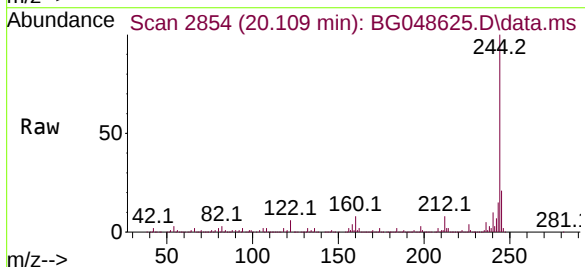
Instrument :
BNA_G
ClientSampled :
TP-3

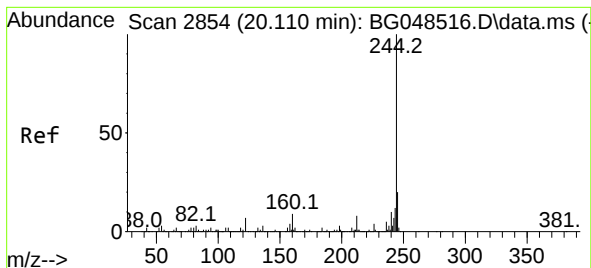
Tgt Ion:240 Resp: 173279
Ion Ratio Lower Upper
240 100
120 5.8 2.6 3.8#
236 25.4 19.8 29.6



#77
Benzidine
Concen: 3.22 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048625.D
Acq: 7 Apr 2021 20:22

Tgt Ion:184 Resp: 18870
Ion Ratio Lower Upper
184 100
185 11.6 11.0 16.4
183 13.5 9.2 13.8





#79

Terphenyl-d14

Concen: 107.50 ng

RT: 20.109 min Scan# 2854

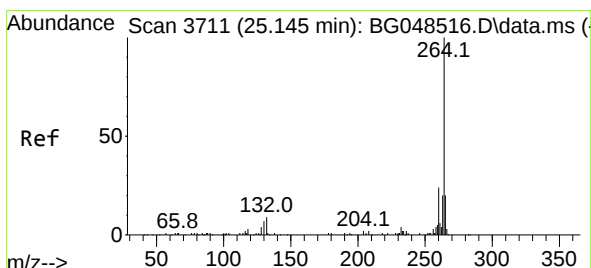
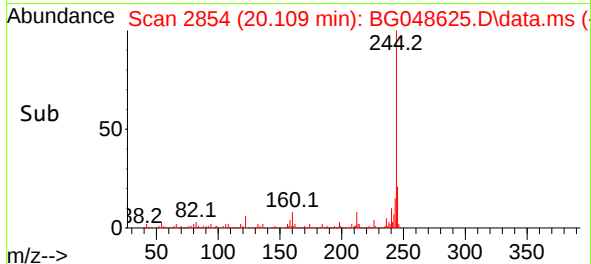
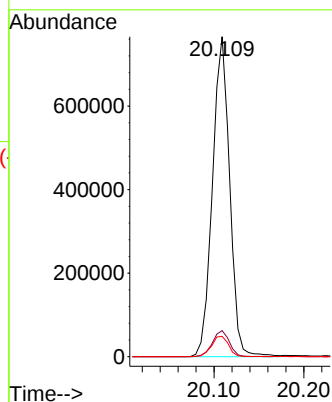
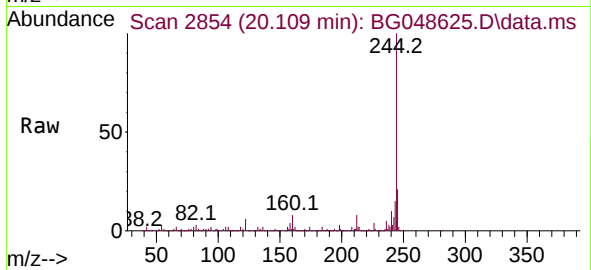
Delta R.T. -0.001 min

Lab File: BG048625.D

Acq: 7 Apr 2021 20:22

Tgt Ion:244 Resp: 1018628

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	6.4	5.8	8.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.133 min Scan# 3709

Delta R.T. -0.012 min

Lab File: BG048625.D

Acq: 7 Apr 2021 20:22

Tgt Ion:264 Resp: 163911

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.1	28.7
265	23.5	16.1	24.1

