

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050625.D
 Acq On : 18 Oct 2021 20:15
 Operator : CG/JU
 Sample : M4242-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-COMP-(1-4)

Quant Time: Oct 19 02:36:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

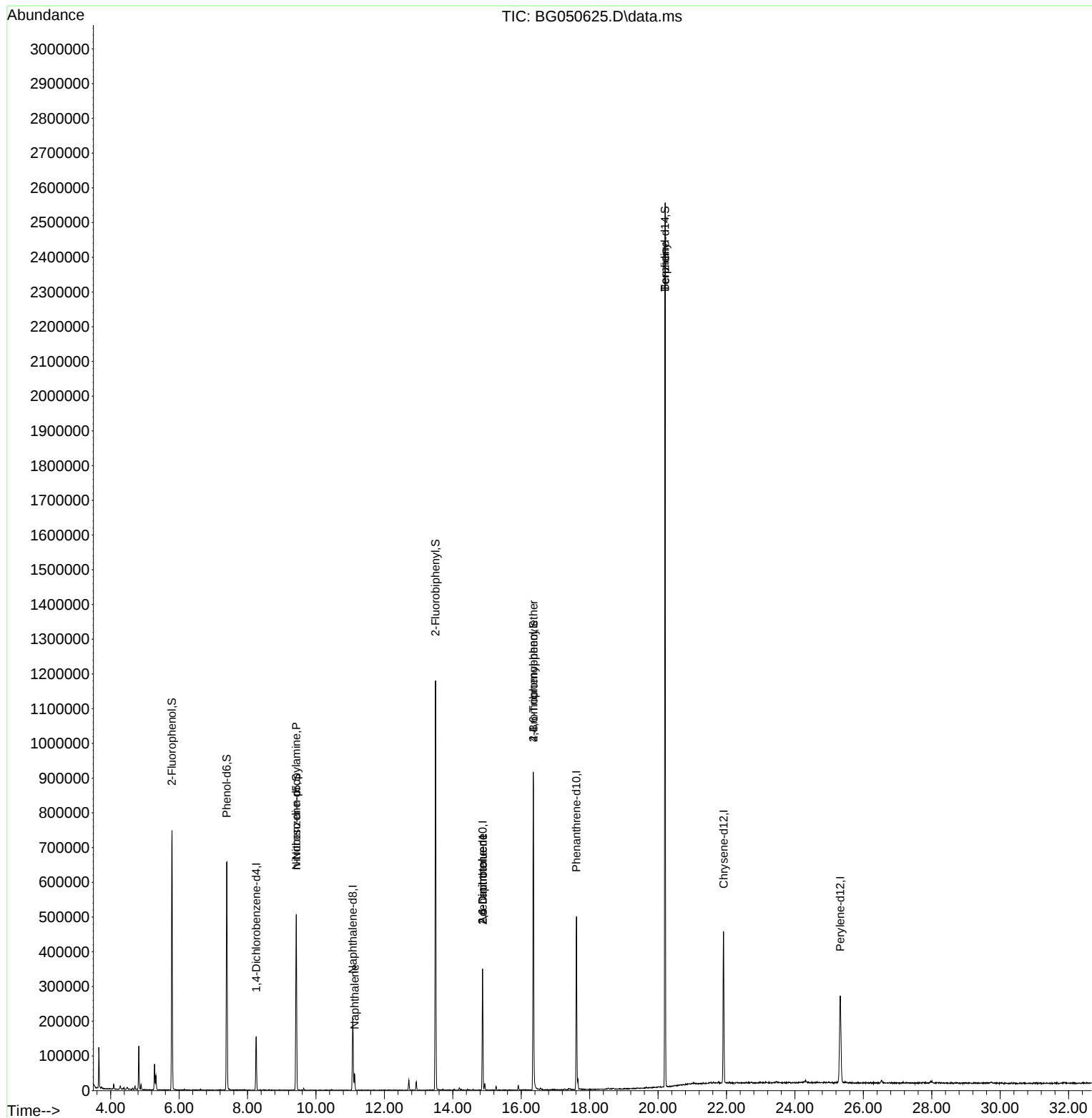
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	40416	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	177947	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	120777	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	298252	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	271496	20.000	ng	# 0.00
86) Perylene-d12	25.324	264	264025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	309737	114.614	ng	0.00
7) Phenol-d6	7.392	99	378620	96.768	ng	0.00
23) Nitrobenzene-d5	9.425	82	327628	76.216	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	139393	121.001	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	588944	73.390	ng	0.00
79) Terphenyl-d14	20.206	244	1098822	78.874	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.398	77	763	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.425	70	44754	15.693	ng	# 67
31) Naphthalene	11.128	128	40023	4.202	ng	99
51) 2,6-Dinitrotoluene	14.871	165	15664	8.566	ng	# 12
57) 2,4-Dinitrotoluene	14.871	165	15664	6.078	ng	# 17
67) 4-Bromophenyl-phenylether	16.358	248	11090	3.690	ng	# 1
77) Benizidine	20.206	184	22168	2.519	ng	# 92

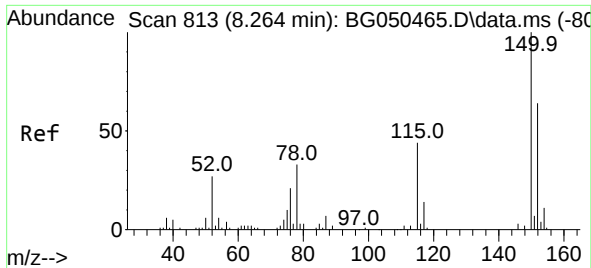
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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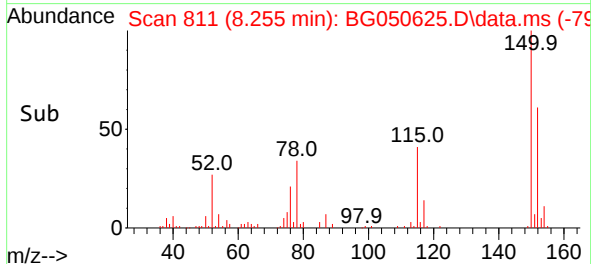
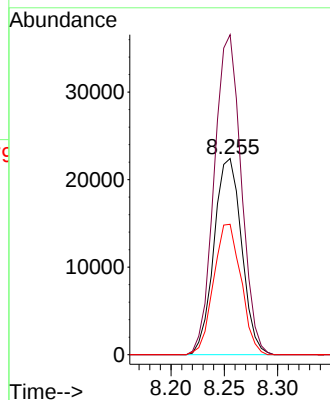
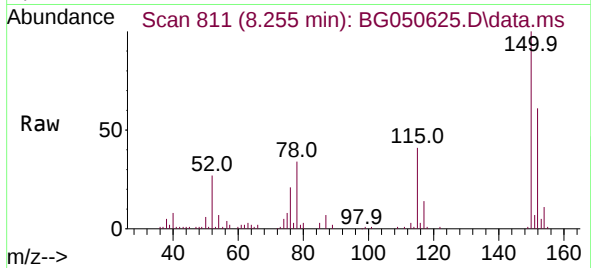




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

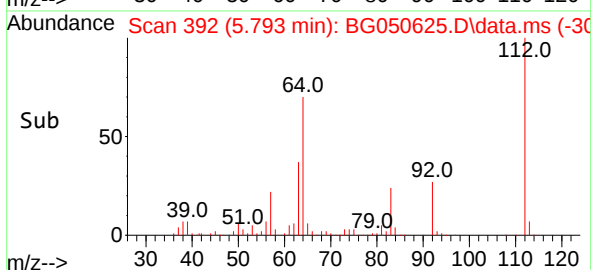
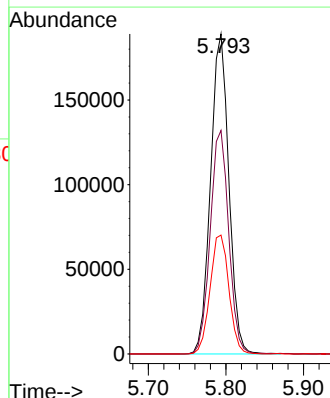
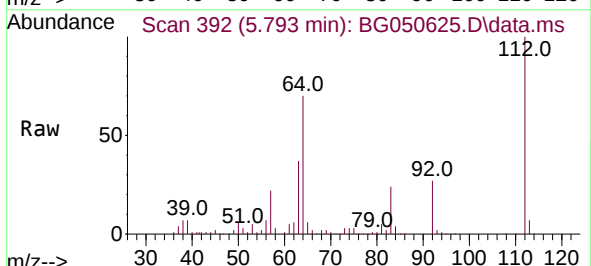
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

Tgt Ion:152 Resp: 40416
Ion Ratio Lower Upper
152 100
150 163.1 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 114.614 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:112 Resp: 309737
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 37.1 35.3 52.9

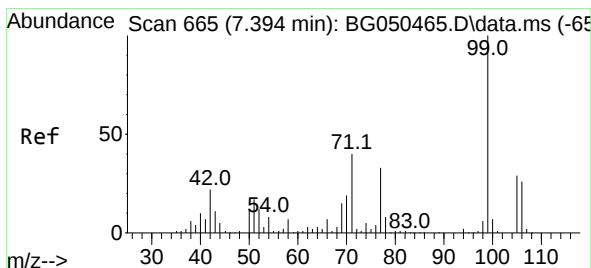
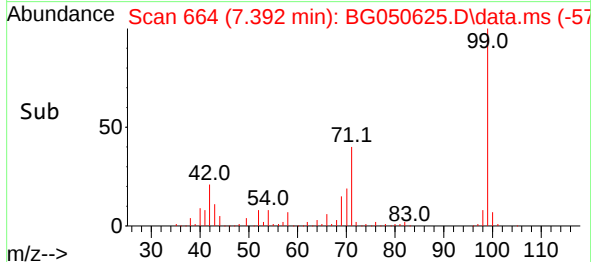
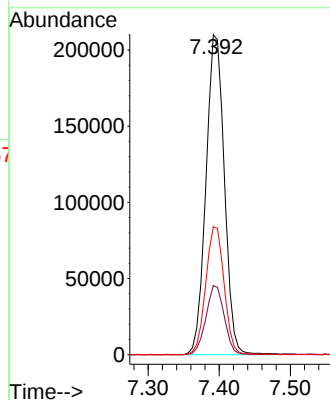
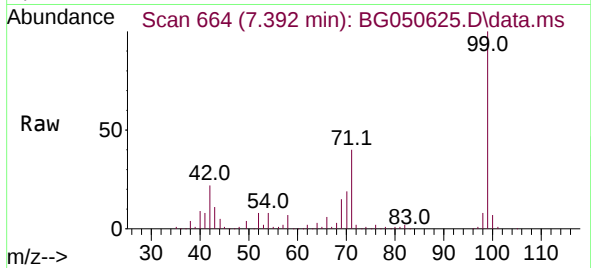




#7
Phenol-d6
Concen: 96.768 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

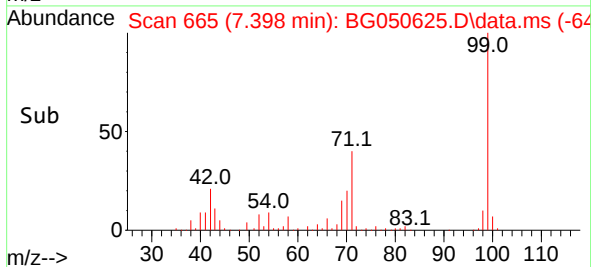
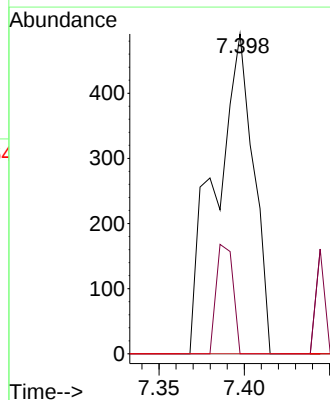
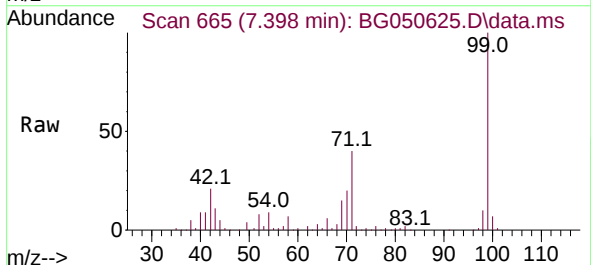
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

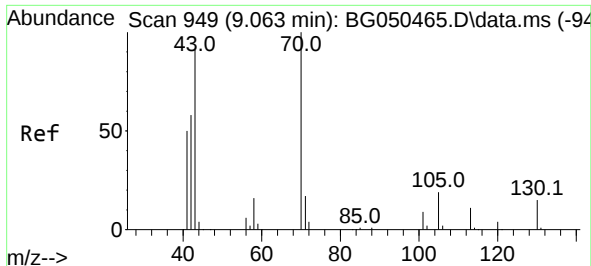
Tgt Ion: 99 Resp: 378620
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.398 min Scan# 665
Delta R.T. 0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 77 Resp: 763
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

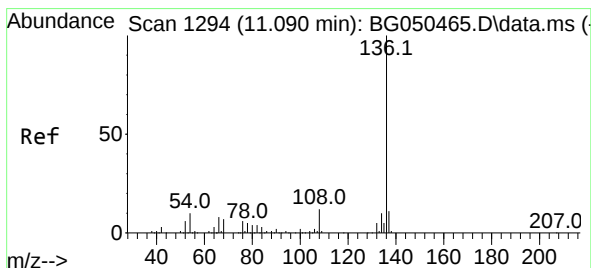
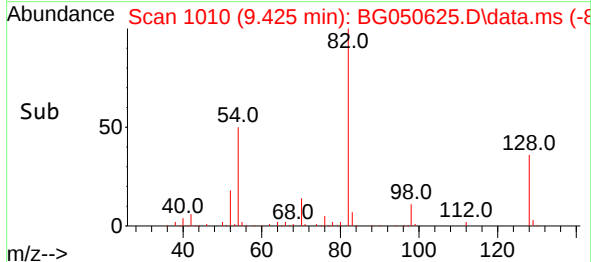
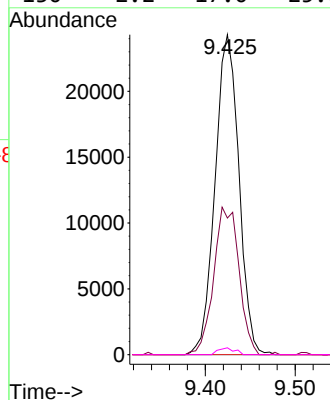
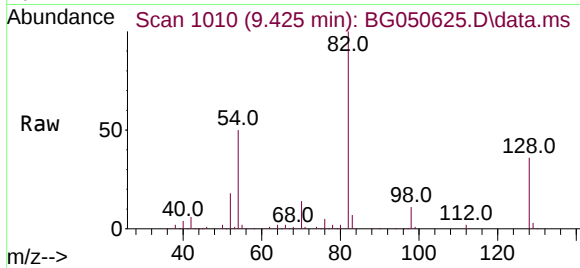




#19
n-Nitroso-di-n-propylamine
Concen: 15.693 ng
RT: 9.425 min Scan# 1010
Delta R.T. 0.367 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

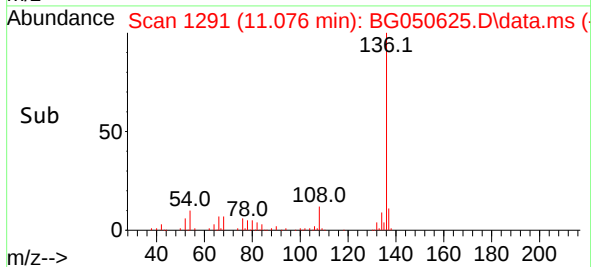
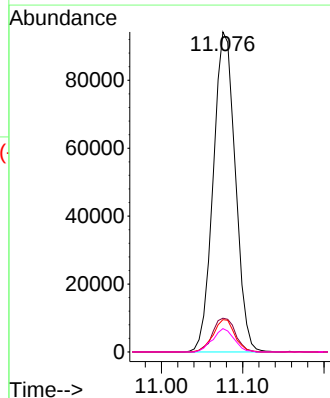
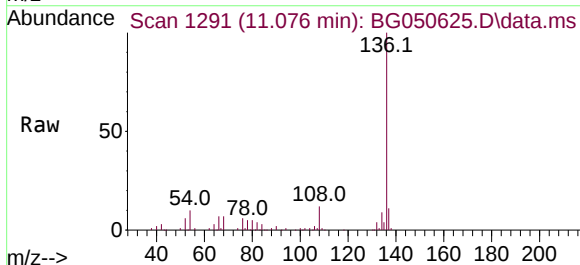
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

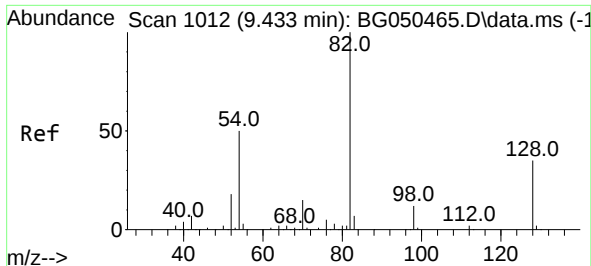
Tgt Ion:	70	Resp:	44754
Ion	Ratio	Lower	Upper
70	100		
42	42.7	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:	136	Resp:	177947
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	10.1	5.5	8.3#
68	7.3	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 76.216 ng

RT: 9.425 min Scan# 1010

Delta R.T. -0.003 min

Lab File: BG050625.D

Acq: 18 Oct 2021 20:15

Tgt Ion: 82 Resp: 327628

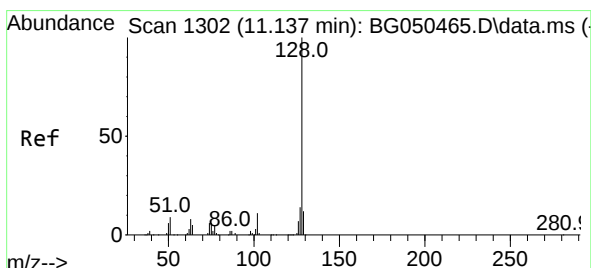
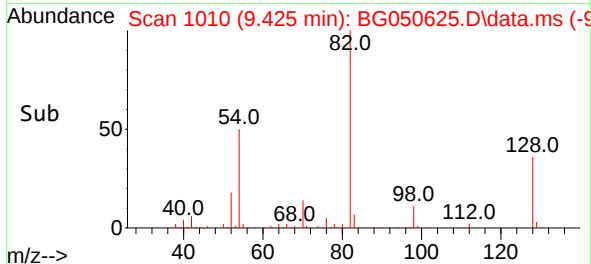
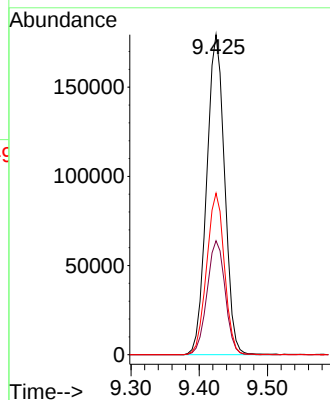
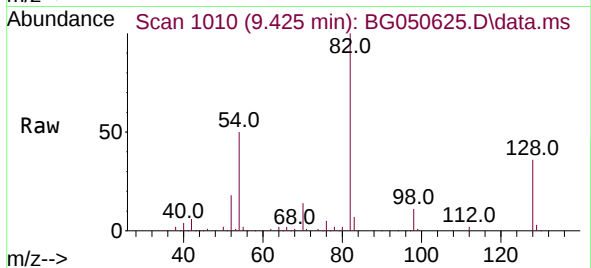
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.8	44.6
54	50.4	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

T1-COMP-(1-4)



#31

Naphthalene

Concen: 4.202 ng

RT: 11.128 min Scan# 1300

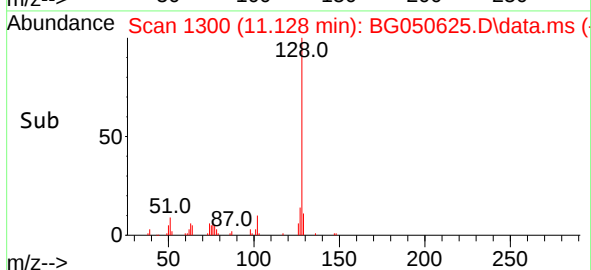
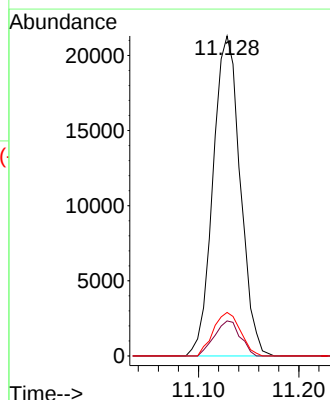
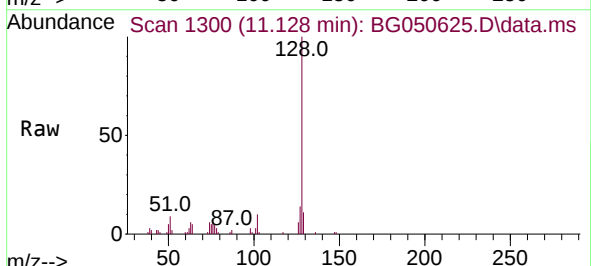
Delta R.T. -0.009 min

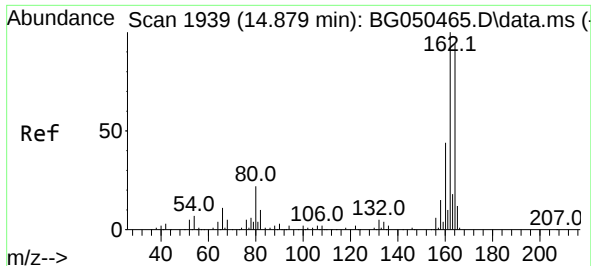
Lab File: BG050625.D

Acq: 18 Oct 2021 20:15

Tgt Ion: 128 Resp: 40023

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.6	10.2	15.4

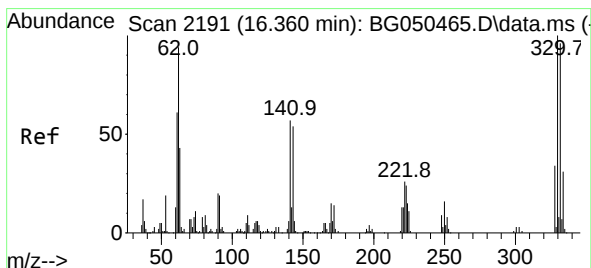
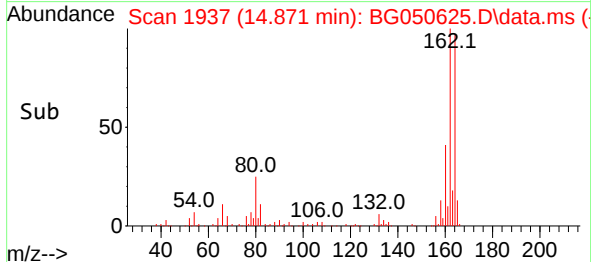
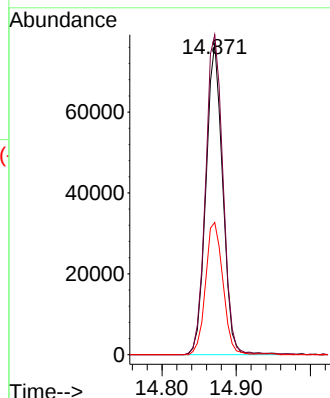
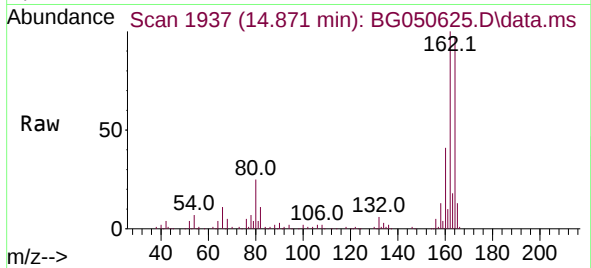




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

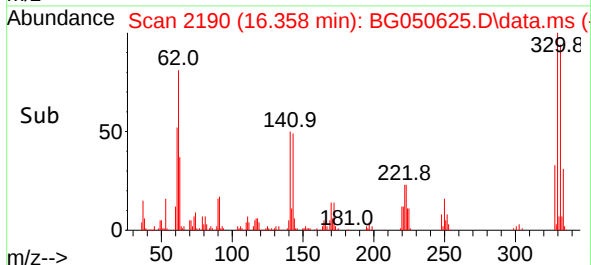
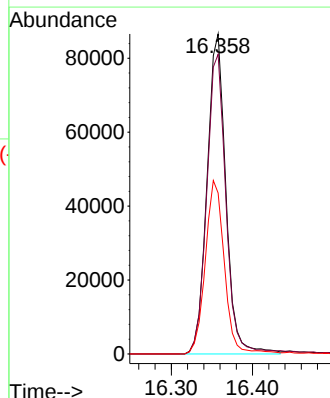
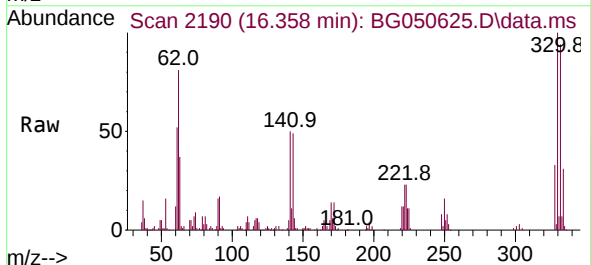
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

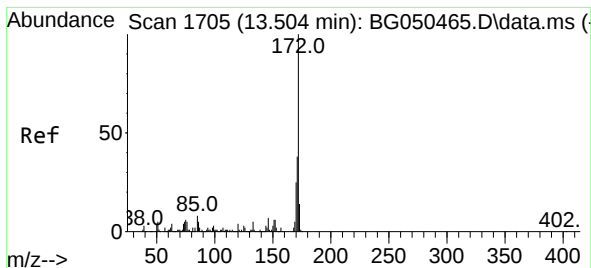
Tgt Ion:164 Resp: 120777
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 42.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 121.001 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:330 Resp: 139393
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 55.0 35.6 53.4#

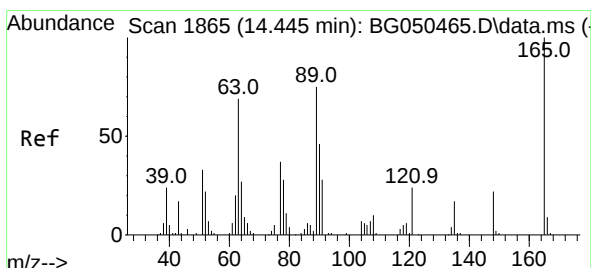
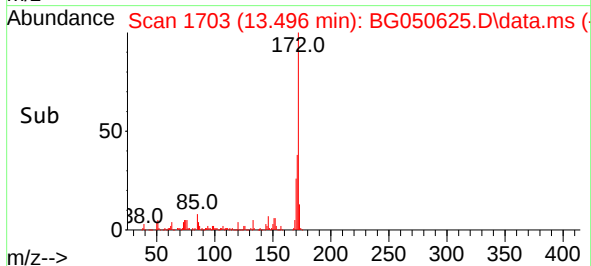
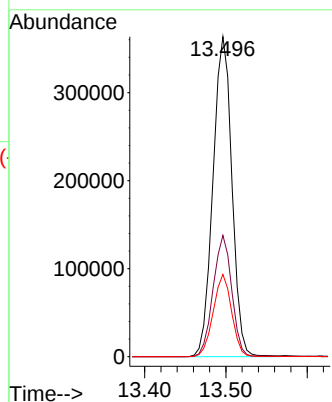
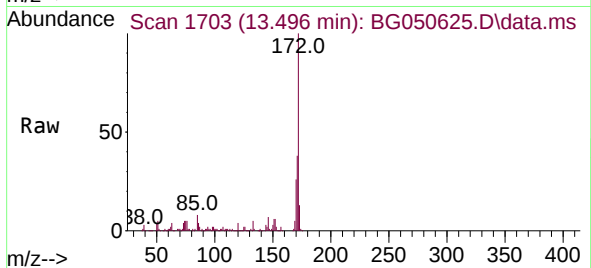




#45
2-Fluorobiphenyl
Concen: 73.390 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

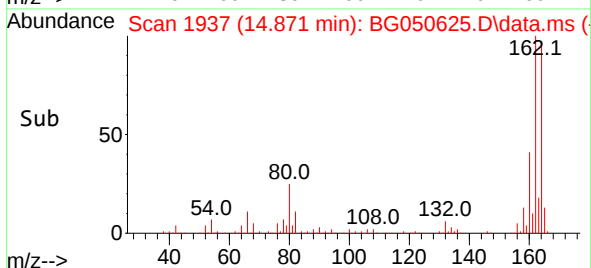
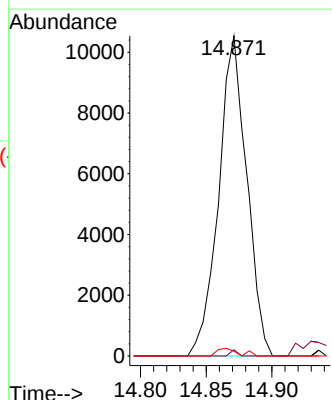
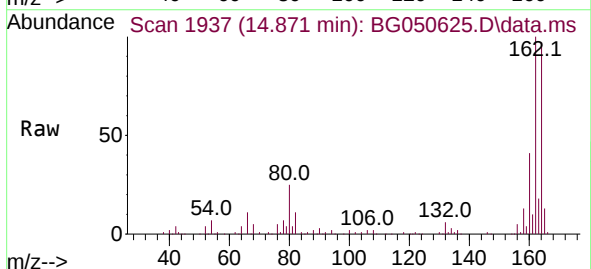
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

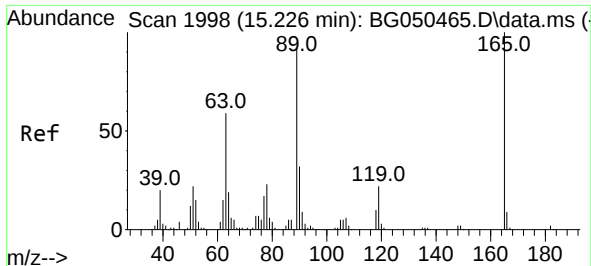
Tgt Ion:172 Resp: 588944
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

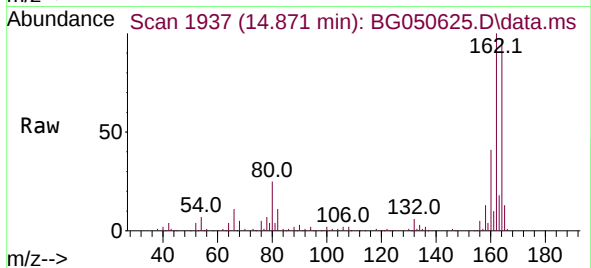
Tgt Ion:165 Resp: 15664
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 1.5 63.4 95.0#



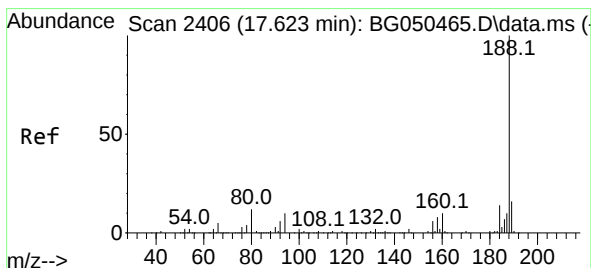
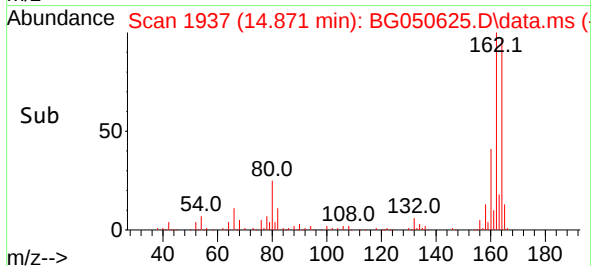
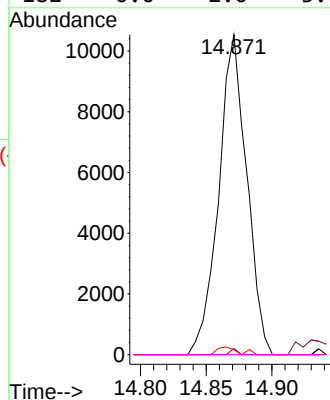


#57
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

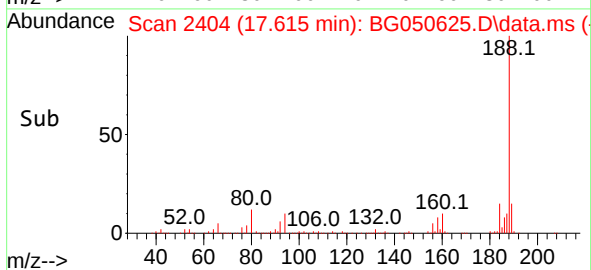
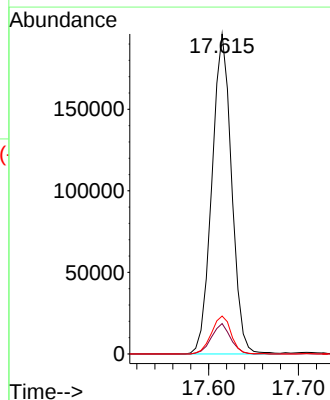
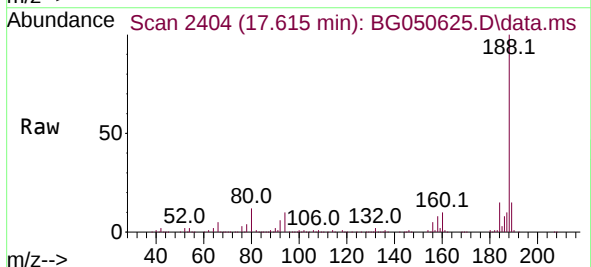


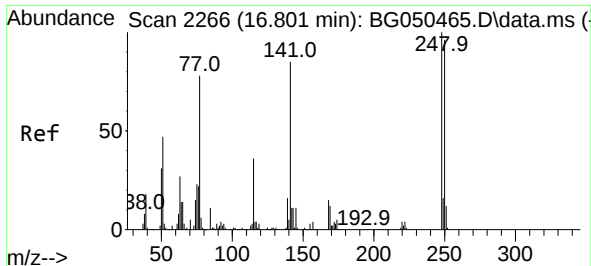
Tgt Ion:165 Resp: 15664
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 1.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:188 Resp: 298252
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.8 3.7 5.5#

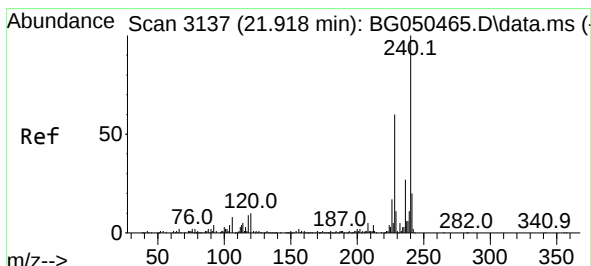
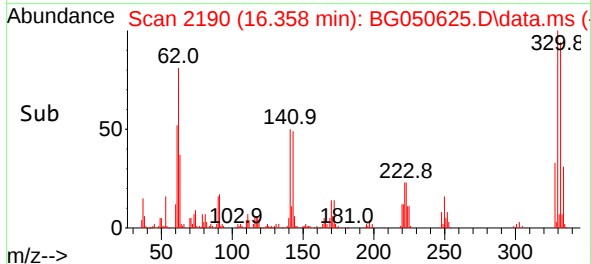
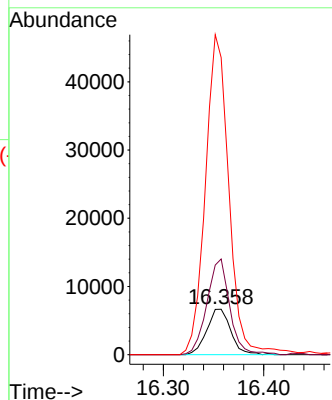
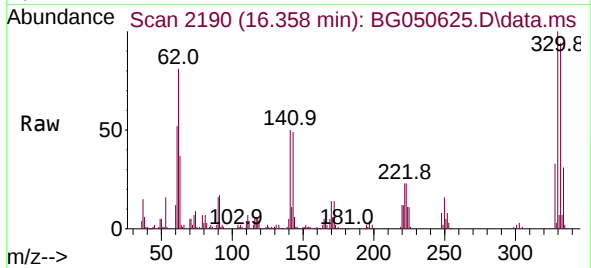




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

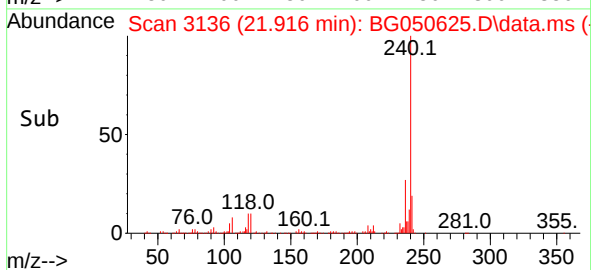
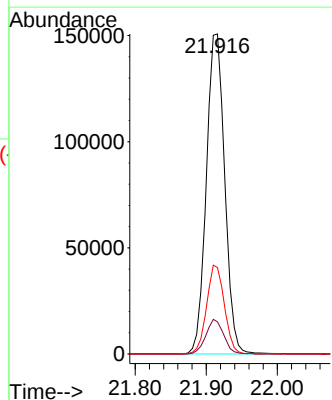
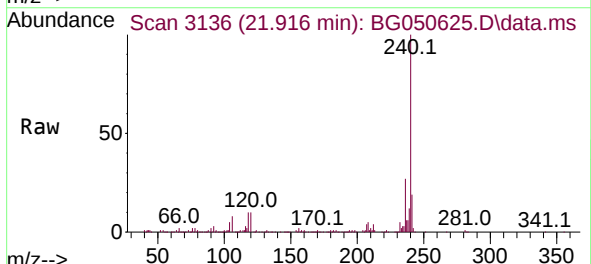
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

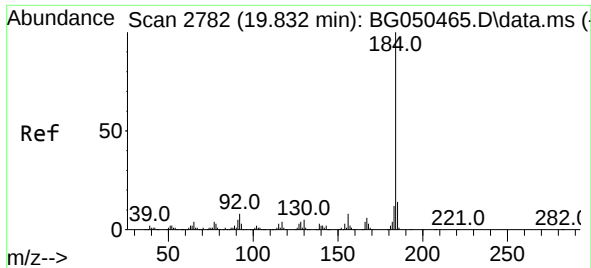
Tgt Ion:248 Resp: 11090
Ion Ratio Lower Upper
248 100
250 210.5 76.1 114.1#
141 653.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:240 Resp: 271496
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.2#
236 27.0 21.8 32.6

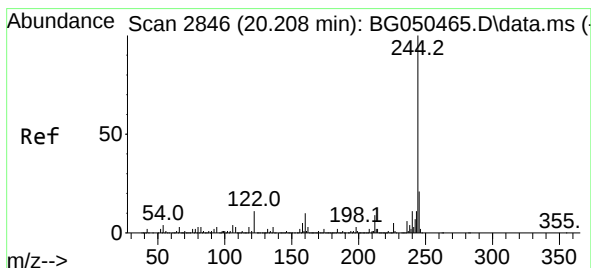
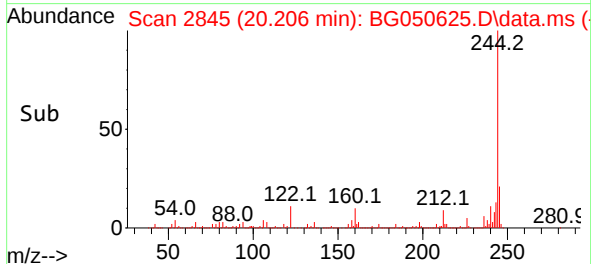
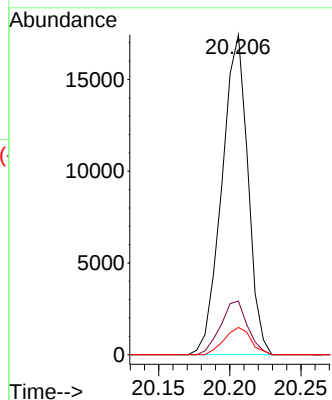
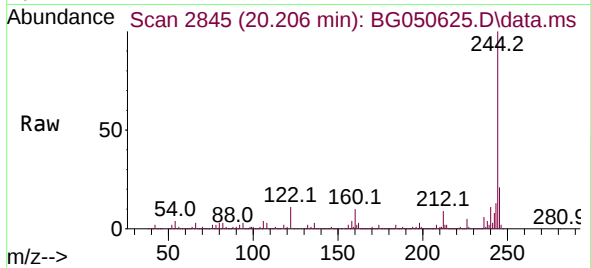




#77
Benzidine
Concen: 2.519 ng
RT: 20.206 min Scan# 2845
Delta R.T. 0.373 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

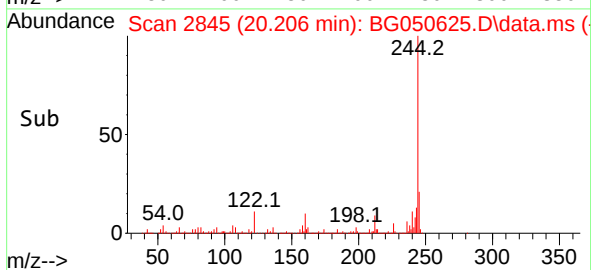
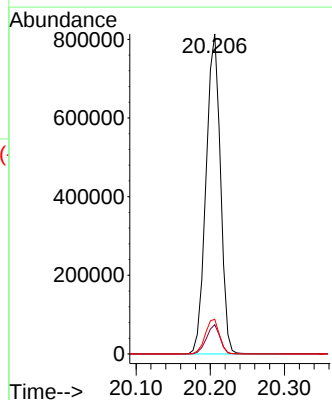
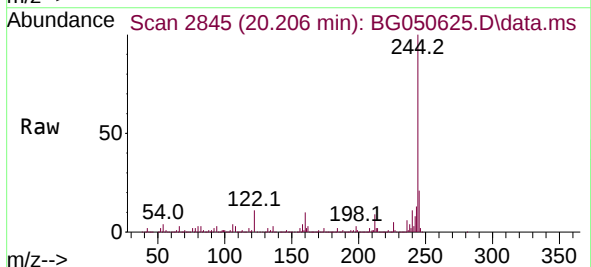
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

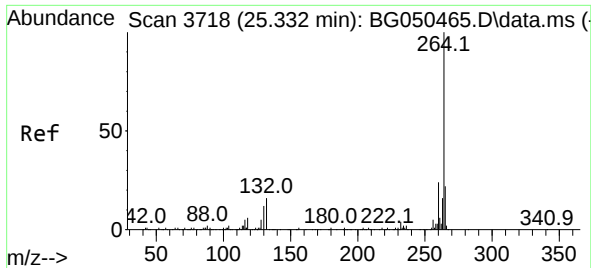
Tgt Ion:184 Resp: 22168
Ion Ratio Lower Upper
184 100
185 16.7 10.7 16.1#
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.874 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:244 Resp: 1098822
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 10.9 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.324 min Scan# 3716
 Delta R.T. -0.009 min
 Lab File: BG050625.D
 Acq: 18 Oct 2021 20:15

Instrument :
 BNA_G
 ClientSampleId :
 T1-COMP-(1-4)

Tgt Ion:	264	Resp:	264025
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	22.5	16.9	25.3

