

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050557.D
 Acq On : 12 Oct 2021 17:48
 Operator : CG/JU
 Sample : M4159-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T9-COMP-(1-4)

Quant Time: Oct 13 04:43:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

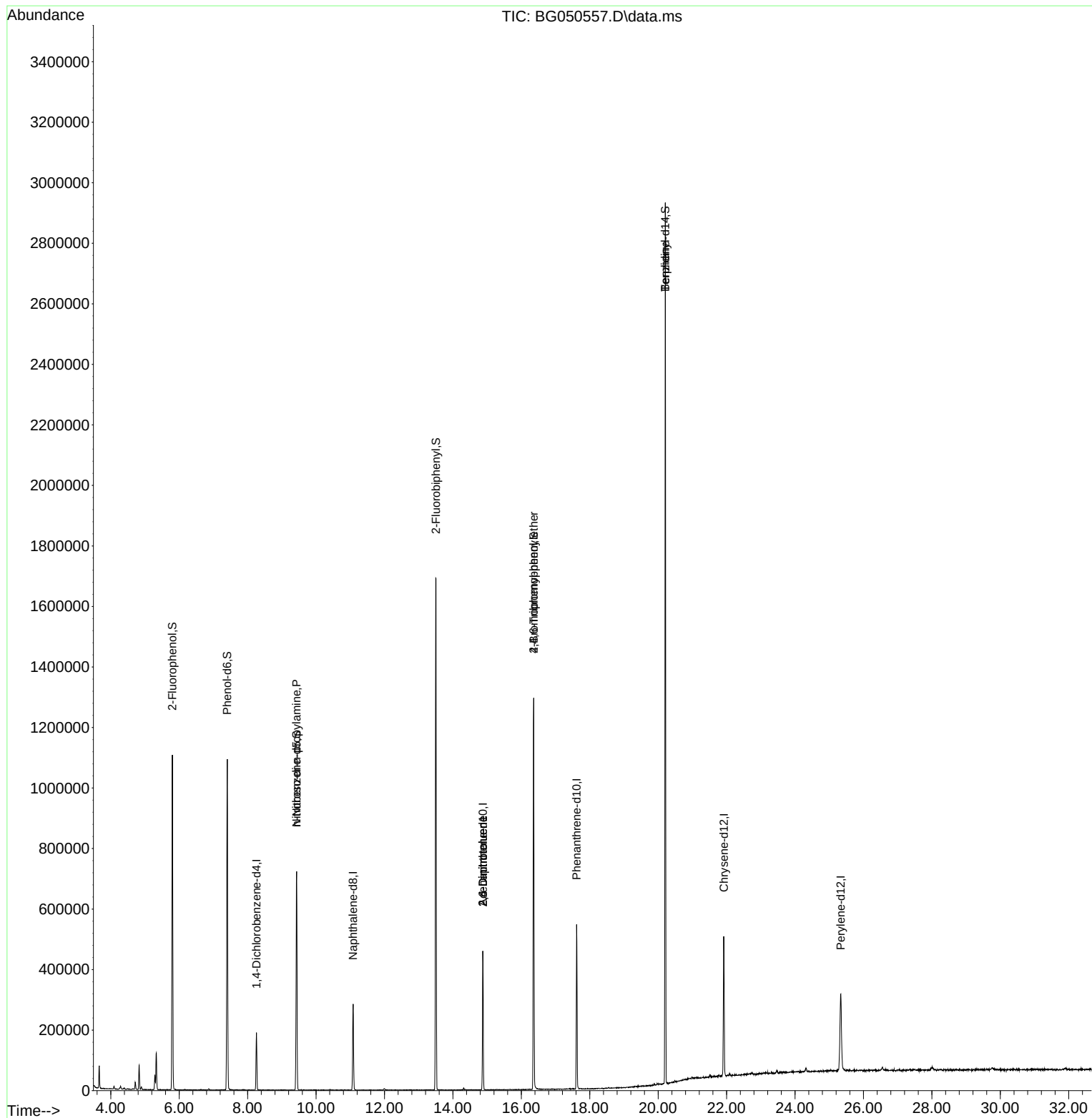
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	50391	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	230616	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	155616	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	326472	20.000	ng	# 0.00
76) Chrysene-d12	21.918	240	284153	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	275675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	456056	135.351	ng	0.01
7) Phenol-d6	7.406	99	603318	123.673	ng	0.01
23) Nitrobenzene-d5	9.433	82	477531	85.717	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	186908	125.923	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	849069	82.117	ng	0.00
79) Terphenyl-d14	20.209	244	1228859	84.280	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.400	77	1622	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.433	70	67332	18.937	ng	# 70
51) 2,6-Dinitrotoluene	14.874	165	20146	8.551	ng	# 11
57) 2,4-Dinitrotoluene	14.874	165	20146	6.067	ng	# 17
67) 4-Bromophenyl-phenylether	16.360	248	15798	4.802	ng	# 1
77) Benzidine	20.209	184	25030	2.718	ng	# 90

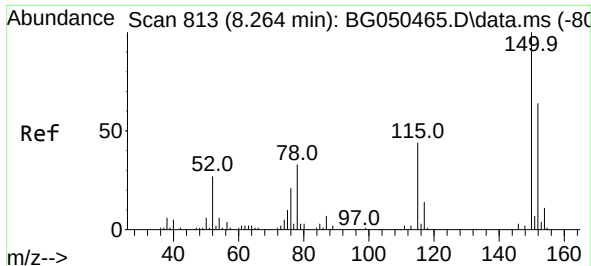
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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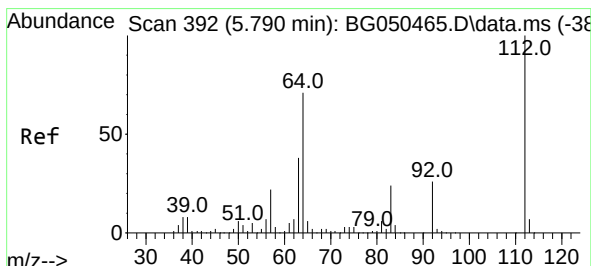
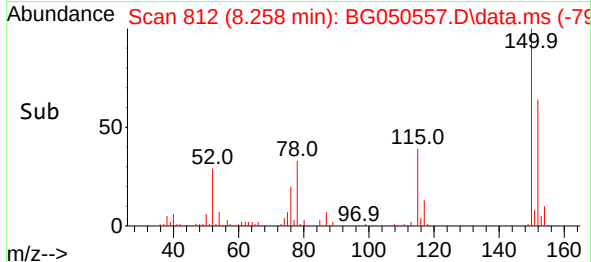
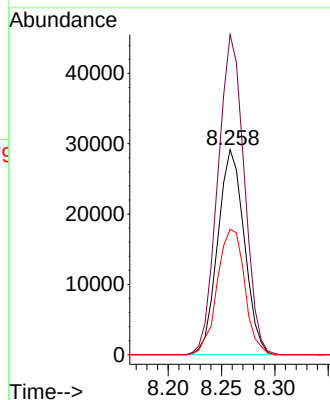
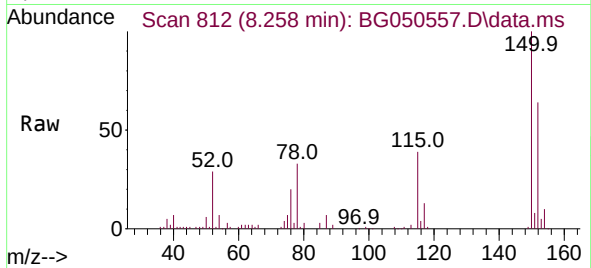




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

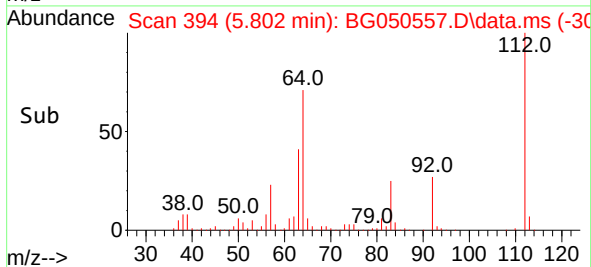
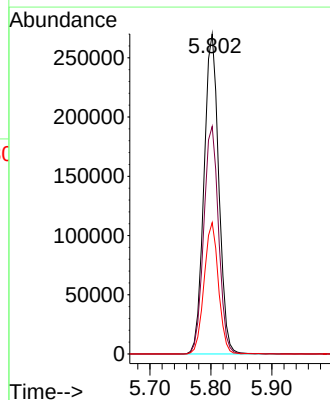
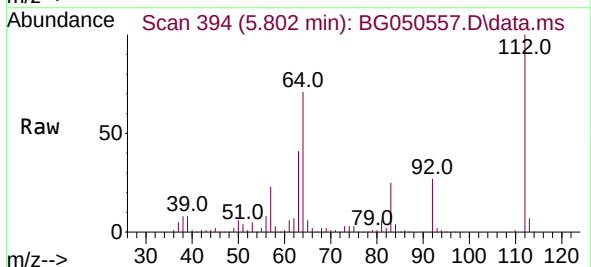
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

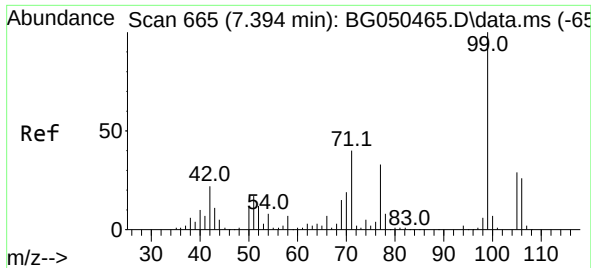
Tgt Ion:152 Resp: 50391
Ion Ratio Lower Upper
152 100
150 156.1 119.4 179.0
115 61.2 60.2 90.4



#5
2-Fluorophenol
Concen: 135.351 ng
RT: 5.802 min Scan# 394
Delta R.T. 0.012 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:112 Resp: 456056
Ion Ratio Lower Upper
112 100
64 71.1 46.7 70.1#
63 41.1 35.3 52.9

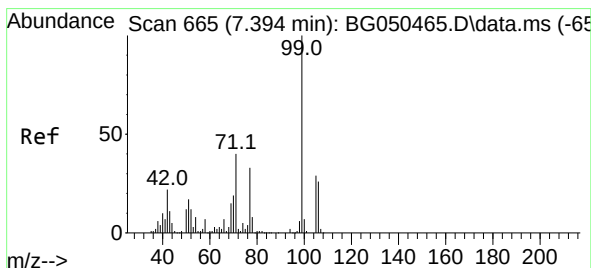
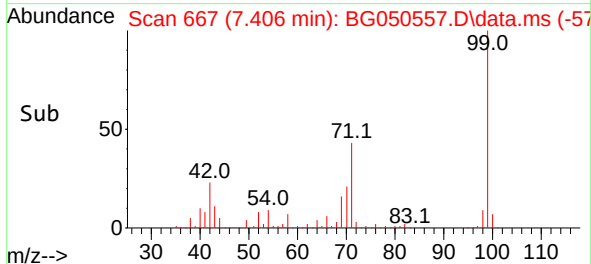
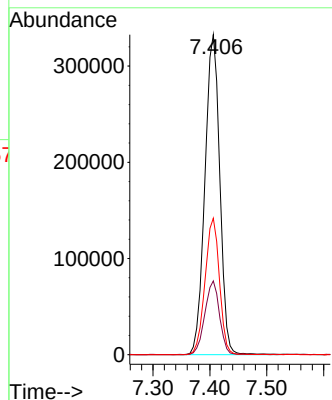
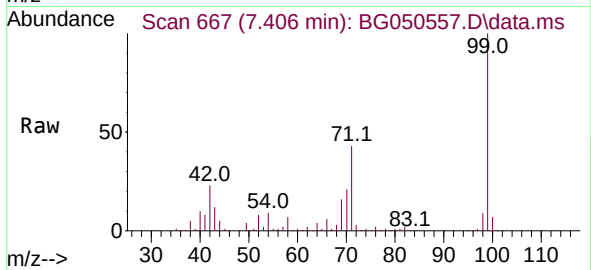




#7
Phenol-d6
Concen: 123.673 ng
RT: 7.406 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

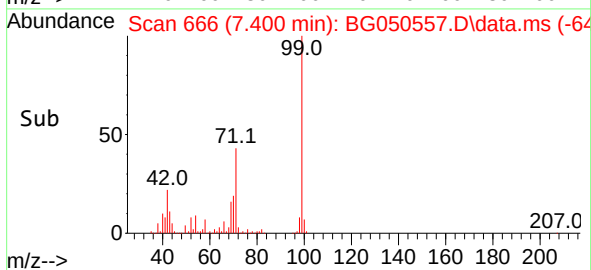
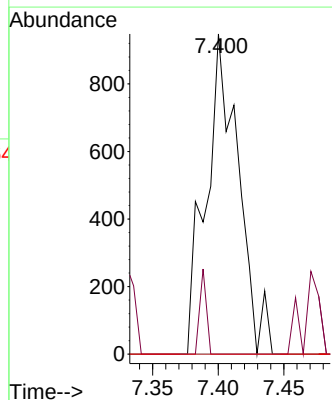
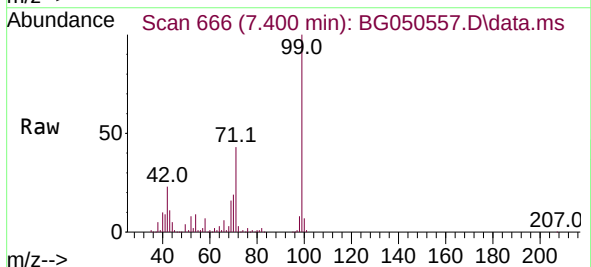
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

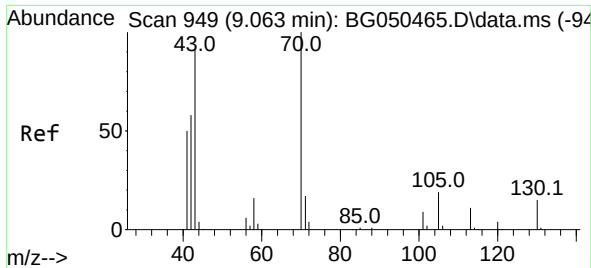
Tgt Ion: 99 Resp: 603318
Ion Ratio Lower Upper
99 100
42 23.1 20.5 30.7
71 42.7 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion: 77 Resp: 1622
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

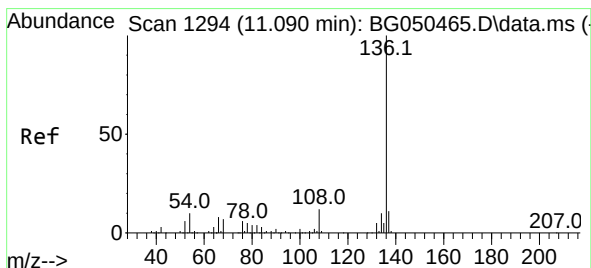
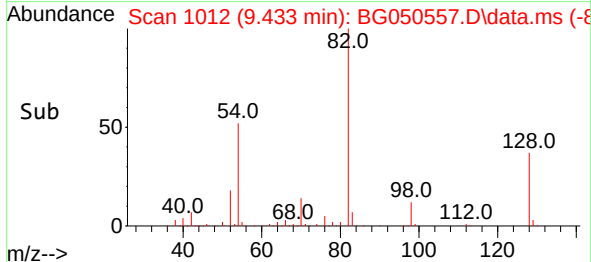
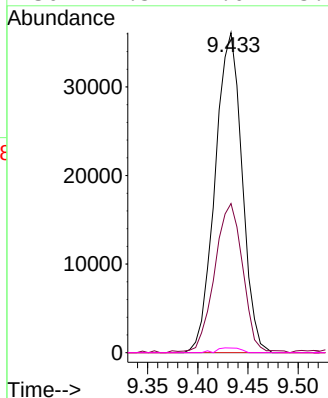
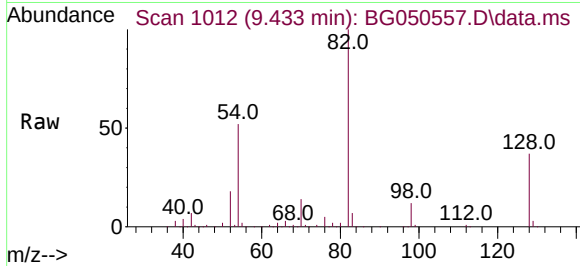




#19
n-Nitroso-di-n-propylamine
Concen: 18.937 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.370 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

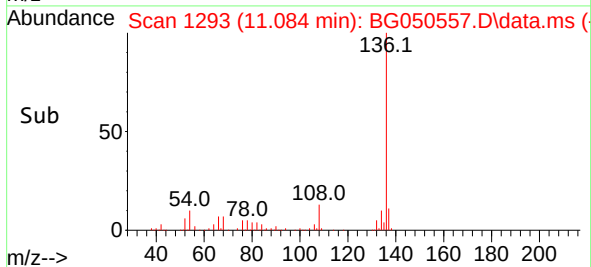
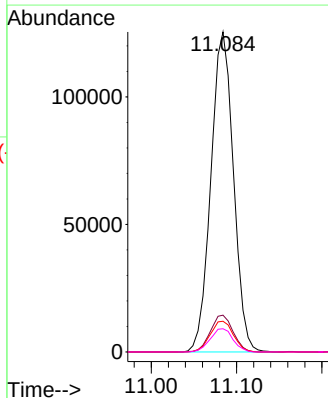
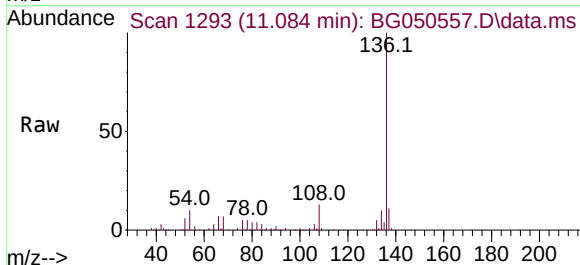
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

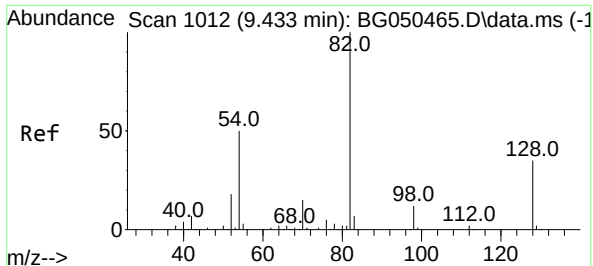
Tgt Ion:	70	Resp:	67332
Ion	Ratio	Lower	Upper
70	100		
42	46.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:	136	Resp:	230616
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	9.6	5.5	8.3#
68	7.2	2.3	3.5#

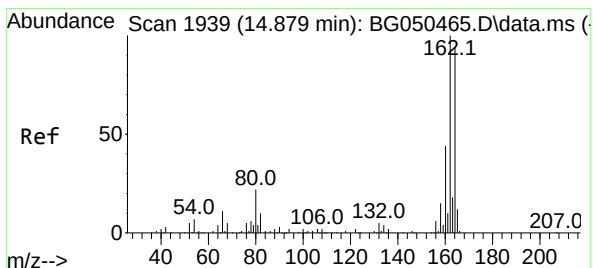
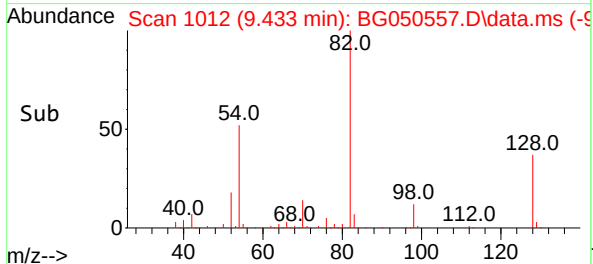
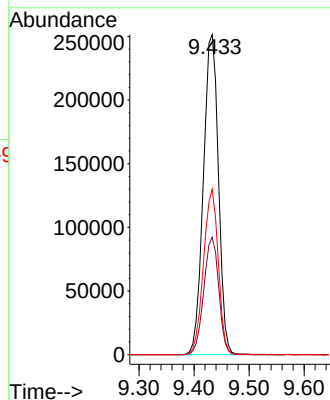
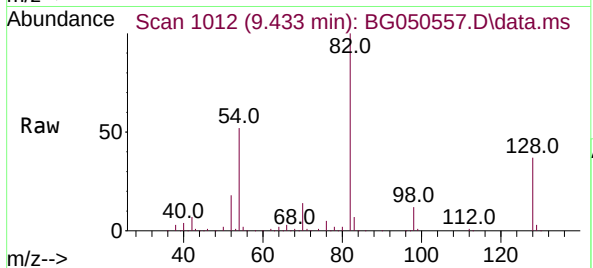




#23
Nitrobenzene-d5
Concen: 85.717 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

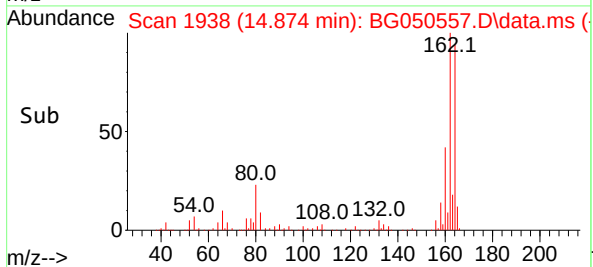
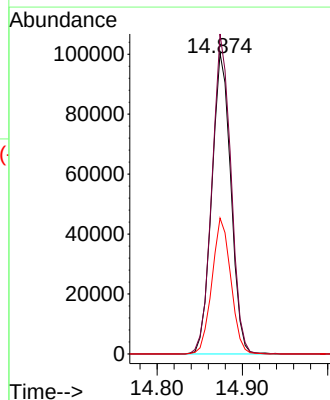
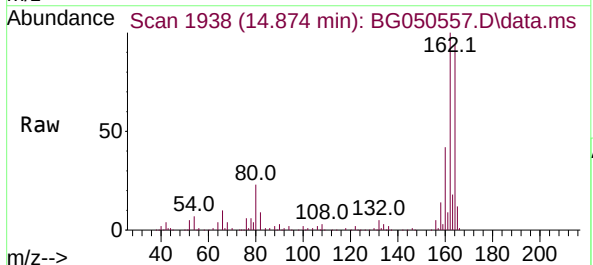
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

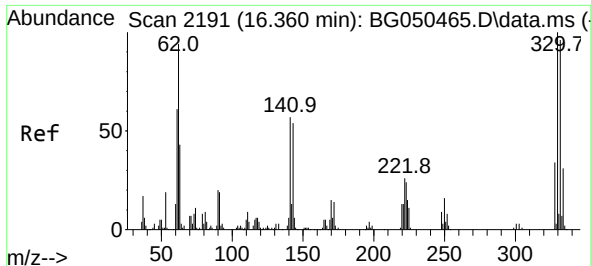
Tgt Ion: 82 Resp: 477531
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 51.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:164 Resp: 155616
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 45.2 34.9 52.3

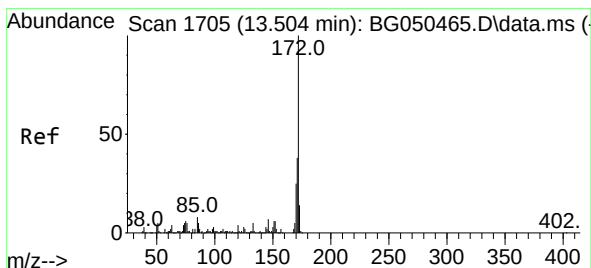
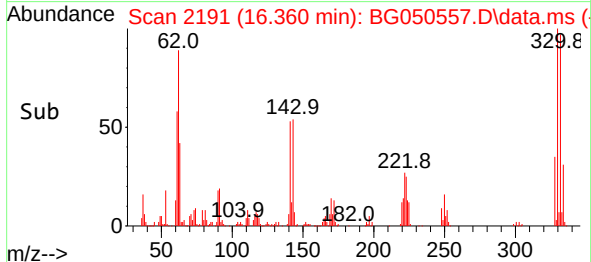
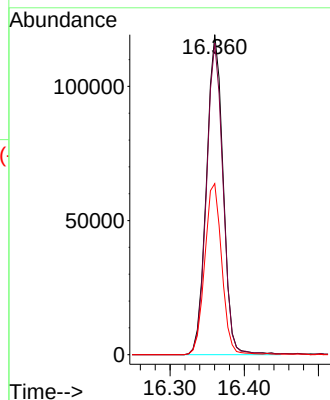
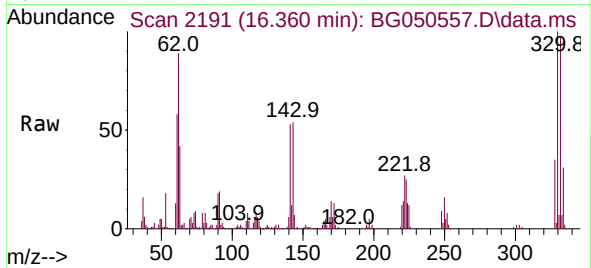




#42
2,4,6-Tribromophenol
Concen: 125.923 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

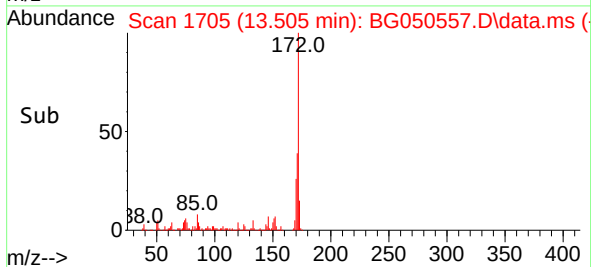
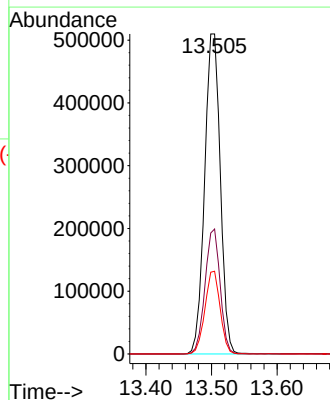
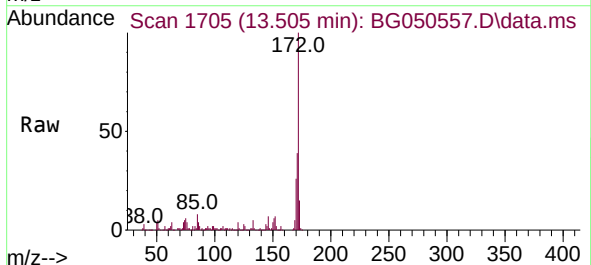
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ClientSampleId :
T9-COMP-(1-4)

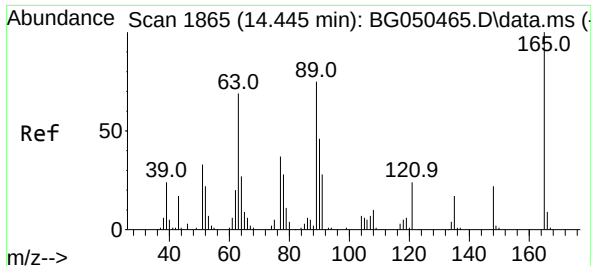
Tgt Ion:330 Resp: 186908
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 54.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 82.117 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:172 Resp: 849069
Ion Ratio Lower Upper
172 100
171 39.1 28.6 43.0
170 25.8 18.6 27.8

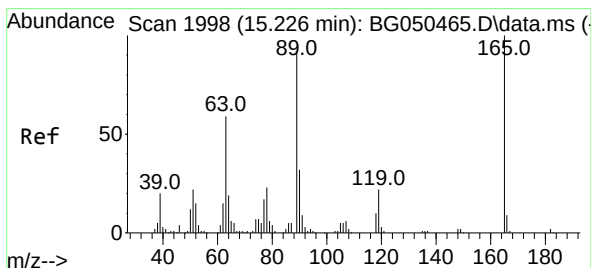
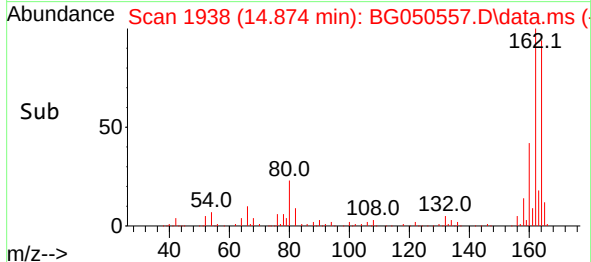
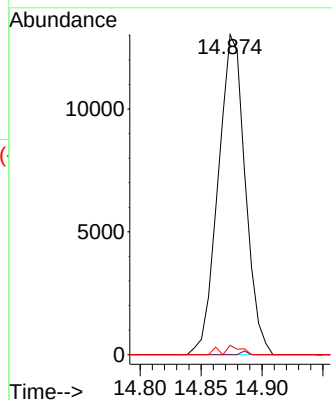
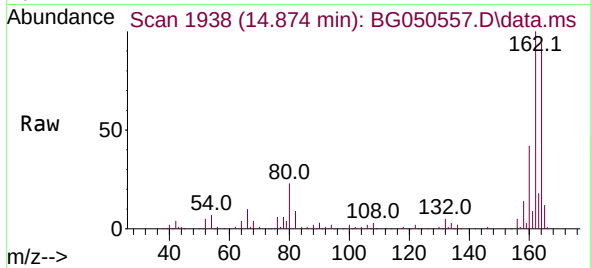




#51
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

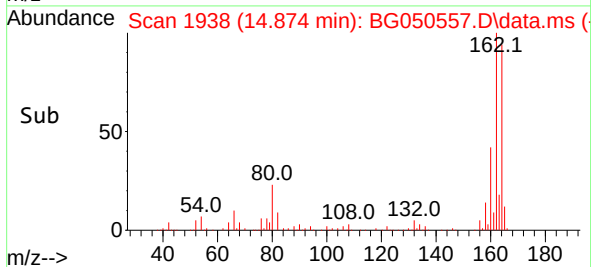
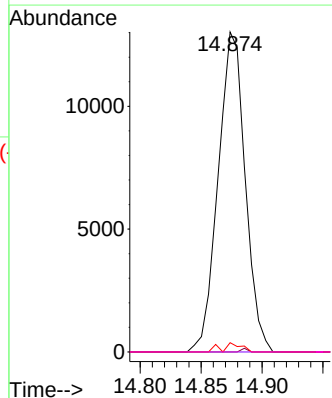
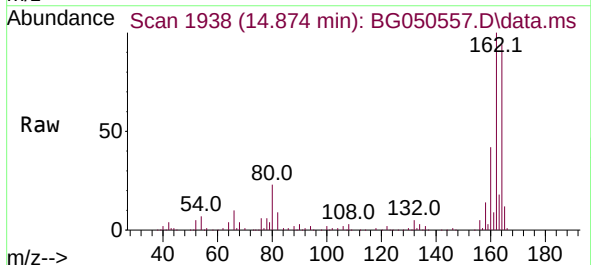
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

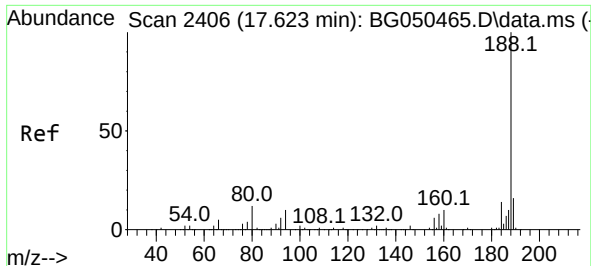
Tgt Ion:165 Resp: 20146
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:165 Resp: 20146
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.9 65.4 98.0#
182 0.0 2.0 3.0#

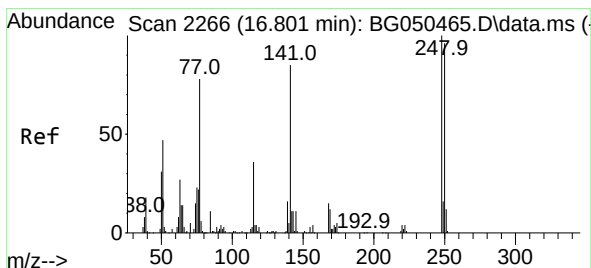
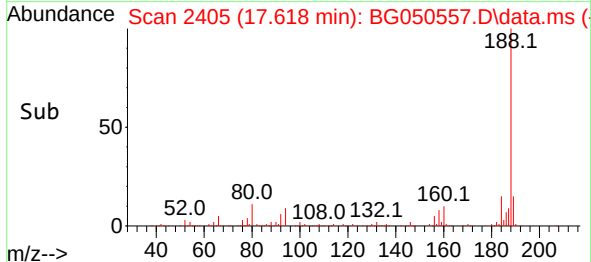
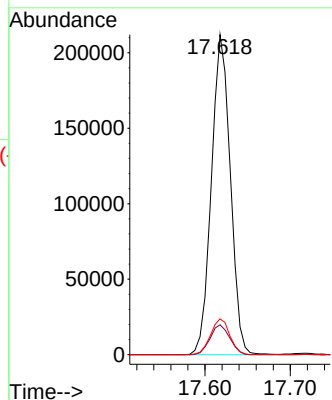
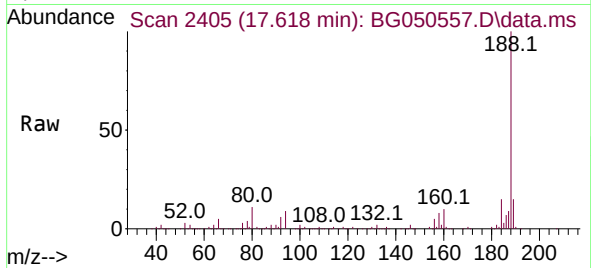




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

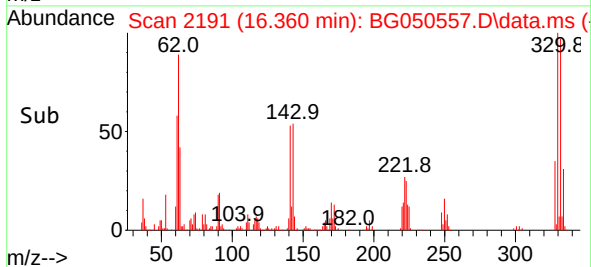
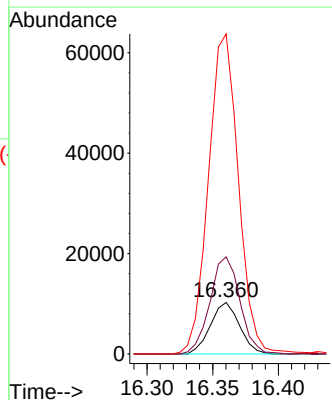
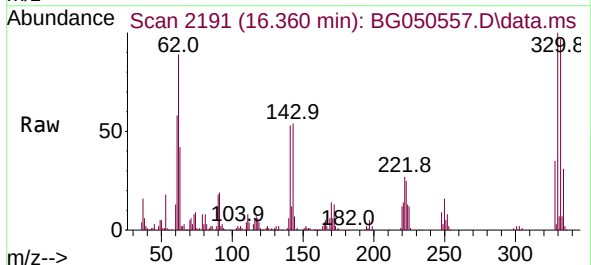
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

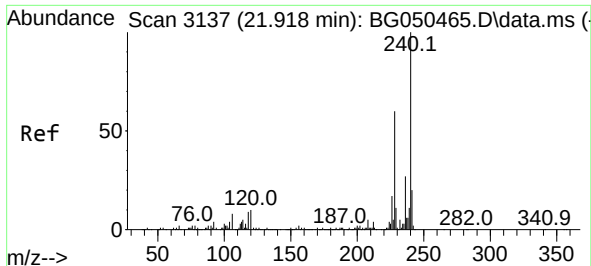
Tgt Ion:188 Resp: 326472
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.802 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:248 Resp: 15798
Ion Ratio Lower Upper
248 100
250 188.3 76.1 114.1#
141 620.4 65.4 98.2#

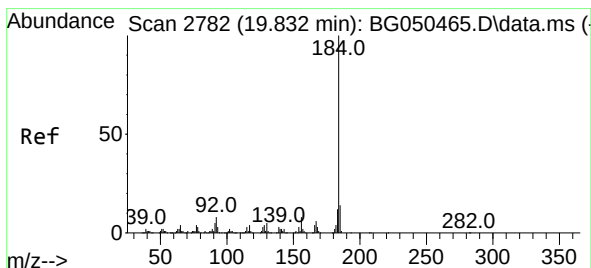
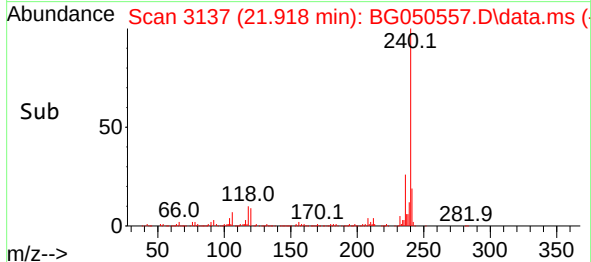
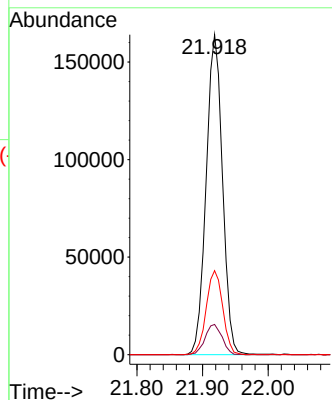
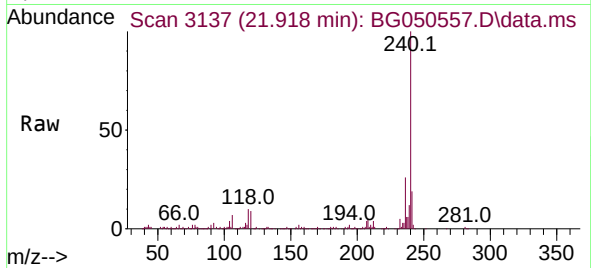




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

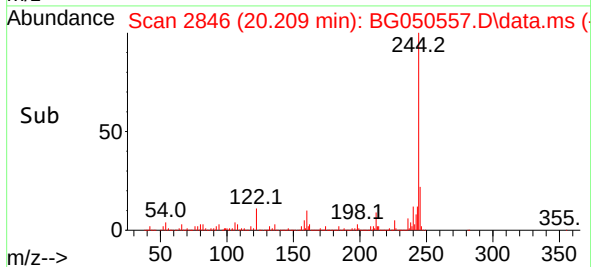
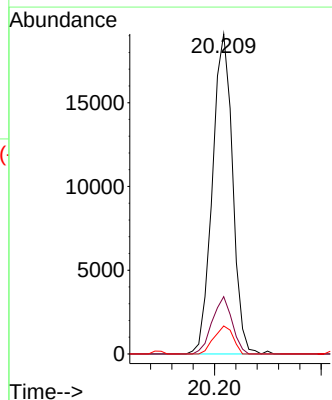
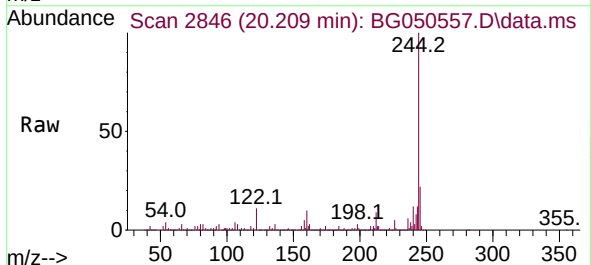
Instrument :
BNA_G
ClientSampleId :
T9-COMP-(1-4)

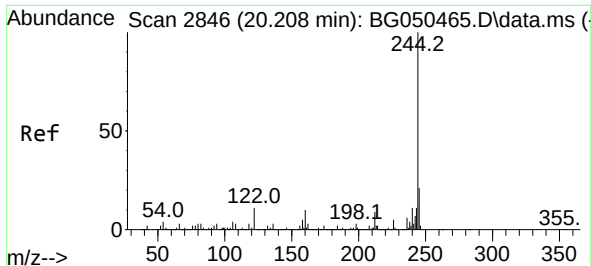
Tgt Ion:240 Resp: 284153
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.2 21.8 32.6



#77
Benzidine
Concen: 2.718 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG050557.D
Acq: 12 Oct 2021 17:48

Tgt Ion:184 Resp: 25030
Ion Ratio Lower Upper
184 100
185 17.9 10.7 16.1#
183 8.8 9.4 14.0#

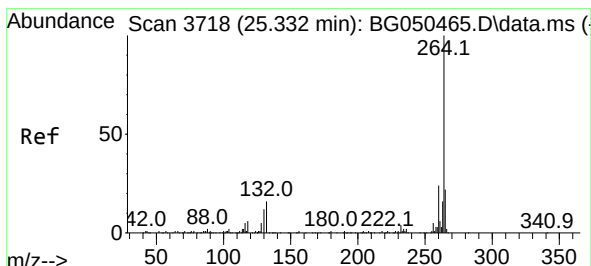
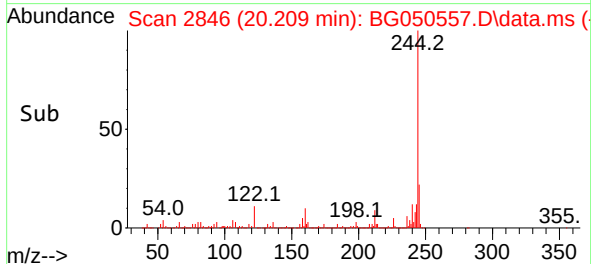
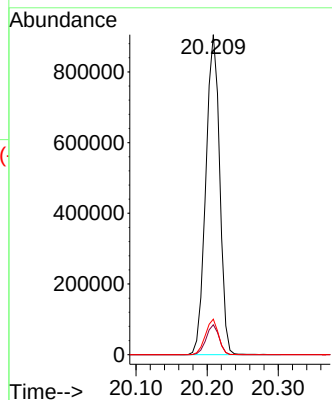
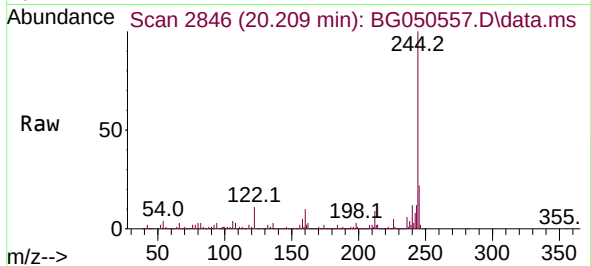




#79
 Terphenyl-d14
 Concen: 84.280 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.000 min
 Lab File: BG050557.D
 Acq: 12 Oct 2021 17:48

Instrument :
 BNA_G
 ClientSampleId :
 T9-COMP-(1-4)

Tgt Ion:244 Resp: 1228859
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 3718
 Delta R.T. 0.000 min
 Lab File: BG050557.D
 Acq: 12 Oct 2021 17:48

Tgt Ion:264 Resp: 275675
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.5 16.9 25.3

