

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050558.D
 Acq On : 12 Oct 2021 18:29
 Operator : CG/JU
 Sample : M4158-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-COMP-(1-4)

Quant Time: Oct 13 04:43:10 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)

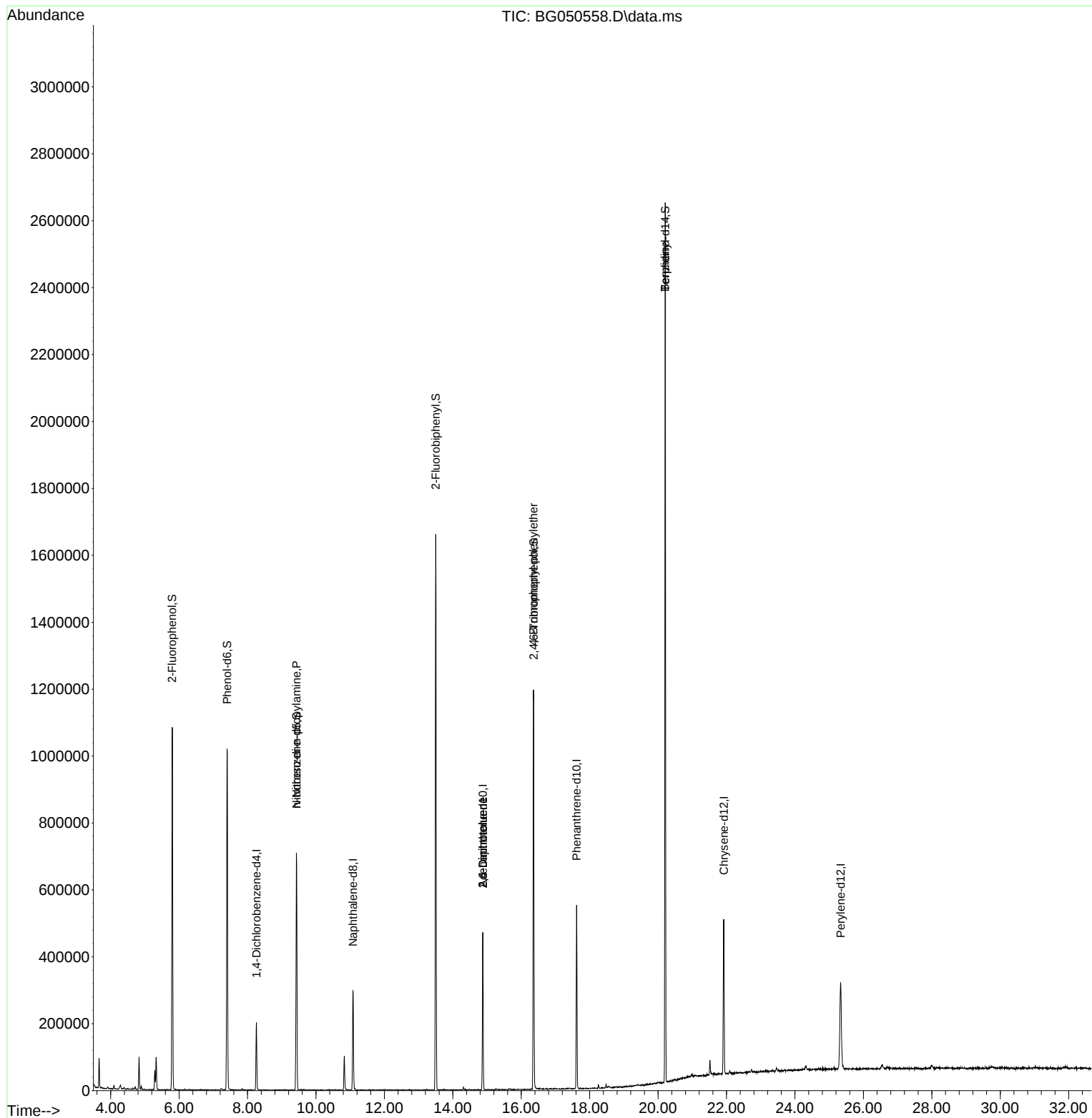
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	51820	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	239761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	158717	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	329328	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	290442	20.000	ng	# 0.00
86) Perylene-d12	25.334	264	283076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	445033	128.437	ng	0.00
7) Phenol-d6	7.402	99	582716	116.156	ng	0.00
23) Nitrobenzene-d5	9.429	82	466050	80.466	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	177907	117.517	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	818339	77.599	ng	0.00
79) Terphenyl-d14	20.210	244	1183446	79.407	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.408	77	1267	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	67064	18.341	ng	# 72
51) 2,6-Dinitrotoluene	14.875	165	20626	8.584	ng	# 11
57) 2,4-Dinitrotoluene	14.875	165	20626	6.090	ng	# 16
67) 4-Bromophenyl-phenylether	16.356	248	14955	4.506	ng	# 1
77) Benzidine	20.204	184	24379	2.590	ng	# 92

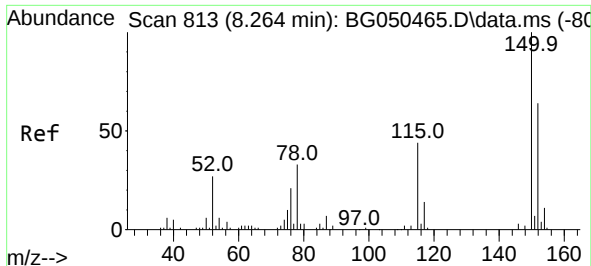
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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T8-COMP-(1-4)

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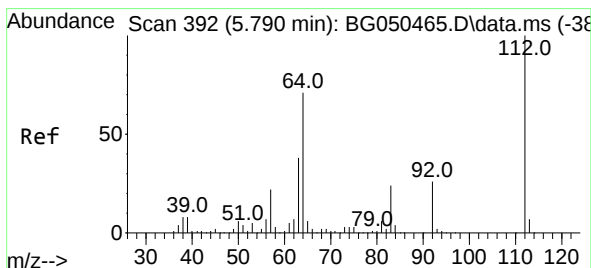
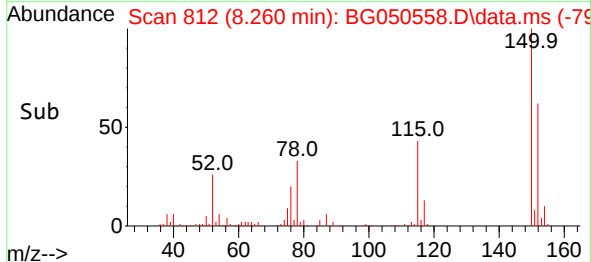
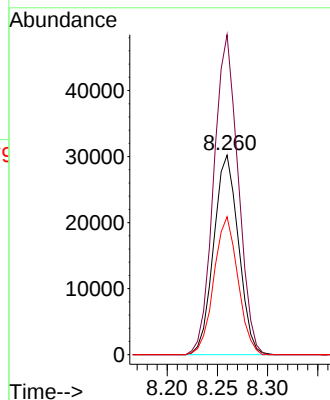
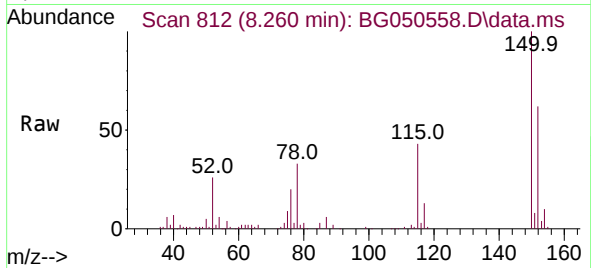




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.260 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

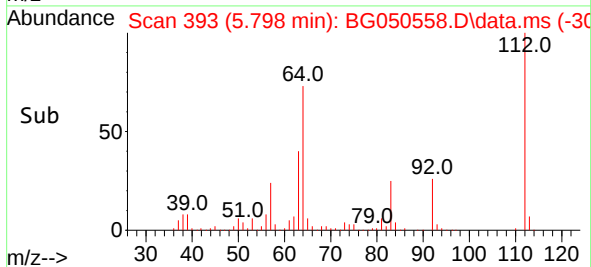
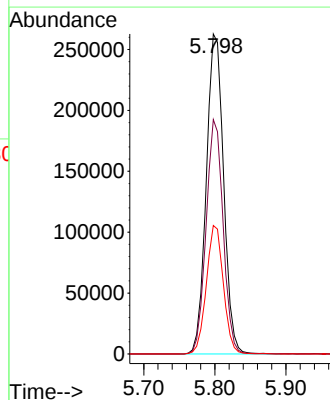
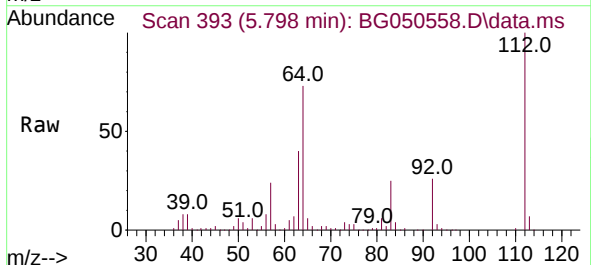
Instrument :
BNA_G
ClientSampleId :
T8-COMP-(1-4)

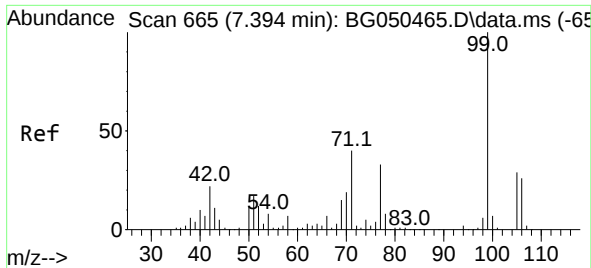
Tgt Ion:152 Resp: 51820
Ion Ratio Lower Upper
152 100
150 160.4 119.4 179.0
115 69.2 60.2 90.4



#5
2-Fluorophenol
Concen: 128.437 ng
RT: 5.798 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:112 Resp: 445033
Ion Ratio Lower Upper
112 100
64 73.3 46.7 70.1#
63 40.2 35.3 52.9

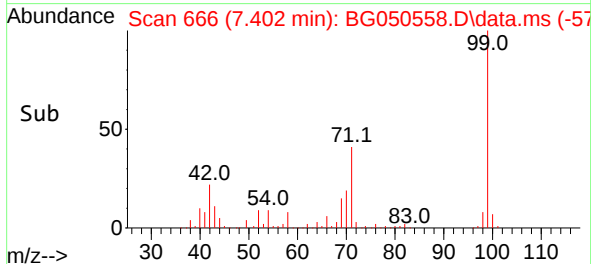
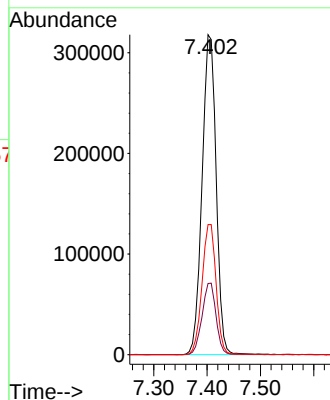
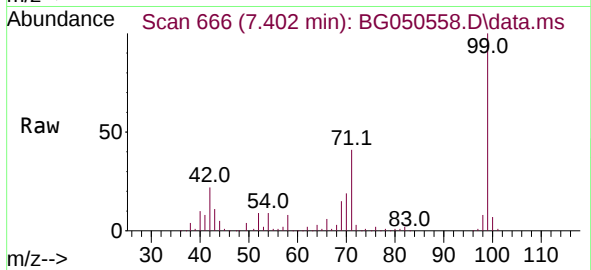




#7
Phenol-d6
Concen: 116.156 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

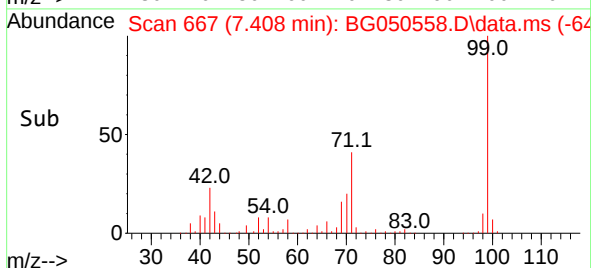
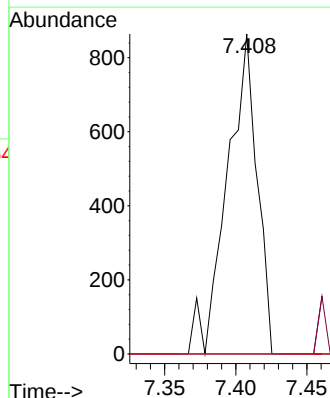
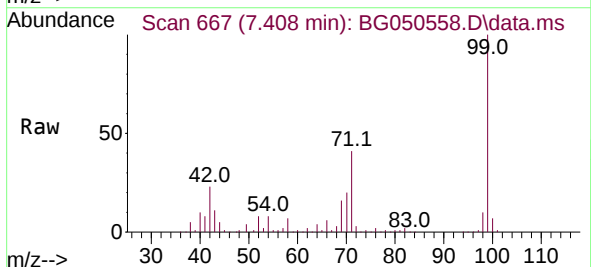
Instrument :
BNA_G
ClientSampleId :
T8-COMP-(1-4)

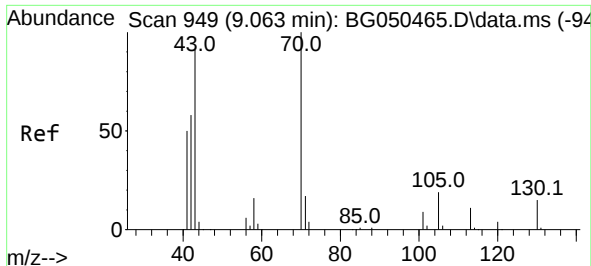
Tgt Ion: 99 Resp: 582716
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.6 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.408 min Scan# 667
Delta R.T. 0.014 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion: 77 Resp: 1267
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

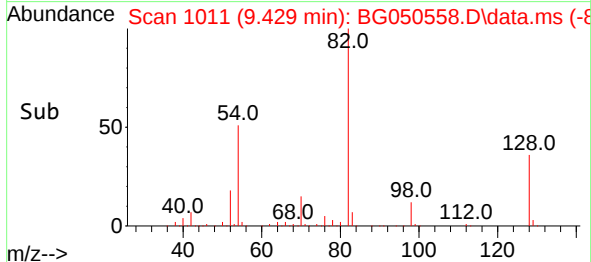
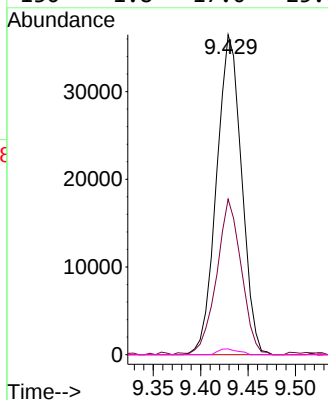
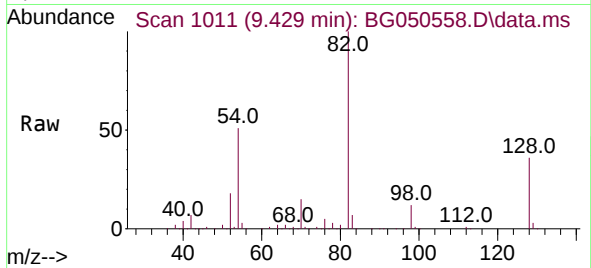




#19
n-Nitroso-di-n-propylamine
Concen: 18.341 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

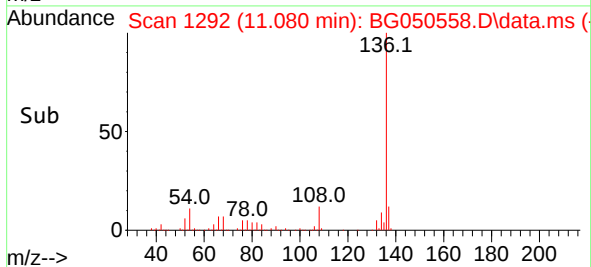
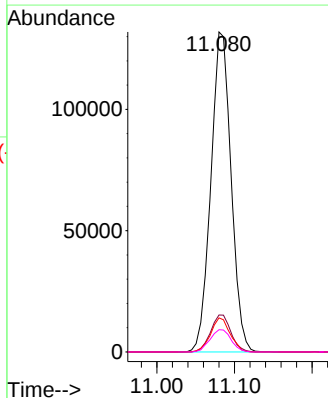
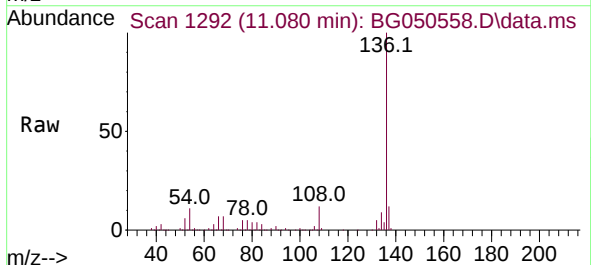
Instrument :
BNA_G
ClientSampleId :
T8-COMP-(1-4)

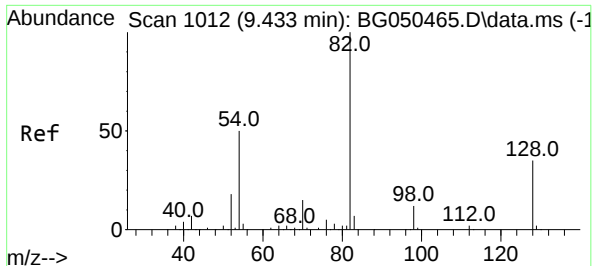
Tgt Ion:	70	Resp:	67064
Ion	Ratio	Lower	Upper
70	100		
42	48.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.010 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:	136	Resp:	239761
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	10.7	5.5	8.3#
68	7.0	2.3	3.5#

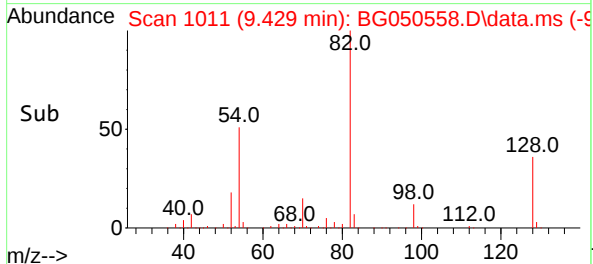
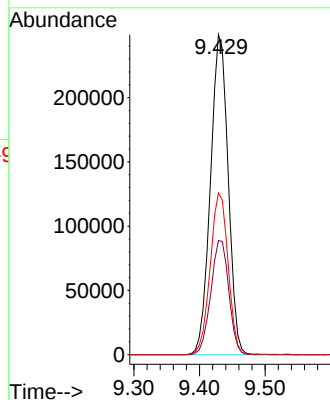
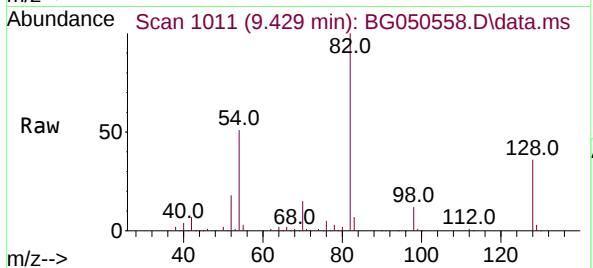




#23
Nitrobenzene-d5
Concen: 80.466 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

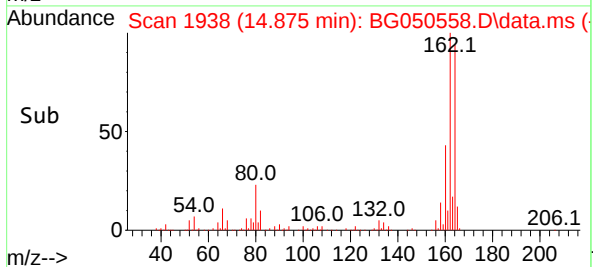
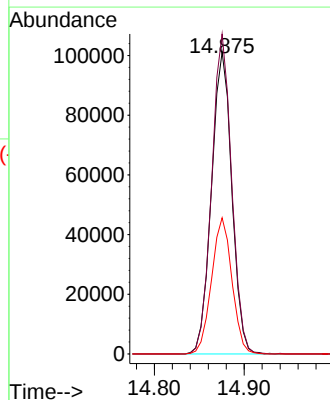
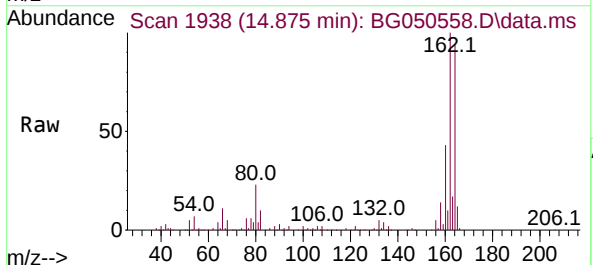
Instrument :
BNA_G
ClientSampleId :
T8-COMP-(1-4)

Tgt Ion: 82 Resp: 466050
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 50.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:164 Resp: 158717
Ion Ratio Lower Upper
164 100
162 106.0 81.4 122.0
160 45.1 34.9 52.3

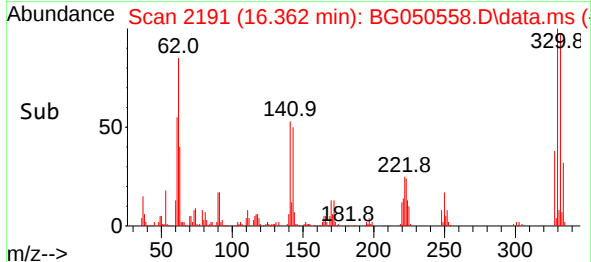
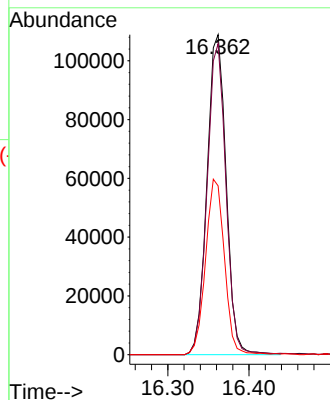
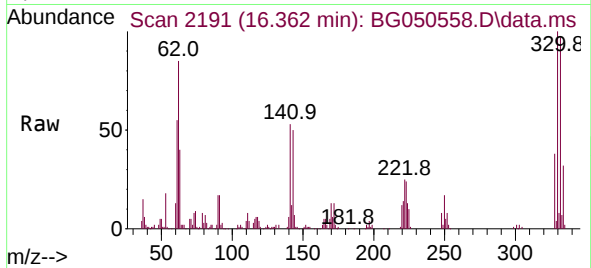




#42
2,4,6-Tribromophenol
Concen: 117.517 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

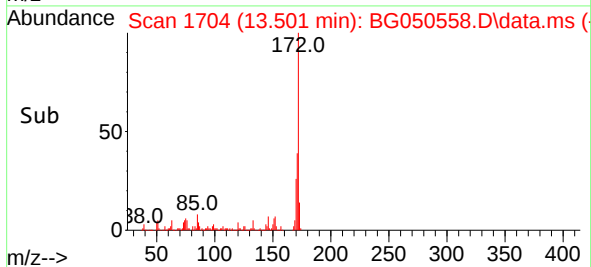
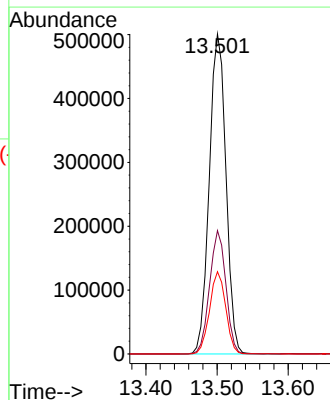
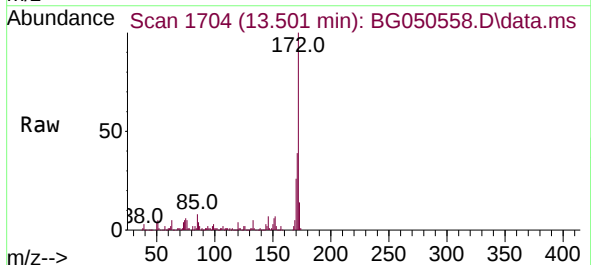
Instrument :
BNA_G
ClientSampleId :
T8-COMP-(1-4)

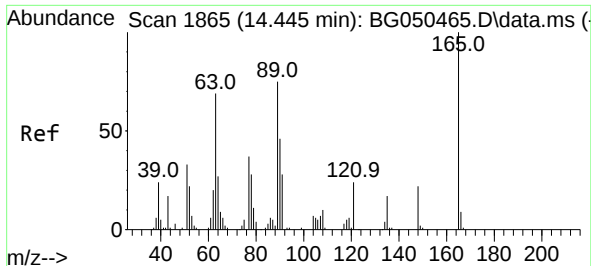
Tgt Ion:330 Resp: 177907
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 54.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 77.599 ng
RT: 13.501 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:172 Resp: 818339
Ion Ratio Lower Upper
172 100
171 38.5 28.6 43.0
170 25.7 18.6 27.8

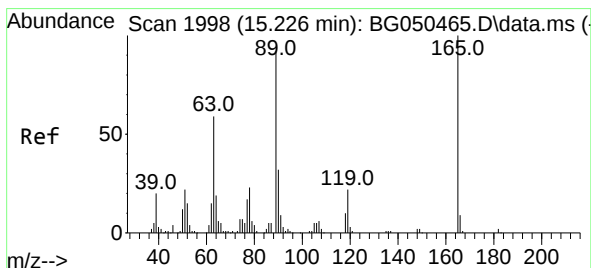
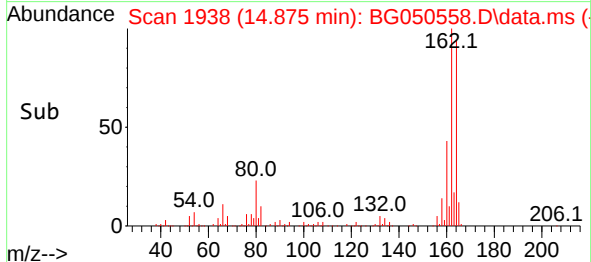
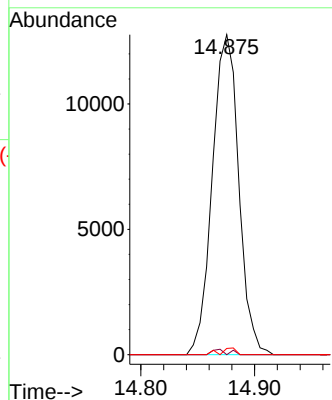
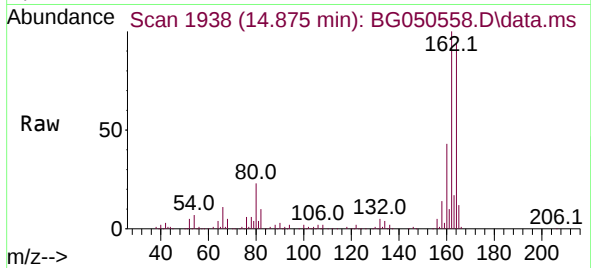




#51
2,6-Dinitrotoluene
Concen: 8.584 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.431 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

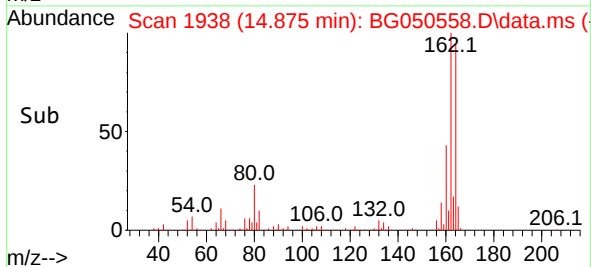
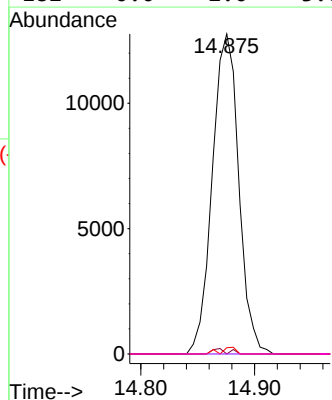
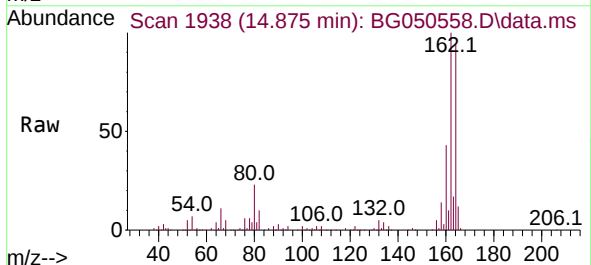
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T8-COMP-(1-4)

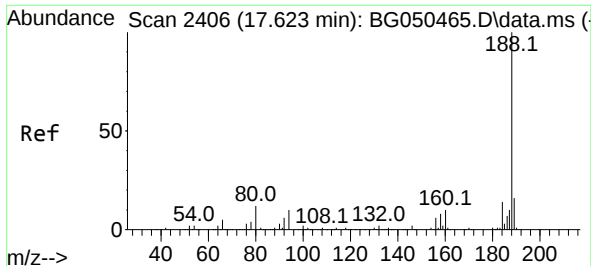
Tgt Ion:165 Resp: 20626
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.090 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:165 Resp: 20626
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

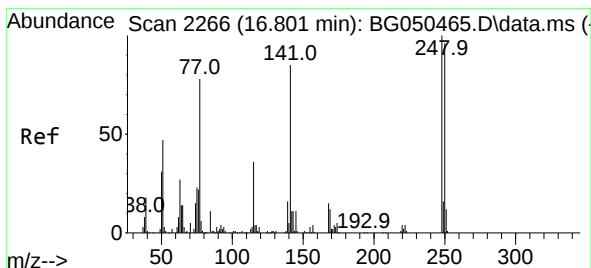
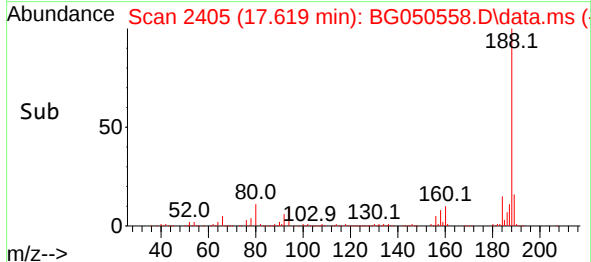
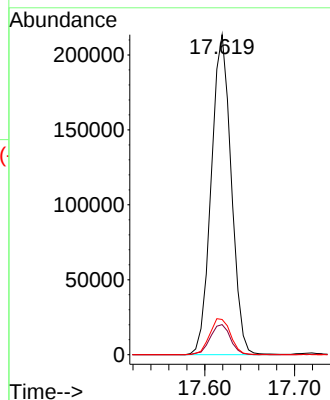
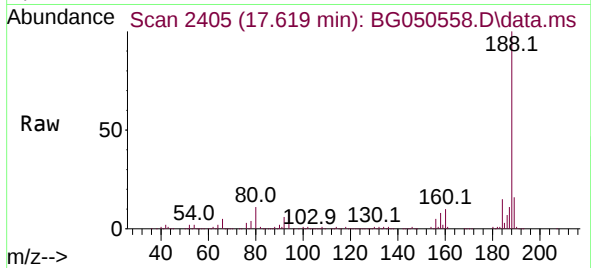




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

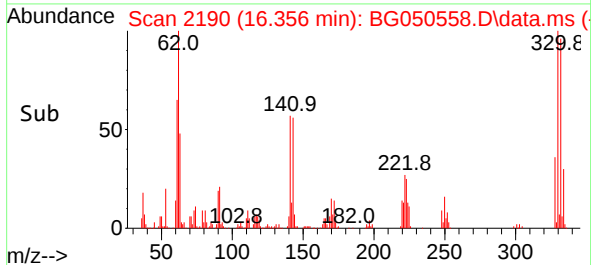
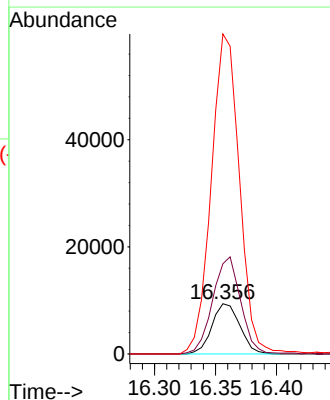
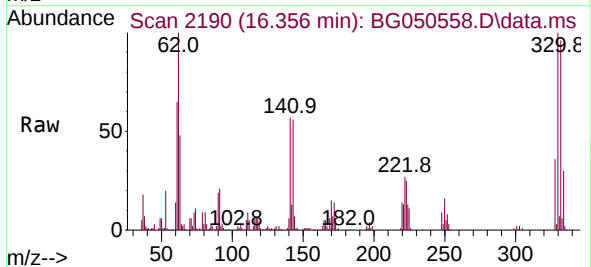
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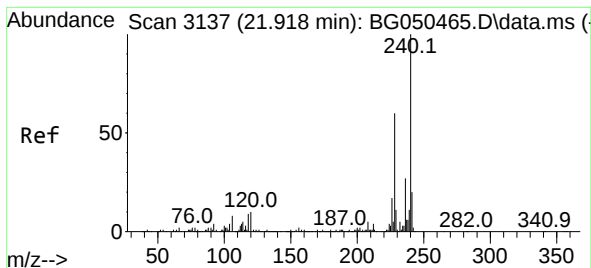
Tgt Ion:188 Resp: 329328
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.506 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:248 Resp: 14955
Ion Ratio Lower Upper
248 100
250 180.0 76.1 114.1#
141 637.6 65.4 98.2#

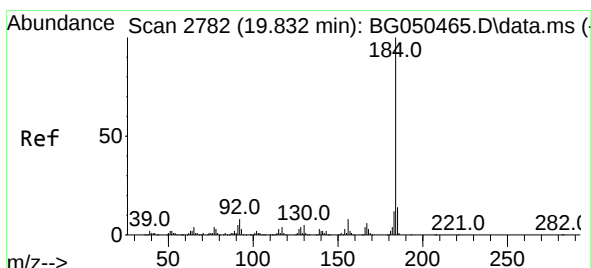
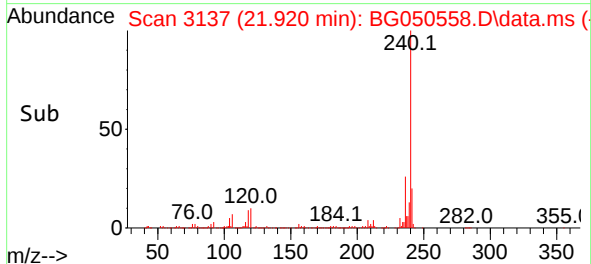
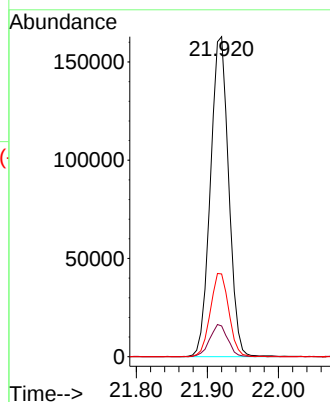
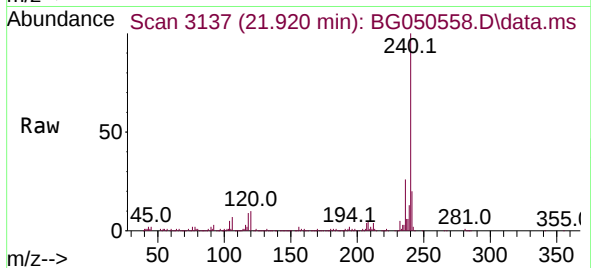




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.002 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

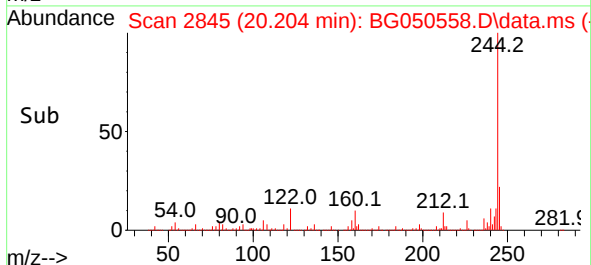
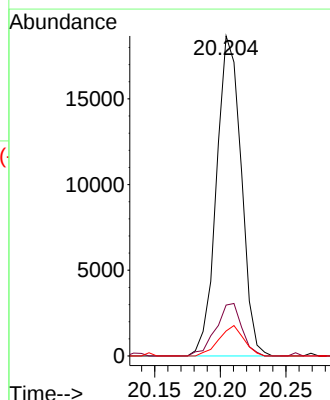
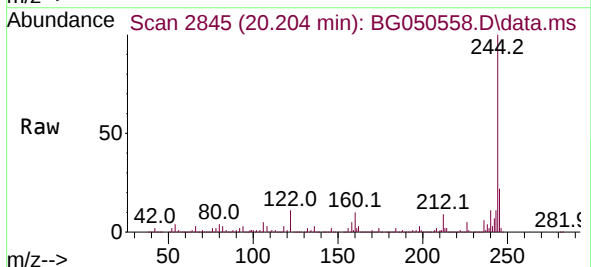
Instrument :
BNA_G
ClientSampleId :
T8-COMP-(1-4)

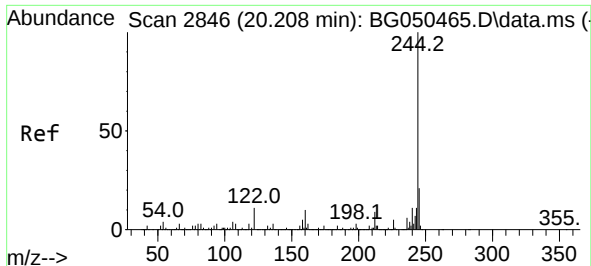
Tgt Ion:240 Resp: 290442
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 25.9 21.8 32.6



#77
Benzidine
Concen: 2.590 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.372 min
Lab File: BG050558.D
Acq: 12 Oct 2021 18:29

Tgt Ion:184 Resp: 24379
Ion Ratio Lower Upper
184 100
185 15.9 10.7 16.1
183 7.8 9.4 14.0#

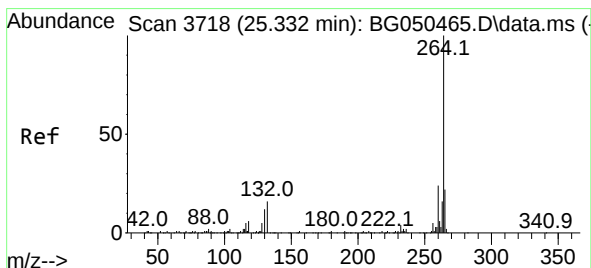
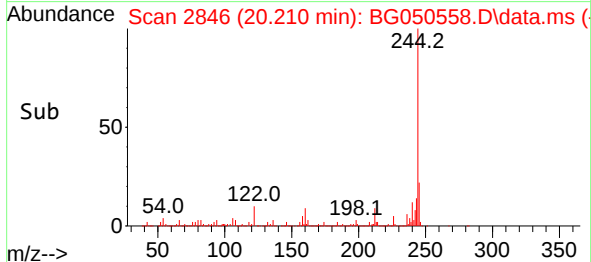
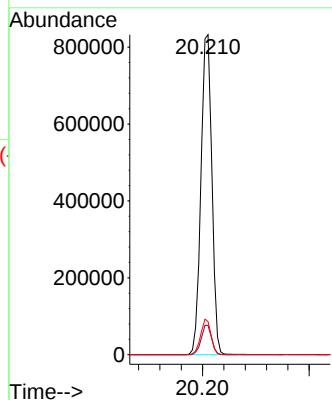
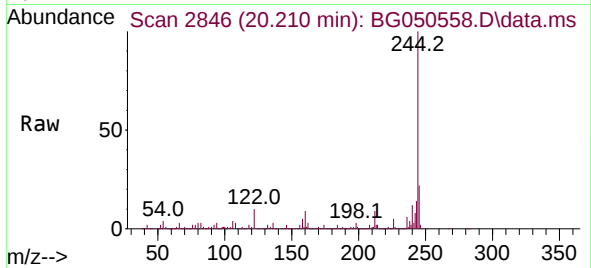




#79
 Terphenyl-d14
 Concen: 79.407 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG050558.D
 Acq: 12 Oct 2021 18:29

Instrument :
 BNA_G
 ClientSampleId :
 T8-COMP-(1-4)

Tgt Ion:244 Resp: 1183446
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 10.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG050558.D
 Acq: 12 Oct 2021 18:29

Tgt Ion:264 Resp: 283076
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 23.1 16.9 25.3

