

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050556.D
 Acq On : 12 Oct 2021 17:07
 Operator : CG/JU
 Sample : M4158-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-COMP-(1-4)

Quant Time: Oct 13 04:42:46 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)

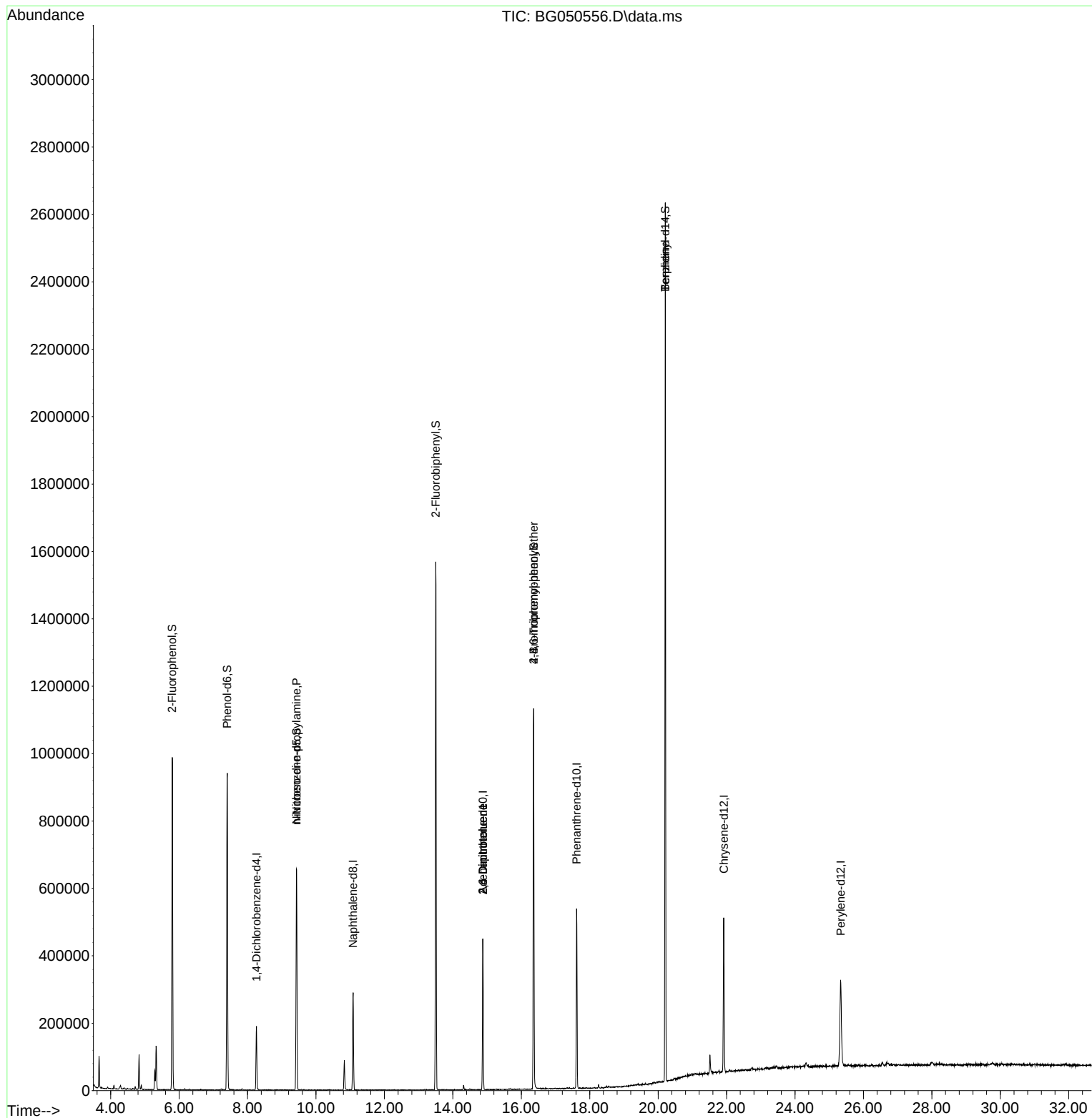
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	50807	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	230269	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	154329	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	325370	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	281325	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	271578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	417904	123.013	ng	0.00
7) Phenol-d6	7.406	99	541245	110.040	ng	0.01
23) Nitrobenzene-d5	9.428	82	442719	79.588	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	170205	115.626	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	781086	76.172	ng	0.00
79) Terphenyl-d14	20.209	244	1130856	78.338	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.406	77	1154	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.434	70	63345	17.669 ng	#	70
51) 2,6-Dinitrotoluene	14.874	165	20345	8.708 ng	#	12
57) 2,4-Dinitrotoluene	14.874	165	20345	6.178 ng	#	17
67) 4-Bromophenyl-phenylether	16.361	248	14041	4.282 ng	#	1
77) Benzidine	20.209	184	23241	2.549 ng	#	92

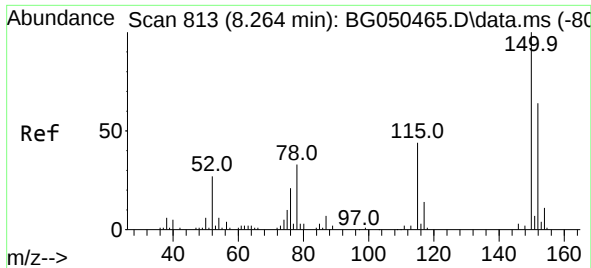
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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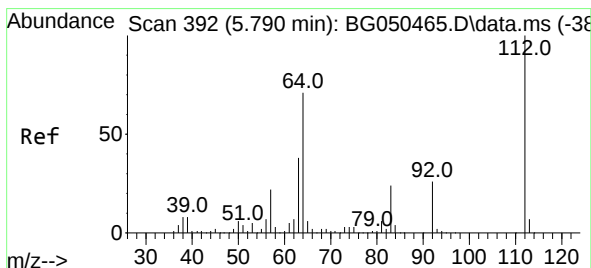
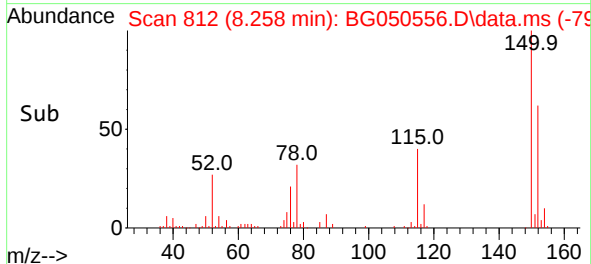
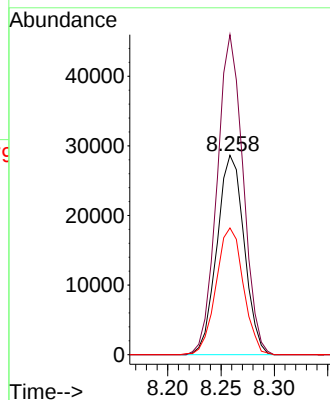
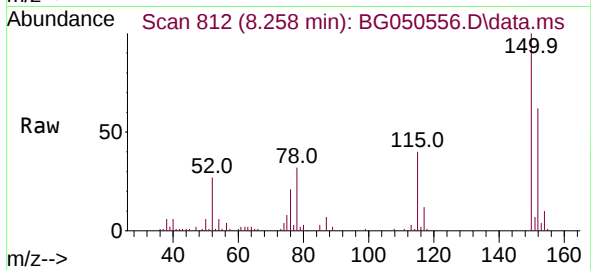




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

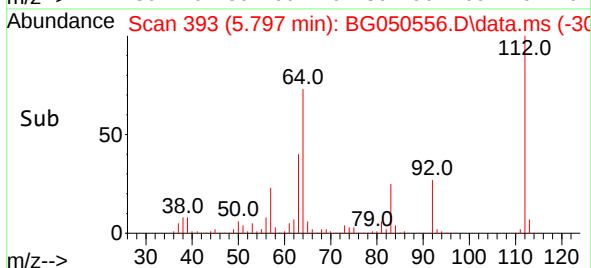
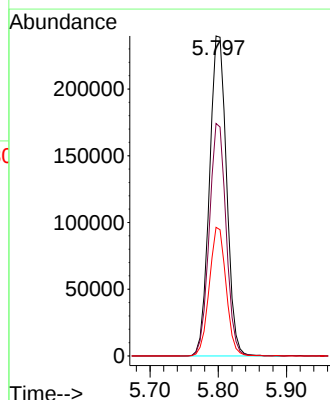
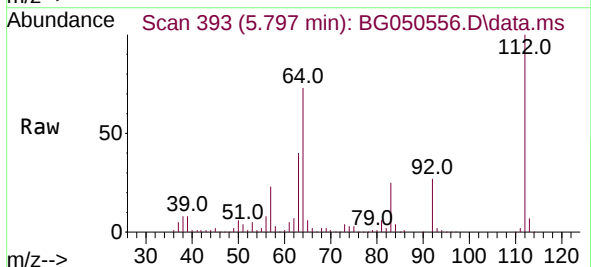
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

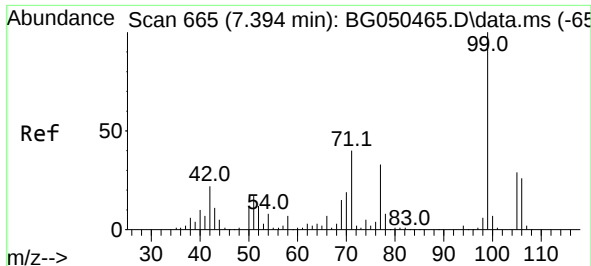
Tgt Ion:152 Resp: 50807
Ion Ratio Lower Upper
152 100
150 160.6 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 123.013 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:112 Resp: 417904
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 40.2 35.3 52.9

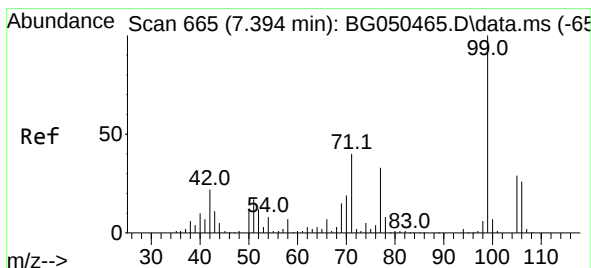
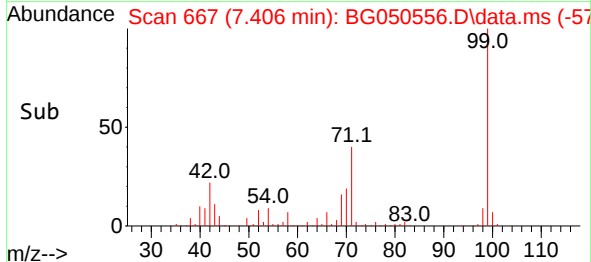
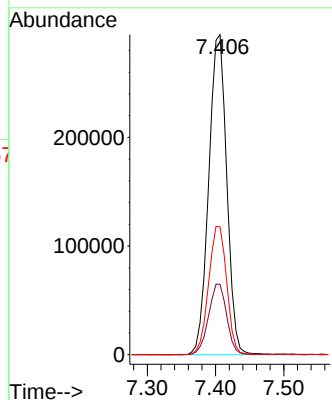
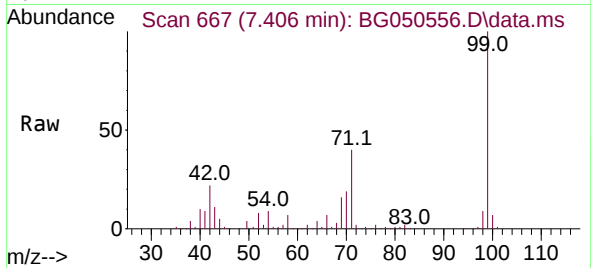




#7
Phenol-d6
Concen: 110.040 ng
RT: 7.406 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

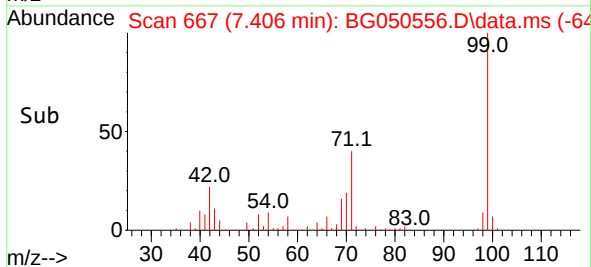
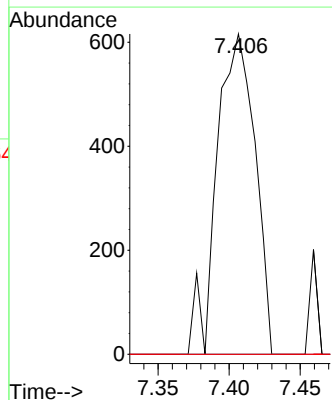
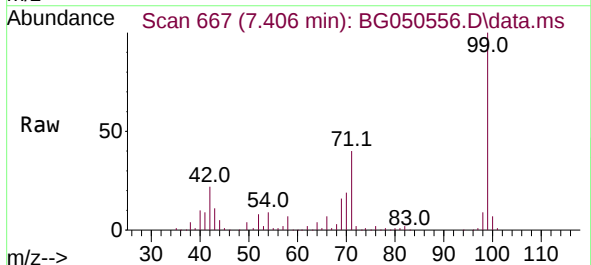
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

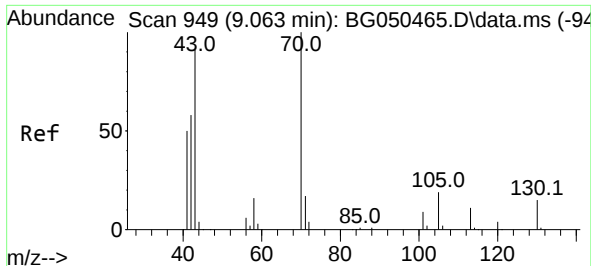
Tgt Ion: 99 Resp: 541245
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 39.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.406 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion: 77 Resp: 1154
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

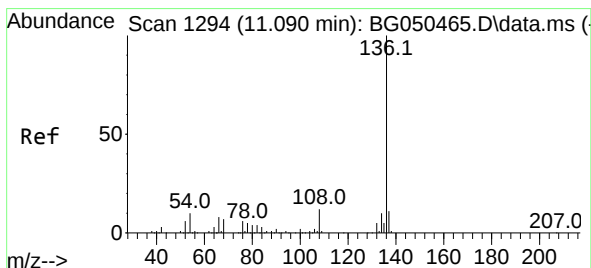
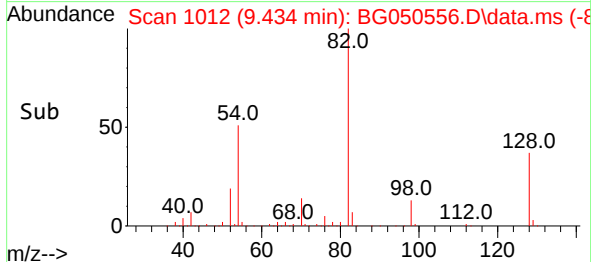
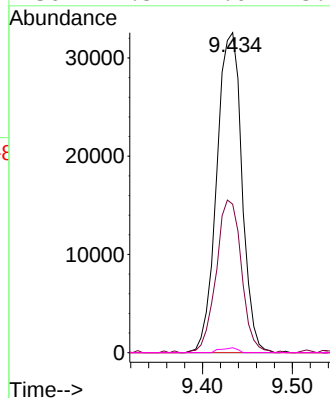
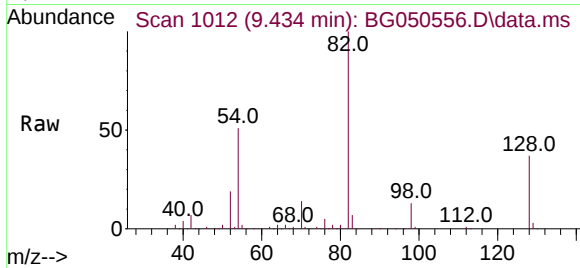




#19
n-Nitroso-di-n-propylamine
Concen: 17.669 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.371 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

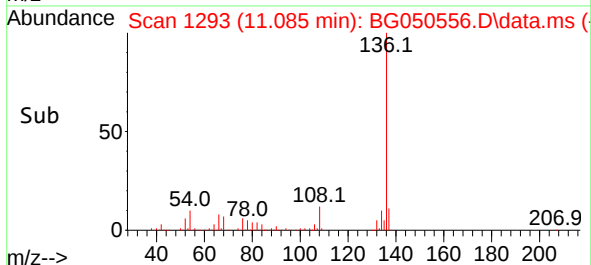
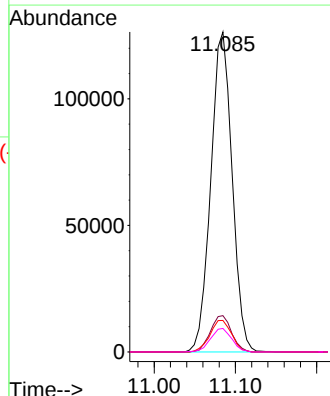
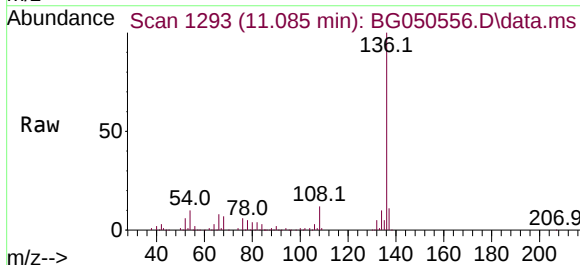
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

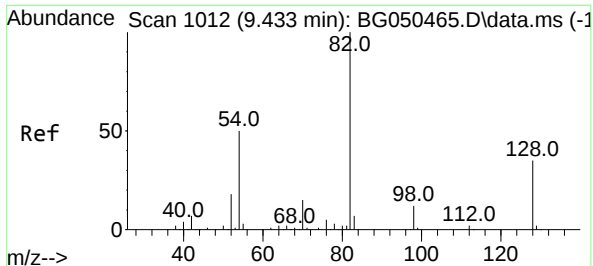
Tgt Ion:	70	Resp:	63345
Ion	Ratio	Lower	Upper
70	100		
42	46.4	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:	136	Resp:	230269
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	9.8	5.5	8.3#
68	7.3	2.3	3.5#

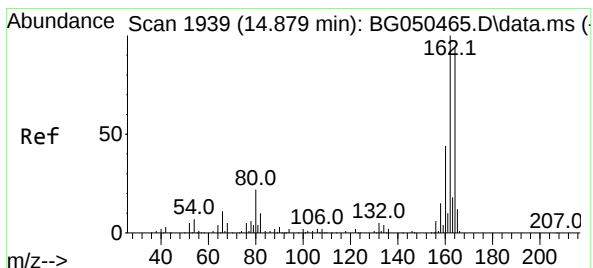
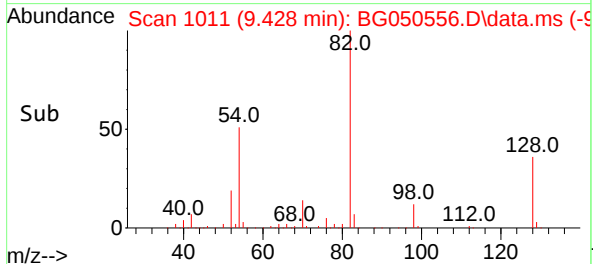
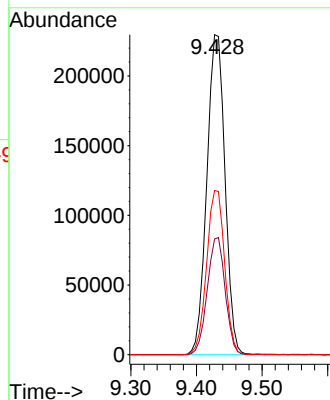
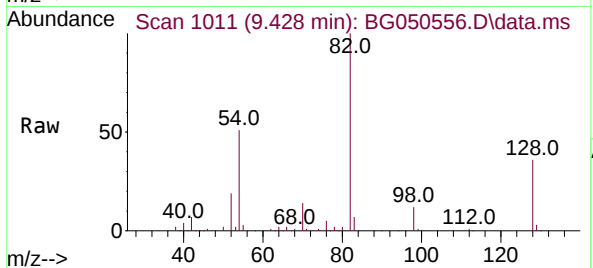




#23
Nitrobenzene-d5
Concen: 79.588 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

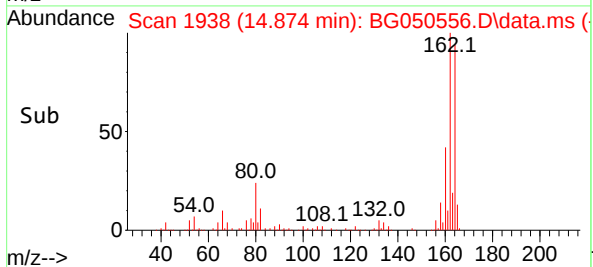
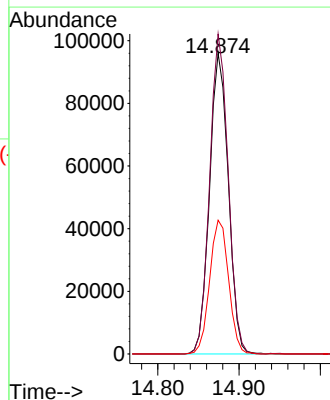
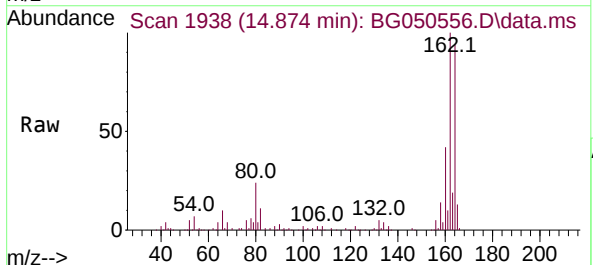
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

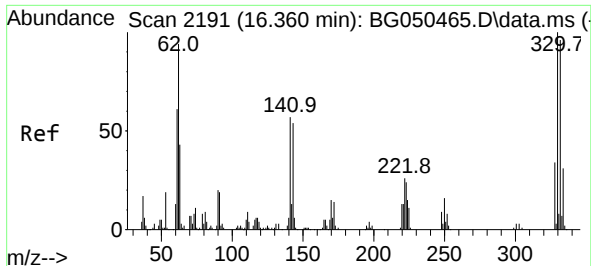
Tgt Ion: 82 Resp: 442719
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:164 Resp: 154329
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 44.5 34.9 52.3

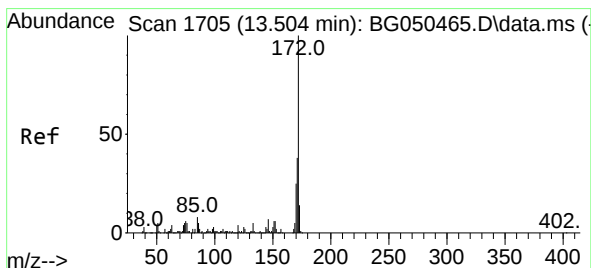
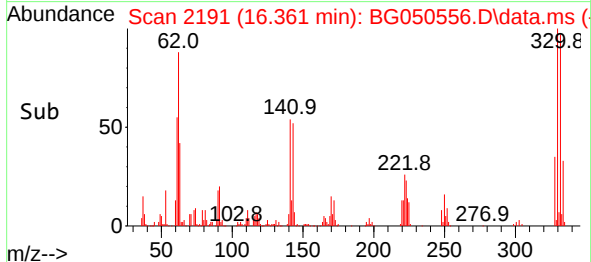
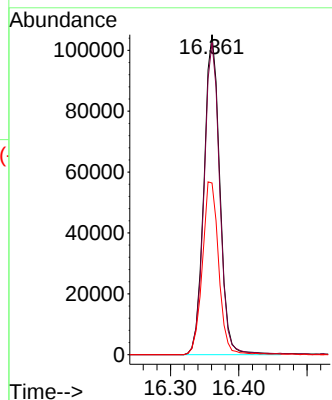
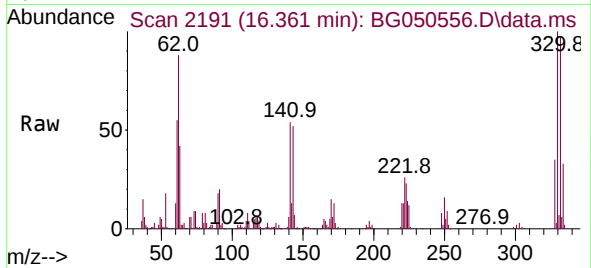




#42
2,4,6-Tribromophenol
Concen: 115.626 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

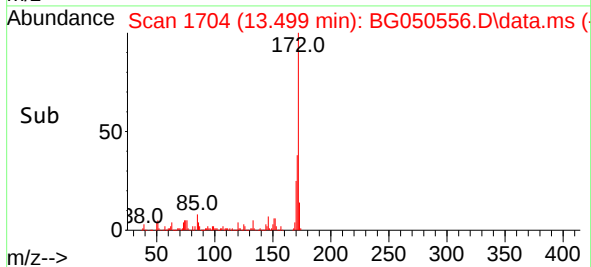
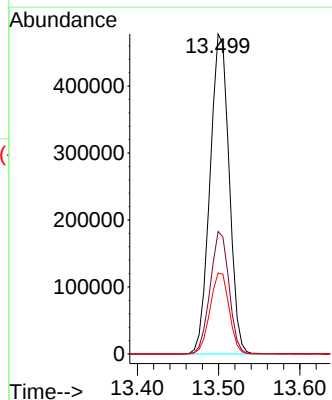
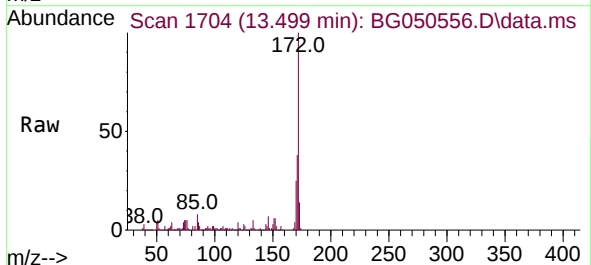
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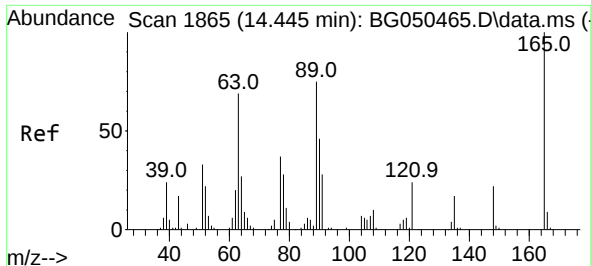
Tgt Ion:330 Resp: 170205
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 55.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 76.172 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:172 Resp: 781086
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 25.3 18.6 27.8

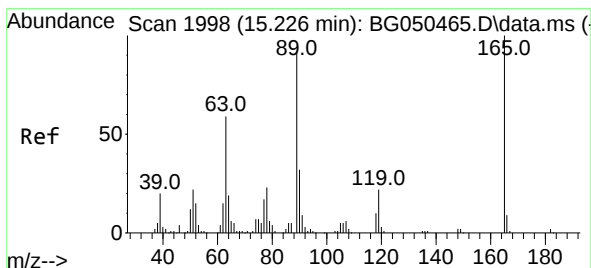
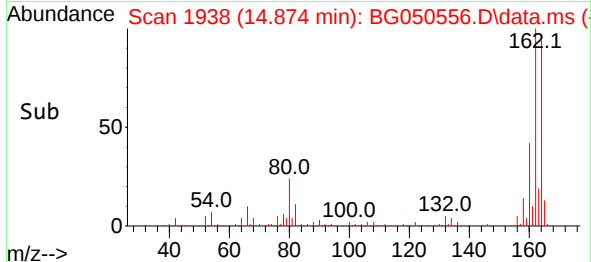
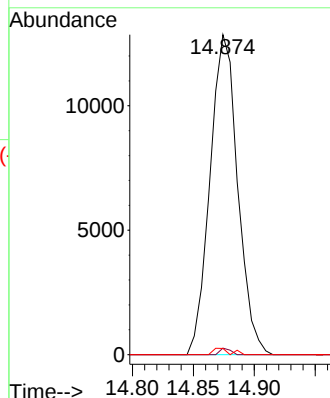
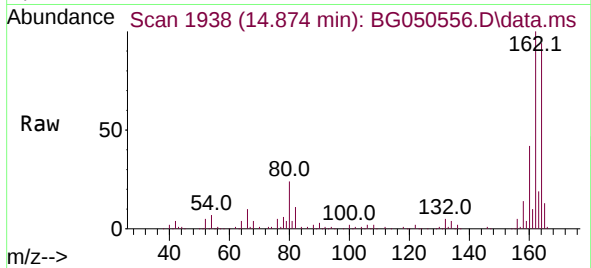




#51
2,6-Dinitrotoluene
Concen: 8.708 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

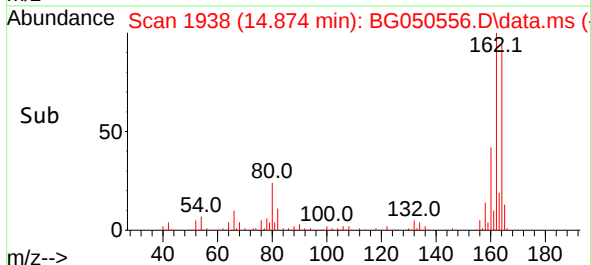
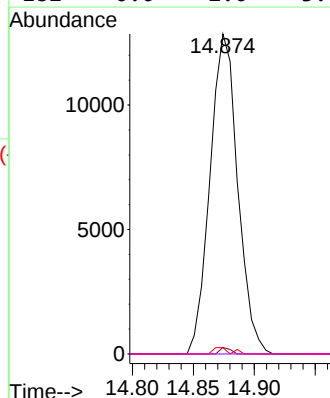
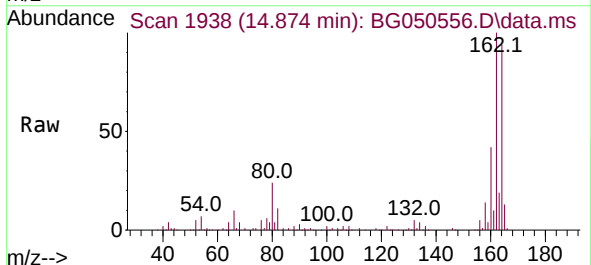
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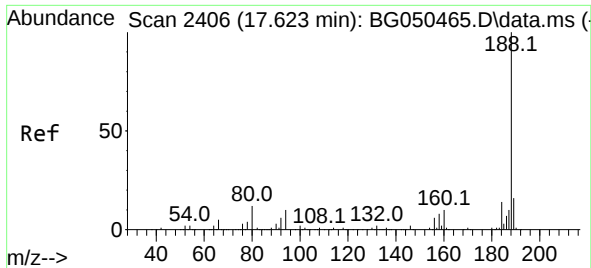
Tgt Ion:165 Resp: 20345
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.178 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:165 Resp: 20345
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

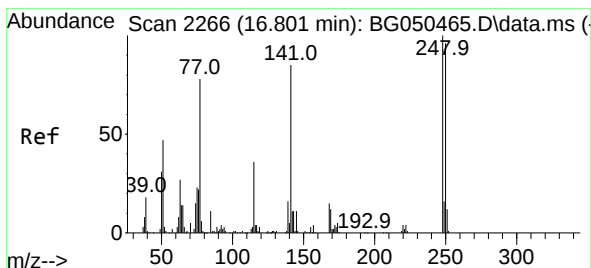
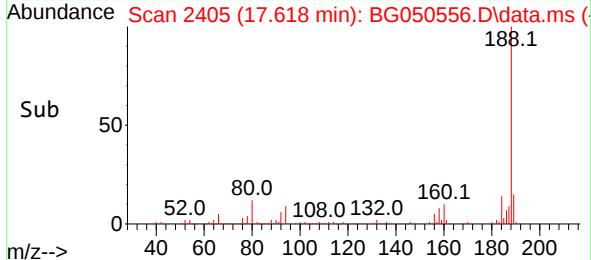
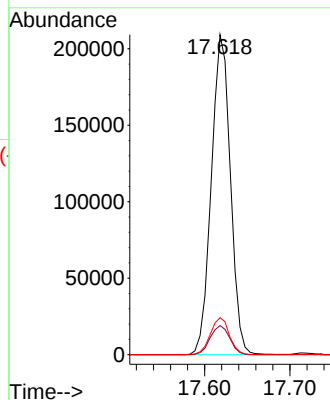
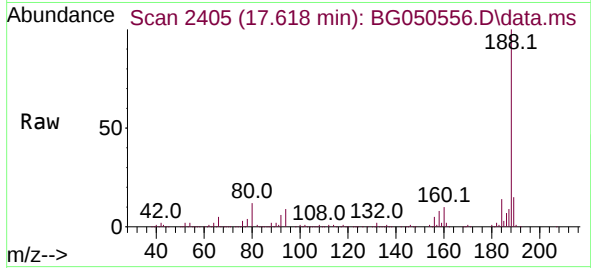




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

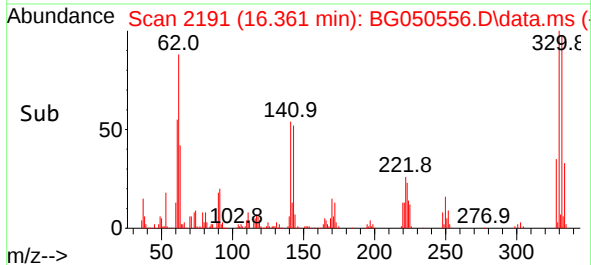
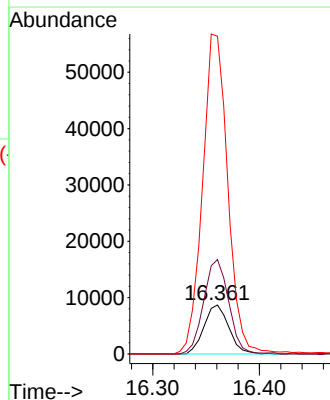
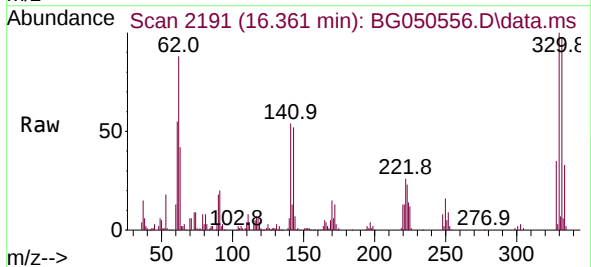
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

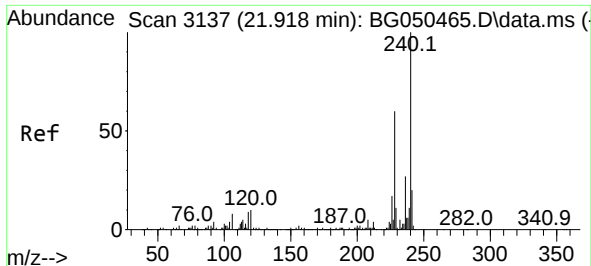
Tgt Ion:188 Resp: 325370
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.282 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:248 Resp: 14041
Ion Ratio Lower Upper
248 100
250 193.2 76.1 114.1#
141 650.0 65.4 98.2#

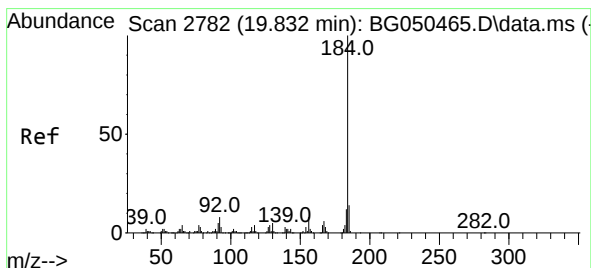
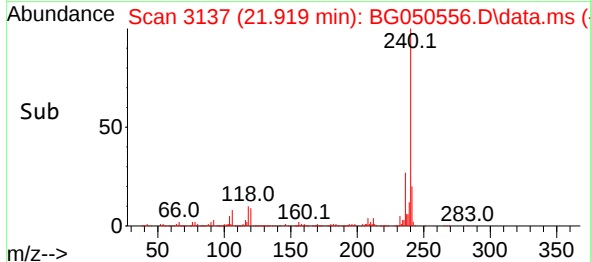
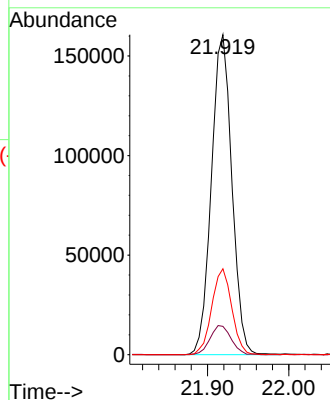
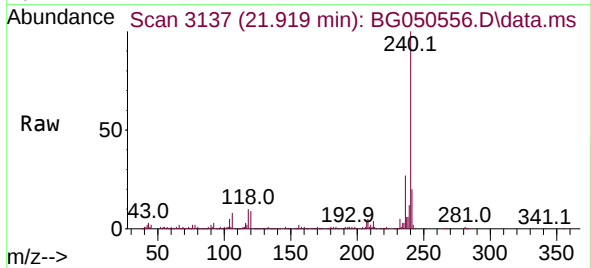




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

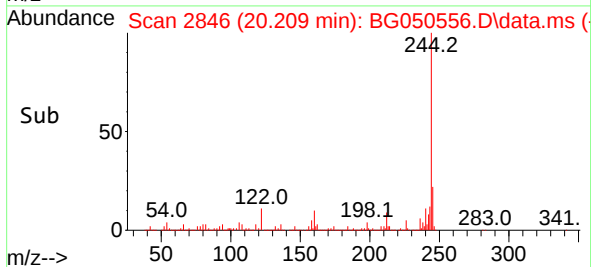
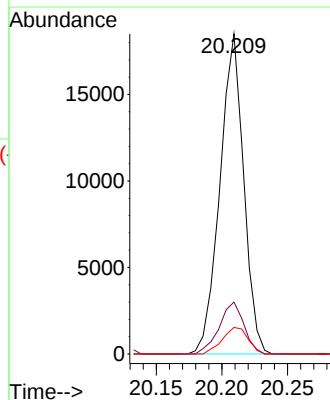
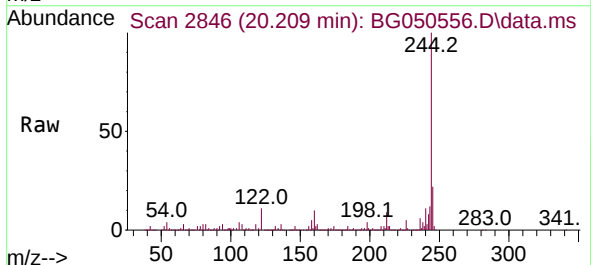
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

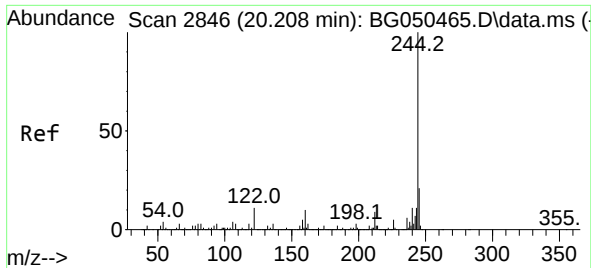
Tgt Ion:240 Resp: 281325
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 26.8 21.8 32.6



#77
Benzidine
Concen: 2.549 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:184 Resp: 23241
Ion Ratio Lower Upper
184 100
185 16.2 10.7 16.1#
183 8.3 9.4 14.0#

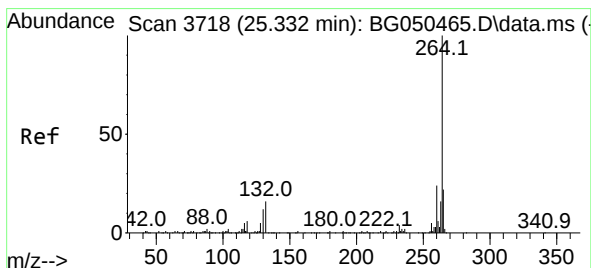
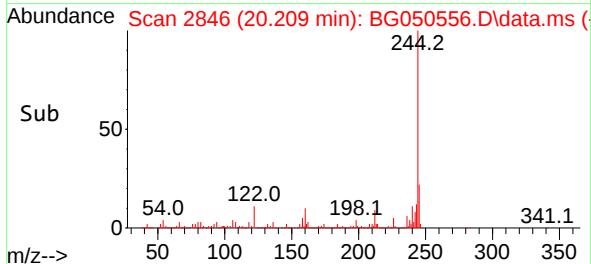
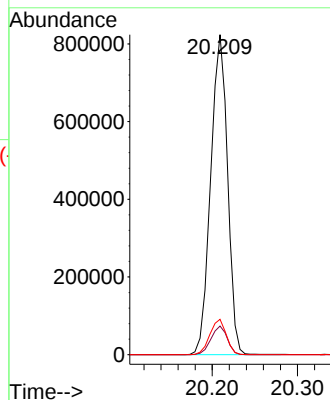
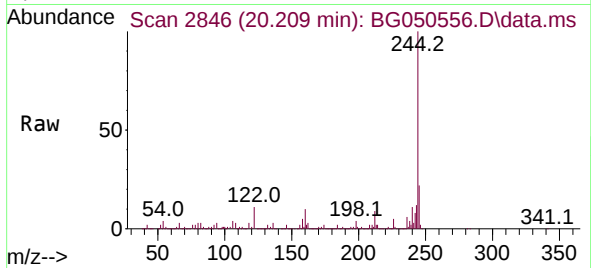




#79
Terphenyl-d14
Concen: 78.338 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

Tgt Ion:244 Resp: 1130856
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 11.1 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 3718
Delta R.T. 0.001 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:264 Resp: 271578
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.4 16.9 25.3

