

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG054996.D
 Acq On : 21 Sep 2022 16:34
 Operator : CG/JU
 Sample : N4723-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29-COMP

Quant Time: Sep 22 04:41:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

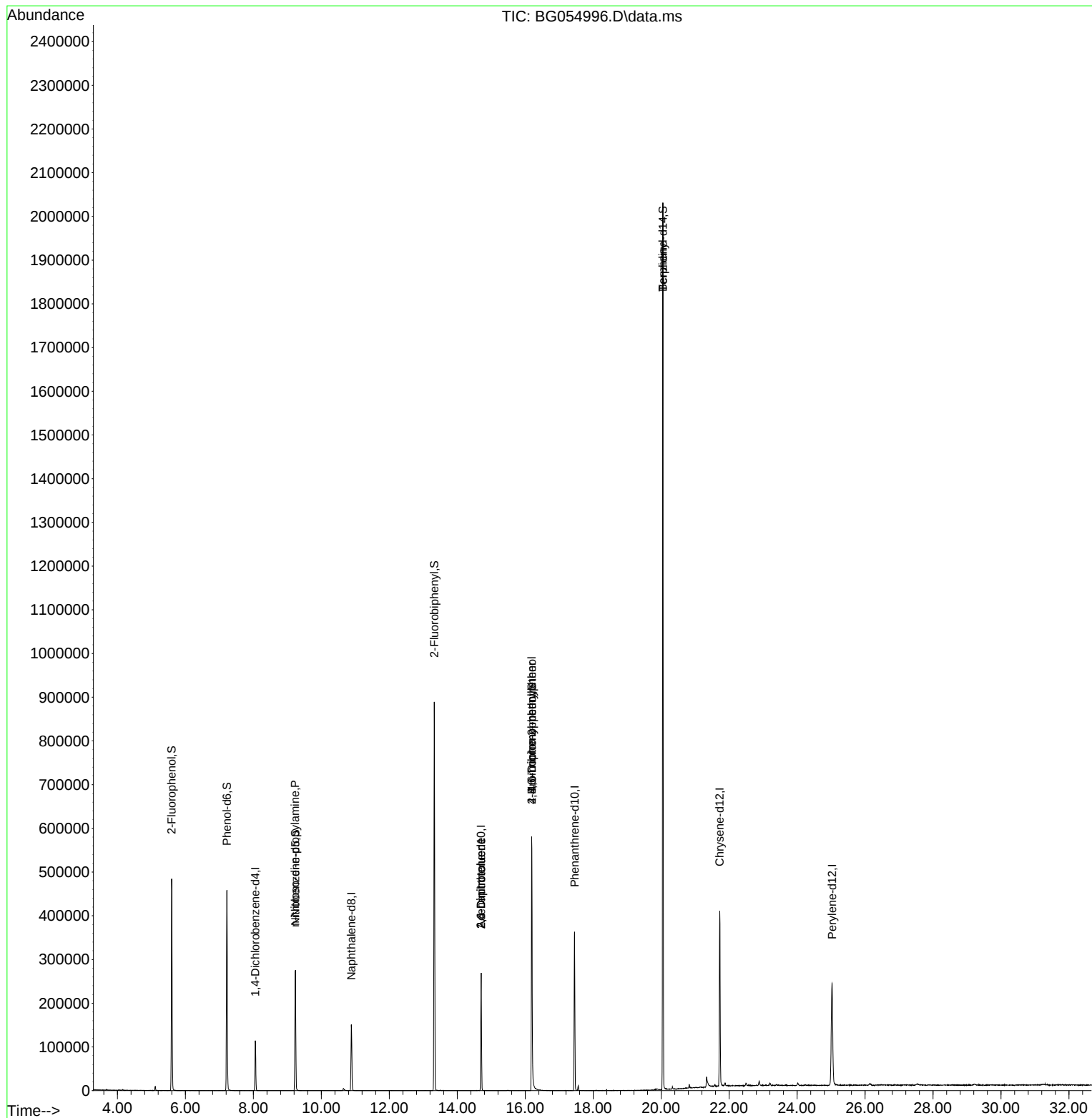
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	35555	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	144136	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	101425	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	253409	20.000	ng	0.00
76) Chrysene-d12	21.724	240	265128	20.000	ng	0.00
86) Perylene-d12	25.032	264	277135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	244412	134.506	ng	0.00
7) Phenol-d6	7.223	99	318170	130.633	ng	0.00
23) Nitrobenzene-d5	9.239	82	184347	74.132	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	154354	129.907	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	501953	77.995	ng	0.00
79) Terphenyl-d14	20.050	244	1001342	79.004	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	22665	13.520	ng	# 75
51) 2,6-Dinitrotoluene	14.703	165	13198	8.082	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	13198	5.682	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.189	198	239	5.155	ng	# 1
67) 4-Bromophenyl-phenylether	16.195	248	9034	3.233	ng	# 1
77) Benzidine	20.050	184	13716	2.088	ng	# 89

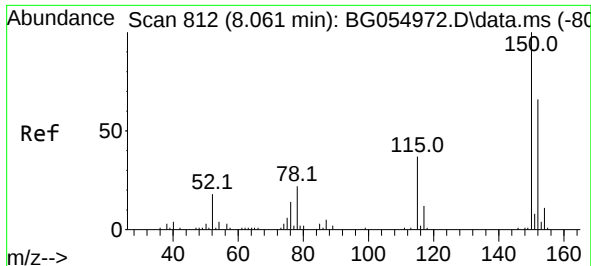
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
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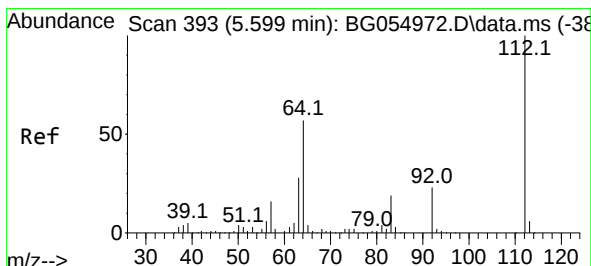
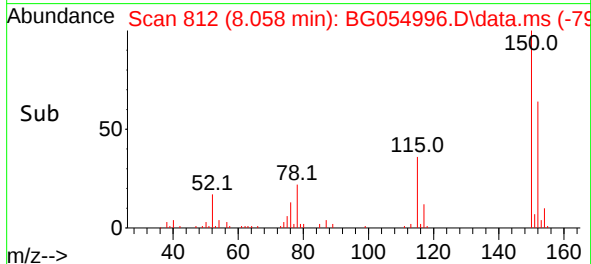
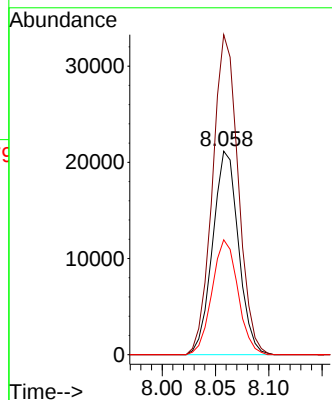
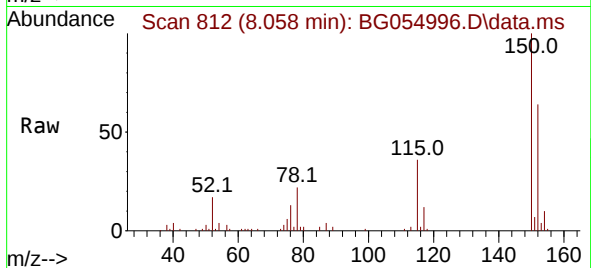




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

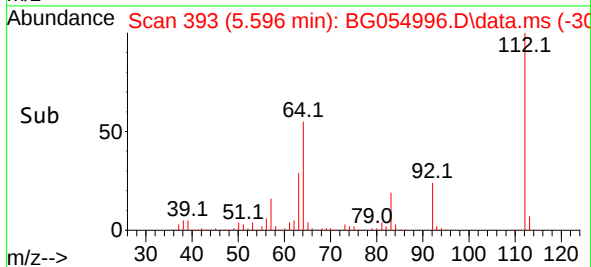
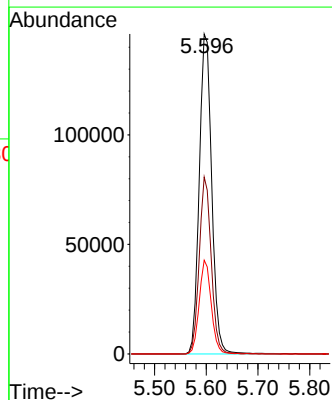
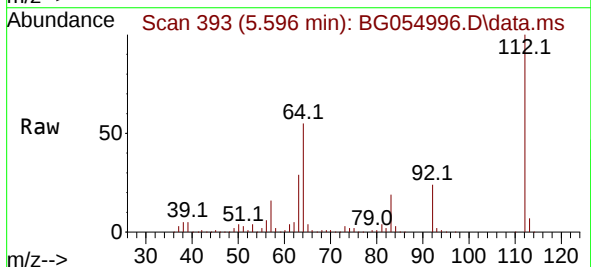
Instrument :
BNA_G
ClientSampleId :
SB-29-COMP

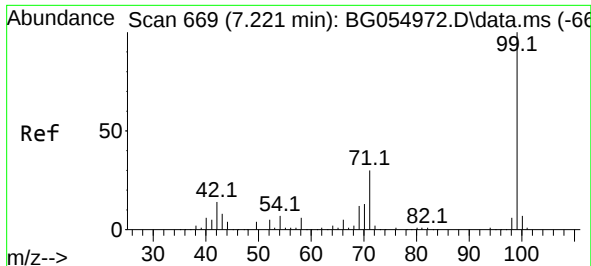
Tgt Ion:152 Resp: 35555
Ion Ratio Lower Upper
152 100
150 157.2 125.2 187.8
115 56.4 47.9 71.9



#5
2-Fluorophenol
Concen: 134.506 ng
RT: 5.596 min Scan# 393
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

Tgt Ion:112 Resp: 244412
Ion Ratio Lower Upper
112 100
64 55.3 49.3 73.9
63 29.3 26.3 39.5

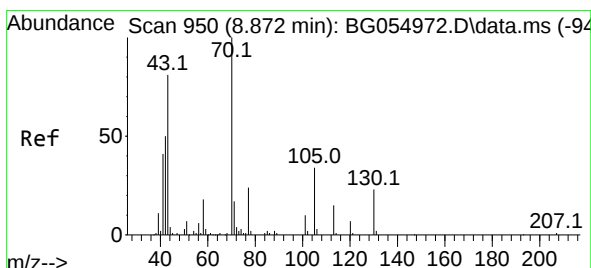
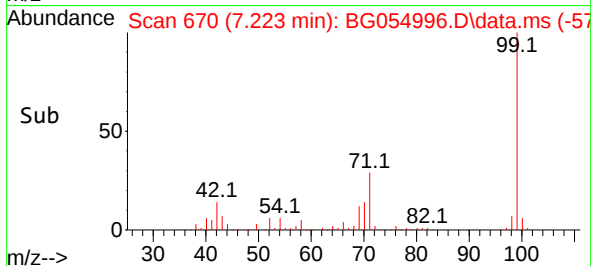
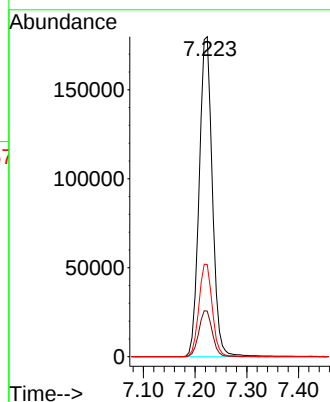
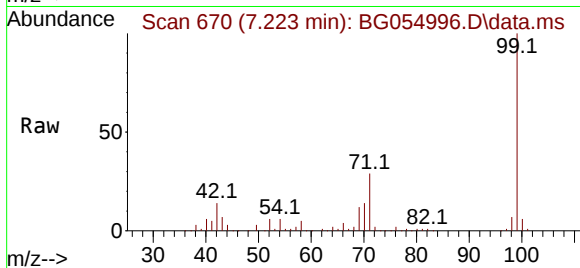




#7
Phenol-d6
Concen: 130.633 ng
RT: 7.223 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

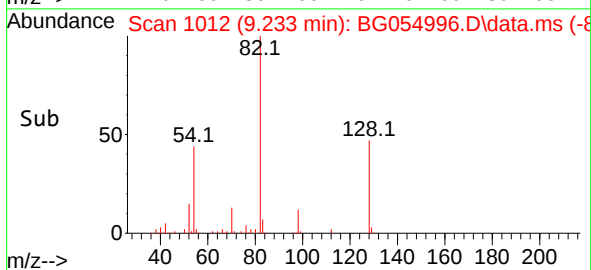
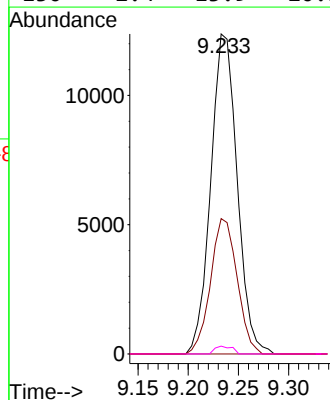
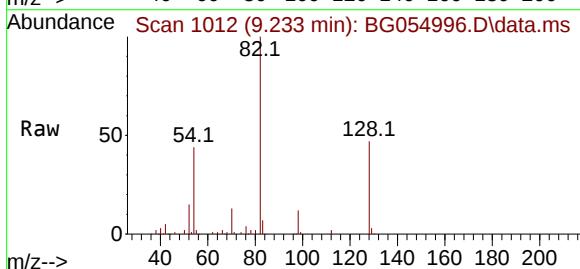
Instrument :
BNA_G
ClientSampleId :
SB-29-COMP

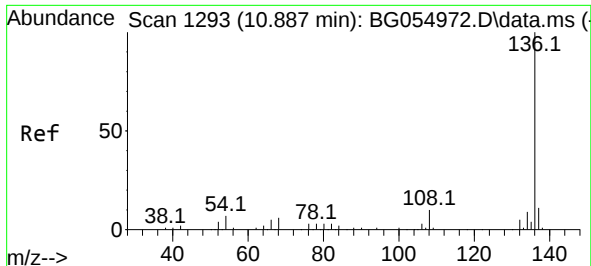
Tgt Ion: 99 Resp: 318170
Ion Ratio Lower Upper
99 100
42 14.3 14.6 22.0#
71 28.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.520 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.361 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

Tgt Ion: 70 Resp: 22665
Ion Ratio Lower Upper
70 100
42 42.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

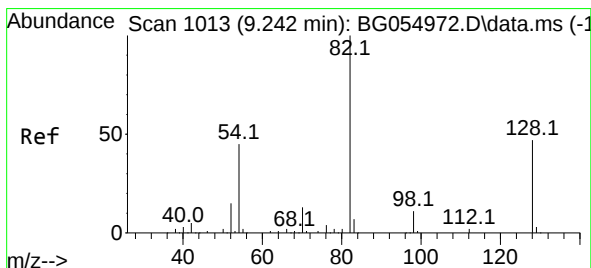
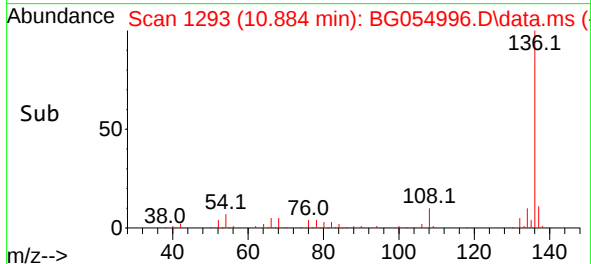
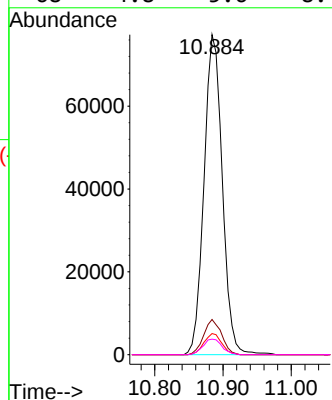
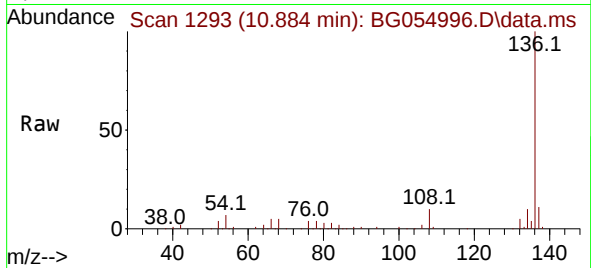




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

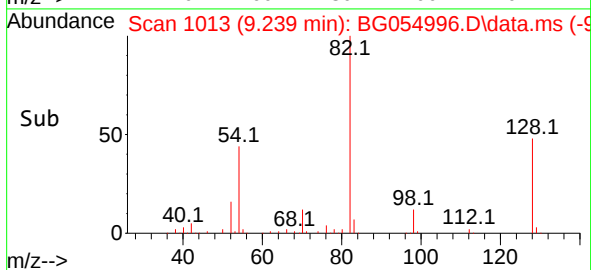
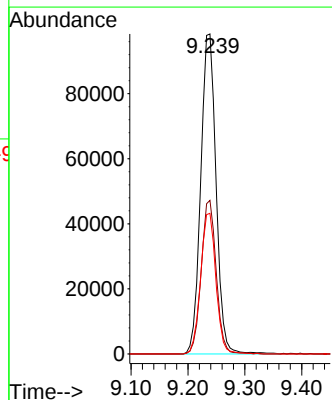
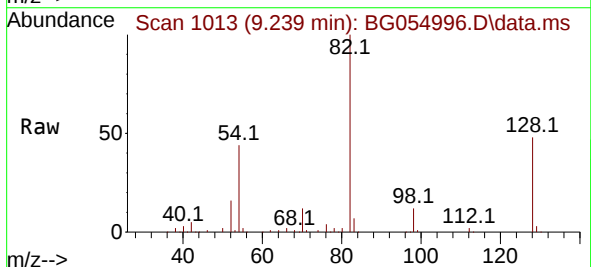
Instrument :
BNA_G
ClientSampleId :
SB-29-COMP

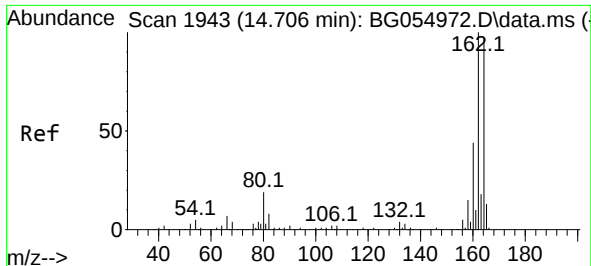
Tgt Ion:136 Resp: 144136
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.6 7.7 11.5#
68 4.8 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 74.132 ng
RT: 9.239 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

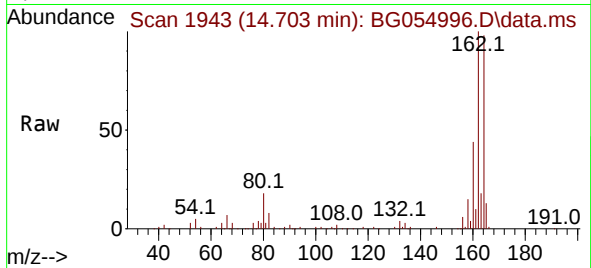
Tgt Ion: 82 Resp: 184347
Ion Ratio Lower Upper
82 100
128 48.0 32.2 48.2
54 44.0 41.4 62.0



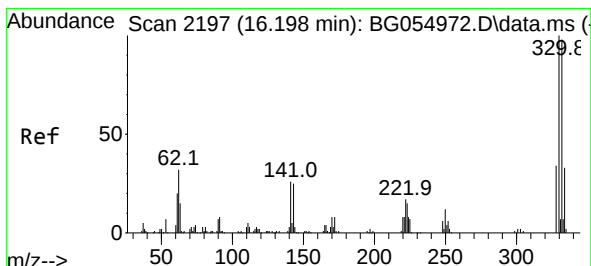
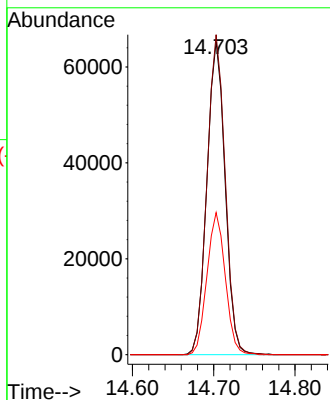
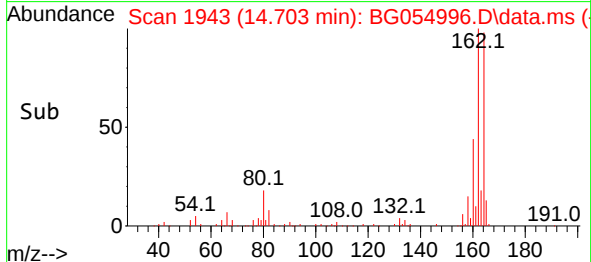


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

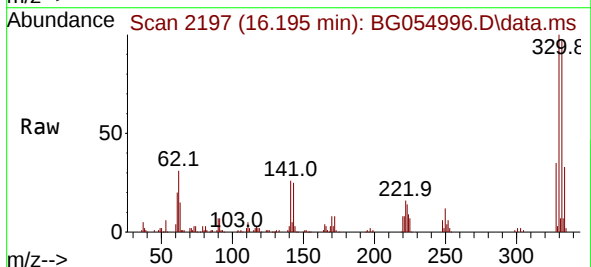
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ClientSampleId :
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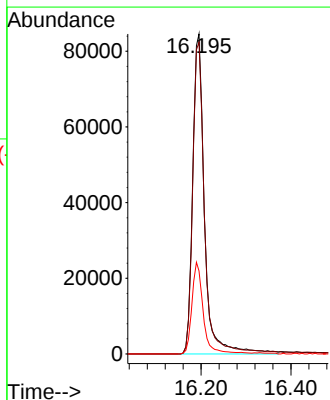
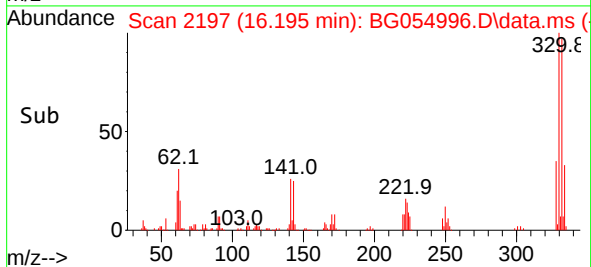
Tgt Ion:164 Resp: 101425
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.4
160 45.4 38.0 57.0

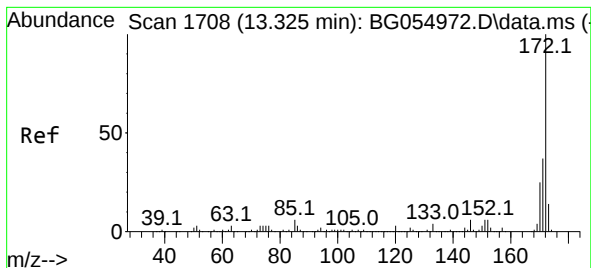


#42
2,4,6-Tribromophenol
Concen: 129.907 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34



Tgt Ion:330 Resp: 154354
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 27.6 26.8 40.2

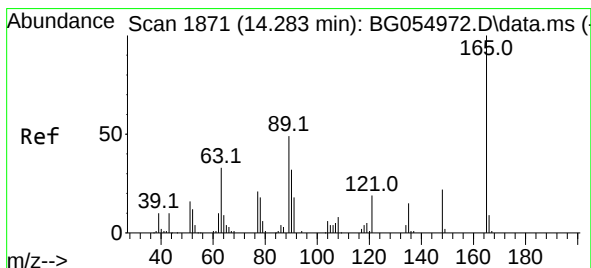
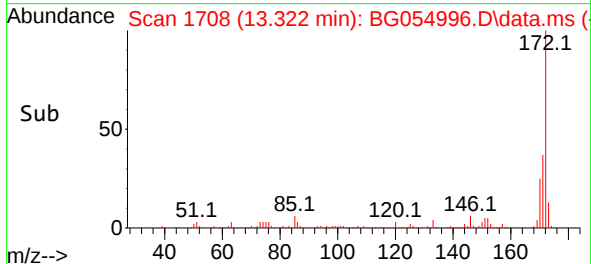
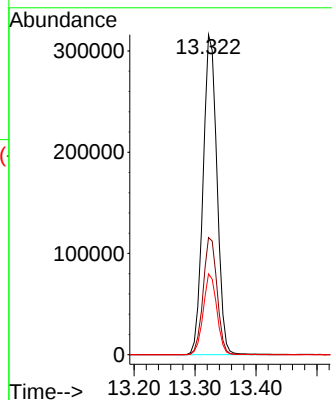
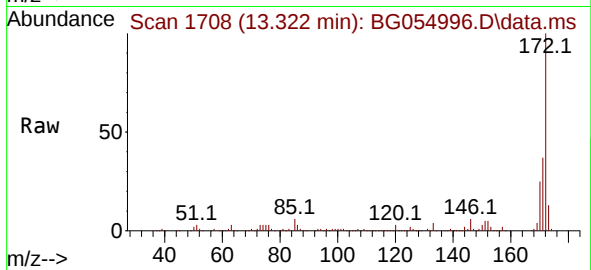




#45
2-Fluorobiphenyl
Concen: 77.995 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

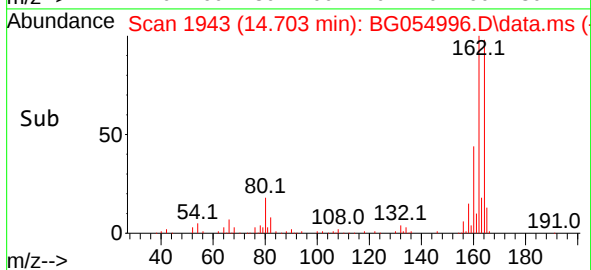
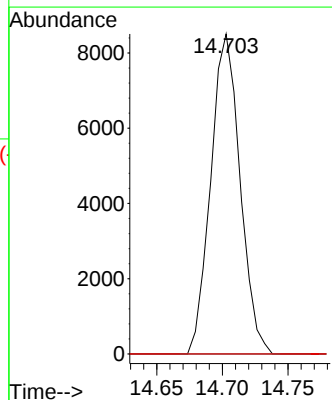
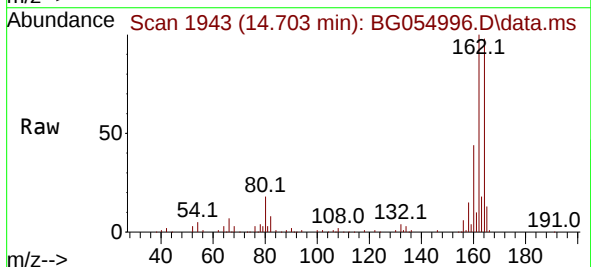
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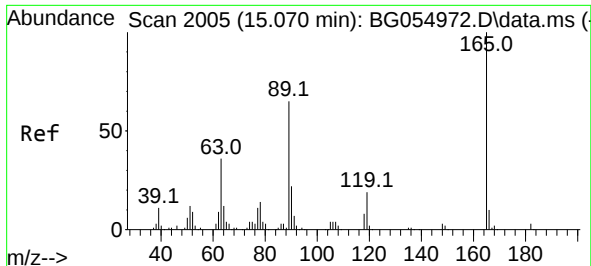
Tgt Ion:172 Resp: 501953
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 25.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

Tgt Ion:165 Resp: 13198
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

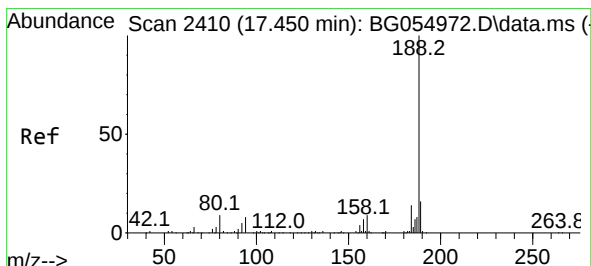
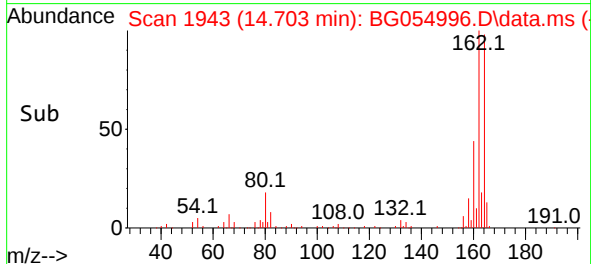
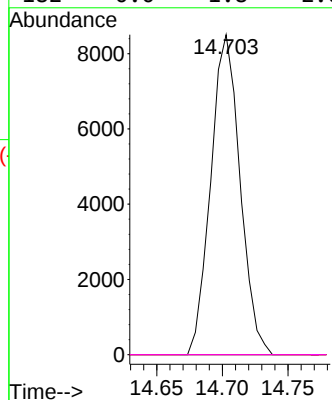
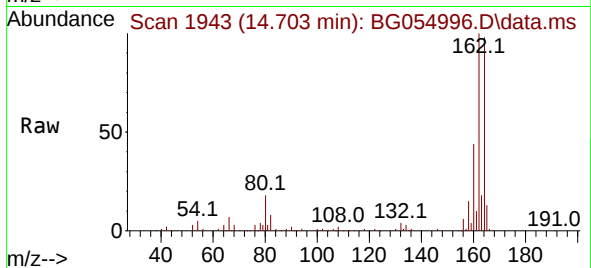




#57
2,4-Dinitrotoluene
Concen: 5.682 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.367 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

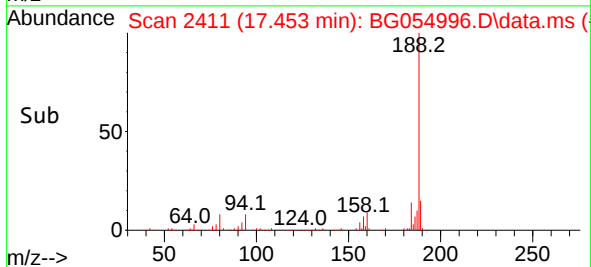
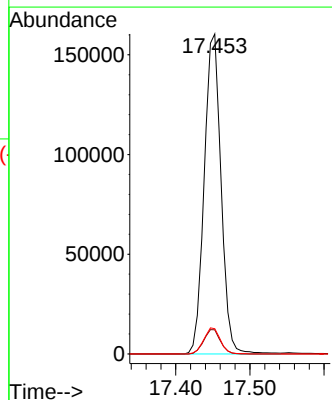
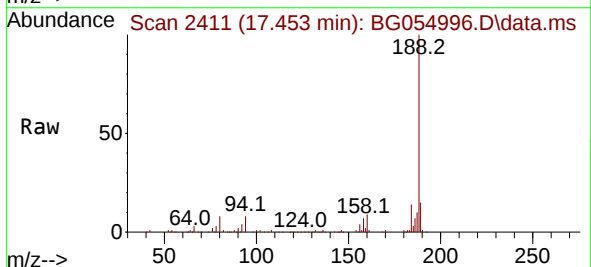
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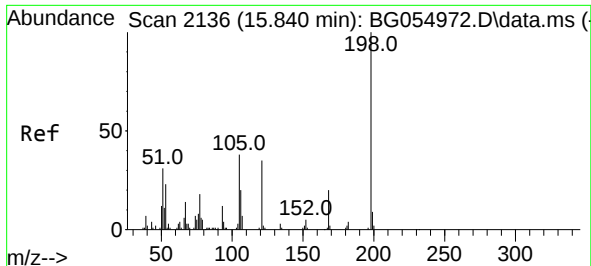
Tgt Ion:165 Resp: 13198
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2411
Delta R.T. 0.003 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

Tgt Ion:188 Resp: 253409
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 7.9 7.9 11.9

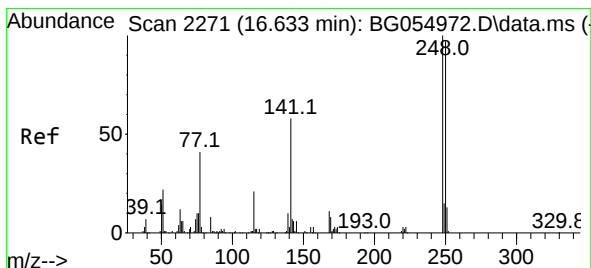
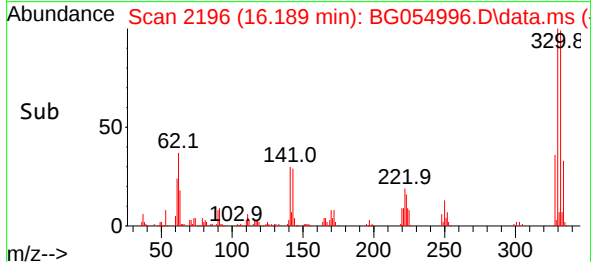
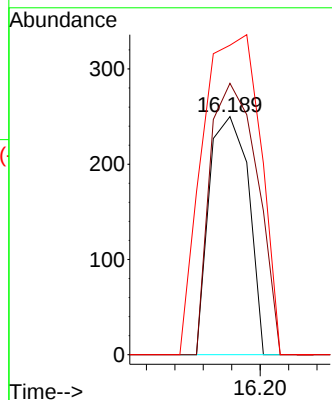
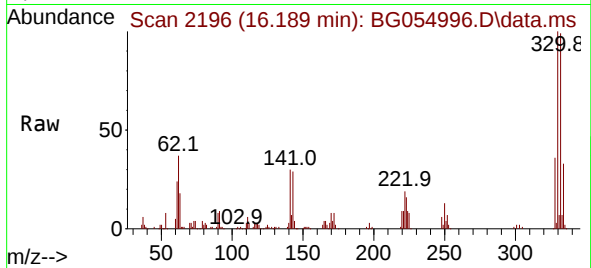




#65
4,6-Dinitro-2-methylphenol
Concen: 5.155 ng
RT: 16.189 min Scan# 2136
Delta R.T. 0.349 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

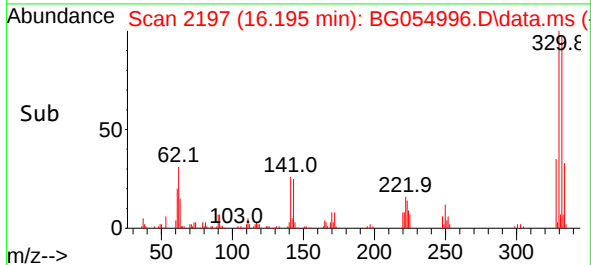
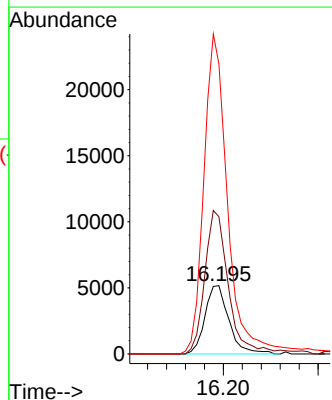
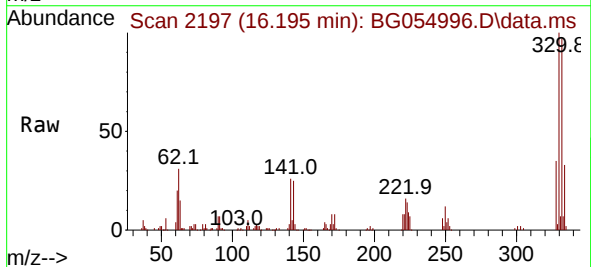
Instrument :
BNA_G
ClientSampleId :
SB-29-COMP

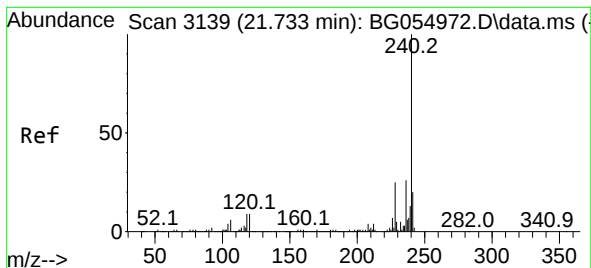
Tgt Ion:198 Resp: 239
Ion Ratio Lower Upper
198 100
51 114.0 19.9 59.9#
105 130.0 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.233 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.438 min
Lab File: BG054996.D
Acq: 21 Sep 2022 16:34

Tgt Ion:248 Resp: 9034
Ion Ratio Lower Upper
248 100
250 201.2 78.8 118.2#
141 424.9 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.724 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054996.D

Acq: 21 Sep 2022 16:34

Instrument :

BNA_G

ClientSampleId :

SB-29-COMP

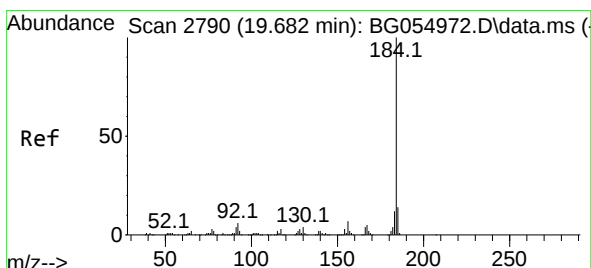
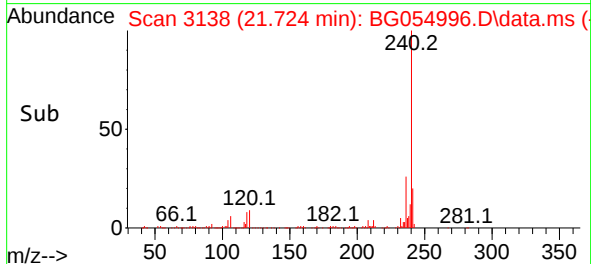
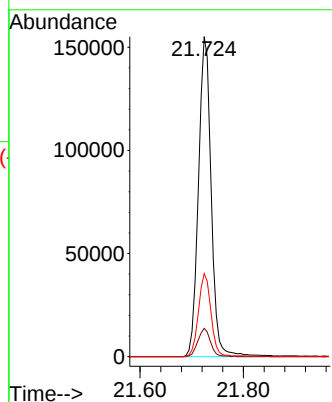
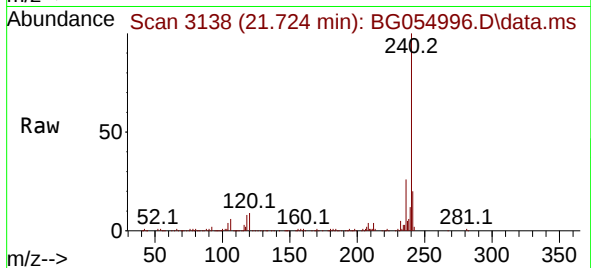
Tgt Ion:240 Resp: 265128

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.4

236 26.0 21.2 31.8



#77

Benzidine

Concen: 2.088 ng

RT: 20.050 min Scan# 2853

Delta R.T. 0.367 min

Lab File: BG054996.D

Acq: 21 Sep 2022 16:34

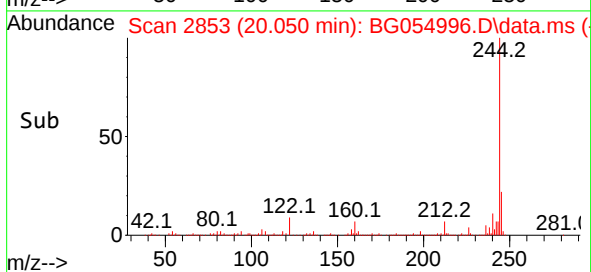
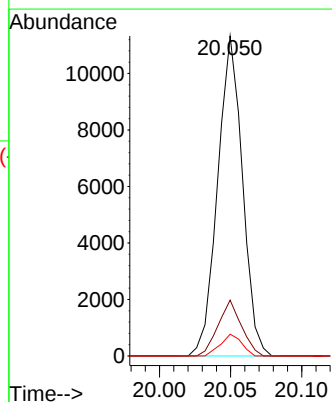
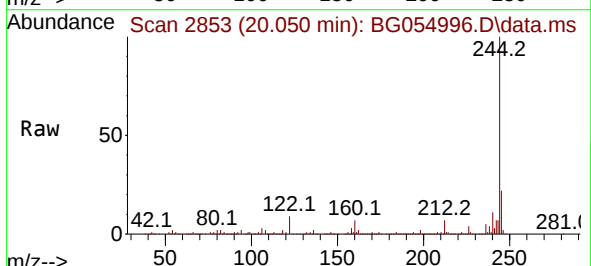
Tgt Ion:184 Resp: 13716

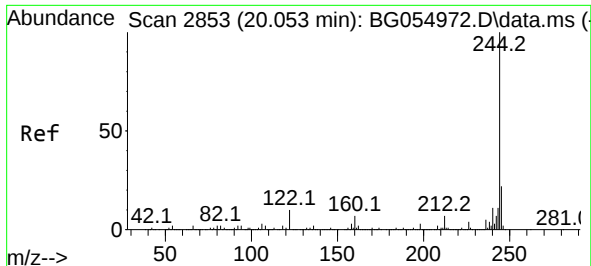
Ion Ratio Lower Upper

184 100

185 17.5 11.4 17.0#

183 6.8 9.8 14.8#

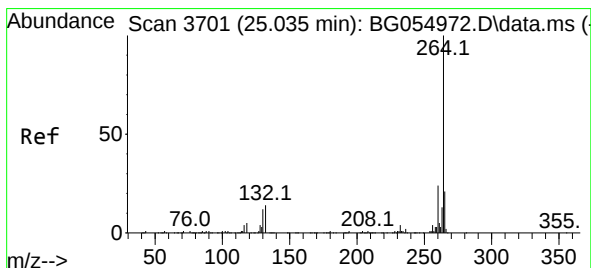
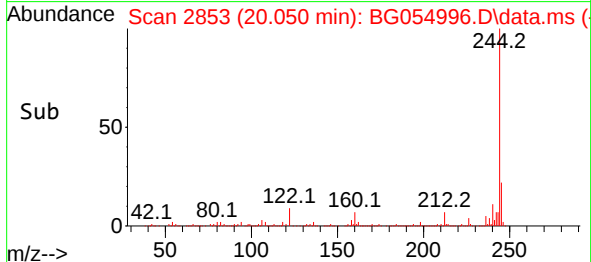
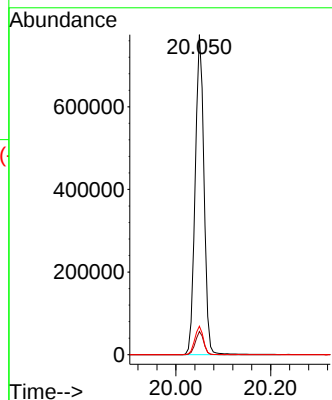
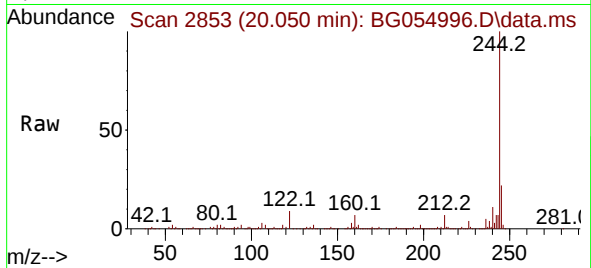




#79
 Terphenyl-d14
 Concen: 79.004 ng
 RT: 20.050 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054996.D
 Acq: 21 Sep 2022 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-29-COMP

Tgt Ion:244 Resp: 1001342
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.9 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.032 min Scan# 3701
 Delta R.T. -0.003 min
 Lab File: BG054996.D
 Acq: 21 Sep 2022 16:34

Tgt Ion:264 Resp: 277135
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.9 29.9
 265 21.0 16.9 25.3

