

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055553.D
 Acq On : 11 Nov 2022 00:24
 Operator : CG/JU
 Sample : N5360-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221113-COMP-12

Quant Time: Nov 11 02:04:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

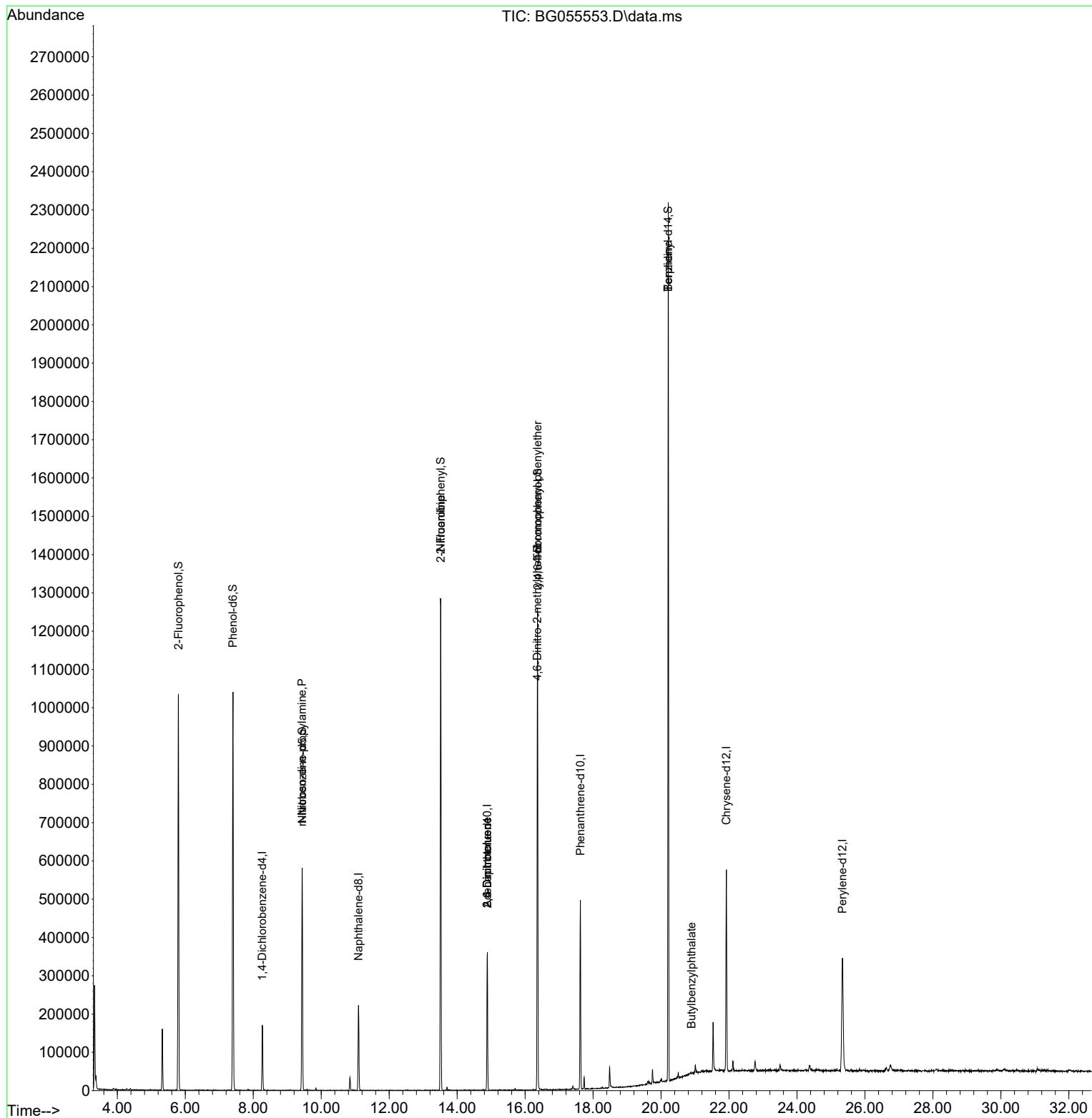
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	47914	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	187779	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	128111	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	305802	20.000	ng	0.00
76) Chrysene-d12	21.920	240	320969	20.000	ng	-0.01
86) Perylene-d12	25.340	264	340335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	441726	175.599	ng	0.00
7) Phenol-d6	7.402	99	559062	160.891	ng	0.00
23) Nitrobenzene-d5	9.441	82	335750	121.212	ng	0.00
42) 2,4,6-Tribromophenol	16.368	330	243174	194.542	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	691505	81.419	ng	0.00
79) Terphenyl-d14	20.210	244	1125512	70.432	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.435	70	44871	15.625	ng	# 81
48) 2-Nitroaniline	13.518	65	1362	4.460	ng	# 1
51) 2,6-Dinitrotoluene	14.887	165	17428	12.668	ng	# 22
57) 2,4-Dinitrotoluene	14.887	165	17428	10.751	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.356	198	765	2.933	ng	# 1
67) 4-Bromophenyl-phenylether	16.362	248	16063	5.149	ng	# 1
77) Benzidine	20.210	184	17845	2.055	ng	# 93
80) Butylbenzylphthalate	20.898	149	602	3.432	ng	# 86

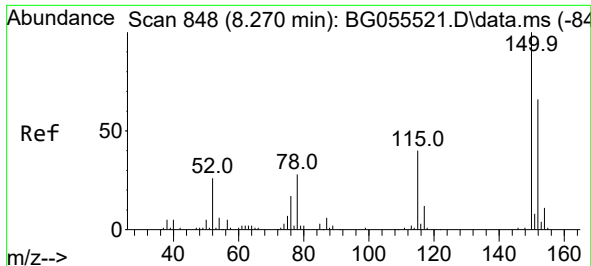
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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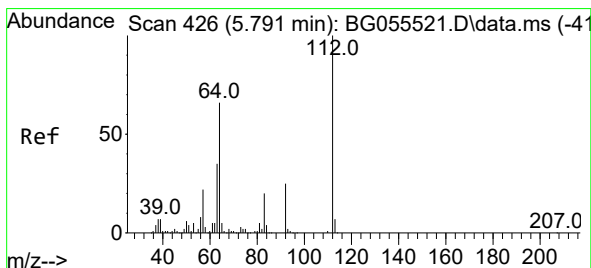
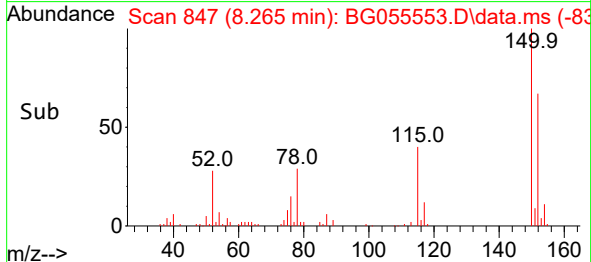
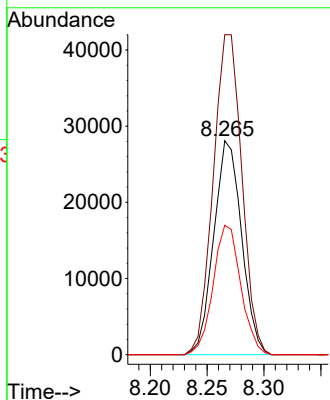
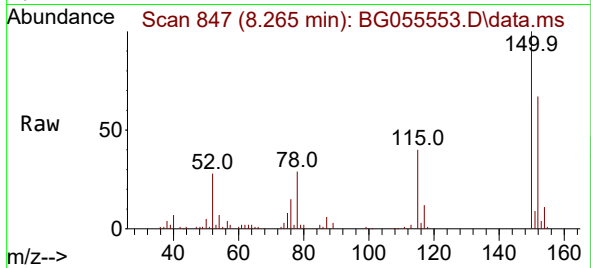




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

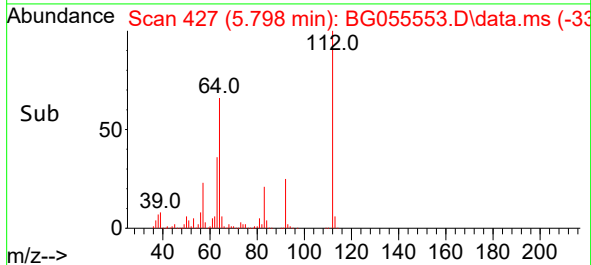
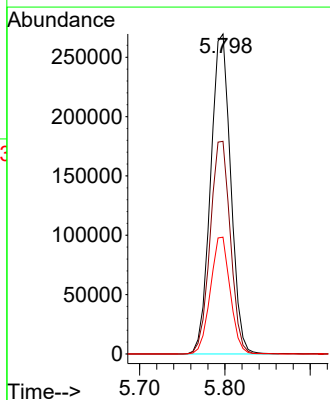
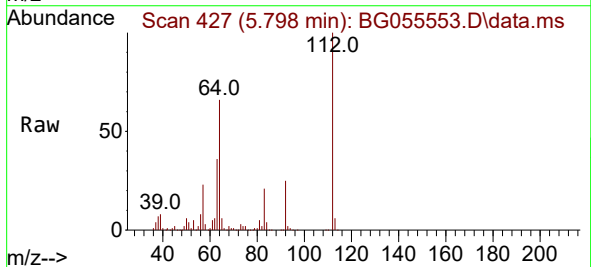
Instrument :
BNA_G
ClientSampleId :
20221113-COMP-12

Tgt Ion:152 Resp: 47914
Ion Ratio Lower Upper
152 100
150 149.5 121.0 181.4
115 60.5 47.8 71.8



#5
2-Fluorophenol
Concen: 175.599 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion:112 Resp: 441726
Ion Ratio Lower Upper
112 100
64 66.4 52.6 78.8
63 36.5 28.3 42.5

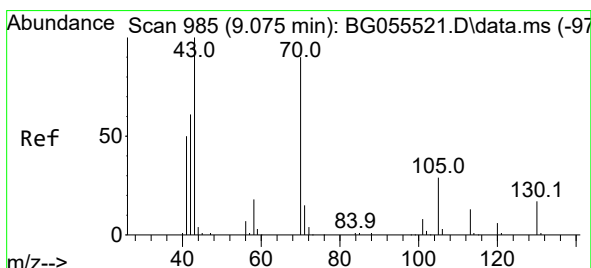
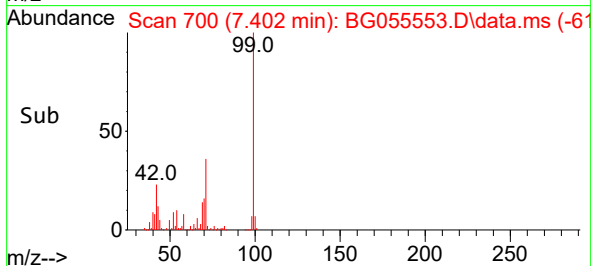
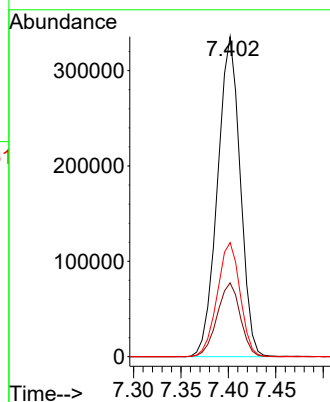
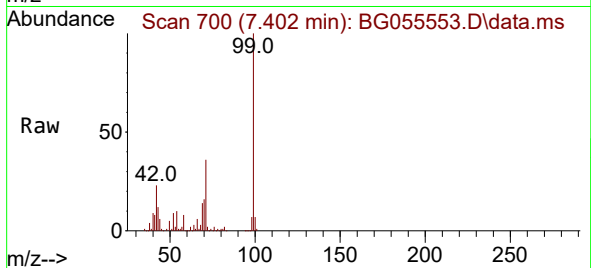




#7
Phenol-d6
Concen: 160.891 ng
RT: 7.402 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

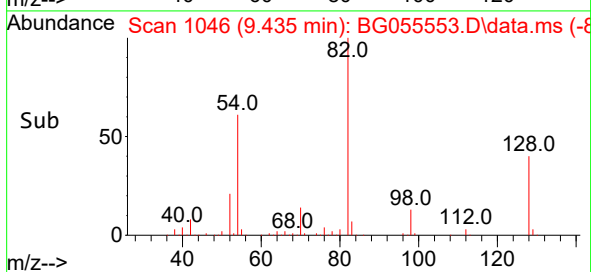
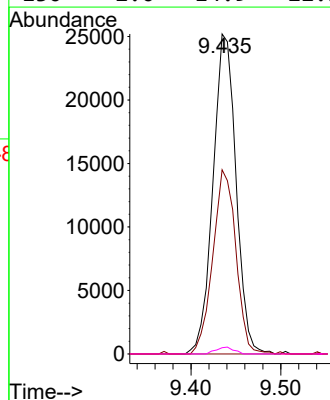
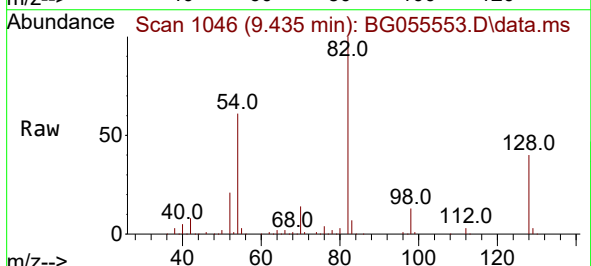
Instrument :
BNA_G
ClientSampleId :
20221113-COMP-12

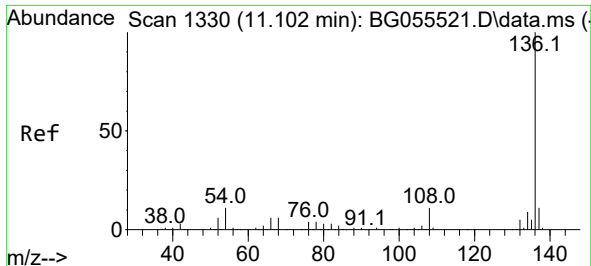
Tgt Ion: 99 Resp: 559062
Ion Ratio Lower Upper
99 100
42 23.0 17.5 26.3
71 35.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.625 ng
RT: 9.435 min Scan# 1046
Delta R.T. 0.360 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion: 70 Resp: 44871
Ion Ratio Lower Upper
70 100
42 57.6 54.8 82.2
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

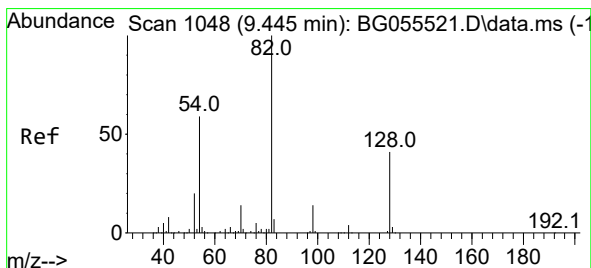
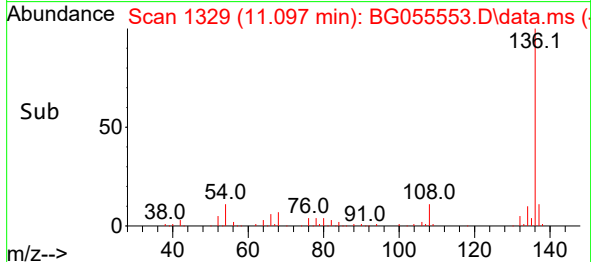
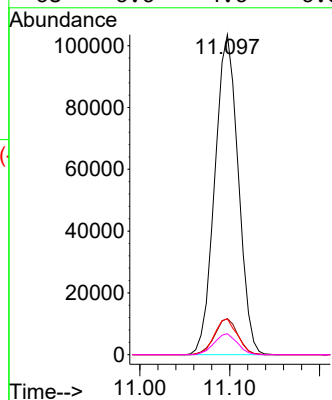
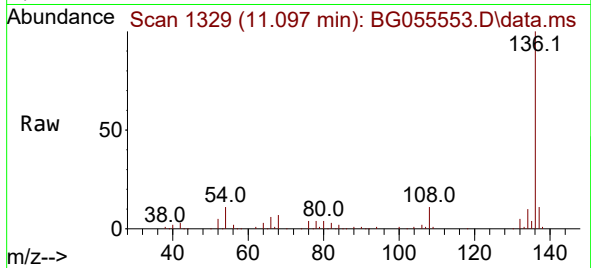




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

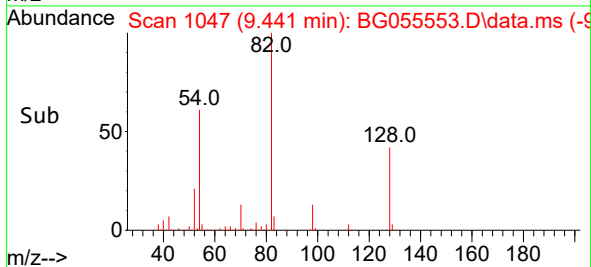
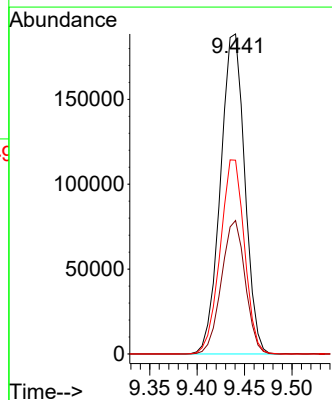
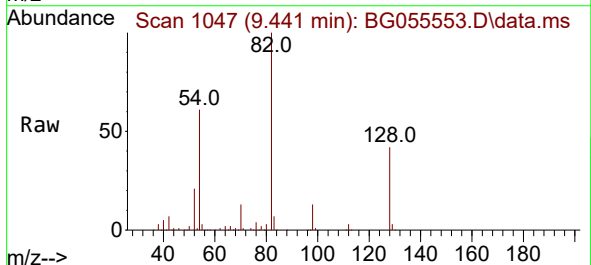
Instrument :
BNA_G
ClientSampleId :
20221113-COMP-12

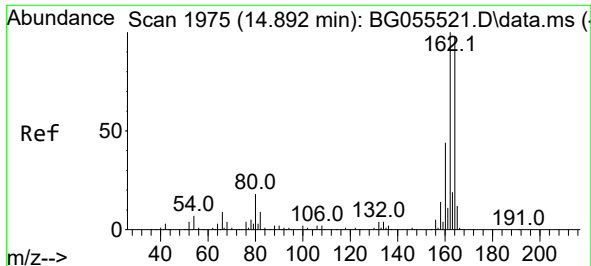
Tgt Ion:136 Resp: 187779
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 11.2 8.6 12.8
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 121.212 ng
RT: 9.441 min Scan# 1047
Delta R.T. -0.004 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion: 82 Resp: 335750
Ion Ratio Lower Upper
82 100
128 41.7 32.6 49.0
54 60.5 47.3 70.9

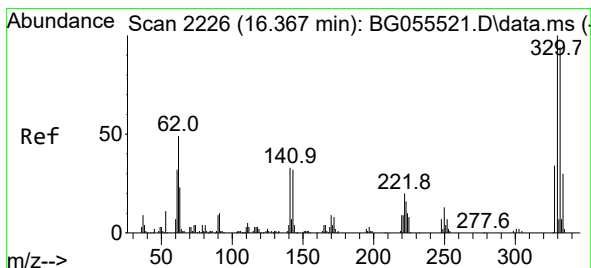
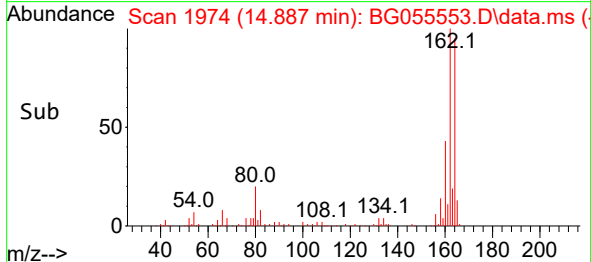
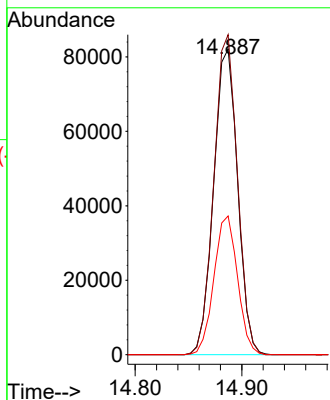
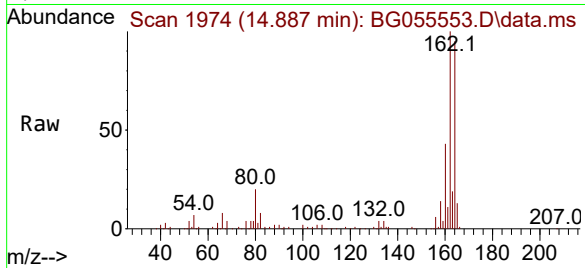




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

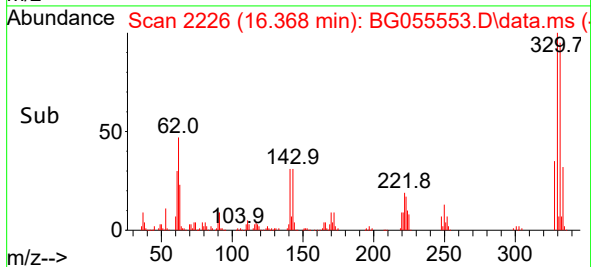
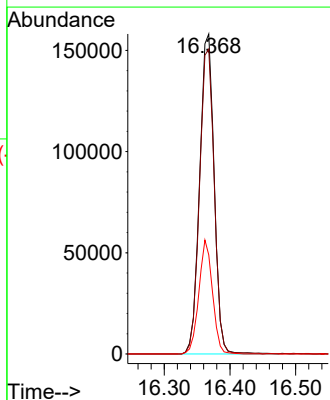
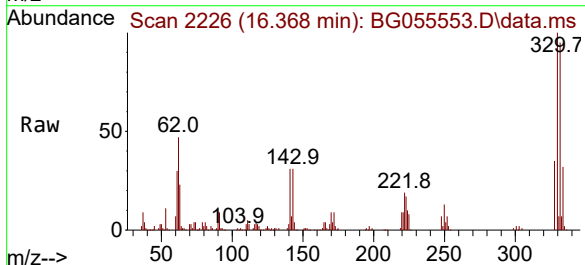
Instrument :
BNA_G
ClientSampleId :
20221113-COMP-12

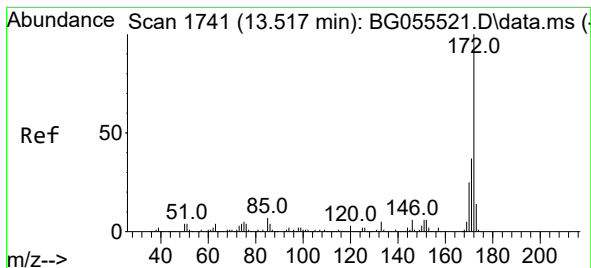
Tgt Ion:164 Resp: 128111
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 45.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 194.542 ng
RT: 16.368 min Scan# 2226
Delta R.T. 0.001 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion:330 Resp: 243174
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 33.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 81.419 ng

RT: 13.512 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055553.D

Acq: 11 Nov 2022 00:24

Instrument :

BNA_G

ClientSampleId :

20221113-COMP-12

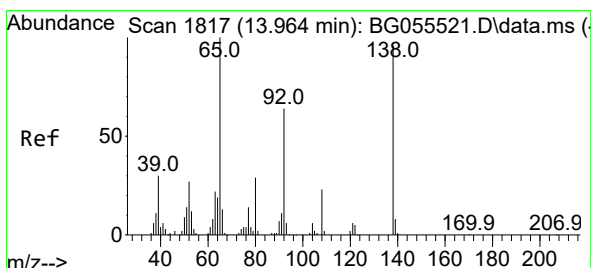
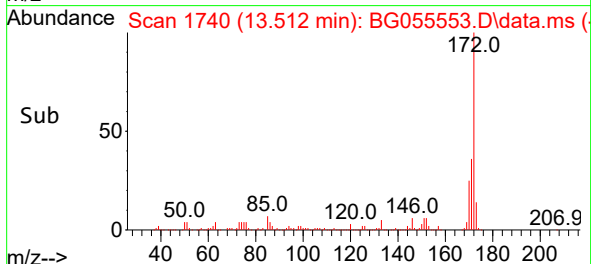
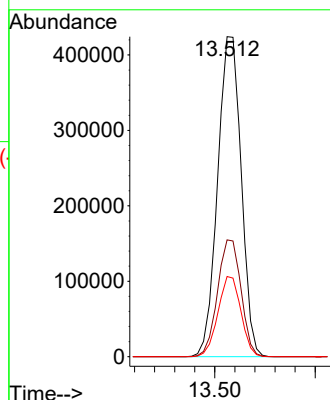
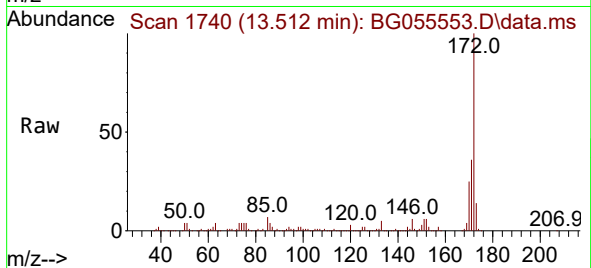
Tgt Ion:172 Resp: 691505

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

170 25.1 19.8 29.6



#48

2-Nitroaniline

Concen: 4.460 ng

RT: 13.518 min Scan# 1741

Delta R.T. -0.446 min

Lab File: BG055553.D

Acq: 11 Nov 2022 00:24

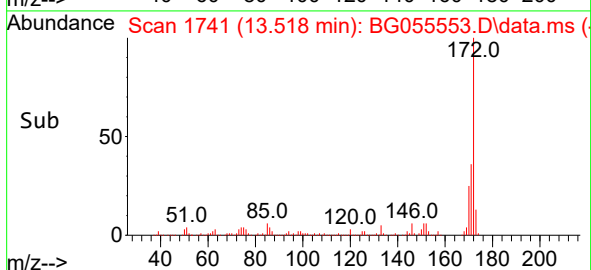
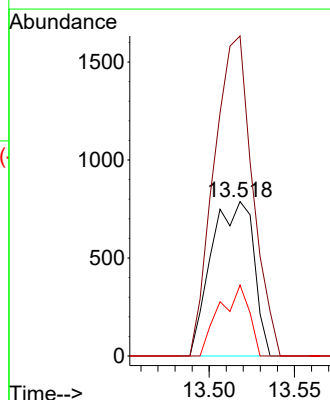
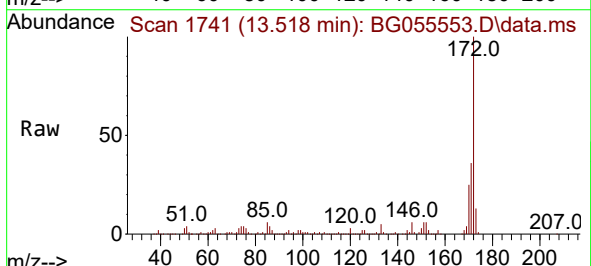
Tgt Ion: 65 Resp: 1362

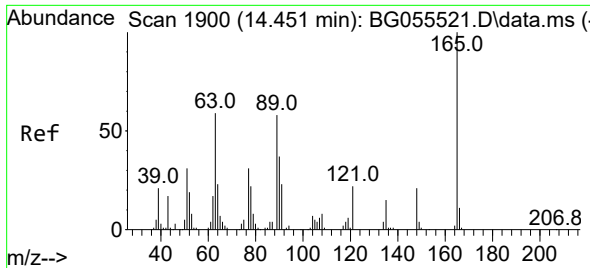
Ion Ratio Lower Upper

65 100

92 207.2 51.6 77.4#

138 45.9 77.0 115.4#

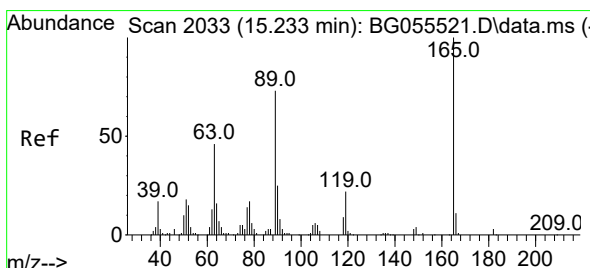
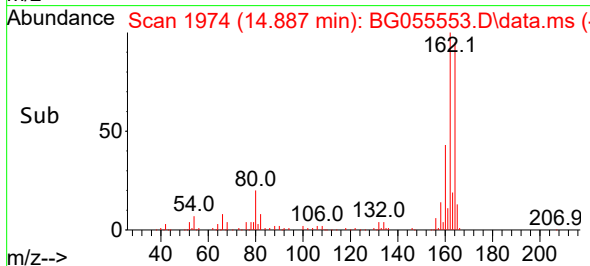
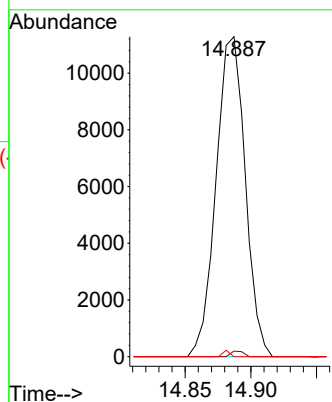
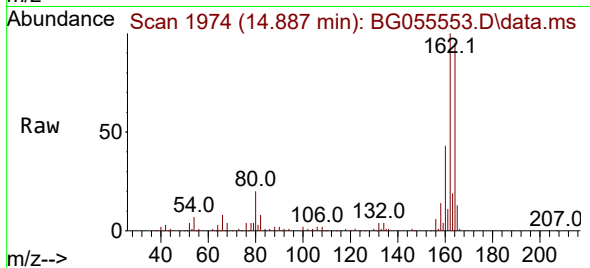




#51
2,6-Dinitrotoluene
Concen: 12.668 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

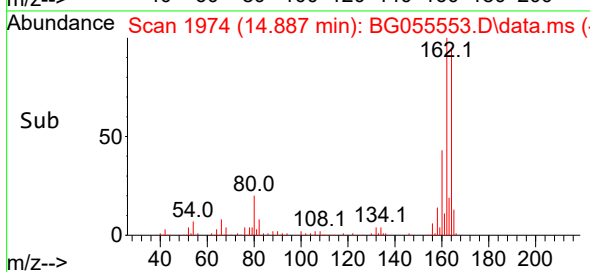
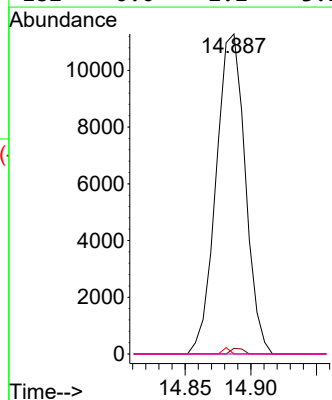
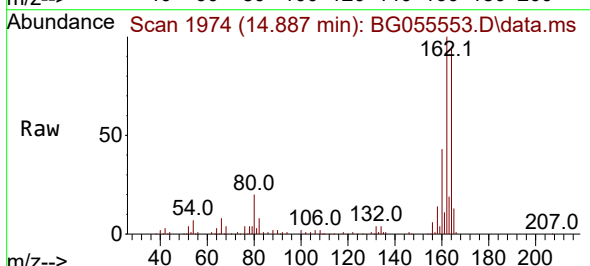
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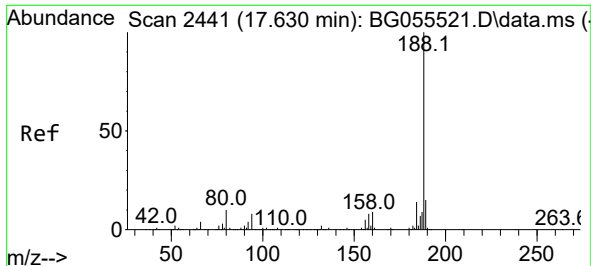
Tgt Ion:165 Resp: 17428
Ion Ratio Lower Upper
165 100
63 1.8 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.751 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion:165 Resp: 17428
Ion Ratio Lower Upper
165 100
63 1.8 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#

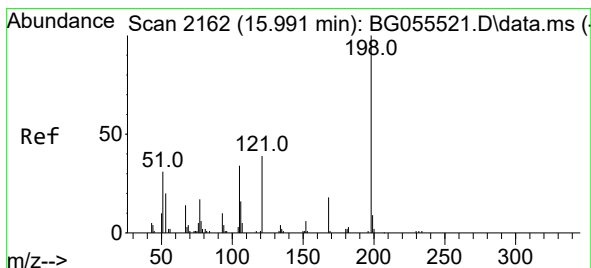
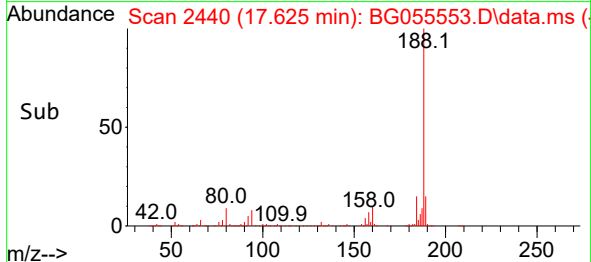
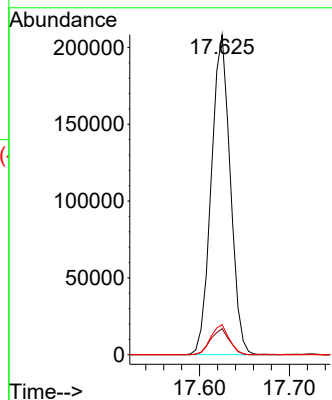
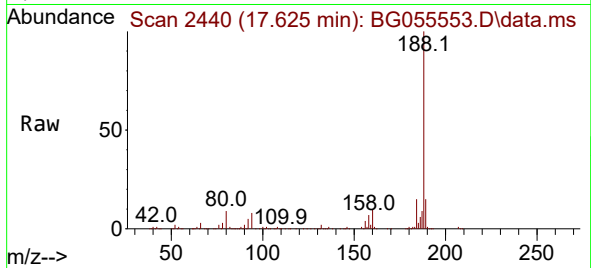




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

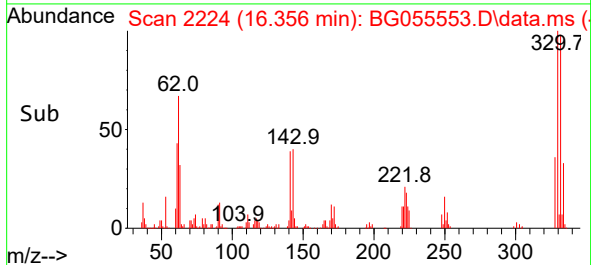
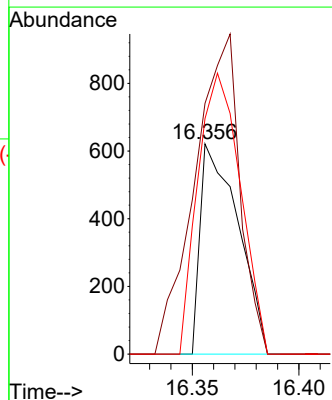
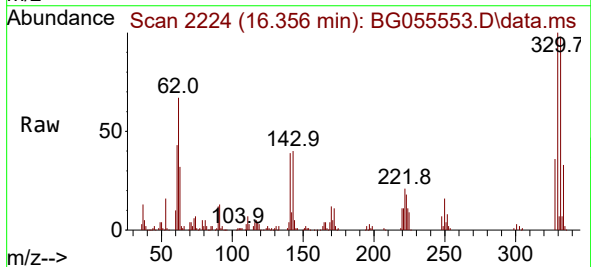
Instrument :
BNA_G
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20221113-COMP-12

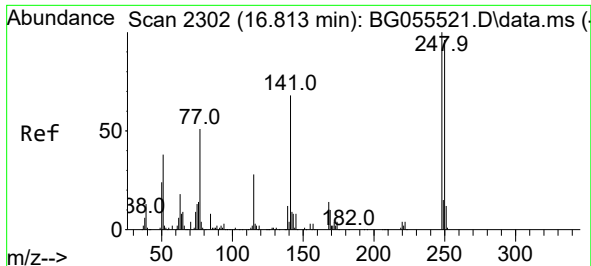
Tgt Ion:188 Resp: 305802
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.4 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.933 ng
RT: 16.356 min Scan# 2224
Delta R.T. 0.365 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion:198 Resp: 765
Ion Ratio Lower Upper
198 100
51 119.3 24.7 64.7#
105 112.1 17.6 57.6#

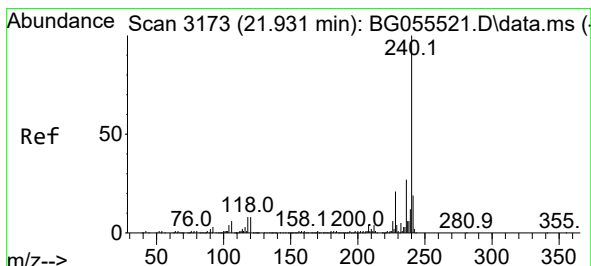
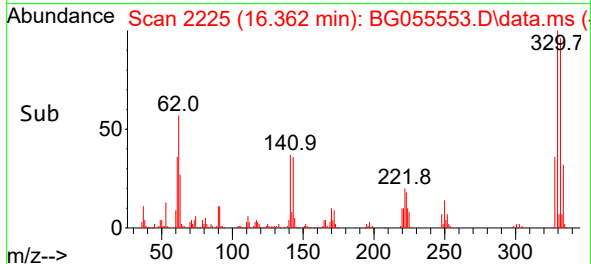
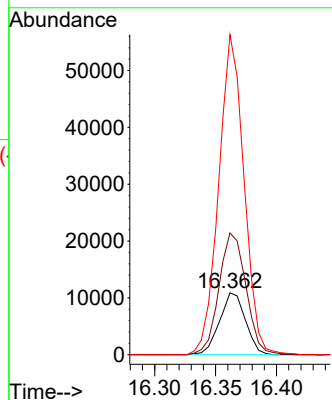
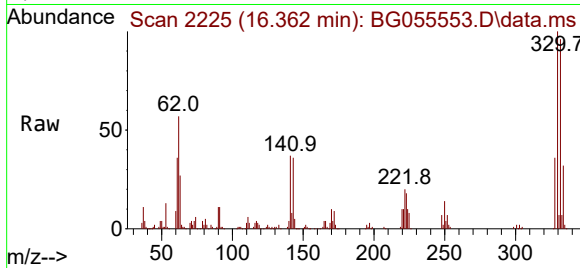




#67
4-Bromophenyl-phenylether
Concen: 5.149 ng
RT: 16.362 min Scan# 211
Delta R.T. -0.451 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

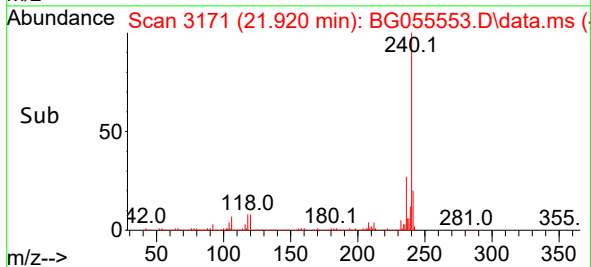
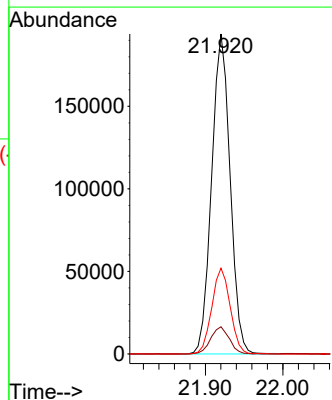
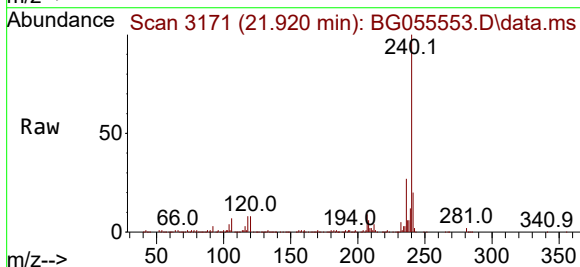
Instrument :
BNA_G
ClientSampleId :
20221113-COMP-12

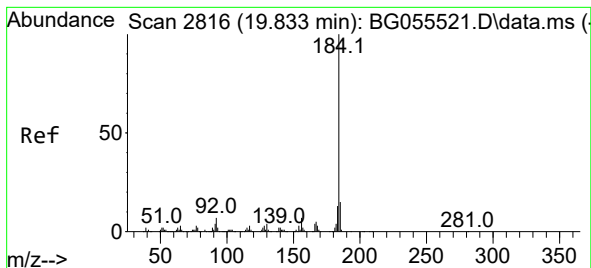
Tgt Ion:248 Resp: 16063
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 516.4 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion:240 Resp: 320969
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.8 21.4 32.0





#77

Benzidine

Concen: 2.055 ng

RT: 20.210 min Scan# 2880

Delta R.T. 0.377 min

Lab File: BG055553.D

Acq: 11 Nov 2022 00:24

Instrument :

BNA_G

ClientSampleId :

20221113-COMP-12

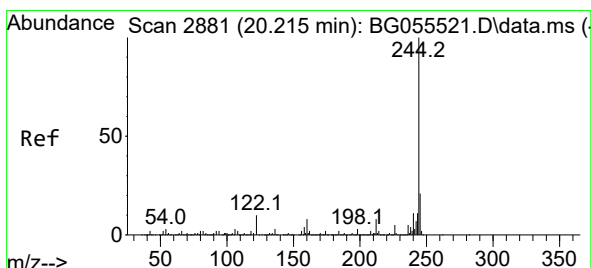
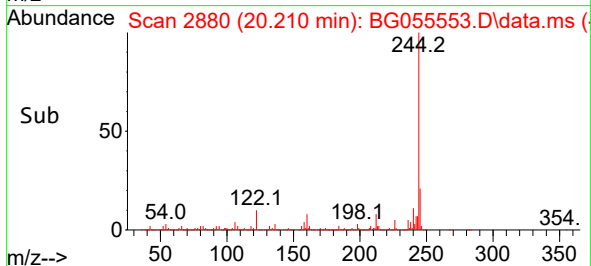
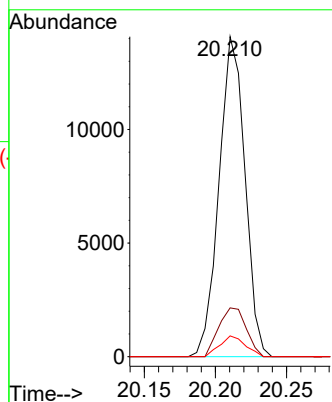
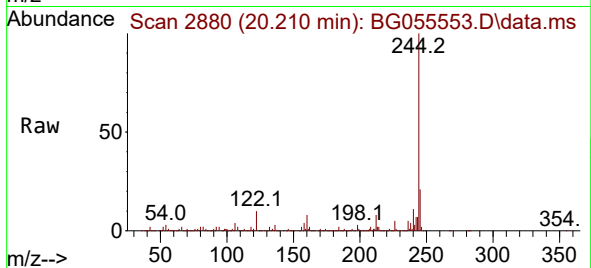
Tgt Ion:184 Resp: 17845

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 6.5 10.2 15.2#



#79

Terphenyl-d14

Concen: 70.432 ng

RT: 20.210 min Scan# 2880

Delta R.T. -0.005 min

Lab File: BG055553.D

Acq: 11 Nov 2022 00:24

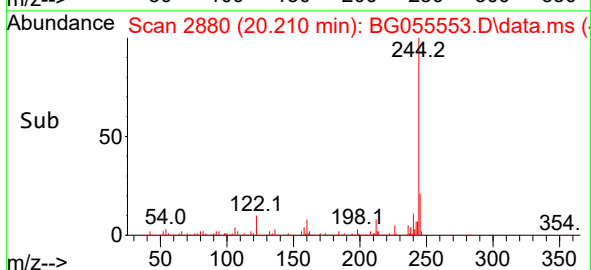
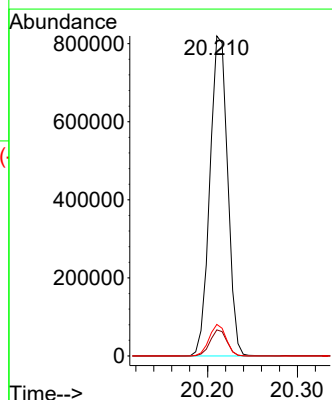
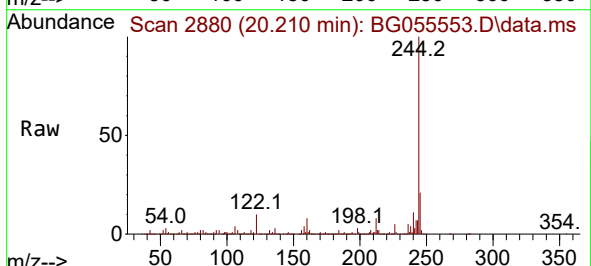
Tgt Ion:244 Resp: 1125512

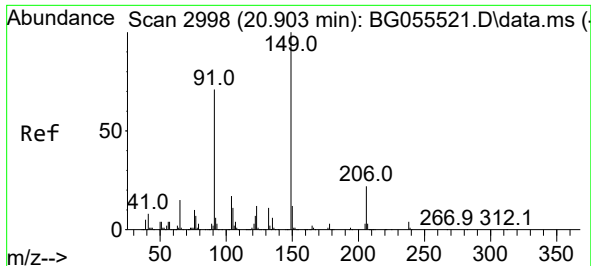
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.9 7.7 11.5

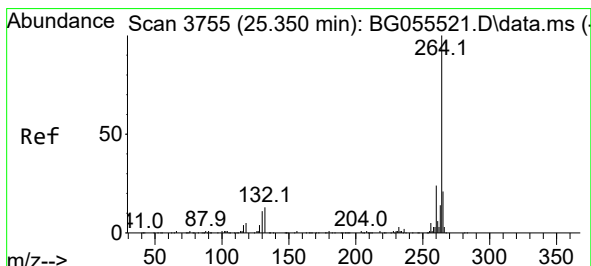
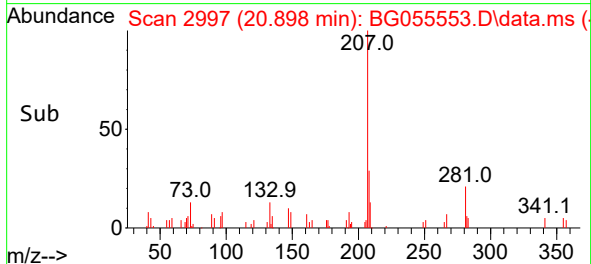
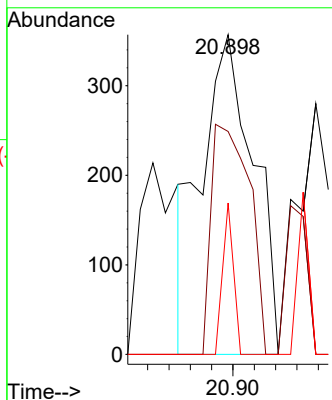
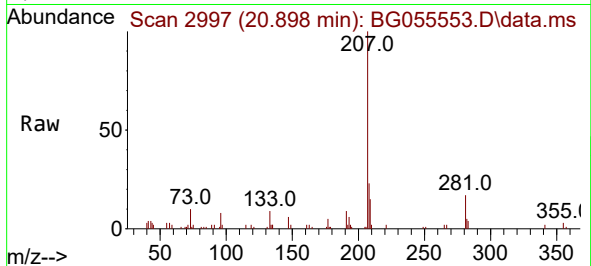




#80
Butylbenzylphthalate
Concen: 3.432 ng
RT: 20.898 min Scan# 2998
Delta R.T. -0.005 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Instrument :
BNA_G
ClientSampleId :
20221113-COMP-12

Tgt Ion:149 Resp: 602
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 47.3 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.340 min Scan# 3753
Delta R.T. -0.010 min
Lab File: BG055553.D
Acq: 11 Nov 2022 00:24

Tgt Ion:264 Resp: 340335
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.7 17.1 25.7

