

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055560.D
 Acq On : 11 Nov 2022 10:04
 Operator : CG/JU
 Sample : PB148898BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148898BL

Quant Time: Nov 11 16:30:19 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)

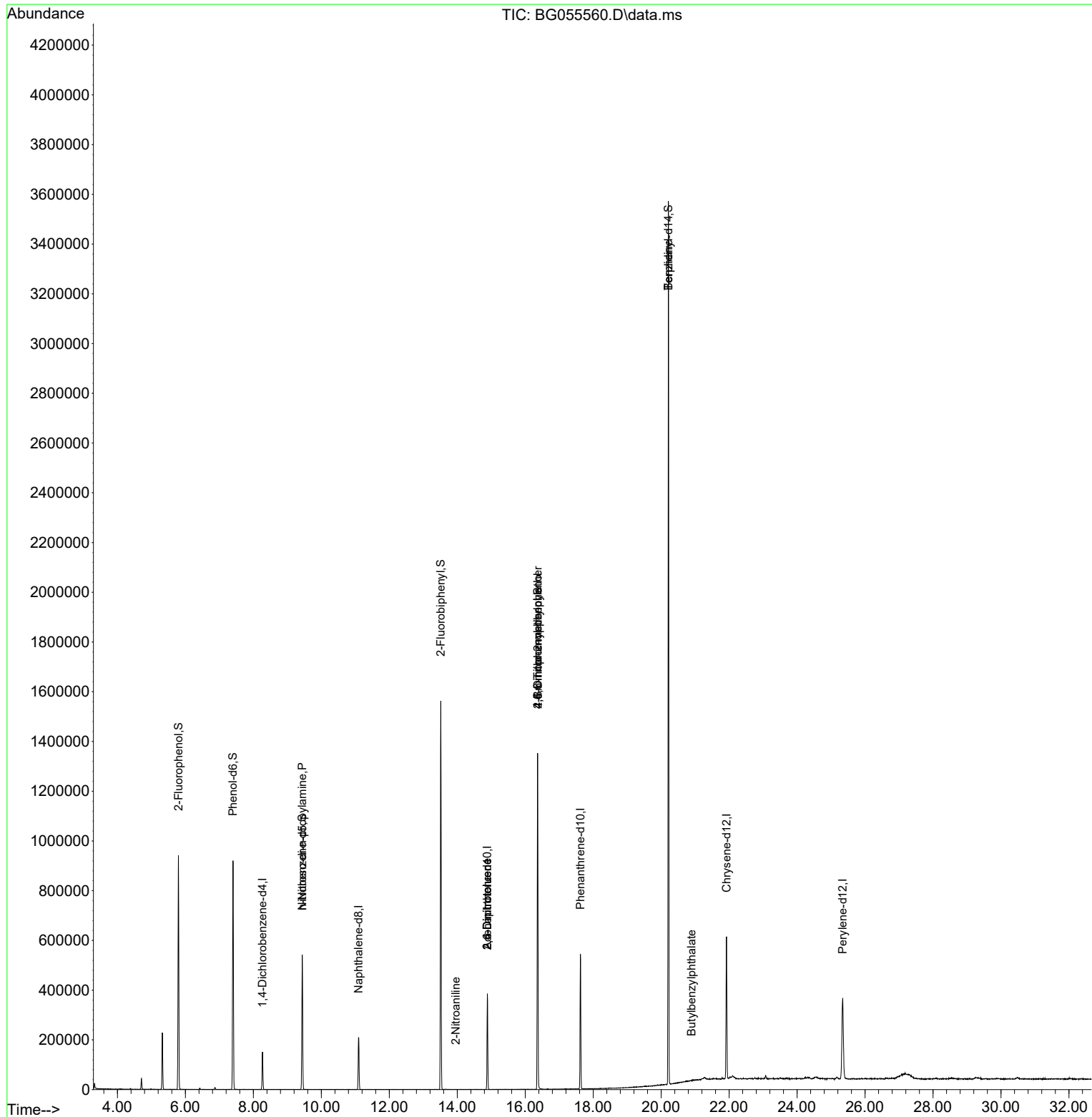
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	43760	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	177770	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	136449	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	357510	20.000	ng	0.00
76) Chrysene-d12	21.924	240	370974	20.000	ng	0.00
86) Perylene-d12	25.344	264	384910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	393328	171.202	ng	0.00
7) Phenol-d6	7.400	99	508206	160.139	ng	0.00
23) Nitrobenzene-d5	9.439	82	311219	118.682	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	282798	212.416	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	804463	88.931	ng	0.00
79) Terphenyl-d14	20.214	244	1743191	94.381	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.439	70	41947	15.994	ng	# 76
48) 2-Nitroaniline	13.957	65	55	3.812	ng	# 8
51) 2,6-Dinitrotoluene	14.885	165	17773	12.263	ng	# 21
57) 2,4-Dinitrotoluene	14.885	165	17773	10.448	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.366	198	781	2.801	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	18645	5.112	ng	# 1
77) Benzidine	20.214	184	28802	2.870	ng	# 92
80) Butylbenzylphthalate	20.890	149	446	3.408	ng	# 74

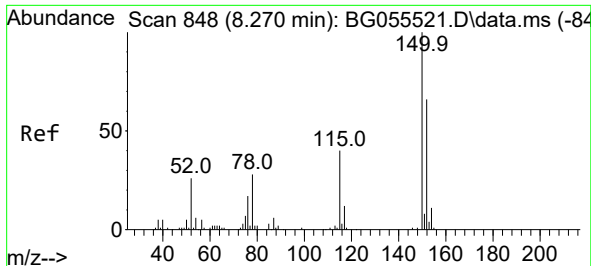
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
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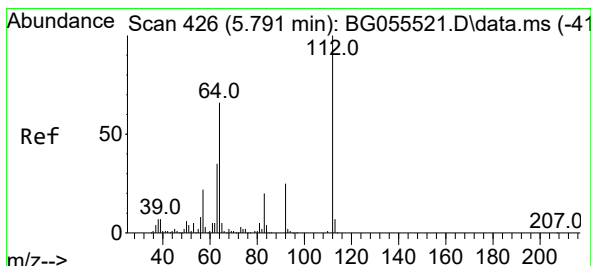
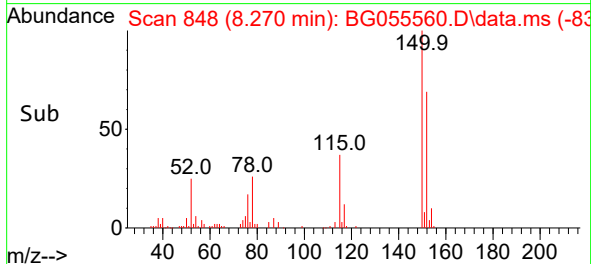
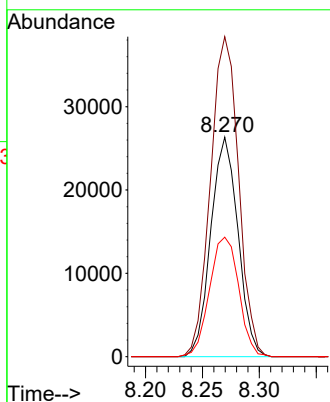
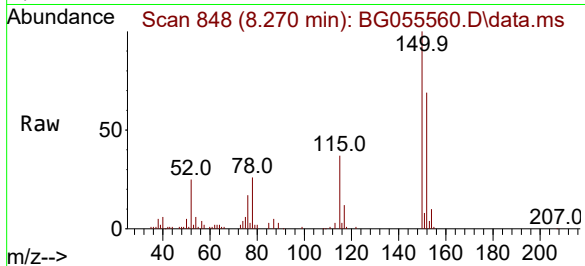




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

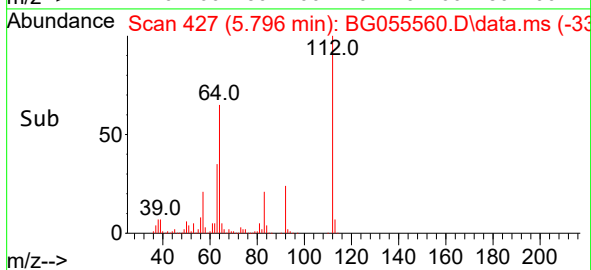
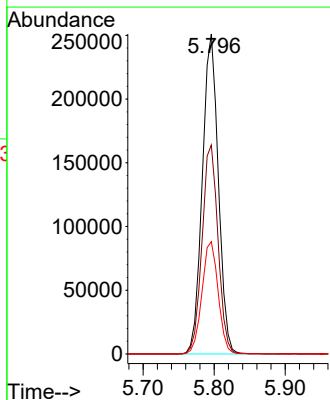
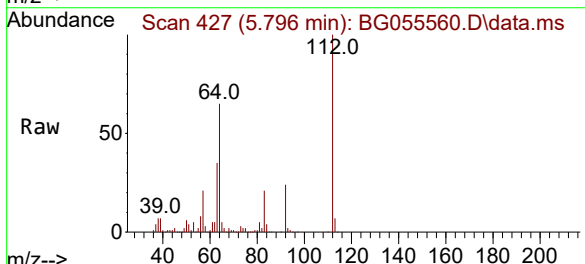
Instrument :
BNA_G
ClientSampleId :
PB148898BL

Tgt Ion:152 Resp: 43760
Ion Ratio Lower Upper
152 100
150 145.8 121.0 181.4
115 54.5 47.8 71.8



#5
2-Fluorophenol
Concen: 171.202 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion:112 Resp: 393328
Ion Ratio Lower Upper
112 100
64 65.3 52.6 78.8
63 35.1 28.3 42.5

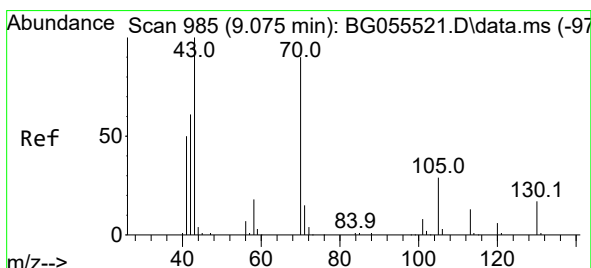
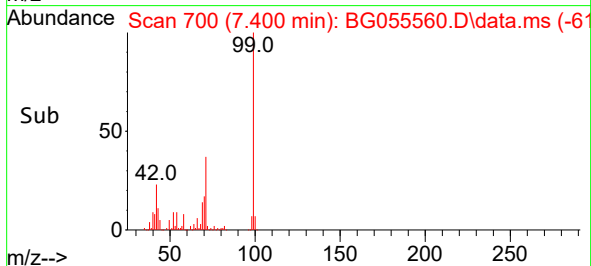
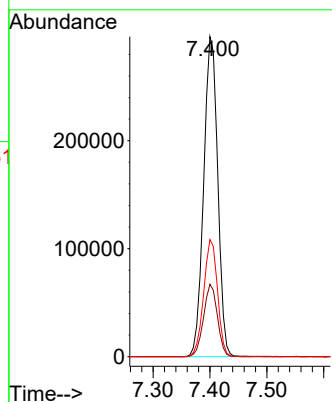
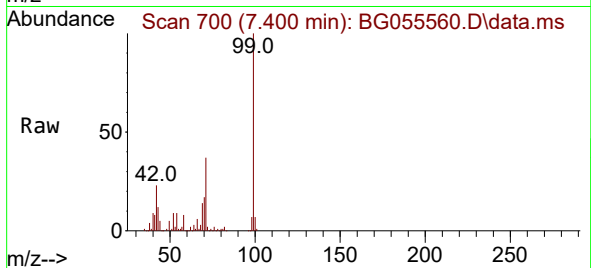




#7
Phenol-d6
Concen: 160.139 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

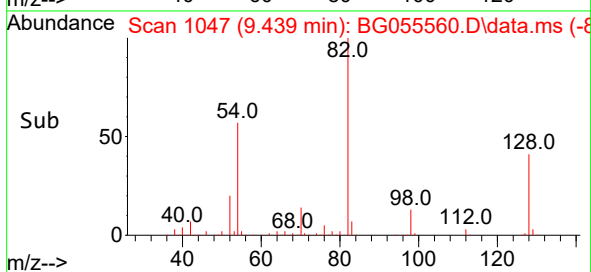
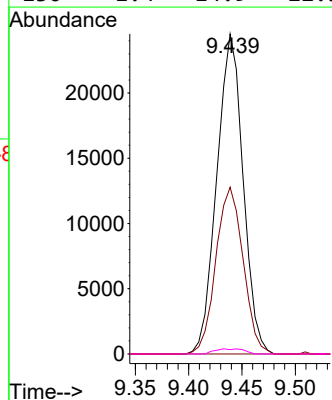
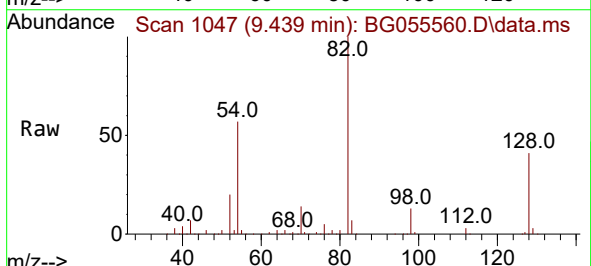
Instrument :
BNA_G
ClientSampleId :
PB148898BL

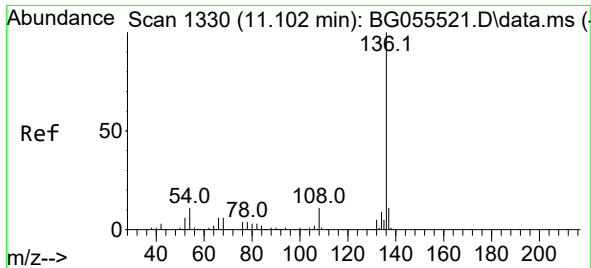
Tgt Ion: 99 Resp: 508206
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 36.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.994 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion: 70 Resp: 41947
Ion Ratio Lower Upper
70 100
42 52.1 54.8 82.2#
101 0.0 6.8 10.2#
130 1.4 14.9 22.3#

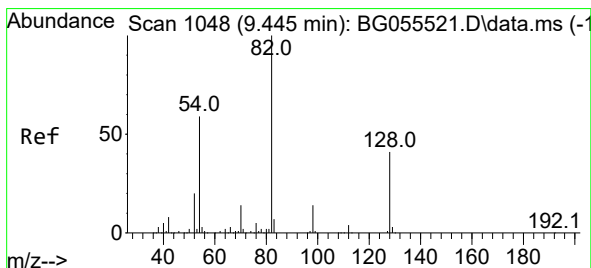
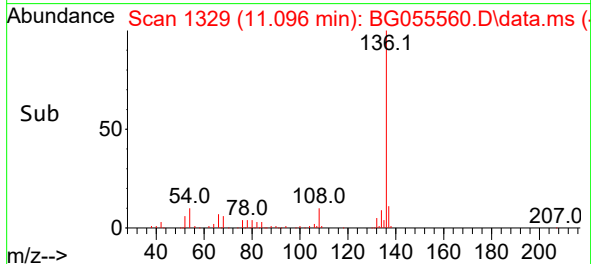
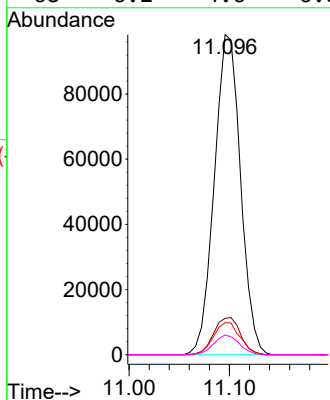
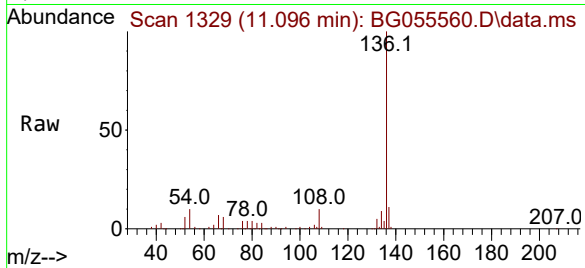




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

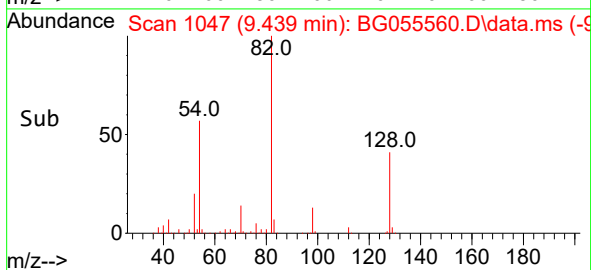
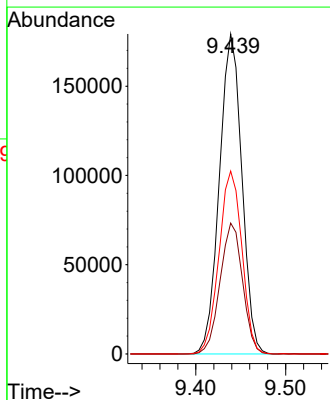
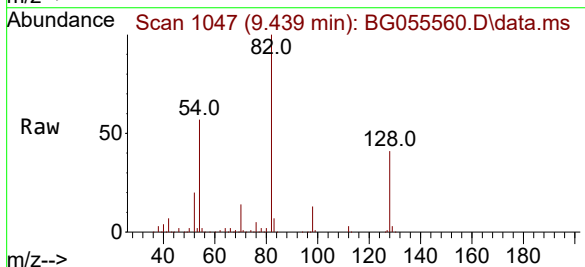
Instrument :
BNA_G
ClientSampleId :
PB148898BL

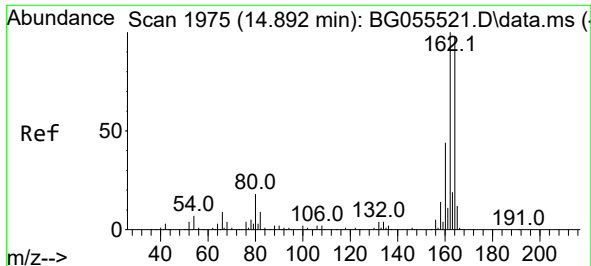
Tgt Ion:136 Resp: 177770
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.0 8.6 12.8
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 118.682 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion: 82 Resp: 311219
Ion Ratio Lower Upper
82 100
128 40.9 32.6 49.0
54 57.1 47.3 70.9

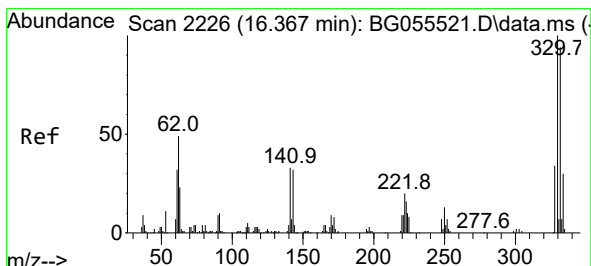
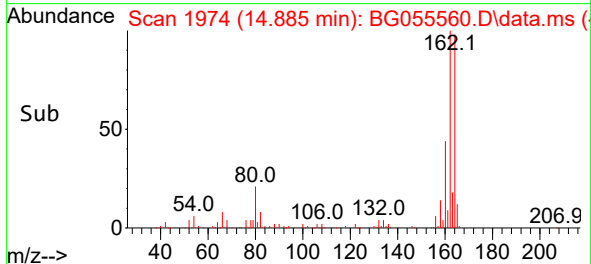
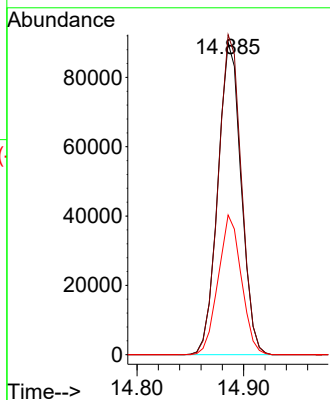
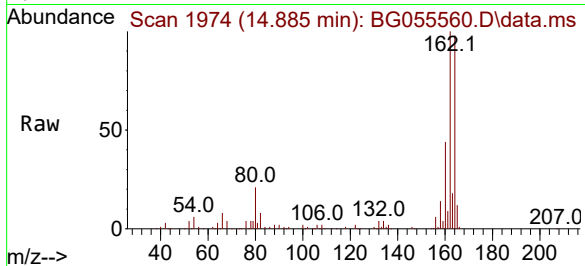




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

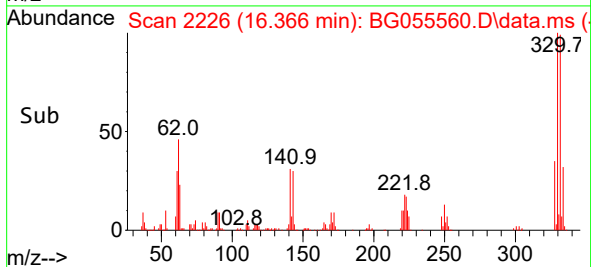
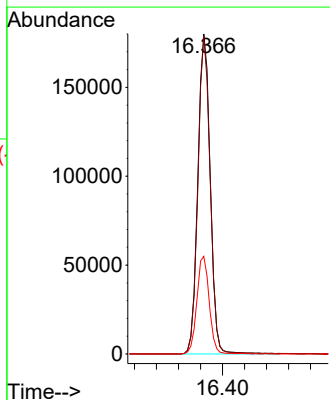
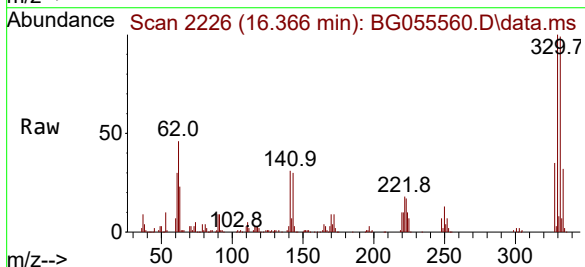
Instrument :
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ClientSampleId :
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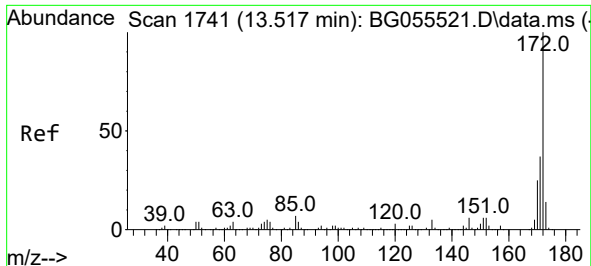
Tgt Ion:164 Resp: 136449
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 212.416 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion:330 Resp: 282798
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 30.2 25.4 38.2

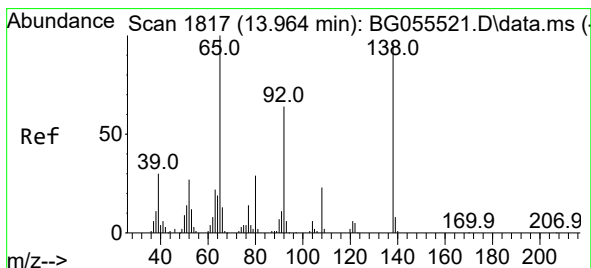
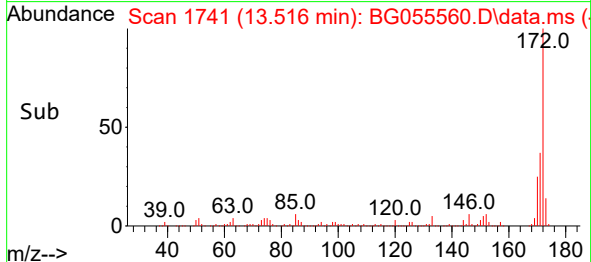
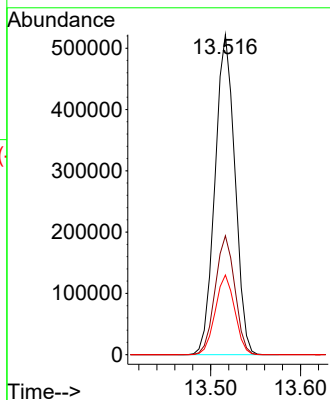
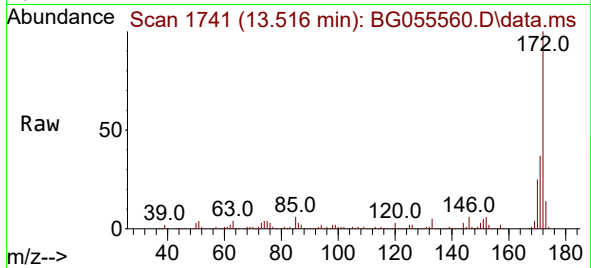




#45
2-Fluorobiphenyl
Concen: 88.931 ng
RT: 13.516 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

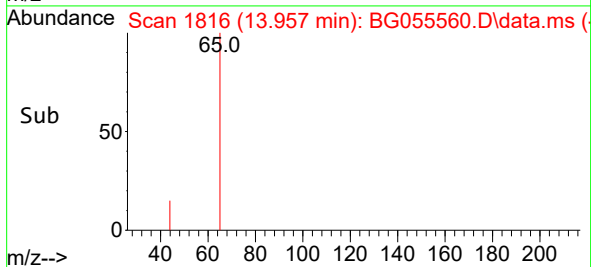
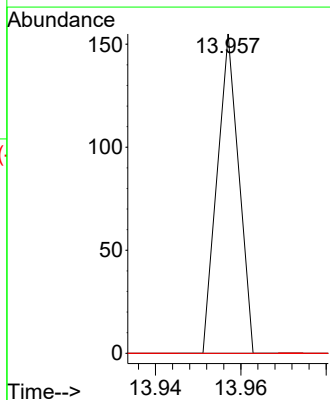
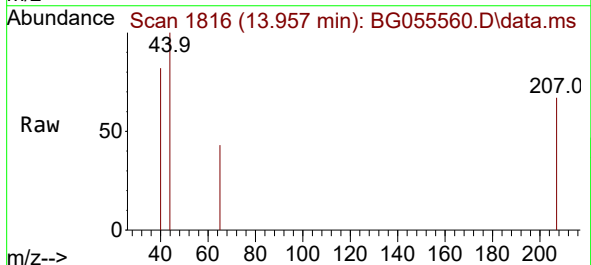
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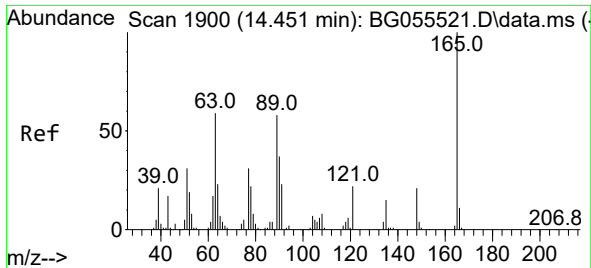
Tgt Ion:172 Resp: 804463
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.9 19.8 29.6



#48
2-Nitroaniline
Concen: 3.812 ng
RT: 13.957 min Scan# 1816
Delta R.T. -0.007 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

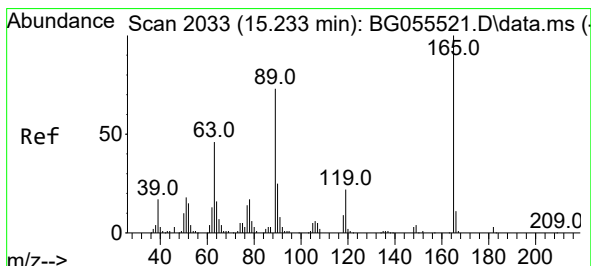
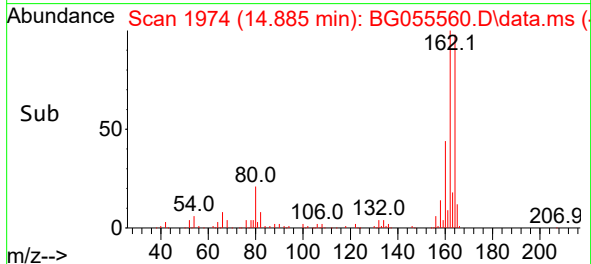
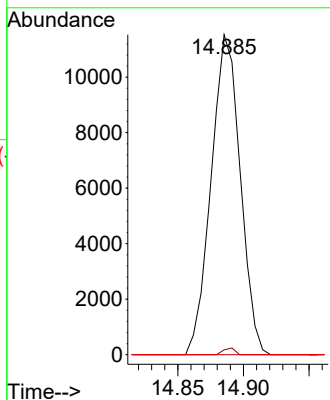
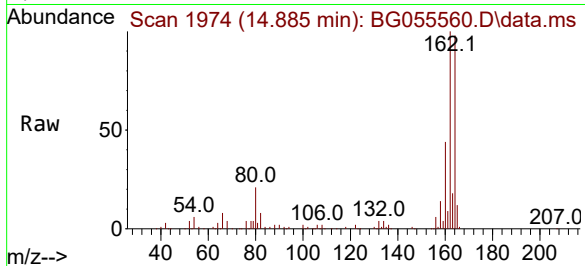




#51
2,6-Dinitrotoluene
Concen: 12.263 ng
RT: 14.885 min Scan# 1900
Delta R.T. 0.434 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

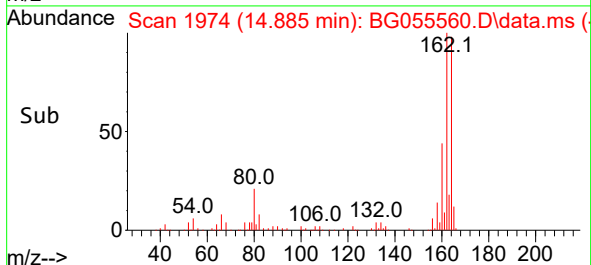
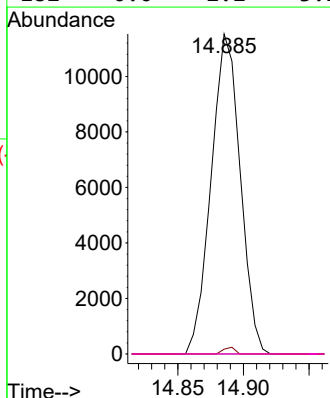
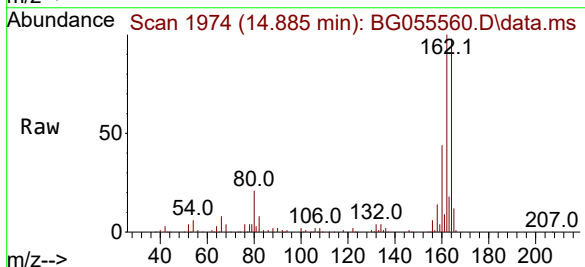
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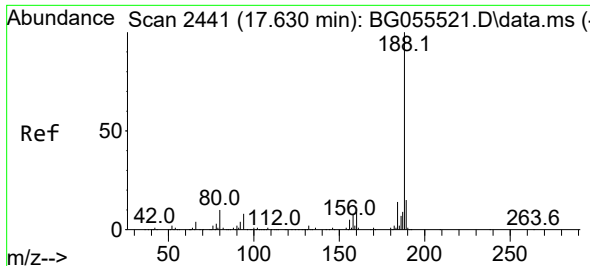
Tgt Ion:165 Resp: 17773
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.448 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.348 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion:165 Resp: 17773
Ion Ratio Lower Upper
165 100
63 1.5 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#

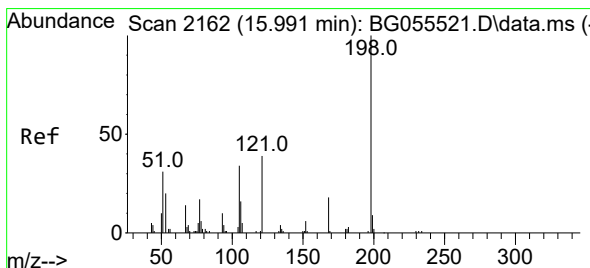
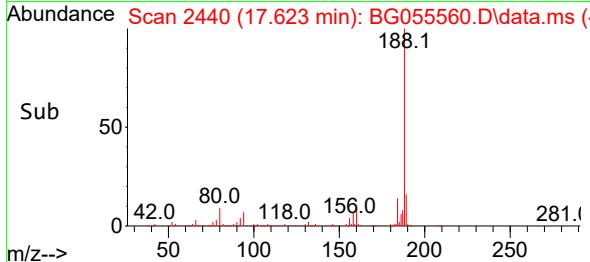
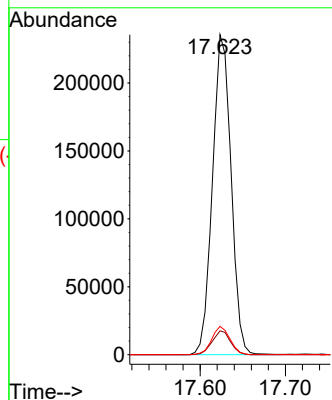
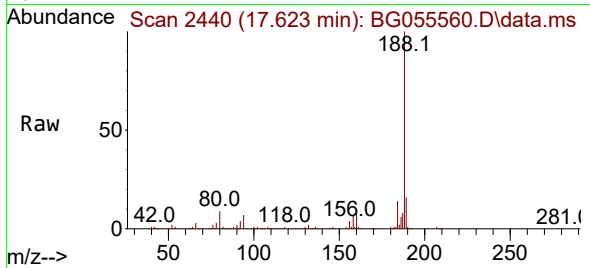




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

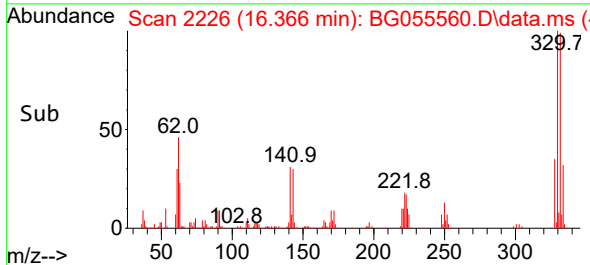
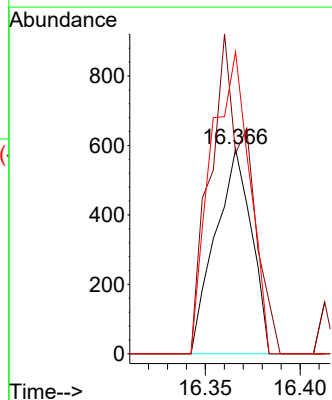
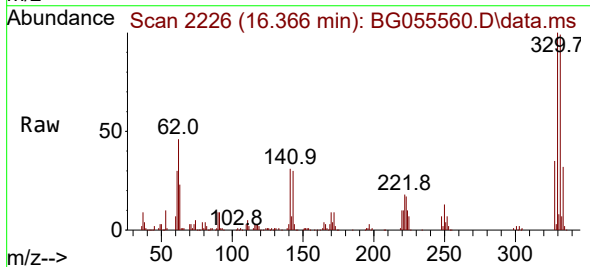
Instrument :
BNA_G
ClientSampleId :
PB148898BL

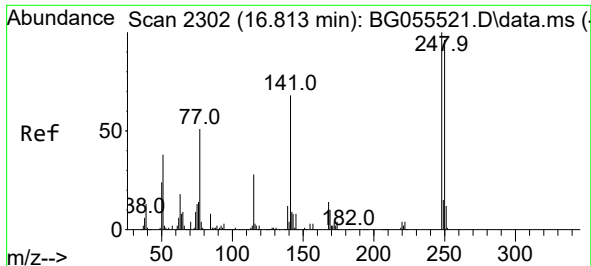
Tgt Ion:188 Resp: 357510
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.8 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.801 ng
RT: 16.366 min Scan# 2226
Delta R.T. 0.375 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion:198 Resp: 781
Ion Ratio Lower Upper
198 100
51 98.0 24.7 64.7#
105 147.5 17.6 57.6#

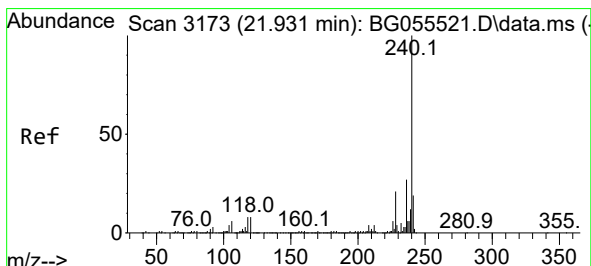
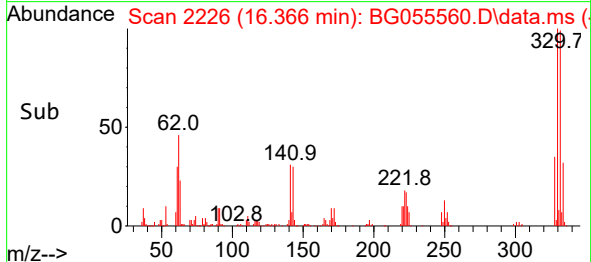
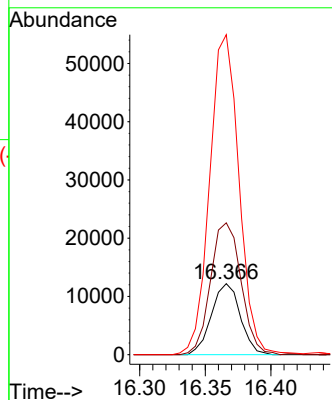
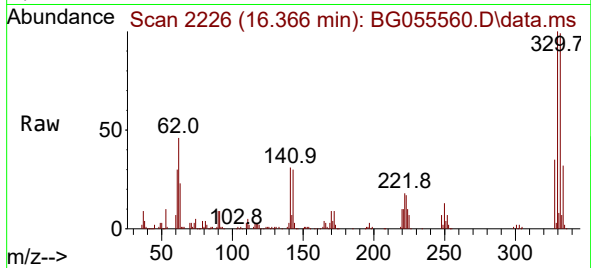




#67
4-Bromophenyl-phenylether
Concen: 5.112 ng
RT: 16.366 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

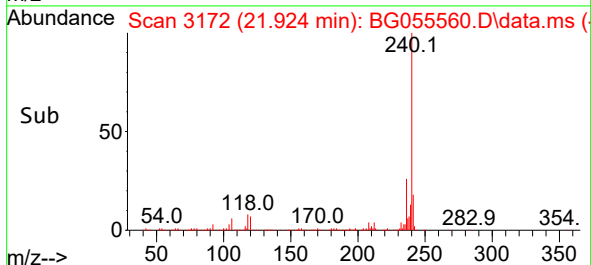
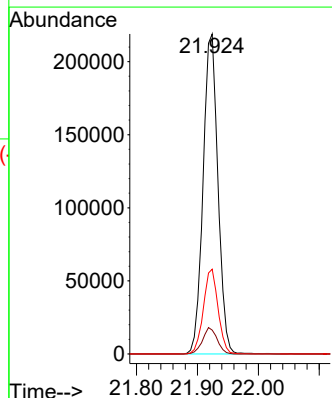
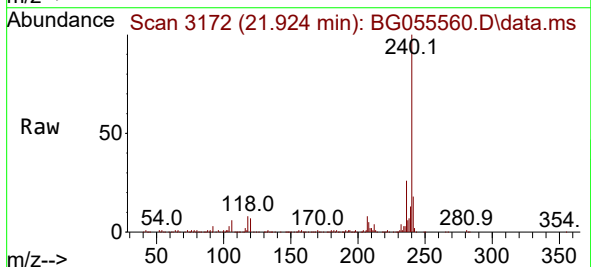
Instrument :
BNA_G
ClientSampleId :
PB148898BL

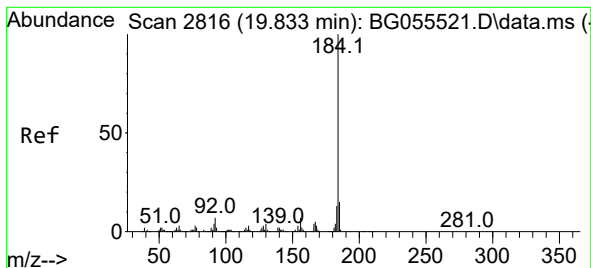
Tgt Ion:248 Resp: 18645
Ion Ratio Lower Upper
248 100
250 185.7 76.9 115.3#
141 450.6 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion:240 Resp: 370974
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.5 21.4 32.0





#77

Benzidine

Concen: 2.870 ng

RT: 20.214 min Scan# 2881

Delta R.T. 0.381 min

Lab File: BG055560.D

Acq: 11 Nov 2022 10:04

Instrument :

BNA_G

ClientSampleId :

PB148898BL

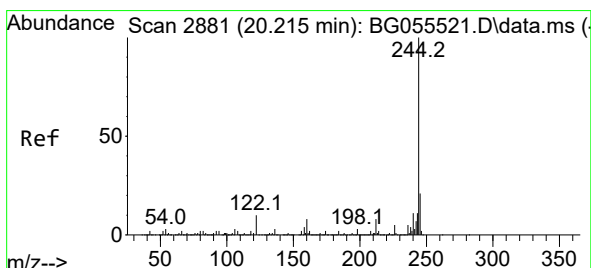
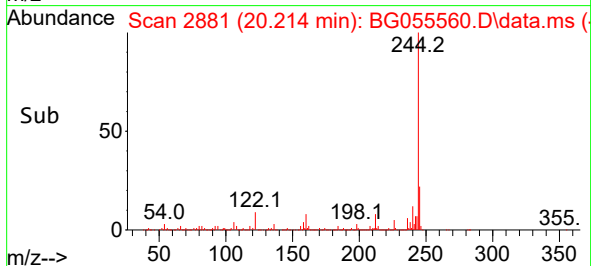
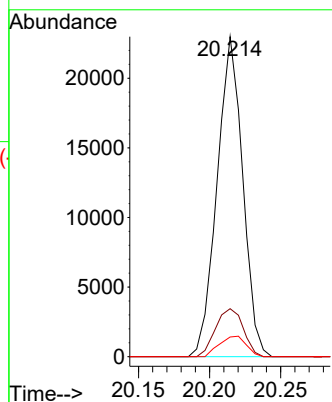
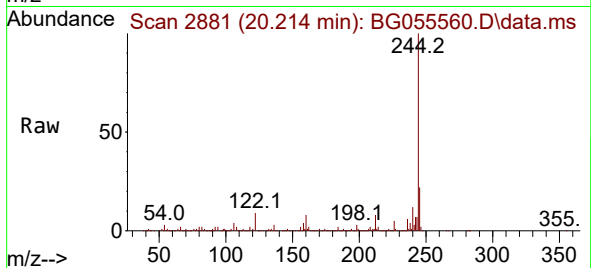
Tgt Ion:184 Resp: 28802

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 6.1 10.2 15.2#



#79

Terphenyl-d14

Concen: 94.381 ng

RT: 20.214 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BG055560.D

Acq: 11 Nov 2022 10:04

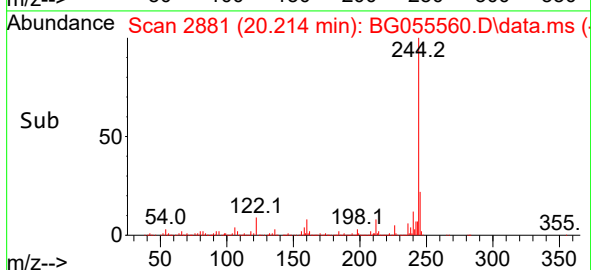
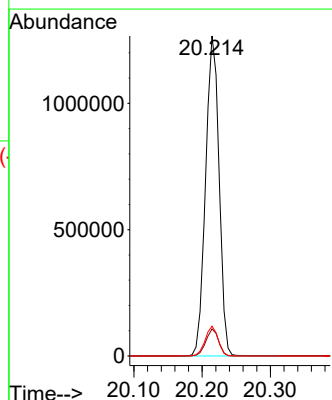
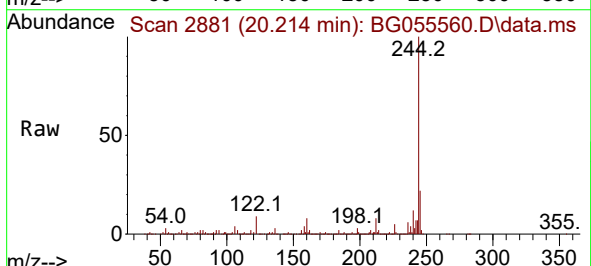
Tgt Ion:244 Resp: 1743191

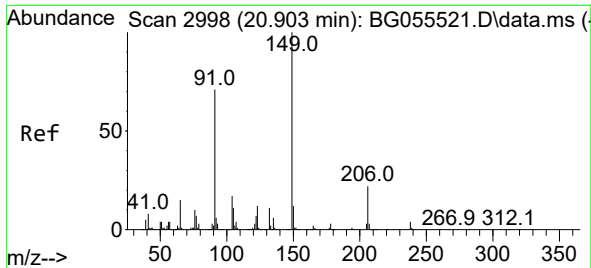
Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 9.3 7.7 11.5

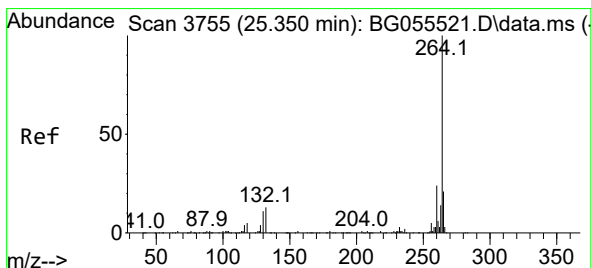
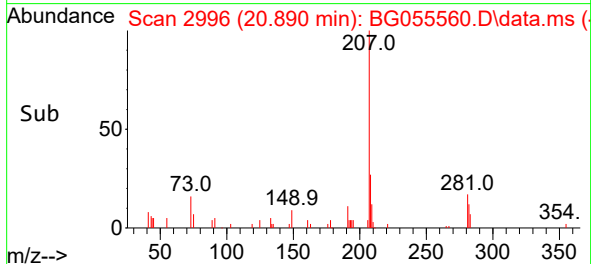
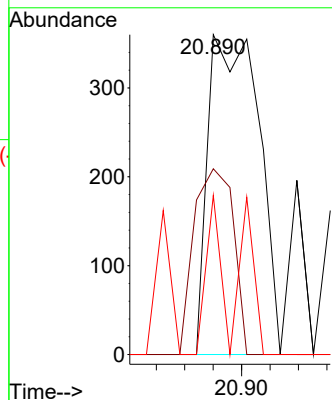
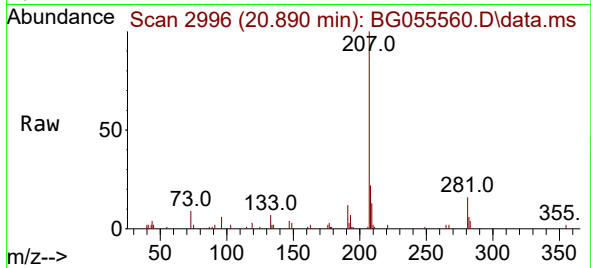




#80
Butylbenzylphthalate
Concen: 3.408 ng
RT: 20.890 min Scan# 2998
Delta R.T. -0.013 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Instrument :
BNA_G
ClientSampleId :
PB148898BL

Tgt Ion:149 Resp: 446
Ion Ratio Lower Upper
149 100
91 58.1 56.8 85.2
206 49.7 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3754
Delta R.T. -0.006 min
Lab File: BG055560.D
Acq: 11 Nov 2022 10:04

Tgt Ion:264 Resp: 384910
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.0 17.1 25.7

