

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055573.D
 Acq On : 11 Nov 2022 19:27
 Operator : CG/JU
 Sample : N5531-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07

Quant Time: Nov 12 00:54:11 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)

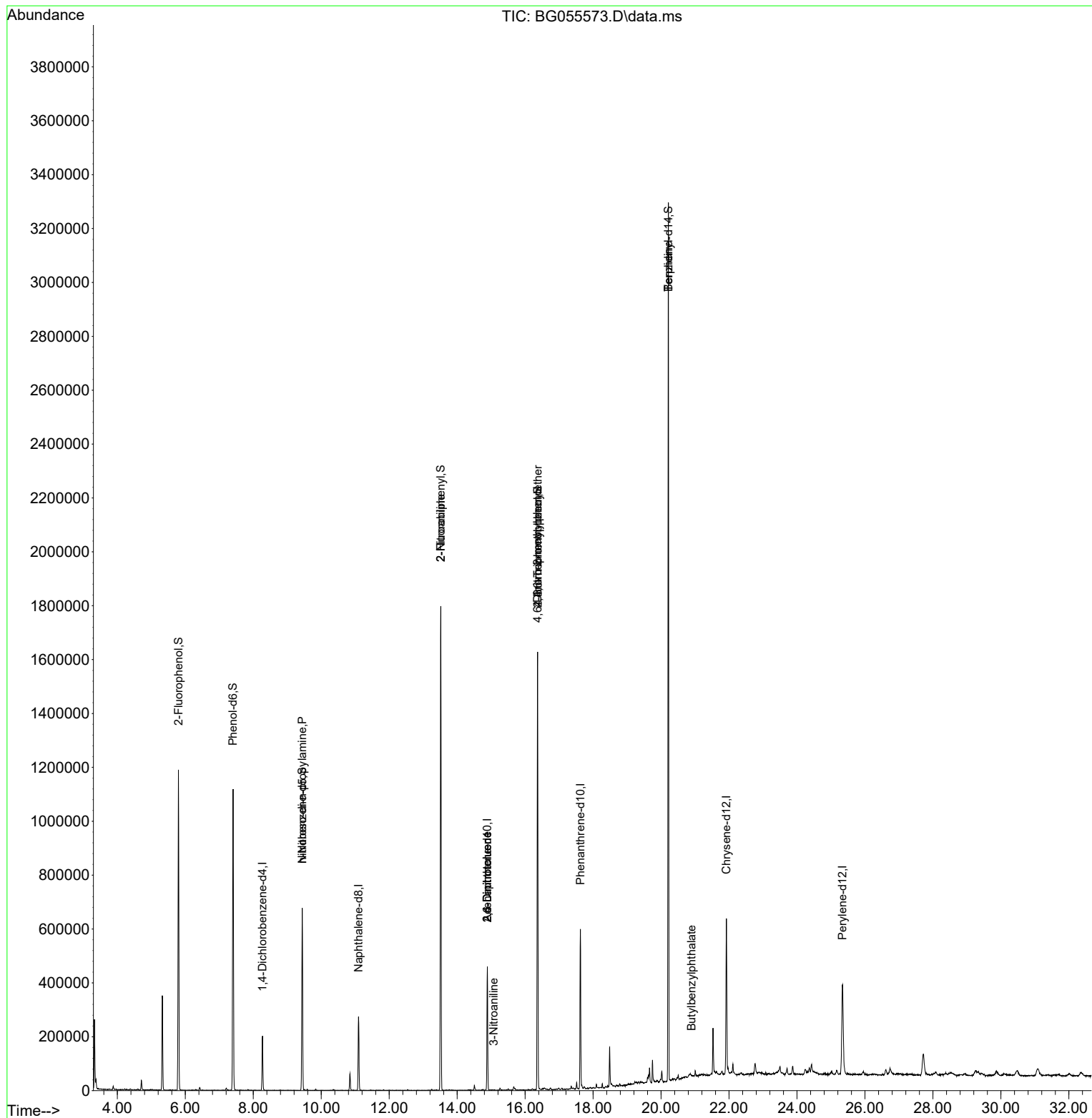
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	56735	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	228391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.887	164	162752	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	393048	20.000	ng	0.00
76) Chrysene-d12	21.920	240	370288	20.000	ng	-0.01
86) Perylene-d12	25.339	264	384178	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	489628	164.379	ng	0.00
7) Phenol-d6	7.402	99	625297	151.974	ng	0.00
23) Nitrobenzene-d5	9.440	82	392809	116.595	ng	0.00
42) 2,4,6-Tribromophenol	16.368	330	326124	205.371	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	939826	87.104	ng	0.00
79) Terphenyl-d14	20.216	244	1626499	88.226	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	52967	15.577	ng	# 80
48) 2-Nitroaniline	13.518	65	1748	4.467	ng	# 1
51) 2,6-Dinitrotoluene	14.887	165	21420	12.358	ng	# 22
53) 3-Nitroaniline	15.075	138	117	3.820	ng	# 1
57) 2,4-Dinitrotoluene	14.887	165	21420	10.519	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.362	198	805	2.744	ng	# 1
67) 4-Bromophenyl-phenylether	16.368	248	21238	5.297	ng	# 1
77) Benzidine	20.216	184	27280	2.723	ng	# 94
80) Butylbenzylphthalate	20.892	149	509	3.414	ng	# 74

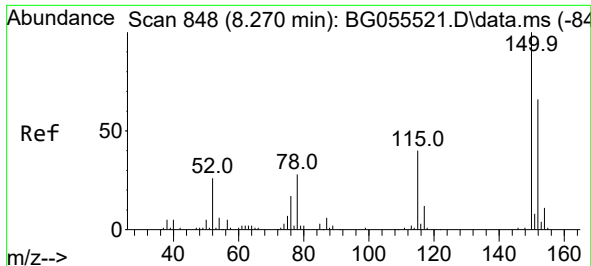
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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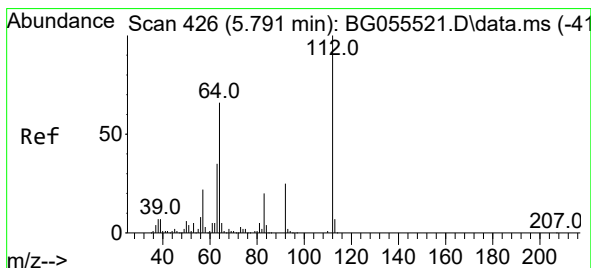
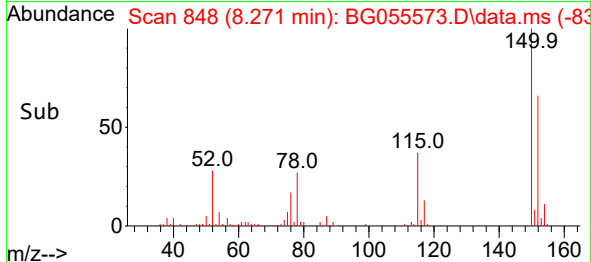
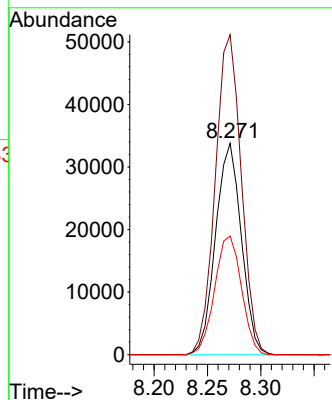
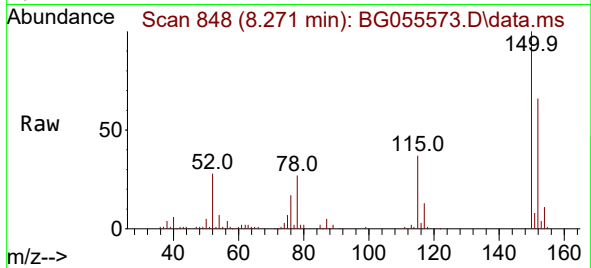




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

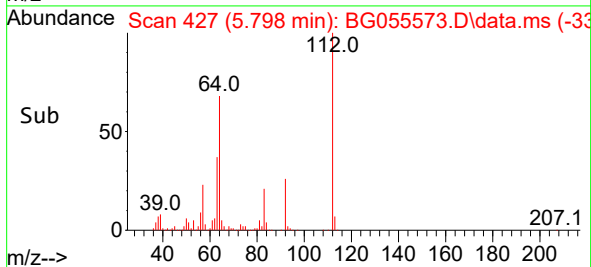
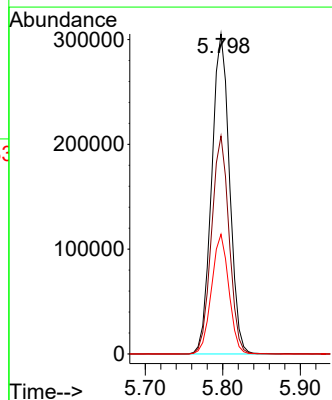
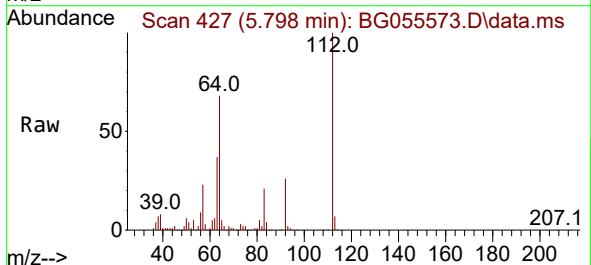
Instrument :
BNA_G
ClientSampleId :
SB-07

Tgt Ion:152 Resp: 56735
Ion Ratio Lower Upper
152 100
150 151.4 121.0 181.4
115 56.1 47.8 71.8



#5
2-Fluorophenol
Concen: 164.379 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion:112 Resp: 489628
Ion Ratio Lower Upper
112 100
64 68.1 52.6 78.8
63 37.4 28.3 42.5

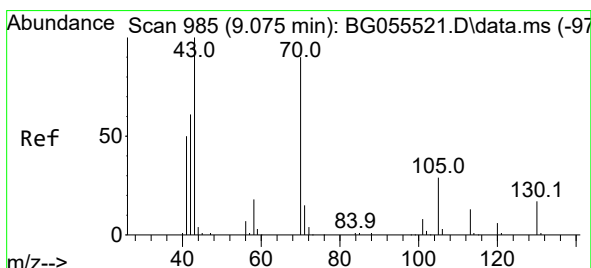
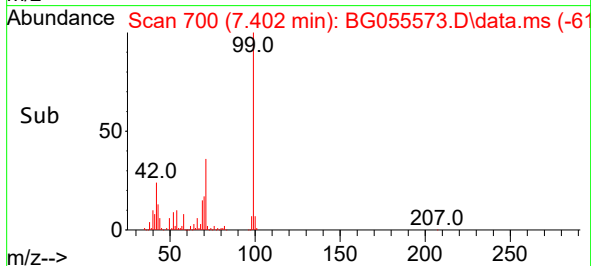
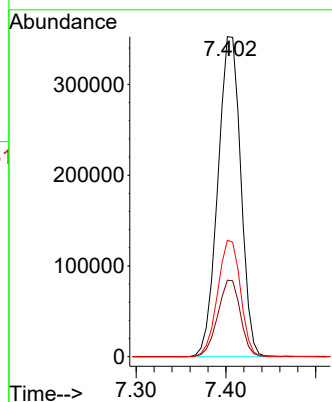
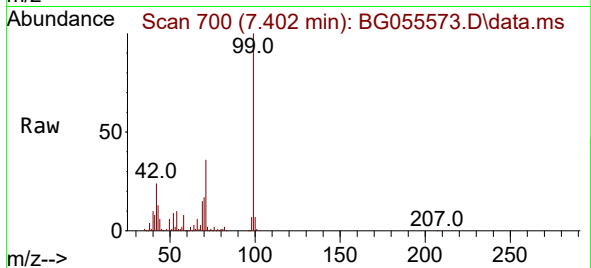




#7
Phenol-d6
Concen: 151.974 ng
RT: 7.402 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

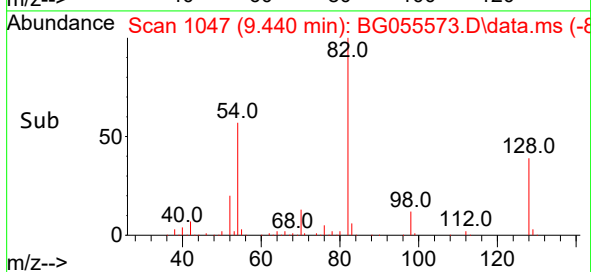
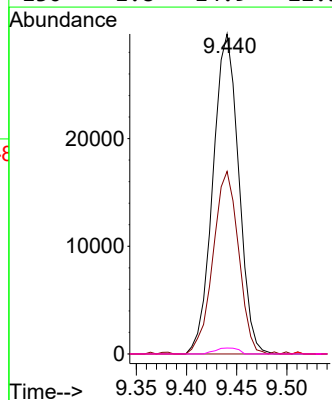
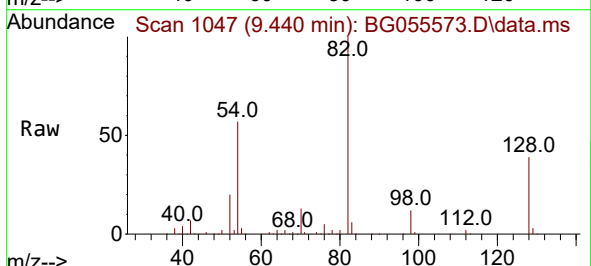
Instrument :
BNA_G
ClientSampleId :
SB-07

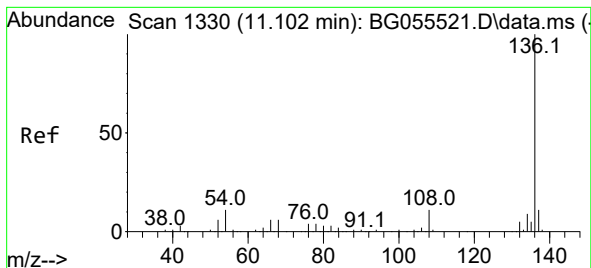
Tgt Ion: 99 Resp: 625297
Ion Ratio Lower Upper
99 100
42 23.9 17.5 26.3
71 36.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.577 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion: 70 Resp: 52967
Ion Ratio Lower Upper
70 100
42 57.0 54.8 82.2
101 0.0 6.8 10.2#
130 1.8 14.9 22.3#

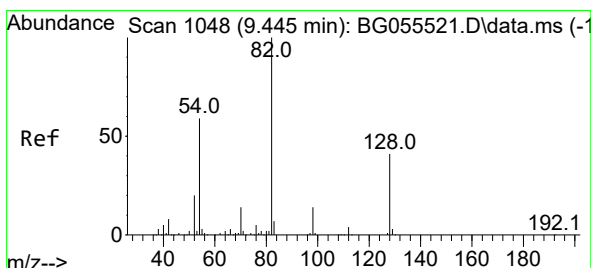
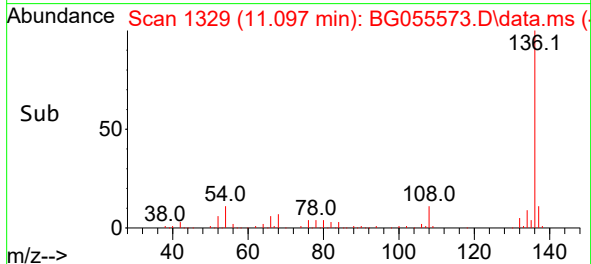
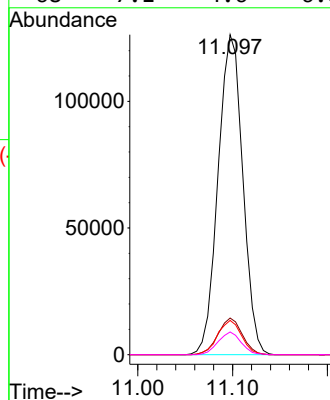
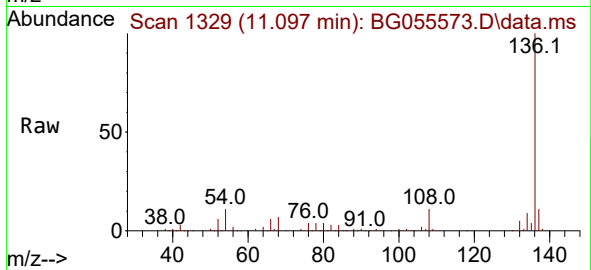




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

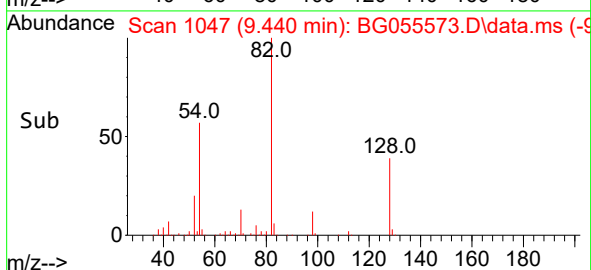
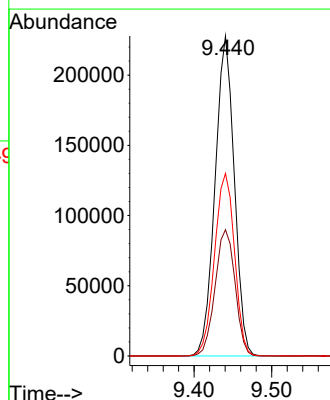
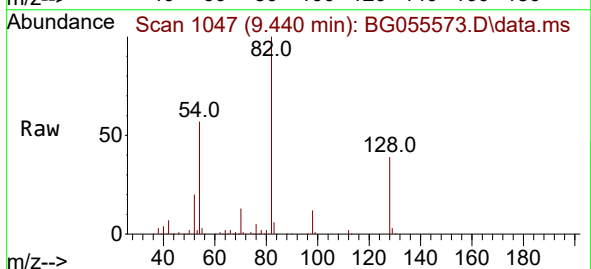
Instrument :
BNA_G
ClientSampleId :
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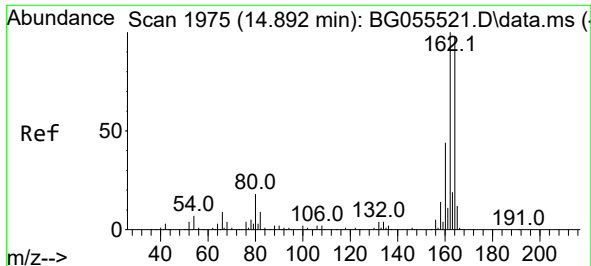
Tgt Ion:136 Resp: 228391
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 10.7 8.6 12.8
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 116.595 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion: 82 Resp: 392809
Ion Ratio Lower Upper
82 100
128 39.5 32.6 49.0
54 57.0 47.3 70.9

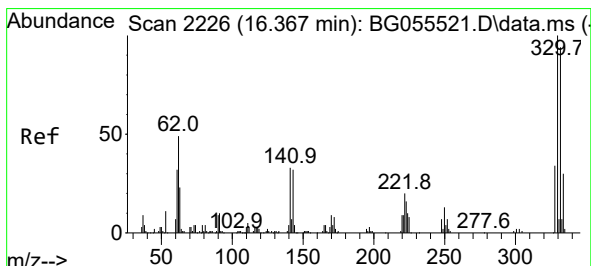
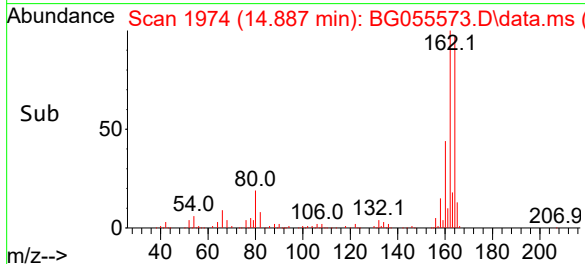
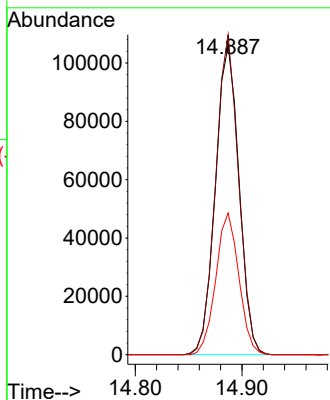
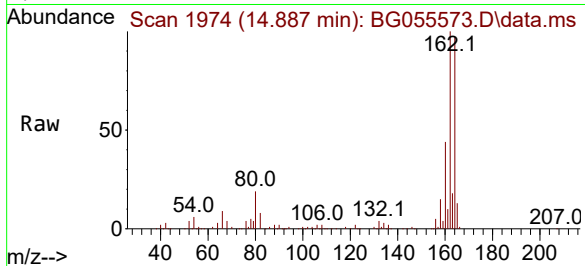




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

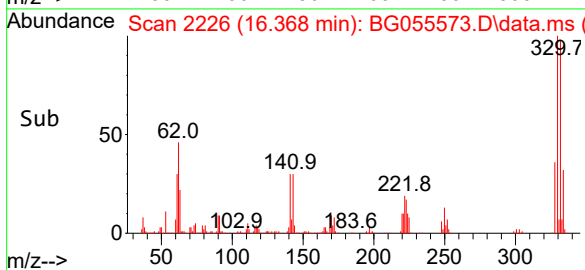
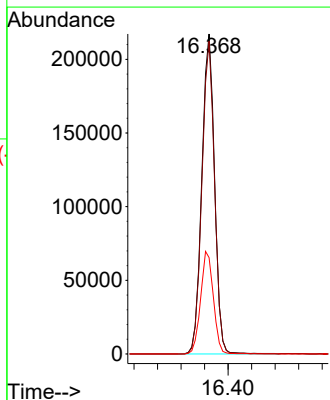
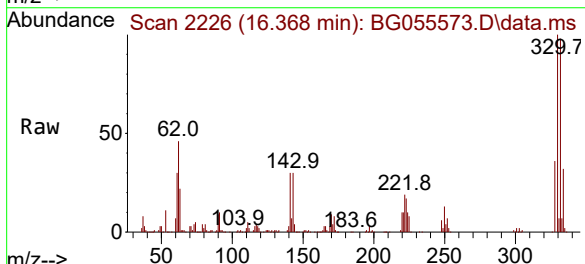
Instrument :
BNA_G
ClientSampleId :
SB-07

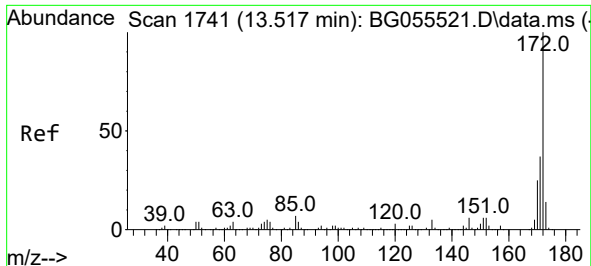
Tgt Ion:164 Resp: 162752
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 45.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 205.371 ng
RT: 16.368 min Scan# 2226
Delta R.T. 0.001 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion:330 Resp: 326124
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.0 25.4 38.2

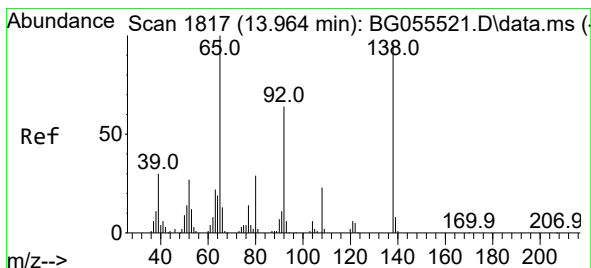
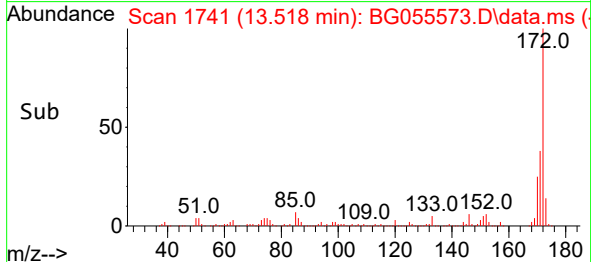
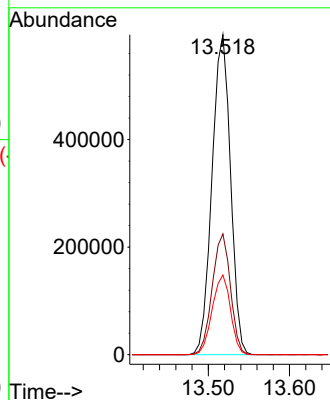
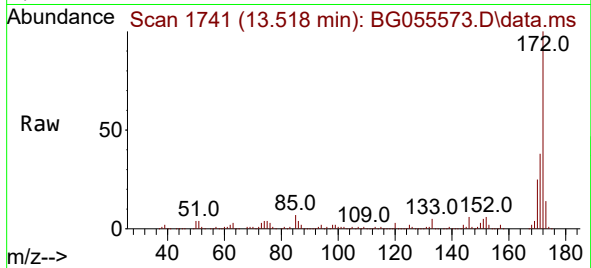




#45
2-Fluorobiphenyl
Concen: 87.104 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

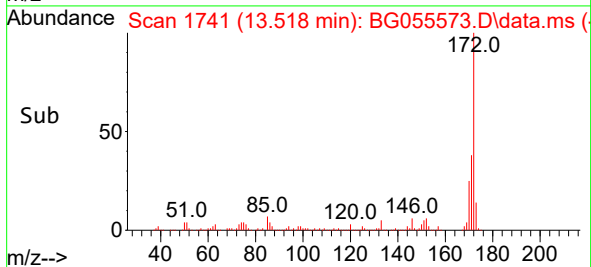
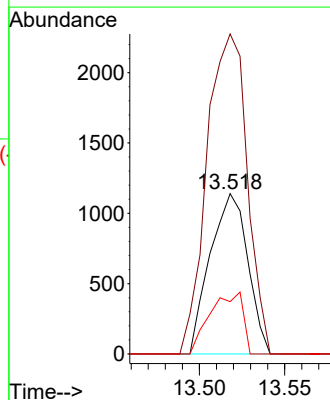
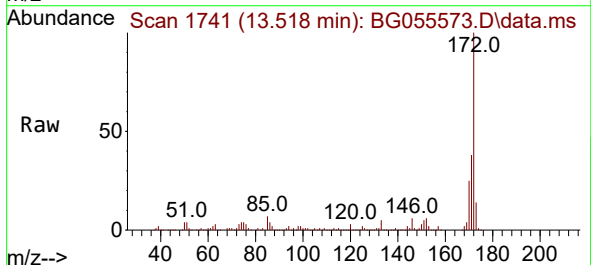
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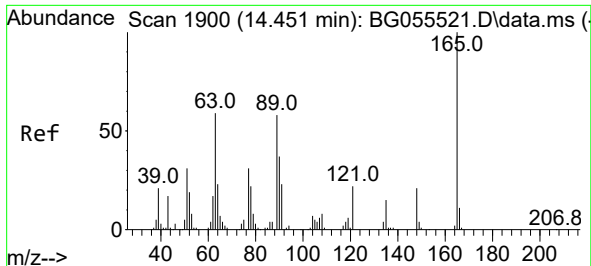
Tgt Ion:172 Resp: 939826
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 24.9 19.8 29.6



#48
2-Nitroaniline
Concen: 4.467 ng
RT: 13.518 min Scan# 1741
Delta R.T. -0.446 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion: 65 Resp: 1748
Ion Ratio Lower Upper
65 100
92 199.6 51.6 77.4#
138 32.6 77.0 115.4#

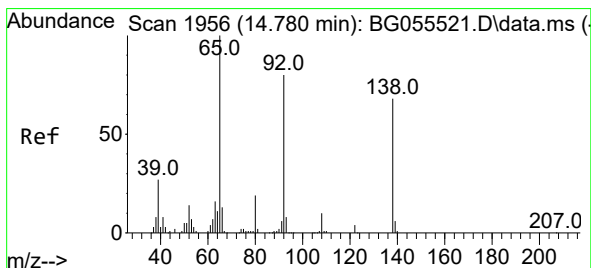
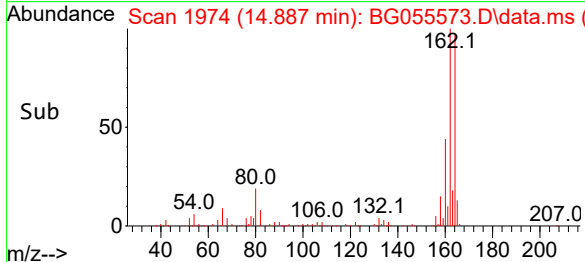
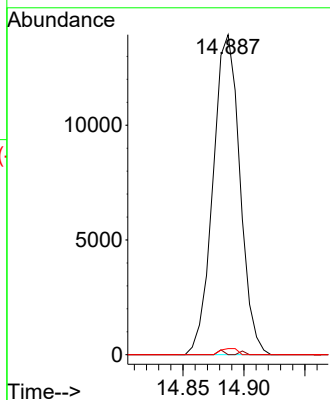
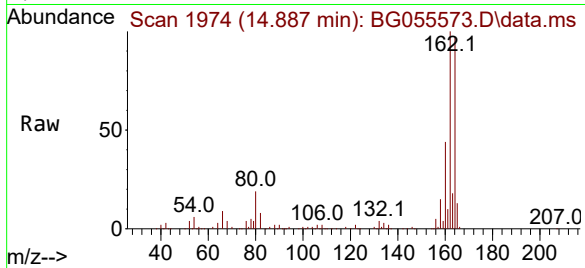




#51
2,6-Dinitrotoluene
Concen: 12.358 ng
RT: 14.887 min Scan# 14
Delta R.T. 0.436 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

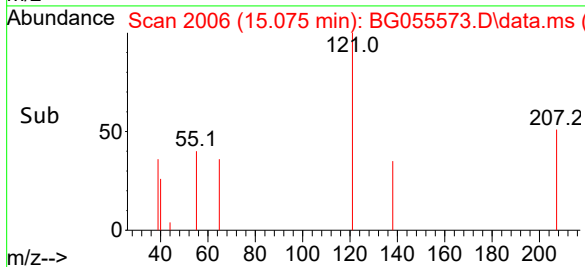
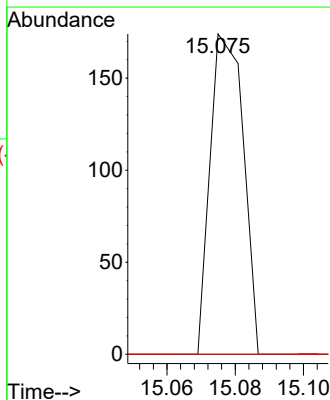
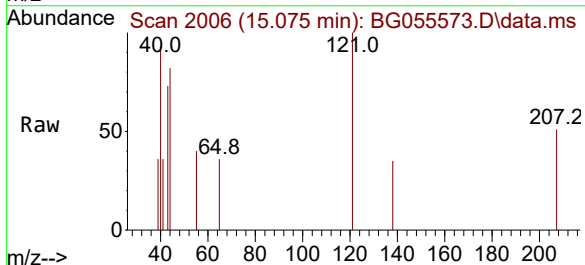
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ClientSampleId :
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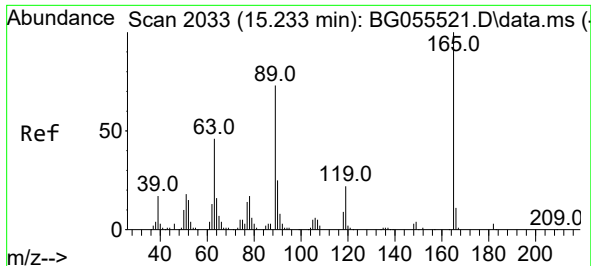
Tgt Ion:165 Resp: 21420
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.9 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.820 ng
RT: 15.075 min Scan# 2006
Delta R.T. 0.295 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#

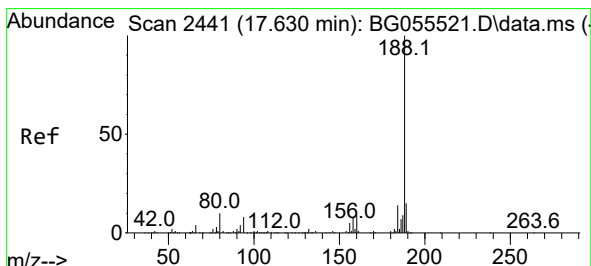
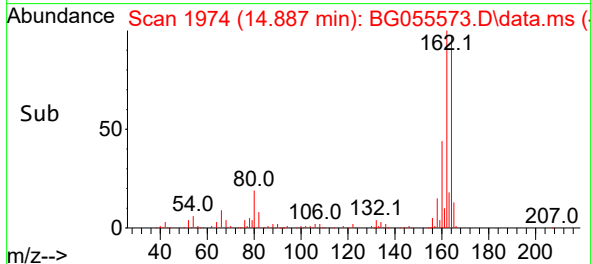
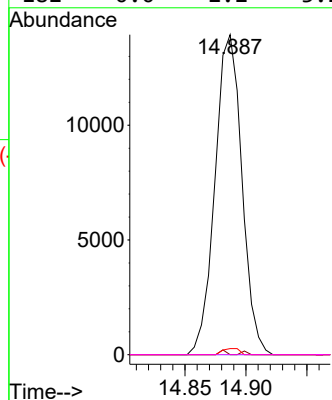
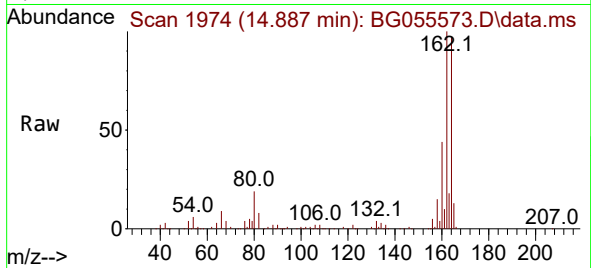




#57
2,4-Dinitrotoluene
Concen: 10.519 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

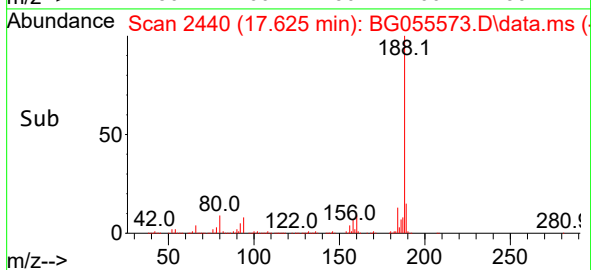
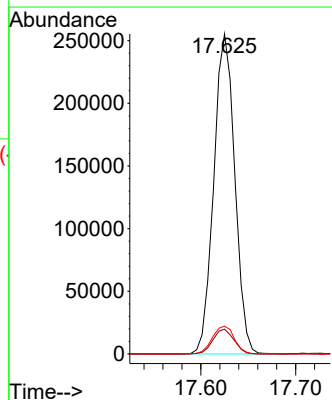
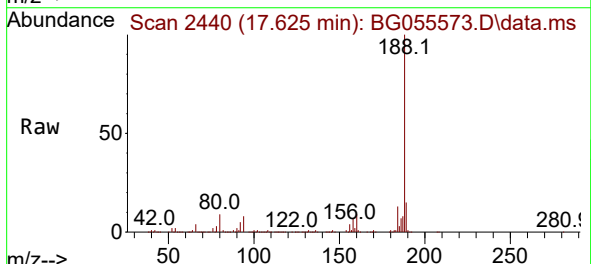
Instrument :
BNA_G
ClientSampleId :
SB-07

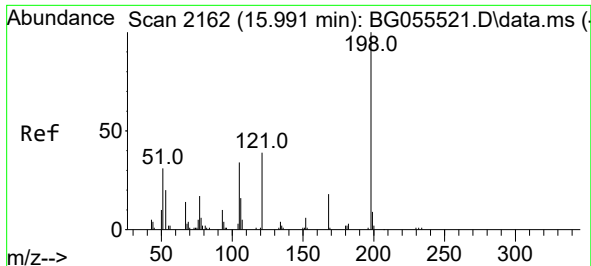
Tgt Ion:165 Resp: 21420
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.9 58.6 87.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion:188 Resp: 393048
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.7 7.6 11.4

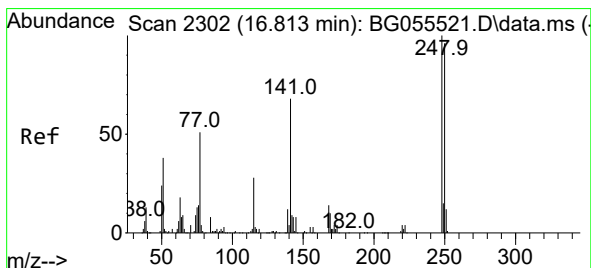
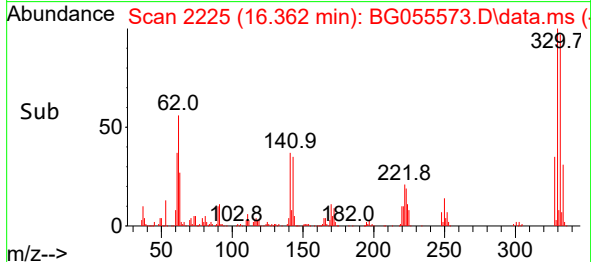
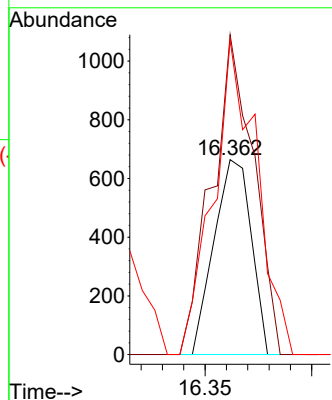
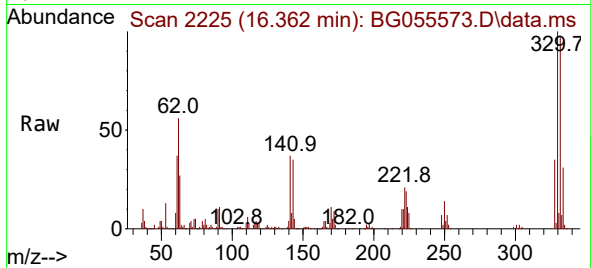




#65
4,6-Dinitro-2-methylphenol
Concen: 2.744 ng
RT: 16.362 min Scan# 2162
Delta R.T. 0.371 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

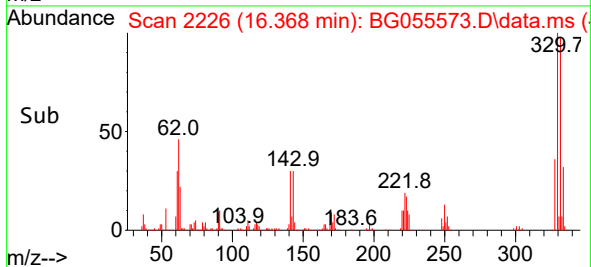
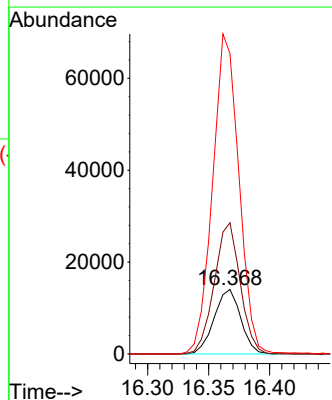
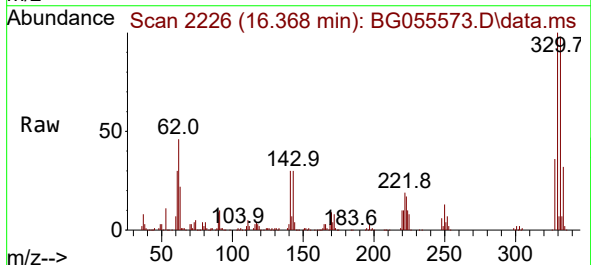
Instrument :
BNA_G
ClientSampleId :
SB-07

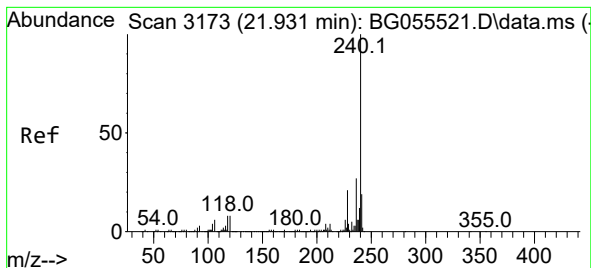
Tgt Ion:198 Resp: 805
Ion Ratio Lower Upper
198 100
51 164.2 24.7 64.7#
105 161.4 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 5.297 ng
RT: 16.368 min Scan# 2226
Delta R.T. -0.445 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Tgt Ion:248 Resp: 21238
Ion Ratio Lower Upper
248 100
250 203.3 76.9 115.3#
141 465.8 54.3 81.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.920 min Scan# 3173

Delta R.T. -0.011 min

Lab File: BG055573.D

Acq: 11 Nov 2022 19:27

Instrument :

BNA_G

ClientSampleId :

SB-07

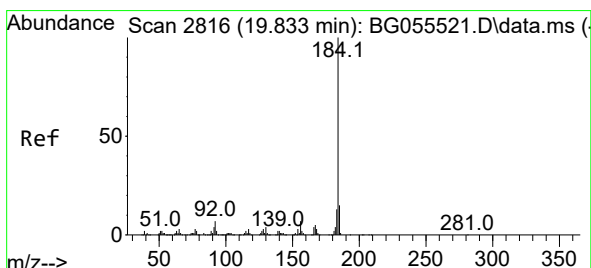
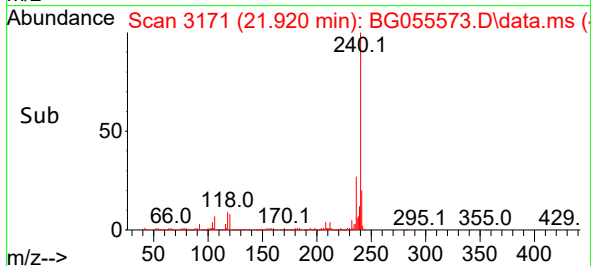
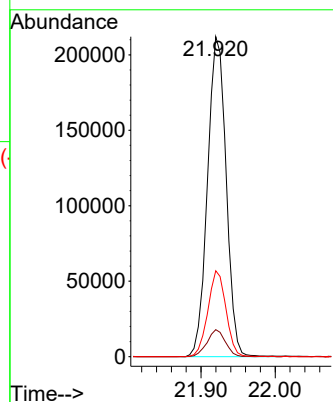
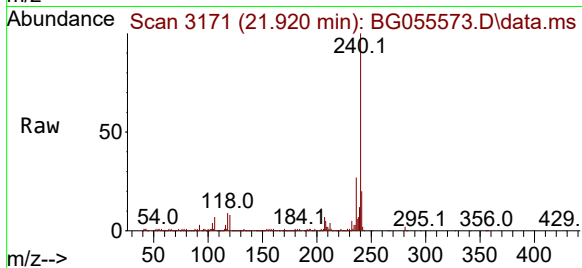
Tgt Ion:240 Resp: 370288

Ion Ratio Lower Upper

240 100

120 8.4 6.1 9.1

236 26.9 21.4 32.0



#77

Benzidine

Concen: 2.723 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.383 min

Lab File: BG055573.D

Acq: 11 Nov 2022 19:27

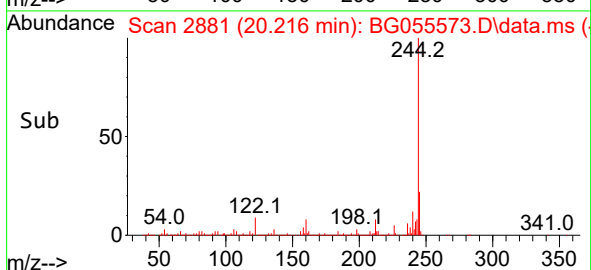
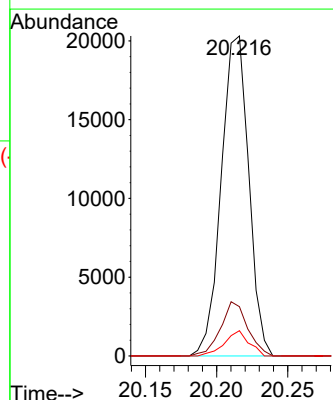
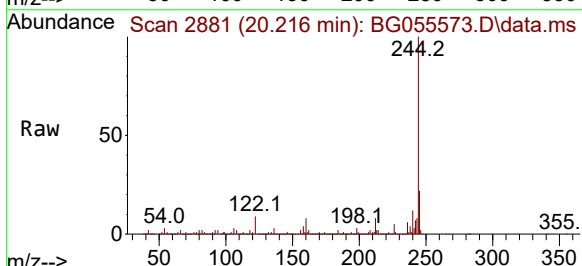
Tgt Ion:184 Resp: 27280

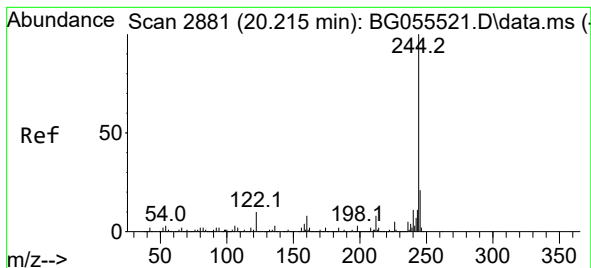
Ion Ratio Lower Upper

184 100

185 15.4 12.0 18.0

183 7.9 10.2 15.2#





#79

Terphenyl-d14

Concen: 88.226 ng

RT: 20.216 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG055573.D

Acq: 11 Nov 2022 19:27

Instrument :

BNA_G

ClientSampleId :

SB-07

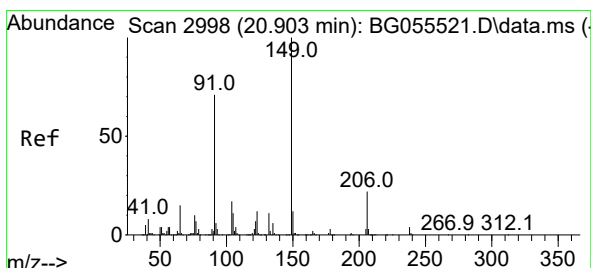
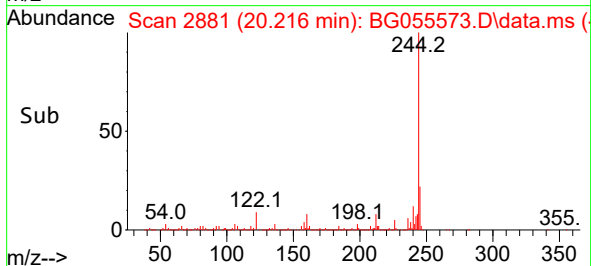
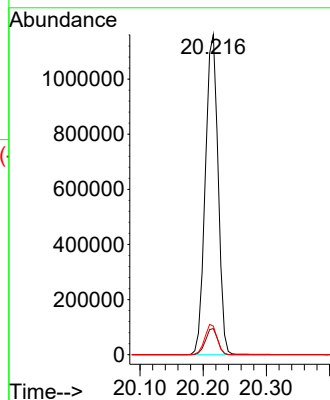
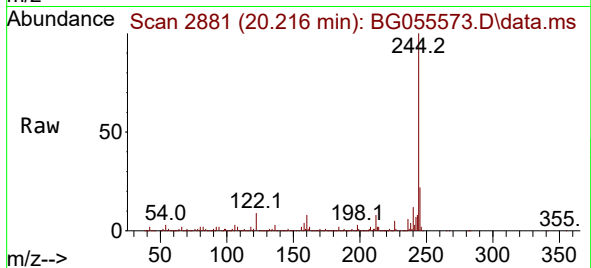
Tgt Ion:244 Resp: 1626499

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 3.414 ng

RT: 20.892 min Scan# 2996

Delta R.T. -0.011 min

Lab File: BG055573.D

Acq: 11 Nov 2022 19:27

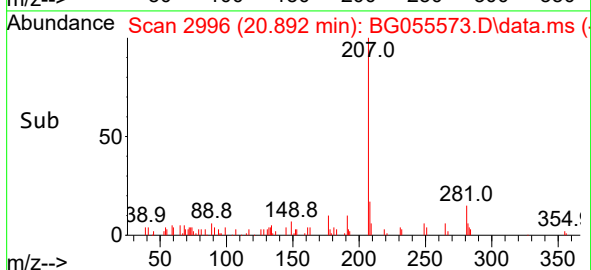
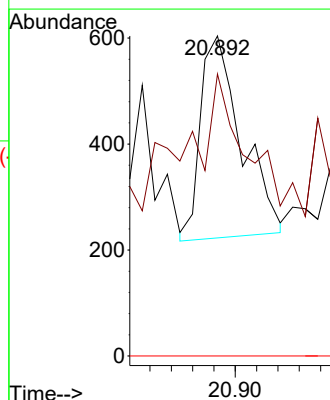
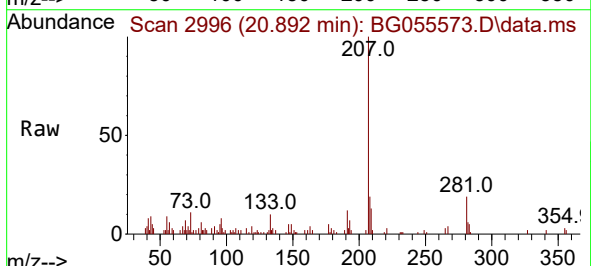
Tgt Ion:149 Resp: 509

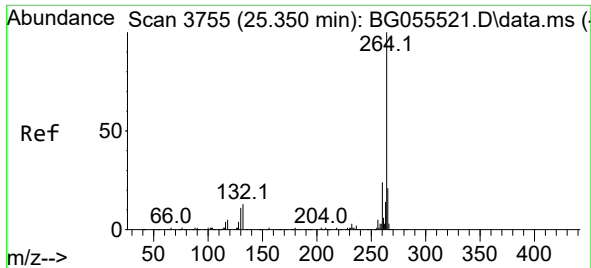
Ion Ratio Lower Upper

149 100

91 88.1 56.8 85.2#

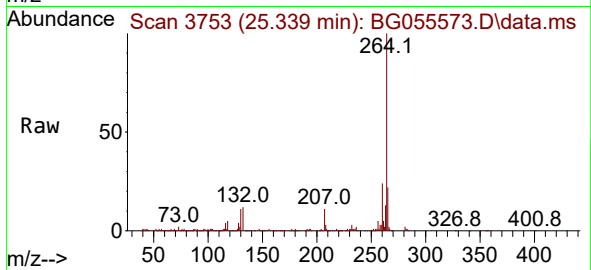
206 0.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG055573.D
Acq: 11 Nov 2022 19:27

Instrument :
BNA_G
ClientSampleId :
SB-07



Tgt Ion:264 Resp: 384178

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.4	17.1	25.7

