

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055593.D
 Acq On : 12 Nov 2022 17:19
 Operator : CG/JU
 Sample : N5431-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221178-COMP-13-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:28:41 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)

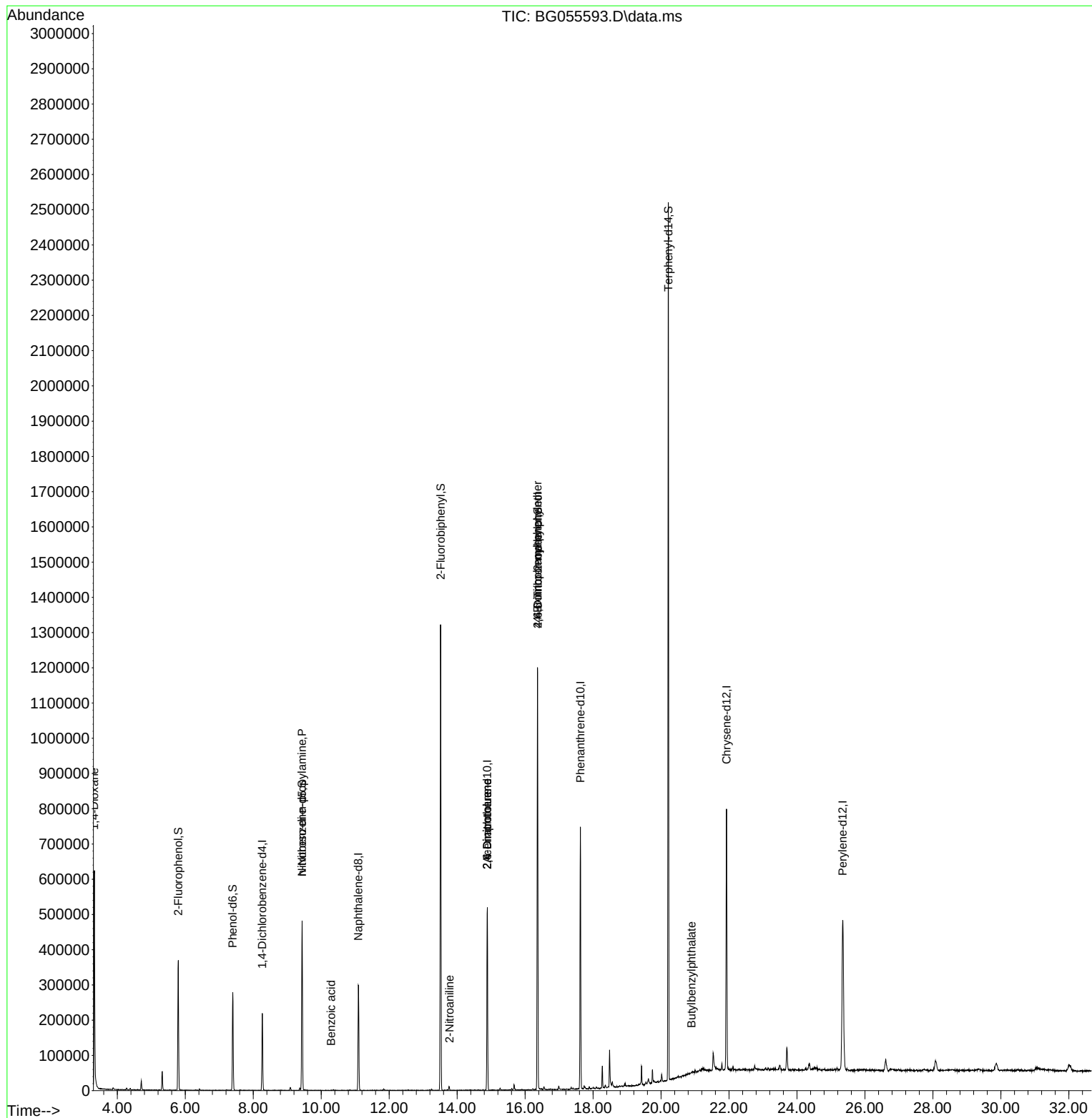
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	60953	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	255007	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	190903	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	478982	20.000	ng	0.00
76) Chrysene-d12	21.927	240	470517	20.000	ng	0.00
86) Perylene-d12	25.347	264	493707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	157009	49.064	ng	0.00
7) Phenol-d6	7.397	99	151384	34.247	ng	0.00
23) Nitrobenzene-d5	9.436	82	274957	73.095	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	246954	132.582	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	680515	53.770	ng	0.00
79) Terphenyl-d14	20.218	244	1269694	54.201	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	4975	3.061	ng	# 1
19) n-Nitroso-di-n-propyla...	9.436	70	37799	10.347	ng	# 81
32) Benzoic acid	10.288	122	178	4.414	ng	# 71
48) 2-Nitroaniline	13.772	65	137	3.832	ng	# 8
51) 2,6-Dinitrotoluene	14.883	165	24807	12.242	ng	# 22
57) 2,4-Dinitrotoluene	14.883	165	24807	10.432	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.369	198	728	2.522	ng	# 1
67) 4-Bromophenyl-phenylether	16.363	248	16169	3.309	ng	# 1
80) Butylbenzylphthalate	20.893	149	873	3.431	ng	# 88

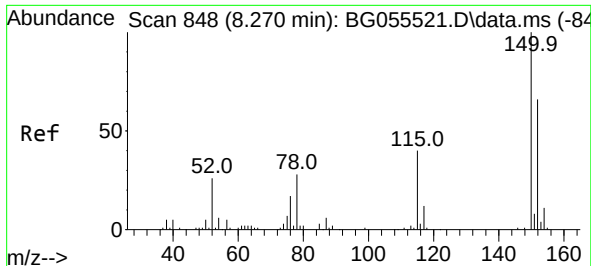
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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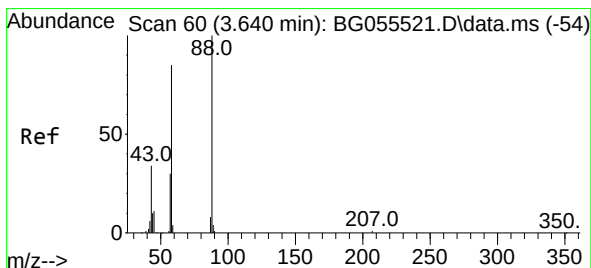
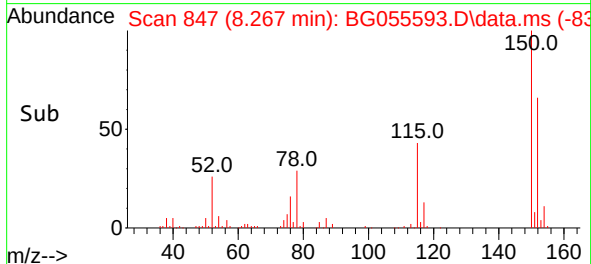
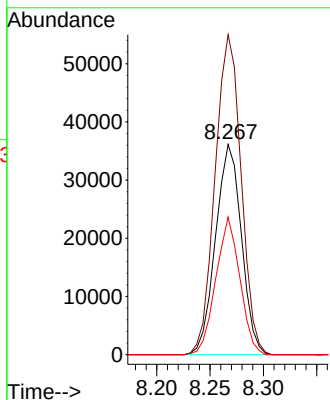
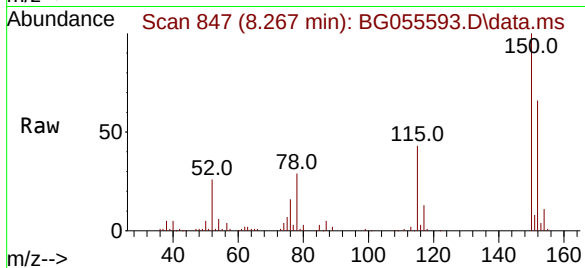




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.267 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

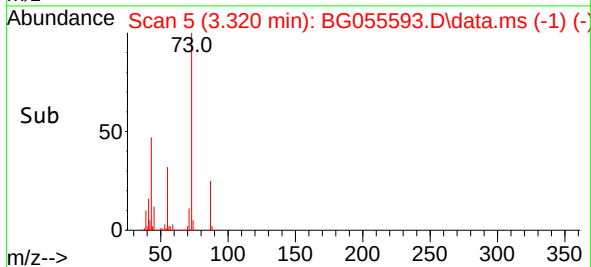
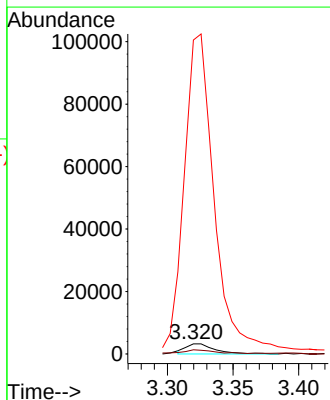
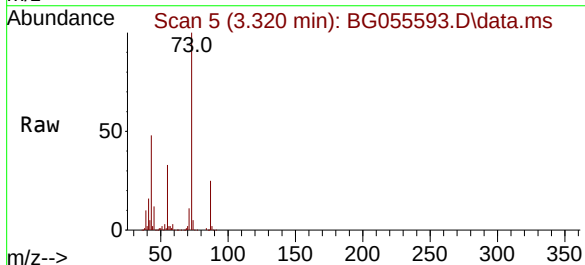
Instrument :
 BNA_G
 ClientSampleId :
 20221178-COMP-13-MODIFIED-ELUTRIATE

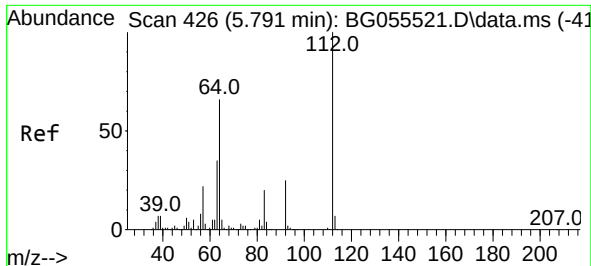
Tgt Ion:152 Resp: 60953
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.0 181.4
 115 65.4 47.8 71.8



#2
 1,4-Dioxane
 Concen: 3.061 ng
 RT: 3.320 min Scan# 5
 Delta R.T. -0.320 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

Tgt Ion: 88 Resp: 4975
 Ion Ratio Lower Upper
 88 100
 58 32.6 68.9 103.3#
 43 3095.4 27.1 40.7#

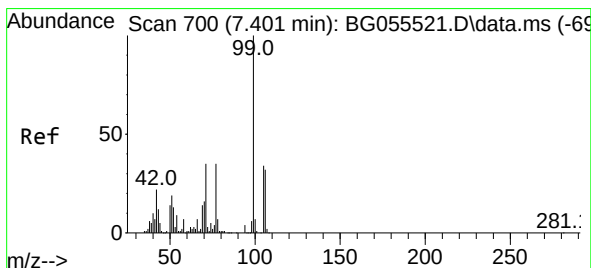
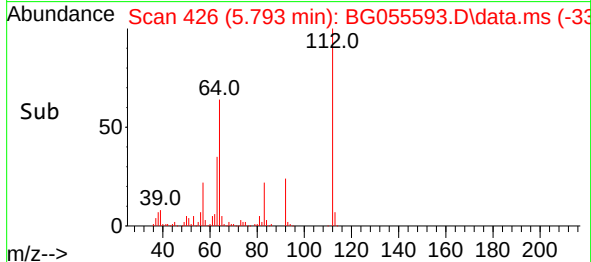
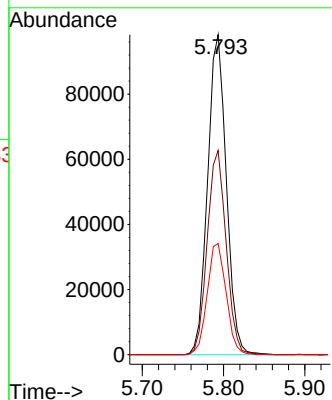
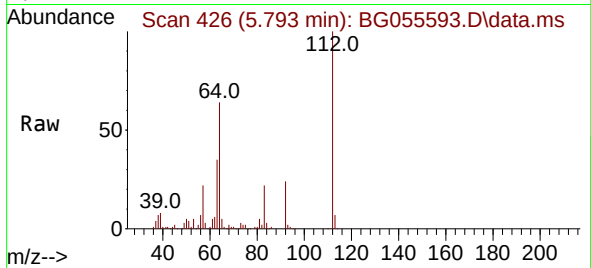




#5
2-Fluorophenol
Concen: 49.064 ng
RT: 5.793 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

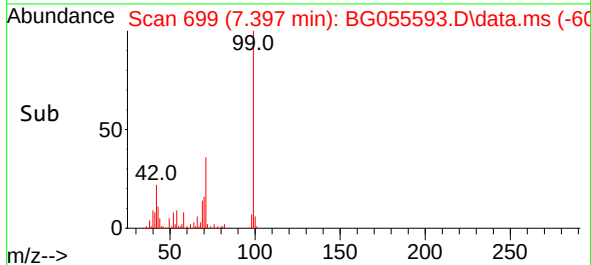
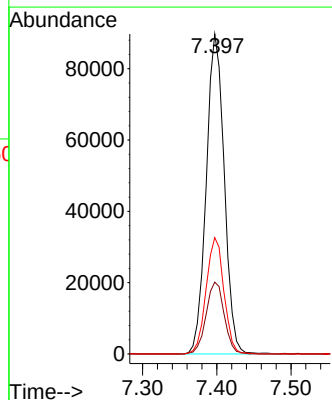
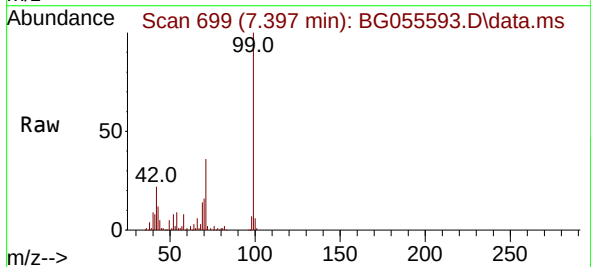
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ClientSampleId :
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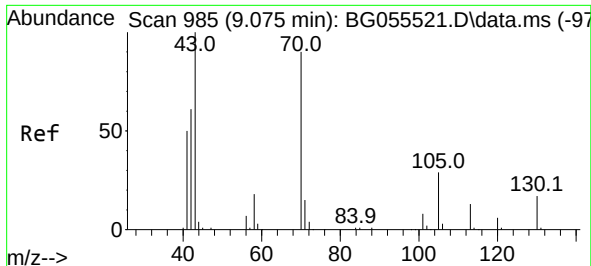
Tgt Ion:112 Resp: 157009
Ion Ratio Lower Upper
112 100
64 63.8 52.6 78.8
63 34.8 28.3 42.5



#7
Phenol-d6
Concen: 34.247 ng
RT: 7.397 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion: 99 Resp: 151384
Ion Ratio Lower Upper
99 100
42 22.4 17.5 26.3
71 36.3 28.3 42.5

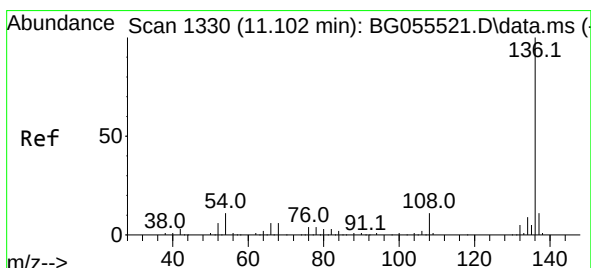
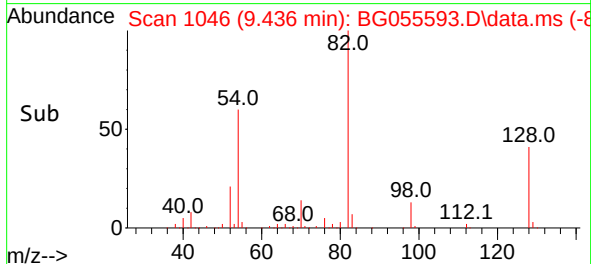
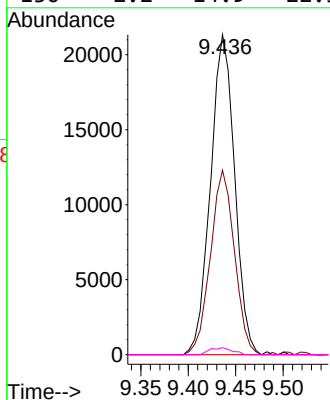
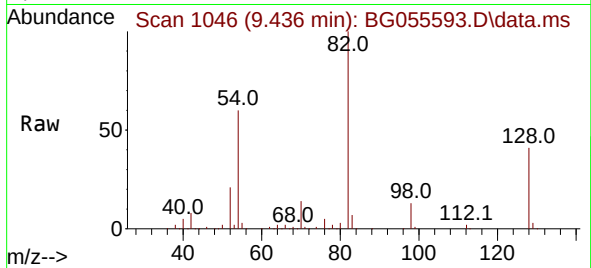




#19
n-Nitroso-di-n-propylamine
Concen: 10.347 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.361 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

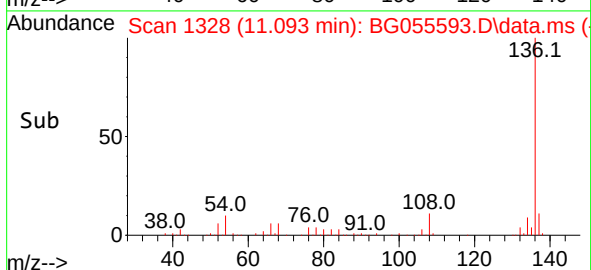
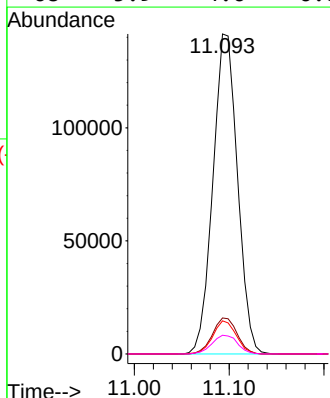
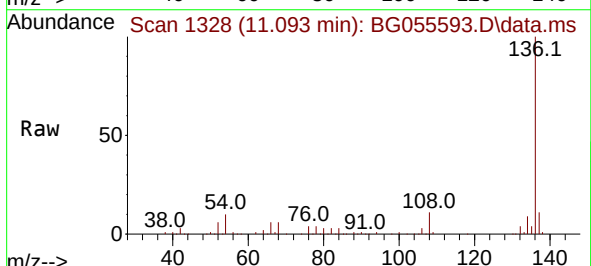
Instrument :
BNA_G
ClientSampleId :
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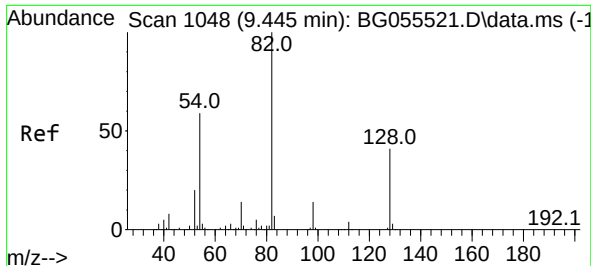
Tgt Ion: 70 Resp: 37799
Ion Ratio Lower Upper
70 100
42 57.7 54.8 82.2
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1328
Delta R.T. -0.009 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:136 Resp: 255007
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.4 8.6 12.8
68 5.9 4.6 6.8

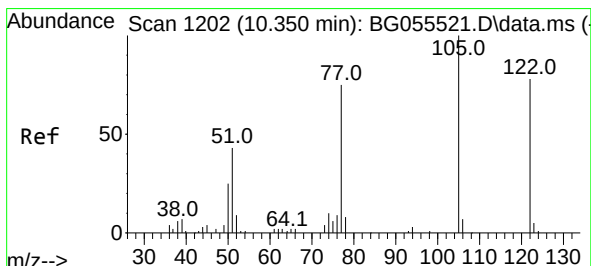
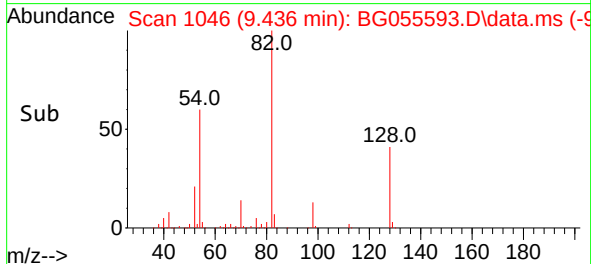
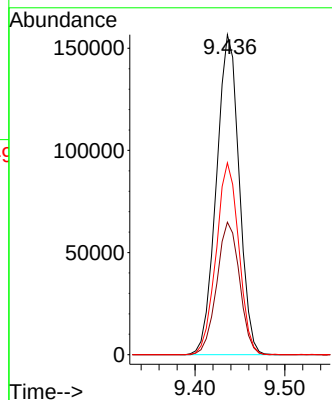
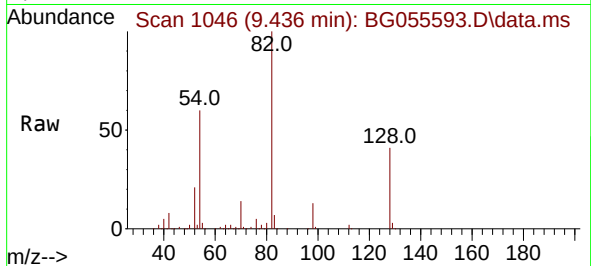




#23
Nitrobenzene-d5
Concen: 73.095 ng
RT: 9.436 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

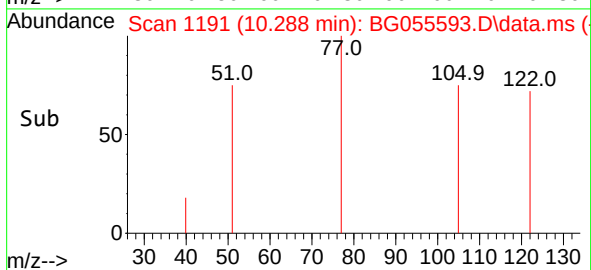
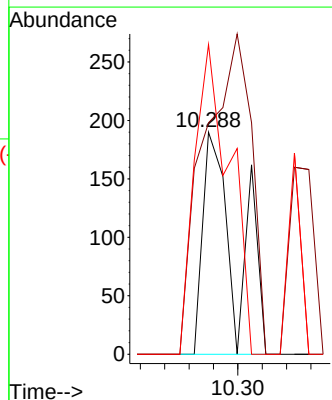
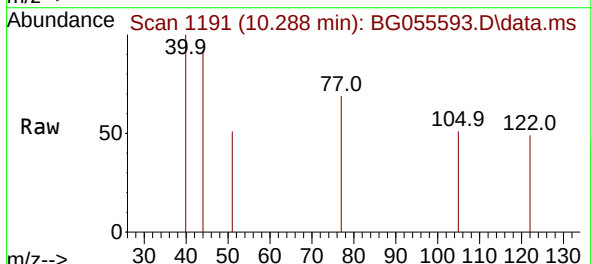
Instrument :
BNA_G
ClientSampleId :
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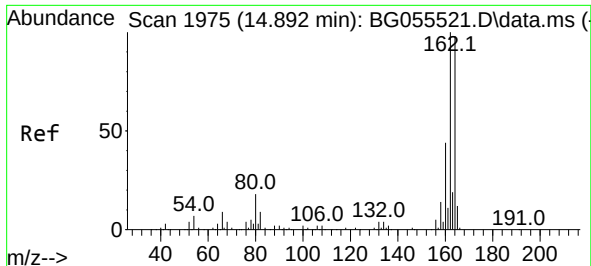
Tgt Ion: 82 Resp: 274957
Ion Ratio Lower Upper
82 100
128 41.4 32.6 49.0
54 60.0 47.3 70.9



#32
Benzoic acid
Concen: 4.414 ng
RT: 10.288 min Scan# 1191
Delta R.T. -0.062 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion: 122 Resp: 178
Ion Ratio Lower Upper
122 100
105 104.2 101.2 141.2
77 139.5 74.4 114.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1975

Delta R.T. -0.004 min

Lab File: BG055593.D

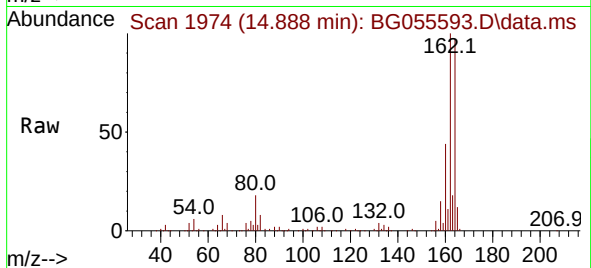
Acq: 12 Nov 2022 17:19

Instrument :

BNA_G

ClientSampleId :

20221178-COMP-13-MODIFIED-ELUTRIATE



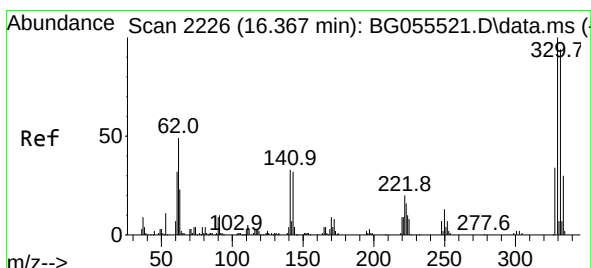
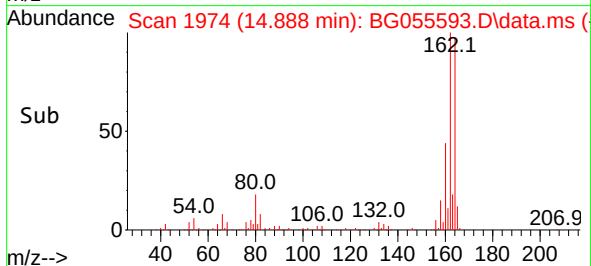
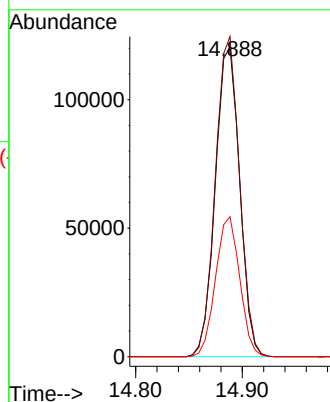
Tgt Ion:164 Resp: 190903

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

160 45.1 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 132.582 ng

RT: 16.369 min Scan# 2226

Delta R.T. 0.002 min

Lab File: BG055593.D

Acq: 12 Nov 2022 17:19

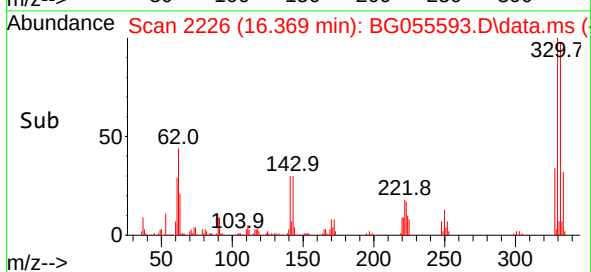
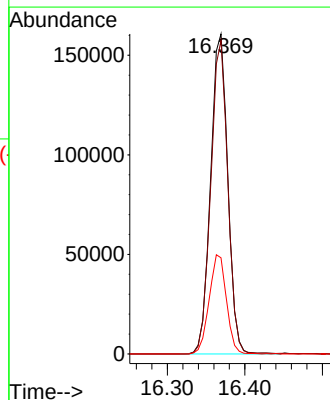
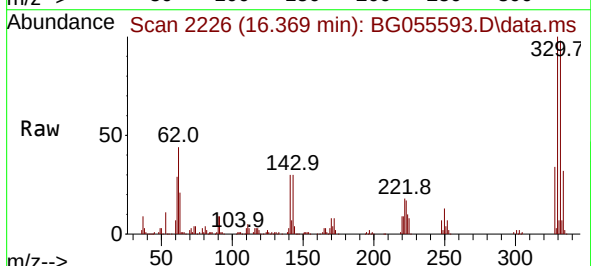
Tgt Ion:330 Resp: 246954

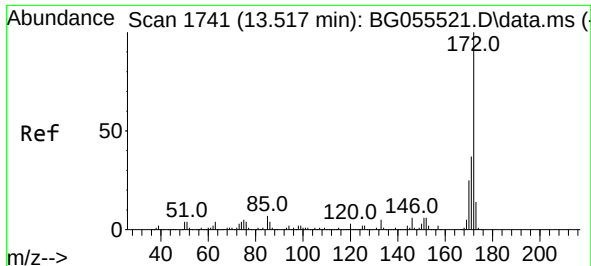
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 31.2 25.4 38.2

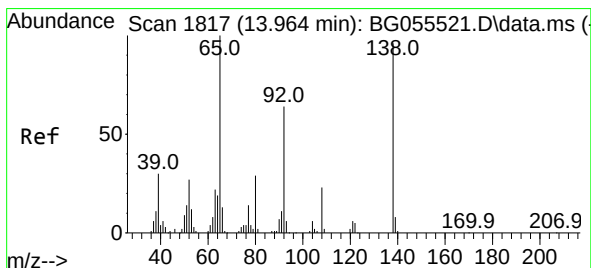
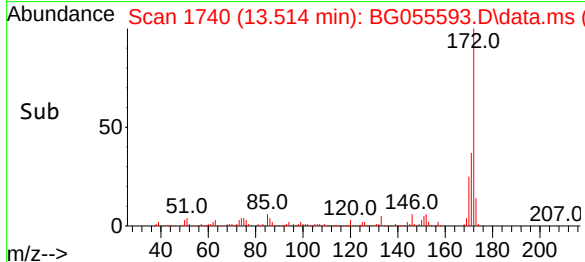
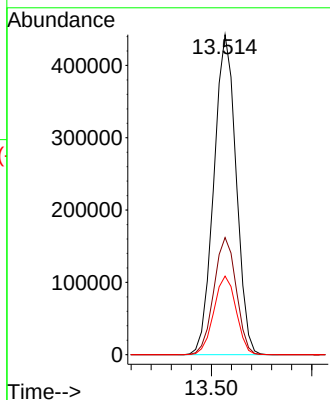
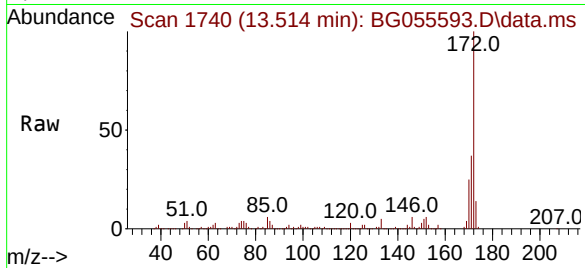




#45
2-Fluorobiphenyl
Concen: 53.770 ng
RT: 13.514 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

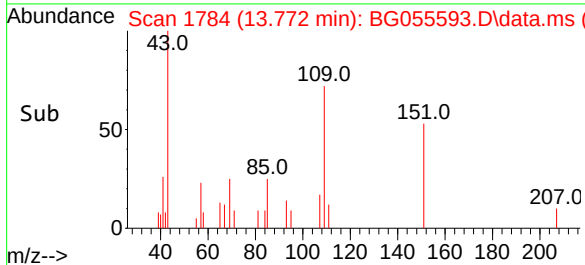
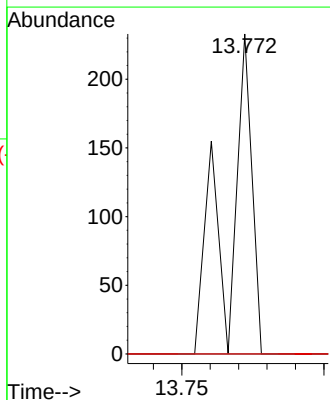
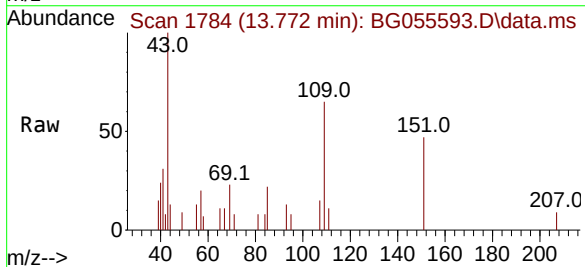
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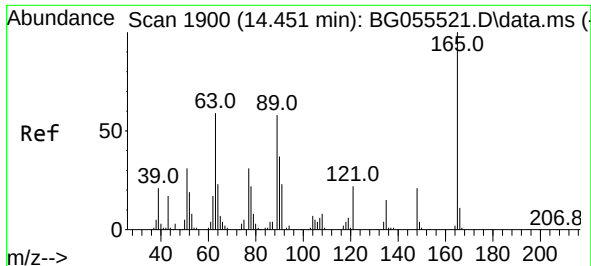
Tgt Ion:172 Resp: 680515
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 3.832 ng
RT: 13.772 min Scan# 1784
Delta R.T. -0.192 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion: 65 Resp: 137
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

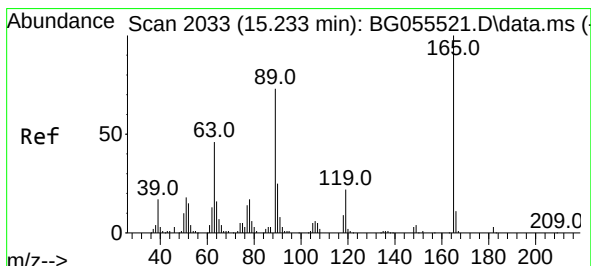
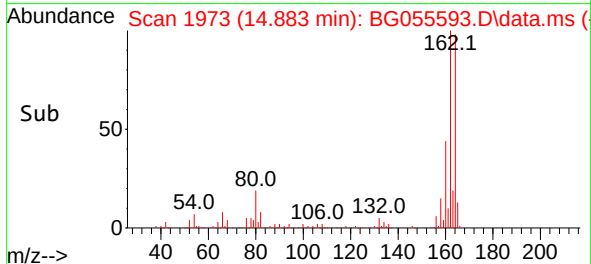
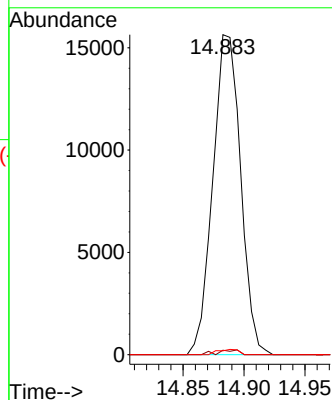
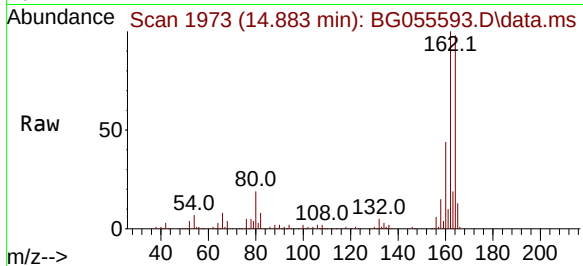




#51
2,6-Dinitrotoluene
Concen: 12.242 ng
RT: 14.883 min Scan# 1900
Delta R.T. 0.432 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

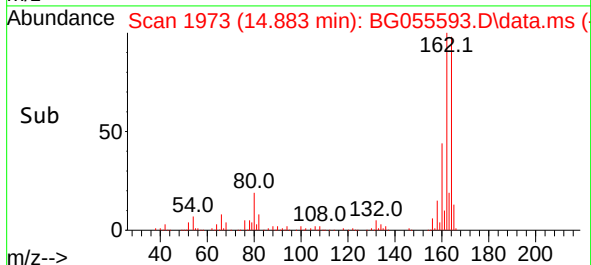
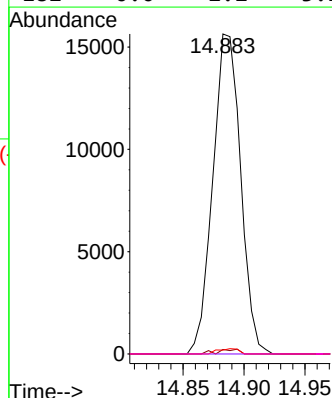
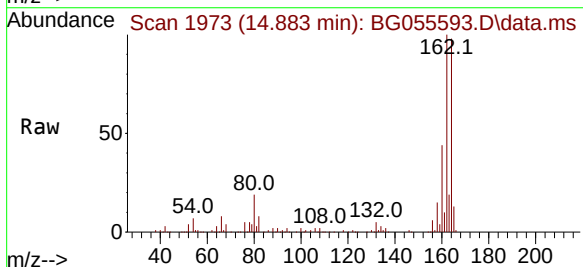
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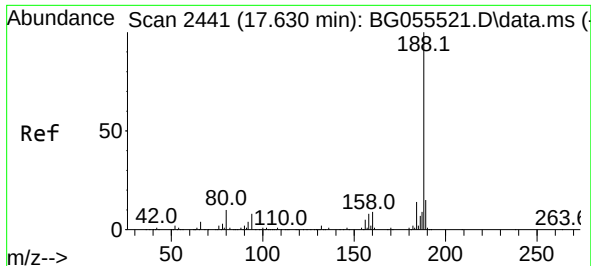
Tgt Ion:165 Resp: 24807
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.2 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.432 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.350 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:165 Resp: 24807
Ion Ratio Lower Upper
165 100
63 1.4 37.0 55.4#
89 1.2 58.6 87.8#
182 0.0 2.2 3.2#

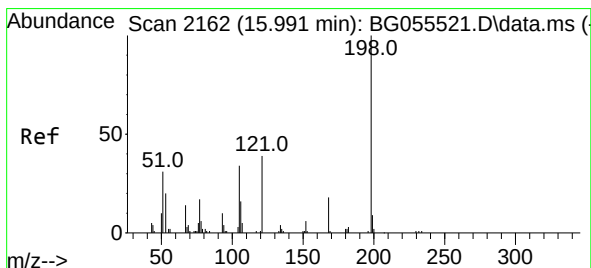
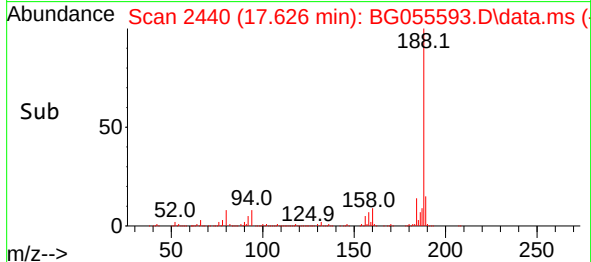
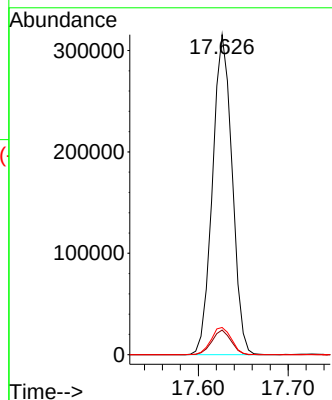
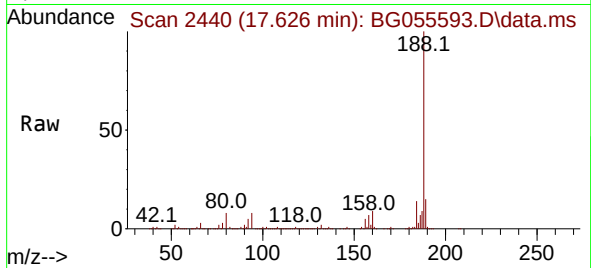




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

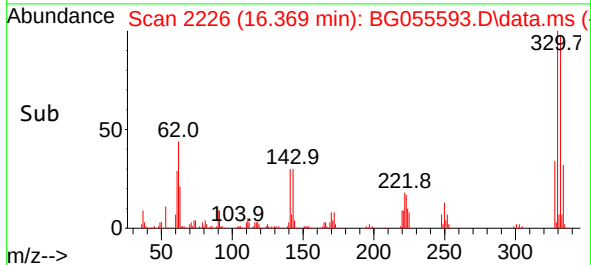
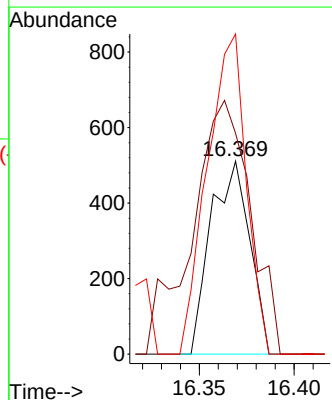
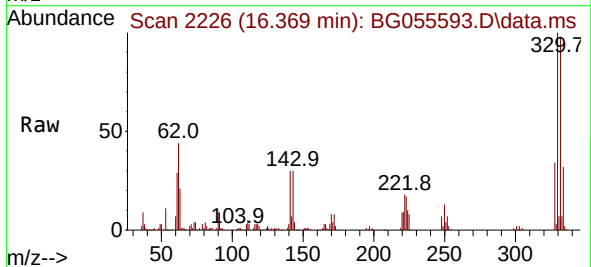
Instrument : BNA_G
ClientSampleId : 20221178-COMP-13-MODIFIED-ELUTRIATE

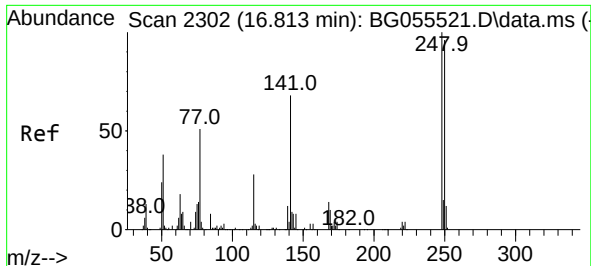
Tgt Ion:188 Resp: 478982
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.522 ng
RT: 16.369 min Scan# 2226
Delta R.T. 0.378 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:198 Resp: 728
Ion Ratio Lower Upper
198 100
51 114.5 24.7 64.7#
105 165.9 17.6 57.6#

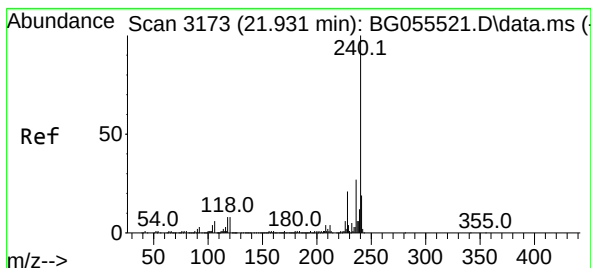
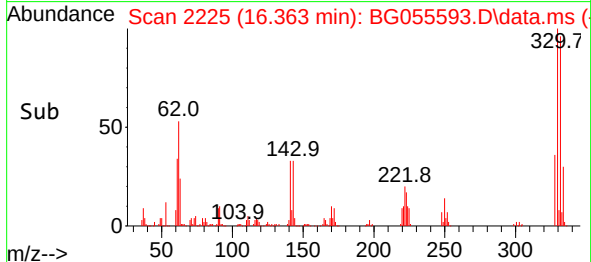
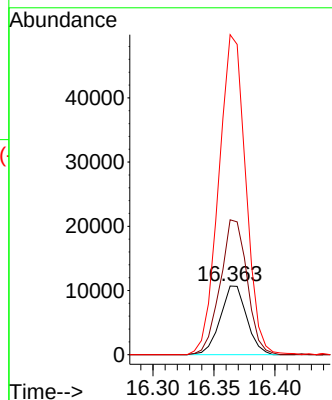
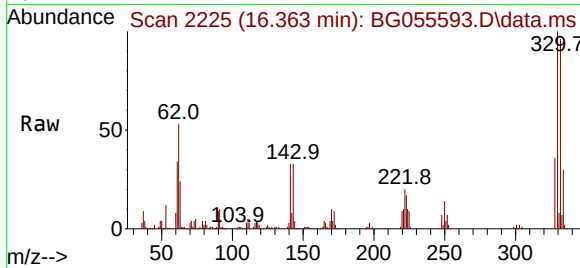




#67
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

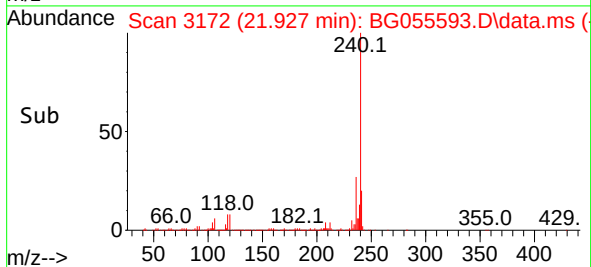
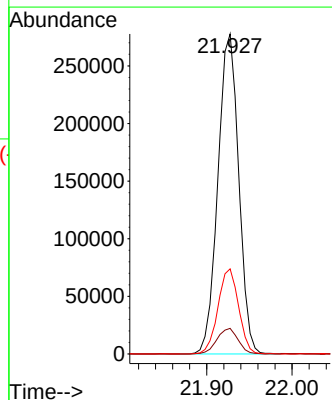
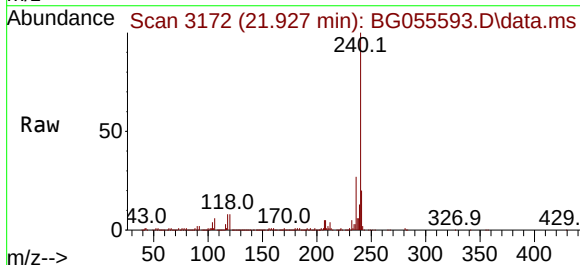
Instrument :
BNA_G
ClientSampleId :
20221178-COMP-13-MODIFIED-ELUTRIATE

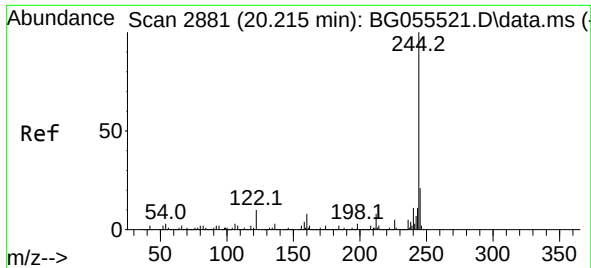
Tgt Ion:248 Resp: 16169
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 466.0 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:240 Resp: 470517
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 26.6 21.4 32.0

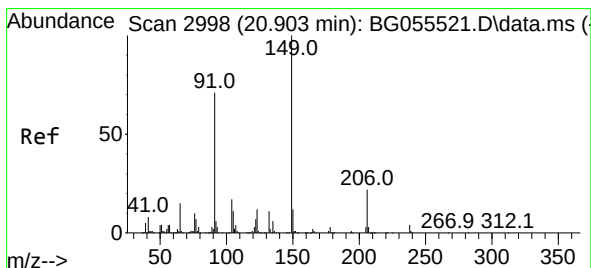
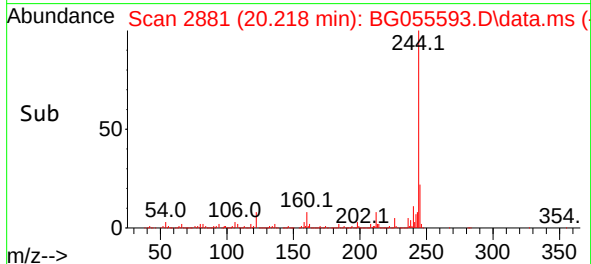
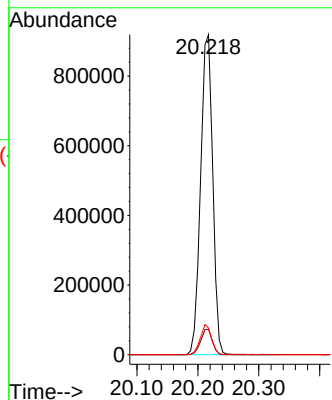
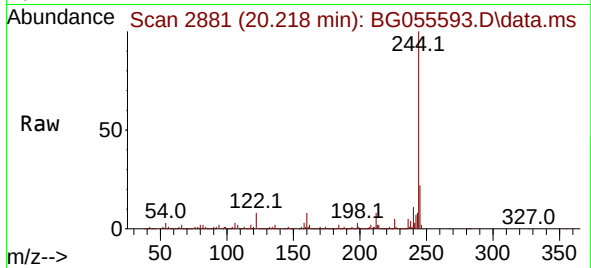




#79
 Terphenyl-d14
 Concen: 54.201 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

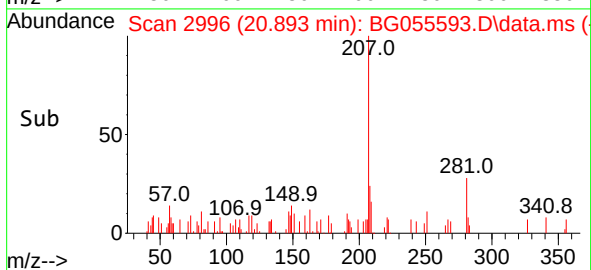
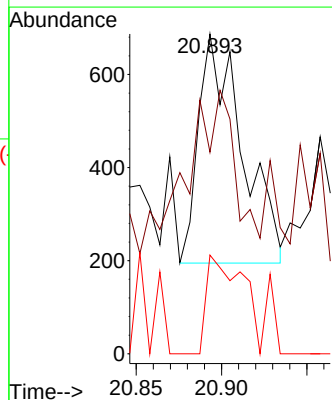
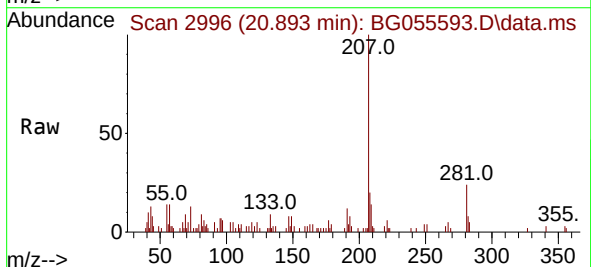
Instrument :
 BNA_G
 ClientSampleId :
 20221178-COMP-13-MODIFIED-ELUTRIATE

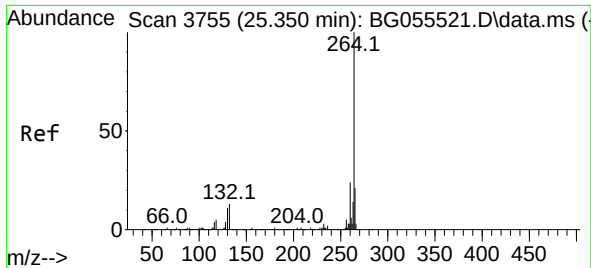
Tgt Ion:244 Resp: 1269694
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.4 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.431 ng
 RT: 20.893 min Scan# 2996
 Delta R.T. -0.010 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

Tgt Ion:149 Resp: 873
 Ion Ratio Lower Upper
 149 100
 91 63.0 56.8 85.2
 206 30.9 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.347 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

Instrument :
 BNA_G
 ClientSampleId :
 20221178-COMP-13-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 493707
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.7 17.1 25.7

