

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055532.D
 Acq On : 9 Nov 2022 20:52
 Operator : CG/JU
 Sample : N5360-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221179-COMP-14-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:32:14 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)

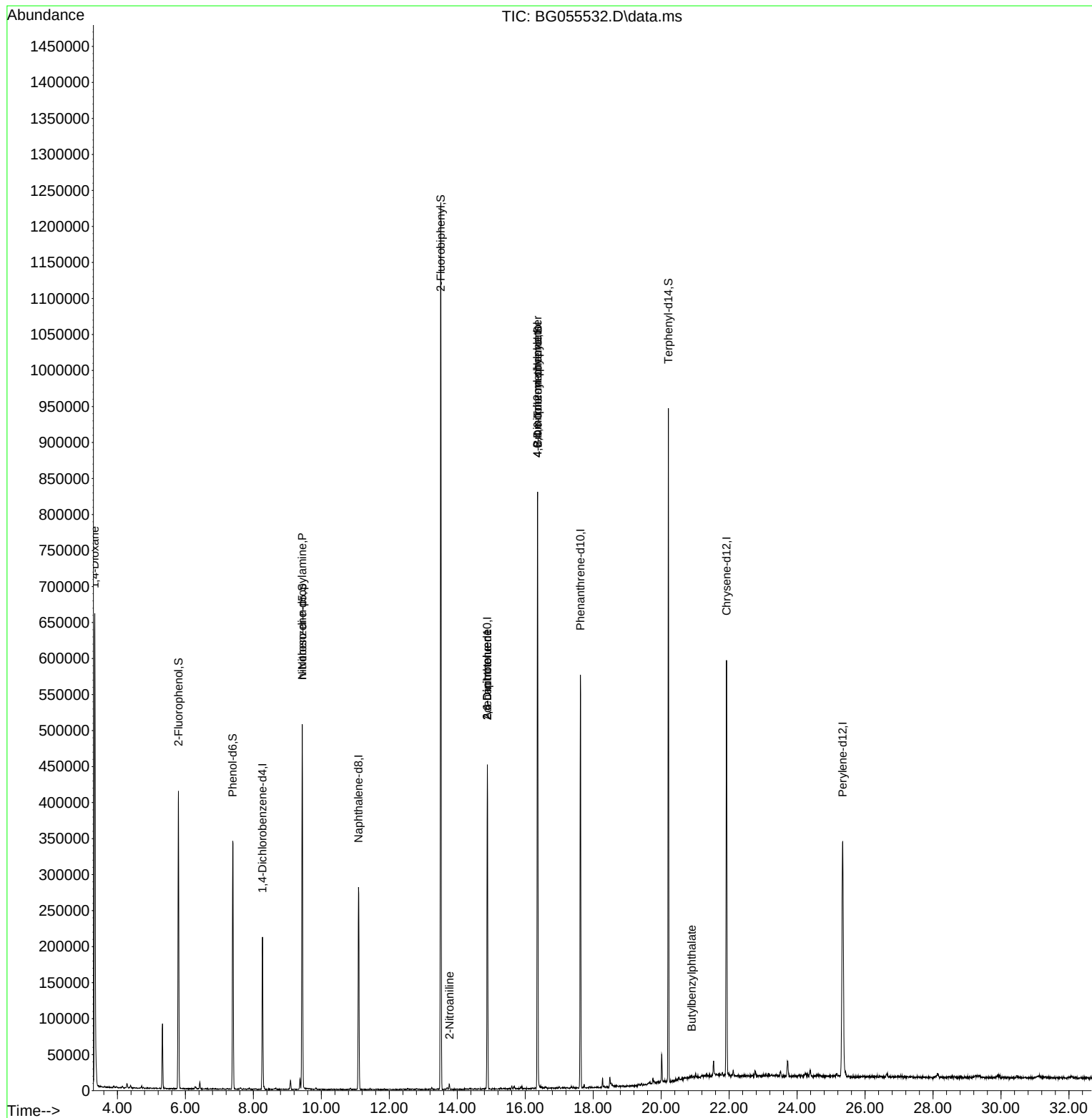
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	58803	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	241621	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	162338	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	372731	20.000	ng	0.00
76) Chrysene-d12	21.924	240	358793	20.000	ng	0.00
86) Perylene-d12	25.344	264	372871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	176347	57.122	ng	0.00
7) Phenol-d6	7.394	99	191620	44.934	ng	0.00
23) Nitrobenzene-d5	9.439	82	282877	79.367	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	166154	104.899	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	637352	59.221	ng	0.00
79) Terphenyl-d14	20.215	244	465767	26.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.329	88	6785	4.327	ng	# 1
19) n-Nitroso-di-n-propyla...	9.439	70	39012	11.069	ng	# 84
48) 2-Nitroaniline	13.769	65	154	3.847	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	21675	12.492	ng	# 22
57) 2,4-Dinitrotoluene	14.886	165	21675	10.619	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.360	198	540	2.492	ng	# 1
67) 4-Bromophenyl-phenylether	16.360	248	11301	2.972	ng	# 1
80) Butylbenzylphthalate	20.902	149	442	3.409	ng	# 83

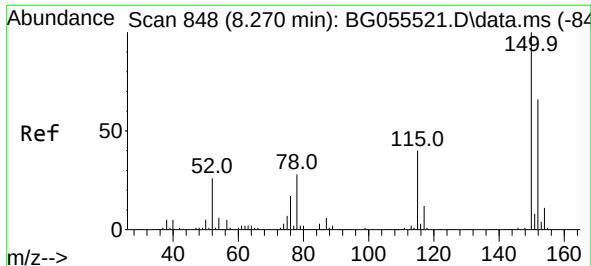
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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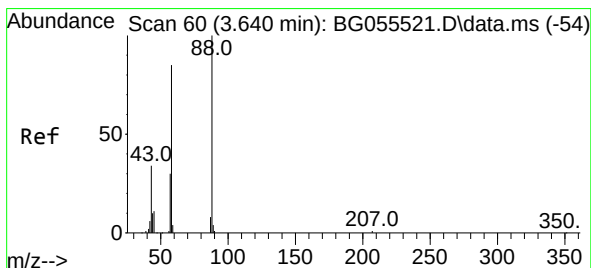
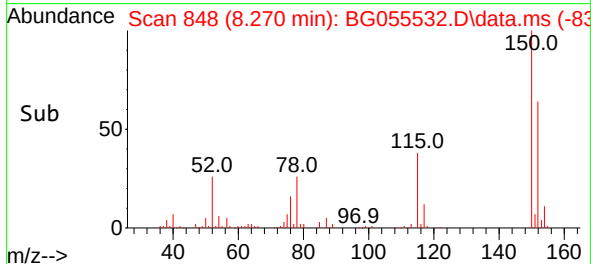
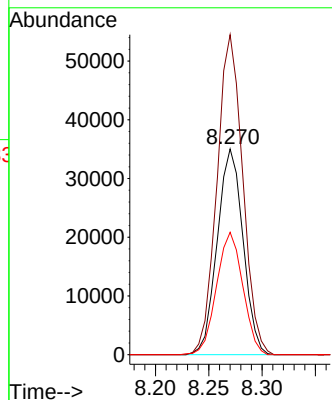
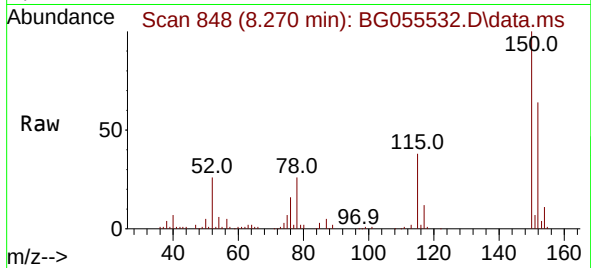




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BG055532.D
 Acq: 9 Nov 2022 20:52

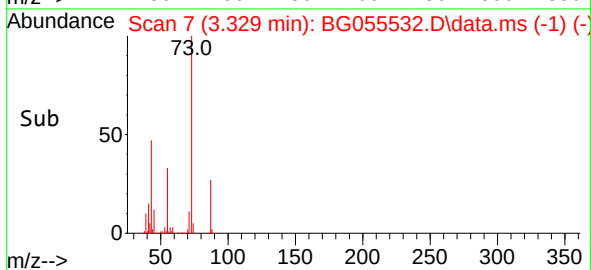
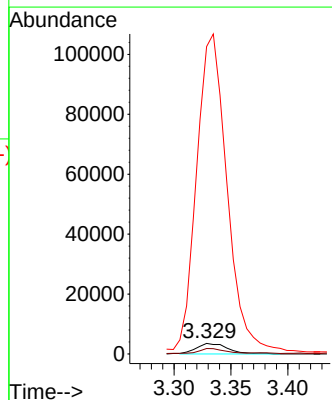
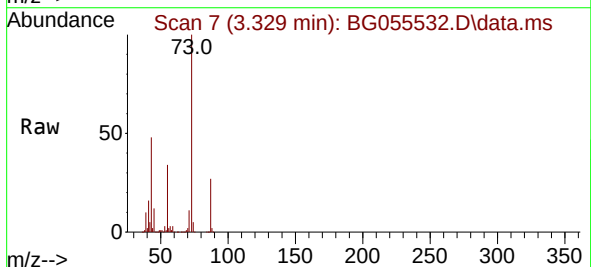
Instrument :
 BNA_G
 ClientSampleId :
 20221179-COMP-14-MODIFIED-ELUTRIATE

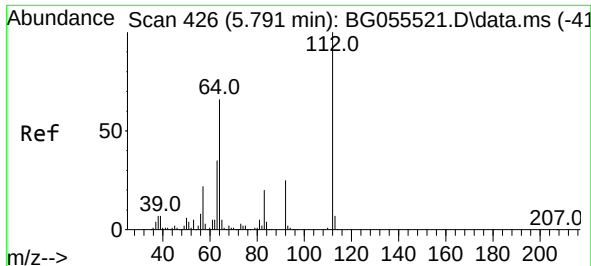
Tgt Ion:152 Resp: 58803
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.0 181.4
 115 59.5 47.8 71.8



#2
 1,4-Dioxane
 Concen: 4.327 ng
 RT: 3.329 min Scan# 7
 Delta R.T. -0.311 min
 Lab File: BG055532.D
 Acq: 9 Nov 2022 20:52

Tgt Ion: 88 Resp: 6785
 Ion Ratio Lower Upper
 88 100
 58 35.3 68.9 103.3#
 43 2893.9 27.1 40.7#

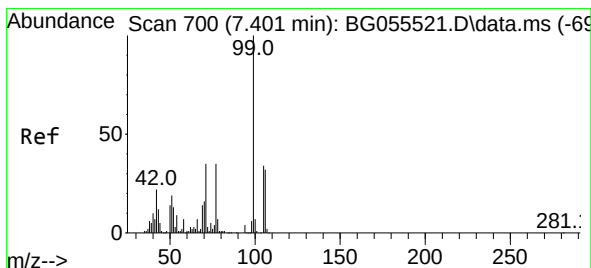
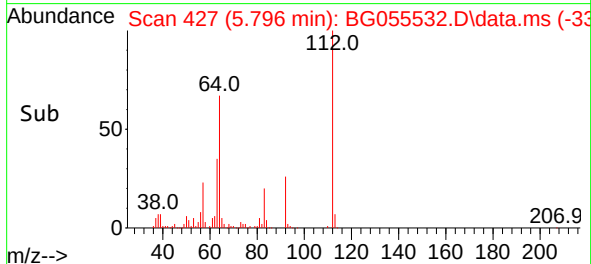
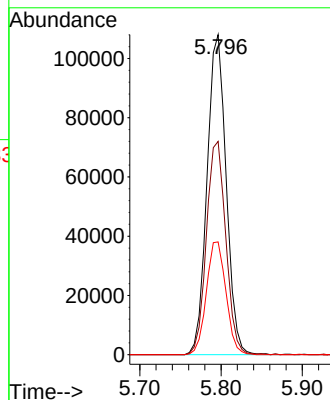
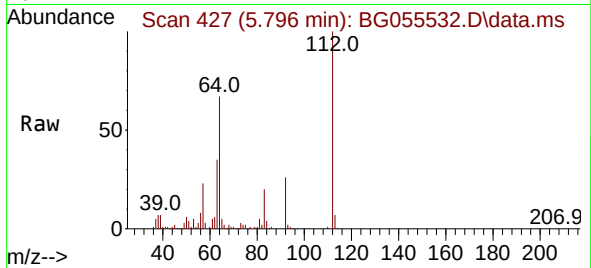




#5
2-Fluorophenol
Concen: 57.122 ng
RT: 5.796 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

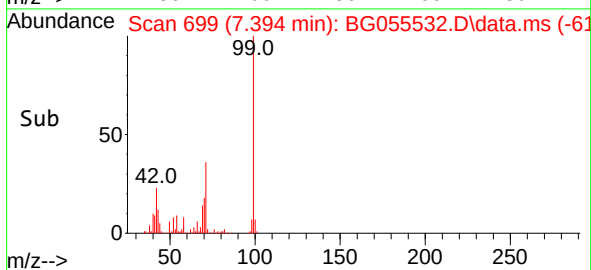
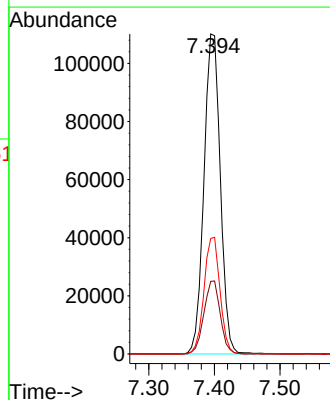
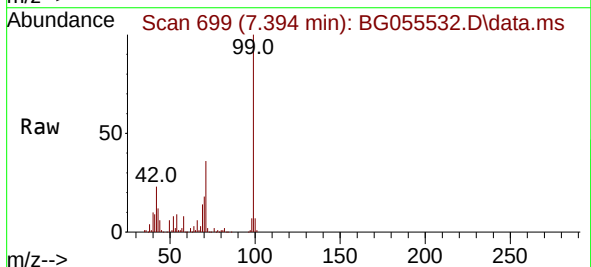
Instrument :
BNA_G
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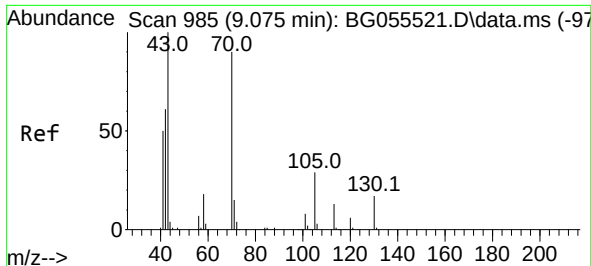
Tgt Ion:112 Resp: 176347
Ion Ratio Lower Upper
112 100
64 66.7 52.6 78.8
63 35.3 28.3 42.5



#7
Phenol-d6
Concen: 44.934 ng
RT: 7.394 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

Tgt Ion: 99 Resp: 191620
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 36.1 28.3 42.5

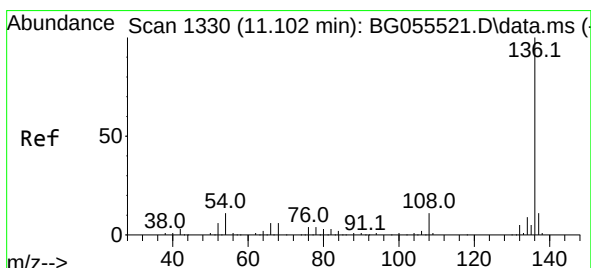
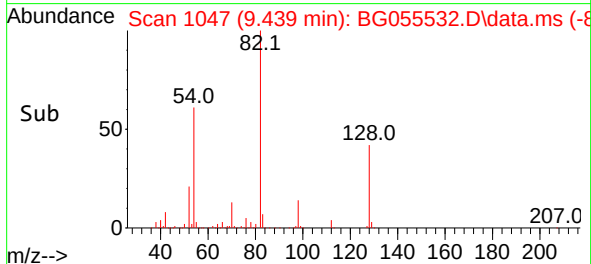
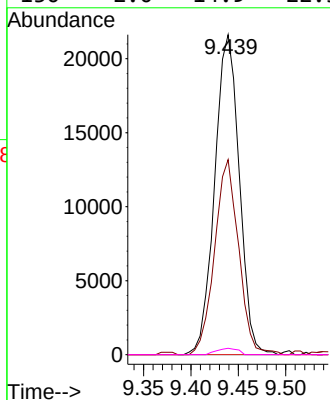
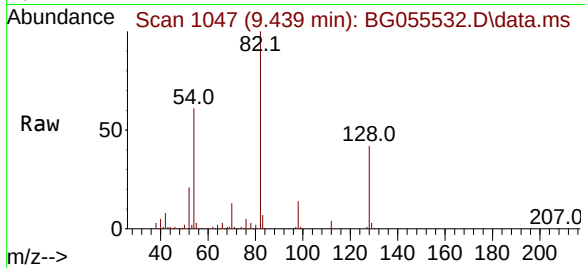




#19
n-Nitroso-di-n-propylamine
Concen: 11.069 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

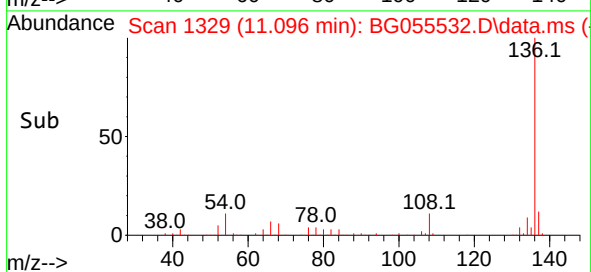
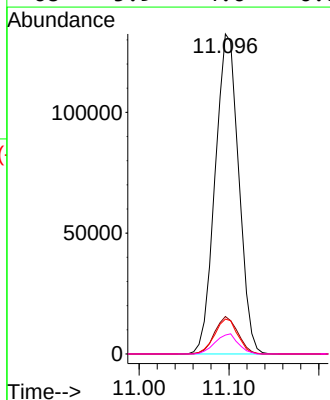
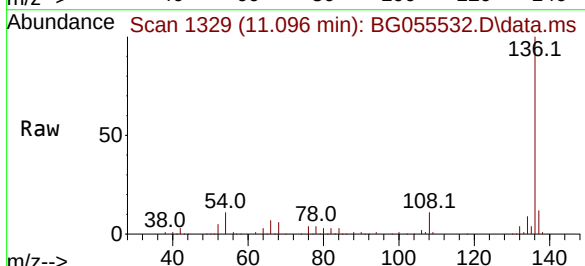
Instrument :
BNA_G
ClientSampleId :
20221179-COMP-14-MODIFIED-ELUTRIATE

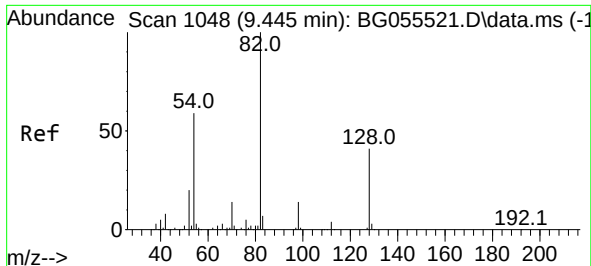
Tgt Ion:	70	Resp:	39012
Ion Ratio	Lower	Upper	
70	100		
42	61.0	54.8	82.2
101	0.0	6.8	10.2#
130	2.0	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

Tgt Ion:	136	Resp:	241621
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.6	12.8
54	10.9	8.6	12.8
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 79.367 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055532.D

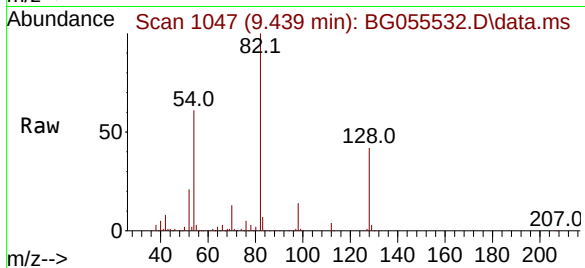
Acq: 9 Nov 2022 20:52

Instrument :

BNA_G

ClientSampleId :

20221179-COMP-14-MODIFIED-ELUTRIATE



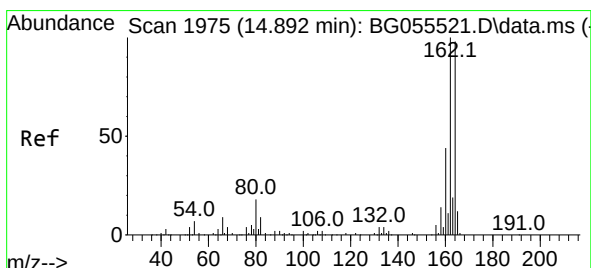
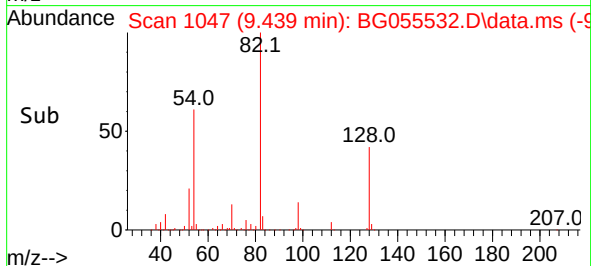
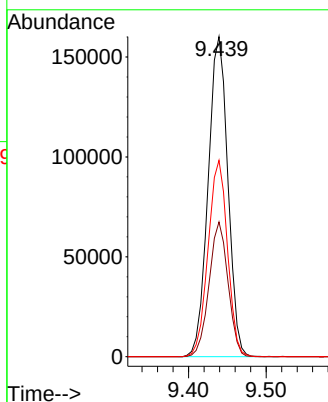
Tgt Ion: 82 Resp: 282877

Ion Ratio Lower Upper

82 100

128 42.1 32.6 49.0

54 61.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055532.D

Acq: 9 Nov 2022 20:52

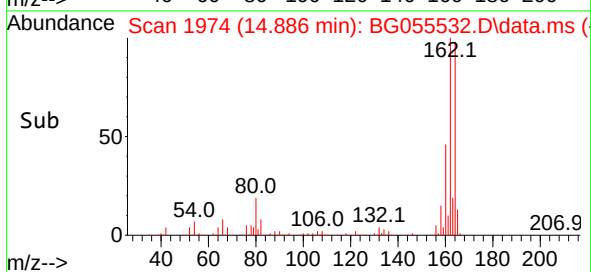
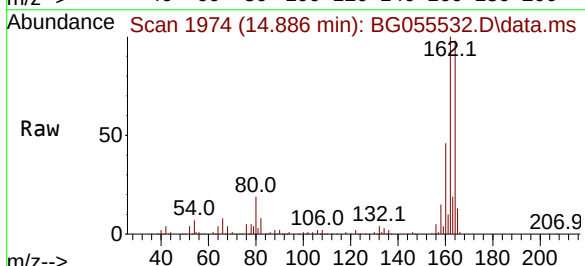
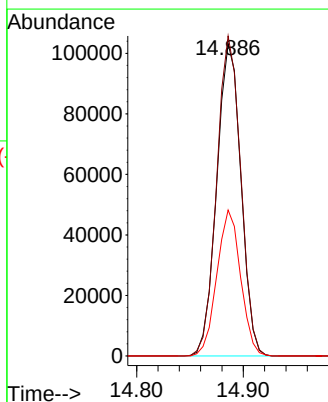
Tgt Ion:164 Resp: 162338

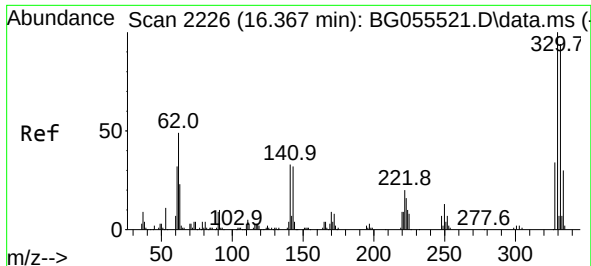
Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 46.7 35.9 53.9

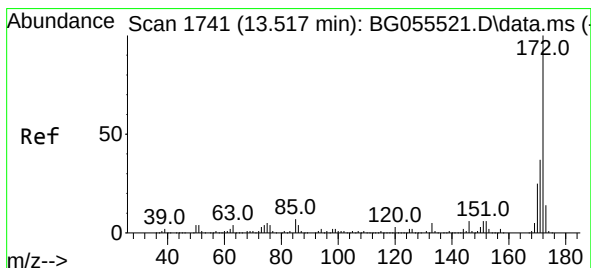
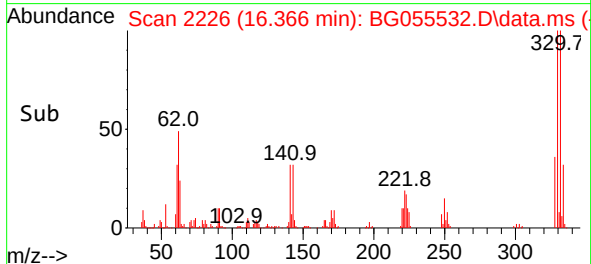
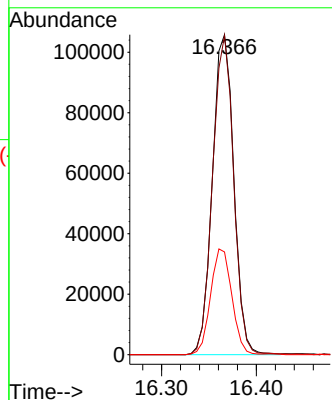
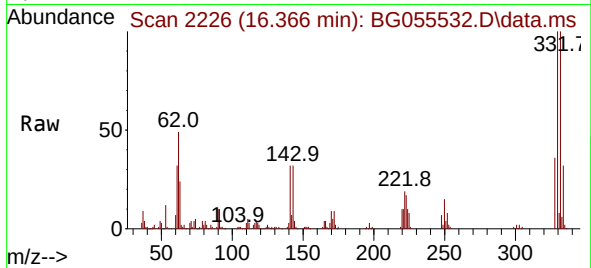




#42
 2,4,6-Tribromophenol
 Concen: 104.899 ng
 RT: 16.366 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055532.D
 Acq: 9 Nov 2022 20:52

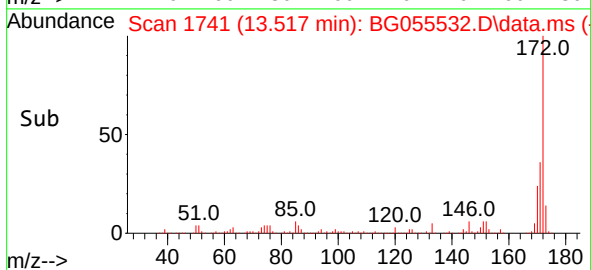
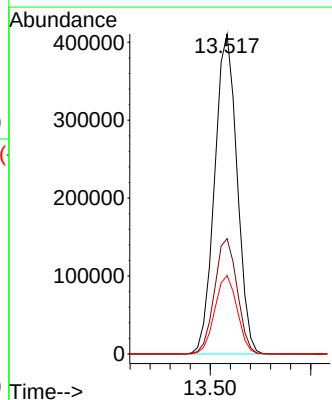
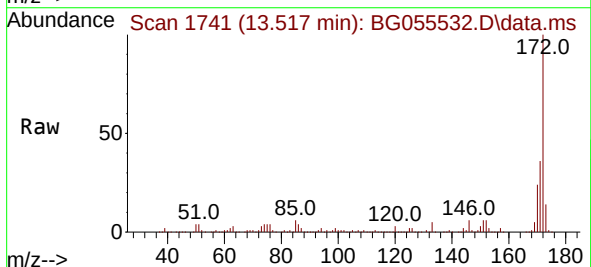
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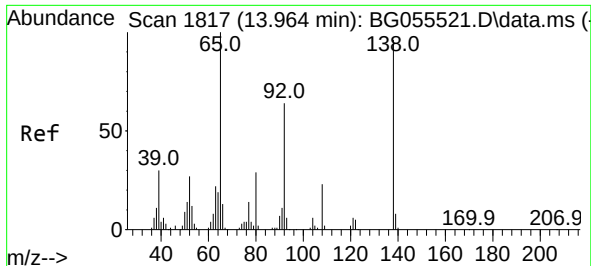
Tgt Ion:330 Resp: 166154
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 32.8 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 59.221 ng
 RT: 13.517 min Scan# 1741
 Delta R.T. -0.000 min
 Lab File: BG055532.D
 Acq: 9 Nov 2022 20:52

Tgt Ion:172 Resp: 637352
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 19.8 29.6

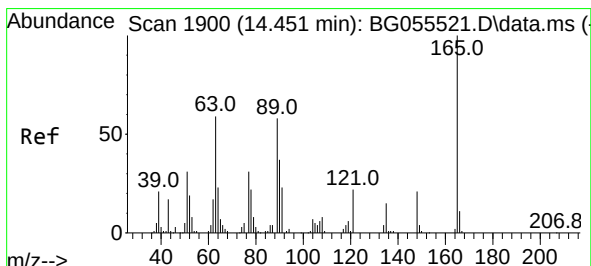
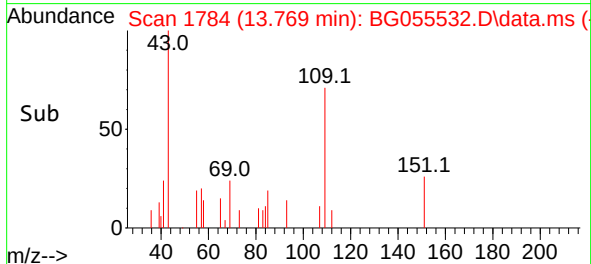
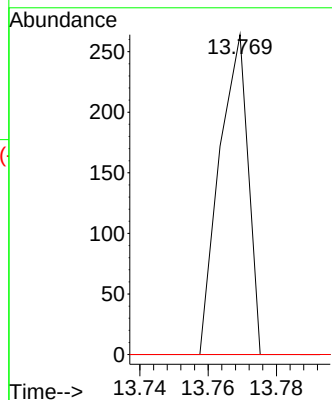
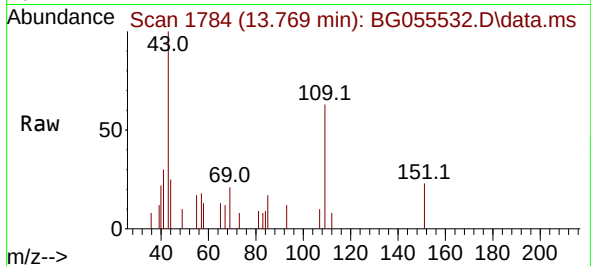




#48
2-Nitroaniline
Concen: 3.847 ng
RT: 13.769 min Scan# 1
Delta R.T. -0.195 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

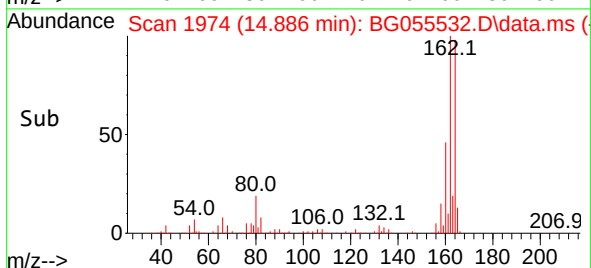
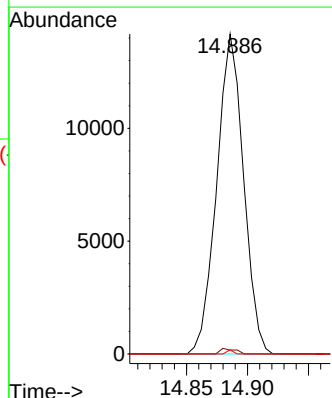
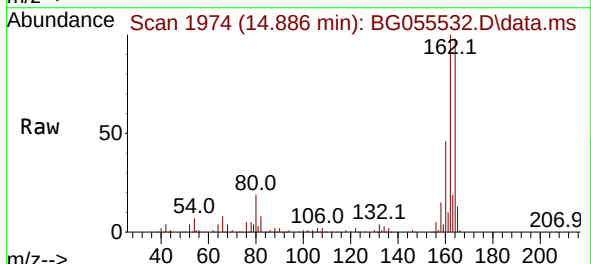
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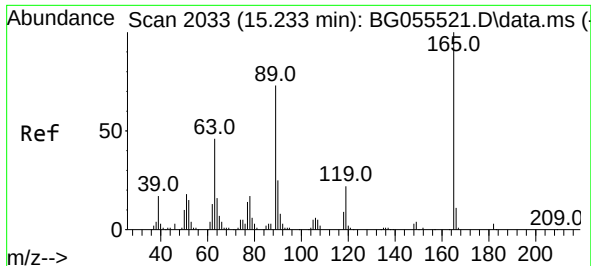
Tgt Ion: 65 Resp: 154
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.492 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

Tgt Ion:165 Resp: 21675
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.3 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.619 ng

RT: 14.886 min Scan# 14

Delta R.T. -0.347 min

Lab File: BG055532.D

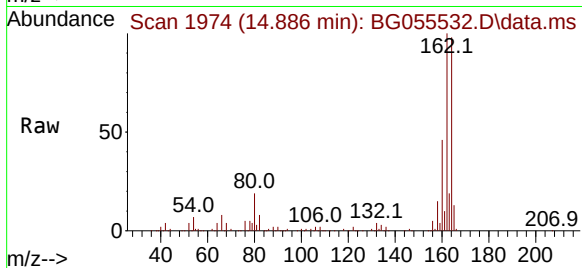
Acq: 9 Nov 2022 20:52

Instrument :

BNA_G

ClientSampleId :

20221179-COMP-14-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 21675

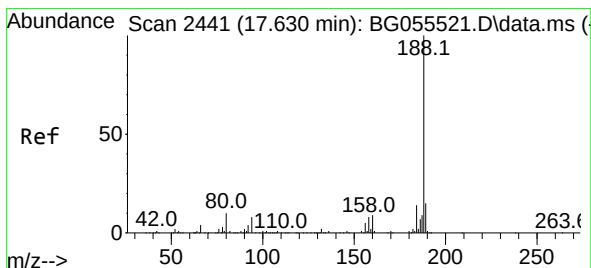
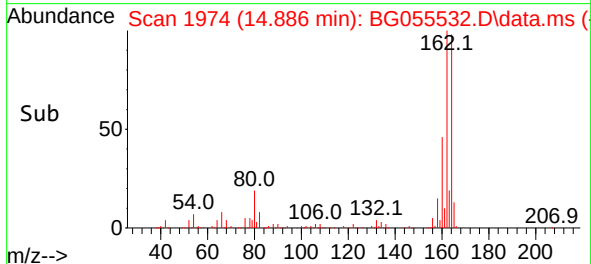
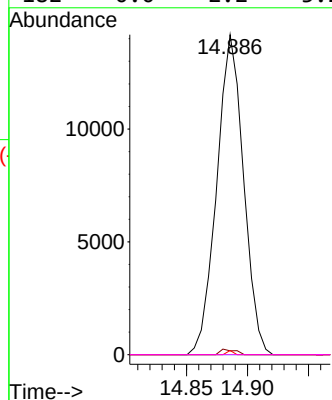
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.4#

89 1.3 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG055532.D

Acq: 9 Nov 2022 20:52

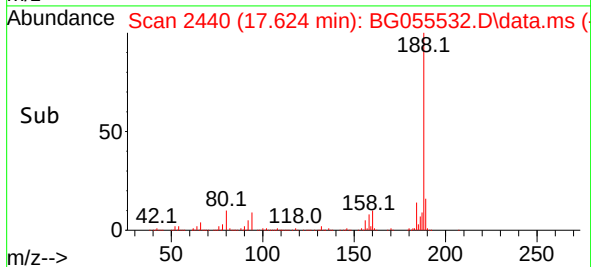
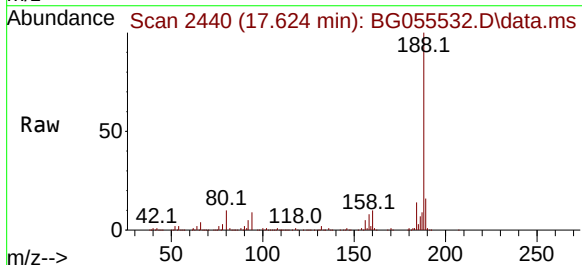
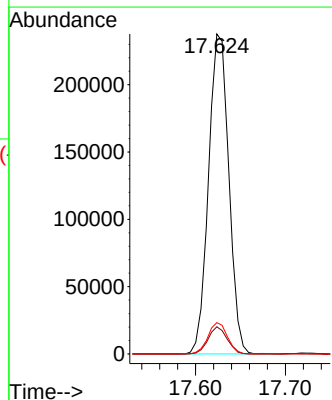
Tgt Ion:188 Resp: 372731

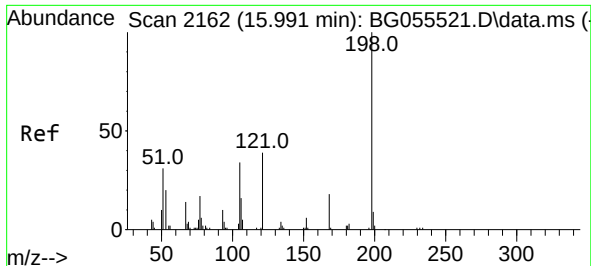
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.8 7.6 11.4

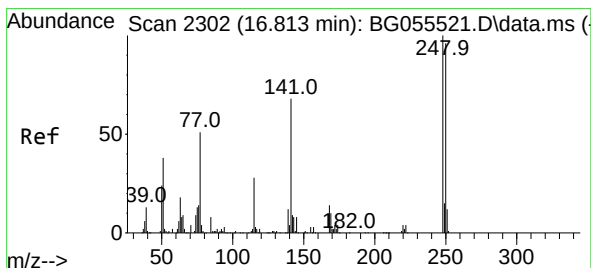
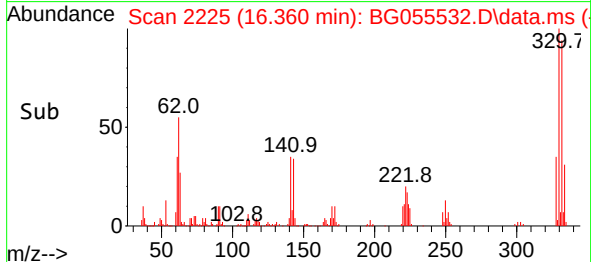
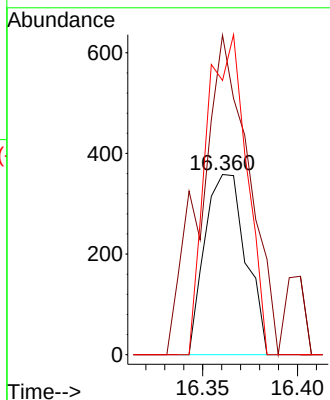
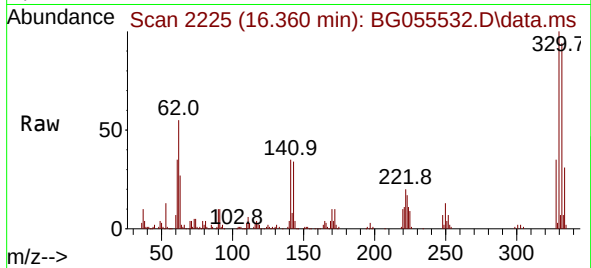




#65
4,6-Dinitro-2-methylphenol
Concen: 2.492 ng
RT: 16.360 min Scan# 2162
Delta R.T. 0.369 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

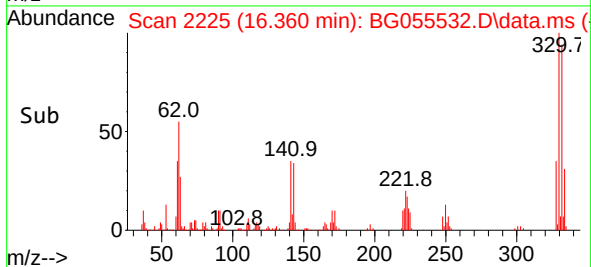
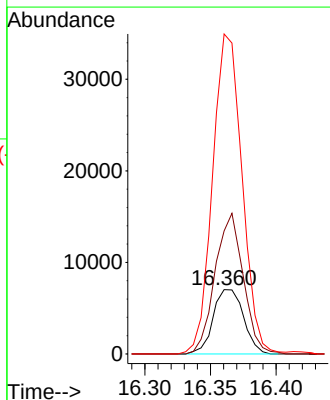
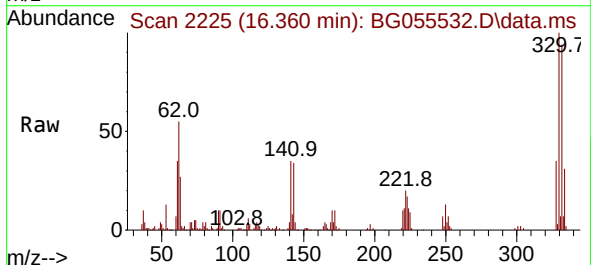
Instrument : BNA_G
ClientSampleId : 20221179-COMP-14-MODIFIED-ELUTRIATE

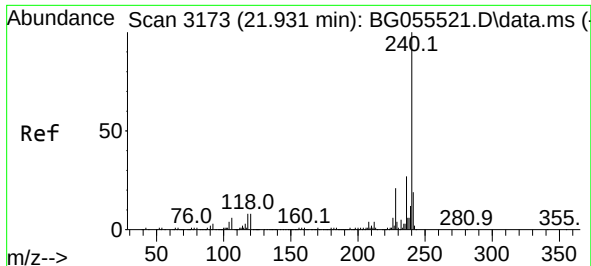
Tgt Ion:198 Resp: 540
Ion Ratio Lower Upper
198 100
51 177.4 24.7 64.7#
105 152.2 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 2.972 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.453 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

Tgt Ion:248 Resp: 11301
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 497.1 54.3 81.5#

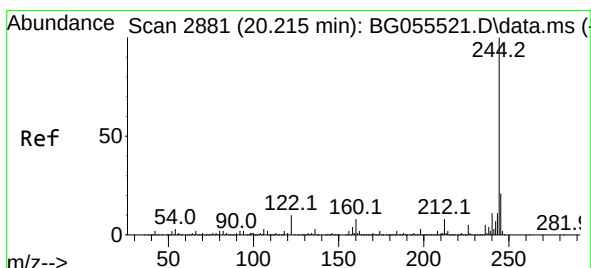
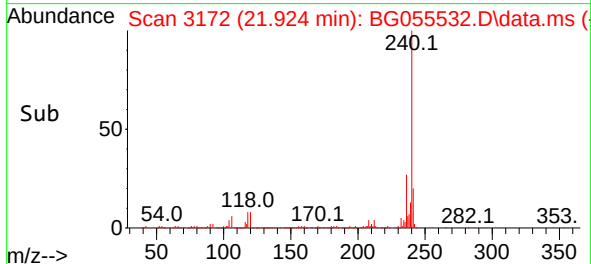
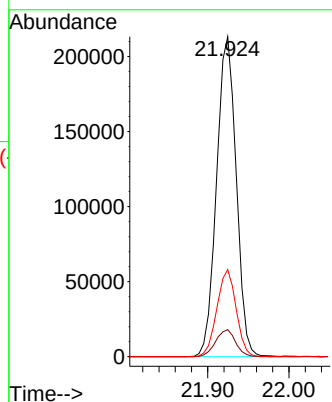
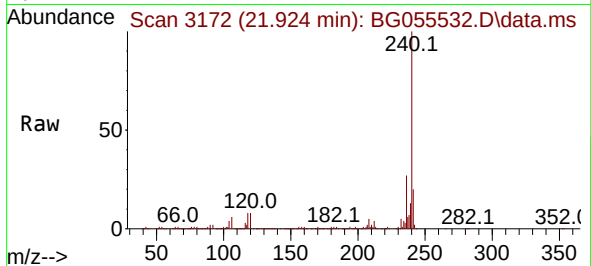




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

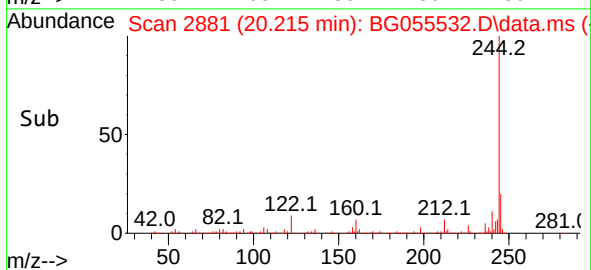
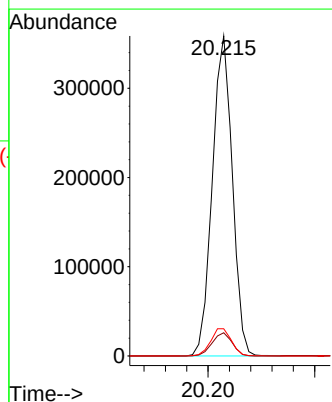
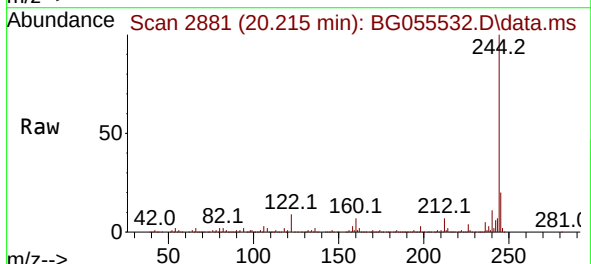
Instrument :
BNA_G
ClientSampleId :
20221179-COMP-14-MODIFIED-ELUTRIATE

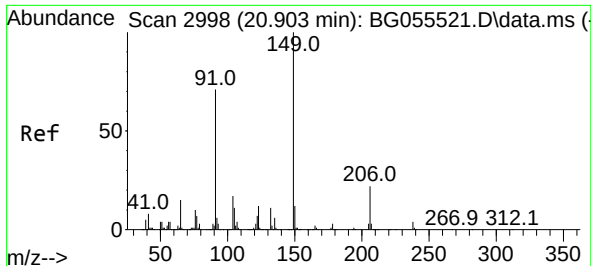
Tgt Ion:240 Resp: 358793
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 27.2 21.4 32.0



#79
Terphenyl-d14
Concen: 26.074 ng
RT: 20.215 min Scan# 2881
Delta R.T. -0.000 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

Tgt Ion:244 Resp: 465767
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.5 7.7 11.5

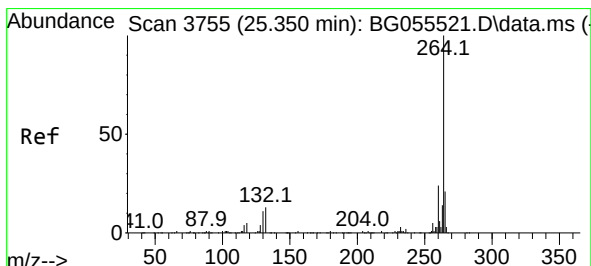
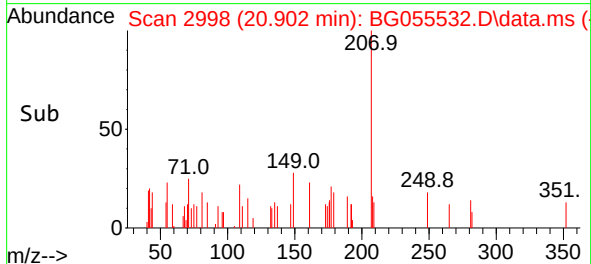
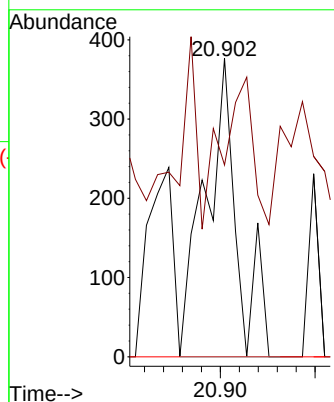
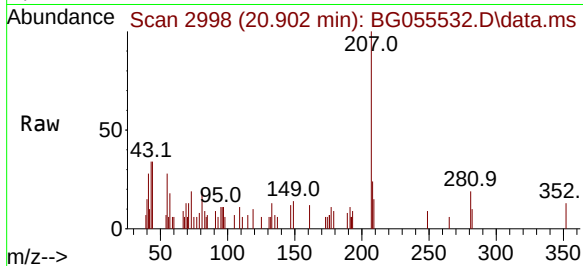




#80
Butylbenzylphthalate
Concen: 3.409 ng
RT: 20.902 min Scan# 2998
Delta R.T. -0.001 min
Lab File: BG055532.D
Acq: 9 Nov 2022 20:52

Instrument :
BNA_G
ClientSampleId :
20221179-COMP-14-MODIFIED-ELUTRIATE

Tgt Ion:149 Resp: 442
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 0.0 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: BG055532.D
Acq: 9 Nov 2022 20:52

Tgt Ion:264 Resp: 372871
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 20.5 17.1 25.7

