

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055591.D
 Acq On : 12 Nov 2022 15:53
 Operator : CG/JU
 Sample : N5431-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221176-COMP-11-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:27:45 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)

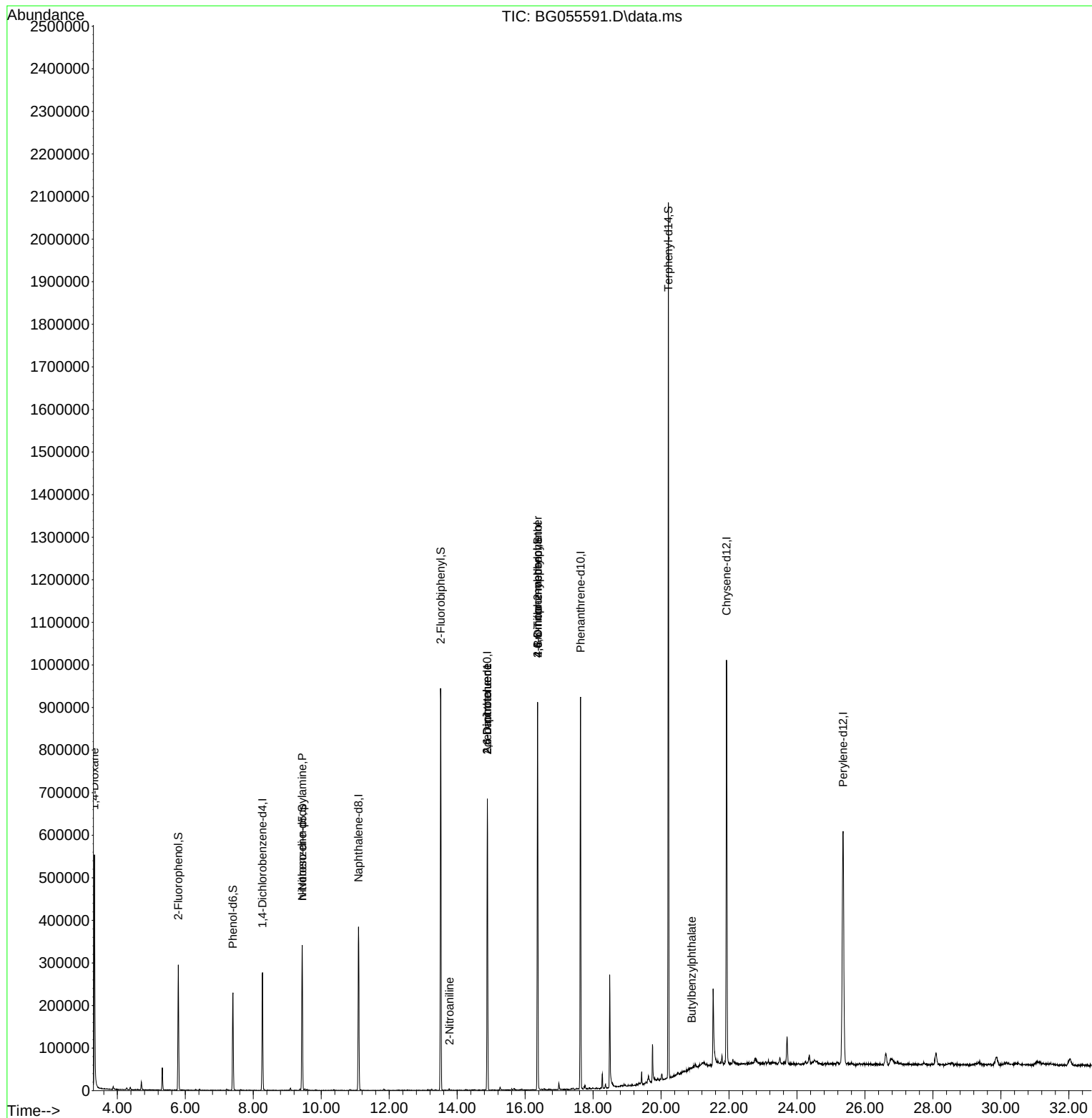
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	79208	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	326431	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	245451	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	602941	20.000	ng	0.00
76) Chrysene-d12	21.925	240	603038	20.000	ng	0.00
86) Perylene-d12	25.356	264	645612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	122685	29.502	ng	0.00
7) Phenol-d6	7.401	99	125302	21.813	ng	0.00
23) Nitrobenzene-d5	9.440	82	200179	41.572	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	188598	78.751	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	506295	31.114	ng	0.00
79) Terphenyl-d14	20.215	244	981600	32.694	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	4618	2.186	ng	# 1
19) n-Nitroso-di-n-propyla...	9.440	70	26491	5.580	ng	# 80
48) 2-Nitroaniline	13.776	65	57	3.802	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	32157	12.316	ng	# 21
57) 2,4-Dinitrotoluene	14.886	165	32157	10.488	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.367	198	410	2.168	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	12305	2.000	ng	# 1
80) Butylbenzylphthalate	20.903	149	912	3.419	ng	# 84

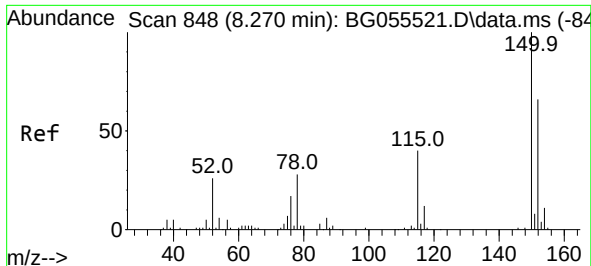
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
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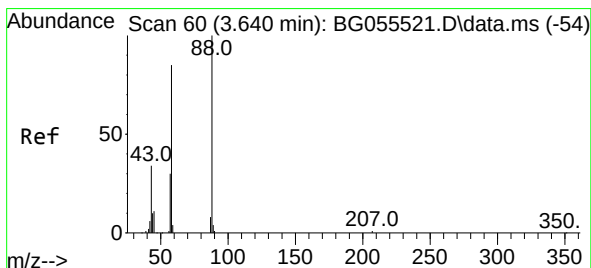
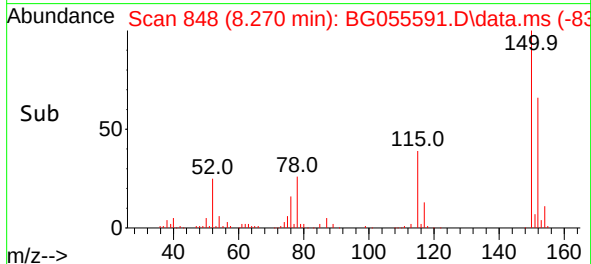
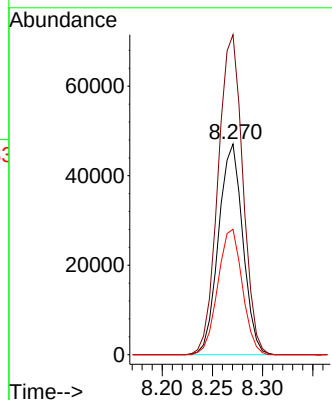
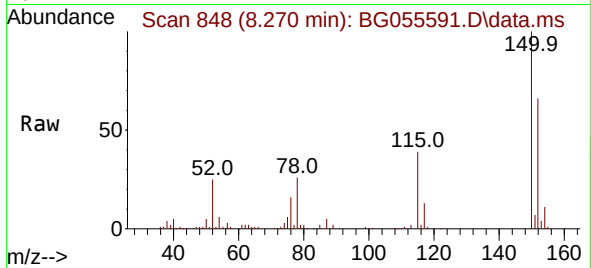




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG055591.D
 Acq: 12 Nov 2022 15:53

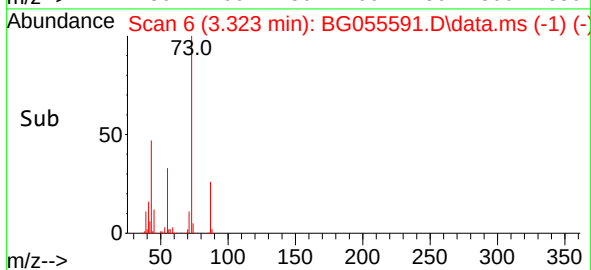
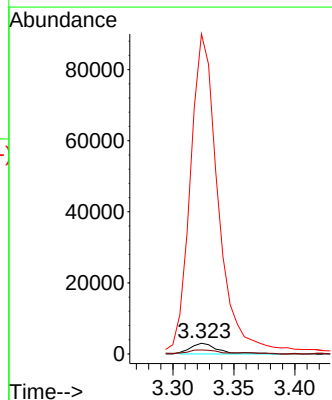
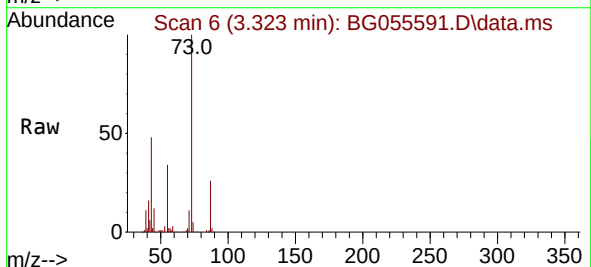
Instrument :
 BNA_G
 ClientSampleId :
 20221176-COMP-11-MODIFIED-ELUTRIATE

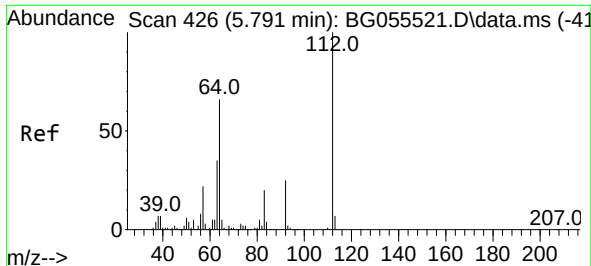
Tgt Ion:152 Resp: 79208
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.0 181.4
 115 59.5 47.8 71.8



#2
 1,4-Dioxane
 Concen: 2.186 ng
 RT: 3.323 min Scan# 6
 Delta R.T. -0.317 min
 Lab File: BG055591.D
 Acq: 12 Nov 2022 15:53

Tgt Ion: 88 Resp: 4618
 Ion Ratio Lower Upper
 88 100
 58 25.7 68.9 103.3#
 43 2989.9 27.1 40.7#

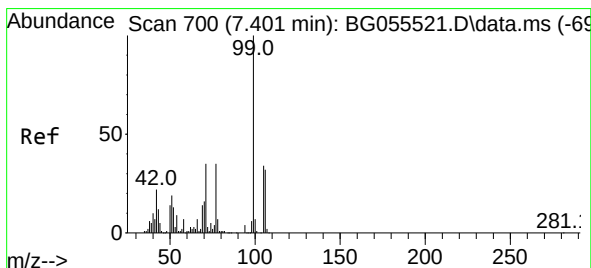
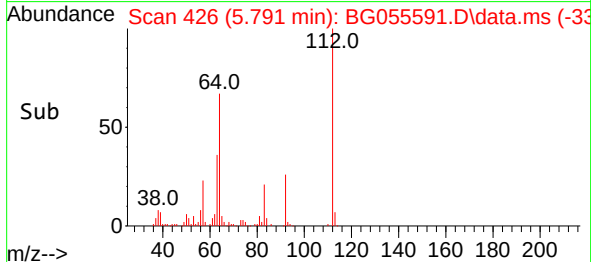
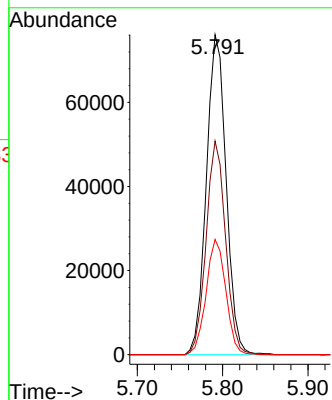
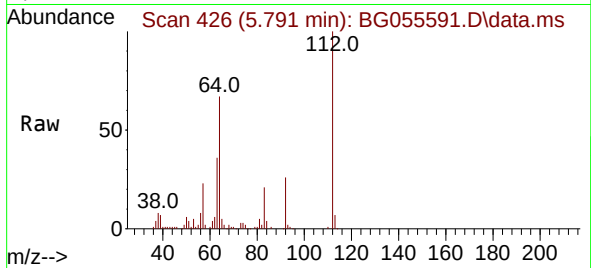




#5
2-Fluorophenol
Concen: 29.502 ng
RT: 5.791 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

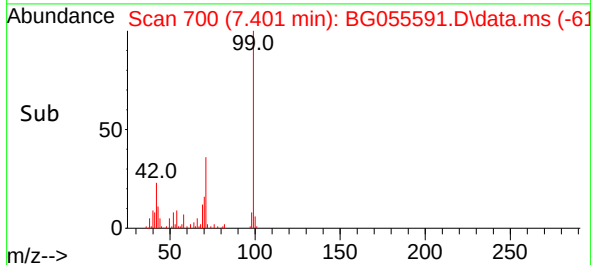
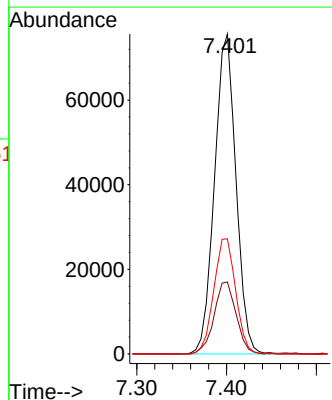
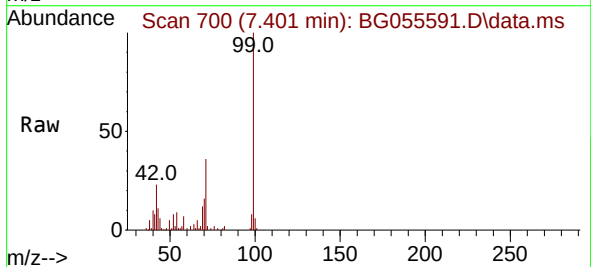
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

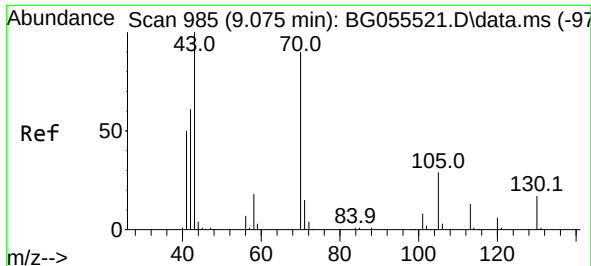
Tgt Ion: 112 Resp: 122685
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 36.0 28.3 42.5



#7
Phenol-d6
Concen: 21.813 ng
RT: 7.401 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion: 99 Resp: 125302
Ion Ratio Lower Upper
99 100
42 22.5 17.5 26.3
71 36.0 28.3 42.5





#19

n-Nitroso-di-n-propylamine

Concen: 5.580 ng

RT: 9.440 min Scan# 1047

Delta R.T. 0.365 min

Lab File: BG055591.D

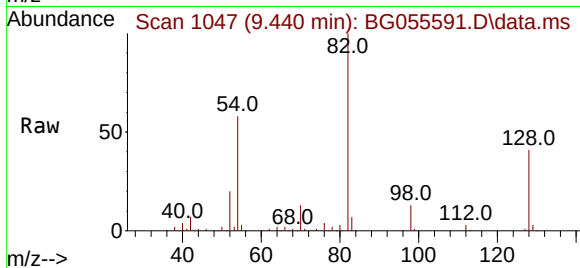
Acq: 12 Nov 2022 15:53

Instrument :

BNA_G

ClientSampleId :

20221176-COMP-11-MODIFIED-ELUTRIATE



Tgt Ion: 70 Resp: 26491

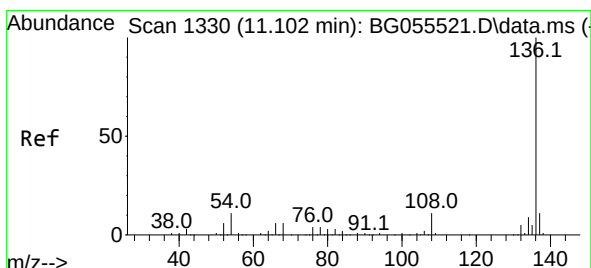
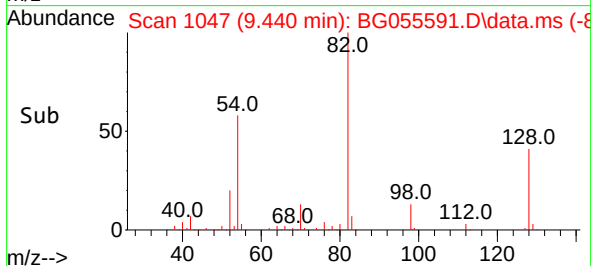
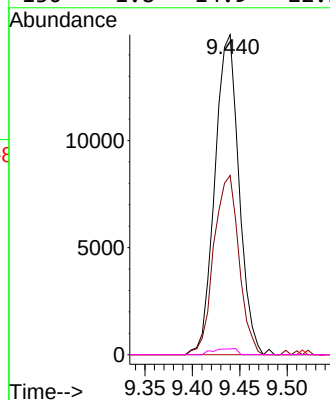
Ion Ratio Lower Upper

70 100

42 56.0 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# 1329

Delta R.T. -0.005 min

Lab File: BG055591.D

Acq: 12 Nov 2022 15:53

Tgt Ion: 136 Resp: 326431

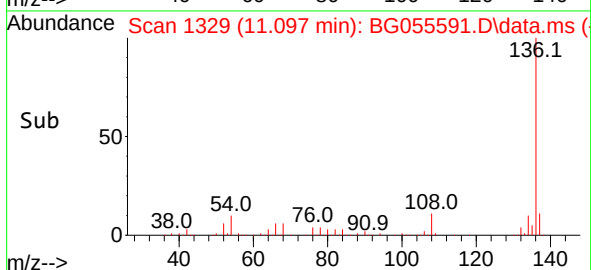
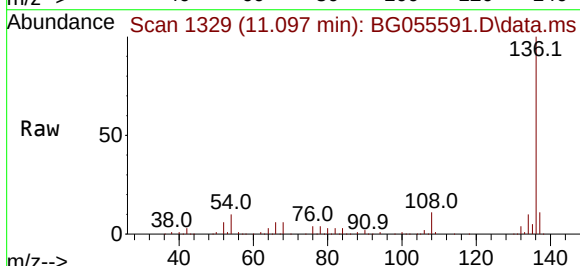
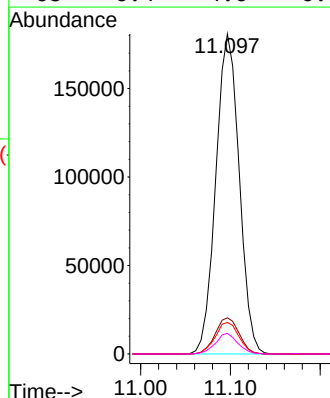
Ion Ratio Lower Upper

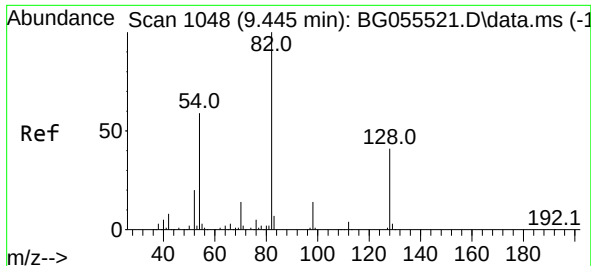
136 100

137 11.3 8.6 12.8

54 9.9 8.6 12.8

68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 41.572 ng

RT: 9.440 min Scan# 1048

Delta R.T. -0.005 min

Lab File: BG055591.D

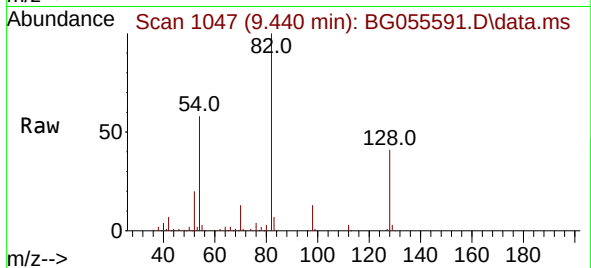
Acq: 12 Nov 2022 15:53

Instrument :

BNA_G

ClientSampleId :

20221176-COMP-11-MODIFIED-ELUTRIATE



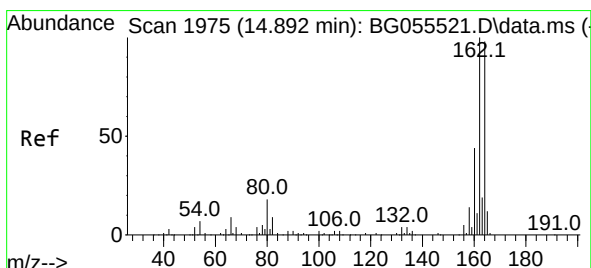
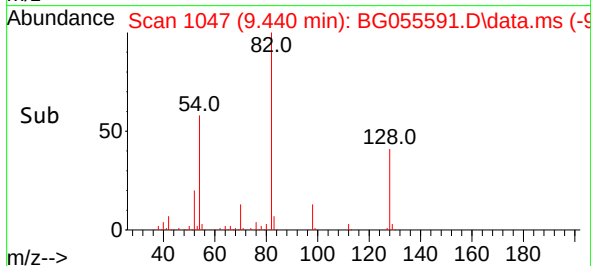
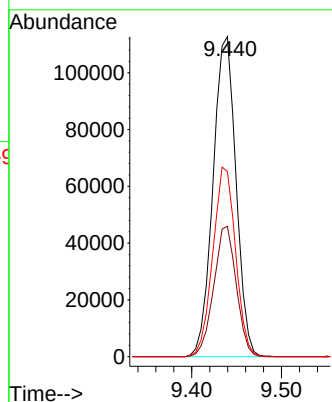
Tgt Ion: 82 Resp: 200179

Ion Ratio Lower Upper

82 100

128 40.8 32.6 49.0

54 57.9 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: BG055591.D

Acq: 12 Nov 2022 15:53

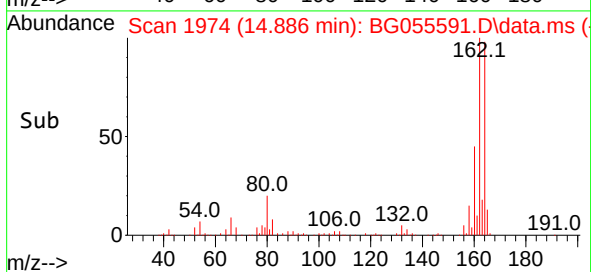
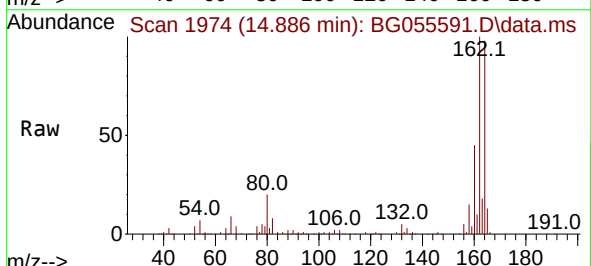
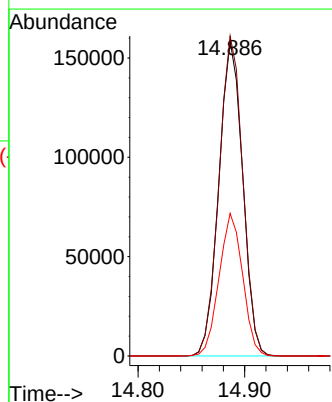
Tgt Ion: 164 Resp: 245451

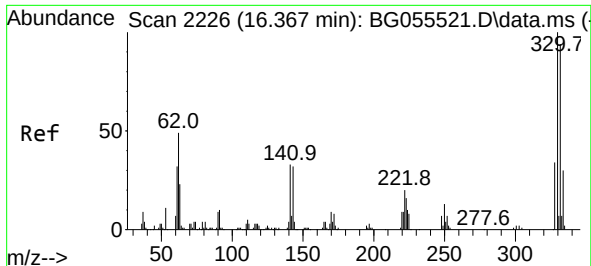
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 45.2 35.9 53.9

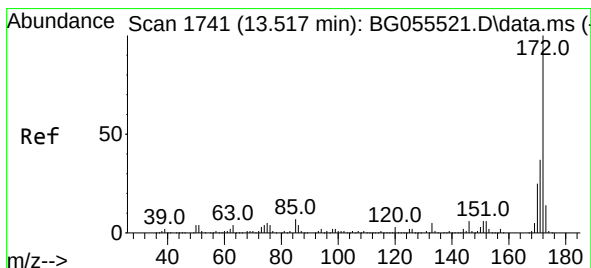
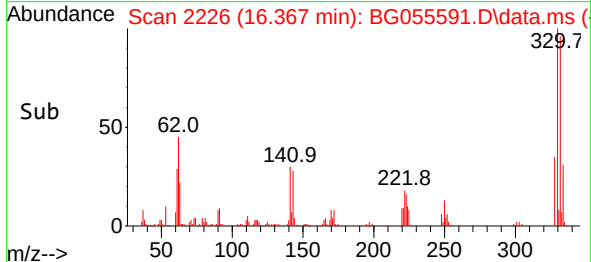
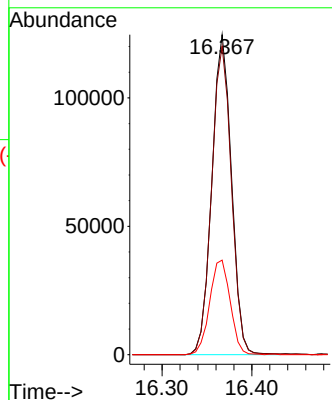
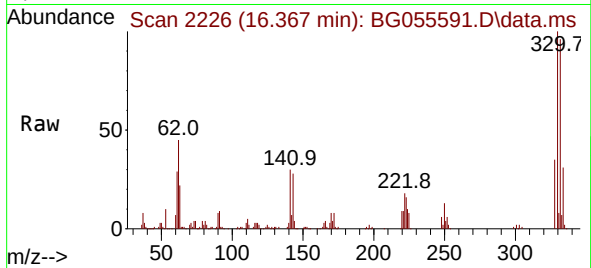




#42
2,4,6-Tribromophenol
Concen: 78.751 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

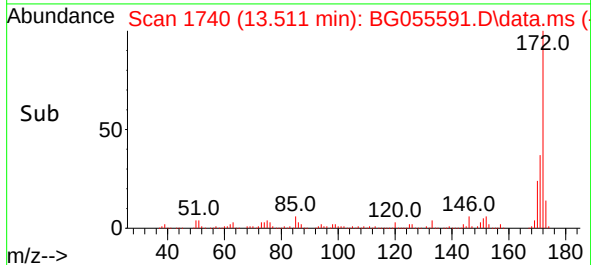
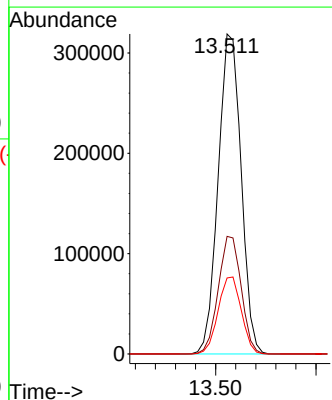
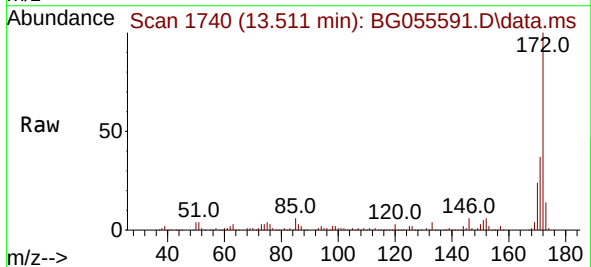
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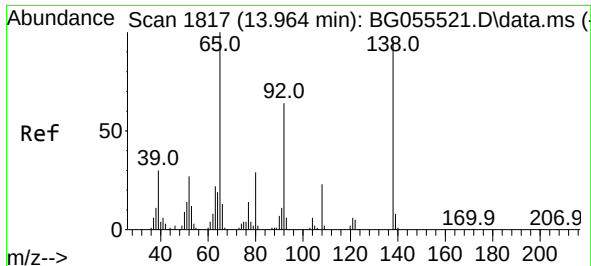
Tgt Ion:330 Resp: 188598
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 30.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 31.114 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:172 Resp: 506295
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.7 19.8 29.6

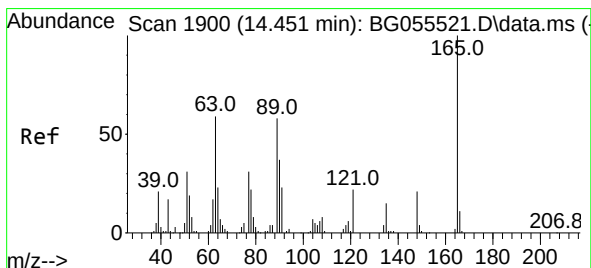
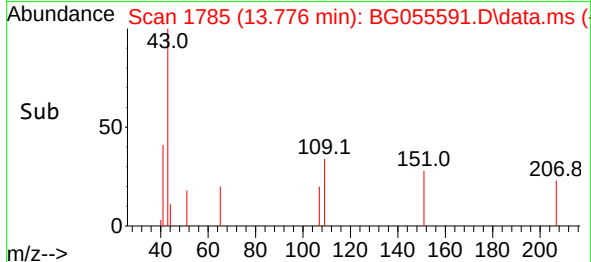
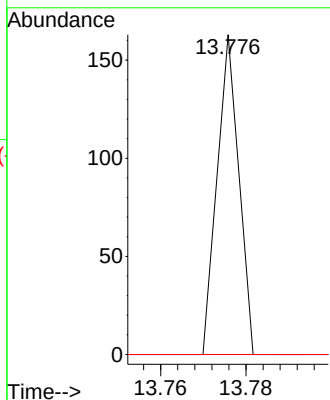
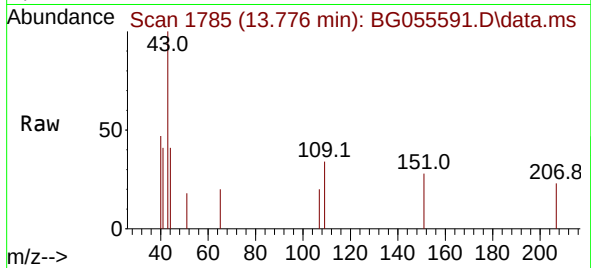




#48
2-Nitroaniline
Concen: 3.802 ng
RT: 13.776 min Scan# 11
Delta R.T. -0.188 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

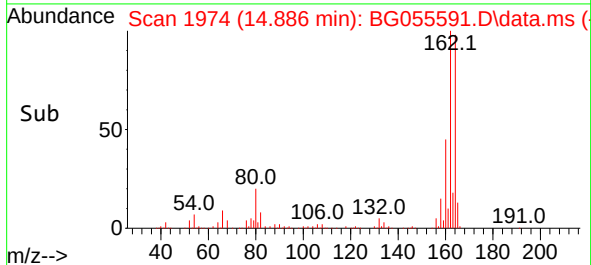
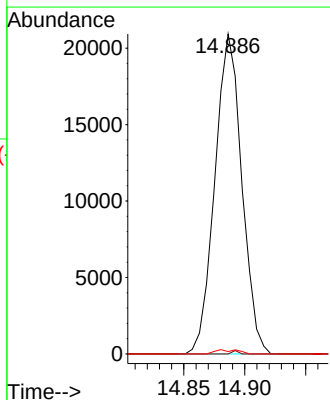
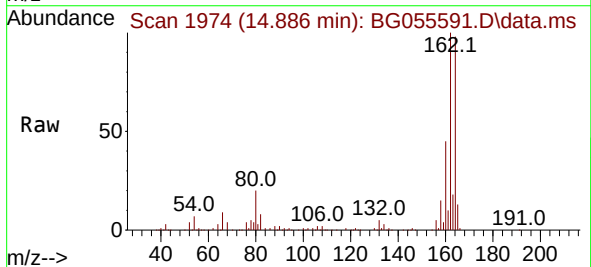
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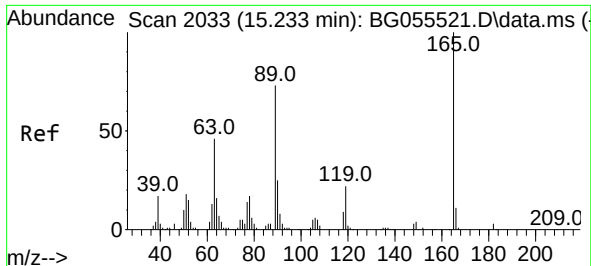
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.316 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:165 Resp: 32157
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.8 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.488 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.347 min

Lab File: BG055591.D

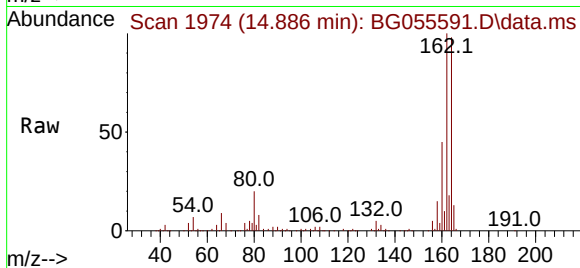
Acq: 12 Nov 2022 15:53

Instrument :

BNA_G

ClientSampleId :

20221176-COMP-11-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 32157

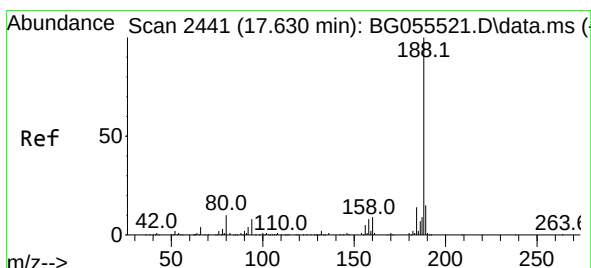
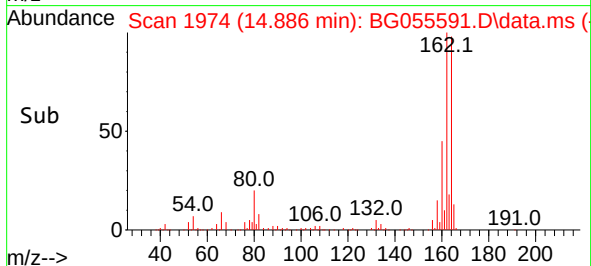
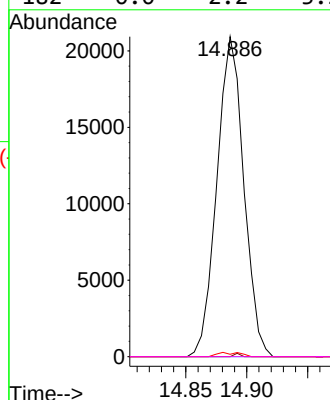
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 0.8 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BG055591.D

Acq: 12 Nov 2022 15:53

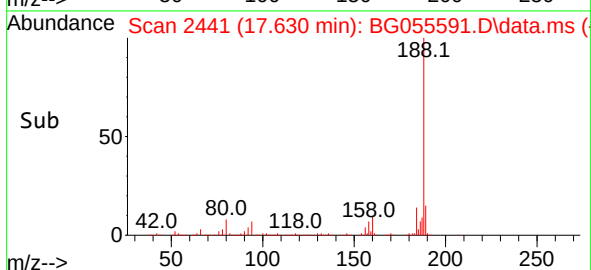
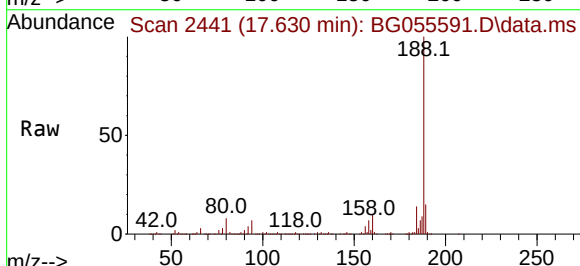
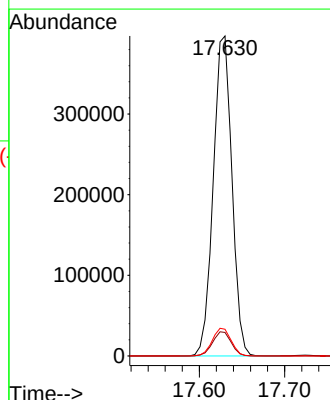
Tgt Ion:188 Resp: 602941

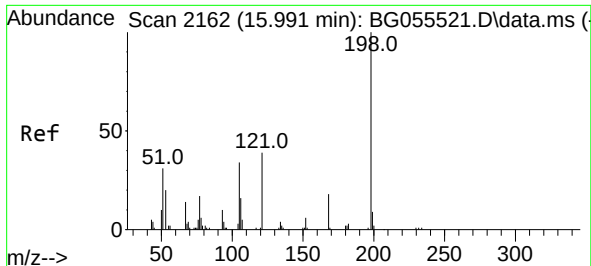
Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 8.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 2.168 ng
RT: 16.367 min Scan# 2162
Delta R.T. 0.376 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

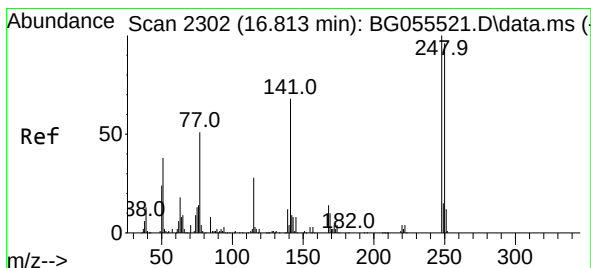
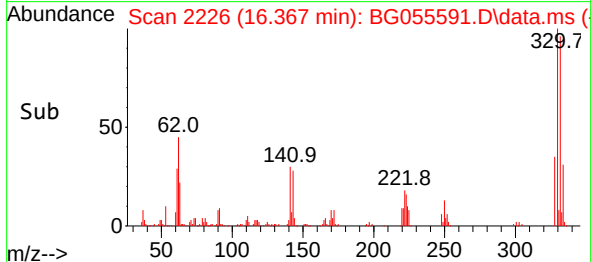
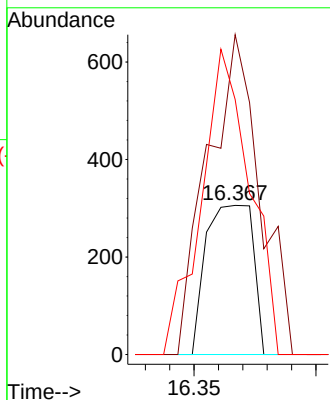
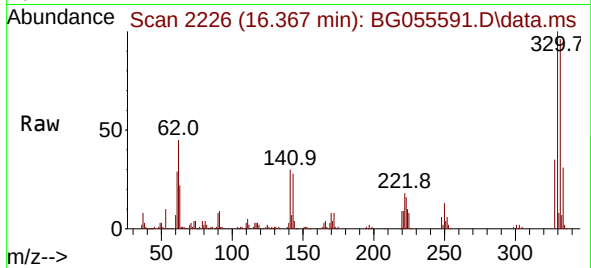
Instrument :

BNA_G

ClientSampleId :

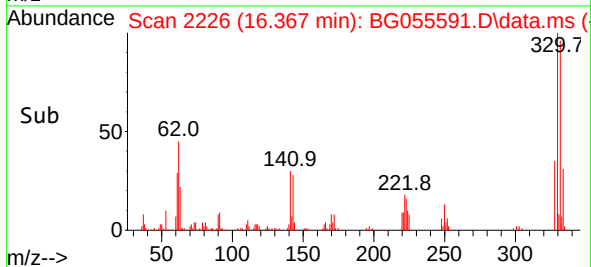
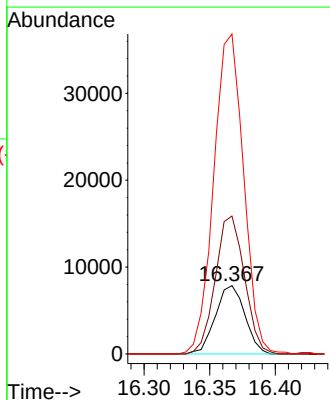
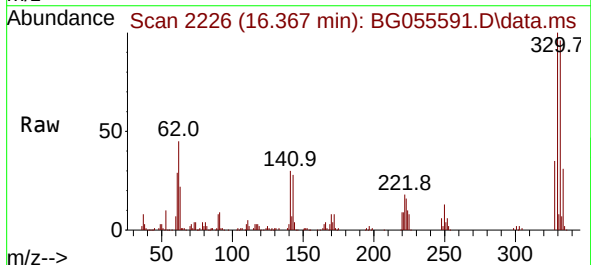
20221176-COMP-11-MODIFIED-ELUTRIATE

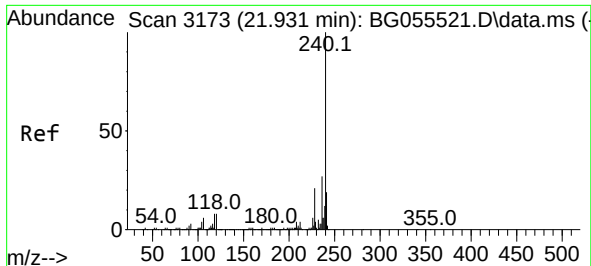
Tgt Ion:198 Resp: 410
Ion Ratio Lower Upper
198 100
51 214.4 24.7 64.7#
105 170.9 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 2.000 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.446 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:248 Resp: 12305
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 468.1 54.3 81.5#

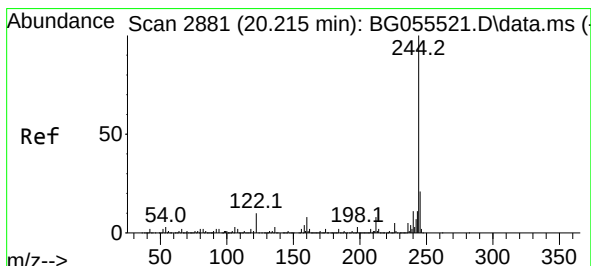
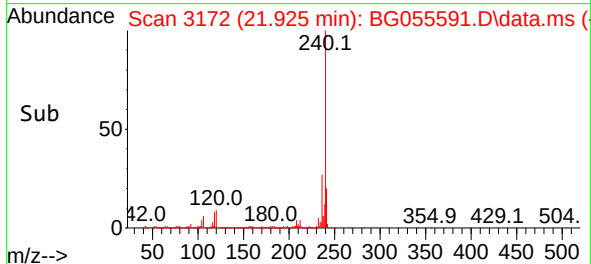
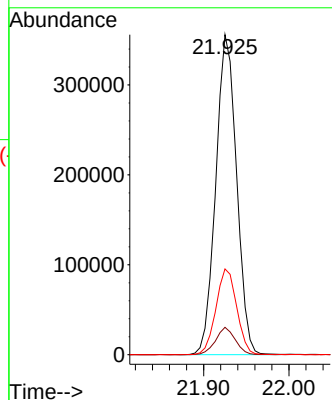
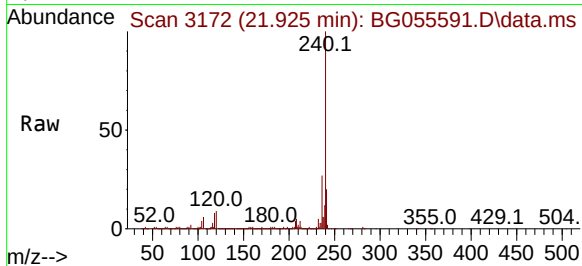




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

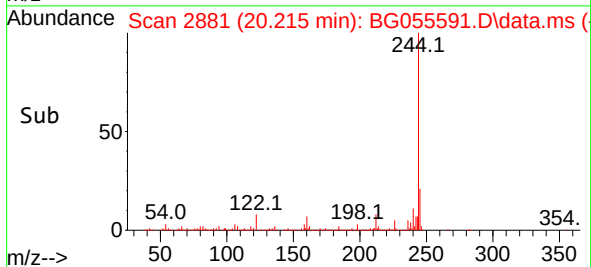
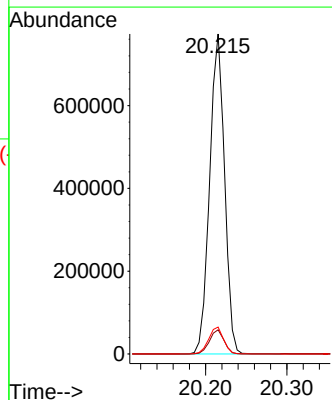
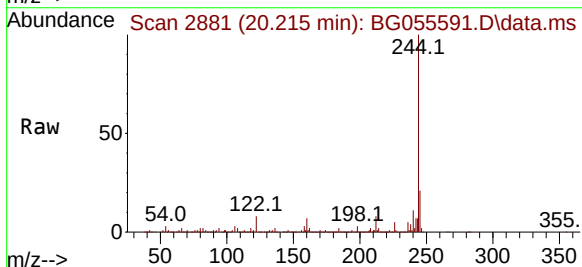
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

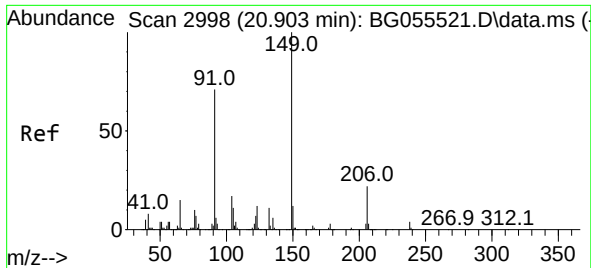
Tgt Ion:240 Resp: 603038
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 32.694 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:244 Resp: 981600
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 8.4 7.7 11.5

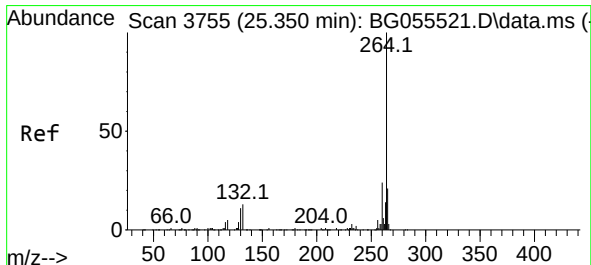
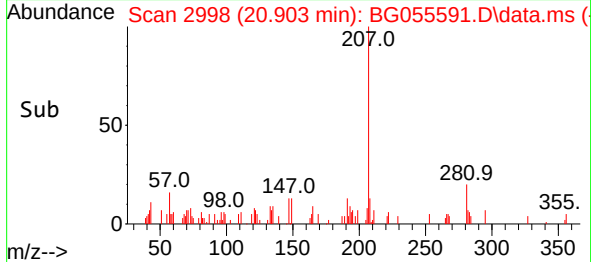
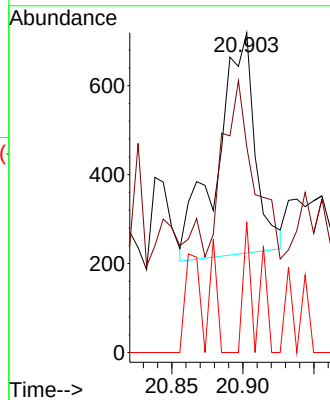
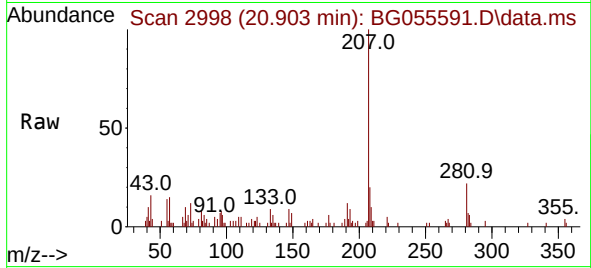




#80
Butylbenzylphthalate
Concen: 3.419 ng
RT: 20.903 min Scan# 2998
Delta R.T. -0.000 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

Tgt Ion:	149	Resp:	912
Ion Ratio	Lower	Upper	
149	100		
91	64.3	56.8	85.2
206	40.9	17.3	25.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.356 min Scan# 3756
Delta R.T. 0.006 min
Lab File: BG055591.D
Acq: 12 Nov 2022 15:53

Tgt Ion:	264	Resp:	645612
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	21.5	17.1	25.7

