

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055530.D
 Acq On : 9 Nov 2022 19:29
 Operator : CG/JU
 Sample : N5360-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221171-COMP-06-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:31:26 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)

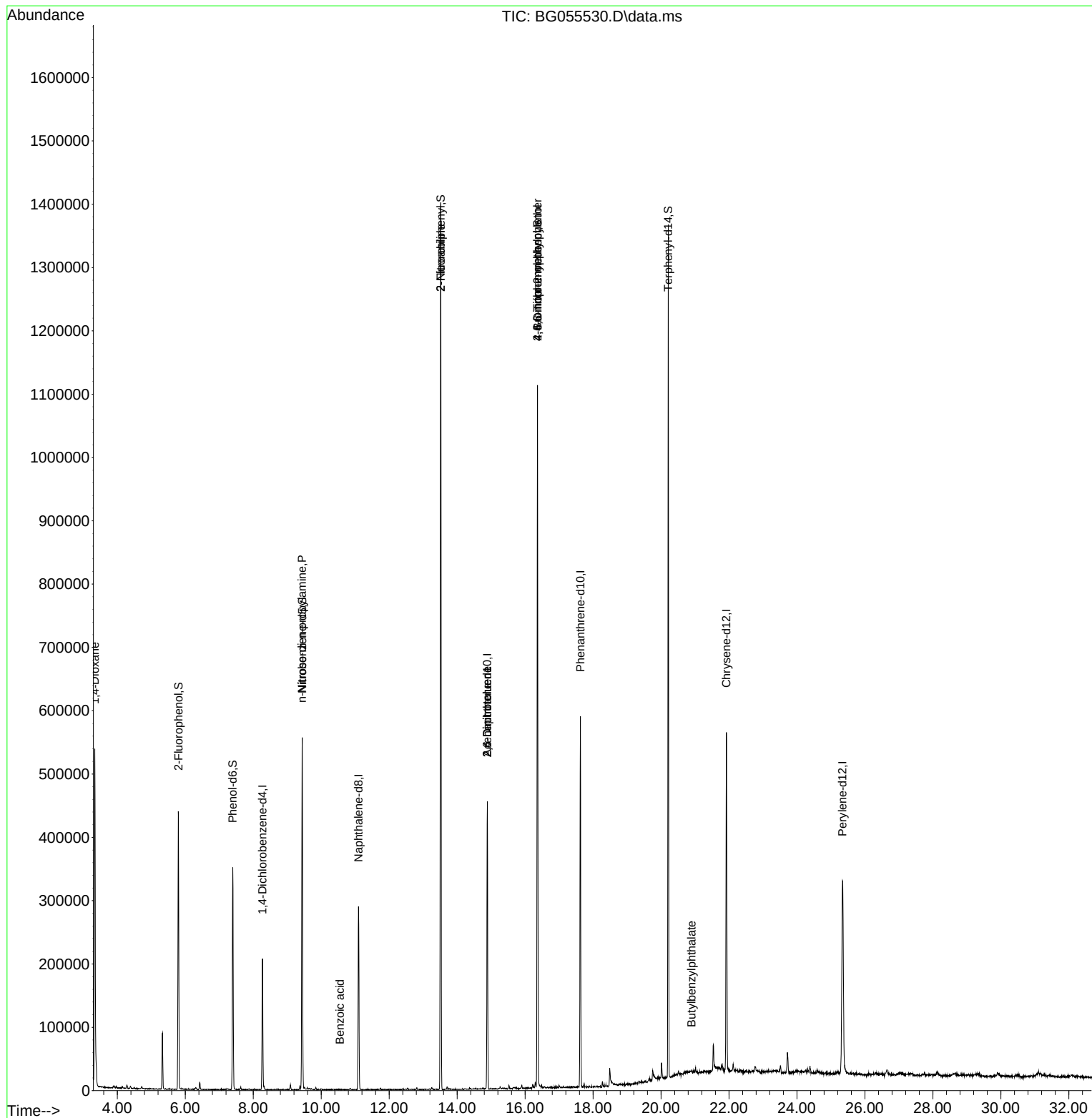
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	60028	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	241356	20.000	ng	# 0.00
39) Acenaphthene-d10	14.888	164	162128	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	366969	20.000	ng	0.00
76) Chrysene-d12	21.921	240	344963	20.000	ng	0.00
86) Perylene-d12	25.341	264	361578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	190724	60.518	ng	0.00
7) Phenol-d6	7.397	99	192586	44.239	ng	0.00
23) Nitrobenzene-d5	9.442	82	317527	89.187	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	216689	136.981	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	750099	69.787	ng	0.00
79) Terphenyl-d14	20.211	244	645211	37.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	5783	3.613	ng	# 1
19) n-Nitroso-di-n-propyla...	9.436	70	43652	12.133	ng	# 80
32) Benzoic acid	10.546	122	172	4.416	ng	# 1
48) 2-Nitroaniline	13.519	65	1617	4.418	ng	# 1
51) 2,6-Dinitrotoluene	14.888	165	21250	12.320	ng	# 22
57) 2,4-Dinitrotoluene	14.888	165	21250	10.491	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.363	198	615	2.588	ng	# 1
67) 4-Bromophenyl-phenylether	16.363	248	13764	3.677	ng	# 1
80) Butylbenzylphthalate	20.899	149	383	3.404	ng	# 65

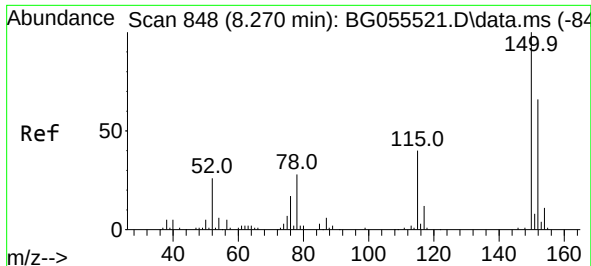
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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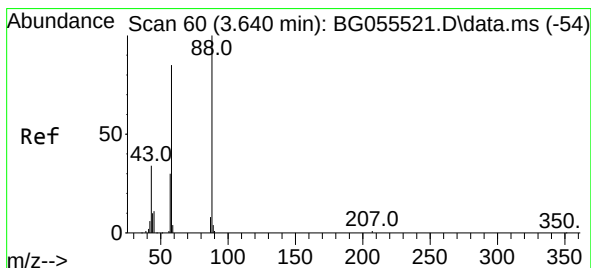
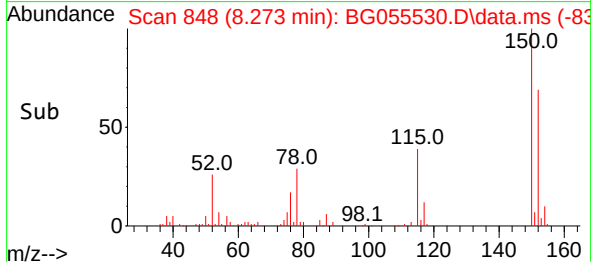
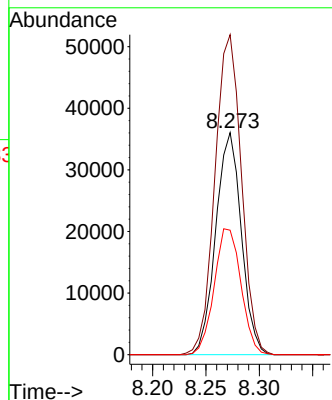
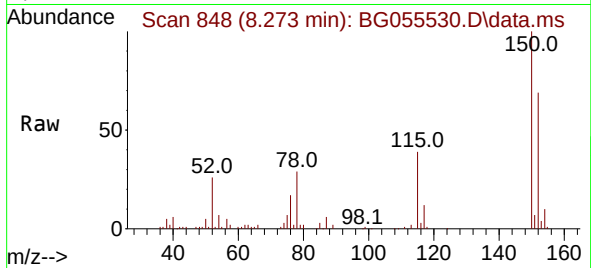




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.273 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: BG055530.D
 Acq: 9 Nov 2022 19:29

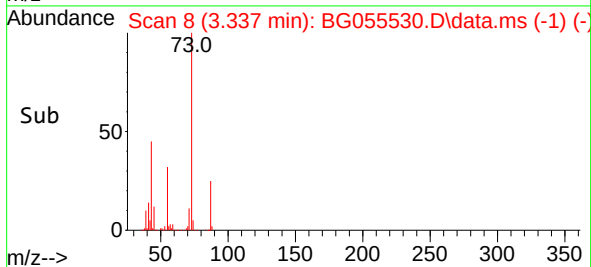
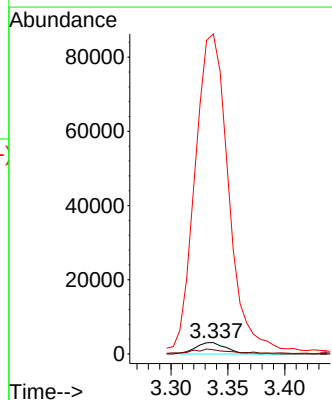
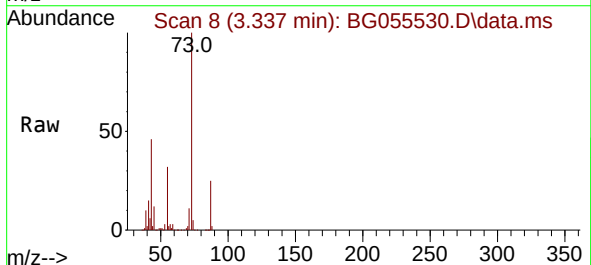
Instrument :
 BNA_G
 ClientSampleId :
 20221171-COMP-06-MODIFIED-ELUTRIATE

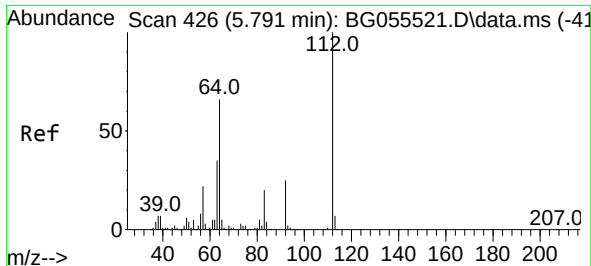
Tgt Ion:152 Resp: 60028
 Ion Ratio Lower Upper
 152 100
 150 144.1 121.0 181.4
 115 56.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 3.613 ng
 RT: 3.337 min Scan# 8
 Delta R.T. -0.303 min
 Lab File: BG055530.D
 Acq: 9 Nov 2022 19:29

Tgt Ion: 88 Resp: 5783
 Ion Ratio Lower Upper
 88 100
 58 28.8 68.9 103.3#
 43 2953.0 27.1 40.7#

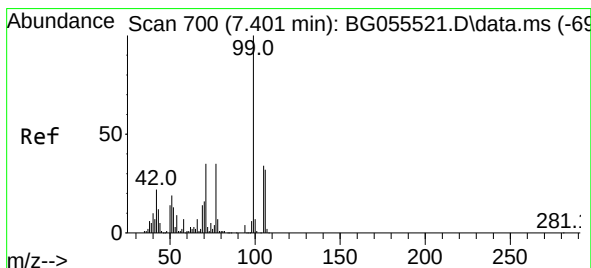
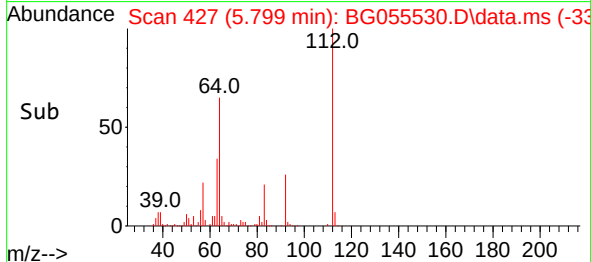
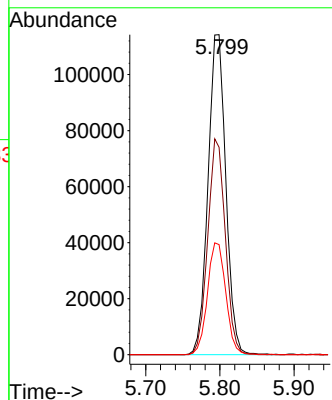
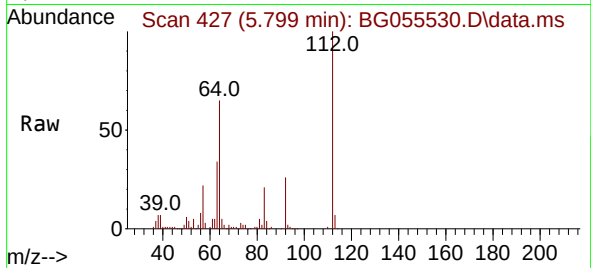




#5
2-Fluorophenol
Concen: 60.518 ng
RT: 5.799 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

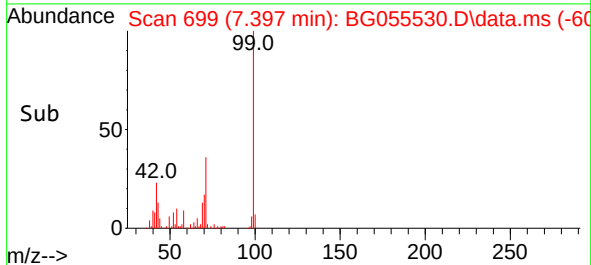
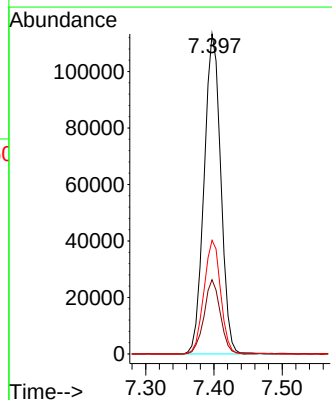
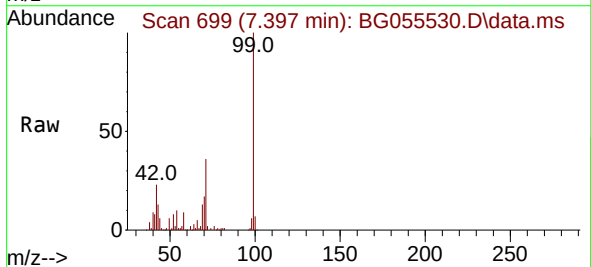
Instrument :
BNA_G
ClientSampleId :
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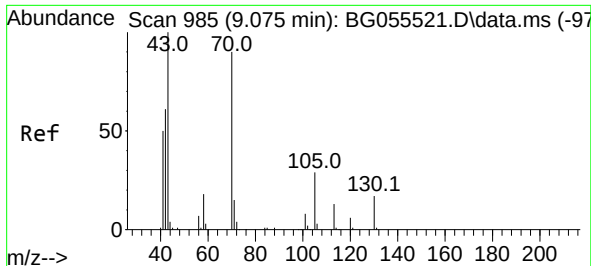
Tgt Ion:112 Resp: 190724
Ion Ratio Lower Upper
112 100
64 64.8 52.6 78.8
63 34.4 28.3 42.5



#7
Phenol-d6
Concen: 44.239 ng
RT: 7.397 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

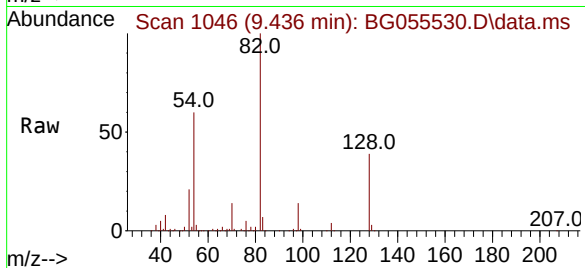
Tgt Ion: 99 Resp: 192586
Ion Ratio Lower Upper
99 100
42 23.2 17.5 26.3
71 35.5 28.3 42.5



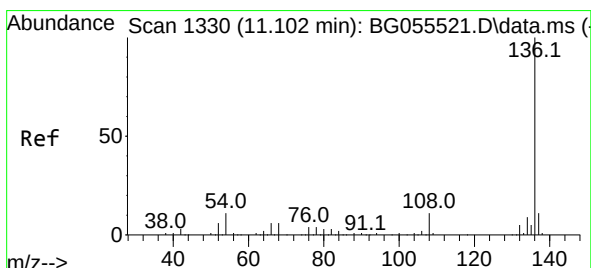
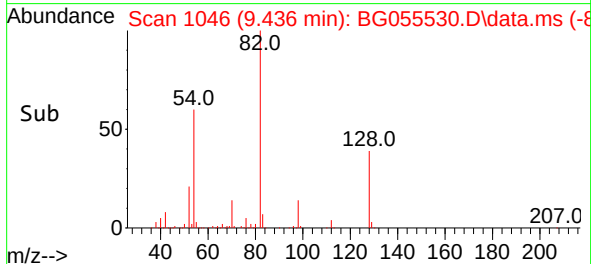
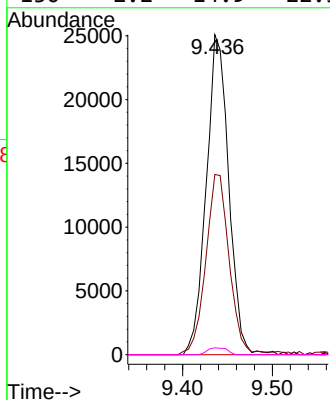


#19
n-Nitroso-di-n-propylamine
Concen: 12.133 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.361 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Instrument :
BNA_G
ClientSampleId :
20221171-COMP-06-MODIFIED-ELUTRIATE

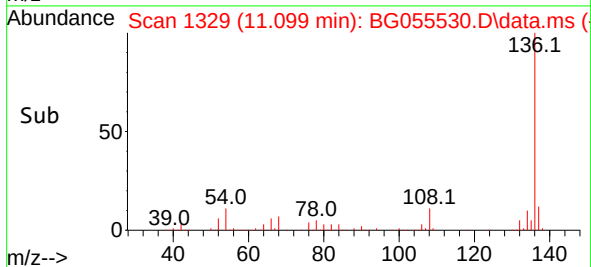
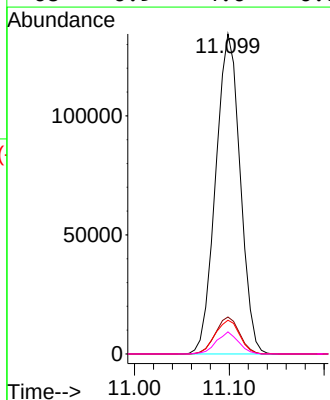
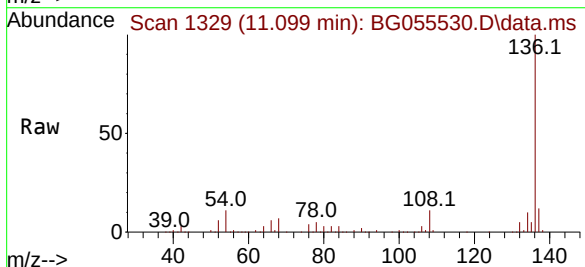


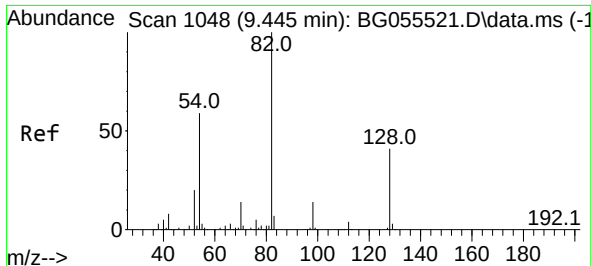
Tgt Ion: 70 Resp: 43652
Ion Ratio Lower Upper
70 100
42 56.3 54.8 82.2
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Tgt Ion: 136 Resp: 241356
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 10.6 8.6 12.8
68 6.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 89.187 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG055530.D

Acq: 9 Nov 2022 19:29

Instrument :

BNA_G

ClientSampleId :

20221171-COMP-06-MODIFIED-ELUTRIATE

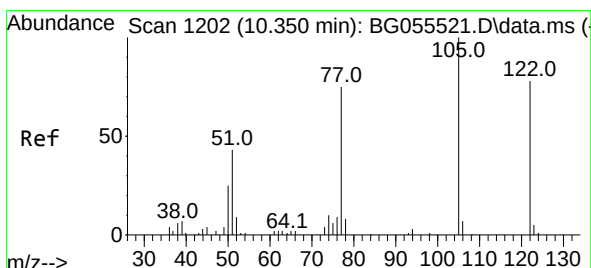
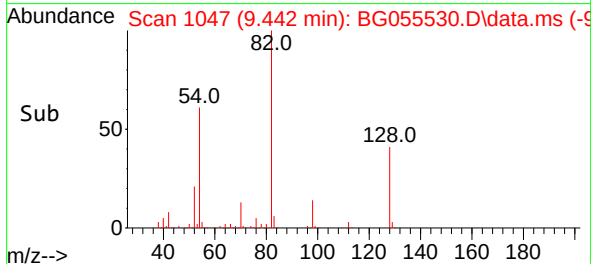
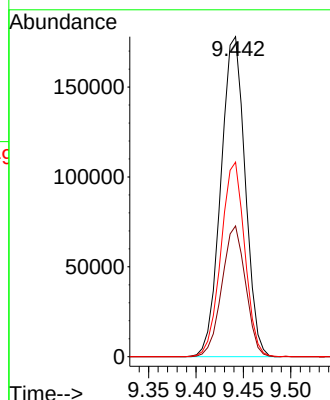
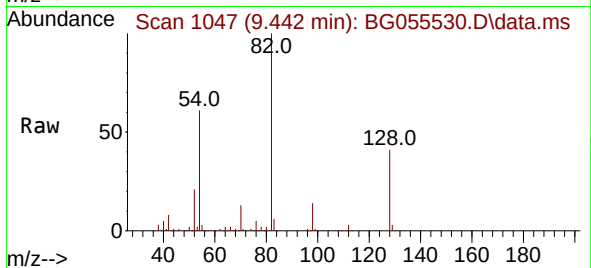
Tgt Ion: 82 Resp: 317527

Ion Ratio Lower Upper

82 100

128 40.8 32.6 49.0

54 60.8 47.3 70.9



#32

Benzoic acid

Concen: 4.416 ng

RT: 10.546 min Scan# 1235

Delta R.T. 0.196 min

Lab File: BG055530.D

Acq: 9 Nov 2022 19:29

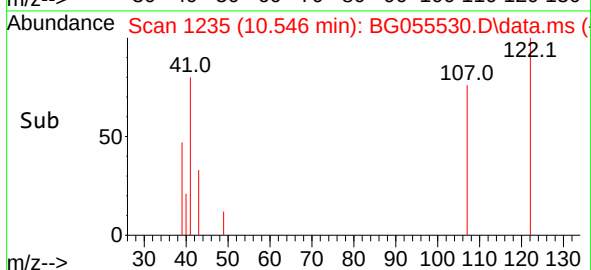
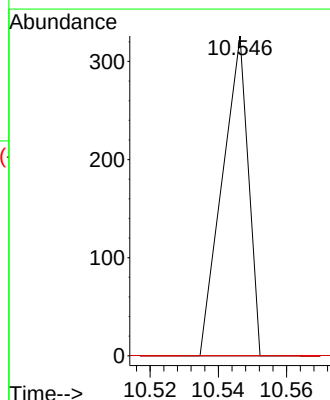
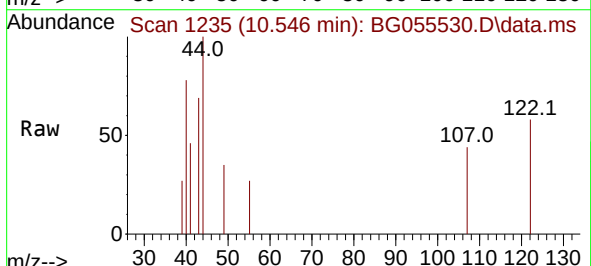
Tgt Ion: 122 Resp: 172

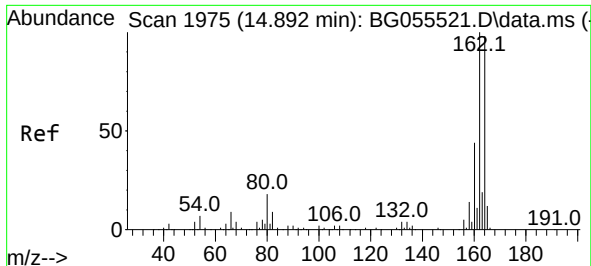
Ion Ratio Lower Upper

122 100

105 0.0 101.2 141.2#

77 0.0 74.4 114.4#

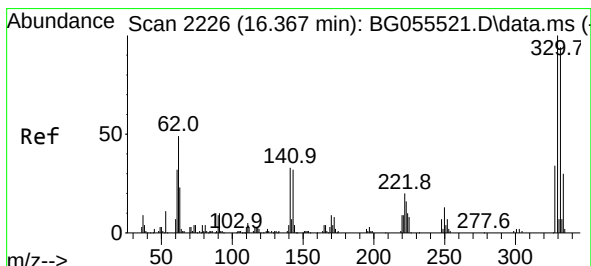
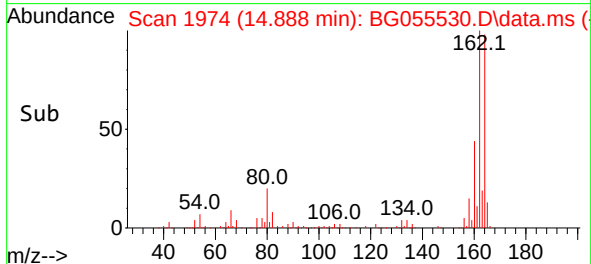
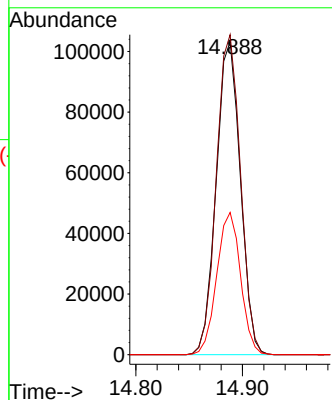
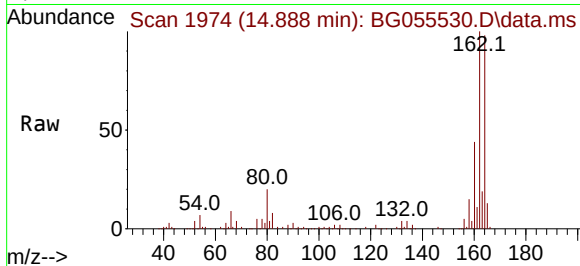




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

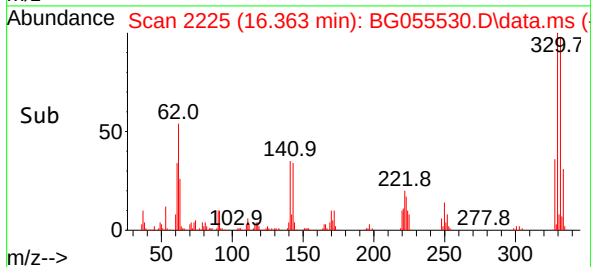
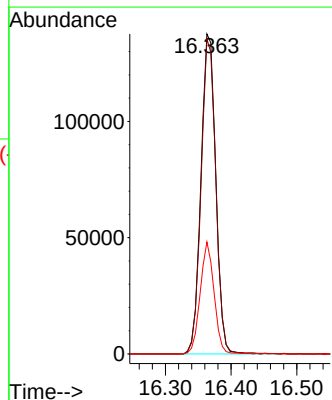
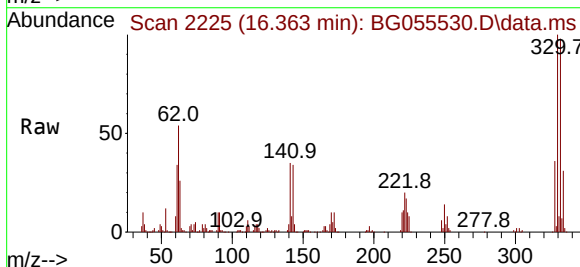
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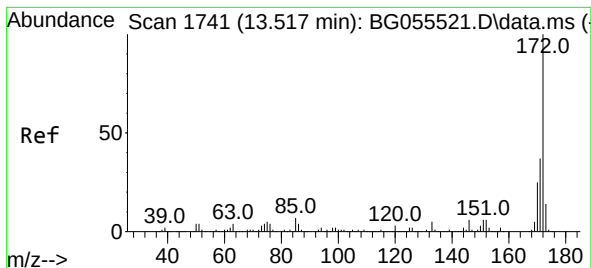
Tgt Ion:164 Resp: 162128
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 136.981 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Tgt Ion:330 Resp: 216689
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 32.8 25.4 38.2

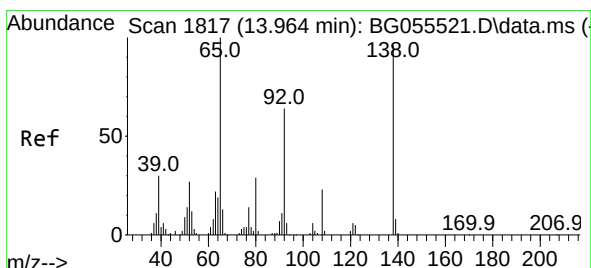
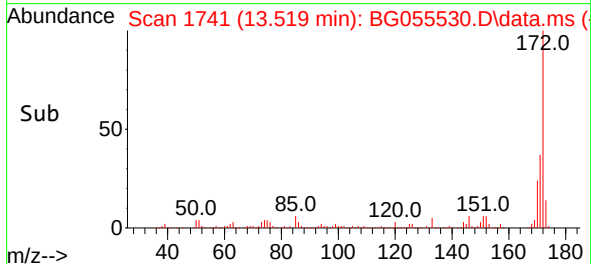
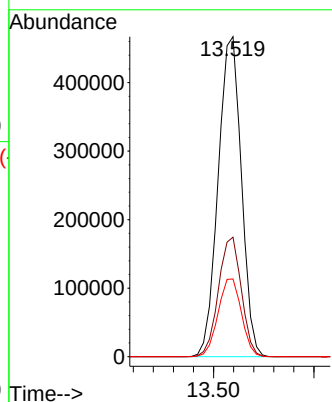
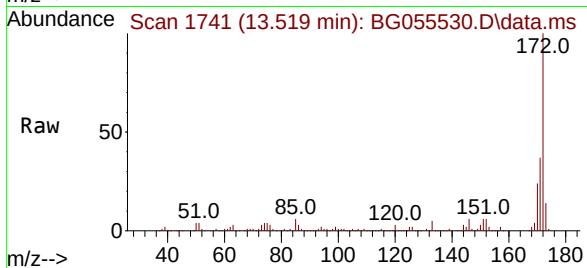




#45
2-Fluorobiphenyl
Concen: 69.787 ng
RT: 13.519 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

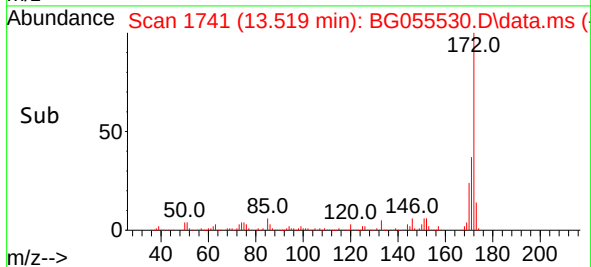
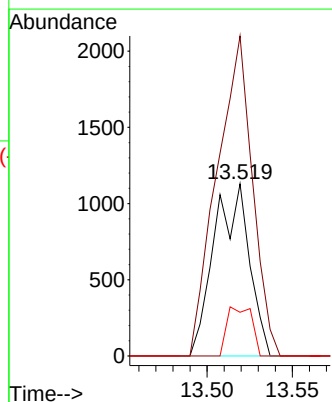
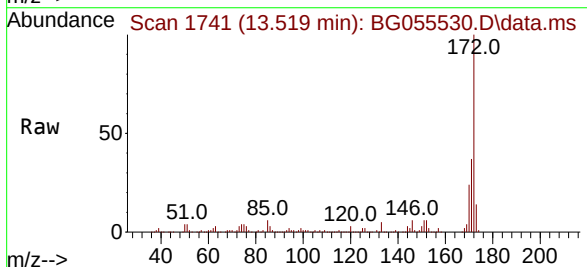
Instrument : BNA_G
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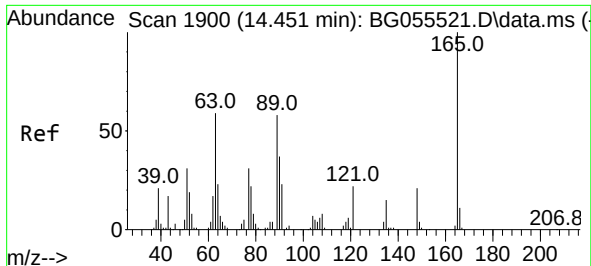
Tgt Ion:172 Resp: 750099
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 24.3 19.8 29.6



#48
2-Nitroaniline
Concen: 4.418 ng
RT: 13.519 min Scan# 1741
Delta R.T. -0.445 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Tgt Ion: 65 Resp: 1617
Ion Ratio Lower Upper
65 100
92 185.8 51.6 77.4#
138 25.4 77.0 115.4#

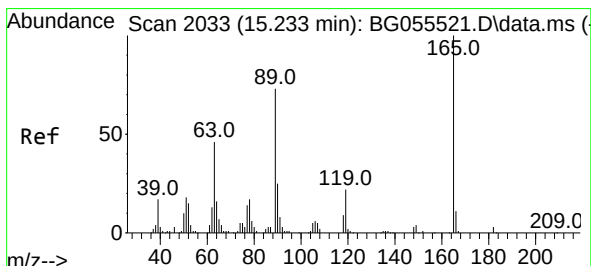
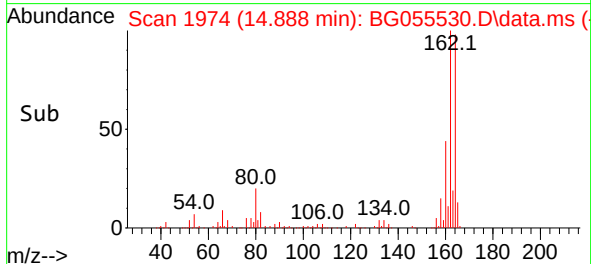
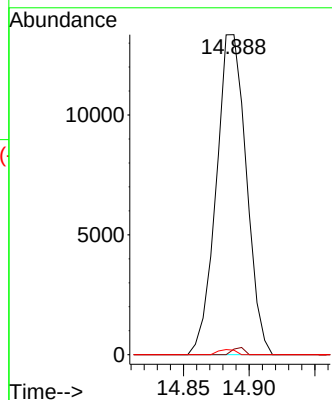
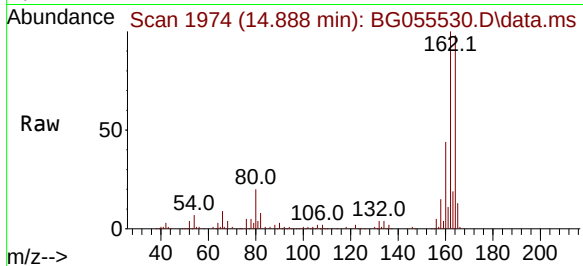




#51
2,6-Dinitrotoluene
Concen: 12.320 ng
RT: 14.888 min Scan# 1900
Delta R.T. 0.437 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

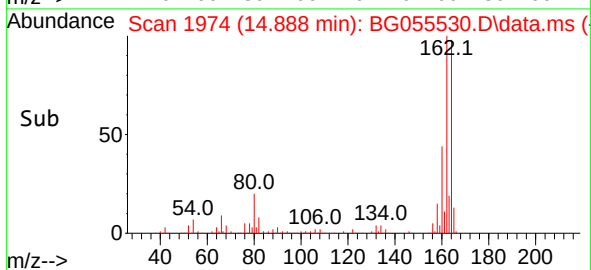
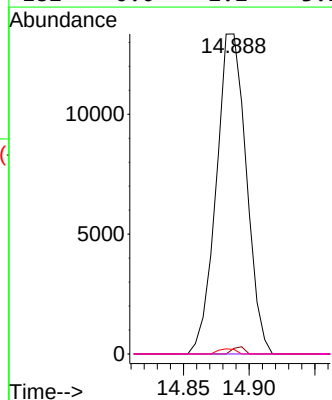
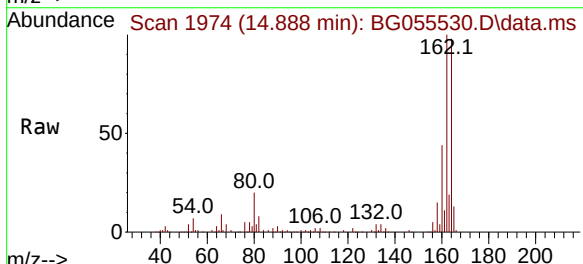
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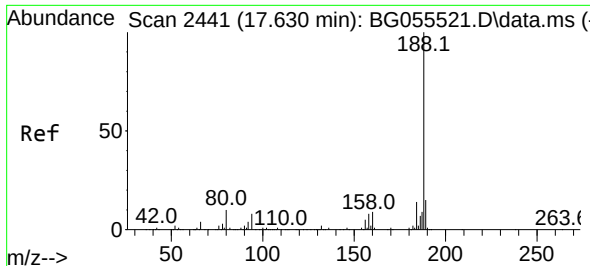
Tgt Ion:165 Resp: 21250
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.4 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.491 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.345 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Tgt Ion:165 Resp: 21250
Ion Ratio Lower Upper
165 100
63 1.7 37.0 55.4#
89 1.4 58.6 87.8#
182 0.0 2.2 3.2#

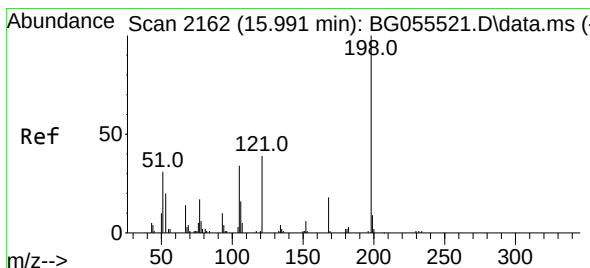
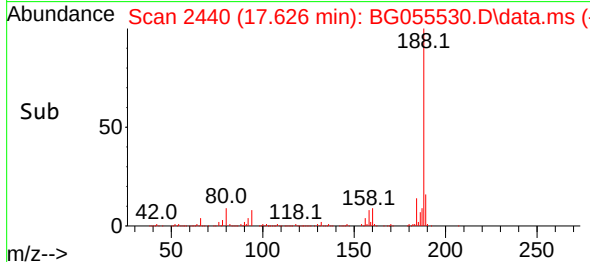
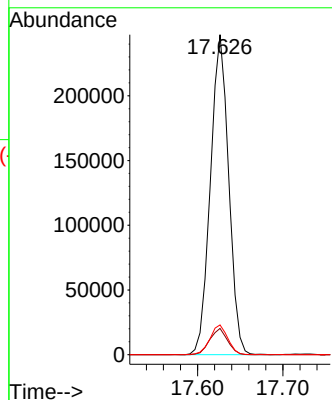
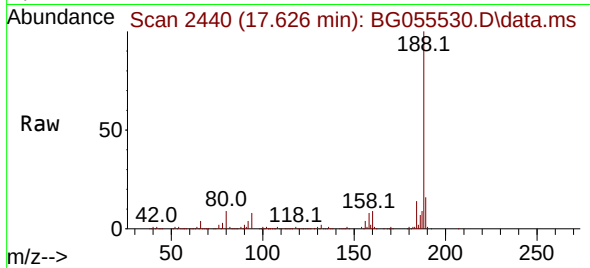




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

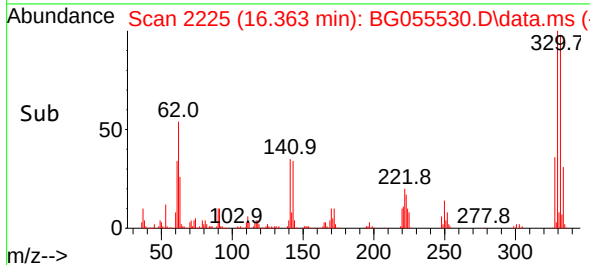
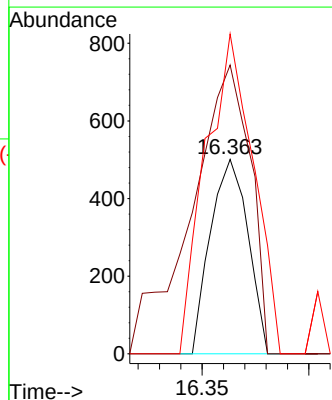
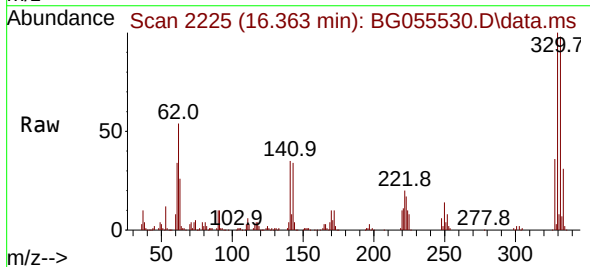
Instrument : BNA_G
ClientSampleId : 20221171-COMP-06-MODIFIED-ELUTRIATE

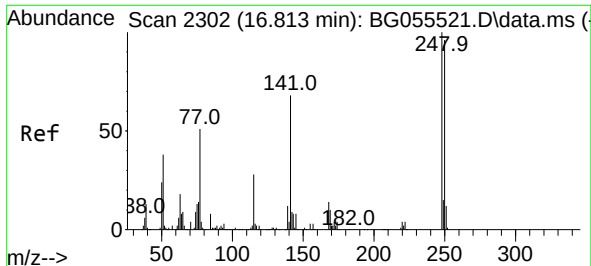
Tgt Ion:188 Resp: 366969
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.588 ng
RT: 16.363 min Scan# 2225
Delta R.T. 0.372 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Tgt Ion:198 Resp: 615
Ion Ratio Lower Upper
198 100
51 148.5 24.7 64.7#
105 164.5 17.6 57.6#

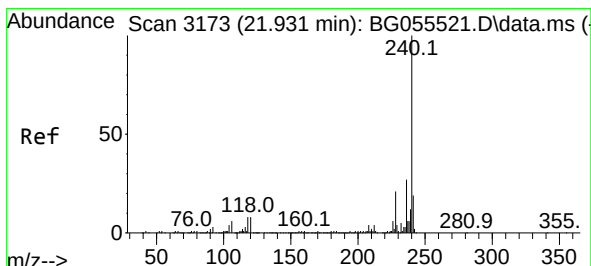
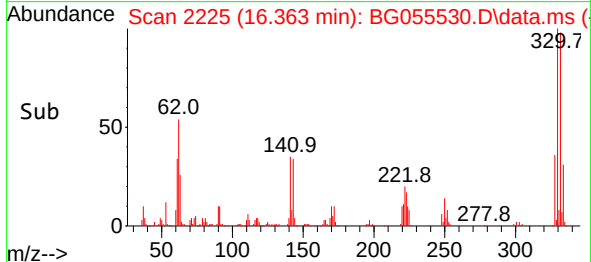
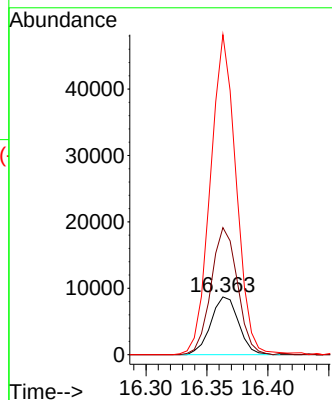
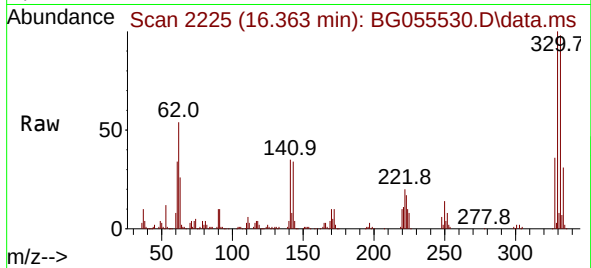




#67
4-Bromophenyl-phenylether
Concen: 3.677 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

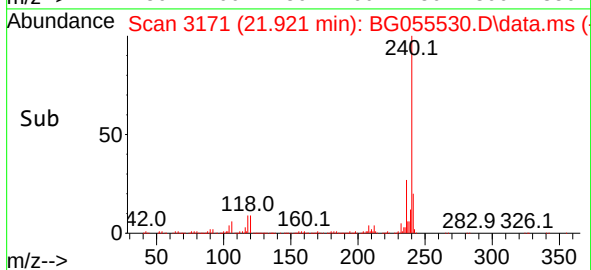
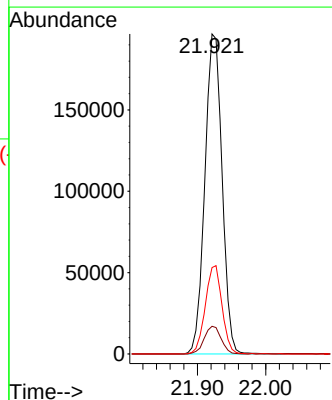
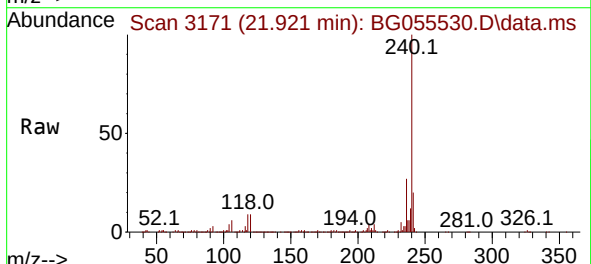
Instrument :
BNA_G
ClientSampleId :
20221171-COMP-06-MODIFIED-ELUTRIATE

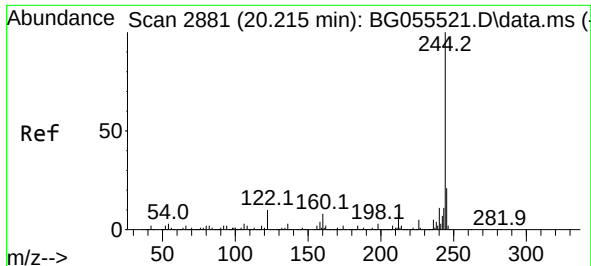
Tgt Ion:248 Resp: 13764
Ion Ratio Lower Upper
248 100
250 220.3 76.9 115.3#
141 554.5 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Tgt Ion:240 Resp: 344963
Ion Ratio Lower Upper
240 100
120 8.7 6.1 9.1
236 27.0 21.4 32.0

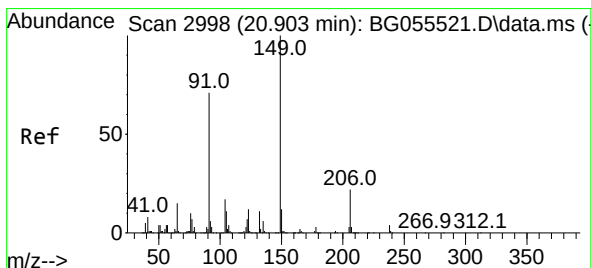
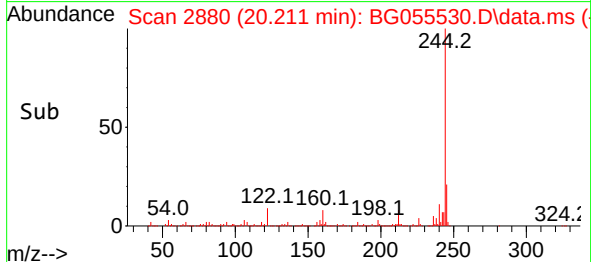
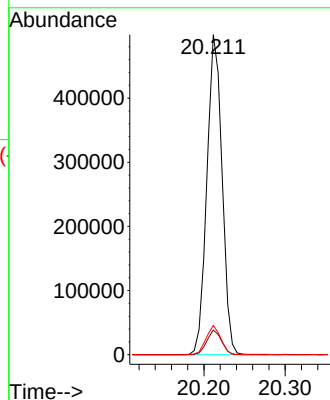
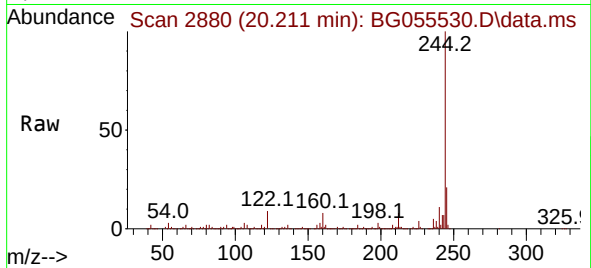




#79
 Terphenyl-d14
 Concen: 37.568 ng
 RT: 20.211 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055530.D
 Acq: 9 Nov 2022 19:29

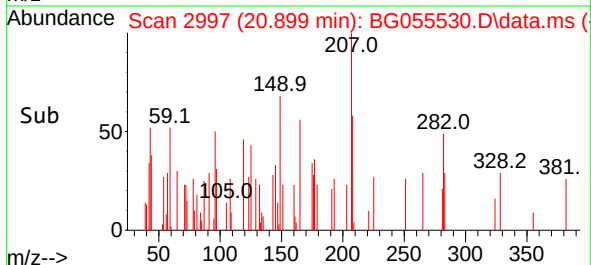
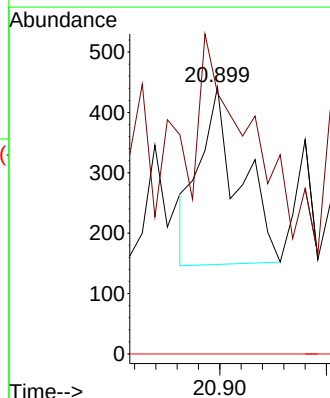
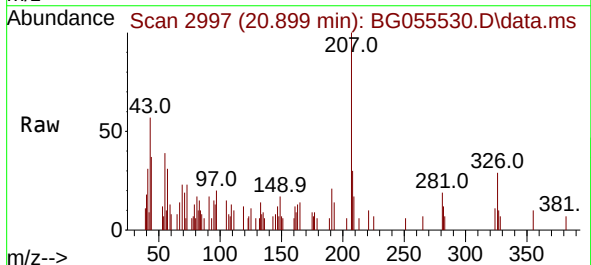
Instrument :
 BNA_G
 ClientSampleId :
 20221171-COMP-06-MODIFIED-ELUTRIATE

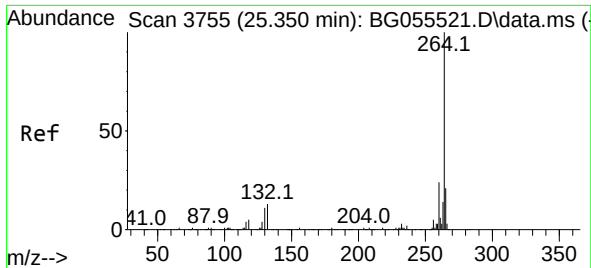
Tgt Ion:244 Resp: 645211
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.404 ng
 RT: 20.899 min Scan# 2997
 Delta R.T. -0.004 min
 Lab File: BG055530.D
 Acq: 9 Nov 2022 19:29

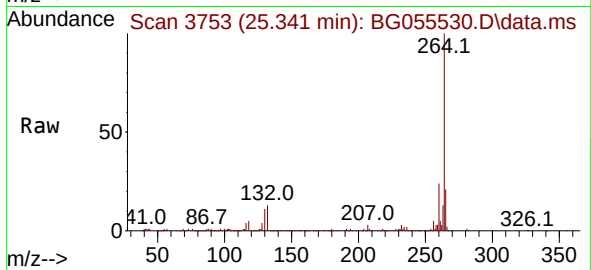
Tgt Ion:149 Resp: 383
 Ion Ratio Lower Upper
 149 100
 91 97.7 56.8 85.2#
 206 0.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.341 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055530.D
Acq: 9 Nov 2022 19:29

Instrument :
BNA_G
ClientSampleId :
20221171-COMP-06-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 361578

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.1	25.7

