

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055528.D
 Acq On : 9 Nov 2022 18:07
 Operator : CG/JU
 Sample : N5360-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221172-COMP-07-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:30:37 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)

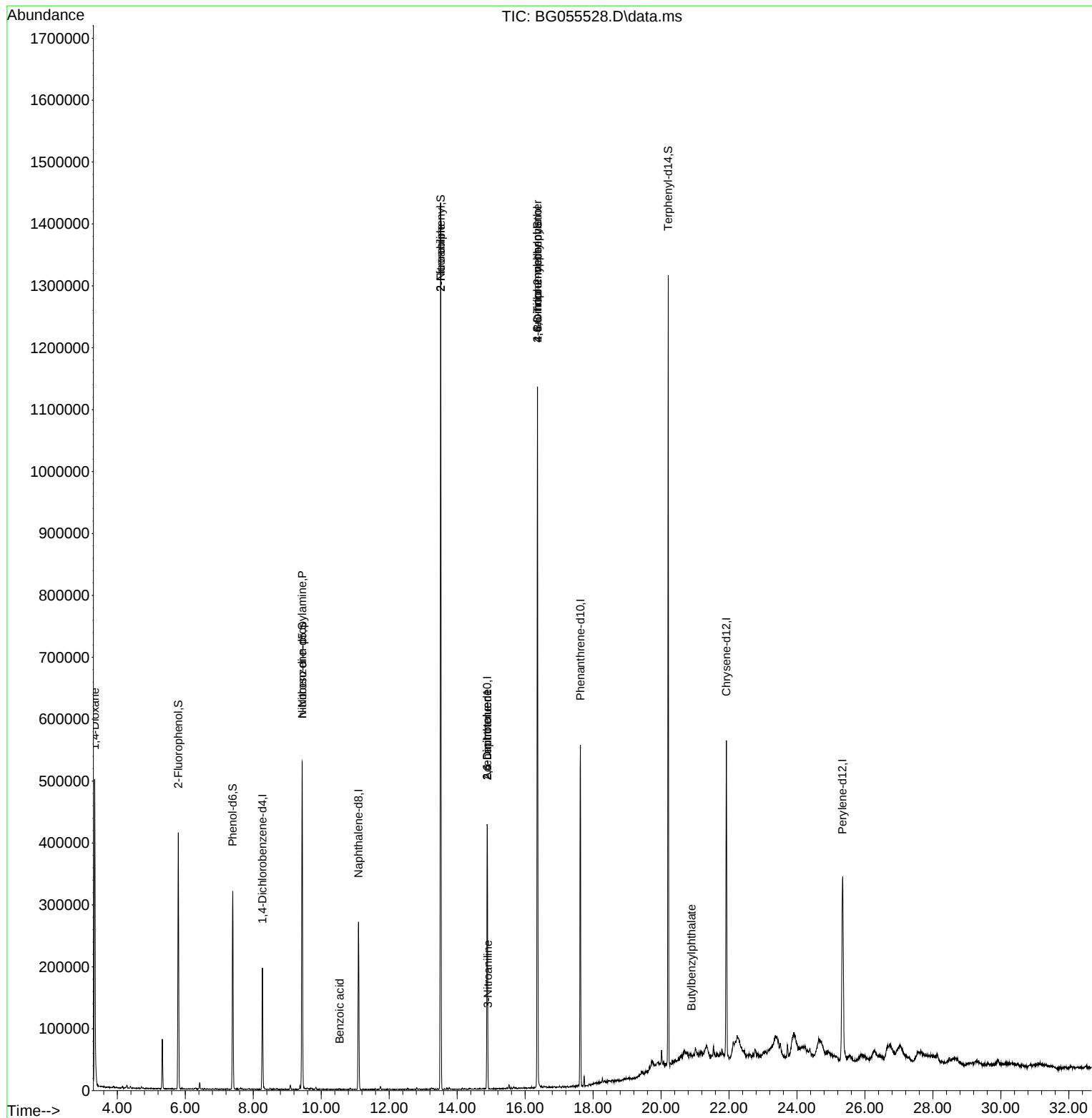
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	55934	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	231518	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	157250	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	349109	20.000	ng	0.00
76) Chrysene-d12	21.922	240	326443	20.000	ng	0.00
86) Perylene-d12	25.342	264	345511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	176241	60.016	ng	0.00
7) Phenol-d6	7.398	99	171794	42.351	ng	0.00
23) Nitrobenzene-d5	9.443	82	305219	89.373	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	215967	140.760	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	730178	70.041	ng	0.00
79) Terphenyl-d14	20.212	244	603249	37.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.338	88	5078	3.404	ng	# 1
19) n-Nitroso-di-n-propyla...	9.443	70	41926	12.506	ng	# 80
32) Benzoic acid	10.541	122	229	4.462	ng	# 1
48) 2-Nitroaniline	13.514	65	1362	4.335	ng	# 1
51) 2,6-Dinitrotoluene	14.883	165	20491	12.267	ng	# 20
53) 3-Nitroaniline	14.907	138	53	3.798	ng	# 1
57) 2,4-Dinitrotoluene	14.883	165	20491	10.451	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.364	198	758	2.795	ng	# 1
67) 4-Bromophenyl-phenylether	16.364	248	14116	3.964	ng	# 1
80) Butylbenzylphthalate	20.900	149	300	3.398	ng	# 75

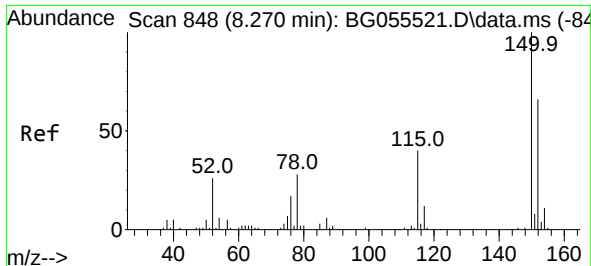
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
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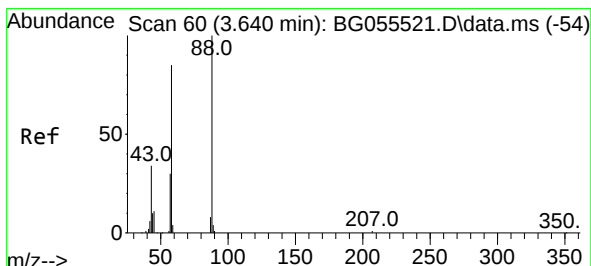
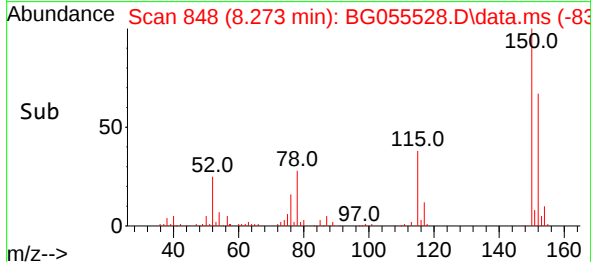
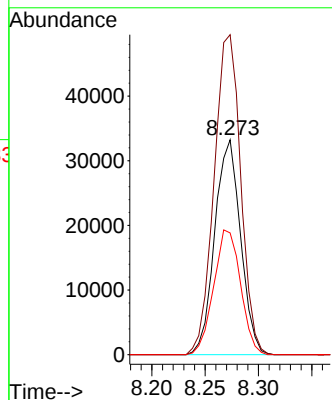
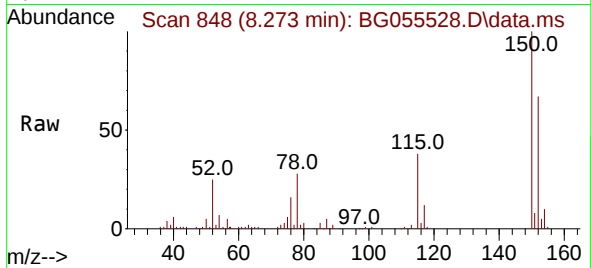




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.273 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: BG055528.D
 Acq: 9 Nov 2022 18:07

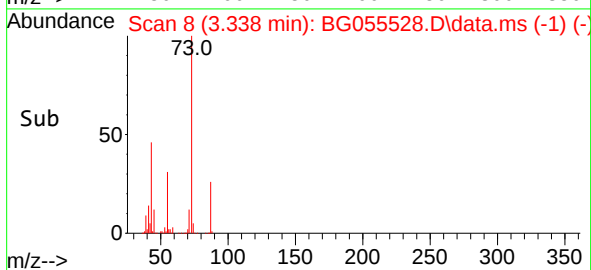
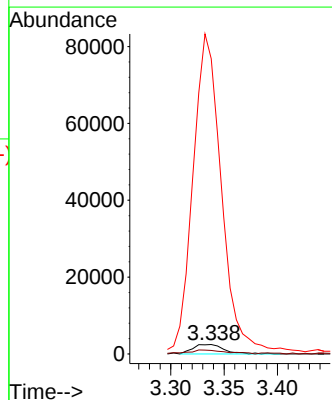
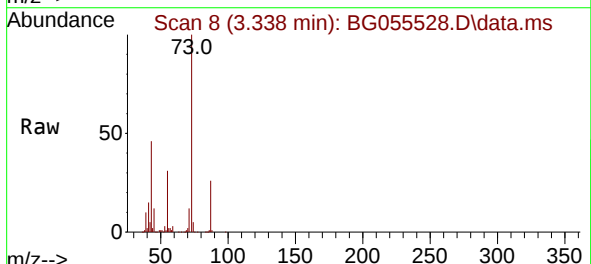
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 BNA_G
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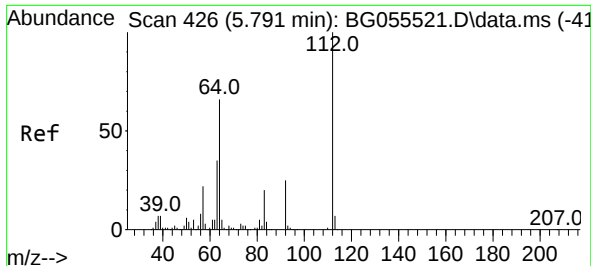
Tgt Ion:152 Resp: 55934
 Ion Ratio Lower Upper
 152 100
 150 148.9 121.0 181.4
 115 56.7 47.8 71.8



#2
 1,4-Dioxane
 Concen: 3.404 ng
 RT: 3.338 min Scan# 8
 Delta R.T. -0.302 min
 Lab File: BG055528.D
 Acq: 9 Nov 2022 18:07

Tgt Ion: 88 Resp: 5078
 Ion Ratio Lower Upper
 88 100
 58 45.8 68.9 103.3#
 43 2942.3 27.1 40.7#

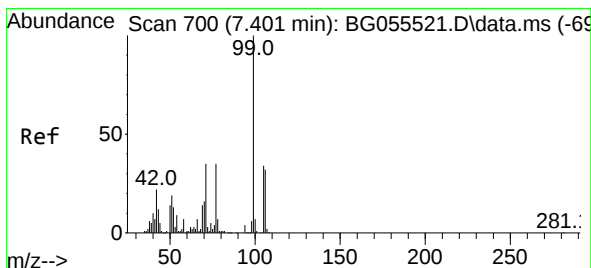
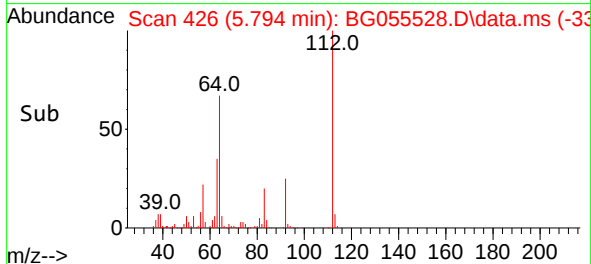
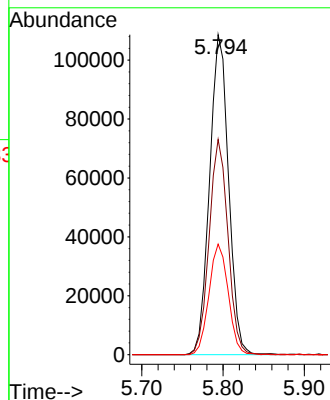
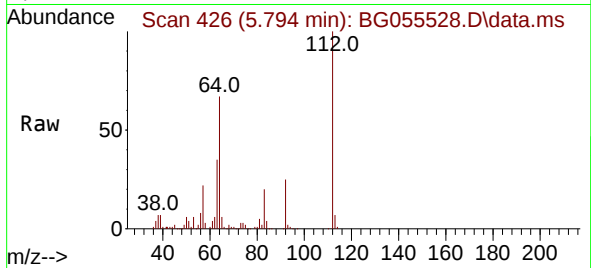




#5
2-Fluorophenol
Concen: 60.016 ng
RT: 5.794 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

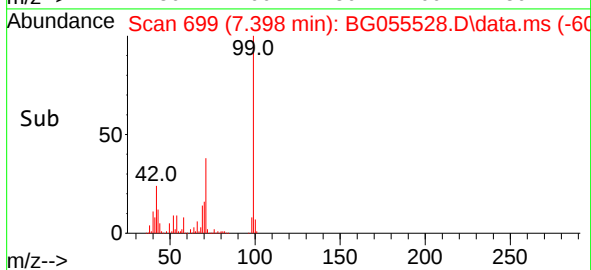
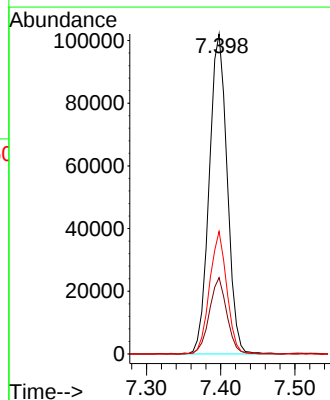
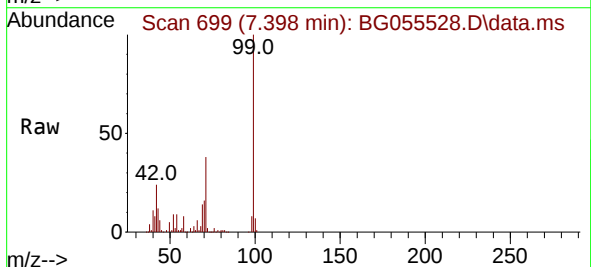
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ClientSampleId :
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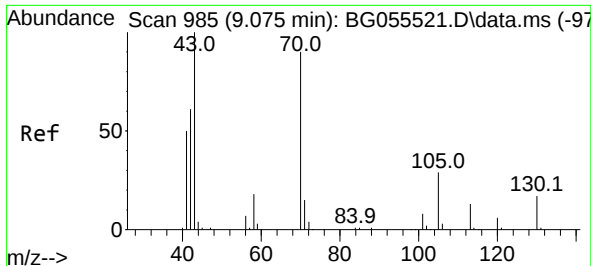
Tgt Ion:112 Resp: 176241
Ion Ratio Lower Upper
112 100
64 67.2 52.6 78.8
63 34.5 28.3 42.5



#7
Phenol-d6
Concen: 42.351 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion: 99 Resp: 171794
Ion Ratio Lower Upper
99 100
42 23.8 17.5 26.3
71 38.3 28.3 42.5

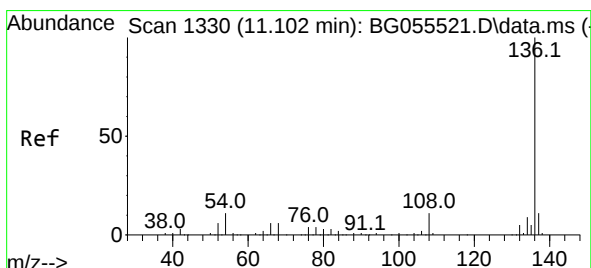
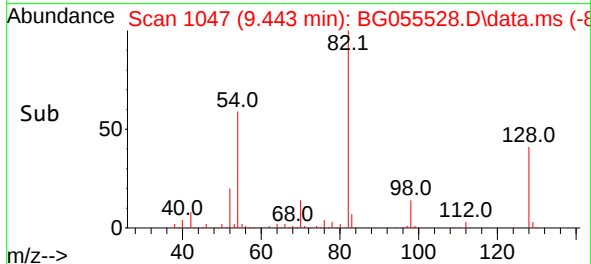
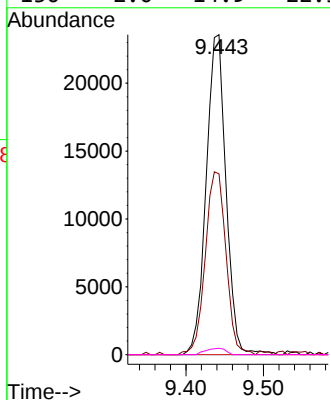
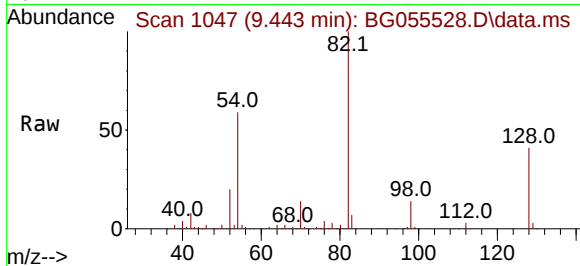




#19
n-Nitroso-di-n-propylamine
Concen: 12.506 ng
RT: 9.443 min Scan# 1047
Delta R.T. 0.368 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

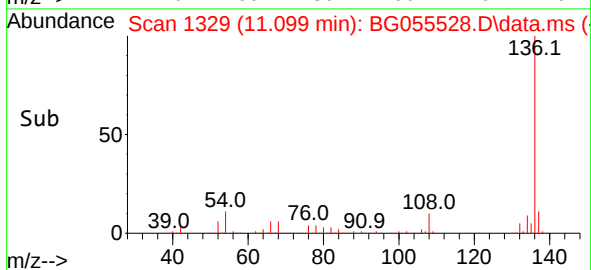
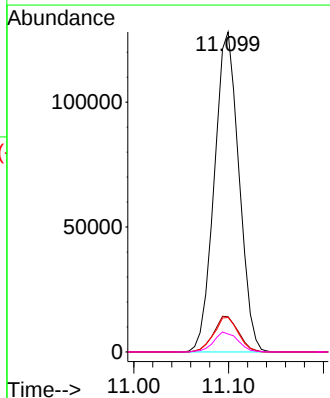
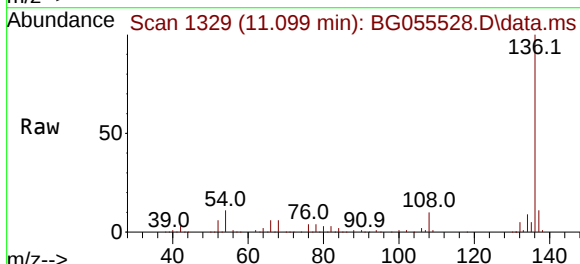
Instrument :
BNA_G
ClientSampleId :
20221172-COMP-07-MODIFIED-ELUTRIATE

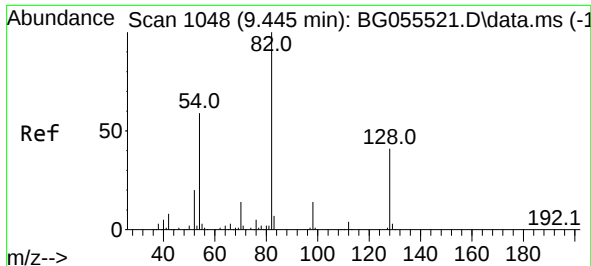
Tgt Ion: 70 Resp: 41926
Ion Ratio Lower Upper
70 100
42 56.5 54.8 82.2
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion: 136 Resp: 231518
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.8 8.6 12.8
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 89.373 ng

RT: 9.443 min Scan# 1048

Delta R.T. -0.002 min

Lab File: BG055528.D

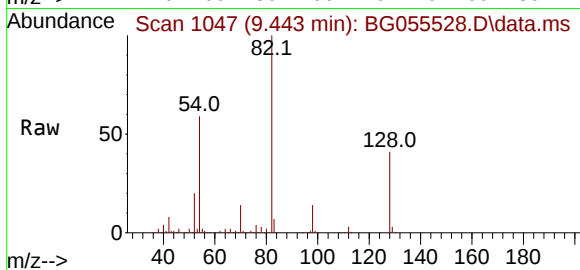
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Instrument :

BNA_G

ClientSampleId :

20221172-COMP-07-MODIFIED-ELUTRIATE



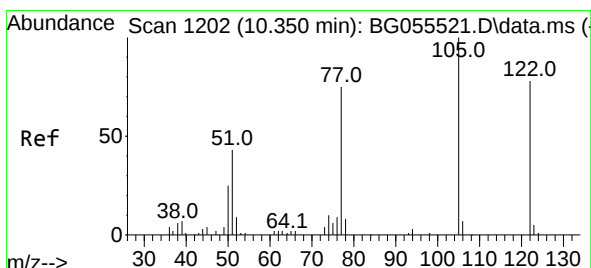
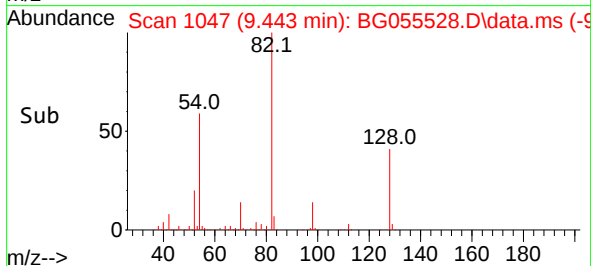
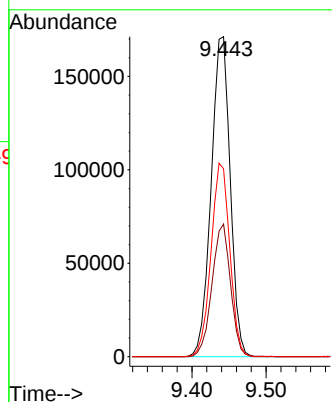
Tgt Ion: 82 Resp: 305219

Ion Ratio Lower Upper

82 100

128 41.4 32.6 49.0

54 58.7 47.3 70.9



#32

Benzoic acid

Concen: 4.462 ng

RT: 10.541 min Scan# 1234

Delta R.T. 0.191 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

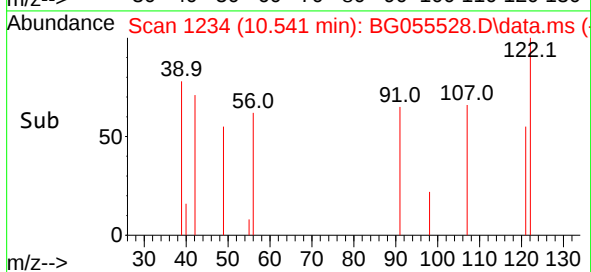
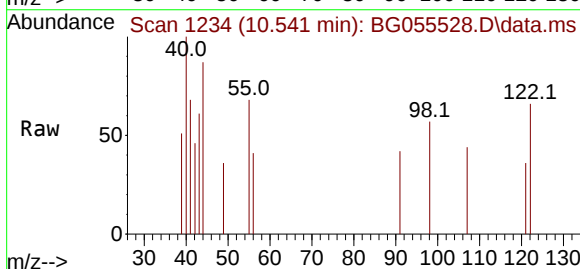
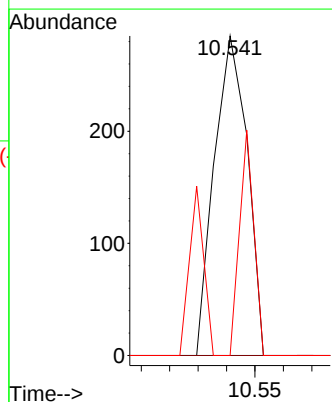
Tgt Ion:122 Resp: 229

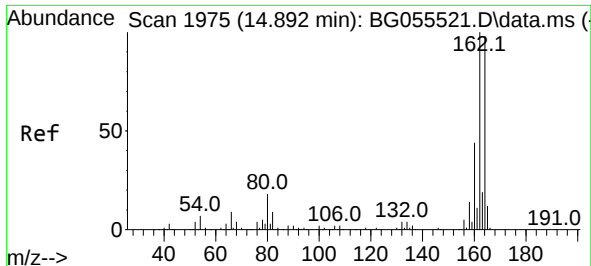
Ion Ratio Lower Upper

122 100

105 0.0 101.2 141.2#

77 0.0 74.4 114.4#

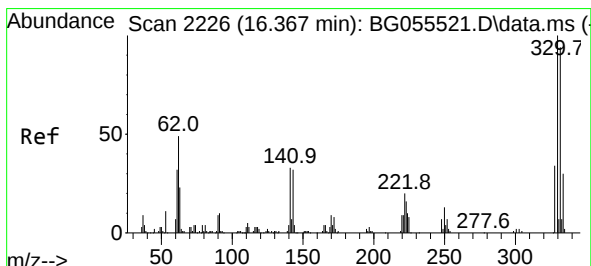
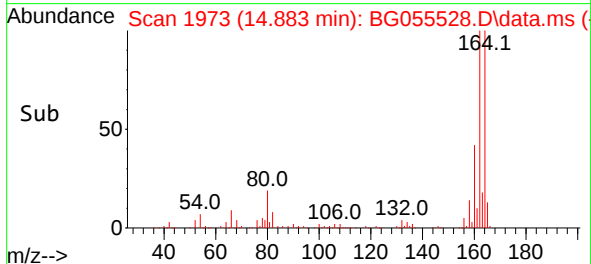
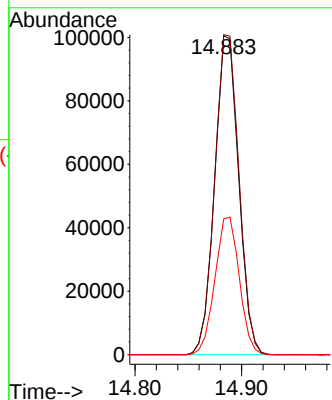
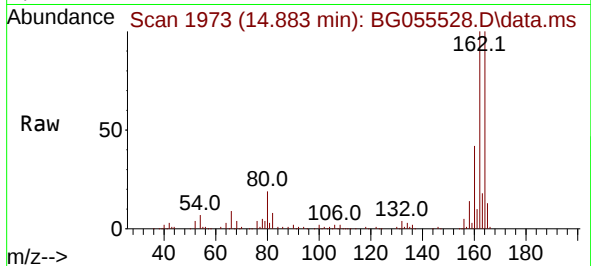




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1975
Delta R.T. -0.009 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

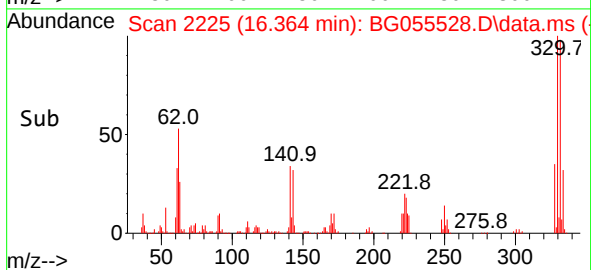
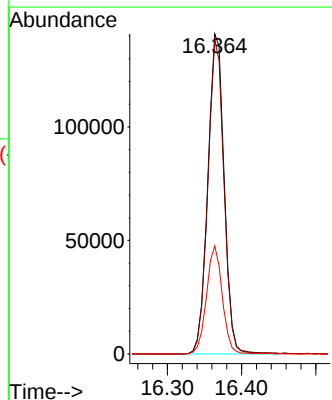
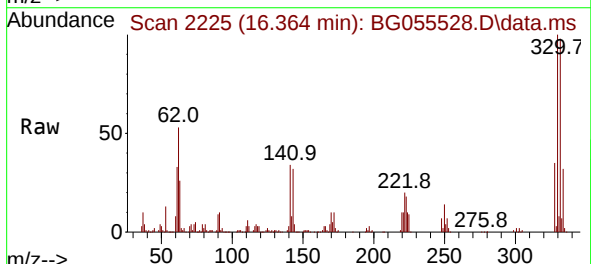
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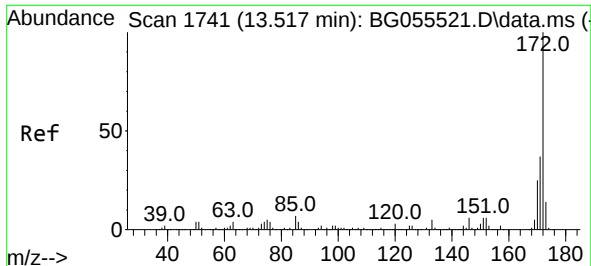
Tgt Ion:164 Resp: 157250
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 42.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 140.760 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion:330 Resp: 215967
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.8 25.4 38.2

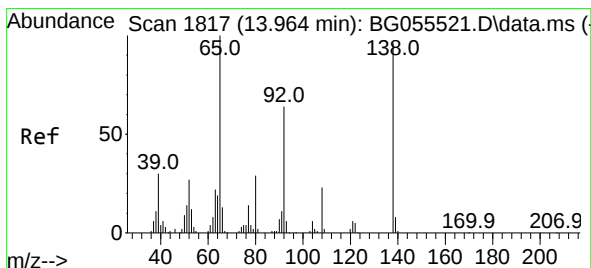
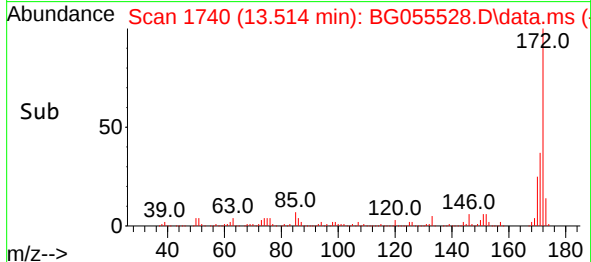
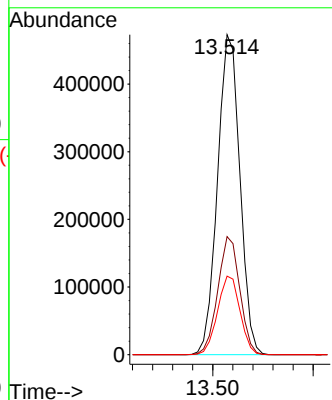
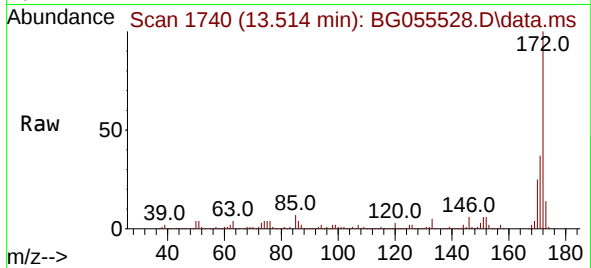




#45
2-Fluorobiphenyl
Concen: 70.041 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

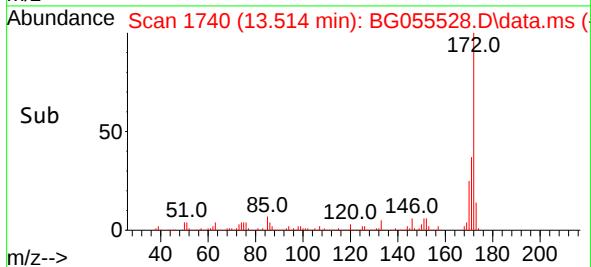
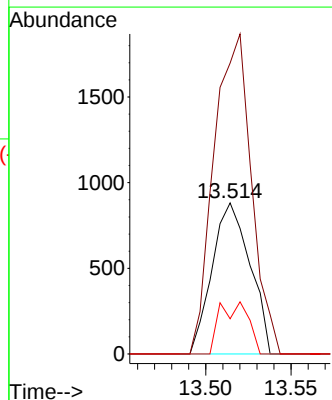
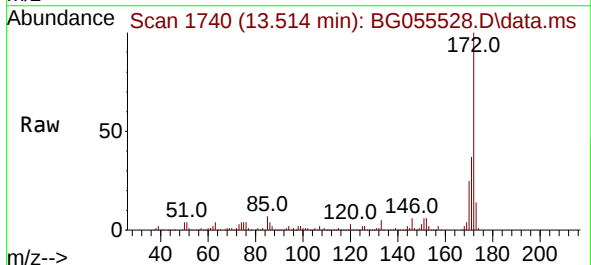
Instrument : BNA_G
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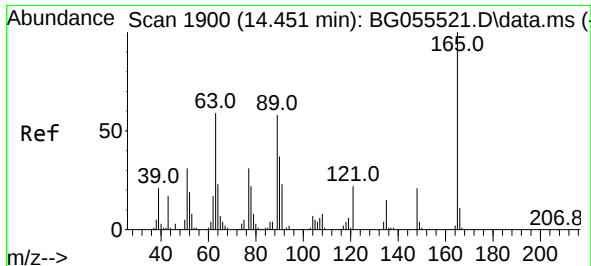
Tgt Ion:172 Resp: 730178
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 4.335 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.450 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion: 65 Resp: 1362
Ion Ratio Lower Upper
65 100
92 192.5 51.6 77.4#
138 23.4 77.0 115.4#





#51

2,6-Dinitrotoluene

Concen: 12.267 ng

RT: 14.883 min Scan# 1900

Delta R.T. 0.432 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

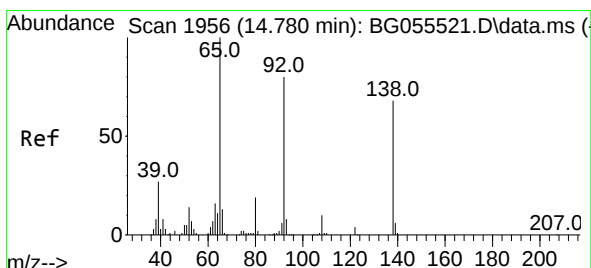
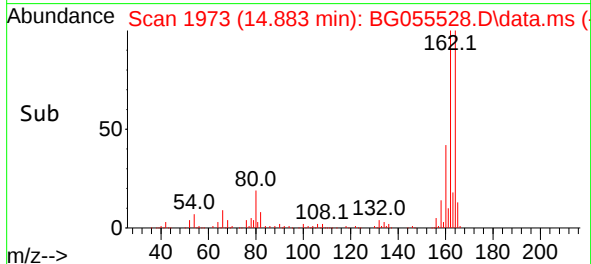
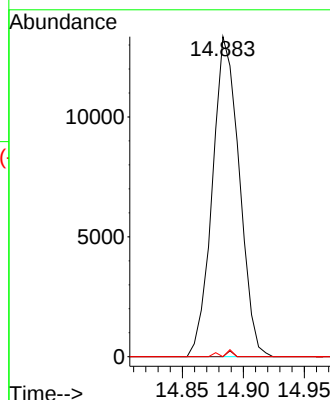
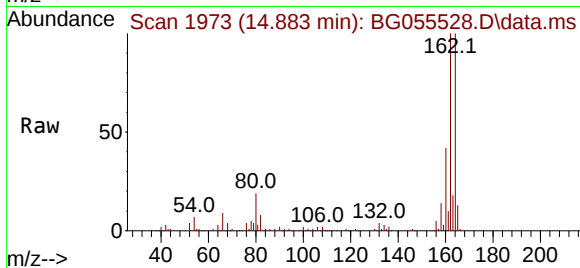
Instrument :

BNA_G

ClientSampleId :

20221172-COMP-07-MODIFIED-ELUTRIATE

Tgt Ion:165	Resp:	20491
Ion Ratio	Lower	Upper
165	100	
63	0.0	50.1
89	0.0	46.5



#53

3-Nitroaniline

Concen: 3.798 ng

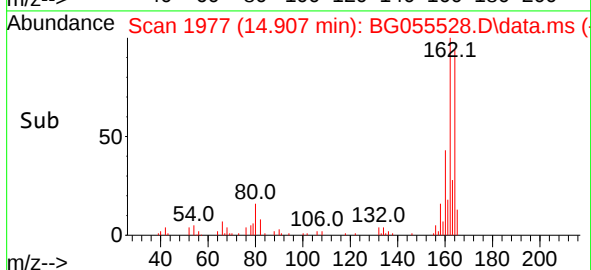
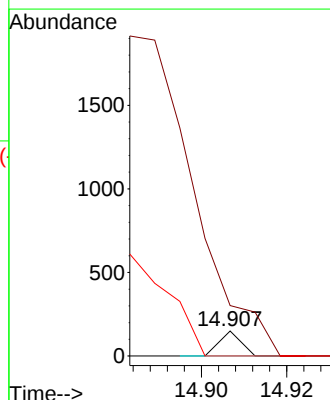
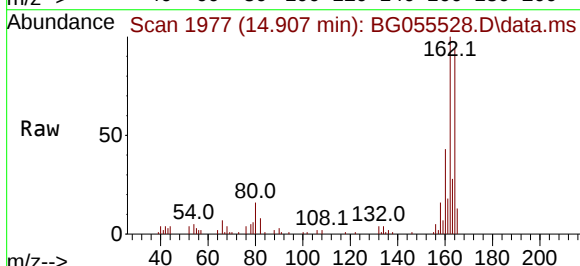
RT: 14.907 min Scan# 1977

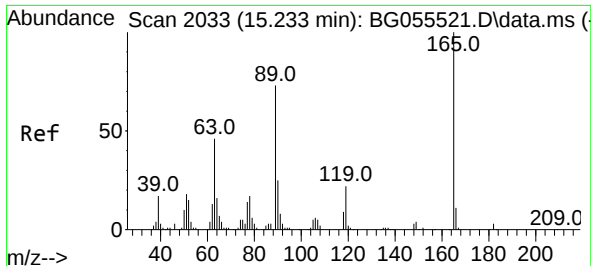
Delta R.T. 0.127 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

Tgt Ion:138	Resp:	53
Ion Ratio	Lower	Upper
138	100	
108	201.3	11.7
92	0.0	94.3





#57

2,4-Dinitrotoluene

Concen: 10.451 ng

RT: 14.883 min Scan# 14

Delta R.T. -0.350 min

Lab File: BG055528.D

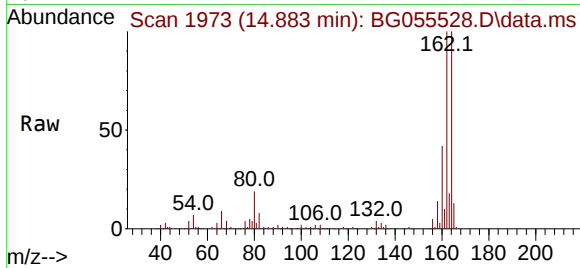
Acq: 9 Nov 2022 18:07

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 20491

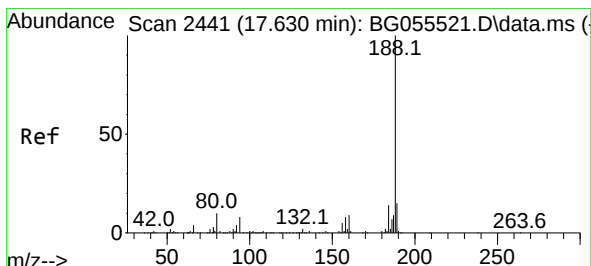
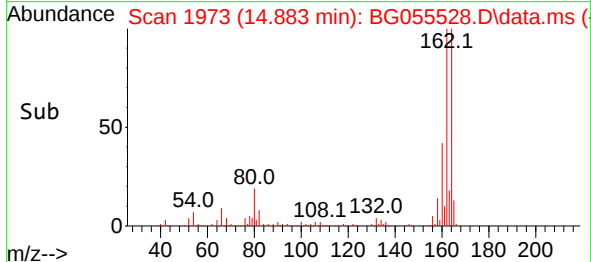
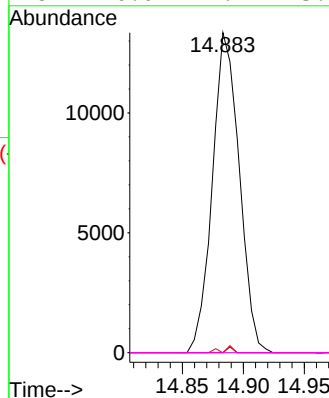
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 0.0 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.627 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

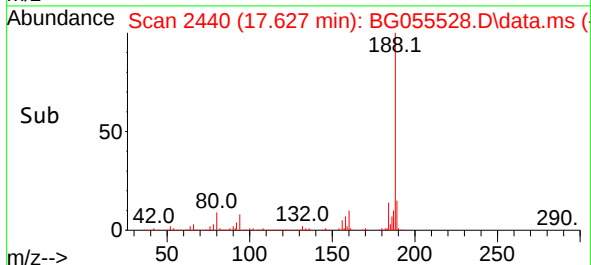
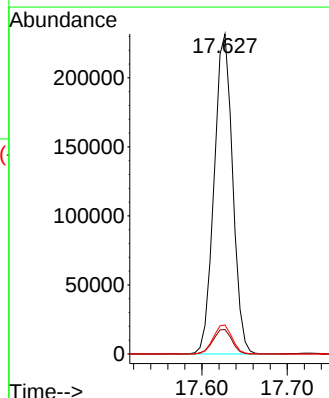
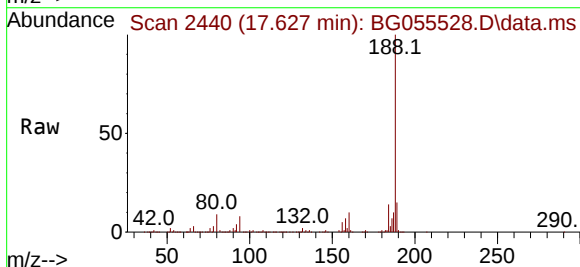
Tgt Ion:188 Resp: 349109

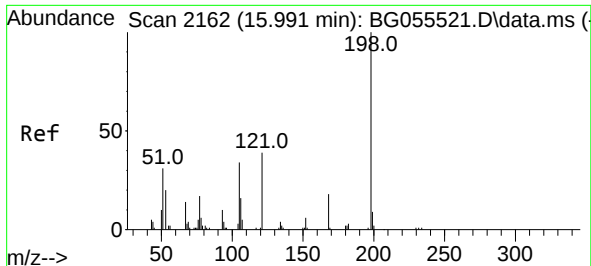
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 9.1 7.6 11.4

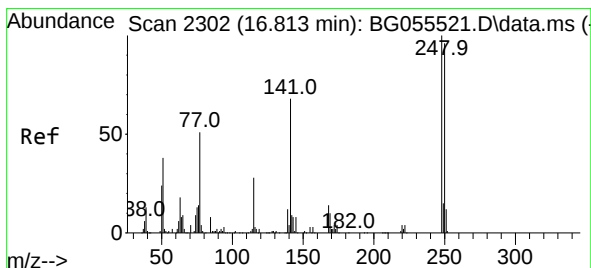
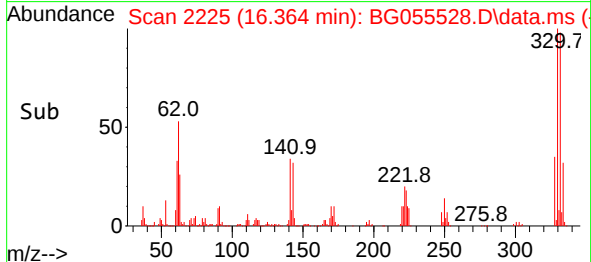
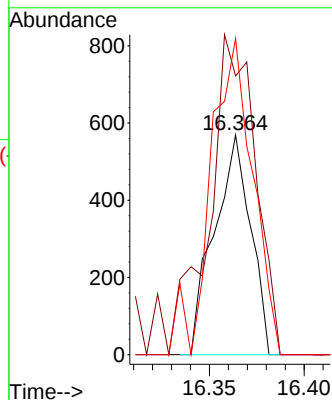
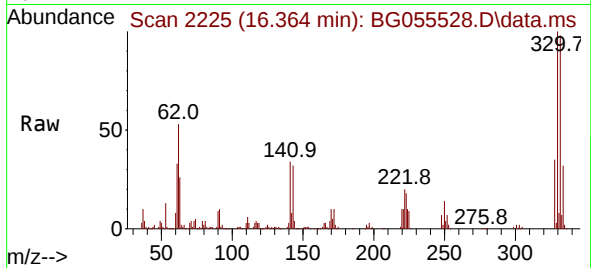




#65
4,6-Dinitro-2-methylphenol
Concen: 2.795 ng
RT: 16.364 min Scan# 2162
Delta R.T. 0.373 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

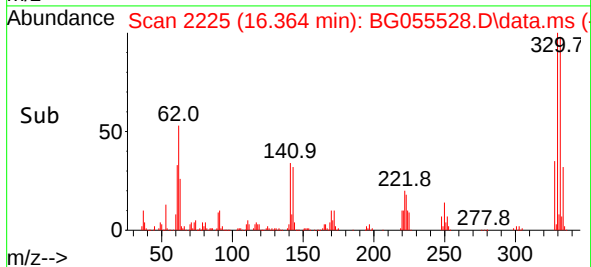
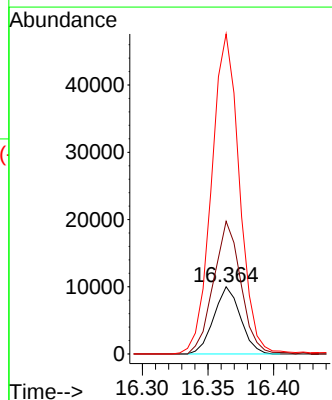
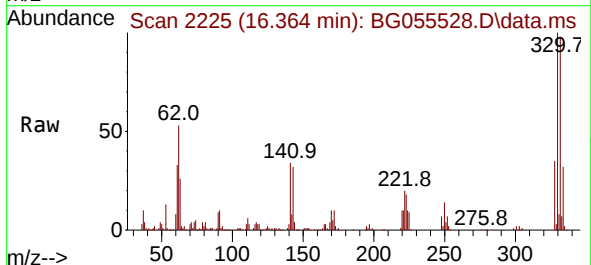
Instrument :
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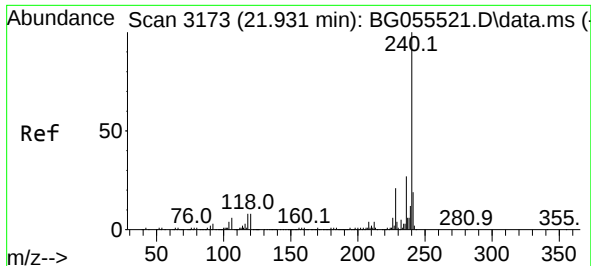
Tgt Ion:198 Resp: 758
Ion Ratio Lower Upper
198 100
51 126.9 24.7 64.7#
105 143.9 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.449 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion:248 Resp: 14116
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 476.2 54.3 81.5#

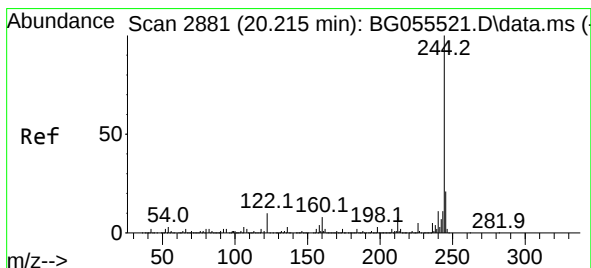
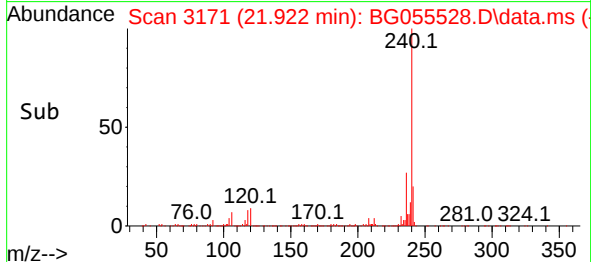
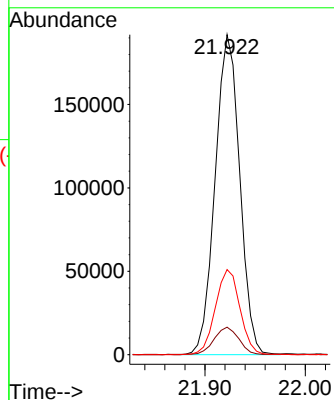
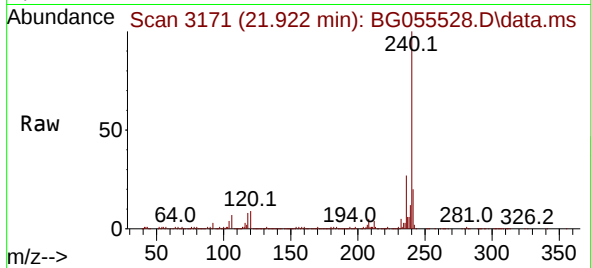




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

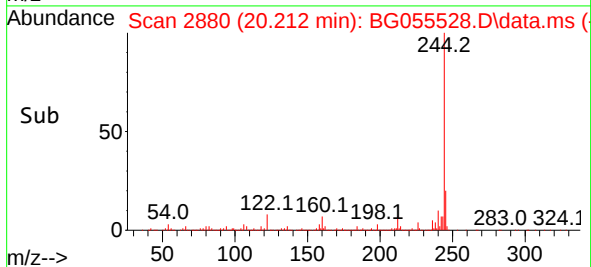
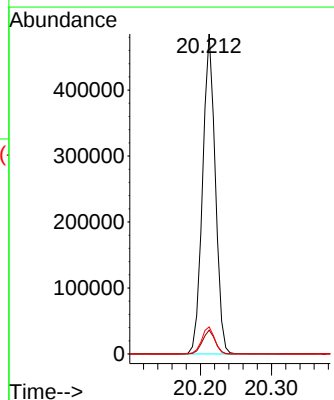
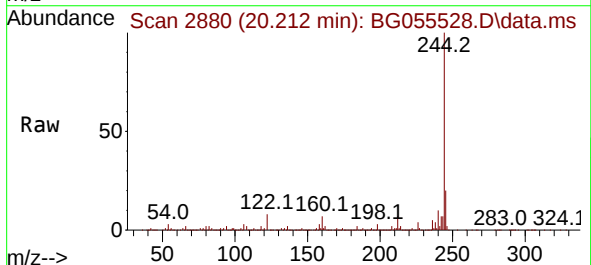
Instrument :
BNA_G
ClientSampleId :
20221172-COMP-07-MODIFIED-ELUTRIATE

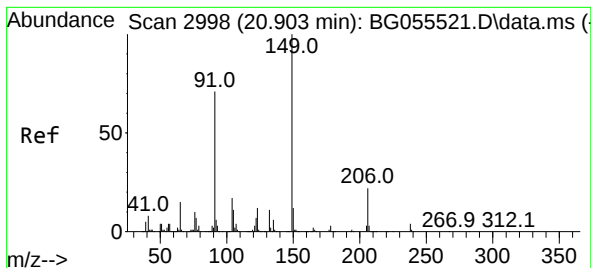
Tgt Ion:240 Resp: 326443
Ion Ratio Lower Upper
240 100
120 8.6 6.1 9.1
236 26.6 21.4 32.0



#79
Terphenyl-d14
Concen: 37.117 ng
RT: 20.212 min Scan# 2880
Delta R.T. -0.003 min
Lab File: BG055528.D
Acq: 9 Nov 2022 18:07

Tgt Ion:244 Resp: 603249
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 8.4 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.398 ng

RT: 20.900 min Scan# 2998

Delta R.T. -0.003 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

Instrument :

BNA_G

ClientSampleId :

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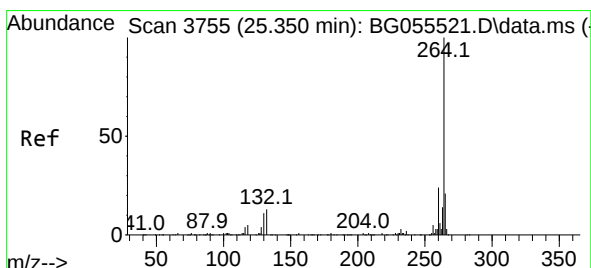
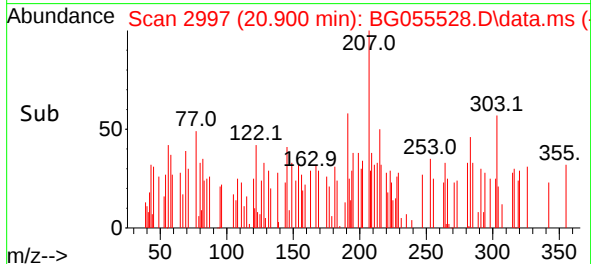
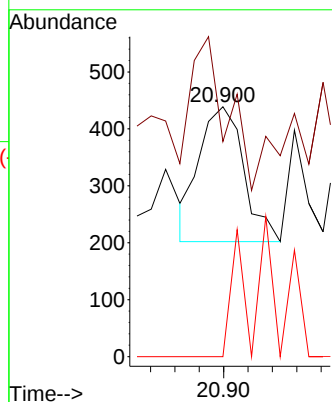
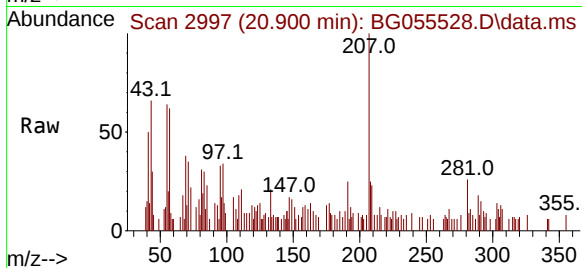
Tgt Ion:149 Resp: 300

Ion Ratio Lower Upper

149 100

91 86.1 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.342 min Scan# 3753

Delta R.T. -0.008 min

Lab File: BG055528.D

Acq: 9 Nov 2022 18:07

Tgt Ion:264 Resp: 345511

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.9 17.1 25.7

