

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055630.D
 Acq On : 15 Nov 2022 20:28
 Operator : CG/JU
 Sample : N5538-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14-A-WEST

Quant Time: Nov 16 01:45:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

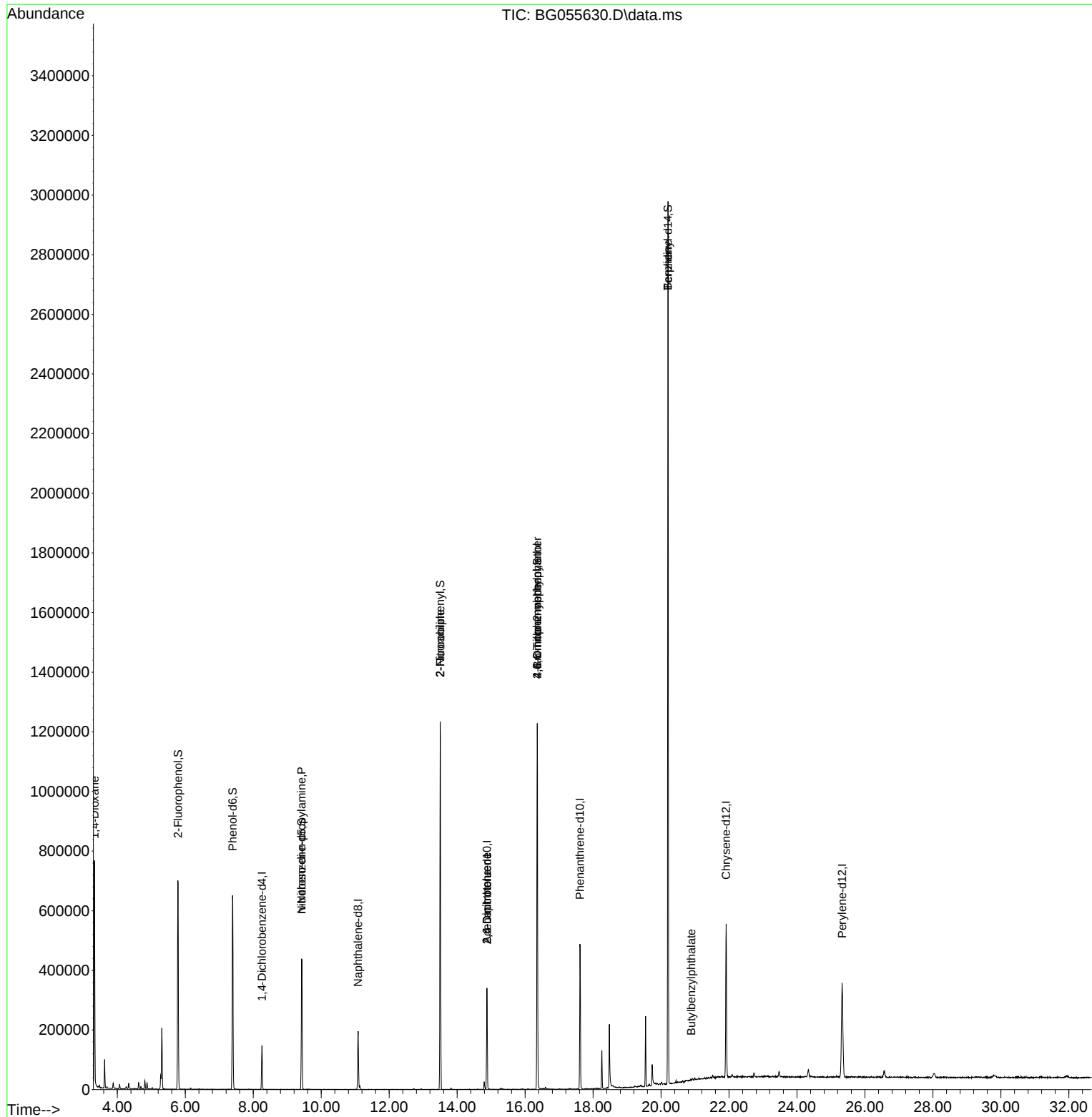
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	41072	20.000	ng	0.00
21) Naphthalene-d8	11.087	136	164362	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	118620	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	317675	20.000	ng	0.00
76) Chrysene-d12	21.915	240	326477	20.000	ng	0.00
86) Perylene-d12	25.329	264	339588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	306242	142.021	ng	0.00
7) Phenol-d6	7.391	99	368998	123.883	ng	0.00
23) Nitrobenzene-d5	9.424	82	262417	108.235	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	254120	219.565	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	642706	81.728	ng	0.00
79) Terphenyl-d14	20.206	244	1448089	89.090	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	5751	5.251	ng	# 1
19) n-Nitroso-di-n-propyla...	9.424	70	35728	14.514	ng	# 76
48) 2-Nitroaniline	13.502	65	1026	4.334	ng	# 1
51) 2,6-Dinitrotoluene	14.876	165	15599	12.351	ng	# 22
57) 2,4-Dinitrotoluene	14.876	165	15599	10.514	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.357	198	674	2.774	ng	# 1
67) 4-Bromophenyl-phenylether	16.357	248	16506	5.093	ng	# 1
77) Benzidine	20.206	184	23277	2.635	ng	# 91
80) Butylbenzylphthalate	20.887	149	439	3.413	ng	# 52

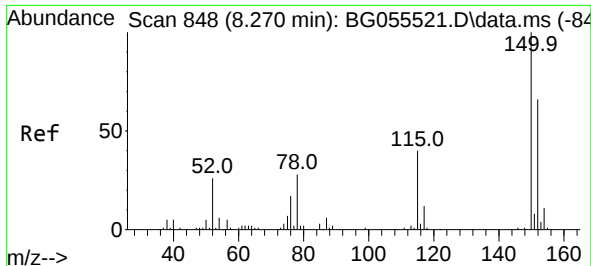
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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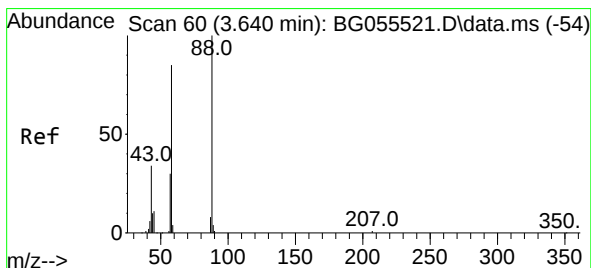
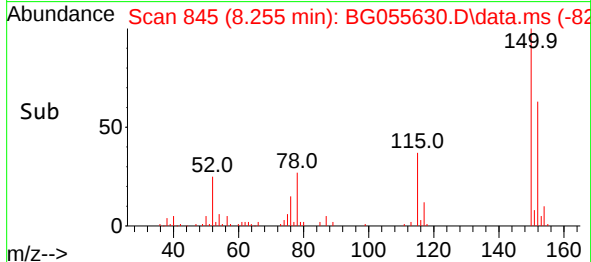
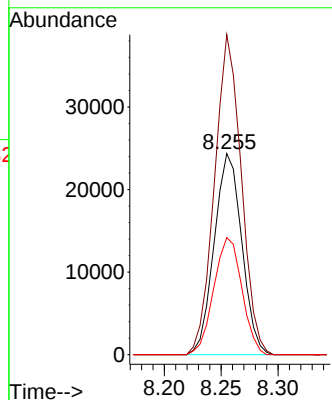
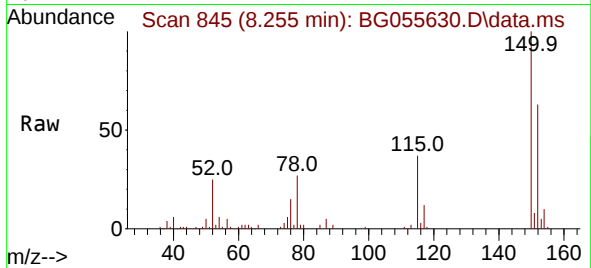




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

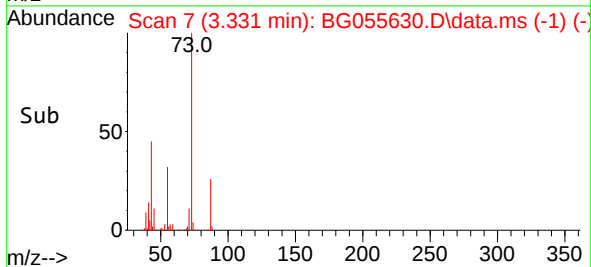
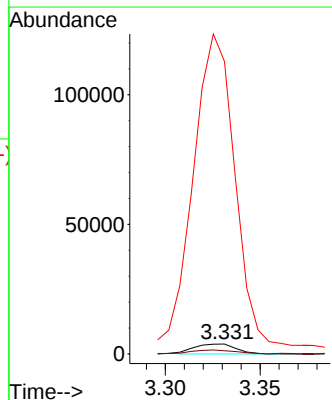
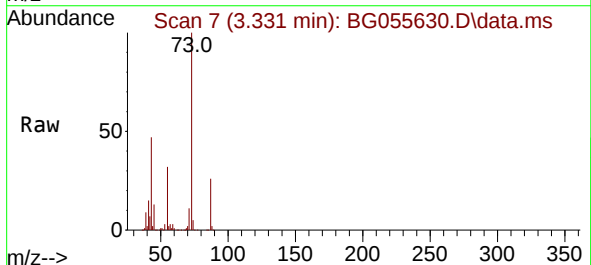
Instrument :
BNA_G
ClientSampleId :
TP-14-A-WEST

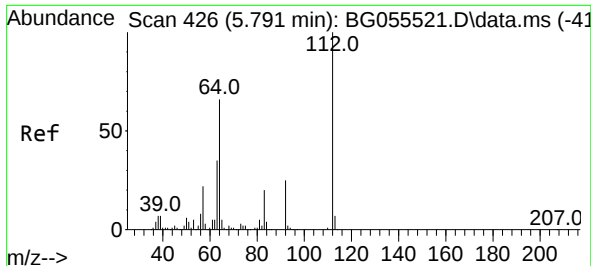
Tgt Ion:152 Resp: 41072
Ion Ratio Lower Upper
152 100
150 159.1 121.0 181.4
115 58.2 47.8 71.8



#2
1,4-Dioxane
Concen: 5.251 ng
RT: 3.331 min Scan# 7
Delta R.T. -0.294 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion: 88 Resp: 5751
Ion Ratio Lower Upper
88 100
58 40.9 68.9 103.3#
43 3052.1 27.1 40.7#

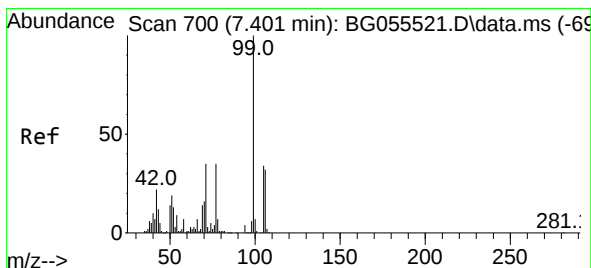
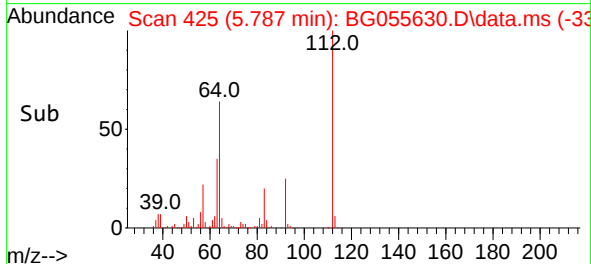
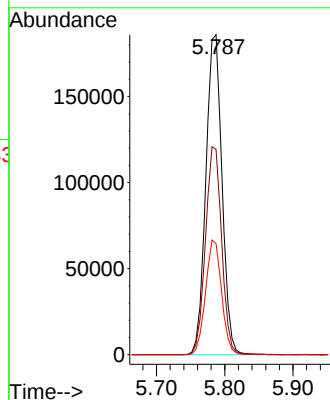
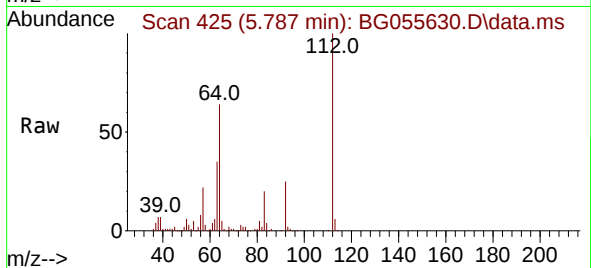




#5
2-Fluorophenol
Concen: 142.021 ng
RT: 5.787 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

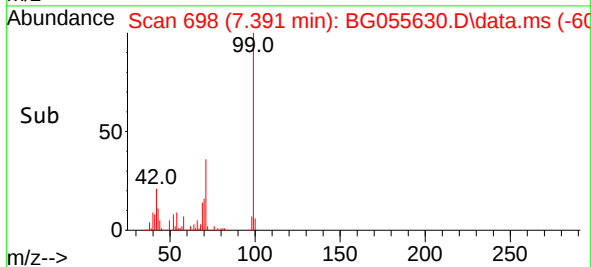
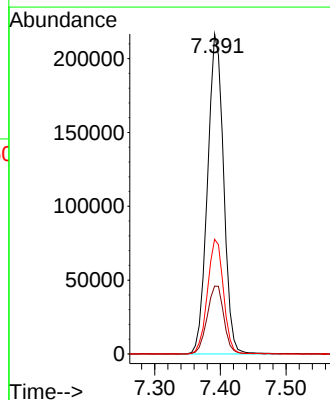
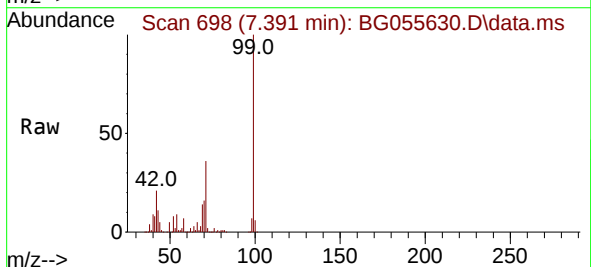
Instrument :
BNA_G
ClientSampleId :
TP-14-A-WEST

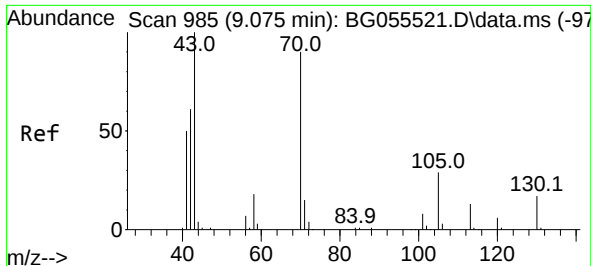
Tgt Ion:112 Resp: 306242
Ion Ratio Lower Upper
112 100
64 64.2 52.6 78.8
63 34.8 28.3 42.5



#7
Phenol-d6
Concen: 123.883 ng
RT: 7.391 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion: 99 Resp: 368998
Ion Ratio Lower Upper
99 100
42 21.2 17.5 26.3
71 35.9 28.3 42.5



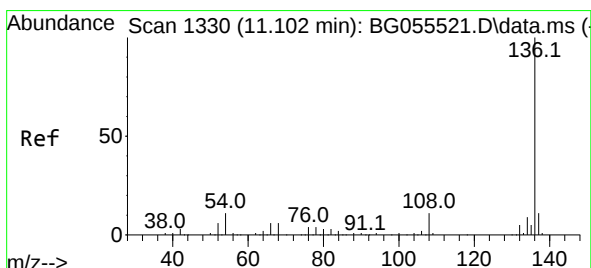
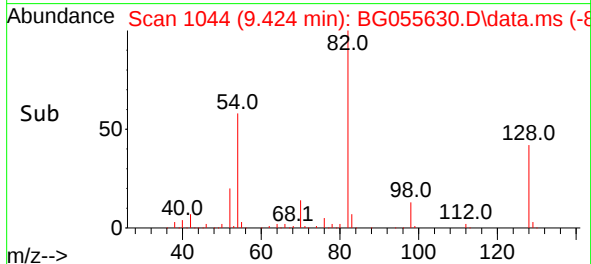
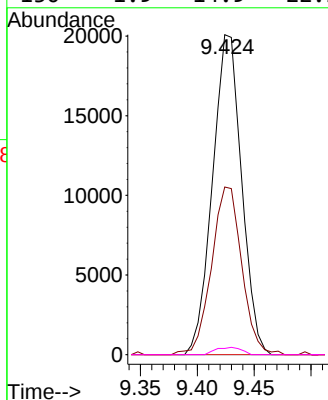
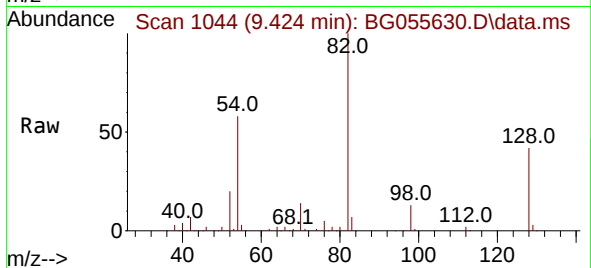


#19
n-Nitroso-di-n-propylamine
Concen: 14.514 ng
RT: 9.424 min Scan# 1044
Delta R.T. 0.358 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Instrument :
BNA_G
ClientSampleId :
TP-14-A-WEST

Tgt Ion: 70 Resp: 35728

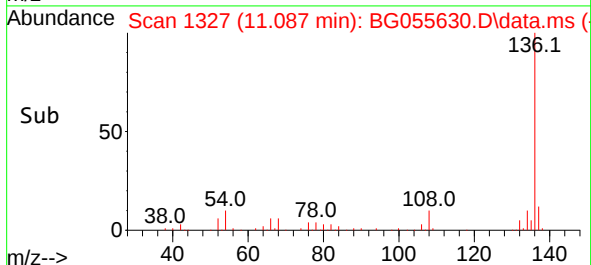
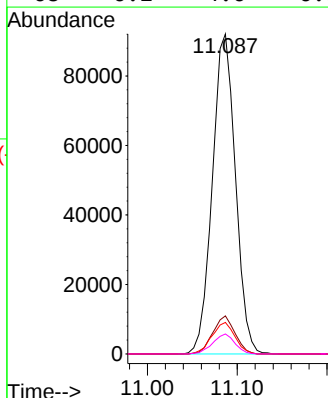
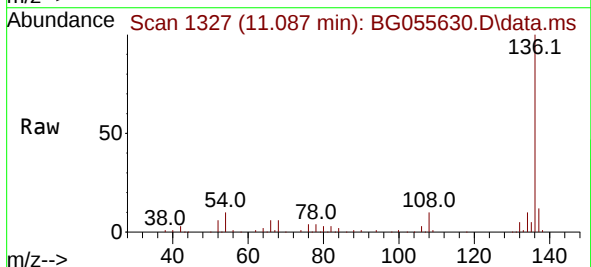
Ion	Ratio	Lower	Upper
70	100		
42	52.4	54.8	82.2#
101	0.0	6.8	10.2#
130	1.9	14.9	22.3#

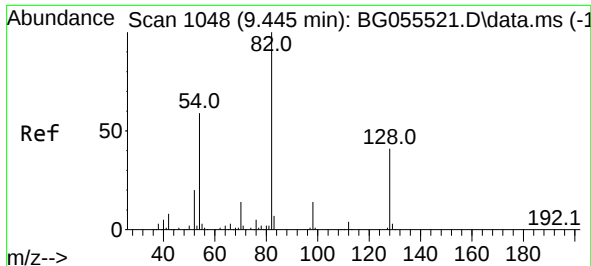


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.087 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion: 136 Resp: 164362

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.6	12.8
54	9.9	8.6	12.8
68	6.2	4.6	6.8

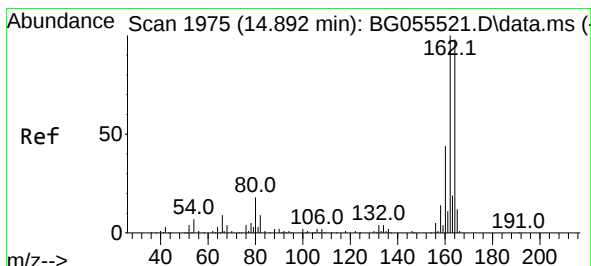
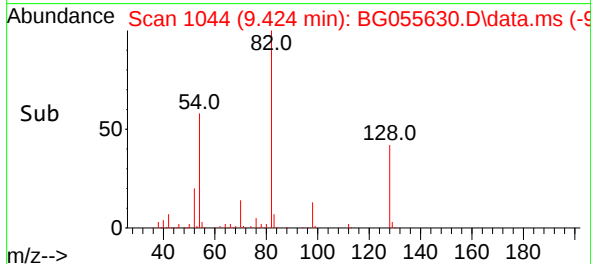
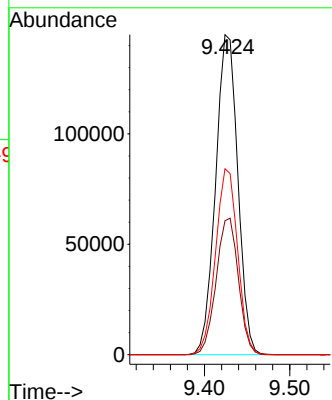
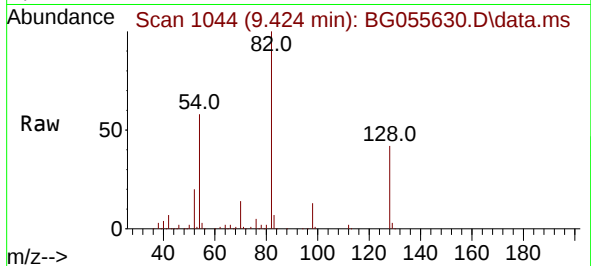




#23
Nitrobenzene-d5
Concen: 108.235 ng
RT: 9.424 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

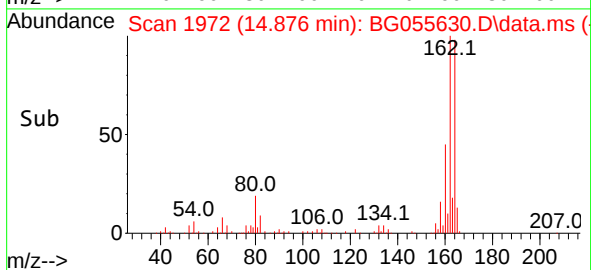
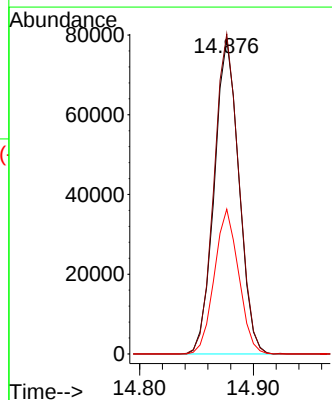
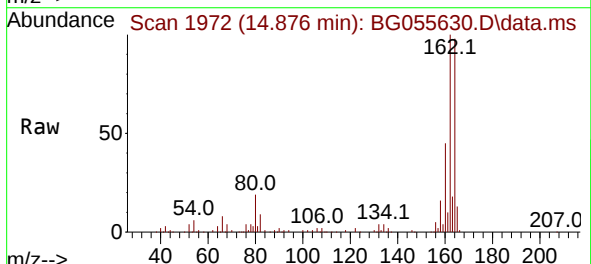
Instrument :
BNA_G
ClientSampleId :
TP-14-A-WEST

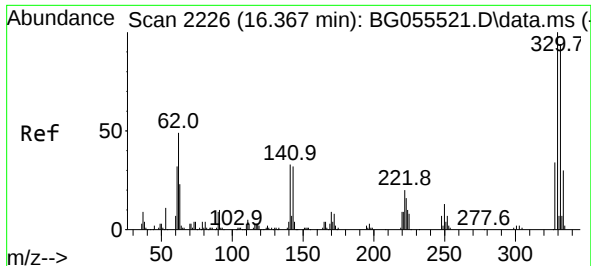
Tgt Ion: 82 Resp: 262417
Ion Ratio Lower Upper
82 100
128 41.8 32.6 49.0
54 58.1 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion: 164 Resp: 118620
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 46.0 35.9 53.9

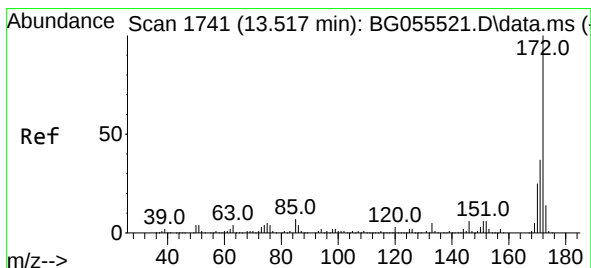
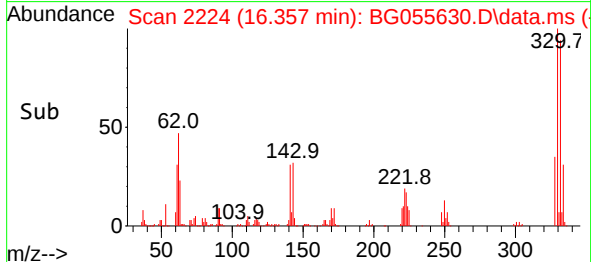
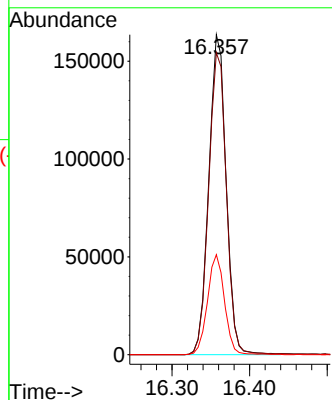
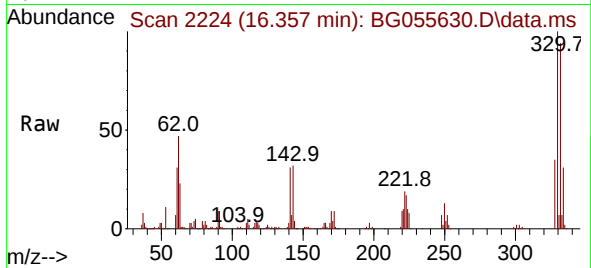




#42
 2,4,6-Tribromophenol
 Concen: 219.565 ng
 RT: 16.357 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055630.D
 Acq: 15 Nov 2022 20:28

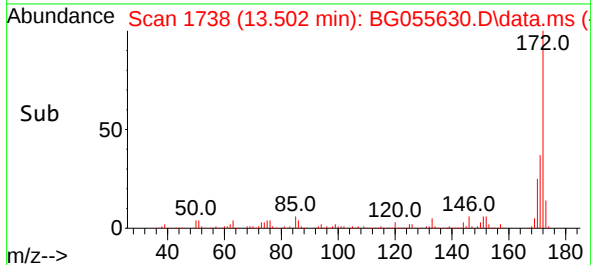
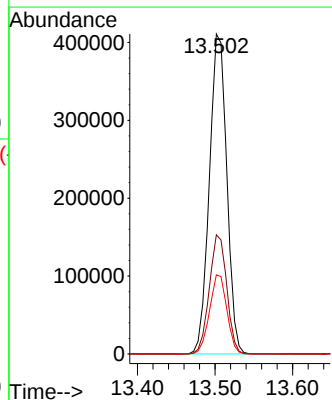
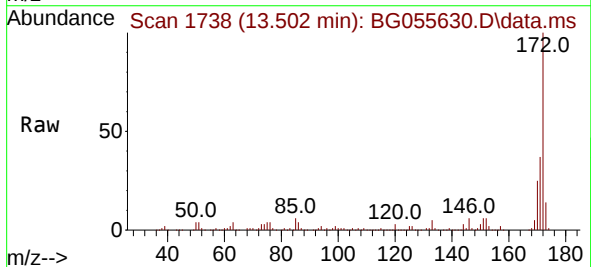
Instrument :
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 ClientSampleId :
 TP-14-A-WEST

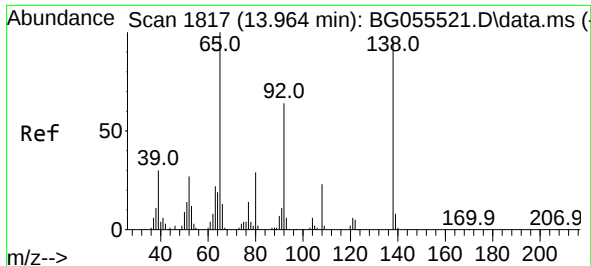
Tgt Ion:330 Resp: 254120
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 30.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 81.728 ng
 RT: 13.502 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BG055630.D
 Acq: 15 Nov 2022 20:28

Tgt Ion:172 Resp: 642706
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.7 19.8 29.6

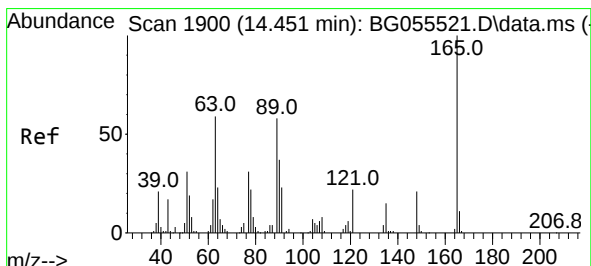
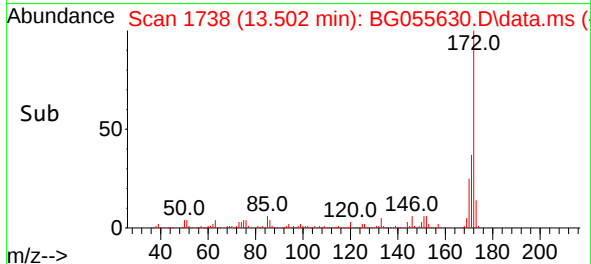
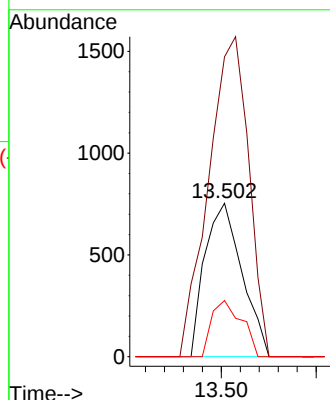
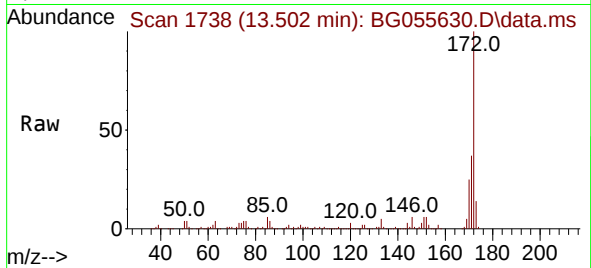




#48
2-Nitroaniline
Concen: 4.334 ng
RT: 13.502 min Scan# 1
Delta R.T. -0.458 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

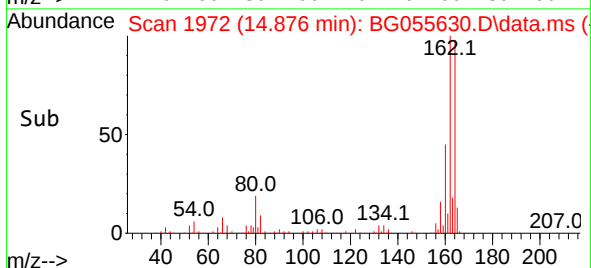
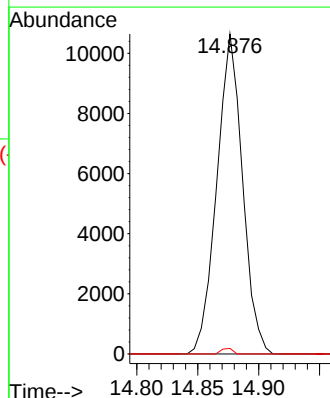
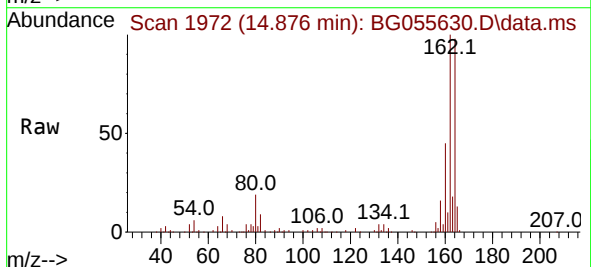
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BNA_G
ClientSampleId :
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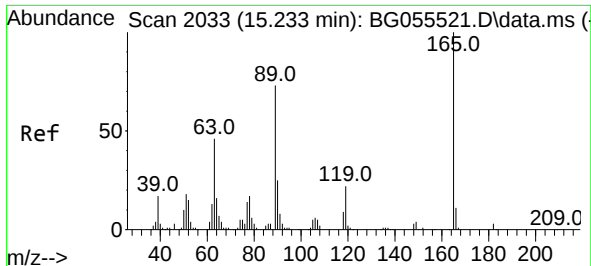
Tgt Ion: 65 Resp: 1026
Ion Ratio Lower Upper
65 100
92 195.4 51.6 77.4#
138 36.6 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.351 ng
RT: 14.876 min Scan# 1972
Delta R.T. 0.429 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion:165 Resp: 15599
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.7 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.514 ng

RT: 14.876 min Scan# 14

Delta R.T. -0.353 min

Lab File: BG055630.D

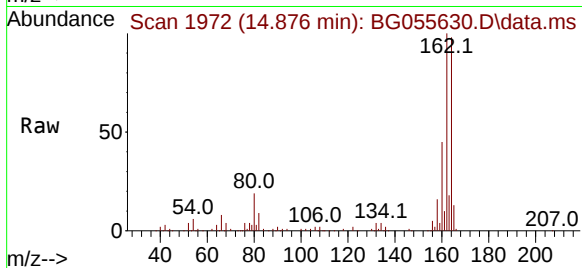
Acq: 15 Nov 2022 20:28

Instrument :

BNA_G

ClientSampleId :

TP-14-A-WEST



Tgt Ion:165 Resp: 15599

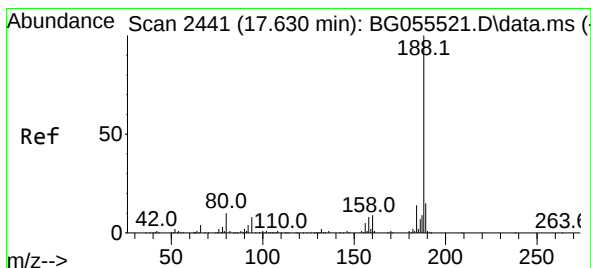
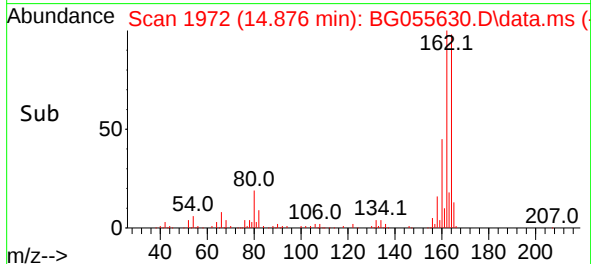
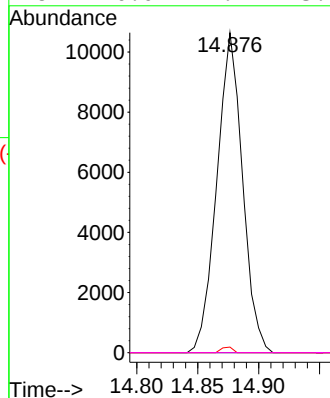
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 1.7 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.614 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055630.D

Acq: 15 Nov 2022 20:28

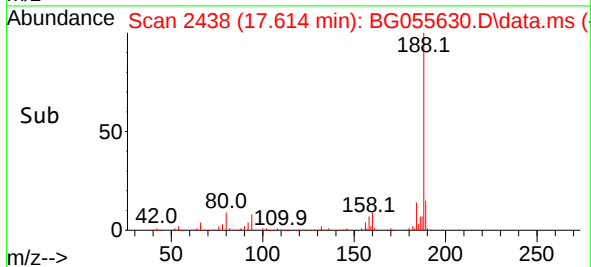
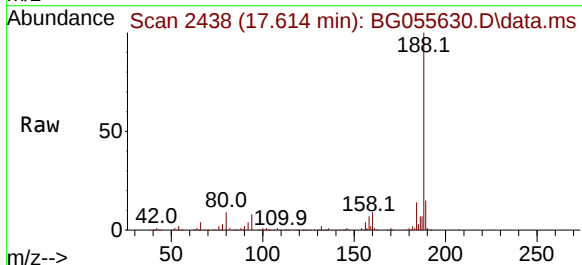
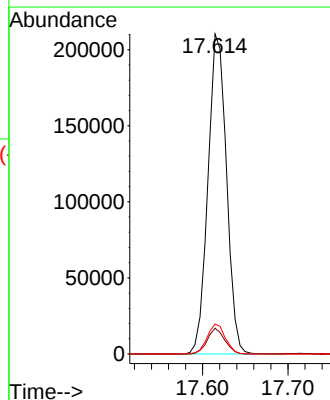
Tgt Ion:188 Resp: 317675

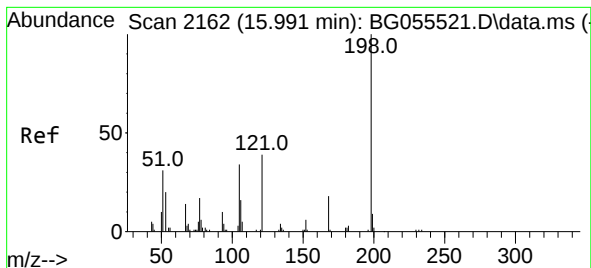
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.3 7.6 11.4

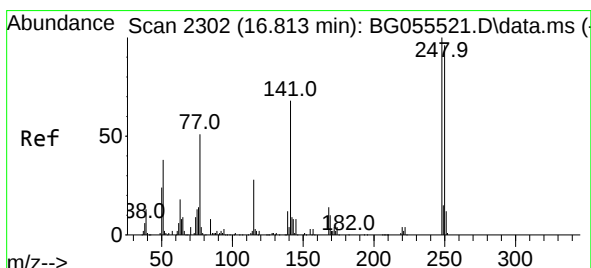
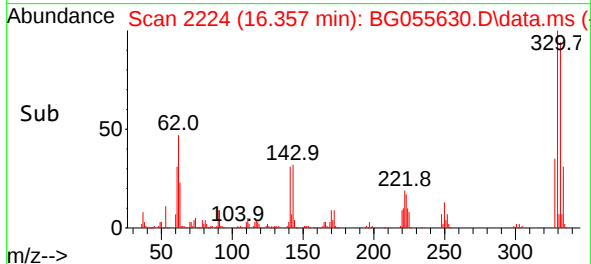
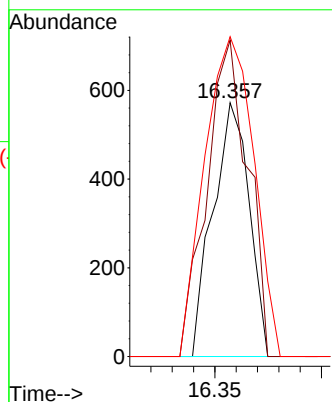
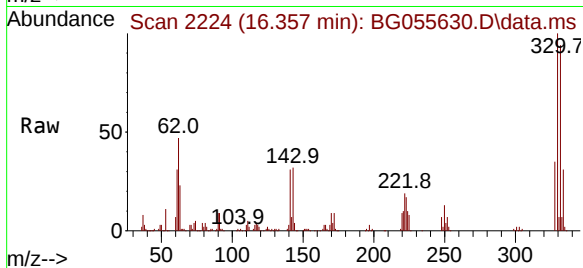




#65
4,6-Dinitro-2-methylphenol
Concen: 2.774 ng
RT: 16.357 min Scan# 2162
Delta R.T. 0.364 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

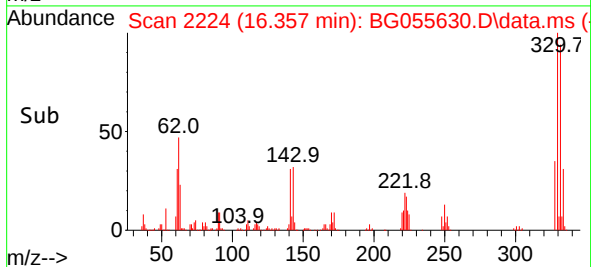
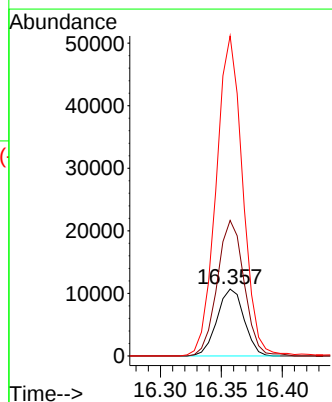
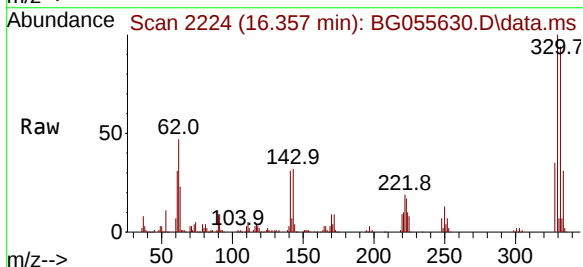
Instrument :
BNA_G
ClientSampleId :
TP-14-A-WEST

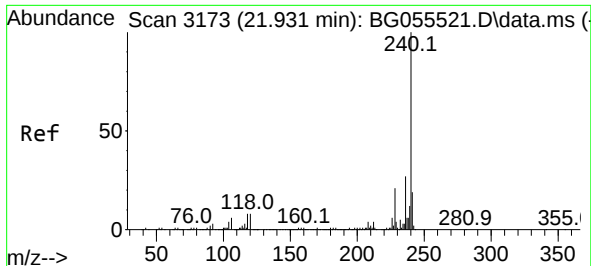
Tgt Ion:198 Resp: 674
Ion Ratio Lower Upper
198 100
51 124.7 24.7 64.7#
105 126.0 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 5.093 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.447 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion:248 Resp: 16506
Ion Ratio Lower Upper
248 100
250 202.7 76.9 115.3#
141 478.7 54.3 81.5#

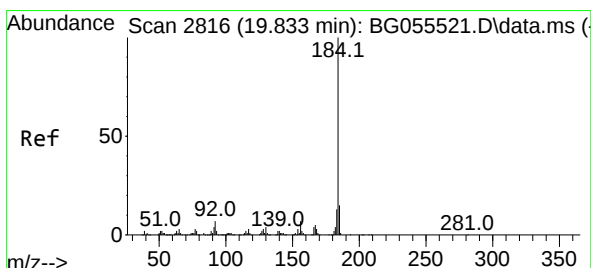
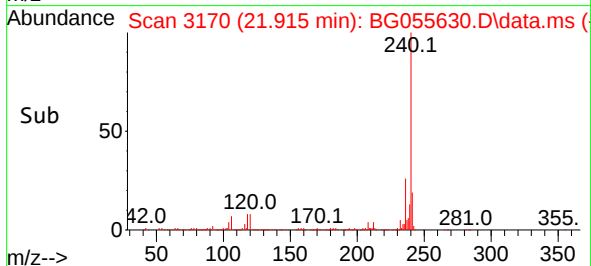
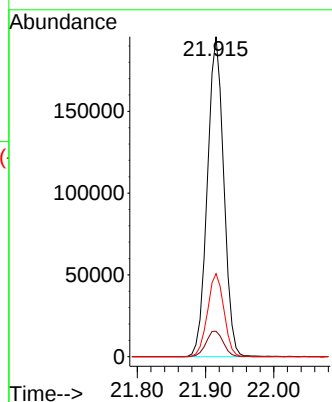
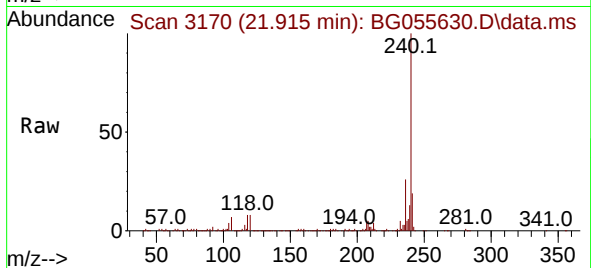




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

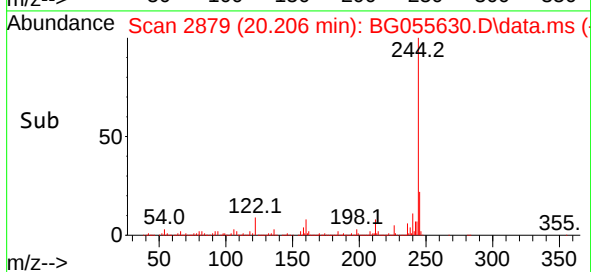
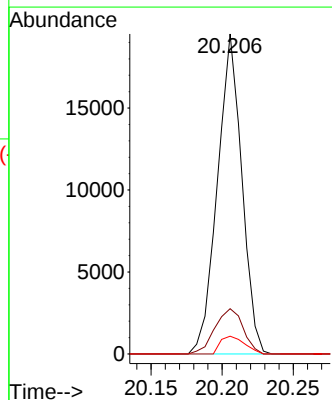
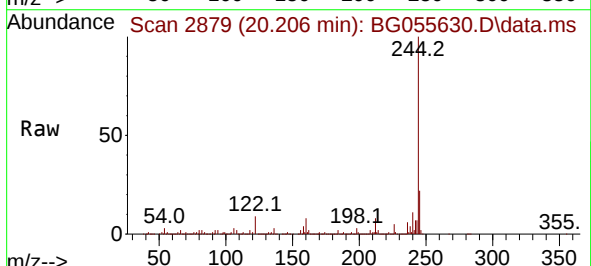
Instrument :
BNA_G
ClientSampleId :
TP-14-A-WEST

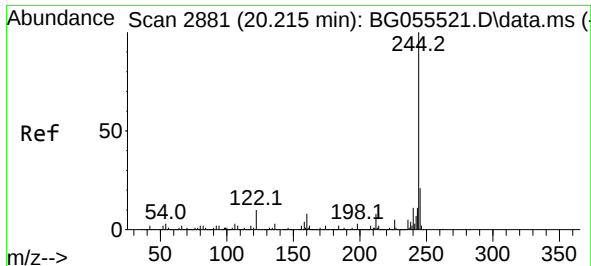
Tgt Ion:240 Resp: 326477
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 25.9 21.4 32.0



#77
Benzidine
Concen: 2.635 ng
RT: 20.206 min Scan# 2879
Delta R.T. 0.376 min
Lab File: BG055630.D
Acq: 15 Nov 2022 20:28

Tgt Ion:184 Resp: 23277
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 5.6 10.2 15.2#

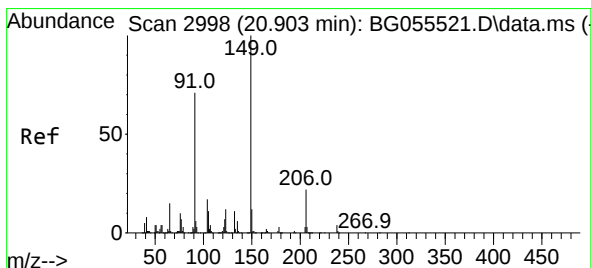
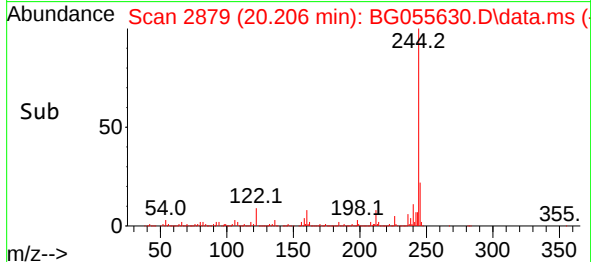
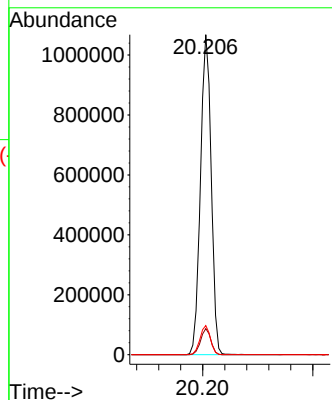
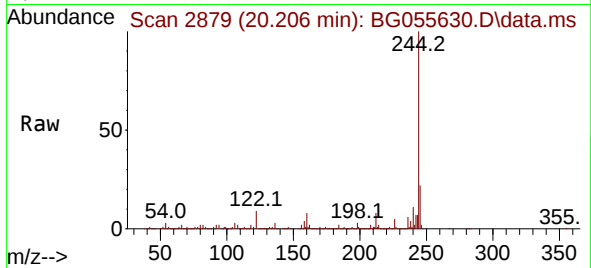




#79
 Terphenyl-d14
 Concen: 89.090 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055630.D
 Acq: 15 Nov 2022 20:28

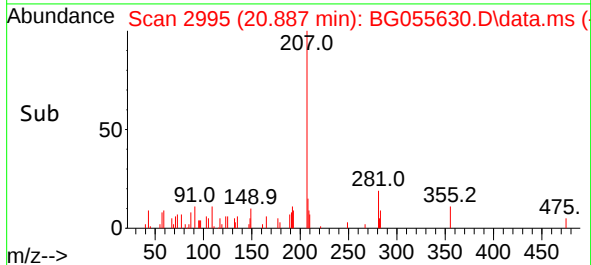
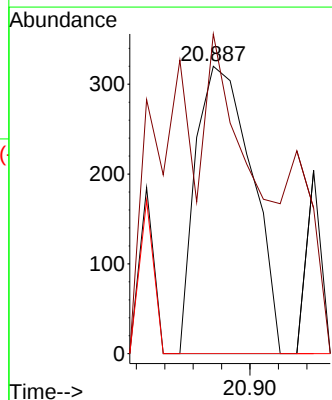
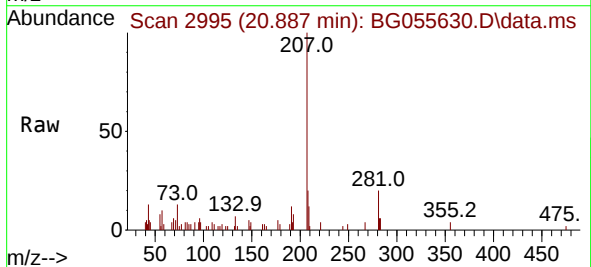
Instrument :
 BNA_G
 ClientSampleId :
 TP-14-A-WEST

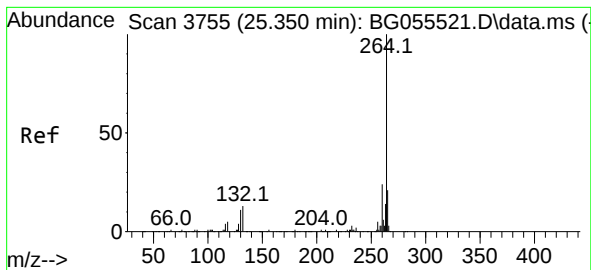
Tgt Ion:244 Resp: 1448089
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.413 ng
 RT: 20.887 min Scan# 2995
 Delta R.T. -0.006 min
 Lab File: BG055630.D
 Acq: 15 Nov 2022 20:28

Tgt Ion:149 Resp: 439
 Ion Ratio Lower Upper
 149 100
 91 111.3 56.8 85.2#
 206 0.0 17.3 25.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.329 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055630.D

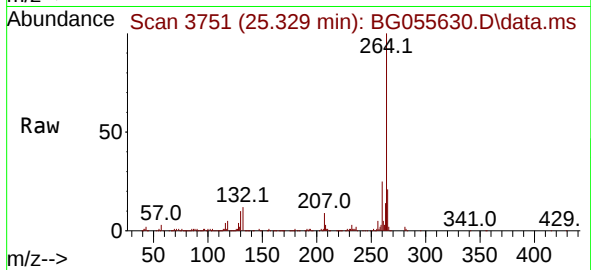
Acq: 15 Nov 2022 20:28

Instrument :

BNA_G

ClientSampleId :

TP-14-A-WEST



Tgt Ion:264 Resp: 339588

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.4 17.1 25.7

