

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054375.D
 Acq On : 25 Jul 2022 11:38
 Operator : CG/JU
 Sample : PB146384BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146384BL

Quant Time: Jul 26 00:54:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

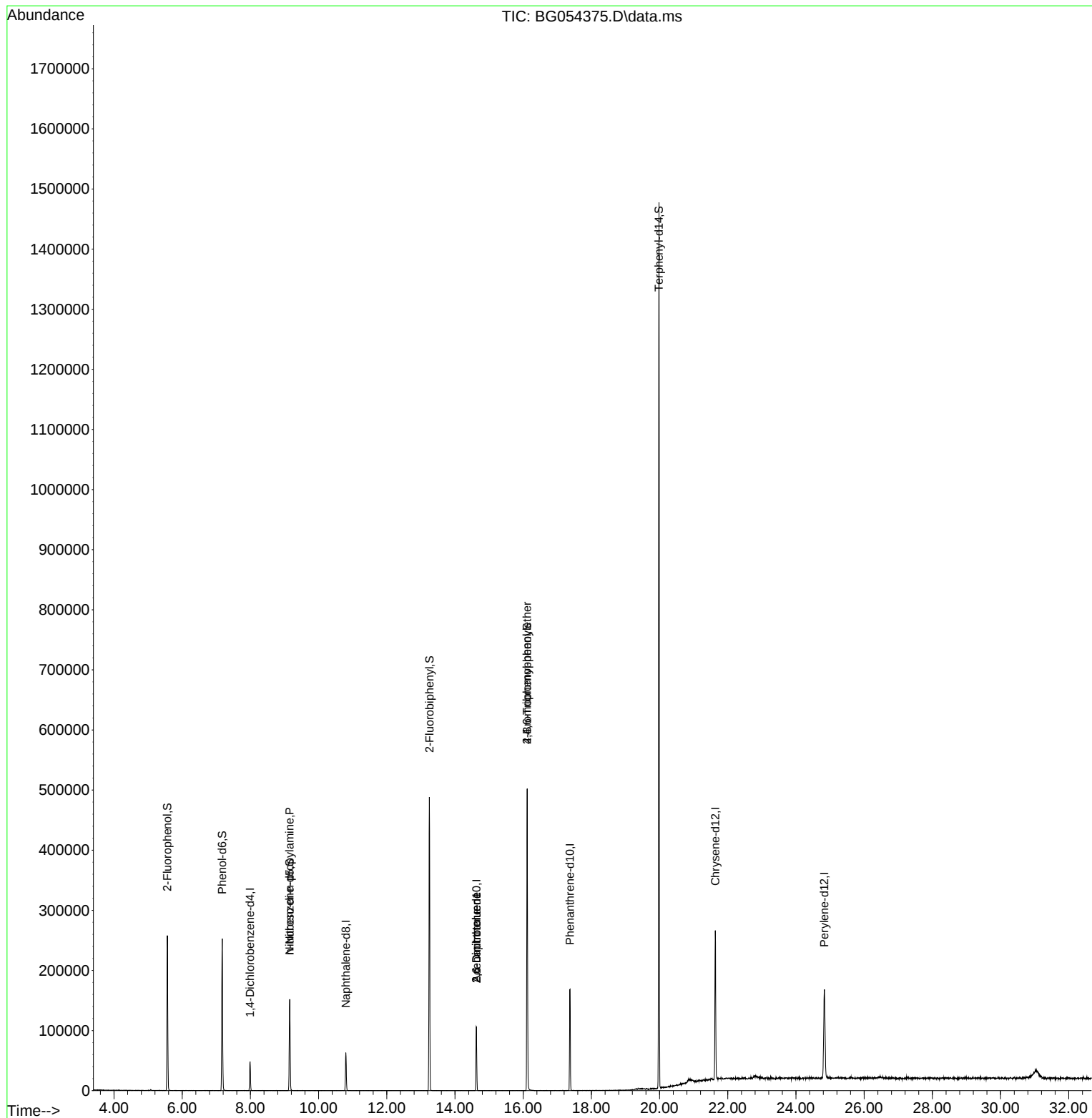
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	15720	20.000	ng	-0.01
21) Naphthalene-d8	10.797	136	57470	20.000	ng	#-0.01
39) Acenaphthene-d10	14.628	164	44513	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	128033	20.000	ng	# 0.00
76) Chrysene-d12	21.632	240	175724	20.000	ng	#-0.01
86) Perylene-d12	24.828	264	182528	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	112280	149.127	ng	0.00
7) Phenol-d6	7.172	99	140790	136.467	ng	0.00
23) Nitrobenzene-d5	9.152	82	95083	90.098	ng	-0.01
42) 2,4,6-Tribromophenol	16.115	330	133348	142.678	ng	-0.01
45) 2-Fluorobiphenyl	13.247	172	285136	90.365	ng	-0.01
79) Terphenyl-d14	19.981	244	819914	92.563	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.172	77	140	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.152	70	13272	19.265	ng	# 83
51) 2,6-Dinitrotoluene	14.628	165	6241	8.184	ng	# 16
57) 2,4-Dinitrotoluene	14.628	165	6241	5.709	ng	# 21
67) 4-Bromophenyl-phenylether	16.115	248	8117	4.514	ng	# 1

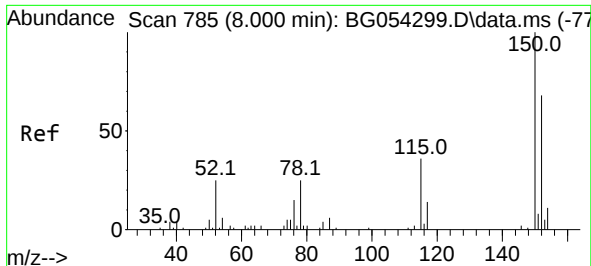
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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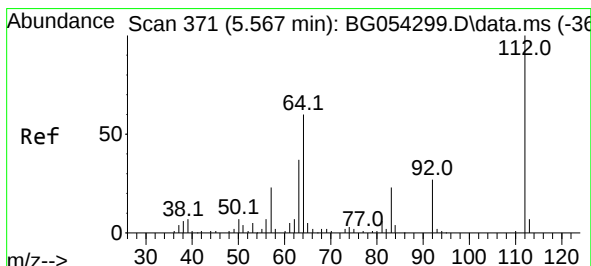
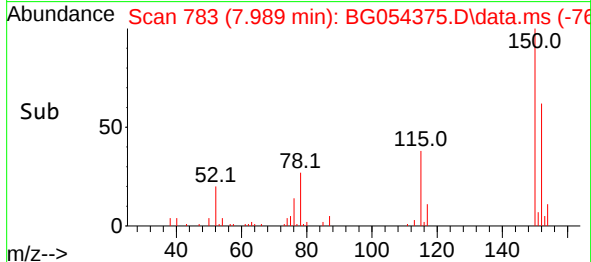
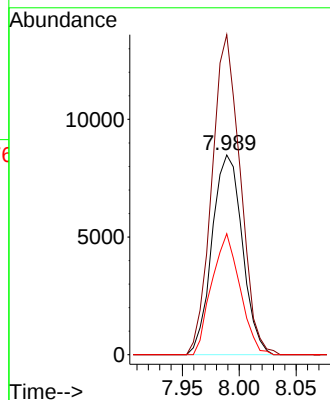
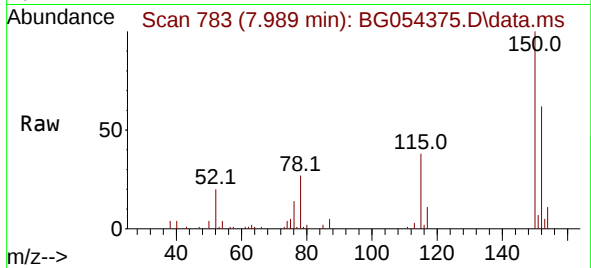




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.989 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BG054375.D
 Acq: 25 Jul 2022 11:38

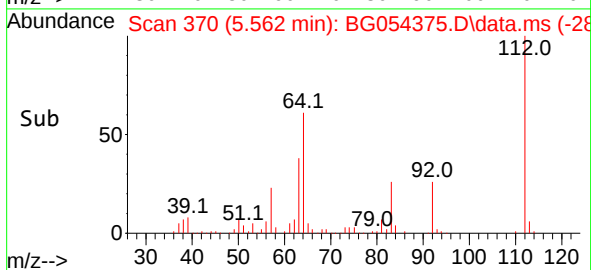
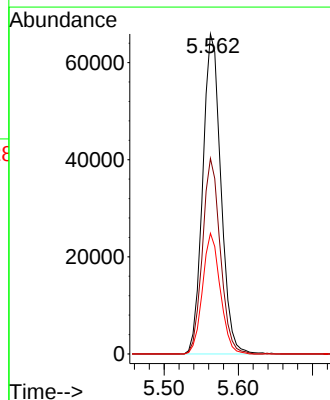
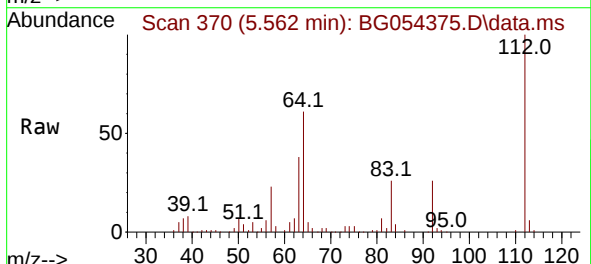
Instrument :
 BNA_G
 ClientSampleId :
 PB146384BL

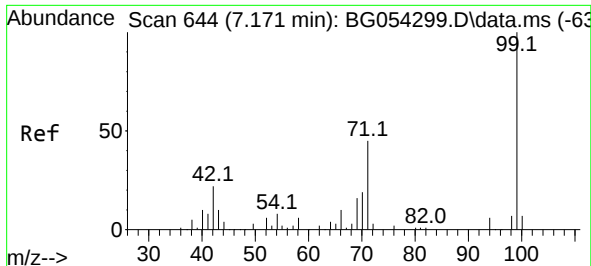
Tgt Ion:152 Resp: 15720
 Ion Ratio Lower Upper
 152 100
 150 160.3 131.6 197.4
 115 60.6 50.9 76.3



#5
 2-Fluorophenol
 Concen: 149.127 ng
 RT: 5.562 min Scan# 370
 Delta R.T. -0.005 min
 Lab File: BG054375.D
 Acq: 25 Jul 2022 11:38

Tgt Ion:112 Resp: 112280
 Ion Ratio Lower Upper
 112 100
 64 61.1 55.1 82.7
 63 37.7 30.4 45.6

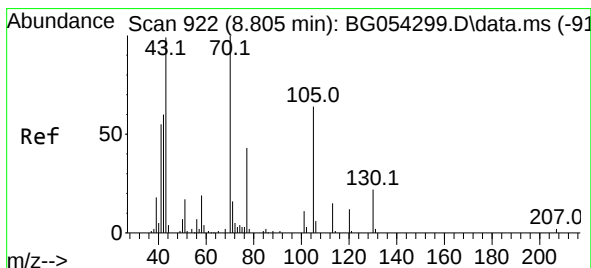
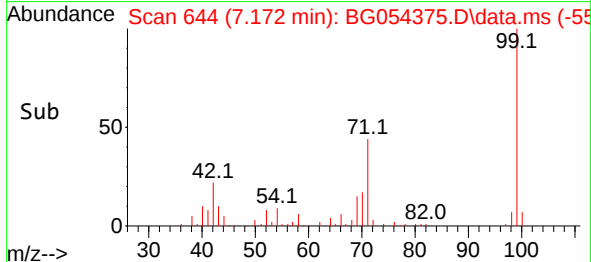
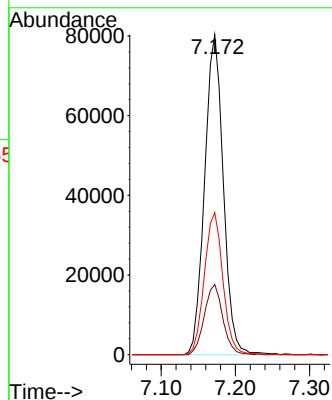
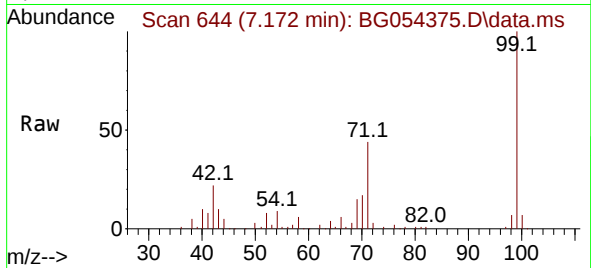




#7
Phenol-d6
Concen: 136.467 ng
RT: 7.172 min Scan# 64
Delta R.T. 0.001 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

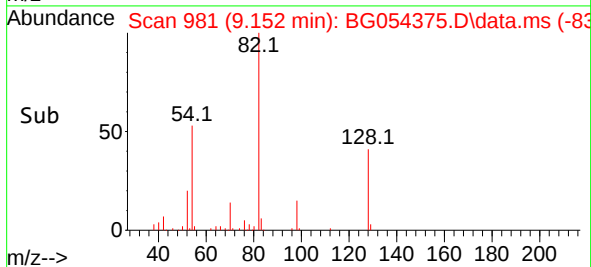
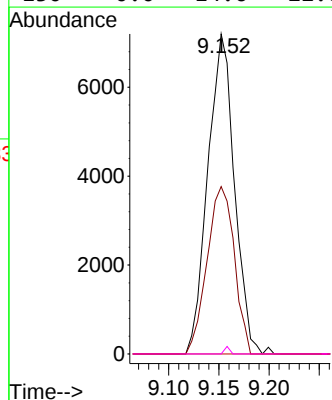
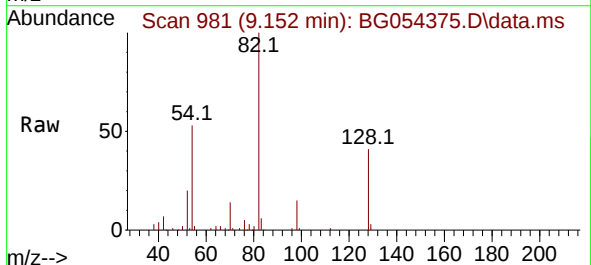
Instrument :
BNA_G
ClientSampleId :
PB146384BL

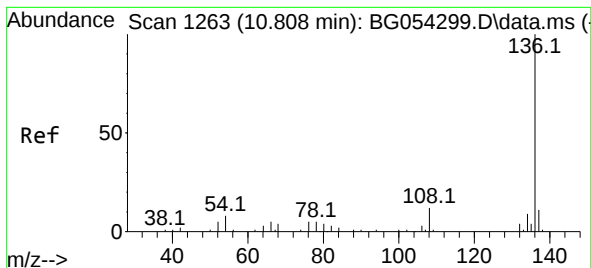
Tgt Ion: 99 Resp: 140790
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 44.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.265 ng
RT: 9.152 min Scan# 981
Delta R.T. 0.347 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

Tgt Ion: 70 Resp: 13272
Ion Ratio Lower Upper
70 100
42 52.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG054375.D

Acq: 25 Jul 2022 11:38

Instrument :

BNA_G

ClientSampleId :

PB146384BL

Tgt Ion:136 Resp: 57470

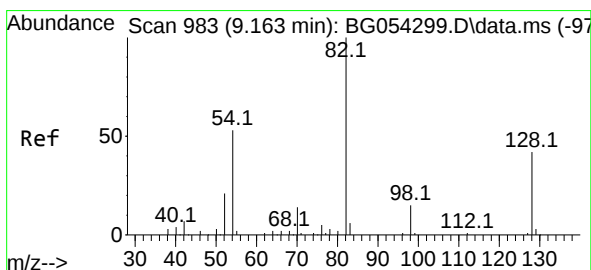
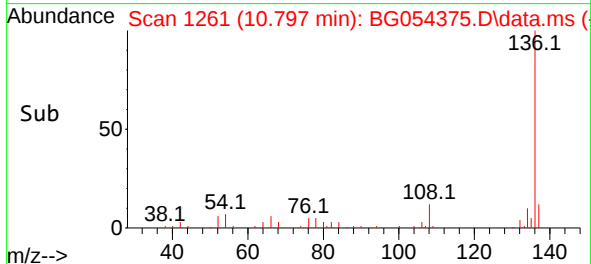
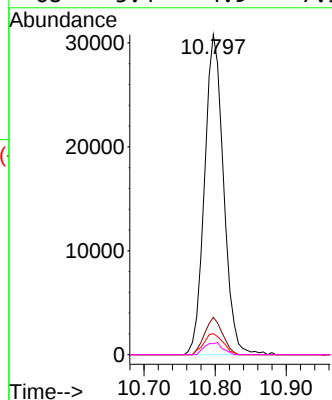
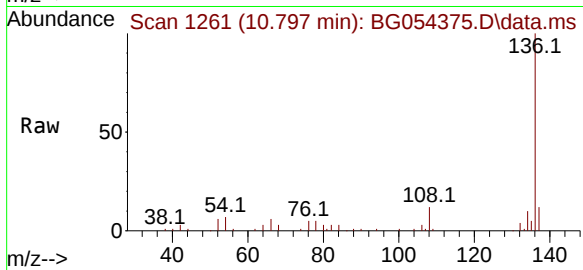
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.6 7.4 11.2#

68 3.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 90.098 ng

RT: 9.152 min Scan# 981

Delta R.T. -0.011 min

Lab File: BG054375.D

Acq: 25 Jul 2022 11:38

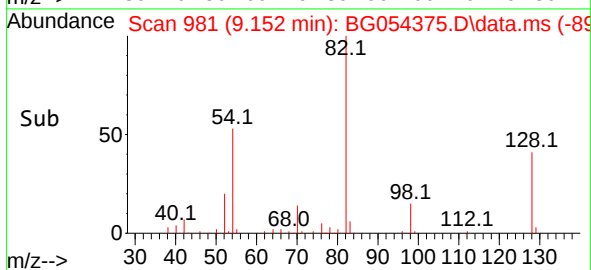
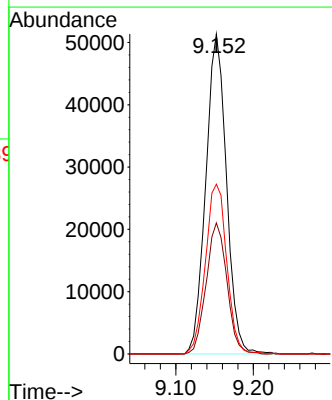
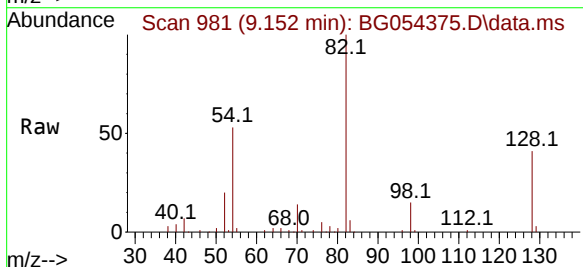
Tgt Ion: 82 Resp: 95083

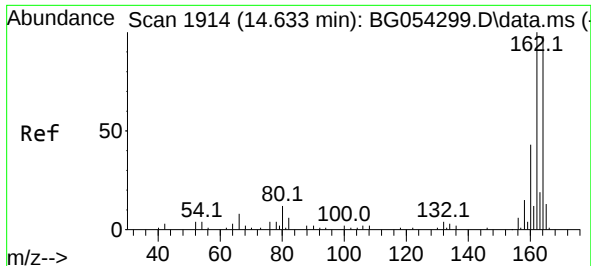
Ion Ratio Lower Upper

82 100

128 40.9 27.9 41.9

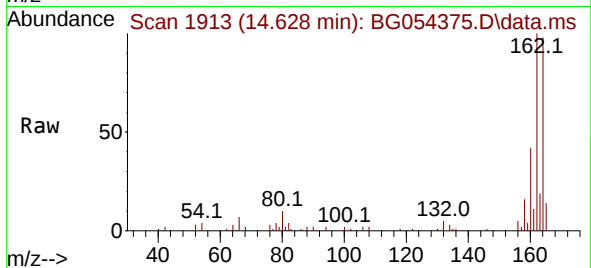
54 53.0 41.2 61.8



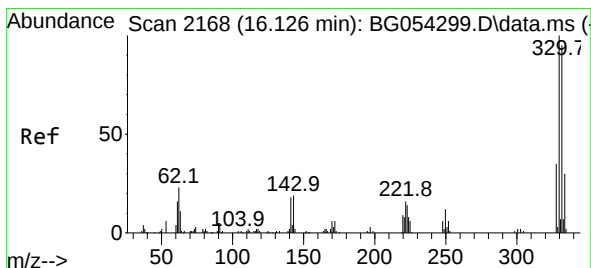
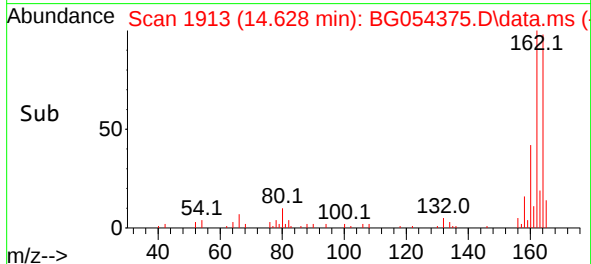
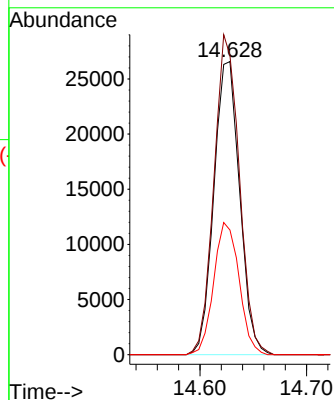


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

Instrument :
BNA_G
ClientSampleId :
PB146384BL

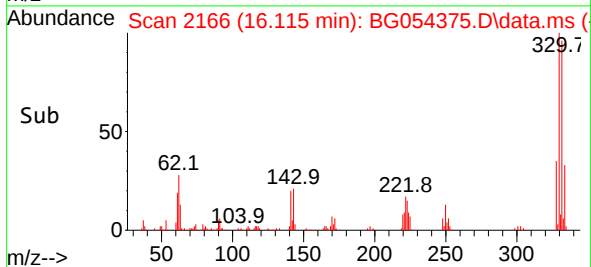
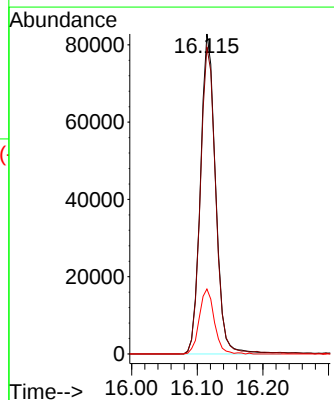
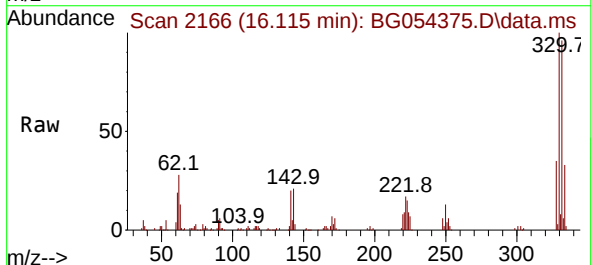


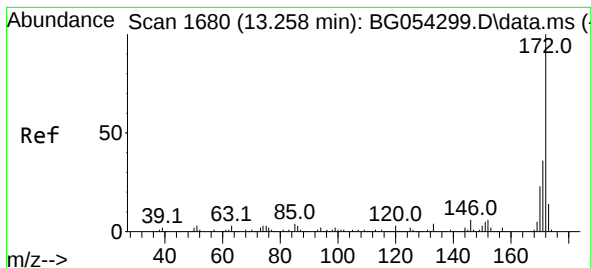
Tgt Ion:164 Resp: 44513
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 42.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 142.678 ng
RT: 16.115 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

Tgt Ion:330 Resp: 133348
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 20.1 27.1 40.7#

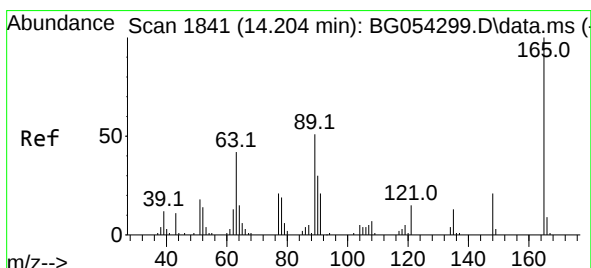
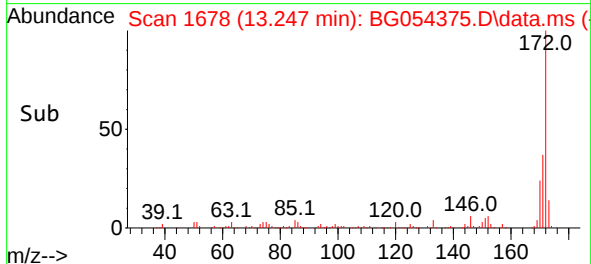
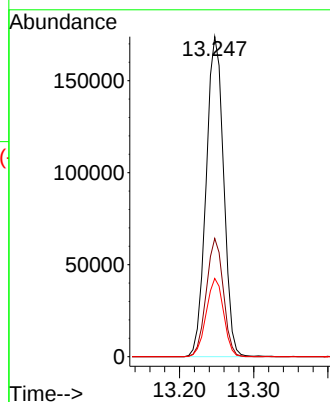
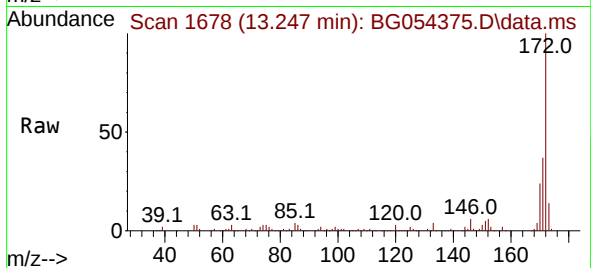




#45
2-Fluorobiphenyl
Concen: 90.365 ng
RT: 13.247 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

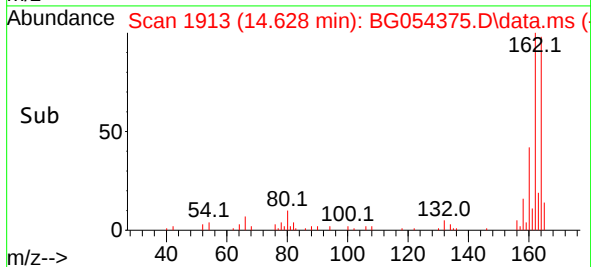
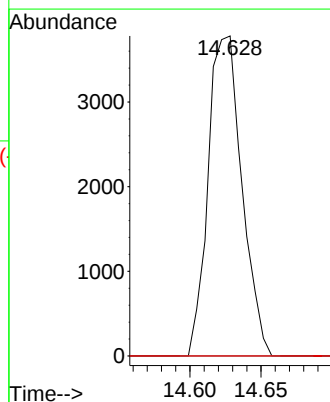
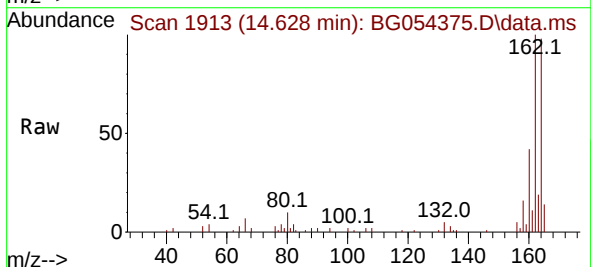
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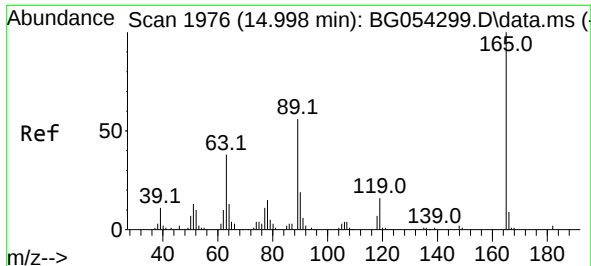
Tgt Ion:172 Resp: 285136
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 14.628 min Scan# 1913
Delta R.T. 0.424 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

Tgt Ion:165 Resp: 6241
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

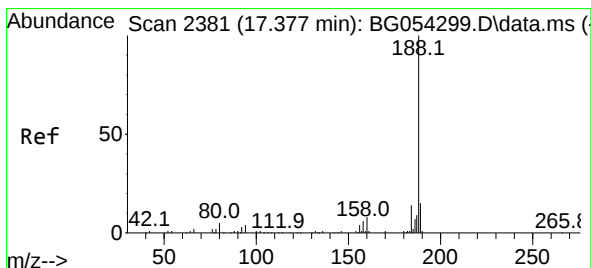
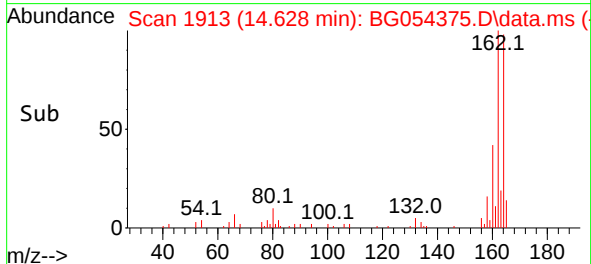
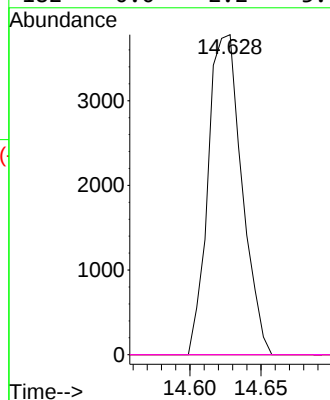
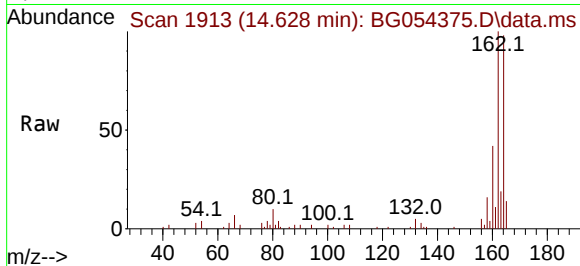




#57
2,4-Dinitrotoluene
Concen: 5.709 ng
RT: 14.628 min Scan# 1976
Delta R.T. -0.369 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

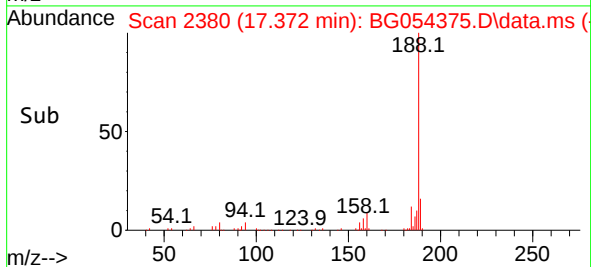
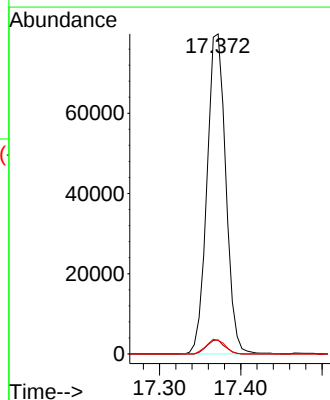
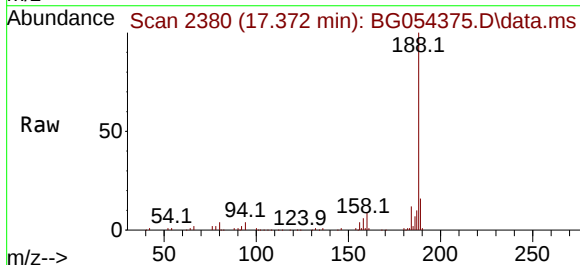
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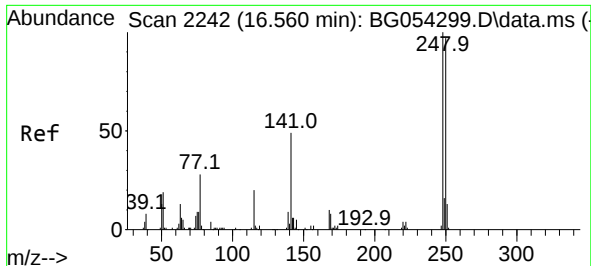
Tgt Ion:165 Resp: 6241
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2380
Delta R.T. -0.005 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

Tgt Ion:188 Resp: 128033
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.7 6.8 10.2#

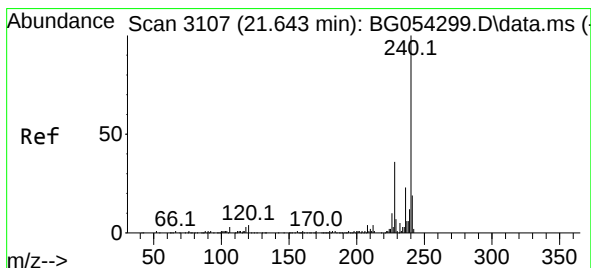
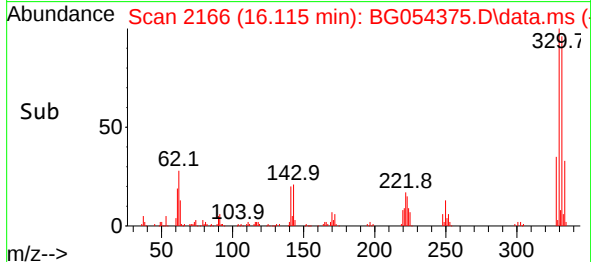
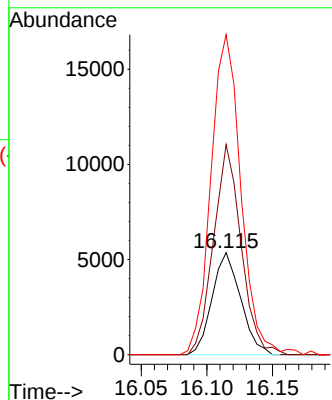
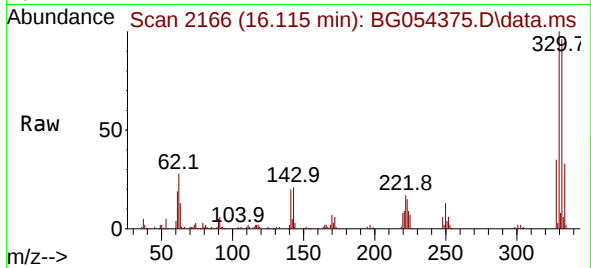




#67
4-Bromophenyl-phenylether
Concen: 4.514 ng
RT: 16.115 min Scan# 2166
Delta R.T. -0.446 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

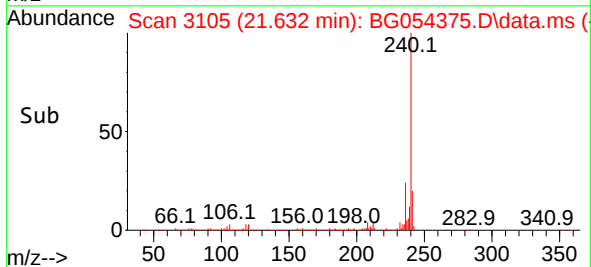
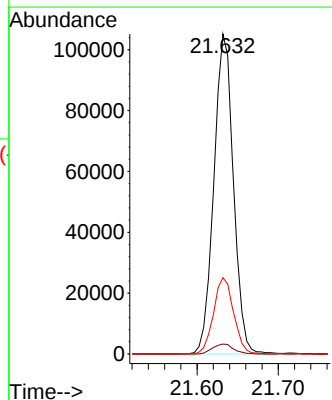
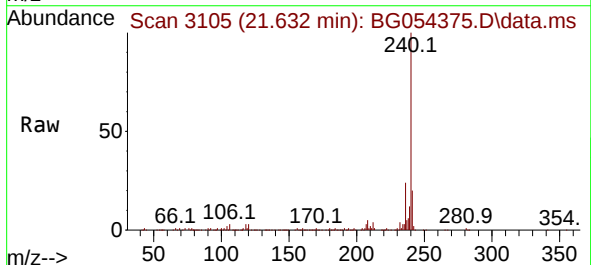
Instrument :
BNA_G
ClientSampleId :
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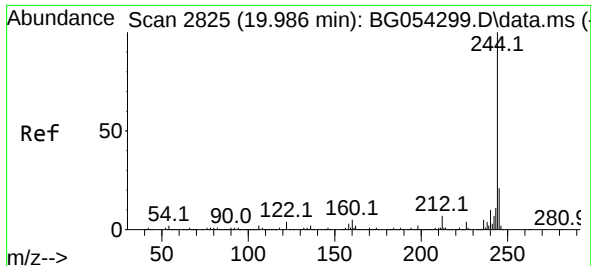
Tgt Ion:248 Resp: 8117
Ion Ratio Lower Upper
248 100
250 205.7 75.2 112.8#
141 313.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.632 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BG054375.D
Acq: 25 Jul 2022 11:38

Tgt Ion:240 Resp: 175724
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 23.8 20.2 30.4

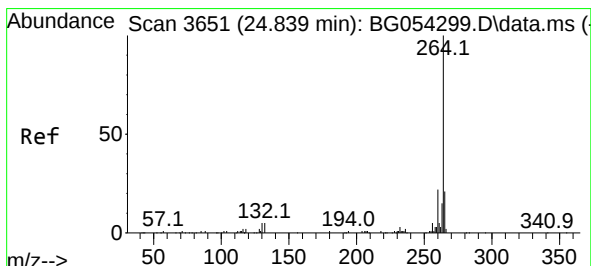
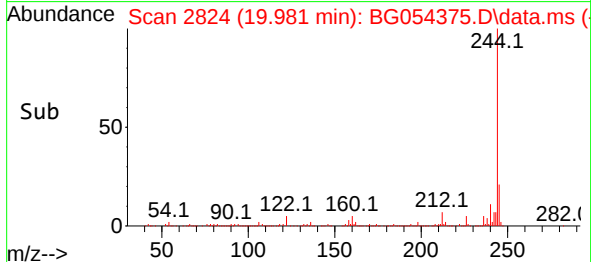
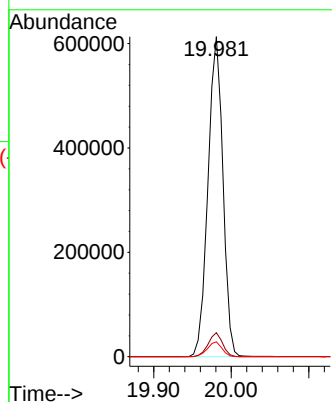
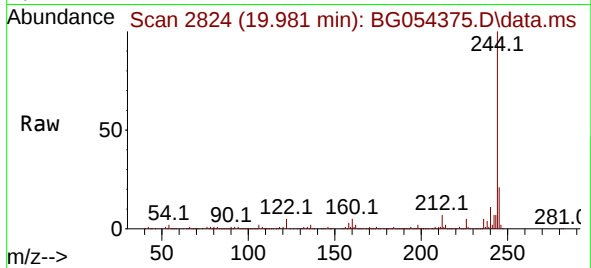




#79
 Terphenyl-d14
 Concen: 92.563 ng
 RT: 19.981 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054375.D
 Acq: 25 Jul 2022 11:38

Instrument :
 BNA_G
 ClientSampleId :
 PB146384BL

Tgt Ion:244 Resp: 819914
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.828 min Scan# 3649
 Delta R.T. -0.011 min
 Lab File: BG054375.D
 Acq: 25 Jul 2022 11:38

Tgt Ion:264 Resp: 182528
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 20.9 17.4 26.2

