

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054478.D
 Acq On : 2 Aug 2022 11:16
 Operator : CG/JU
 Sample : PB146605BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146605BL

Quant Time: Aug 03 04:13:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

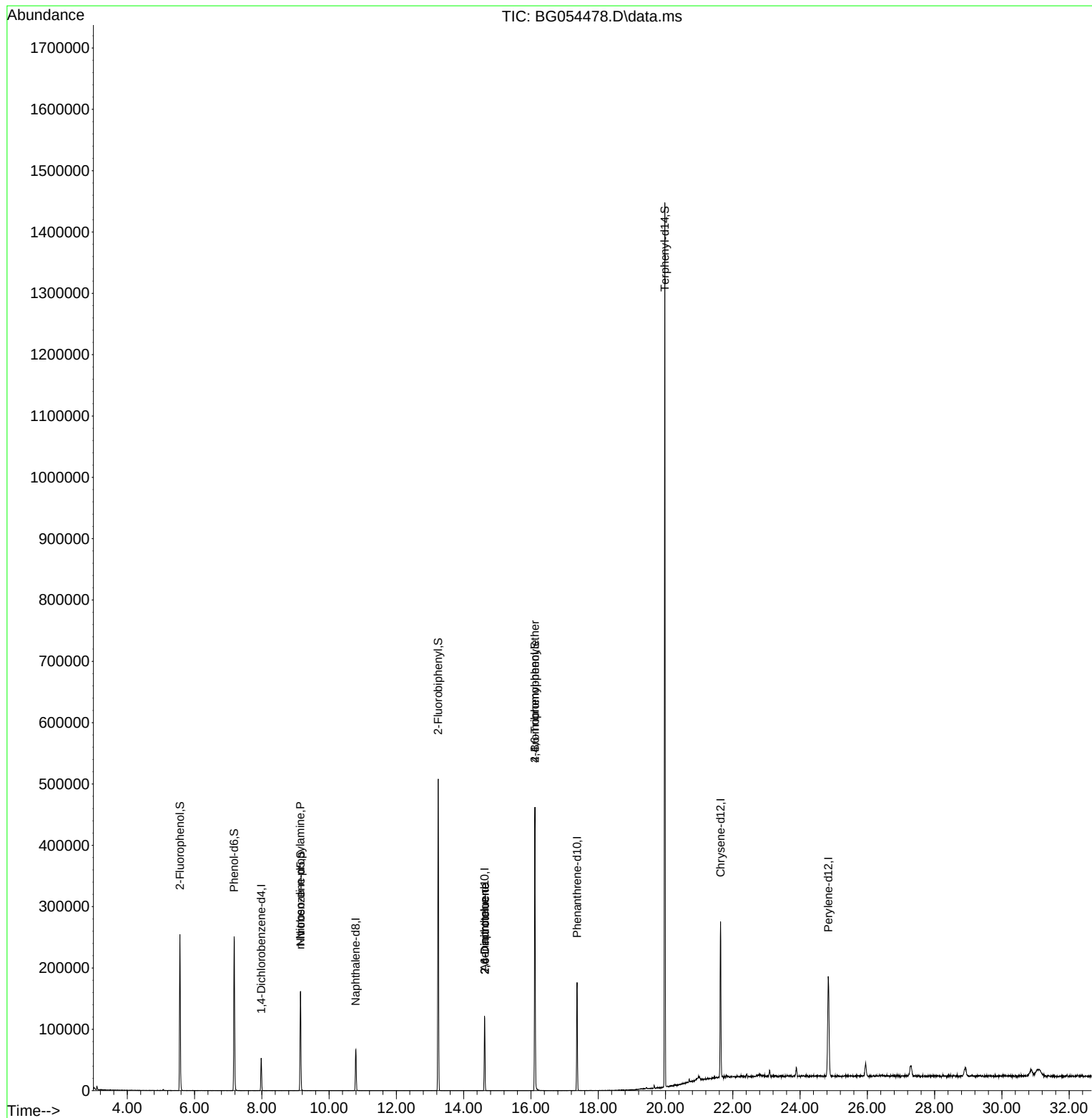
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	16804	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	64577	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	49415	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	137449	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	181661	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	181474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	114550	142.327	ng	0.00
7) Phenol-d6	7.177	99	145632	132.054	ng	0.00
23) Nitrobenzene-d5	9.151	82	101245	85.379	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	125125	120.599	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	303961	86.774	ng	0.00
79) Terphenyl-d14	19.979	244	809144	88.361	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.171	77	148	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.145	70	14267	19.373	ng	# 78
51) 2,6-Dinitrotoluene	14.627	165	6753	7.977	ng	# 16
57) 2,4-Dinitrotoluene	14.627	165	6753	5.564	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	7425	3.846	ng	# 1

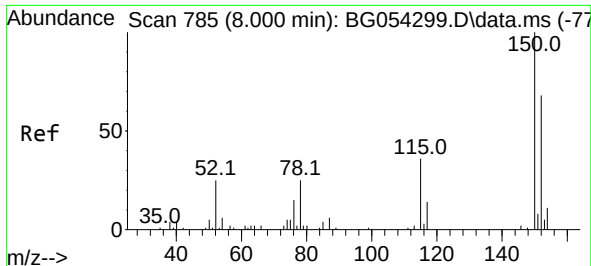
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
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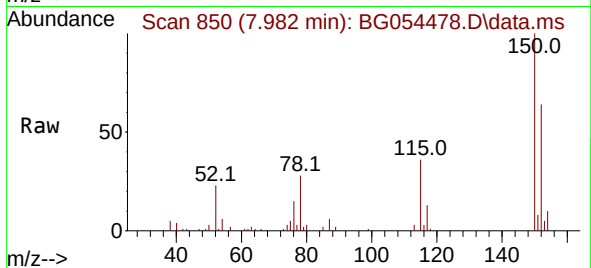
Quant Time: Aug 03 04:13:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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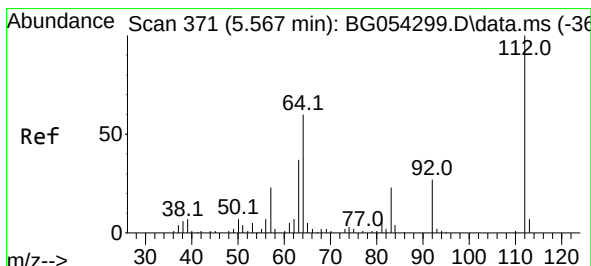
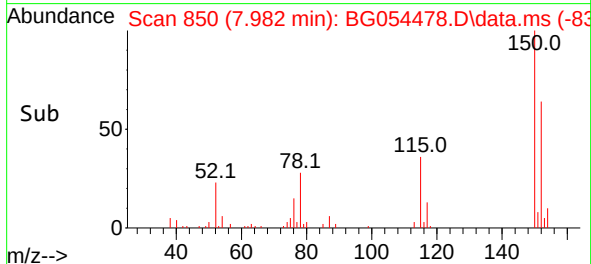
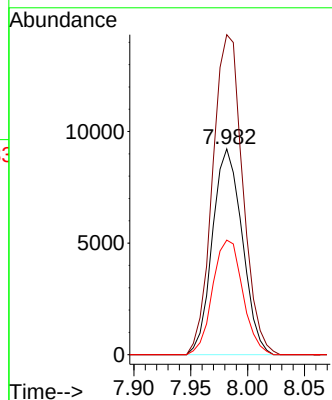


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

Instrument :
BNA_G
ClientSampleId :
PB146605BL

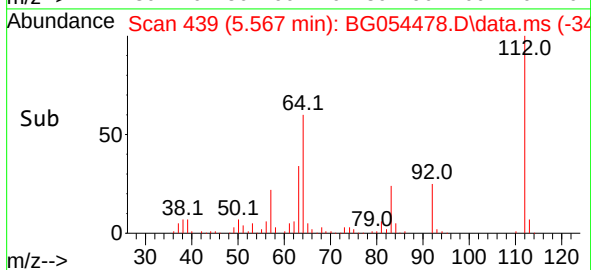
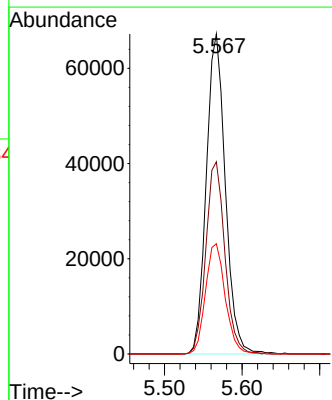
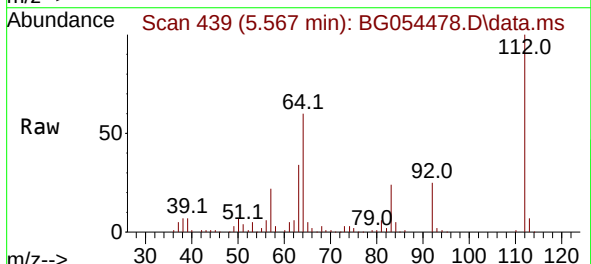


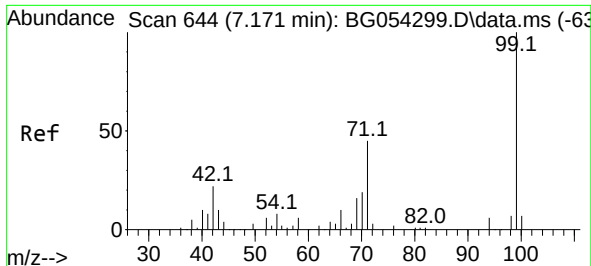
Tgt Ion:152 Resp: 16804
Ion Ratio Lower Upper
152 100
150 155.5 131.6 197.4
115 55.7 50.9 76.3



#5
2-Fluorophenol
Concen: 142.327 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

Tgt Ion:112 Resp: 114550
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 34.5 30.4 45.6

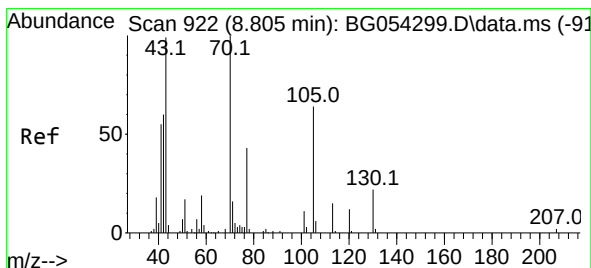
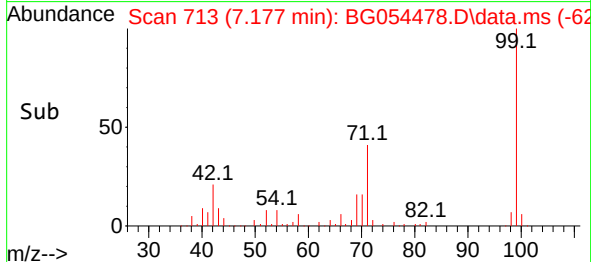
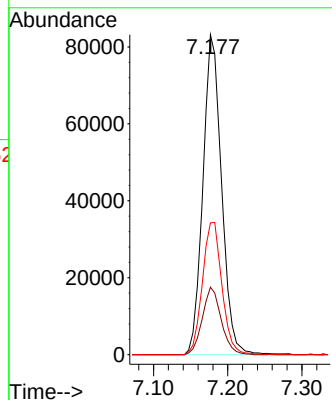
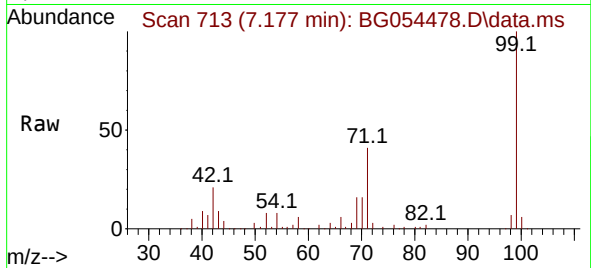




#7
Phenol-d6
Concen: 132.054 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

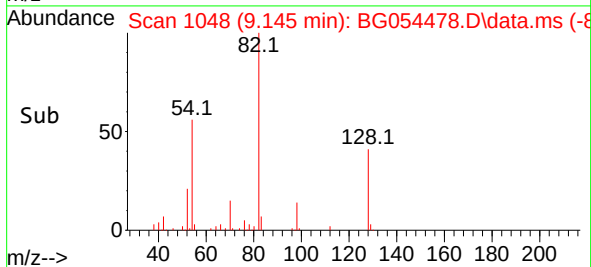
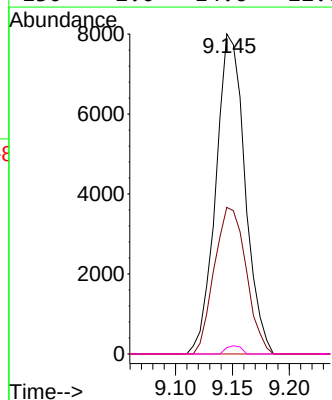
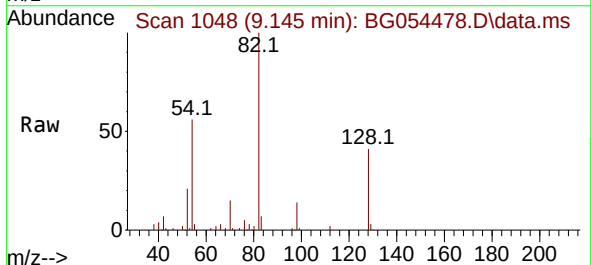
Instrument :
BNA_G
ClientSampleId :
PB146605BL

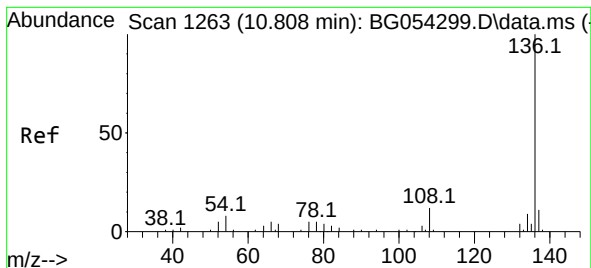
Tgt Ion: 99 Resp: 145632
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 41.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.373 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

Tgt Ion: 70 Resp: 14267
Ion Ratio Lower Upper
70 100
42 45.8 47.3 70.9#
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.790 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG054478.D

Acq: 2 Aug 2022 11:16

Instrument :

BNA_G

ClientSampleId :

PB146605BL

Tgt Ion:136 Resp: 64577

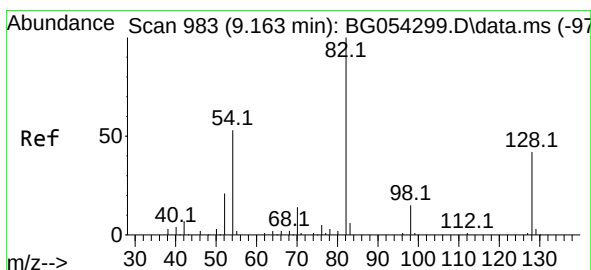
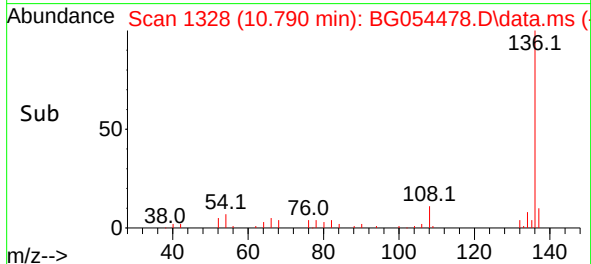
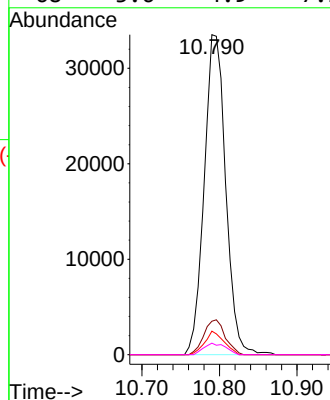
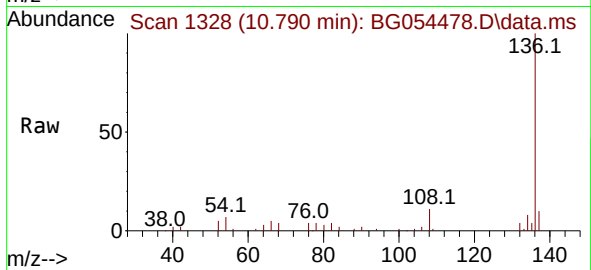
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.4 7.4 11.2#

68 3.6 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 85.379 ng

RT: 9.151 min Scan# 1049

Delta R.T. -0.001 min

Lab File: BG054478.D

Acq: 2 Aug 2022 11:16

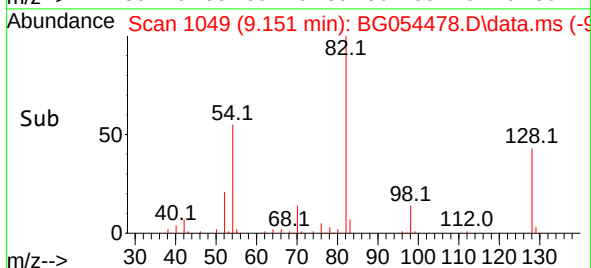
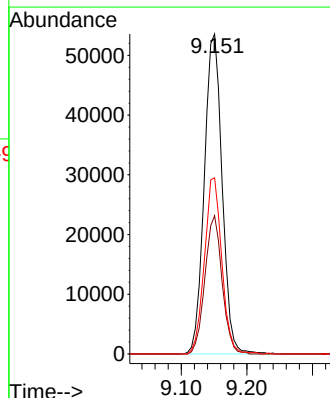
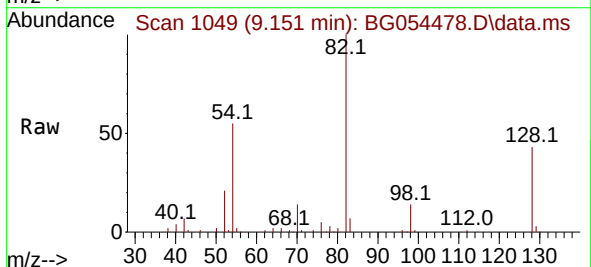
Tgt Ion: 82 Resp: 101245

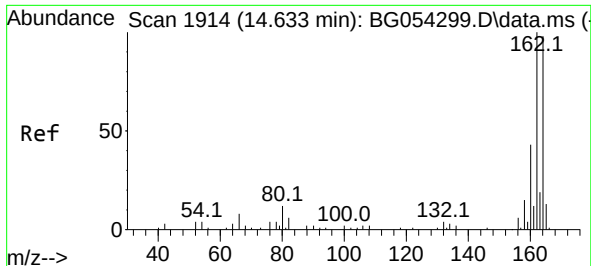
Ion Ratio Lower Upper

82 100

128 43.2 27.9 41.9#

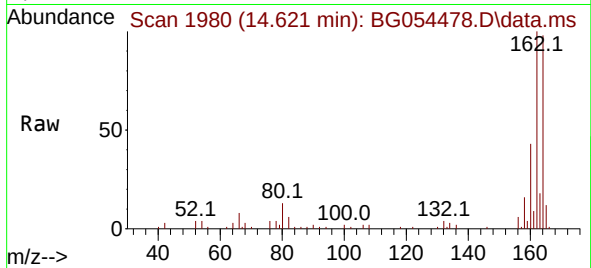
54 55.1 41.2 61.8



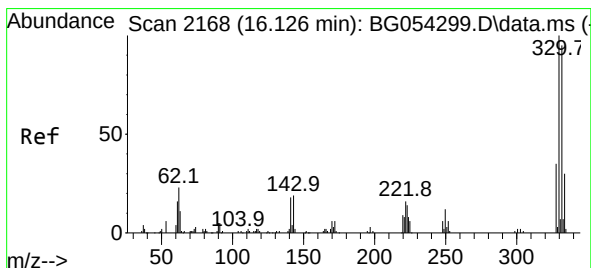
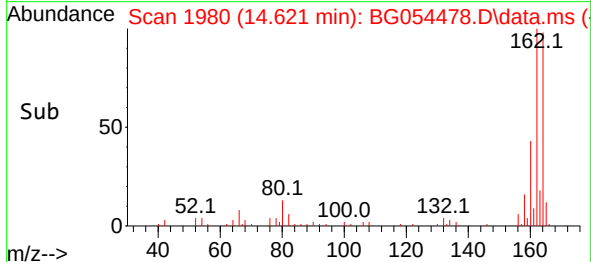
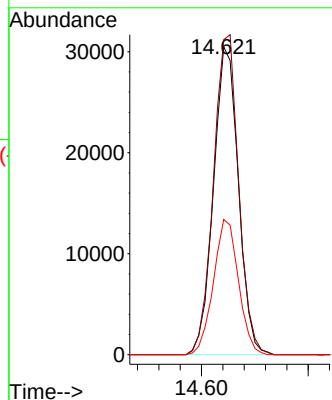


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.621 min Scan# 1914
 Delta R.T. -0.001 min
 Lab File: BG054478.D
 Acq: 2 Aug 2022 11:16

Instrument :
 BNA_G
 ClientSampleId :
 PB146605BL

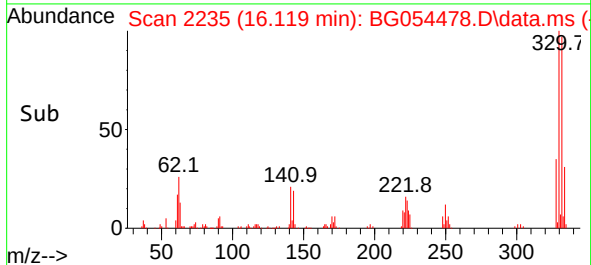
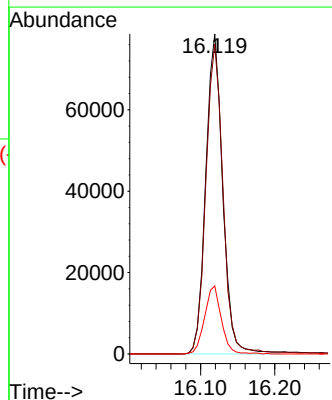
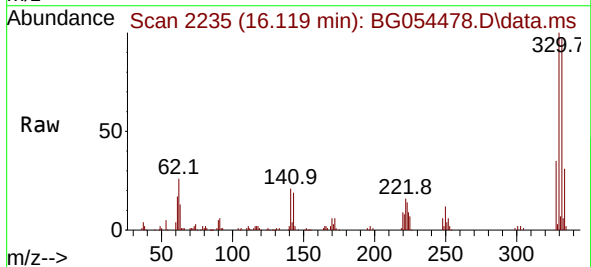


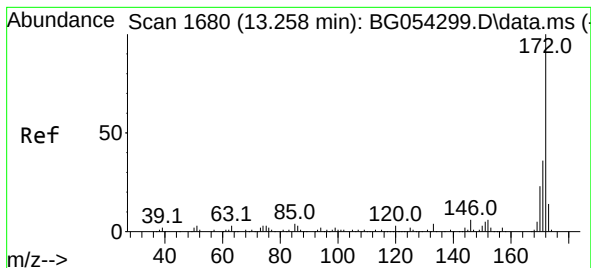
Tgt Ion:164 Resp: 49415
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.3 123.5
 160 43.9 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 120.599 ng
 RT: 16.119 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: BG054478.D
 Acq: 2 Aug 2022 11:16

Tgt Ion:330 Resp: 125125
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.0 114.0
 141 21.0 27.1 40.7#

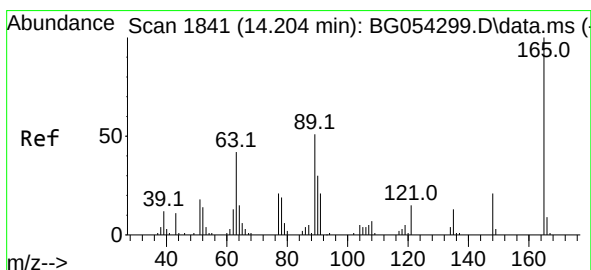
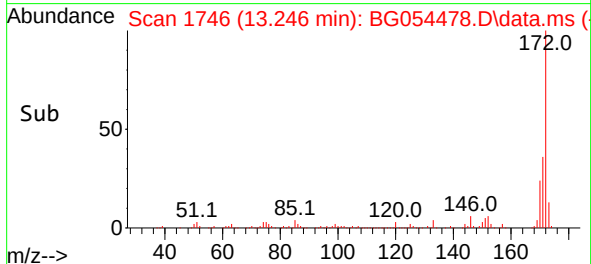
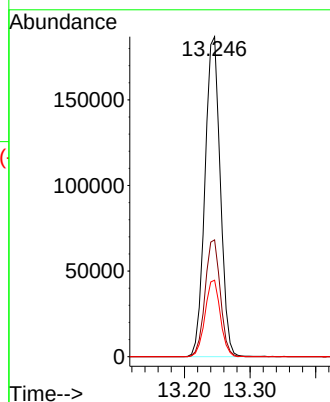
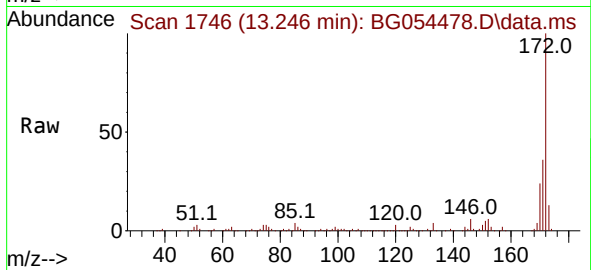




#45
2-Fluorobiphenyl
Concen: 86.774 ng
RT: 13.246 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

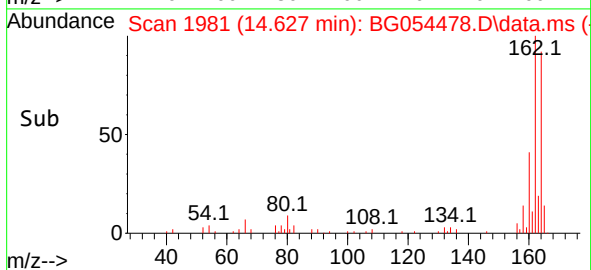
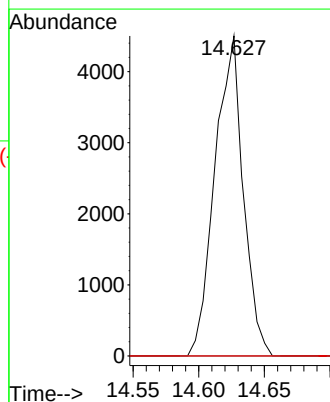
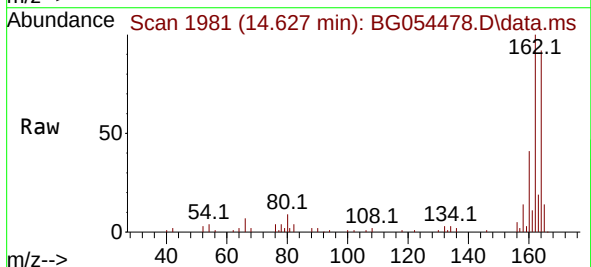
Instrument :
BNA_G
ClientSampleId :
PB146605BL

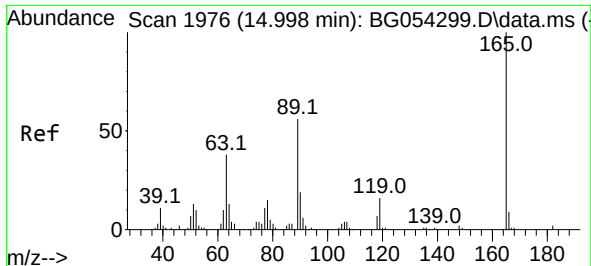
Tgt Ion:172 Resp: 303961
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.977 ng
RT: 14.627 min Scan# 1981
Delta R.T. 0.428 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

Tgt Ion:165 Resp: 6753
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: 5.564 ng

RT: 14.627 min Scan# 1976

Delta R.T. -0.365 min

Lab File: BG054478.D

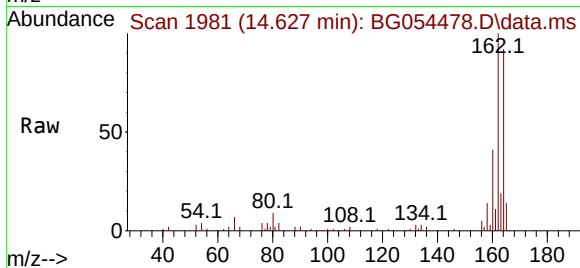
Acq: 2 Aug 2022 11:16

Instrument :

BNA_G

ClientSampleId :

PB146605BL



Tgt Ion:165 Resp: 6753

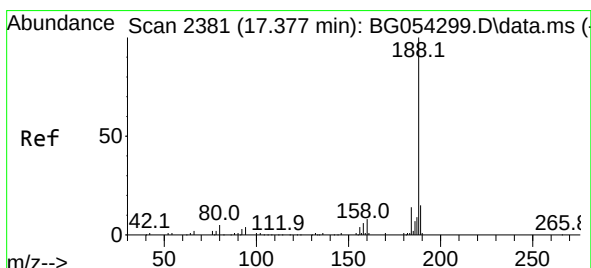
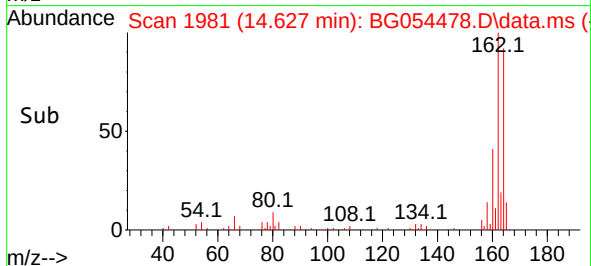
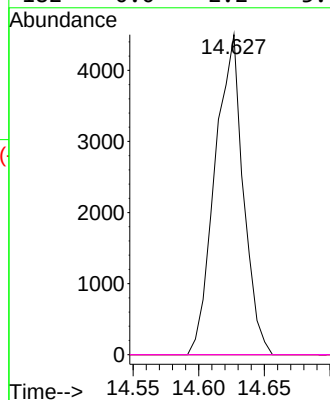
Ion Ratio Lower Upper

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: 17.371 min Scan# 2448

Delta R.T. -0.001 min

Lab File: BG054478.D

Acq: 2 Aug 2022 11:16

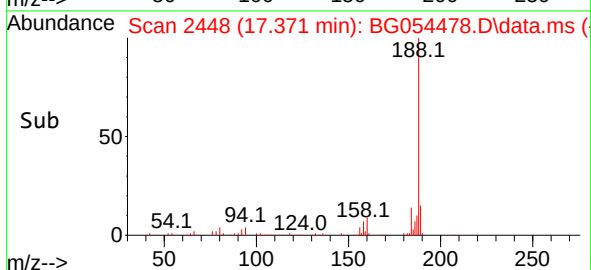
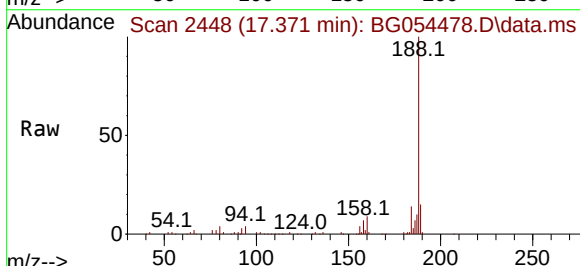
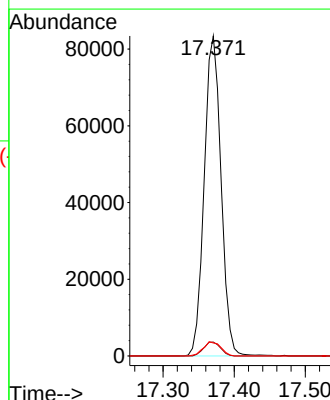
Tgt Ion:188 Resp: 137449

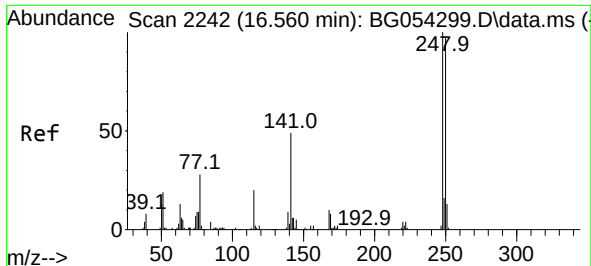
Ion Ratio Lower Upper

188 100

94 4.3 5.4 8.0#

80 4.0 6.8 10.2#

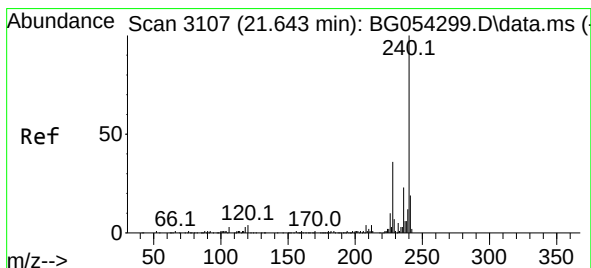
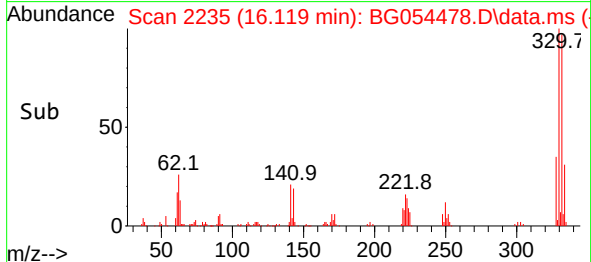
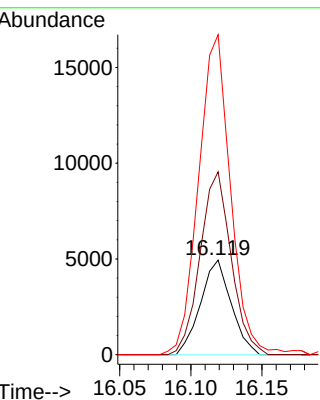
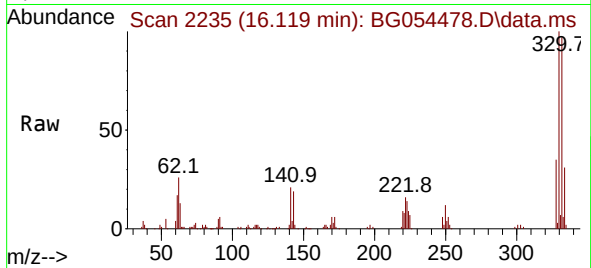




#67
4-Bromophenyl-phenylether
Concen: 3.846 ng
RT: 16.119 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

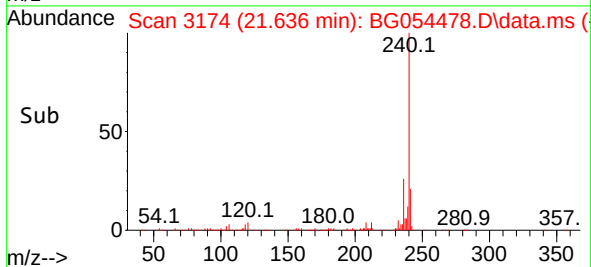
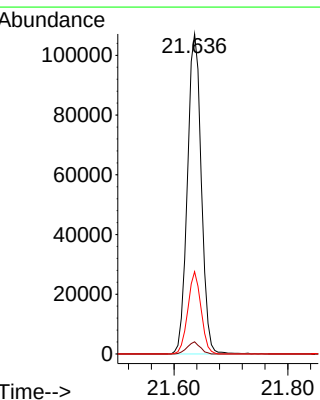
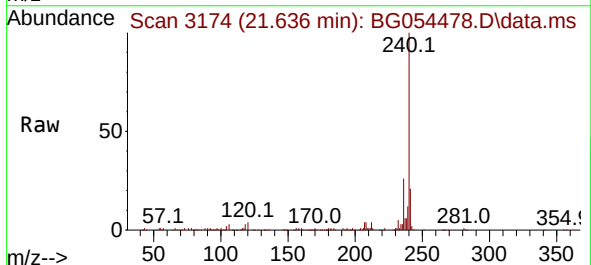
Instrument :
BNA_G
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PB146605BL

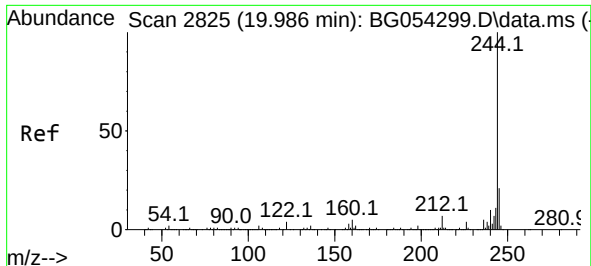
Tgt Ion:248 Resp: 7425
Ion Ratio Lower Upper
248 100
250 193.4 75.2 112.8#
141 338.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.001 min
Lab File: BG054478.D
Acq: 2 Aug 2022 11:16

Tgt Ion:240 Resp: 181661
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 25.7 20.2 30.4

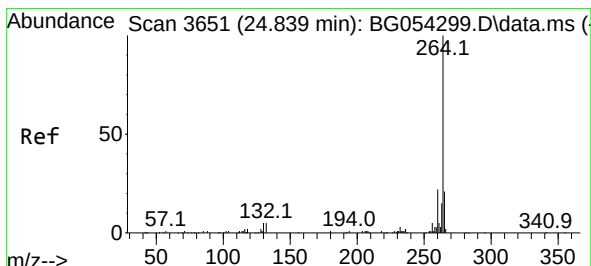
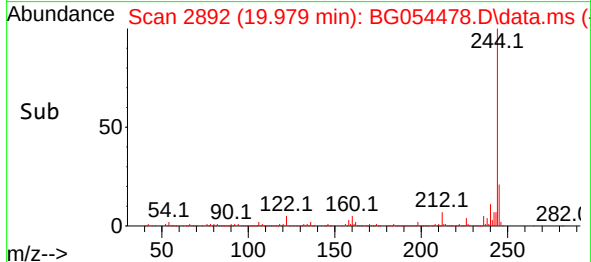
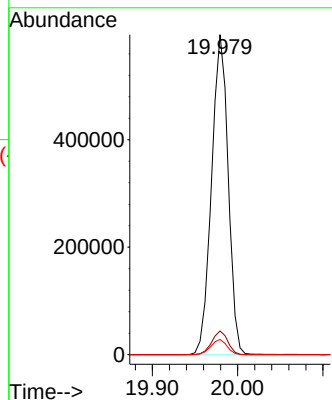
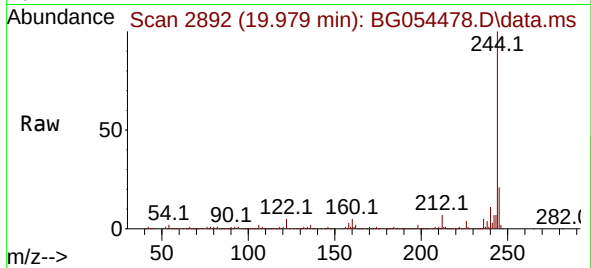




#79
 Terphenyl-d14
 Concen: 88.361 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054478.D
 Acq: 2 Aug 2022 11:16

Instrument :
 BNA_G
 ClientSampleId :
 PB146605BL

Tgt Ion:244 Resp: 809144
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.005 min
 Lab File: BG054478.D
 Acq: 2 Aug 2022 11:16

Tgt Ion:264 Resp: 181474
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.9 17.4 26.2

