

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055364.D
 Acq On : 29 Oct 2022 14:01
 Operator : CG/JU
 Sample : N5272-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221110-COMP-09

Quant Time: Oct 31 02:43:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

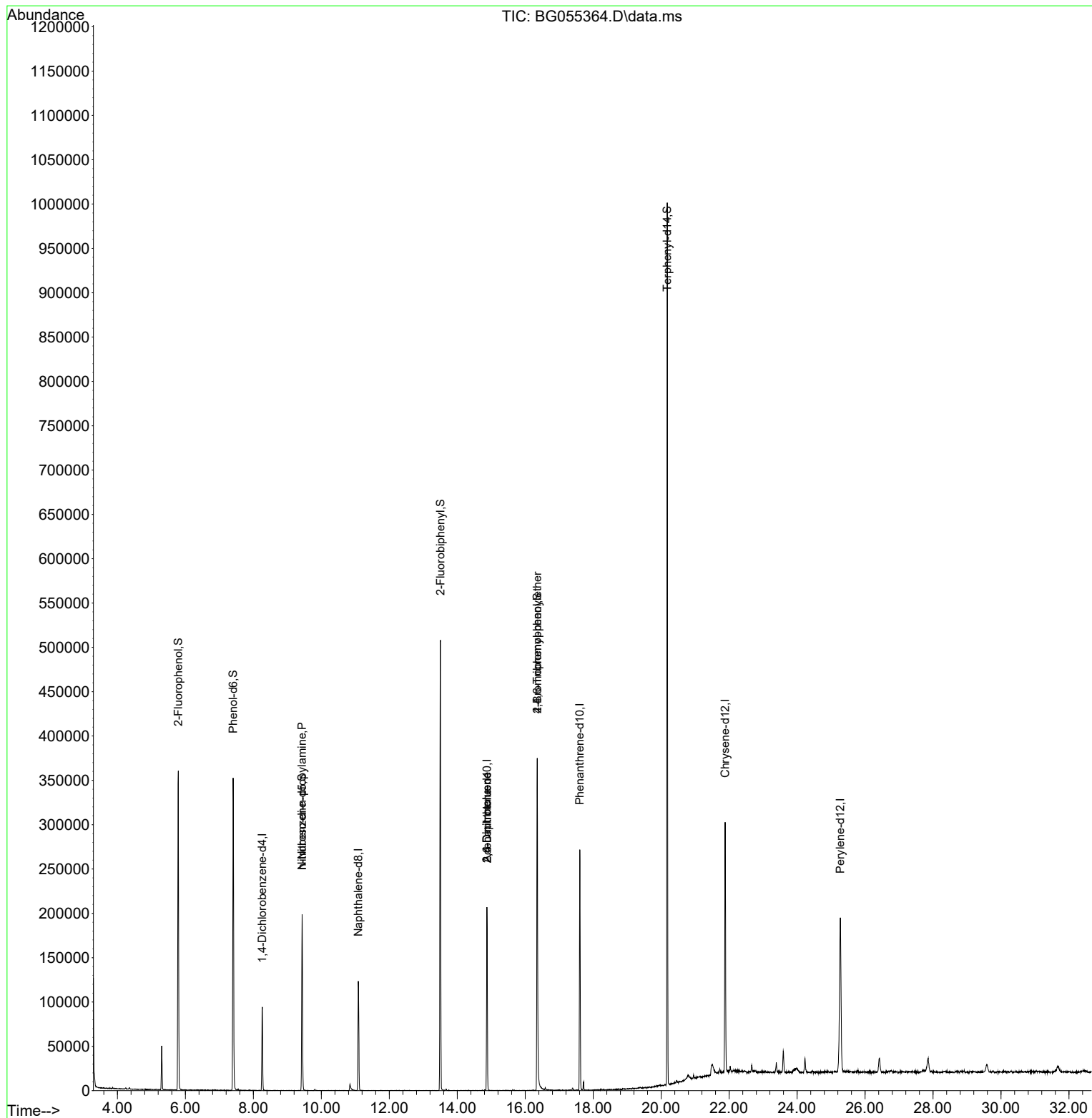
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	28005	20.000	ng	0.00
21) Naphthalene-d8	11.089	136	113740	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	75039	20.000	ng	0.00
64) Phenanthrene-d10	17.605	188	179861	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	184636	20.000	ng	0.00
86) Perylene-d12	25.273	264	197437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	171882	107.467	ng	0.00
7) Phenol-d6	7.405	99	220862	95.316	ng	0.00
23) Nitrobenzene-d5	9.432	82	126740	56.900	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	95271	116.791	ng	0.00
45) 2-Fluorobiphenyl	13.504	172	279397	60.942	ng	0.00
79) Terphenyl-d14	20.179	244	498474	56.093	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.432	70	16967	8.818	ng	# 81
51) 2,6-Dinitrotoluene	14.873	165	9571	7.983	ng	# 19
57) 2,4-Dinitrotoluene	14.873	165	9571	5.501	ng	# 18
67) 4-Bromophenyl-phenylether	16.354	248	5643	3.229	ng	# 1

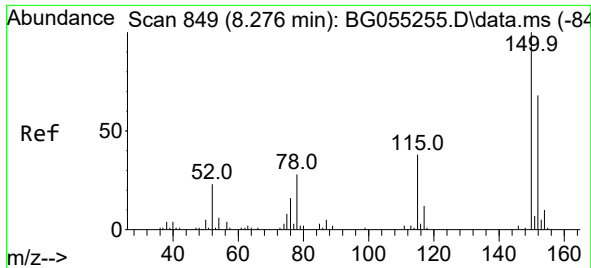
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 31 02:43:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
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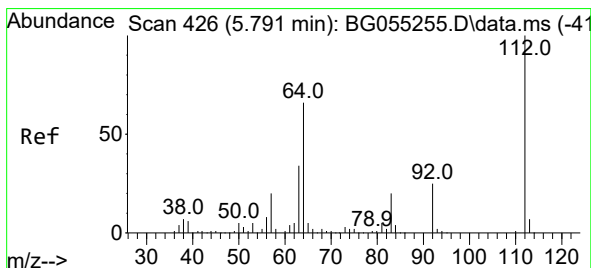
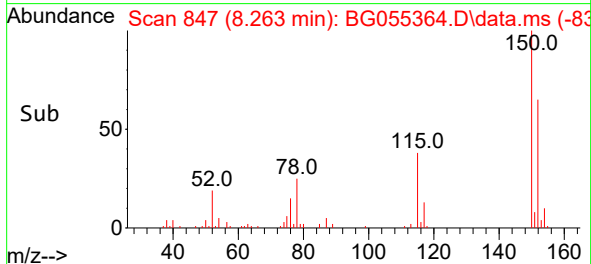
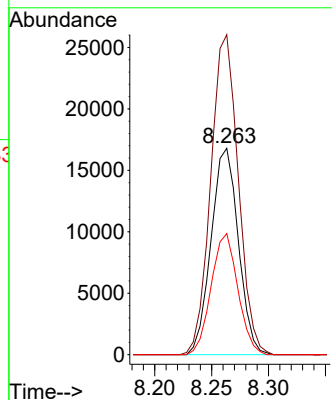
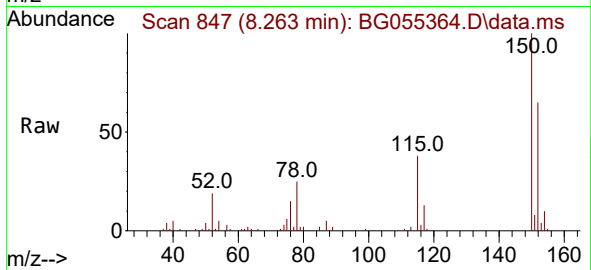




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.263 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

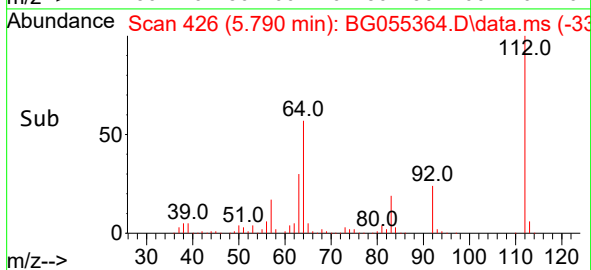
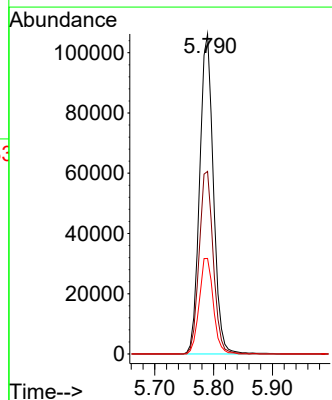
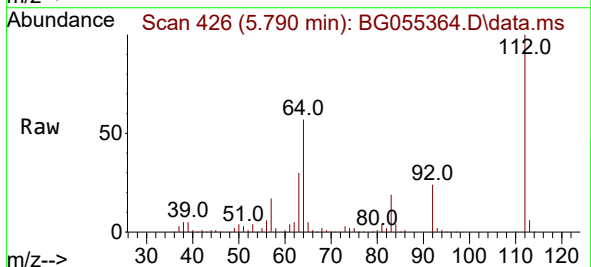
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

Tgt Ion:152 Resp: 28005
Ion Ratio Lower Upper
152 100
150 155.0 118.2 177.4
115 58.7 44.5 66.7



#5
2-Fluorophenol
Concen: 107.467 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.004 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

Tgt Ion:112 Resp: 171882
Ion Ratio Lower Upper
112 100
64 57.0 52.6 78.8
63 29.9 27.1 40.7

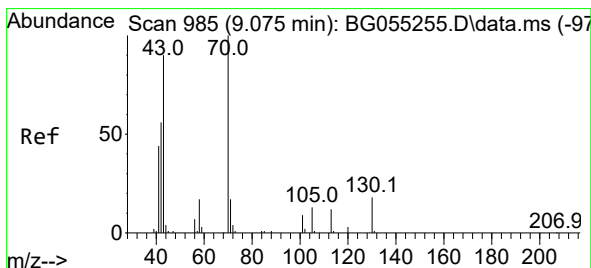
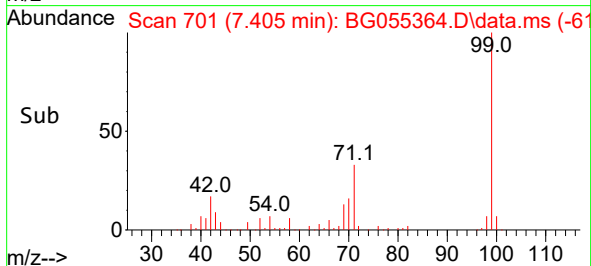
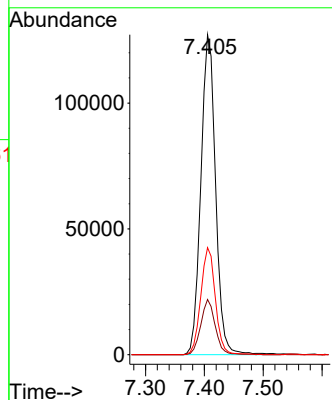
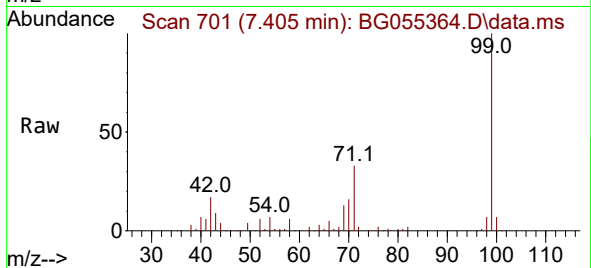




#7
Phenol-d6
Concen: 95.316 ng
RT: 7.405 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

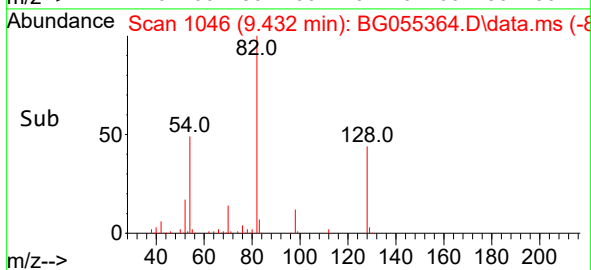
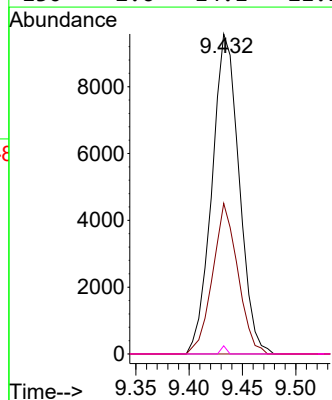
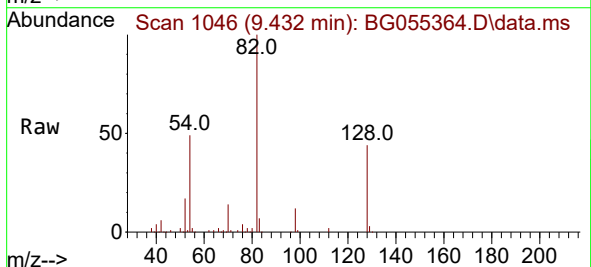
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

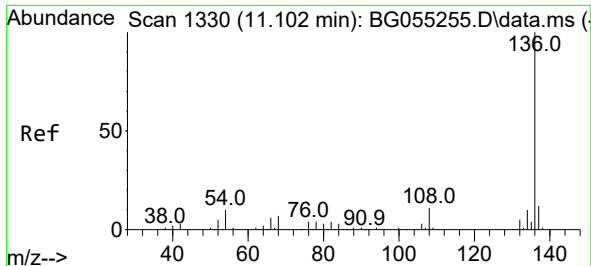
Tgt Ion: 99 Resp: 220862
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 33.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.818 ng
RT: 9.432 min Scan# 1046
Delta R.T. 0.363 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

Tgt Ion: 70 Resp: 16967
Ion Ratio Lower Upper
70 100
42 47.1 45.8 68.6
101 0.0 7.4 11.0#
130 2.6 14.1 21.1#

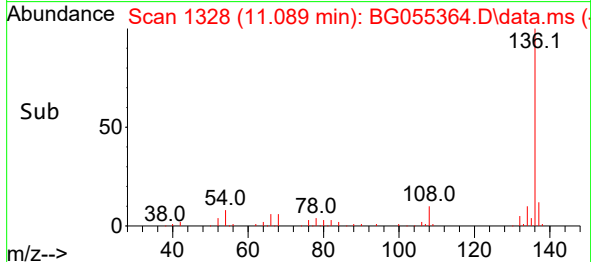
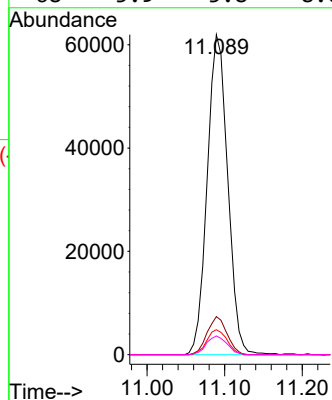
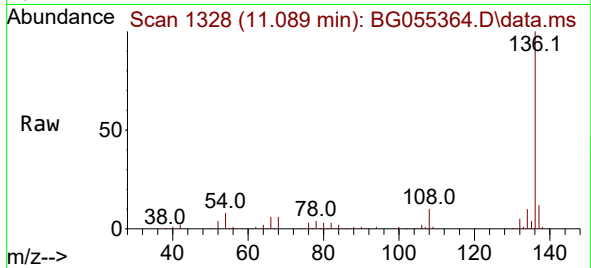




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.089 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

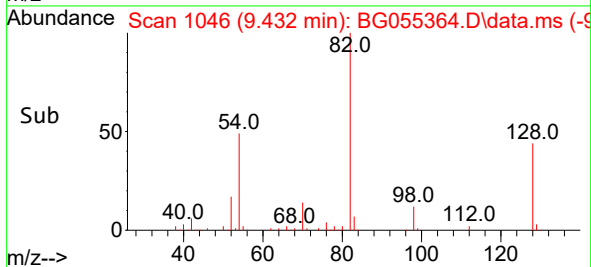
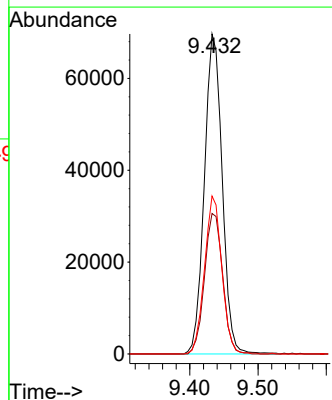
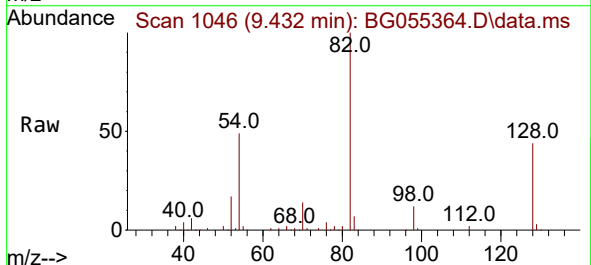
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

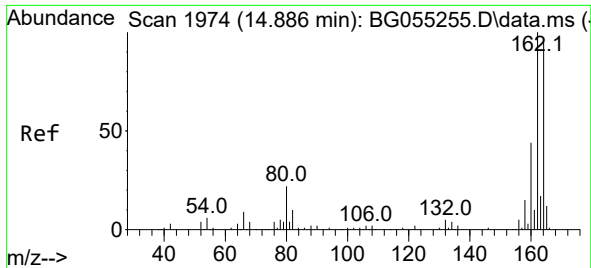
Tgt Ion:136 Resp: 113740
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 7.8 7.8 11.8#
68 5.9 5.8 8.6



#23
Nitrobenzene-d5
Concen: 56.900 ng
RT: 9.432 min Scan# 1046
Delta R.T. -0.007 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

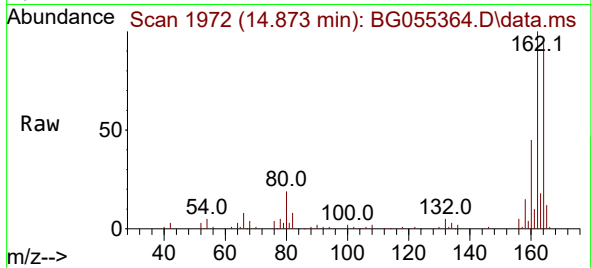
Tgt Ion: 82 Resp: 126740
Ion Ratio Lower Upper
82 100
128 43.9 32.0 48.0
54 49.3 40.9 61.3



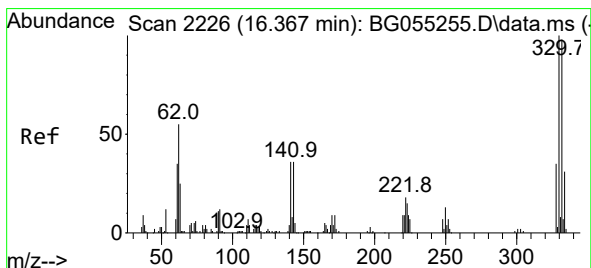
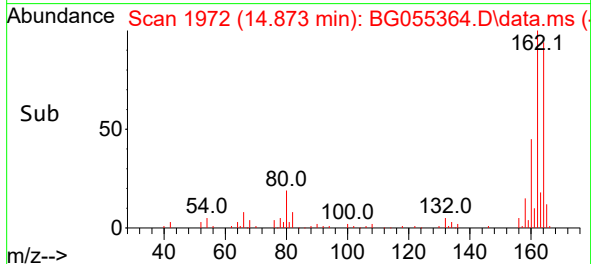
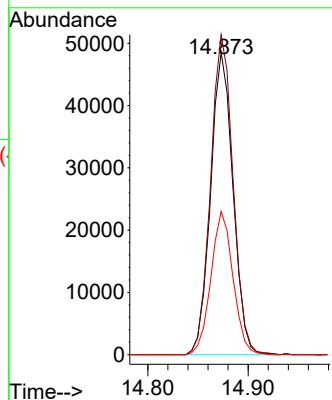


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

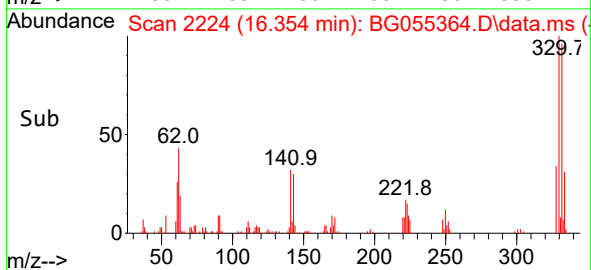
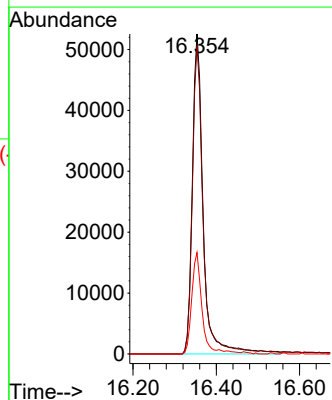
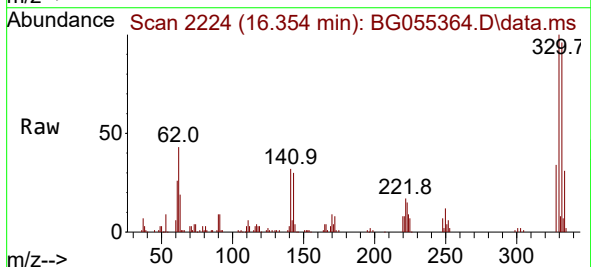


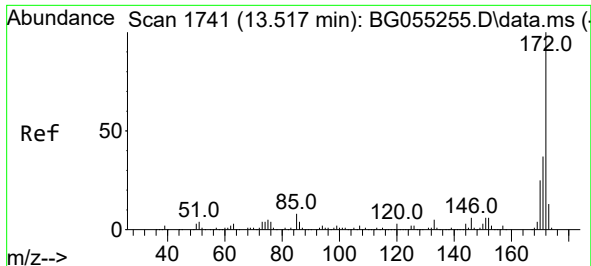
Tgt Ion:164 Resp: 75039
Ion Ratio Lower Upper
164 100
162 105.9 84.0 126.0
160 47.4 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 116.791 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.008 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

Tgt Ion:330 Resp: 95271
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.0
141 30.1 29.8 44.8

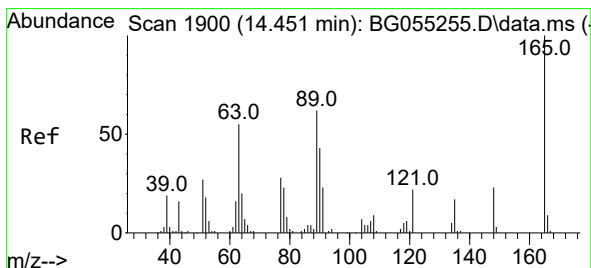
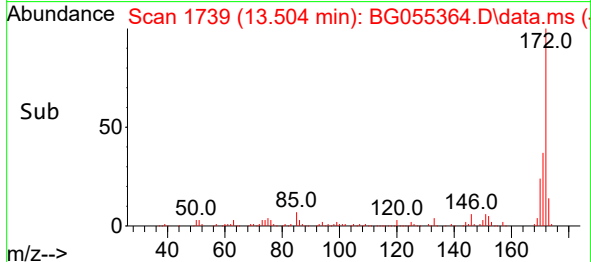
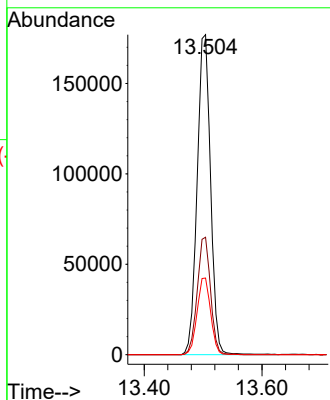
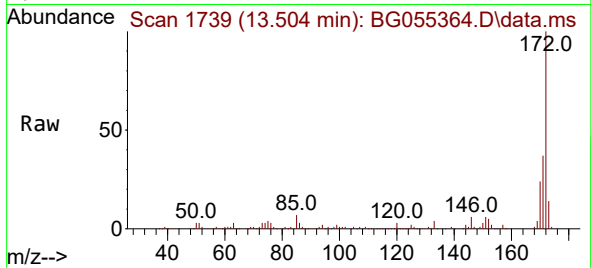




#45
2-Fluorobiphenyl
Concen: 60.942 ng
RT: 13.504 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

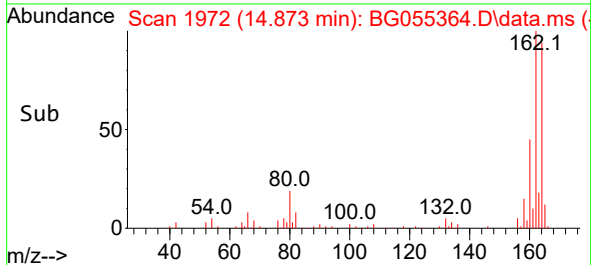
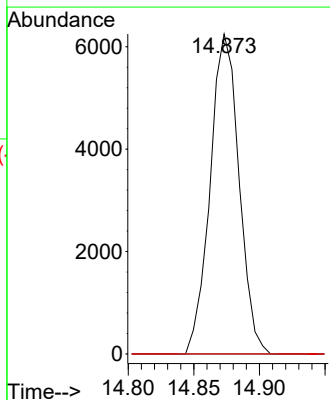
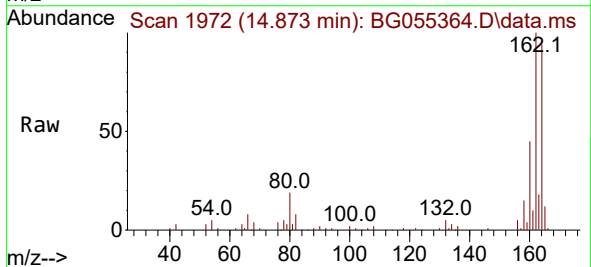
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

Tgt Ion:172 Resp: 279397
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.983 ng
RT: 14.873 min Scan# 1972
Delta R.T. 0.421 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

Tgt Ion:165 Resp: 9571
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.501 ng

RT: 14.873 min Scan# 1972

Delta R.T. -0.360 min

Lab File: BG055364.D

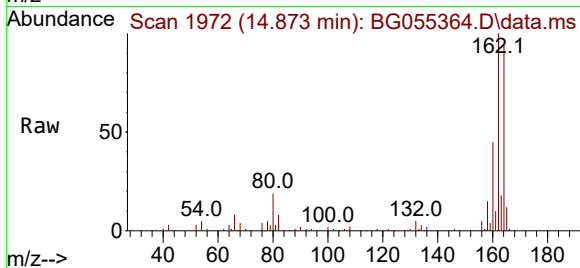
Acq: 29 Oct 2022 14:01

Instrument :

BNA_G

ClientSampleId :

20221110-COMP-09



Tgt Ion:165 Resp: 9571

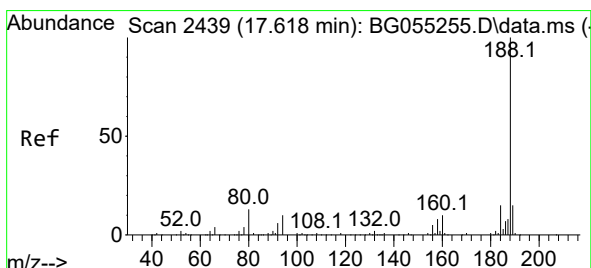
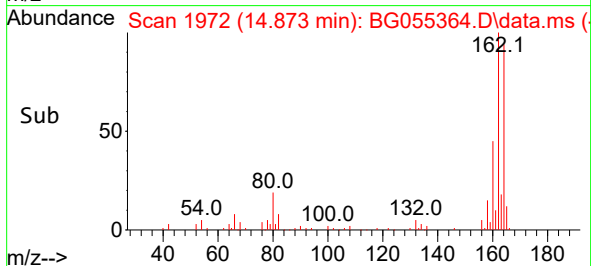
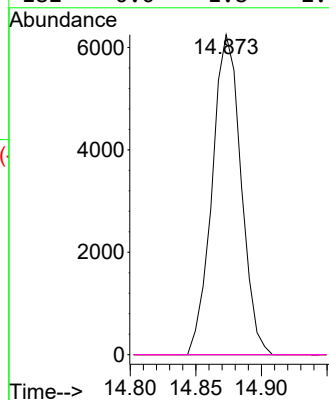
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.605 min Scan# 2437

Delta R.T. -0.008 min

Lab File: BG055364.D

Acq: 29 Oct 2022 14:01

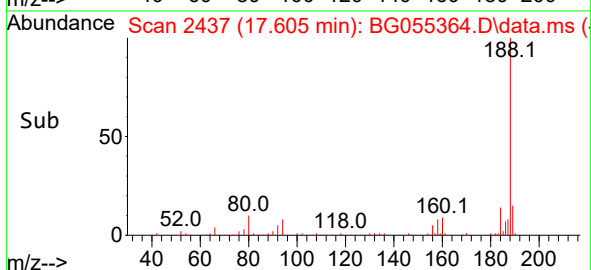
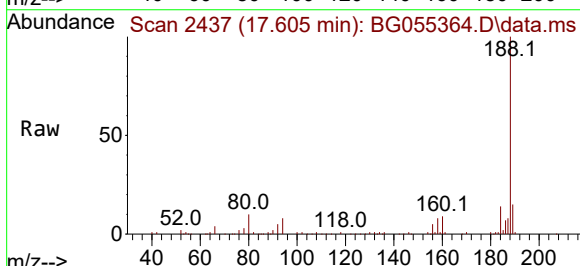
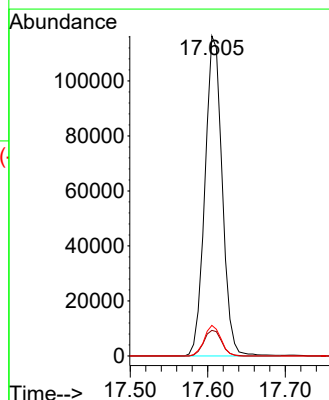
Tgt Ion:188 Resp: 179861

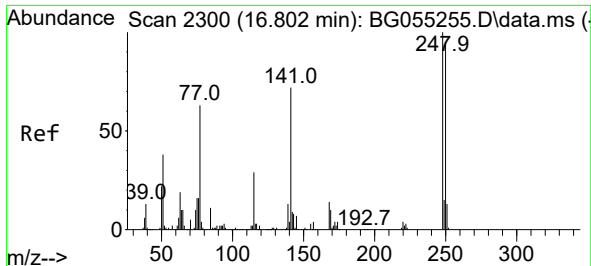
Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.4#

80 9.5 10.1 15.1#

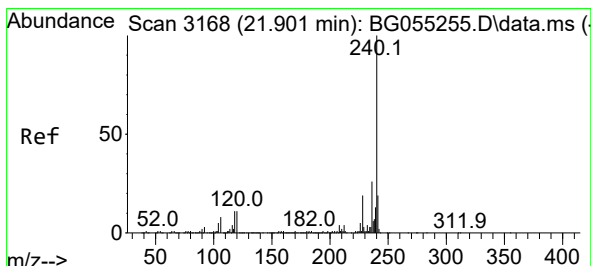
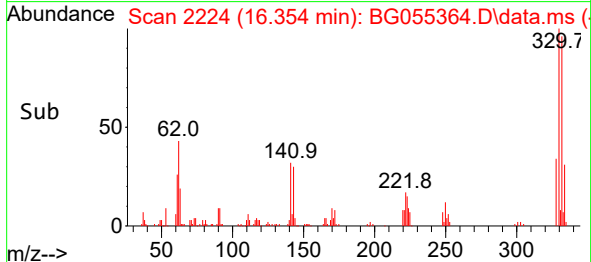
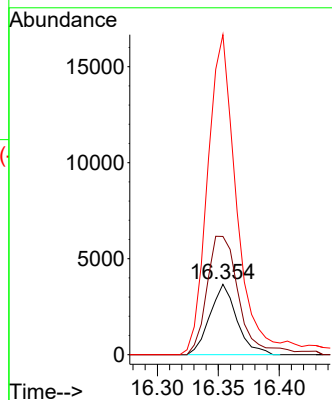
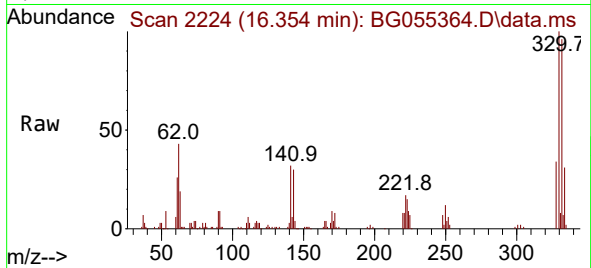




#67
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 16.354 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

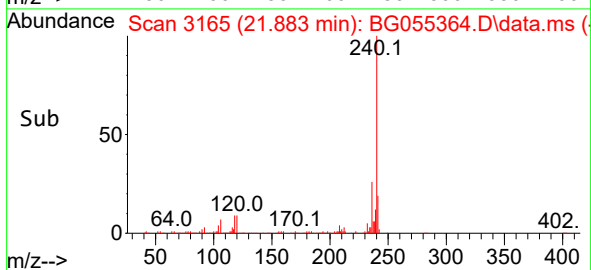
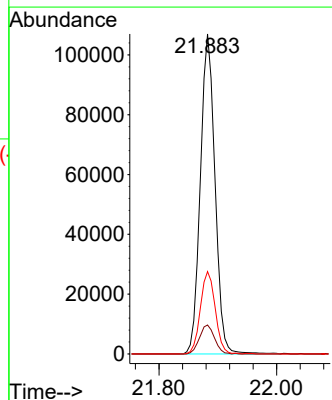
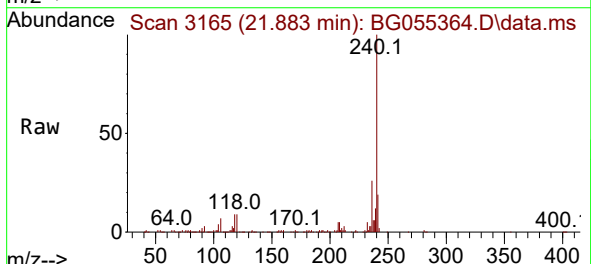
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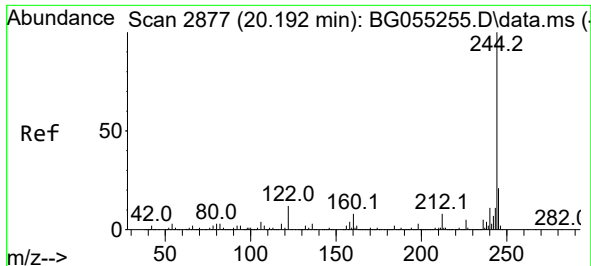
Tgt Ion:248 Resp: 5643
Ion Ratio Lower Upper
248 100
250 167.8 76.0 114.0#
141 454.3 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055364.D
Acq: 29 Oct 2022 14:01

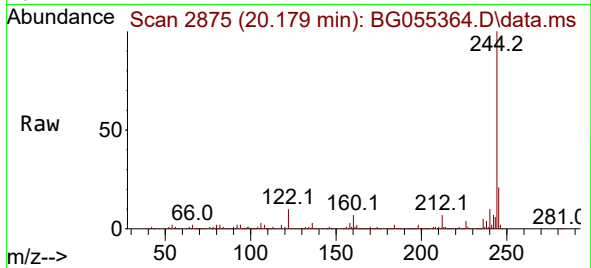
Tgt Ion:240 Resp: 184636
Ion Ratio Lower Upper
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120 9.1 8.9 13.3
236 25.8 21.0 31.4



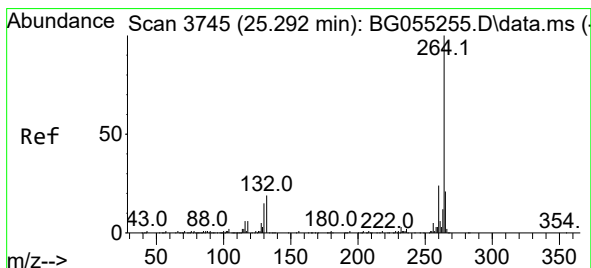
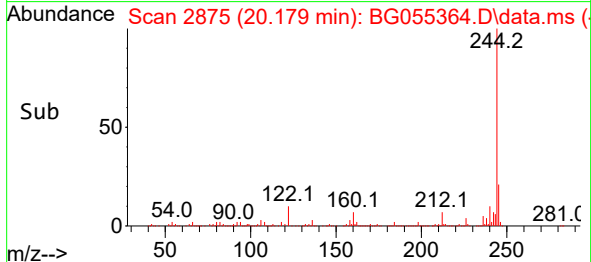
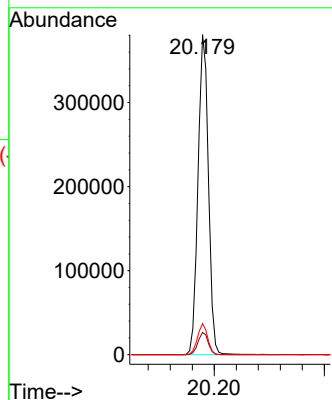


#79
 Terphenyl-d14
 Concen: 56.093 ng
 RT: 20.179 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055364.D
 Acq: 29 Oct 2022 14:01

Instrument :
 BNA_G
 ClientSampleId :
 20221110-COMP-09



Tgt Ion:244 Resp: 498474
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.273 min Scan# 3742
 Delta R.T. -0.013 min
 Lab File: BG055364.D
 Acq: 29 Oct 2022 14:01

Tgt Ion:264 Resp: 197437
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.1 17.4 26.2

