

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055372.D
 Acq On : 29 Oct 2022 19:31
 Operator : CG/JU
 Sample : N5281-07RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Oct 31 02:45:03 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

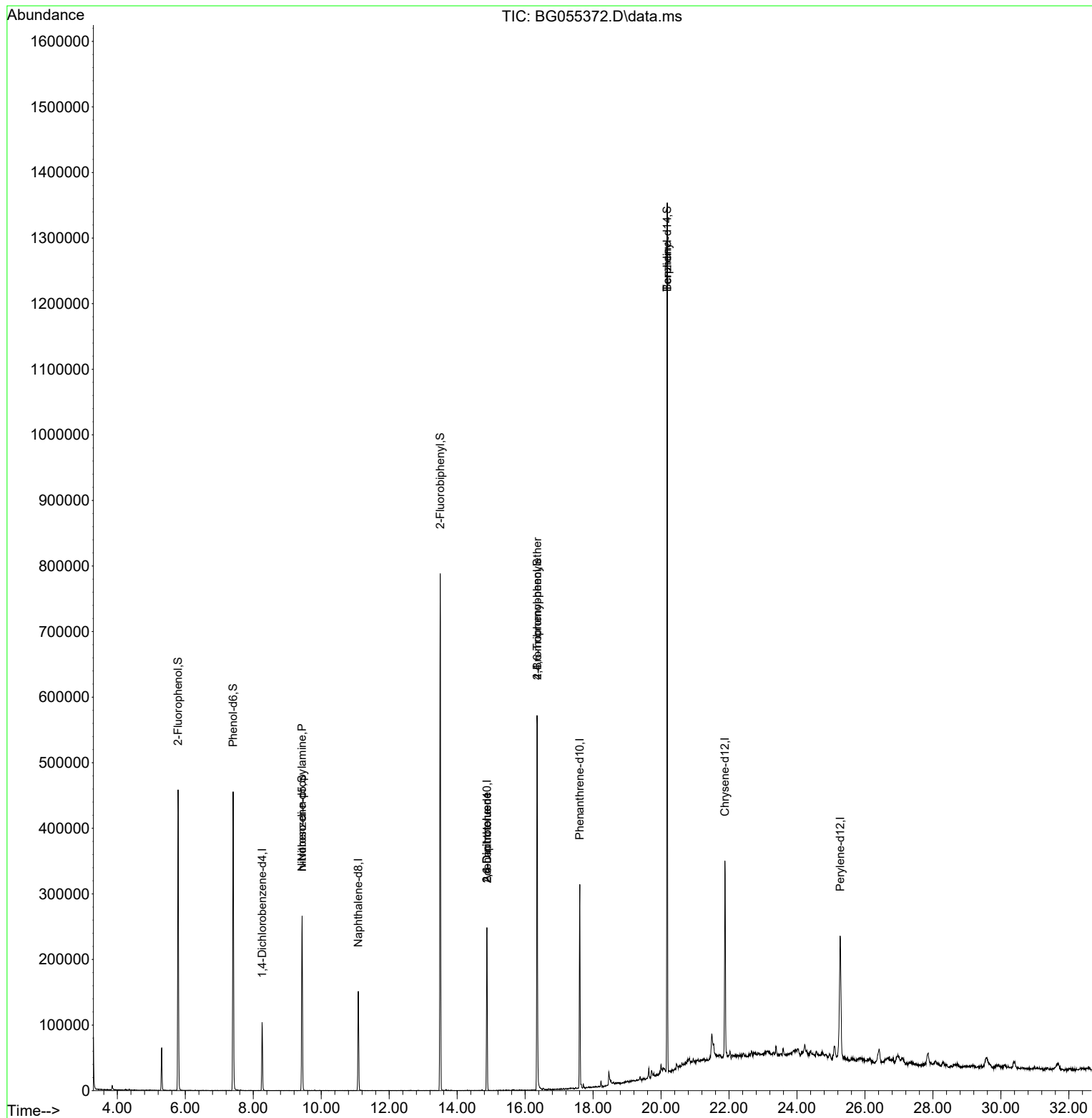
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	31495	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	135651	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	92612	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	199517	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	192114	20.000	ng	#-0.01
86) Perylene-d12	25.268	264	206651	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	214936	119.494	ng	0.00
7) Phenol-d6	7.407	99	285336	109.495	ng	0.00
23) Nitrobenzene-d5	9.434	82	171236	64.459	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	132953	132.059	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	420041	74.235	ng	-0.01
79) Terphenyl-d14	20.180	244	658220	71.186	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	22551	10.421	ng	# 76
51) 2,6-Dinitrotoluene	14.875	165	12118	8.190	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	12118	5.644	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	8490	4.380	ng	# 1
77) Benzidine	20.180	184	9379	2.016	ng	# 92

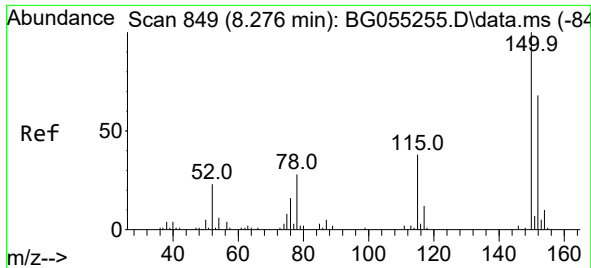
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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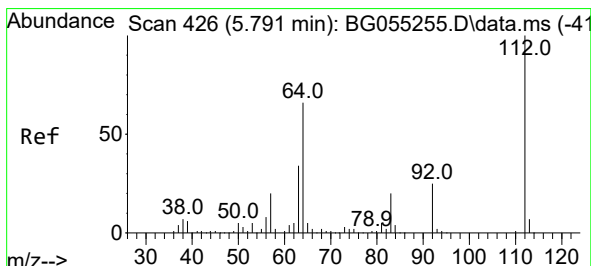
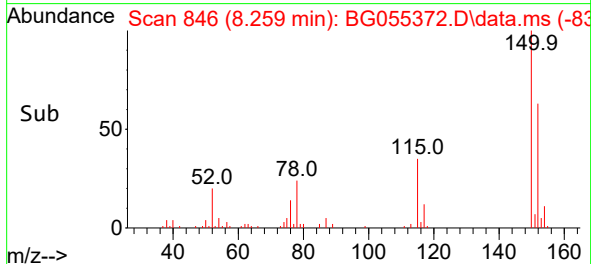
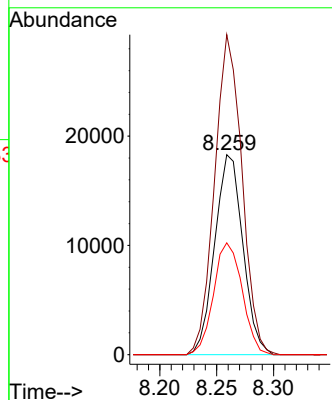
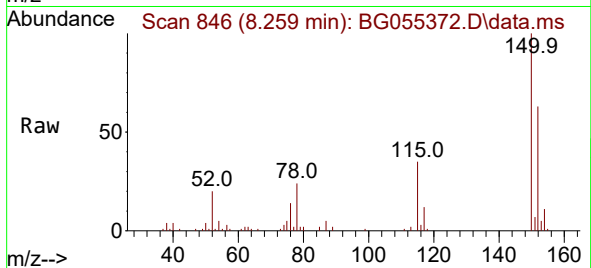




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

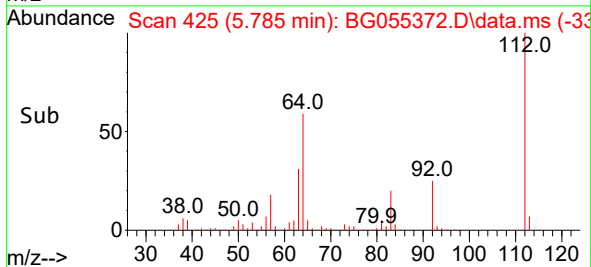
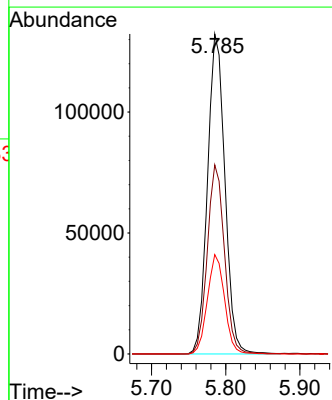
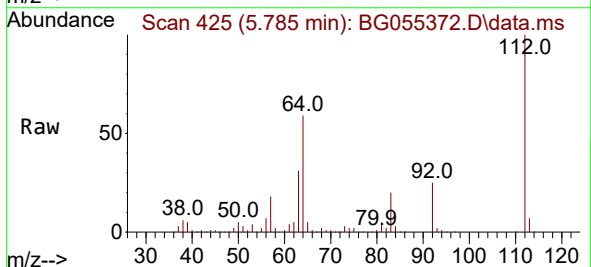
Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 31495
Ion Ratio Lower Upper
152 100
150 159.9 118.2 177.4
115 55.9 44.5 66.7



#5
2-Fluorophenol
Concen: 119.494 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:112 Resp: 214936
Ion Ratio Lower Upper
112 100
64 59.1 52.6 78.8
63 31.1 27.1 40.7

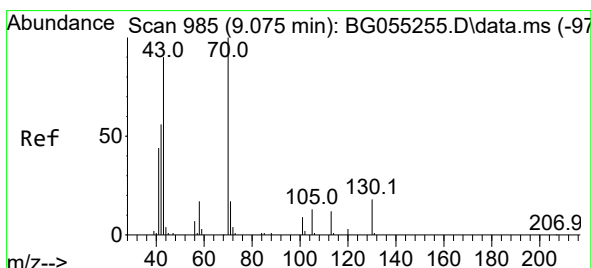
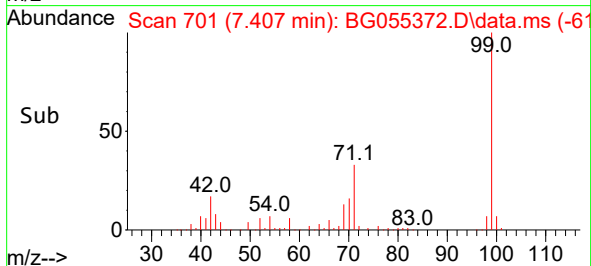
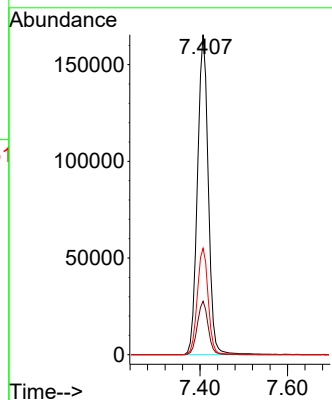
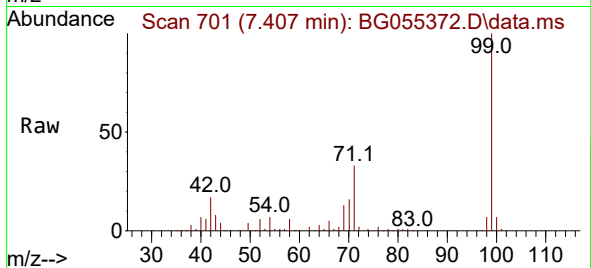




#7
Phenol-d6
Concen: 109.495 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

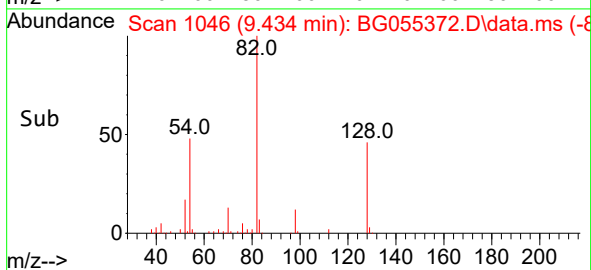
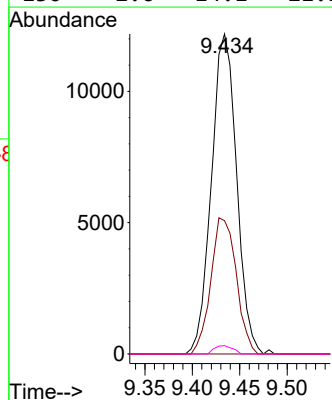
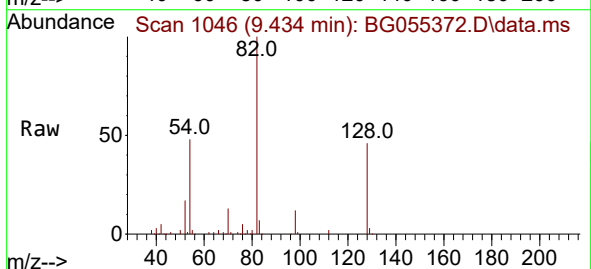
Instrument :
BNA_G
ClientSampleId :
SB-7

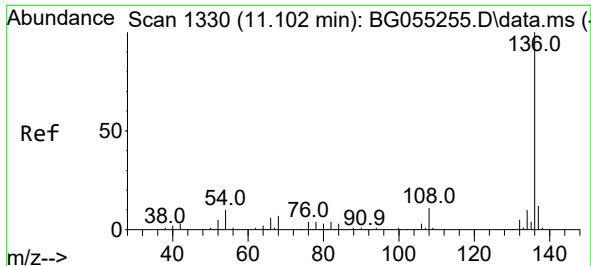
Tgt Ion: 99 Resp: 285336
Ion Ratio Lower Upper
99 100
42 16.7 15.2 22.8
71 33.2 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.421 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion: 70 Resp: 22551
Ion Ratio Lower Upper
70 100
42 41.6 45.8 68.6#
101 0.0 7.4 11.0#
130 2.6 14.1 21.1#

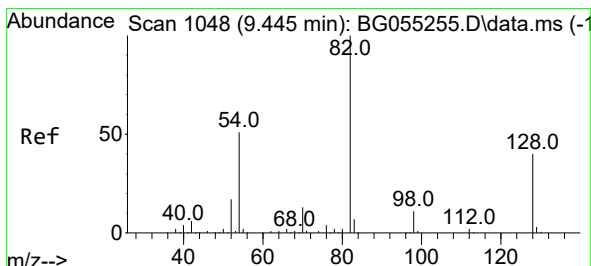
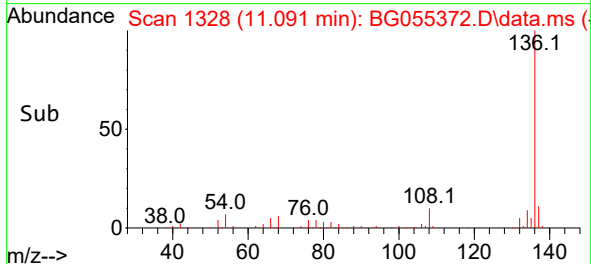
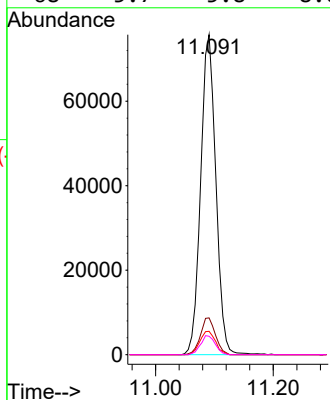
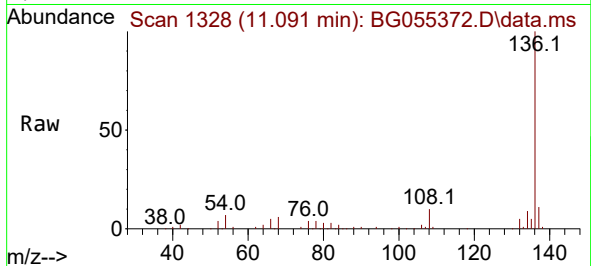




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

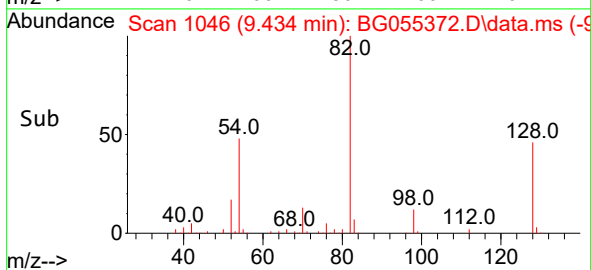
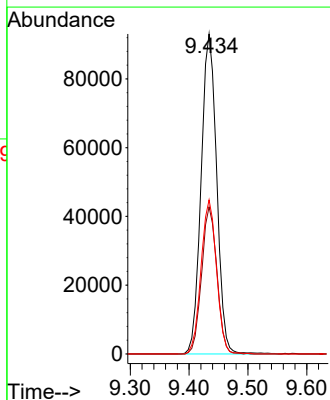
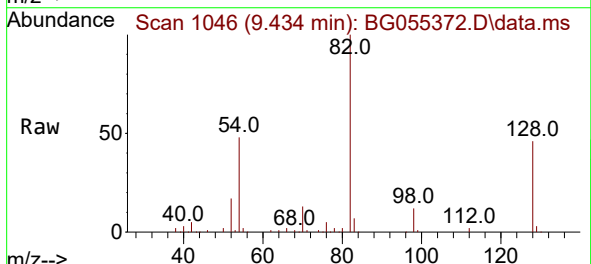
Instrument :
BNA_G
ClientSampleId :
SB-7

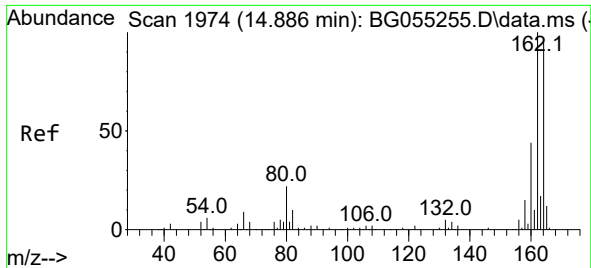
Tgt Ion:	136	Resp:	135651
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	7.3	7.8	11.8#
68	5.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 64.459 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:	82	Resp:	171236
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.0	48.0
54	48.2	40.9	61.3

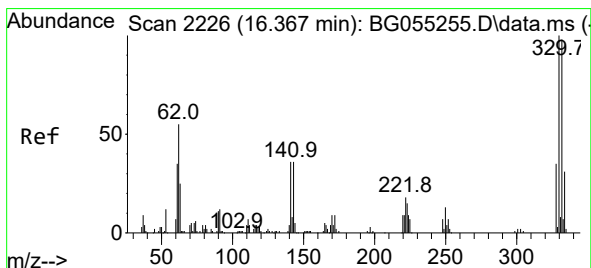
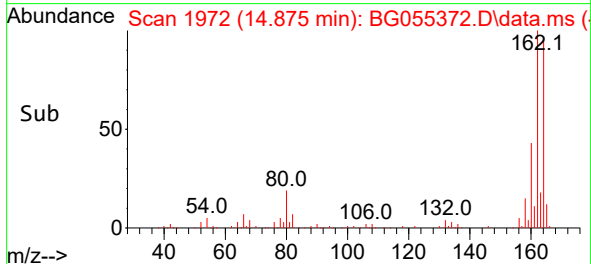
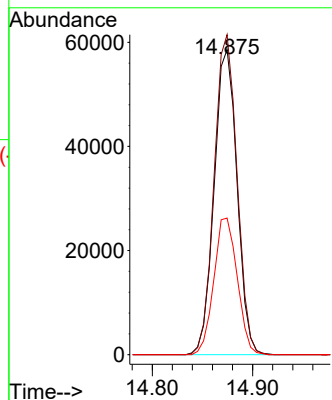
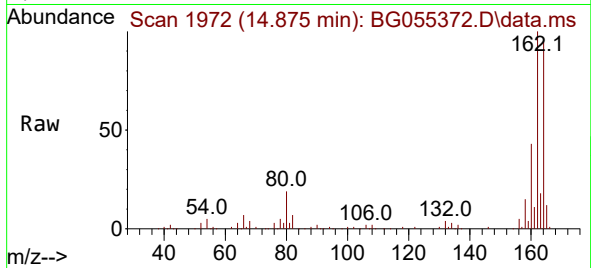




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

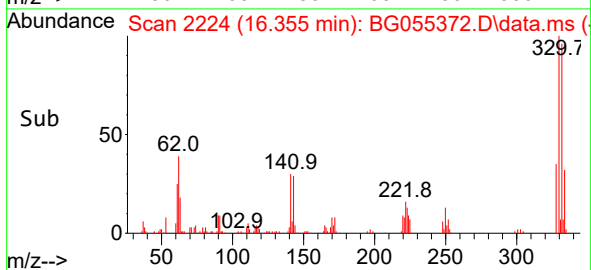
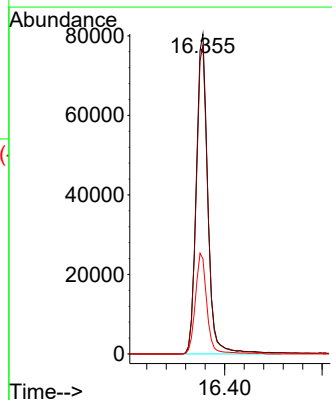
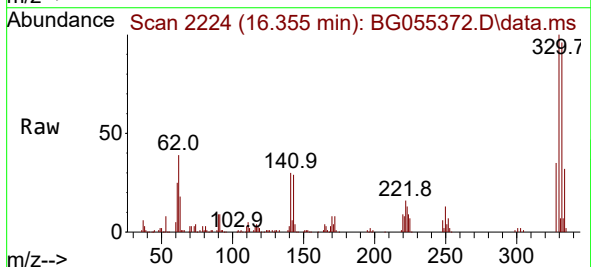
Instrument :
BNA_G
ClientSampleId :
SB-7

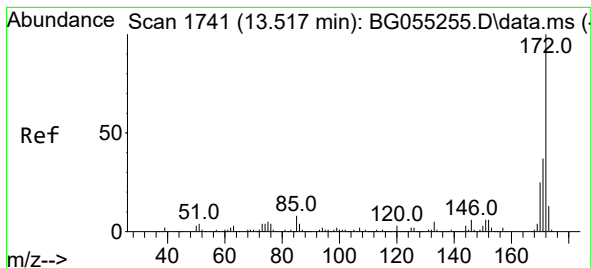
Tgt Ion:164 Resp: 92612
Ion Ratio Lower Upper
164 100
162 104.9 84.0 126.0
160 44.8 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 132.059 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:330 Resp: 132953
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 31.5 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 74.235 ng

RT: 13.500 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

Instrument :

BNA_G

ClientSampleId :

SB-7

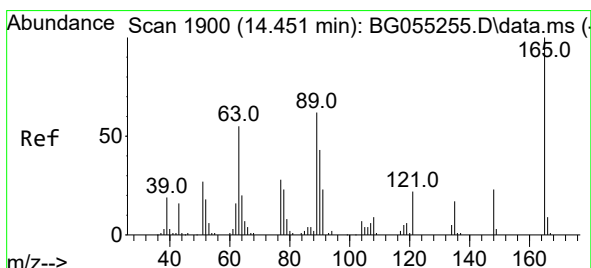
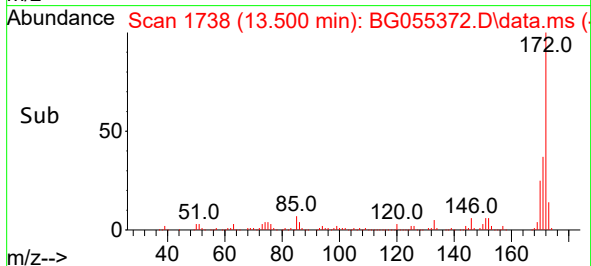
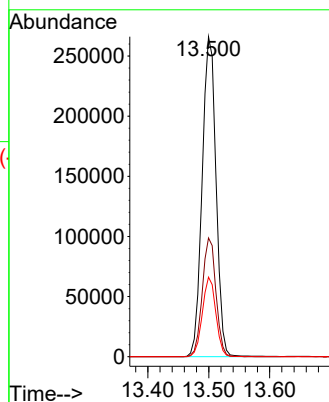
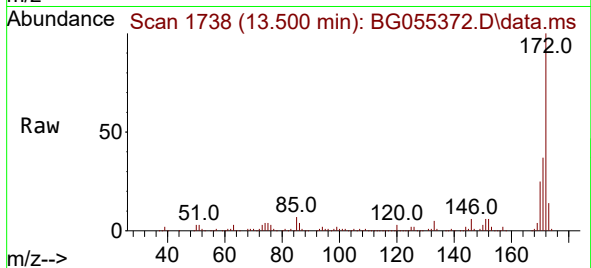
Tgt Ion:172 Resp: 420041

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.9 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 8.190 ng

RT: 14.875 min Scan# 1972

Delta R.T. 0.423 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

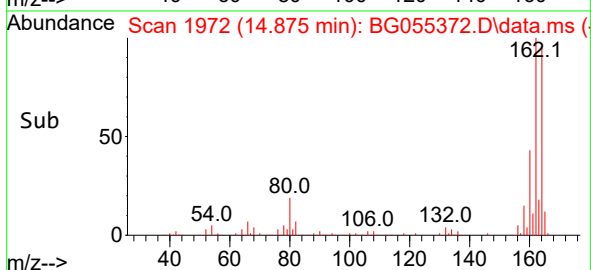
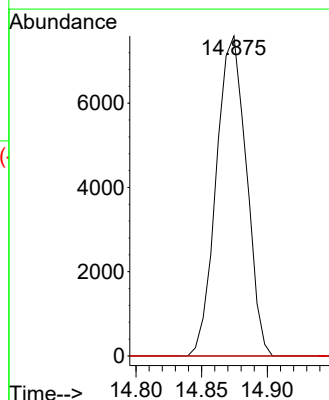
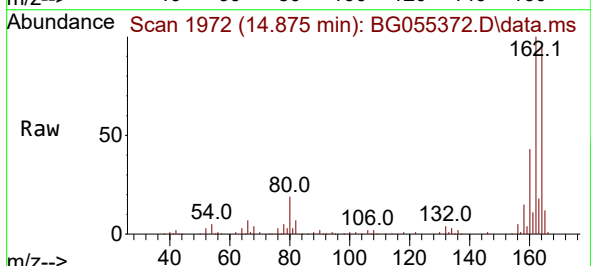
Tgt Ion:165 Resp: 12118

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: 5.644 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

Instrument :

BNA_G

ClientSampleId :

SB-7

Tgt Ion:165 Resp: 12118

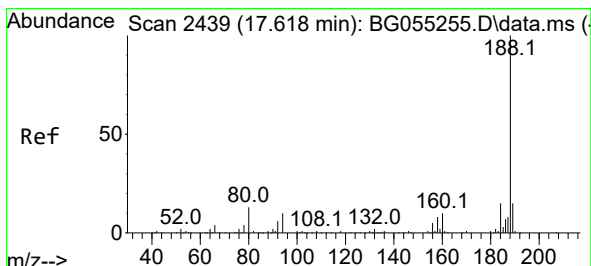
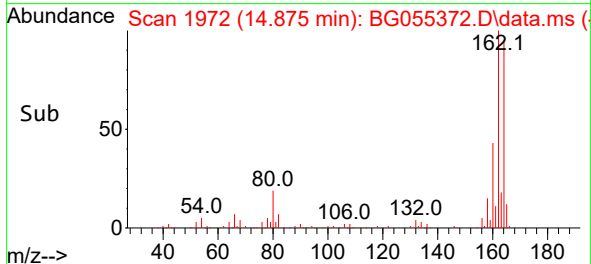
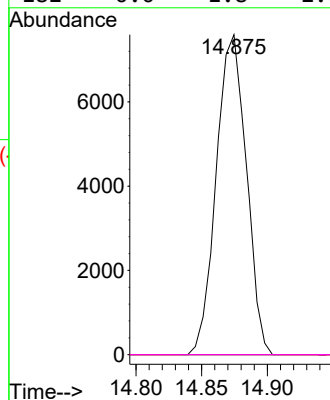
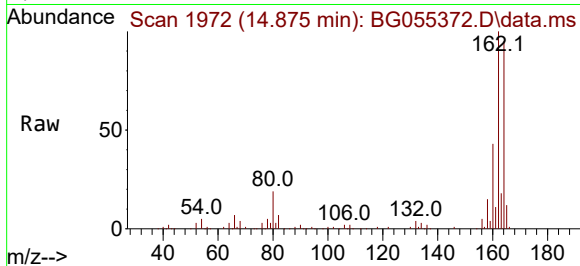
Ion Ratio Lower Upper

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: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055372.D

Acq: 29 Oct 2022 19:31

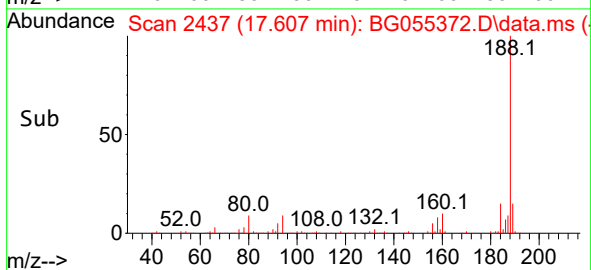
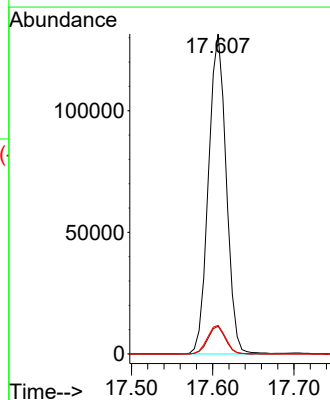
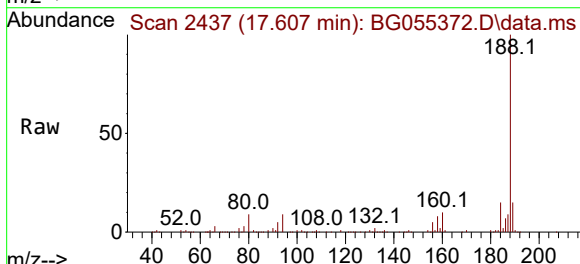
Tgt Ion:188 Resp: 199517

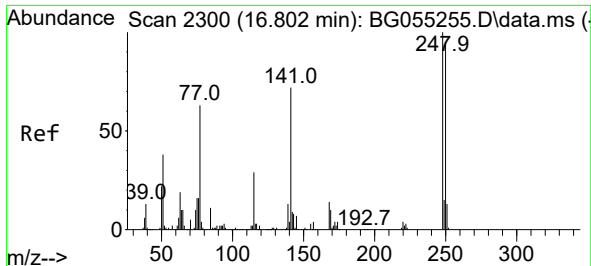
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

80 9.0 10.1 15.1#

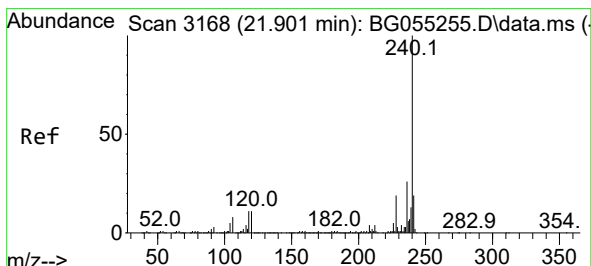
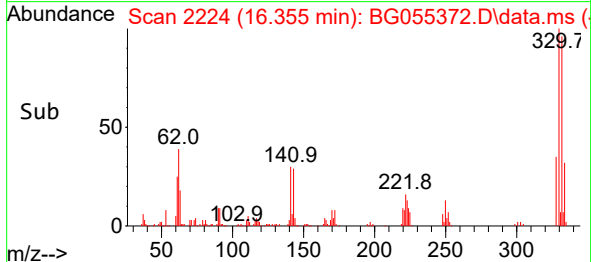
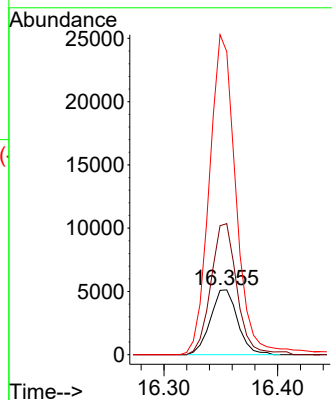
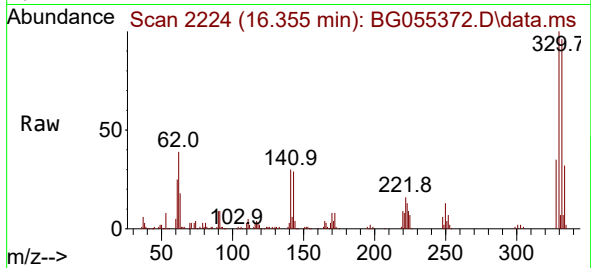




#67
4-Bromophenyl-phenylether
Concen: 4.380 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

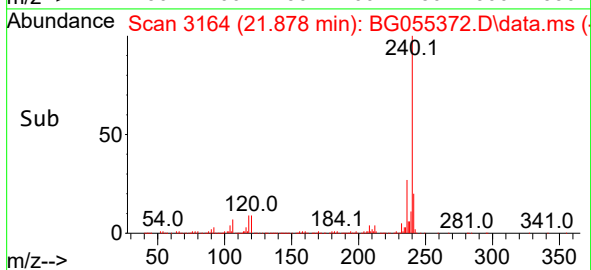
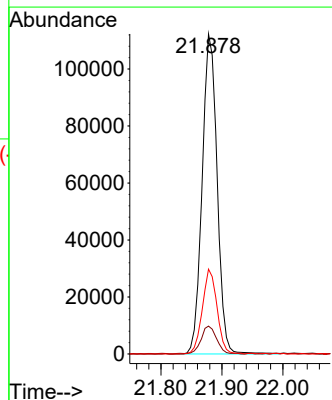
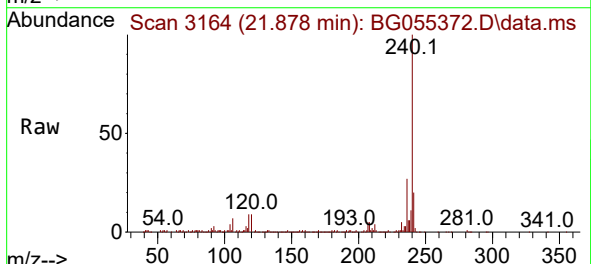
Instrument :
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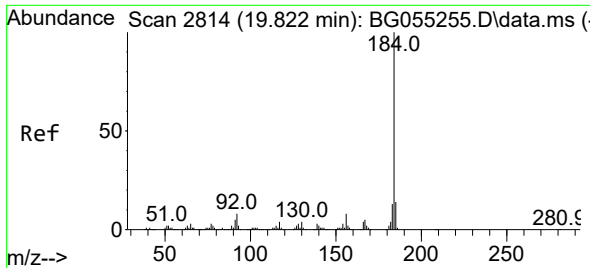
Tgt Ion:248 Resp: 8490
Ion Ratio Lower Upper
248 100
250 202.4 76.0 114.0#
141 468.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:240 Resp: 192114
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 26.5 21.0 31.4

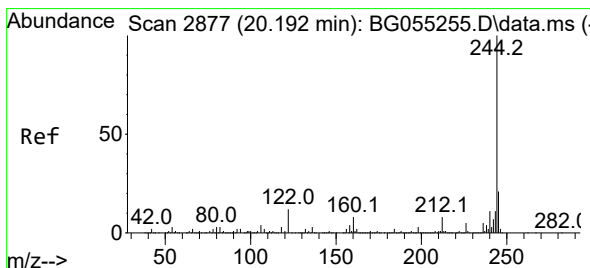
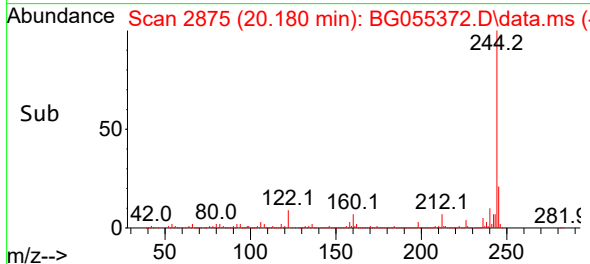
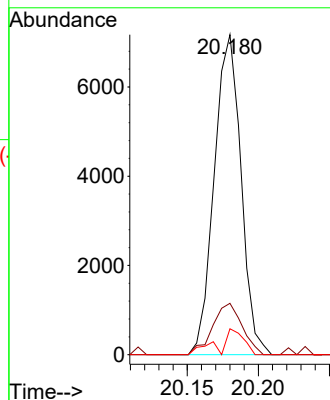
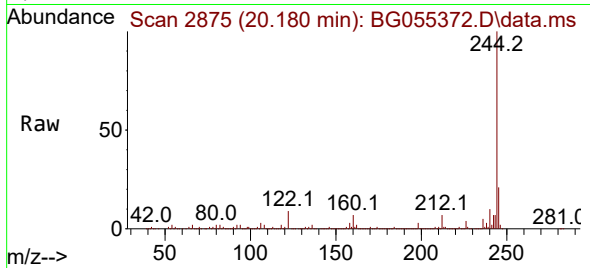




#77
Benzidine
Concen: 2.016 ng
RT: 20.180 min Scan# 2814
Delta R.T. 0.364 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

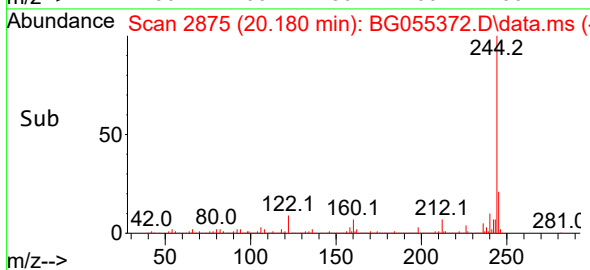
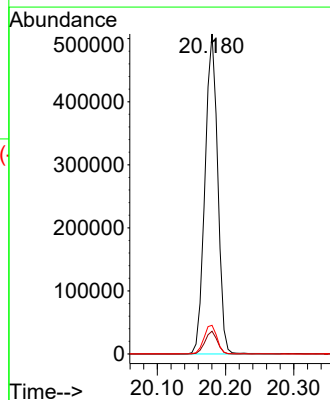
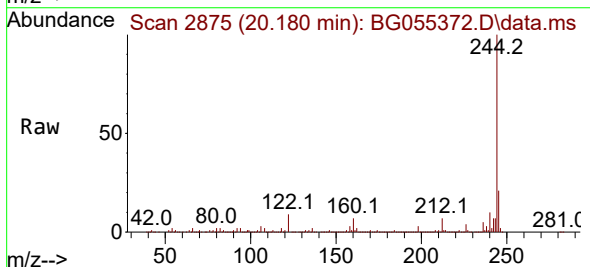
Instrument :
BNA_G
ClientSampleId :
SB-7

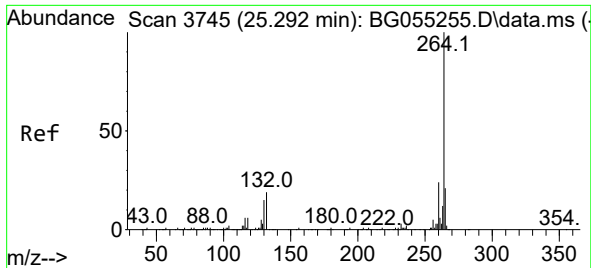
Tgt Ion:184 Resp: 9379
Ion Ratio Lower Upper
184 100
185 16.0 11.0 16.6
183 8.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 71.186 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Tgt Ion:244 Resp: 658220
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.9 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.268 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG055372.D
Acq: 29 Oct 2022 19:31

Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:264 Resp: 206651
Ion Ratio Lower Upper
264 100
260 25.6 19.5 29.3
265 22.8 17.4 26.2

