

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056020.D
 Acq On : 19 Dec 2022 19:30
 Operator : CG/JU
 Sample : N6065-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-S

Quant Time: Dec 20 01:07:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 01:01:12 2022
 Response via : Initial Calibration

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

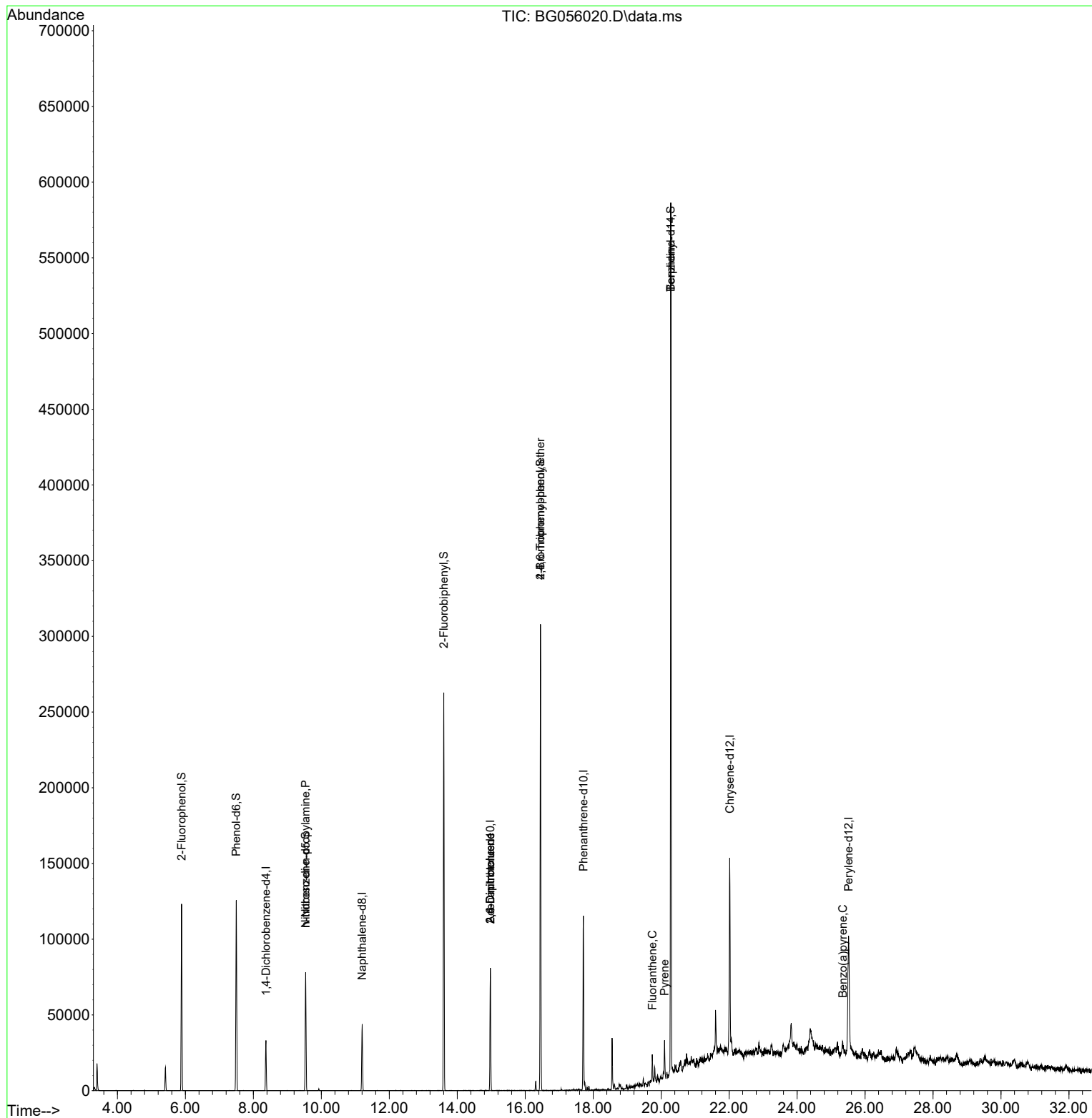
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	10324	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	38342	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	31982	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	83143	20.000	ng	0.00
76) Chrysene-d12	22.019	240	82327	20.000	ng	-0.01
86) Perylene-d12	25.515	264	100770	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	50348	114.369	ng	0.00
7) Phenol-d6	7.495	99	60952	107.653	ng	0.00
23) Nitrobenzene-d5	9.539	82	40788	74.340	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	80360	104.204	ng	-0.01
45) 2-Fluorobiphenyl	13.605	172	143177	62.786	ng	0.00
79) Terphenyl-d14	20.285	244	307659	66.048	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.539	70	6590	16.238	ng	# 64
51) 2,6-Dinitrotoluene	14.974	165	4338	10.138	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	4338	6.716	ng	# 35
67) 4-Bromophenyl-phenylether	16.449	248	4644	3.812	ng	# 1
75) Fluoranthene	19.739	202	12728	2.086	ng	98
77) Benzidine	20.285	184	4827	3.339	ng	# 90
78) Pyrene	20.103	202	16739	3.360	ng	98
90) Benzo(a)pyrene	25.350	252	11311	2.052	ng	# 87

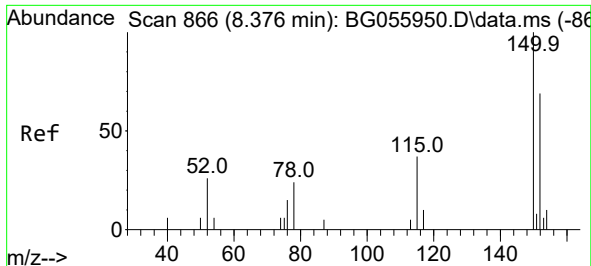
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
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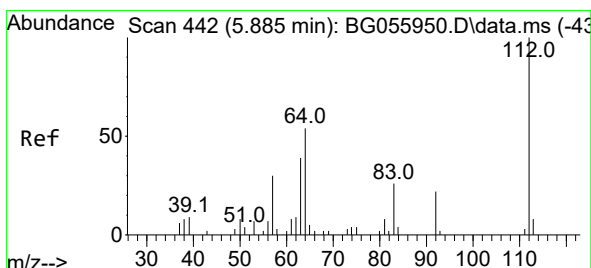
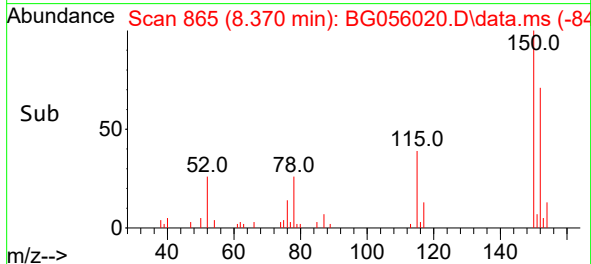
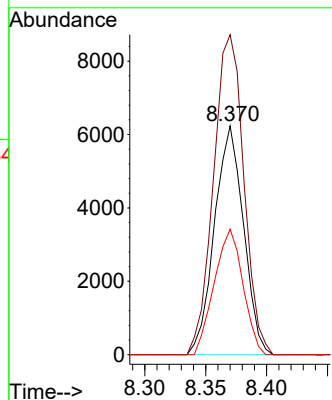
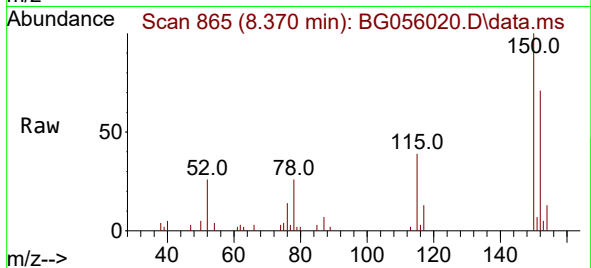




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. 0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

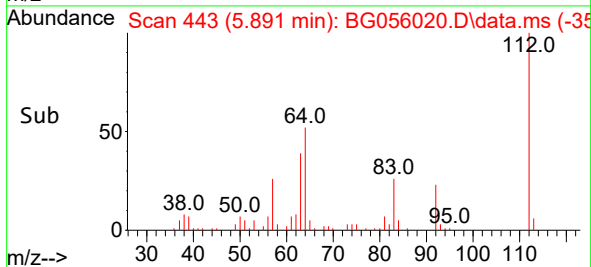
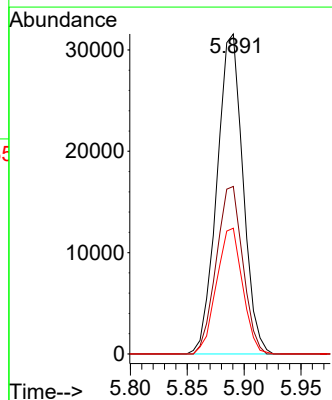
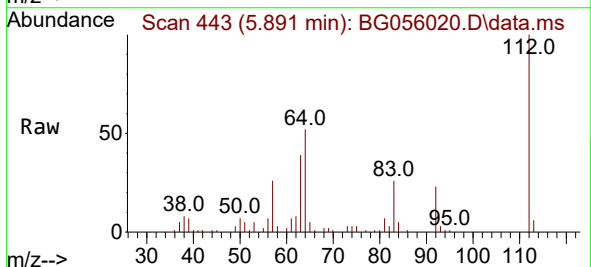
Instrument :
BNA_G
ClientSampleId :
TP-S

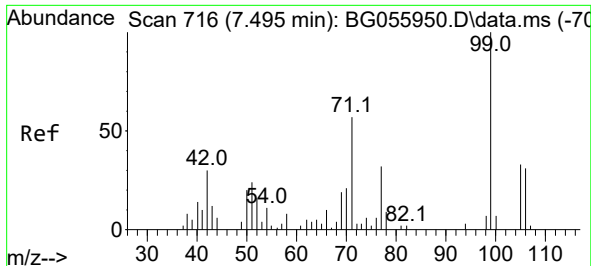
Tgt Ion:152 Resp: 10324
Ion Ratio Lower Upper
152 100
150 139.9 115.7 173.5
115 54.8 43.0 64.4



#5
2-Fluorophenol
Concen: 114.369 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:112 Resp: 50348
Ion Ratio Lower Upper
112 100
64 52.4 43.0 64.4
63 39.3 31.4 47.2

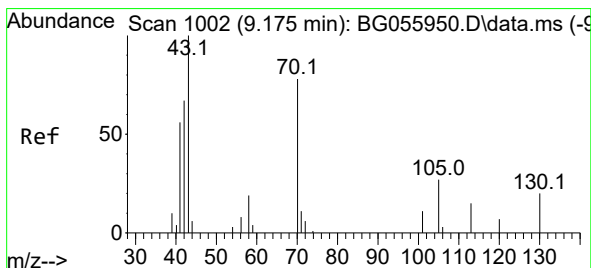
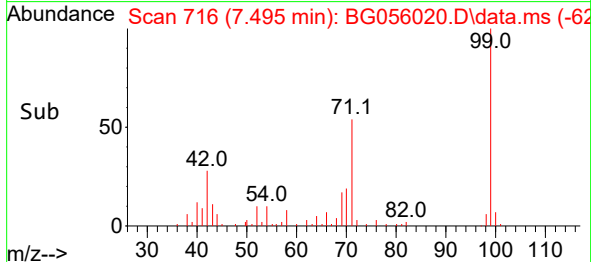
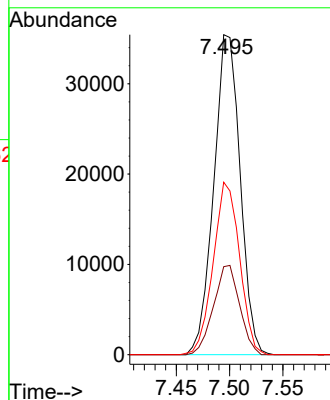
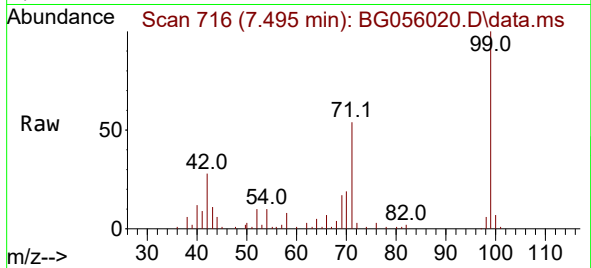




#7
Phenol-d6
Concen: 107.653 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

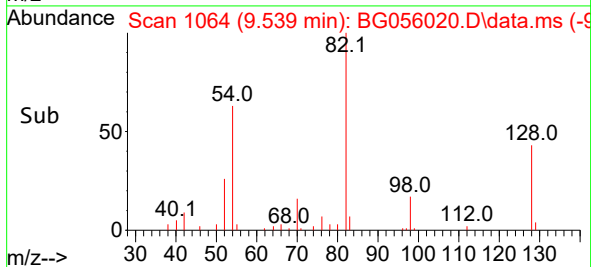
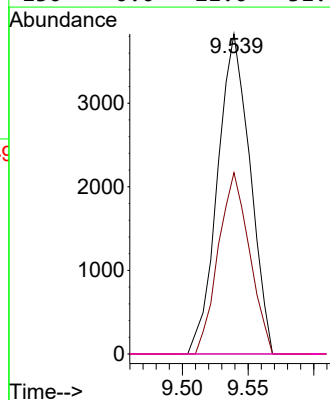
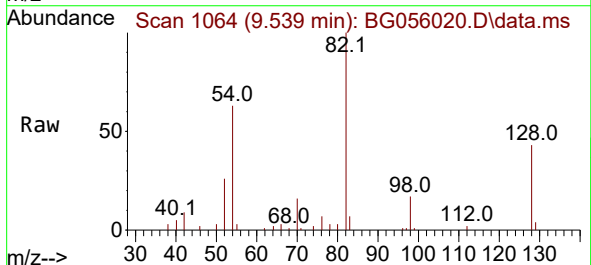
Instrument :
BNA_G
ClientSampleId :
TP-S

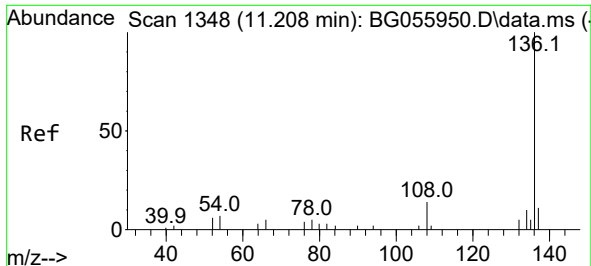
Tgt Ion:	99	Resp:	60952
Ion	Ratio	Lower	Upper
99	100		
42	27.5	24.3	36.5
71	53.9	45.6	68.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.238 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.364 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:	70	Resp:	6590
Ion	Ratio	Lower	Upper
70	100		
42	56.6	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#

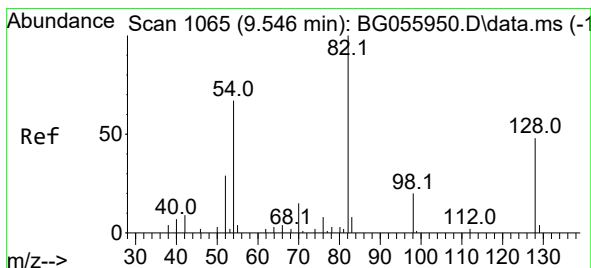
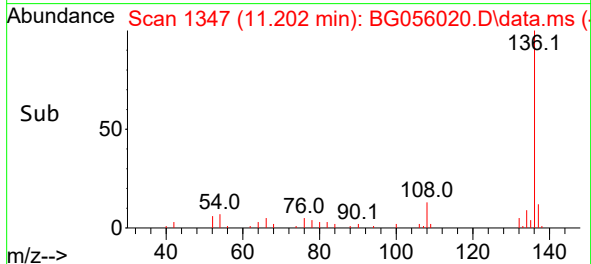
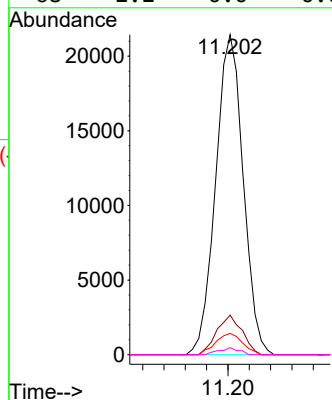
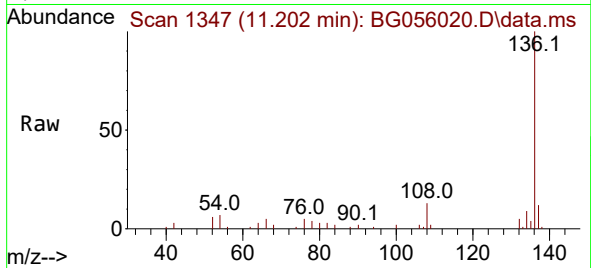




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

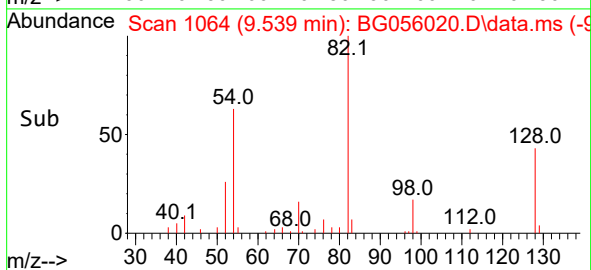
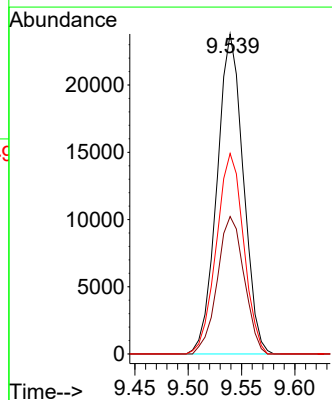
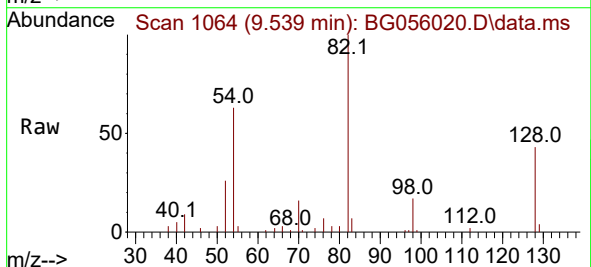
Instrument :
BNA_G
ClientSampleId :
TP-S

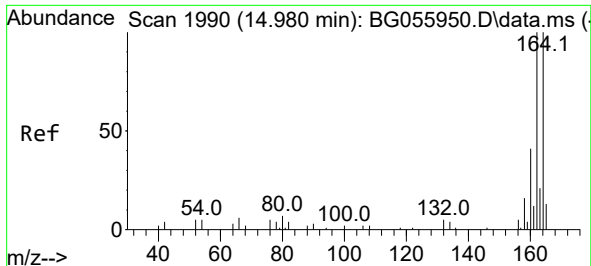
Tgt Ion:136 Resp: 38342
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 6.6 5.6 8.4
68 2.2 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 74.340 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion: 82 Resp: 40788
Ion Ratio Lower Upper
82 100
128 43.0 38.4 57.6
54 62.7 53.3 79.9

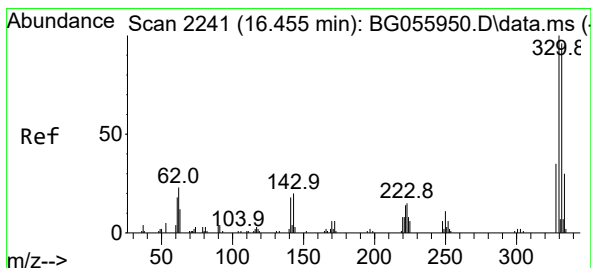
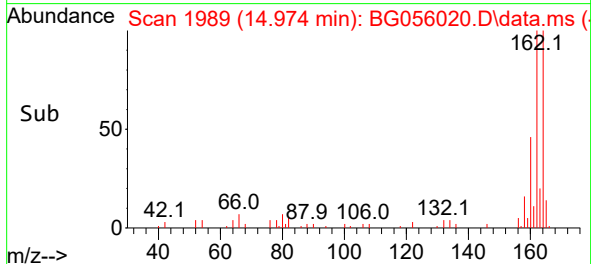
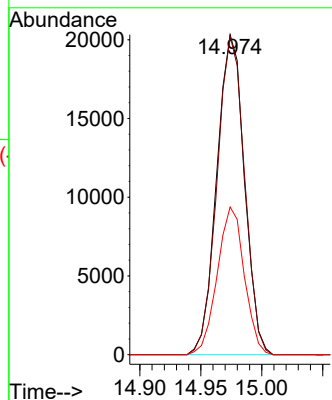
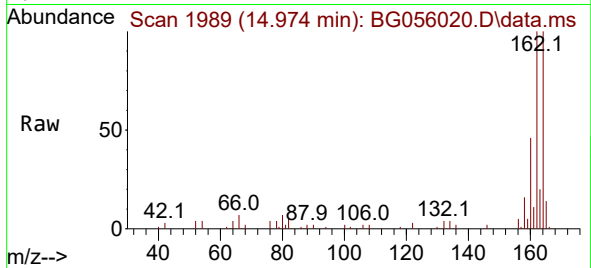




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

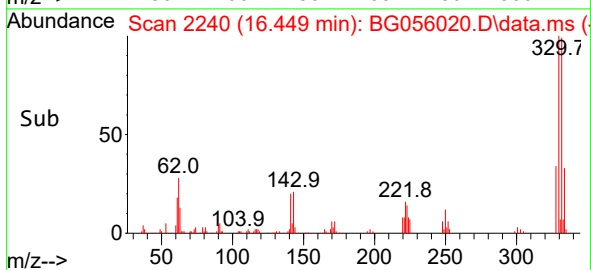
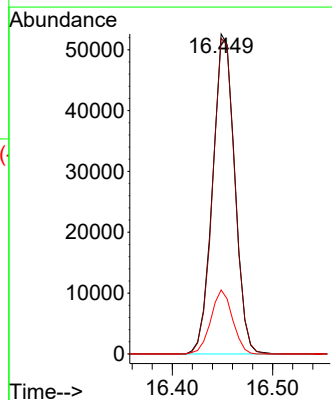
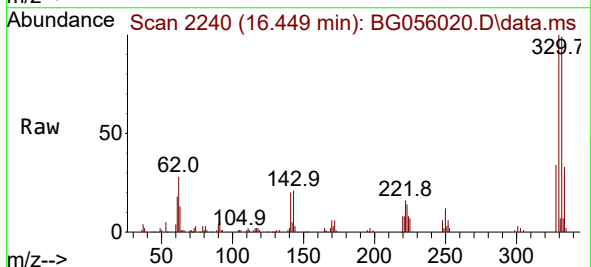
Instrument :
BNA_G
ClientSampleId :
TP-S

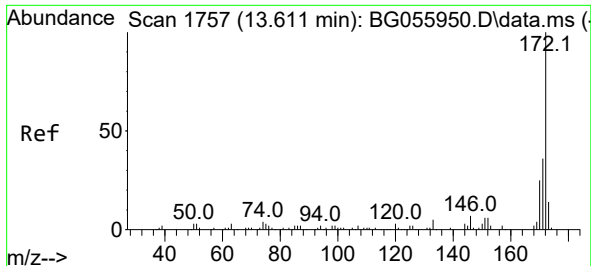
Tgt Ion:164 Resp: 31982
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 46.2 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 104.204 ng
RT: 16.449 min Scan# 2240
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:330 Resp: 80360
Ion Ratio Lower Upper
330 100
332 98.6 76.6 114.8
141 19.6 15.0 22.4

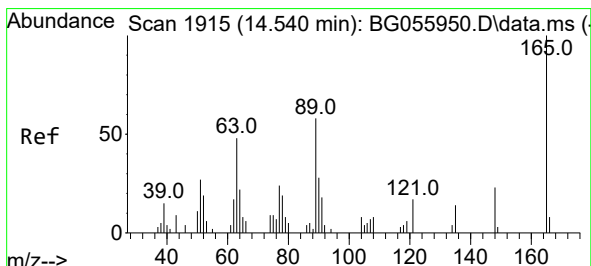
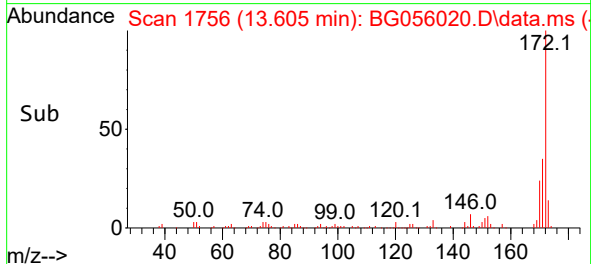
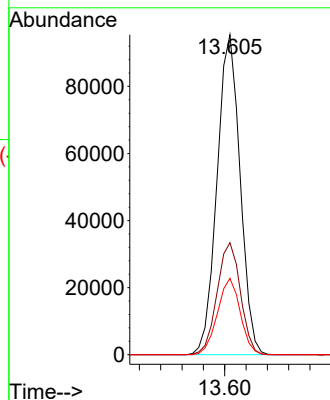
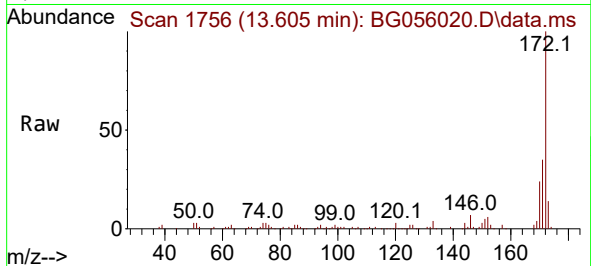




#45
2-Fluorobiphenyl
Concen: 62.786 ng
RT: 13.605 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

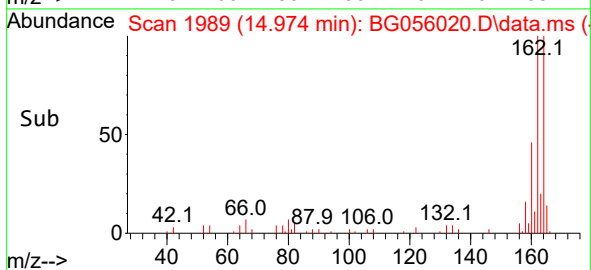
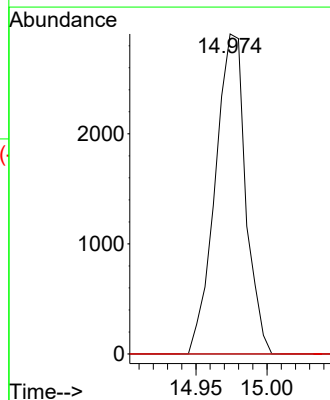
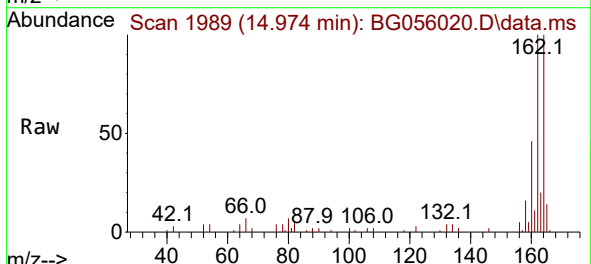
Instrument :
BNA_G
ClientSampleId :
TP-S

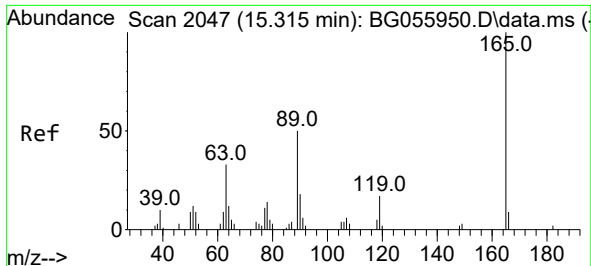
Tgt Ion:172 Resp: 143177
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.8 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 10.138 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.435 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:165 Resp: 4338
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





#57

2,4-Dinitrotoluene

Concen: 6.716 ng

RT: 14.974 min Scan# 1989

Delta R.T. -0.346 min

Lab File: BG056020.D

Acq: 19 Dec 2022 19:30

Instrument :

BNA_G

ClientSampleId :

TP-S

Tgt Ion:165 Resp: 4338

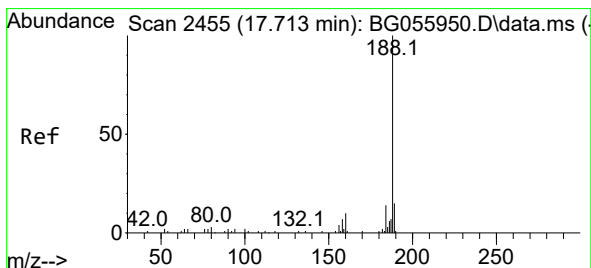
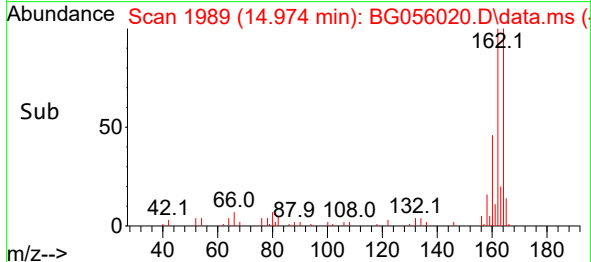
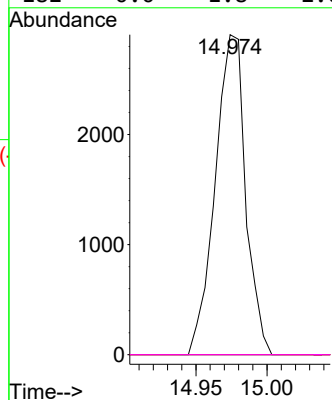
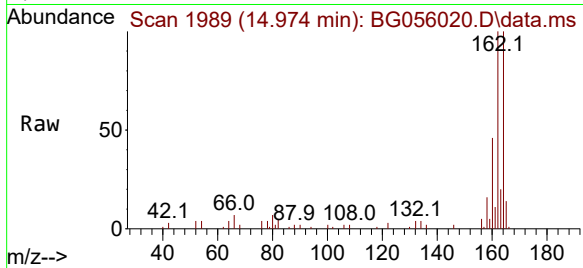
Ion Ratio Lower Upper

165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BG056020.D

Acq: 19 Dec 2022 19:30

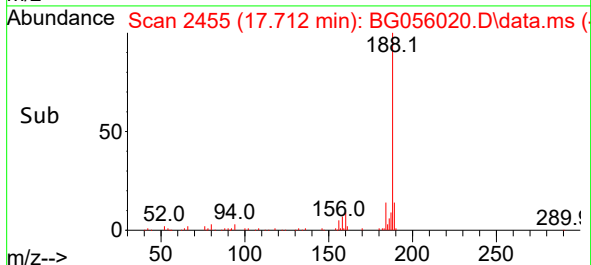
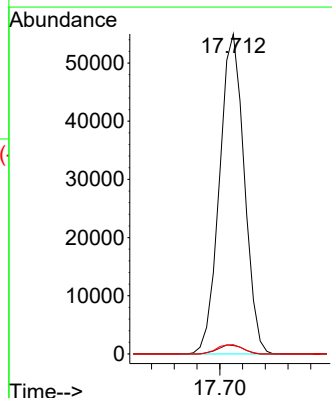
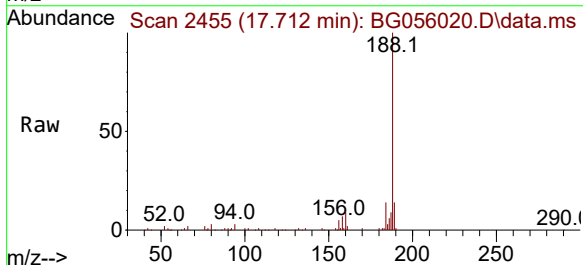
Tgt Ion:188 Resp: 83143

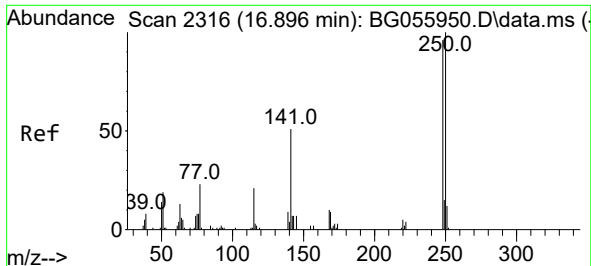
Ion Ratio Lower Upper

188 100

94 2.7 1.8 2.8

80 2.9 2.4 3.6

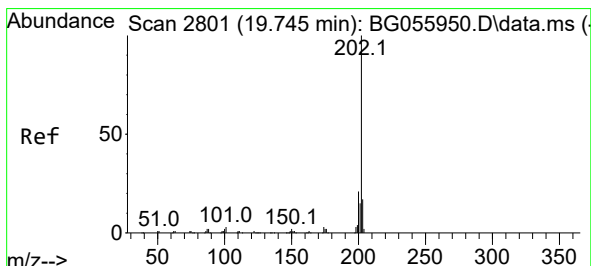
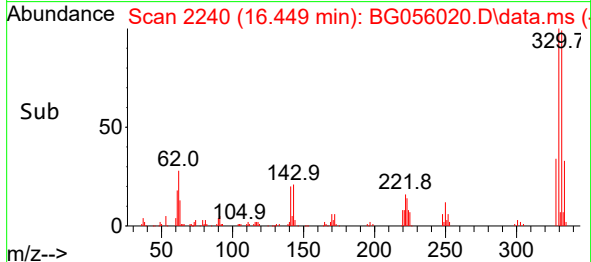
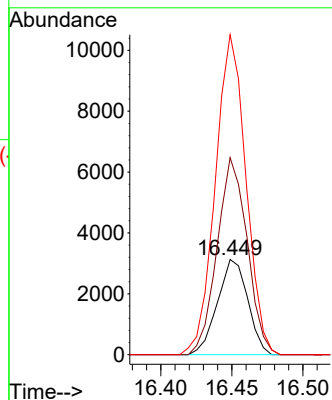
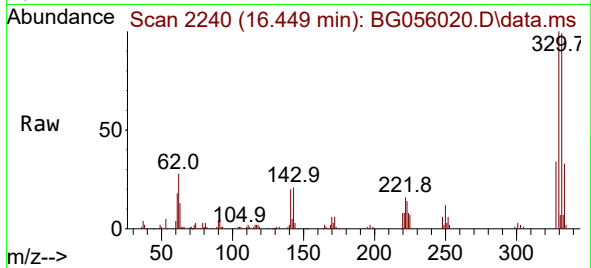




#67
4-Bromophenyl-phenylether
Concen: 3.812 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

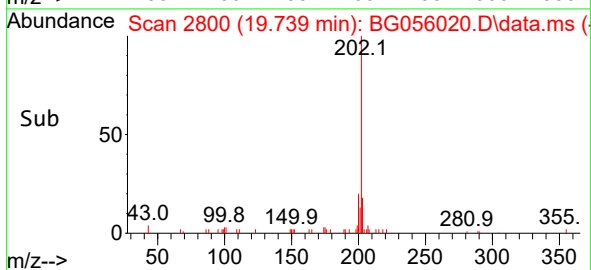
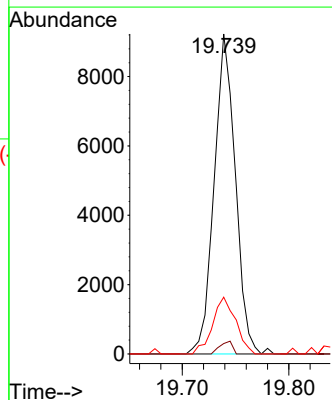
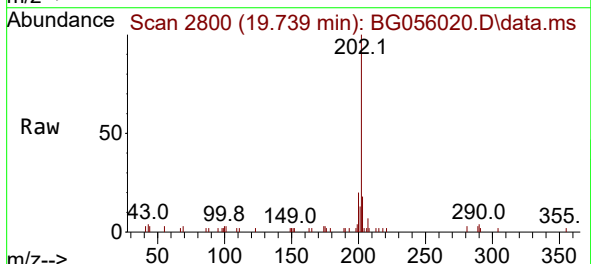
Instrument :
BNA_G
ClientSampleId :
TP-S

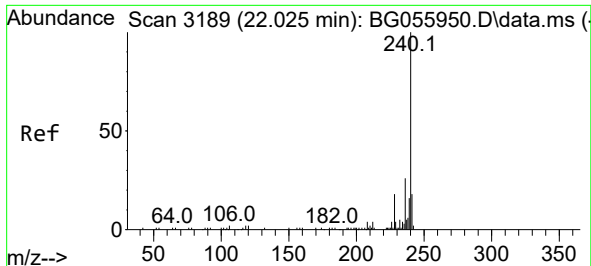
Tgt Ion:248 Resp: 4644
Ion Ratio Lower Upper
248 100
250 206.7 83.0 124.6#
141 335.9 42.6 64.0#



#75
Fluoranthene
Concen: 2.086 ng
RT: 19.739 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:202 Resp: 12728
Ion Ratio Lower Upper
202 100
101 3.3 0.0 22.6
203 17.8 0.0 37.1

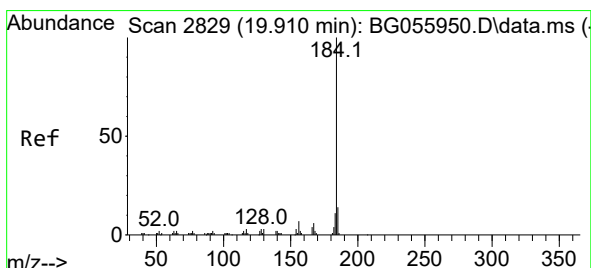
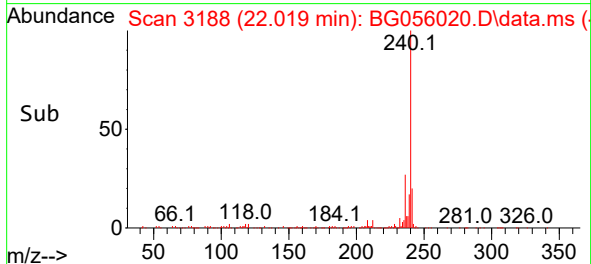
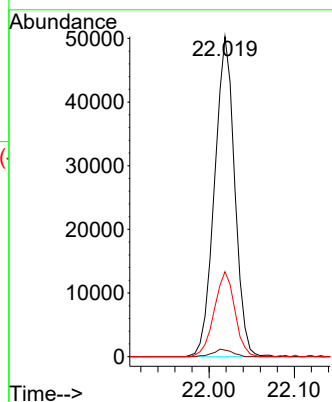
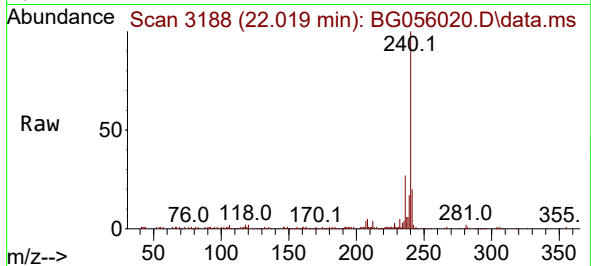




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

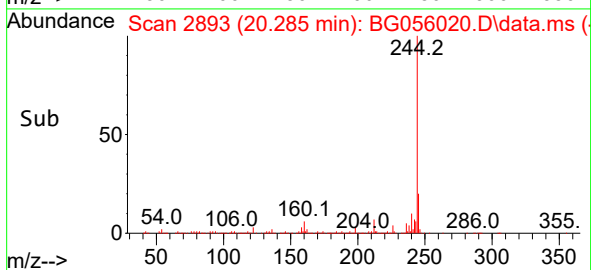
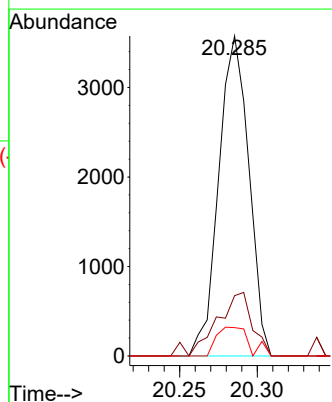
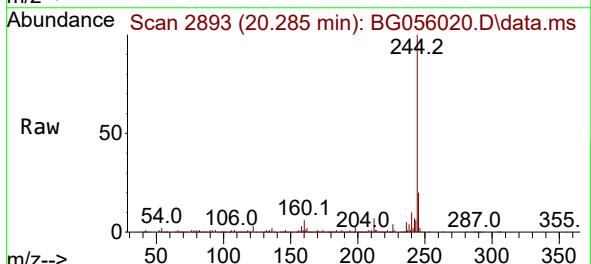
Instrument :
BNA_G
ClientSampleId :
TP-S

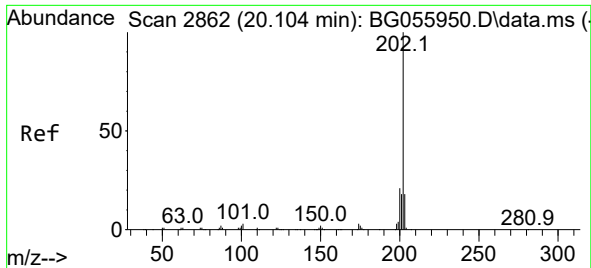
Tgt Ion:240 Resp: 82327
Ion Ratio Lower Upper
240 100
120 2.0 1.7 2.5
236 26.5 21.1 31.7



#77
Benzidine
Concen: 3.339 ng
RT: 20.285 min Scan# 2893
Delta R.T. 0.370 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:184 Resp: 4827
Ion Ratio Lower Upper
184 100
185 18.9 10.9 16.3#
183 8.8 9.2 13.8#

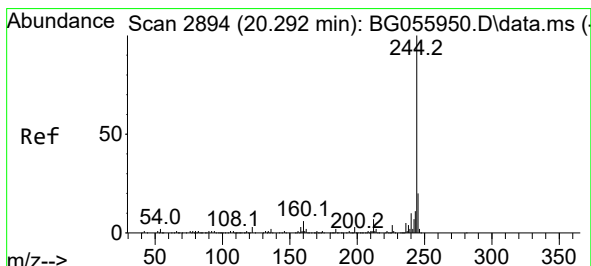
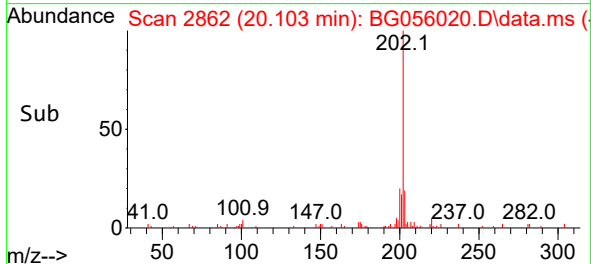
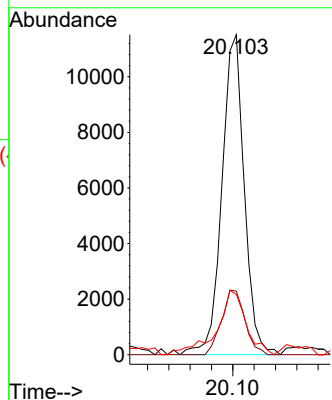
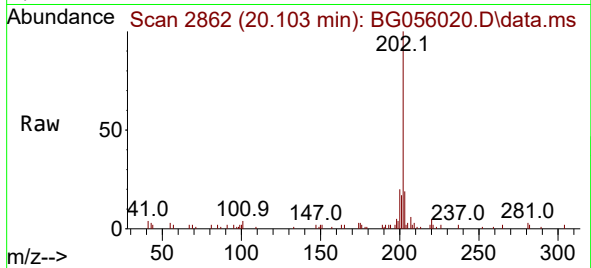




#78
 Pyrene
 Concen: 3.360 ng
 RT: 20.103 min Scan# 2862
 Delta R.T. -0.006 min
 Lab File: BG056020.D
 Acq: 19 Dec 2022 19:30

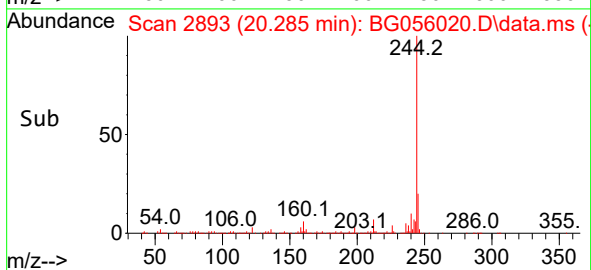
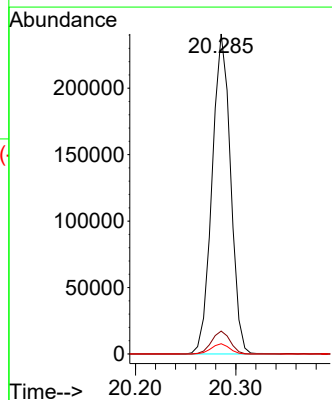
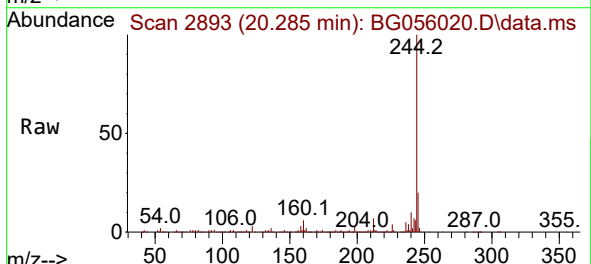
Instrument :
 BNA_G
 ClientSampleId :
 TP-S

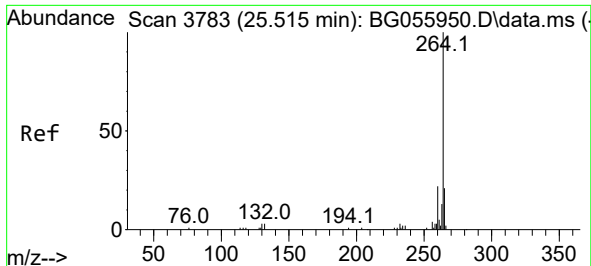
Tgt Ion:202	Resp:	16739
Ion Ratio	Lower	Upper
202	100	
200	19.9	16.7 25.1
203	18.8	14.6 21.8



#79
 Terphenyl-d14
 Concen: 66.048 ng
 RT: 20.285 min Scan# 2893
 Delta R.T. -0.006 min
 Lab File: BG056020.D
 Acq: 19 Dec 2022 19:30

Tgt Ion:244	Resp:	307659
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.8 8.6
122	3.2	2.5 3.7

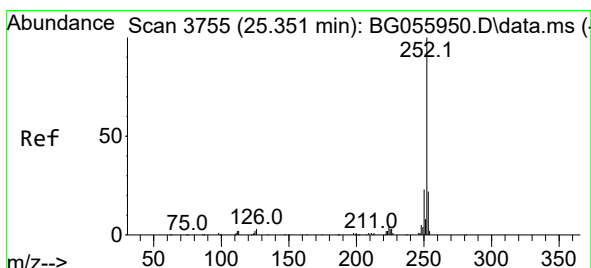
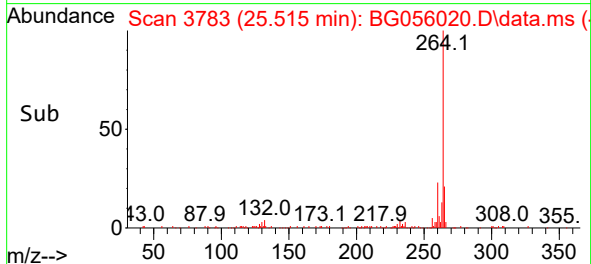
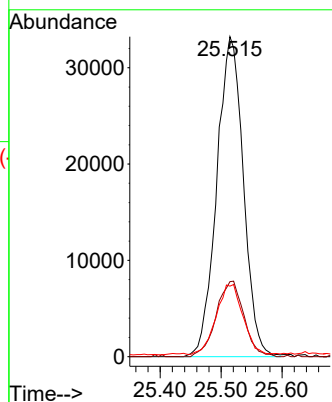
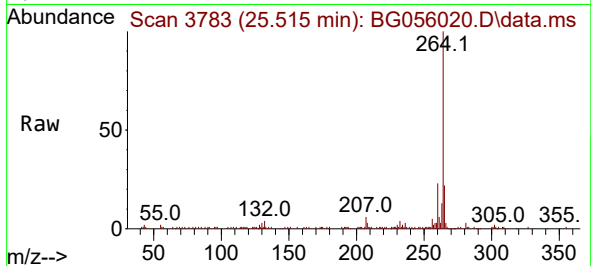




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.515 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Instrument :
BNA_G
ClientSampleId :
TP-S

Tgt Ion:264 Resp: 100770
Ion Ratio Lower Upper
264 100
260 23.5 17.8 26.8
265 22.0 16.6 25.0



#90
Benzo(a)pyrene
Concen: 2.052 ng
RT: 25.350 min Scan# 3755
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:252 Resp: 11311
Ion Ratio Lower Upper
252 100
253 28.4 17.7 26.5#
125 6.0 1.9 2.9#

