

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056010.D
 Acq On : 19 Dec 2022 11:35
 Operator : CG/JU
 Sample : PB149627BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BL

Quant Time: Dec 20 01:05:33 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)

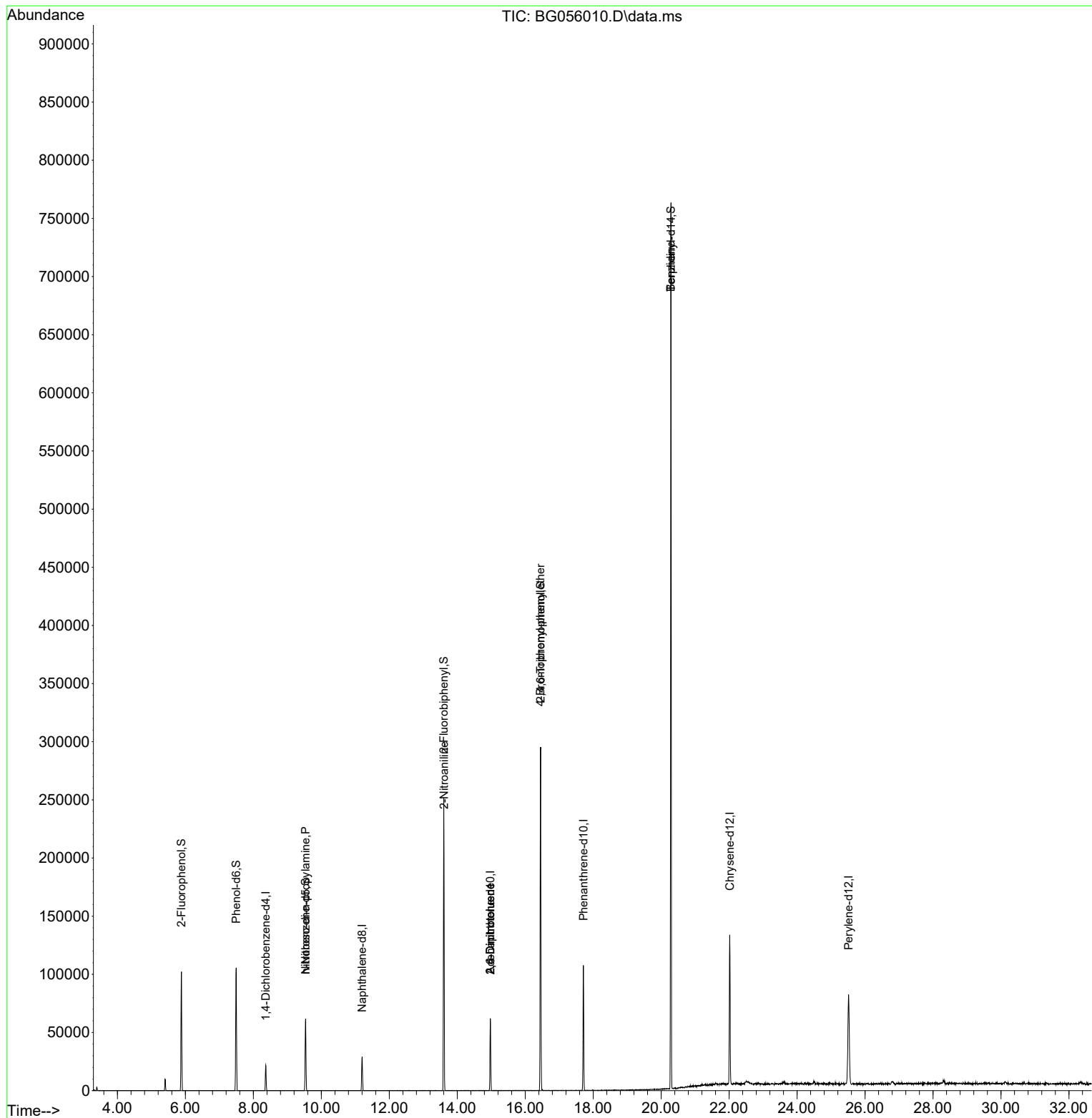
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	7136	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	26257	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	25804	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	76606	20.000	ng	0.00
76) Chrysene-d12	22.019	240	94724	20.000	ng	#-0.01
86) Perylene-d12	25.515	264	104508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	41659	136.908	ng	0.00
7) Phenol-d6	7.495	99	51290	131.059	ng	0.00
23) Nitrobenzene-d5	9.539	82	32899	87.560	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	79952	128.496	ng	0.00
45) 2-Fluorobiphenyl	13.605	172	134520	73.114	ng	0.00
79) Terphenyl-d14	20.291	244	431731	80.554	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.539	70	4924	17.553	ng	# 64
48) 2-Nitroaniline	13.611	65	131	3.255	ng	# 1
51) 2,6-Dinitrotoluene	14.974	165	3268	9.466	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	3268	6.271	ng	# 35
67) 4-Bromophenyl-phenylether	16.449	248	4517	4.024	ng	# 1
77) Benzidine	20.285	184	6402	3.848	ng	# 89

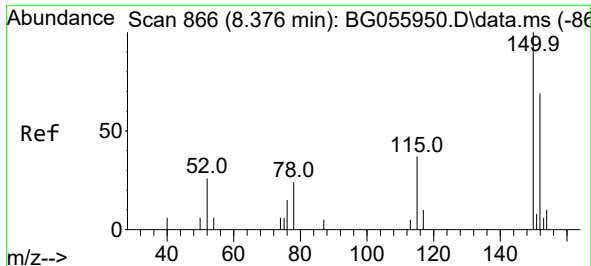
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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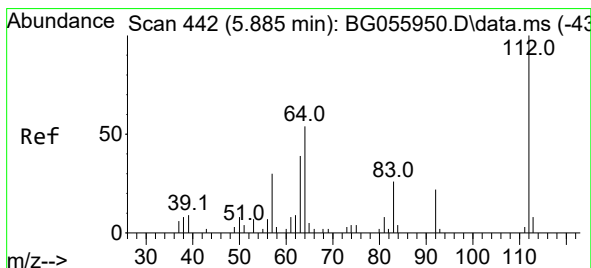
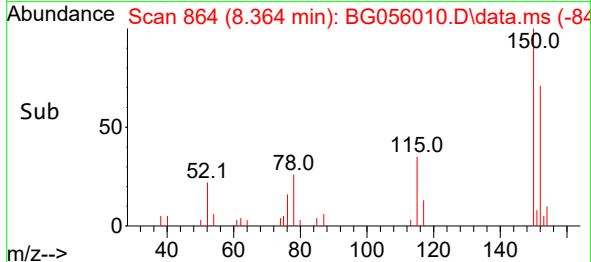
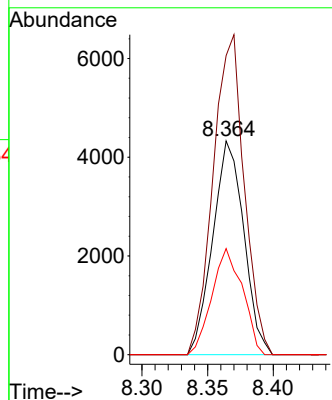
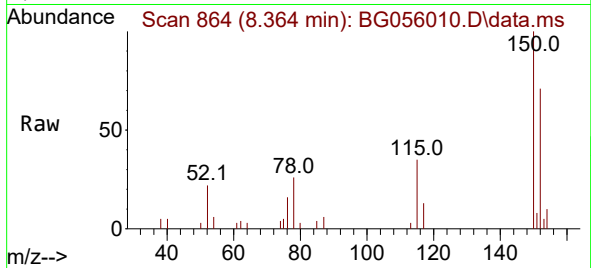




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 866
Delta R.T. 0.000 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

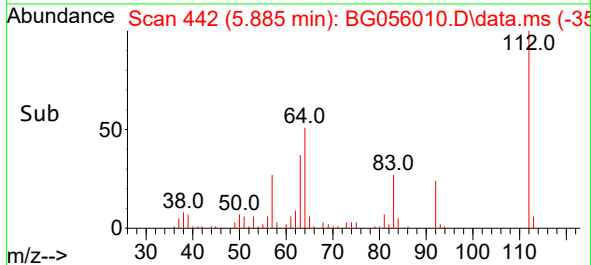
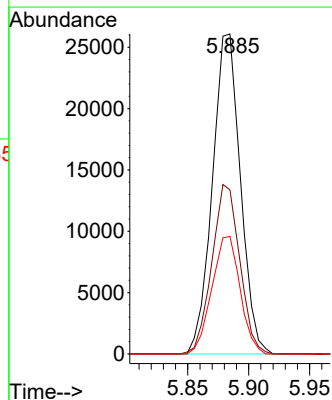
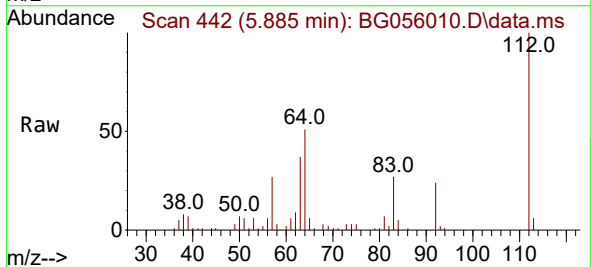
Instrument :
BNA_G
ClientSampleId :
PB149627BL

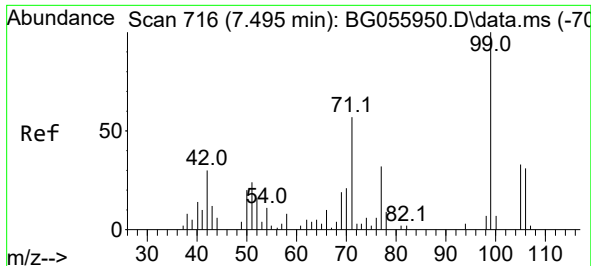
Tgt Ion:152 Resp: 7136
Ion Ratio Lower Upper
152 100
150 139.9 115.7 173.5
115 49.7 43.0 64.4



#5
2-Fluorophenol
Concen: 136.908 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.000 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion:112 Resp: 41659
Ion Ratio Lower Upper
112 100
64 51.3 43.0 64.4
63 36.7 31.4 47.2

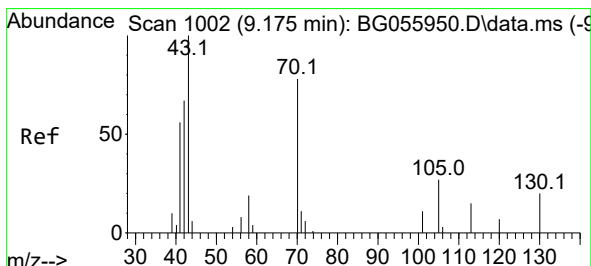
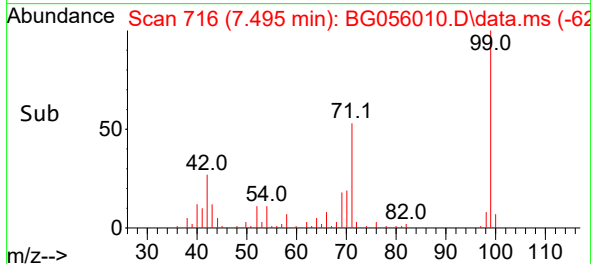
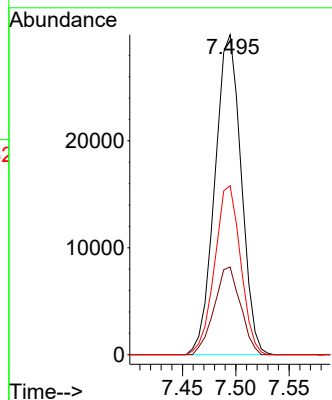
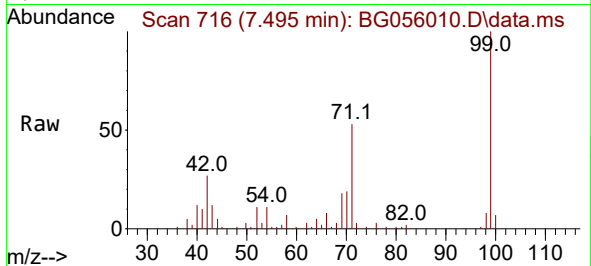




#7
Phenol-d6
Concen: 131.059 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

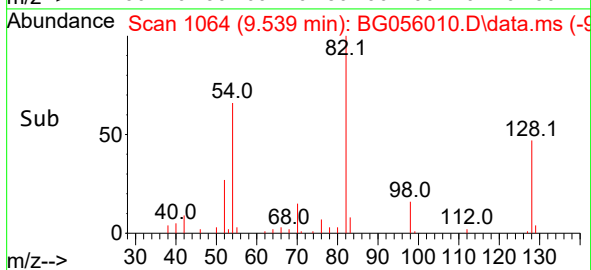
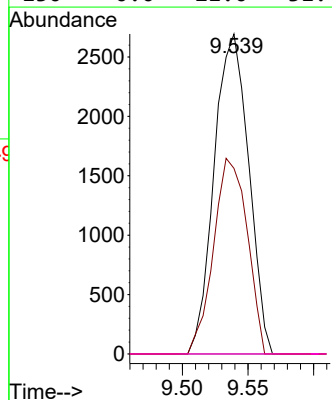
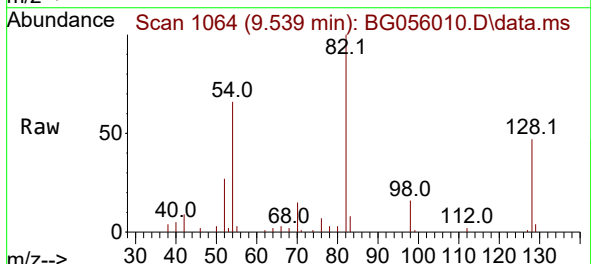
Instrument :
BNA_G
ClientSampleId :
PB149627BL

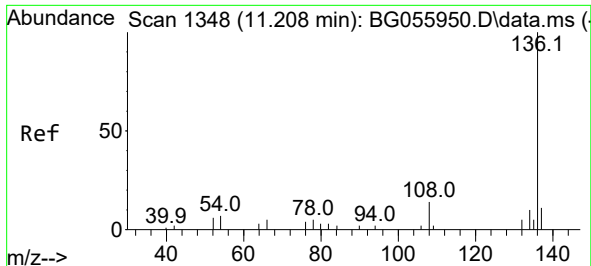
Tgt Ion: 99 Resp: 51290
Ion Ratio Lower Upper
99 100
42 27.4 24.3 36.5
71 52.8 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.553 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.364 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion: 70 Resp: 4924
Ion Ratio Lower Upper
70 100
42 58.0 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

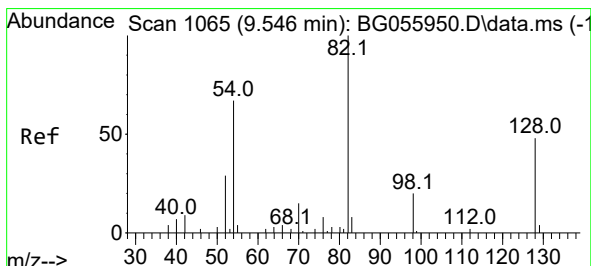
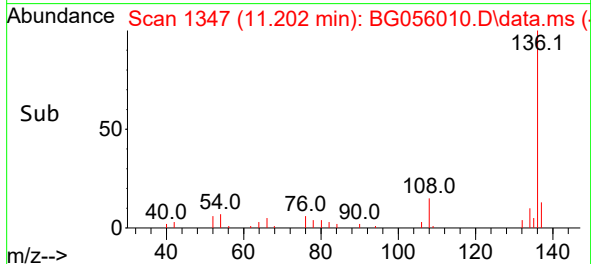
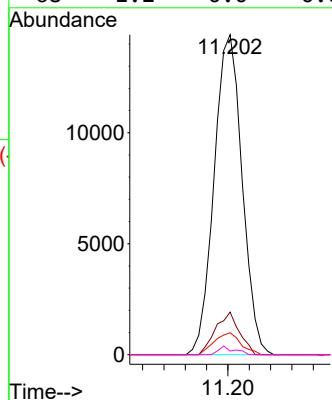
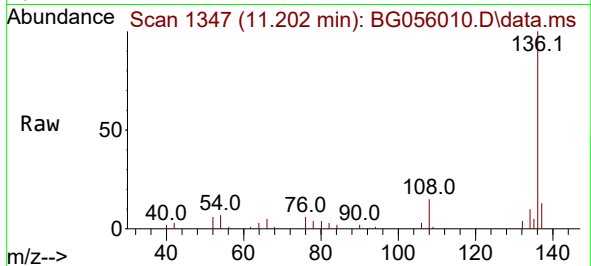




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

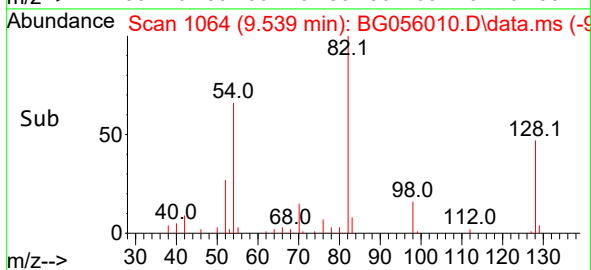
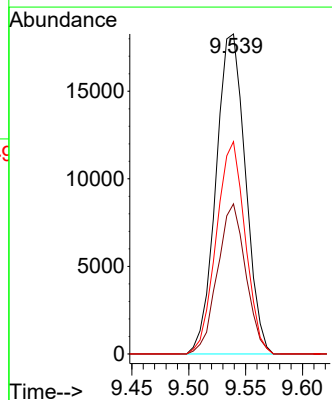
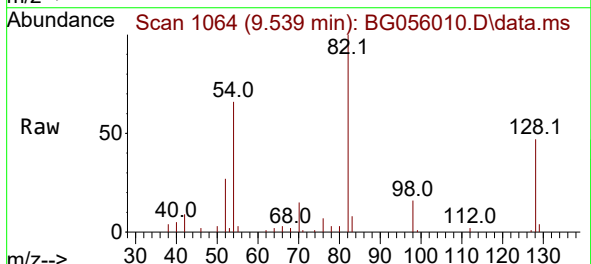
Instrument :
BNA_G
ClientSampleId :
PB149627BL

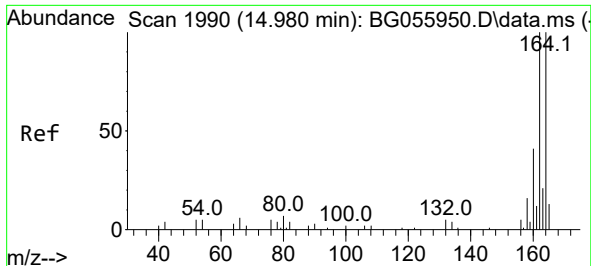
Tgt Ion:	136	Resp:	26257
Ion Ratio	Lower	Upper	
136	100		
137	13.3	9.2	13.8
54	6.8	5.6	8.4
68	1.2	0.0	0.0



#23
Nitrobenzene-d5
Concen: 87.560 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion:	82	Resp:	32899
Ion Ratio	Lower	Upper	
82	100		
128	46.9	38.4	57.6
54	66.3	53.3	79.9

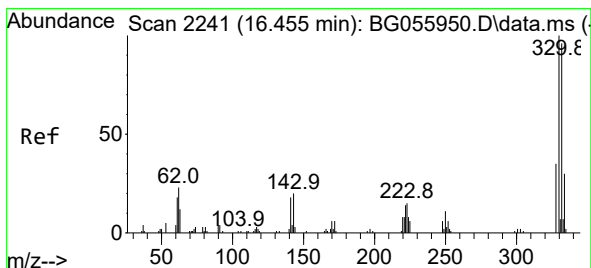
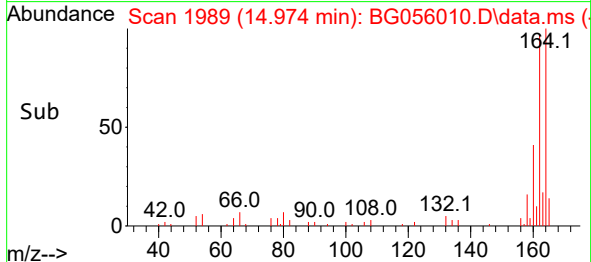
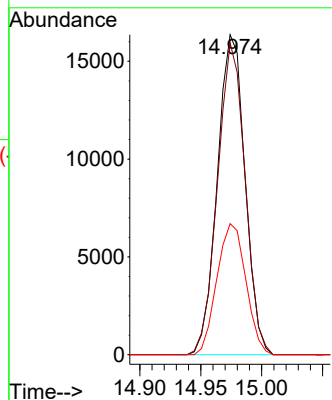
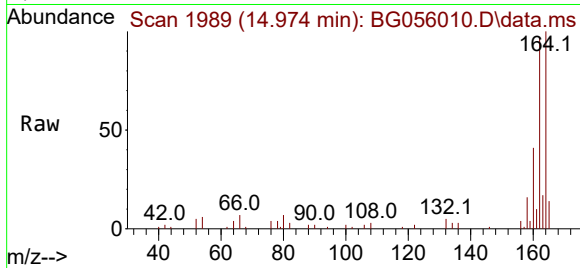




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

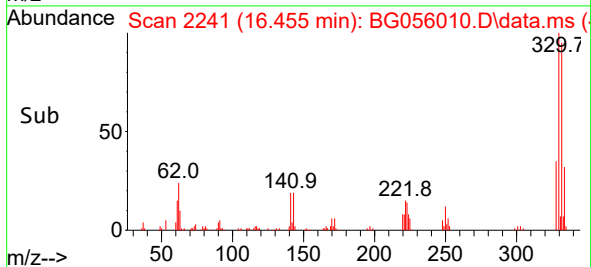
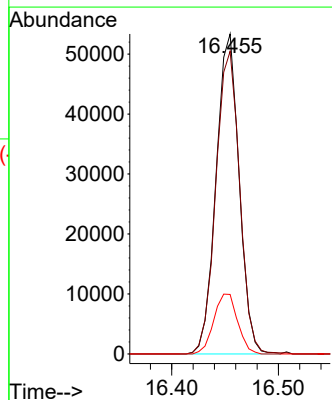
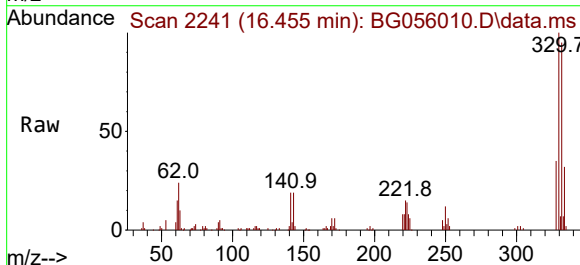
Instrument :
BNA_G
ClientSampleId :
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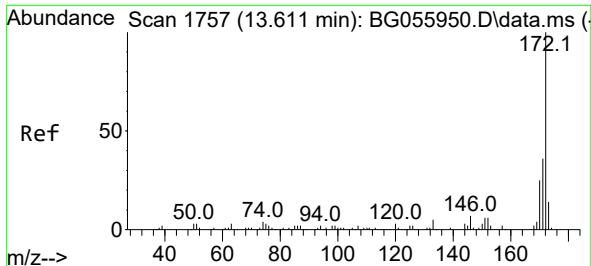
Tgt Ion:164 Resp: 25804
Ion Ratio Lower Upper
164 100
162 97.4 79.8 119.8
160 40.9 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 128.496 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion:330 Resp: 79952
Ion Ratio Lower Upper
330 100
332 97.6 76.6 114.8
141 19.3 15.0 22.4

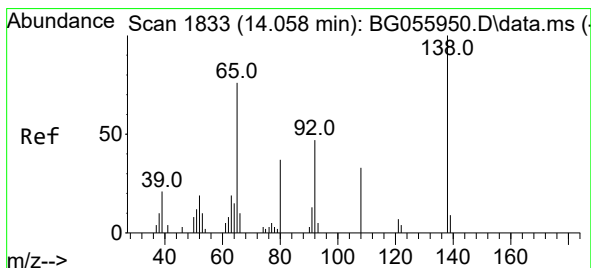
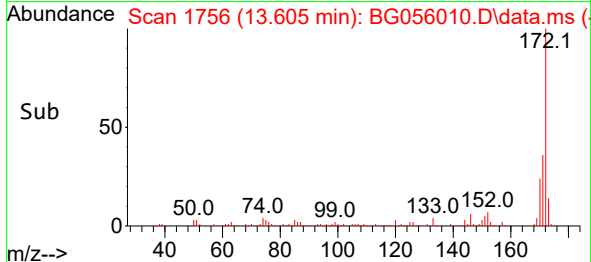
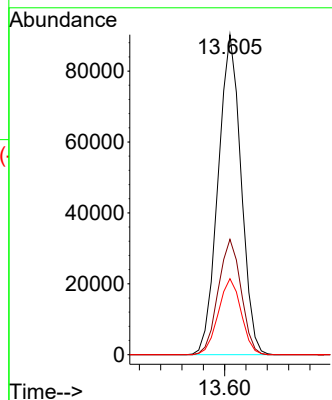
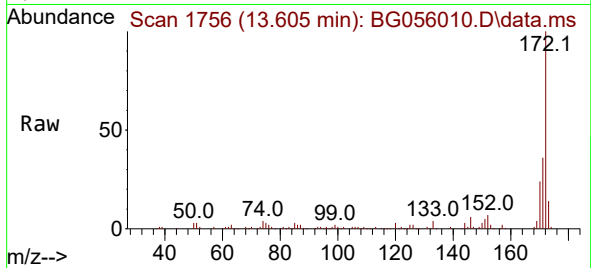




#45
2-Fluorobiphenyl
Concen: 73.114 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

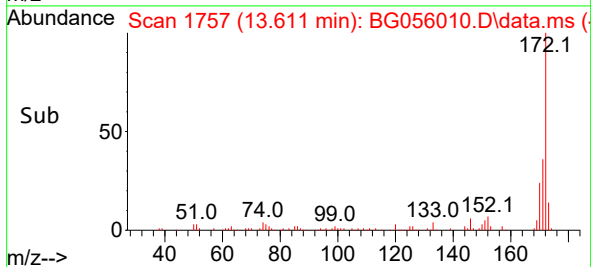
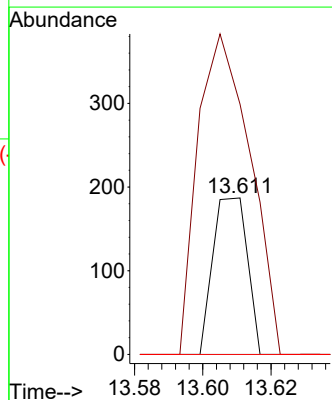
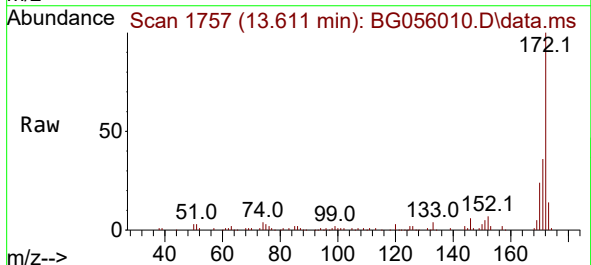
Instrument :
BNA_G
ClientSampleId :
PB149627BL

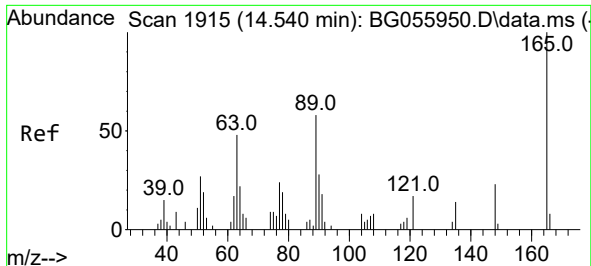
Tgt Ion:172 Resp: 134520
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.8 19.9 29.9



#48
2-Nitroaniline
Concen: 3.255 ng
RT: 13.611 min Scan# 1757
Delta R.T. -0.446 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion: 65 Resp: 131
Ion Ratio Lower Upper
65 100
92 159.9 49.7 74.5#
138 0.0 105.0 157.6#

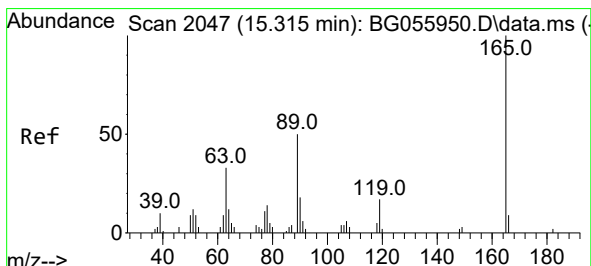
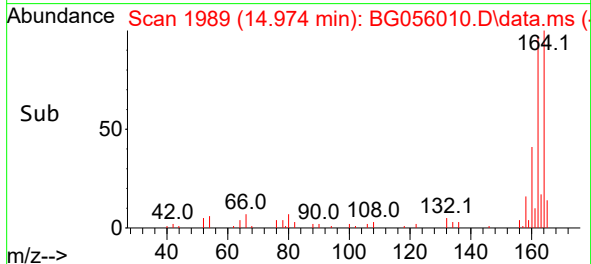
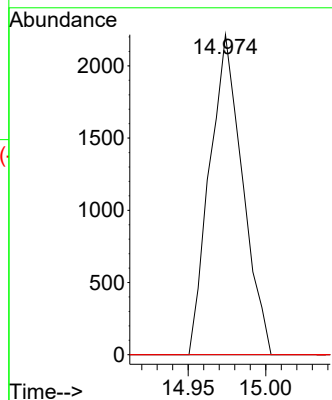
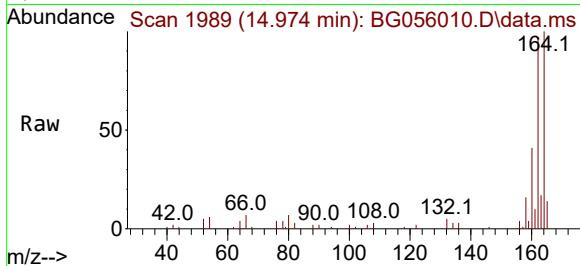




#51
2,6-Dinitrotoluene
Concen: 9.466 ng
RT: 14.974 min Scan# 1915
Delta R.T. 0.435 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

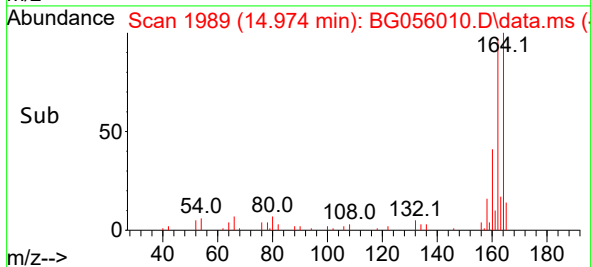
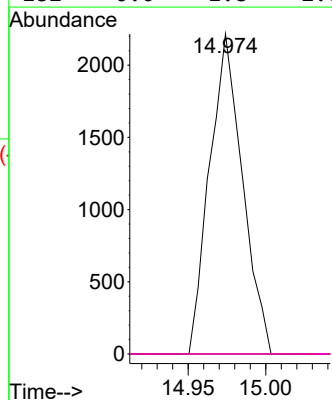
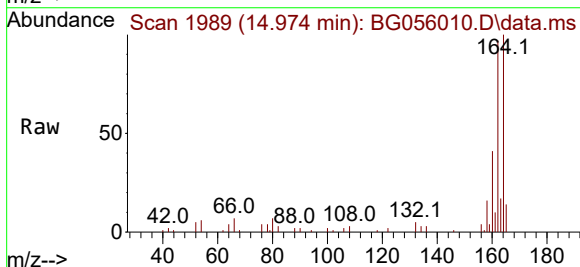
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ClientSampleId :
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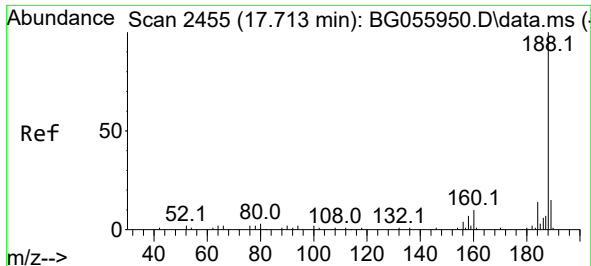
Tgt Ion:165 Resp: 3268
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.271 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.346 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion:165 Resp: 3268
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#

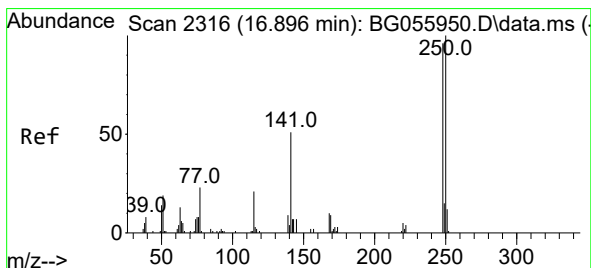
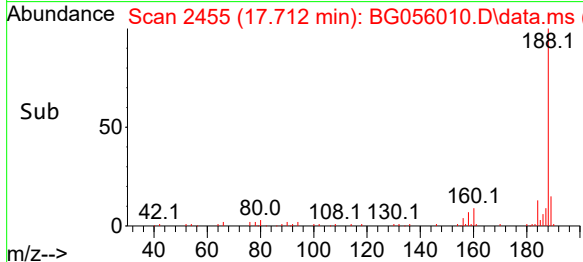
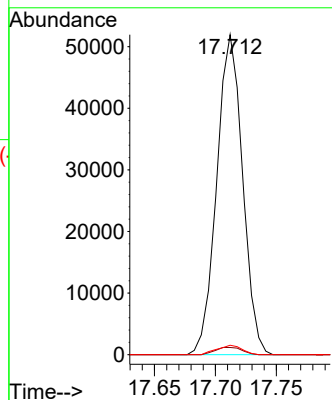
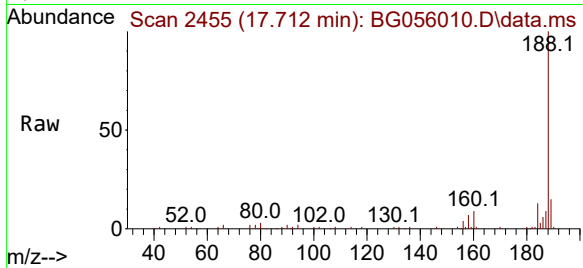




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

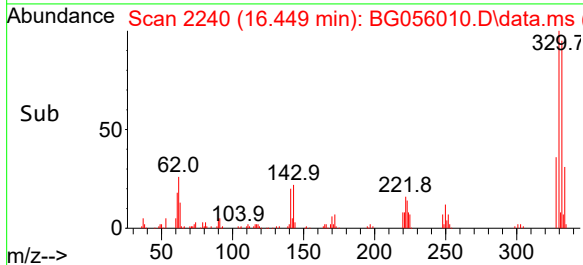
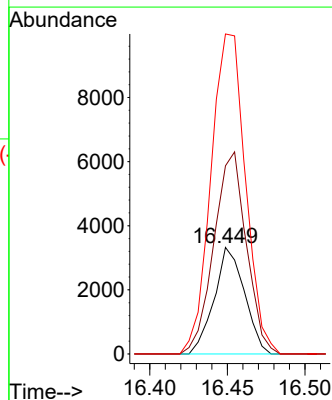
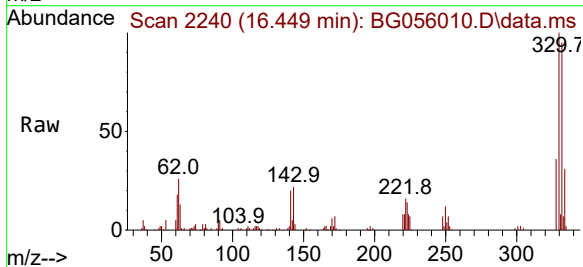
Instrument :
BNA_G
ClientSampleId :
PB149627BL

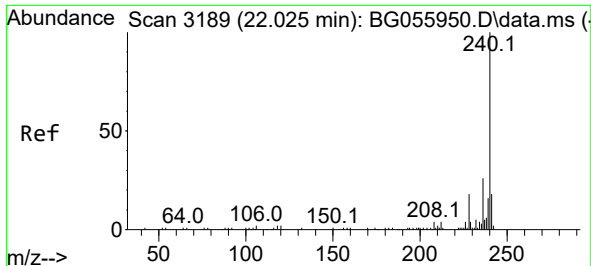
Tgt Ion:188 Resp: 76606
Ion Ratio Lower Upper
188 100
94 2.2 1.8 2.8
80 2.9 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.024 ng
RT: 16.449 min Scan# 2240
Delta R.T. -0.446 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion:248 Resp: 4517
Ion Ratio Lower Upper
248 100
250 176.6 83.0 124.6#
141 300.4 42.6 64.0#

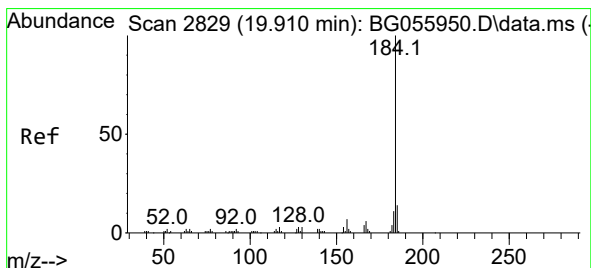
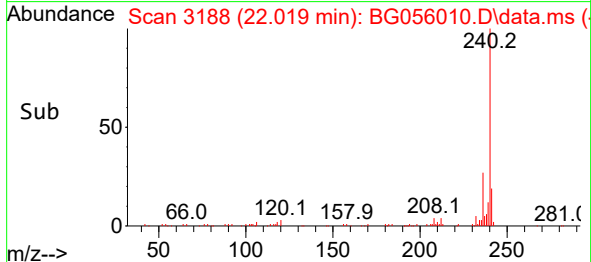
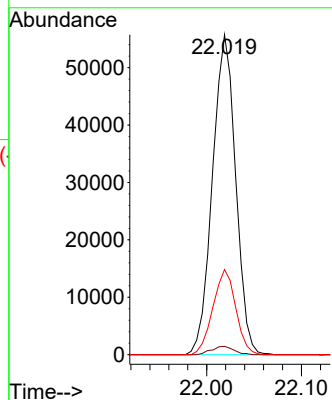
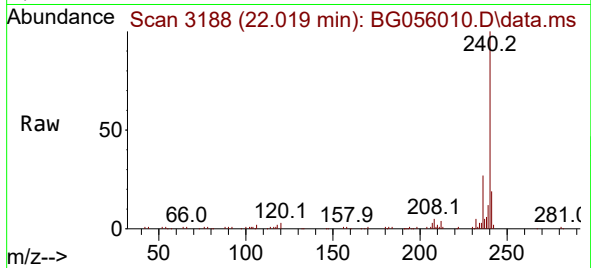




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.012 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

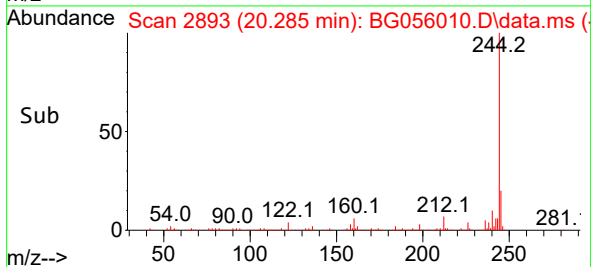
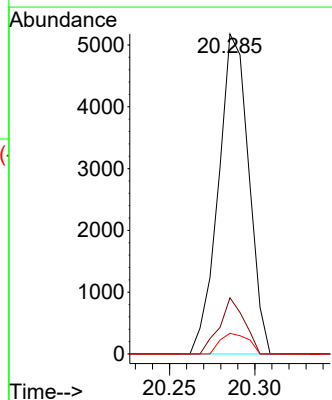
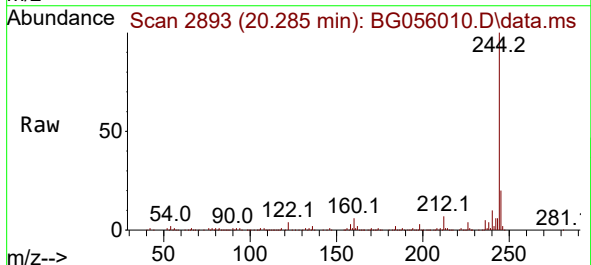
Instrument :
BNA_G
ClientSampleId :
PB149627BL

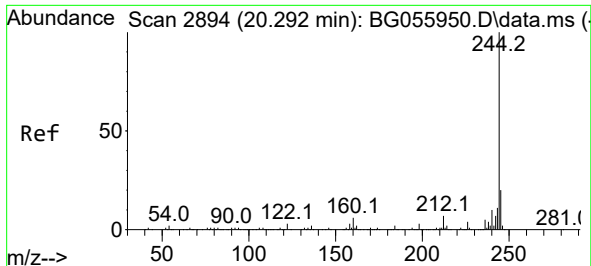
Tgt Ion:240 Resp: 94724
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 26.6 21.1 31.7



#77
Benzidine
Concen: 3.848 ng
RT: 20.285 min Scan# 2893
Delta R.T. 0.370 min
Lab File: BG056010.D
Acq: 19 Dec 2022 11:35

Tgt Ion:184 Resp: 6402
Ion Ratio Lower Upper
184 100
185 17.5 10.9 16.3#
183 6.4 9.2 13.8#

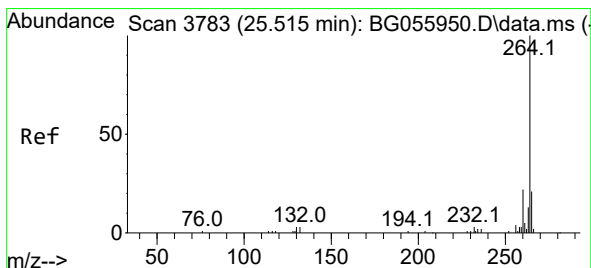
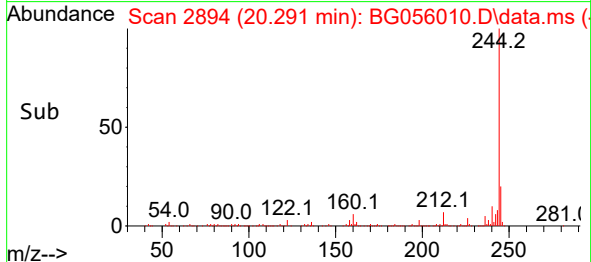
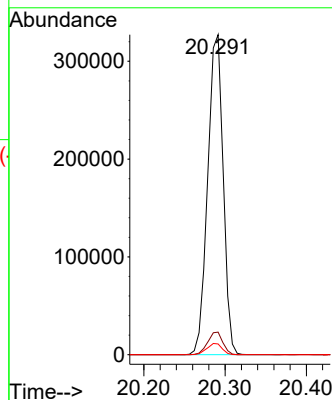
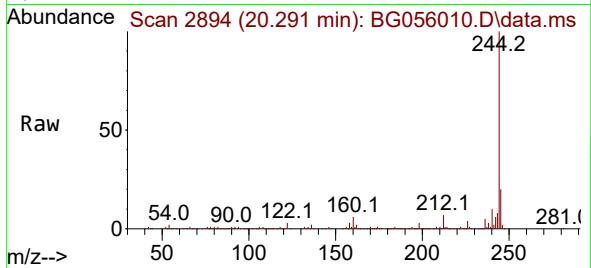




#79
 Terphenyl-d14
 Concen: 80.554 ng
 RT: 20.291 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056010.D
 Acq: 19 Dec 2022 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BL

Tgt Ion:244 Resp: 431731
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.3 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.515 min Scan# 3783
 Delta R.T. -0.012 min
 Lab File: BG056010.D
 Acq: 19 Dec 2022 11:35

Tgt Ion:264 Resp: 104508
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.8
 265 20.4 16.6 25.0

