

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056070.D
 Acq On : 22 Dec 2022 20:22
 Operator : CG/JU
 Sample : PB149805BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149805BL

Quant Time: Dec 23 05:21:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

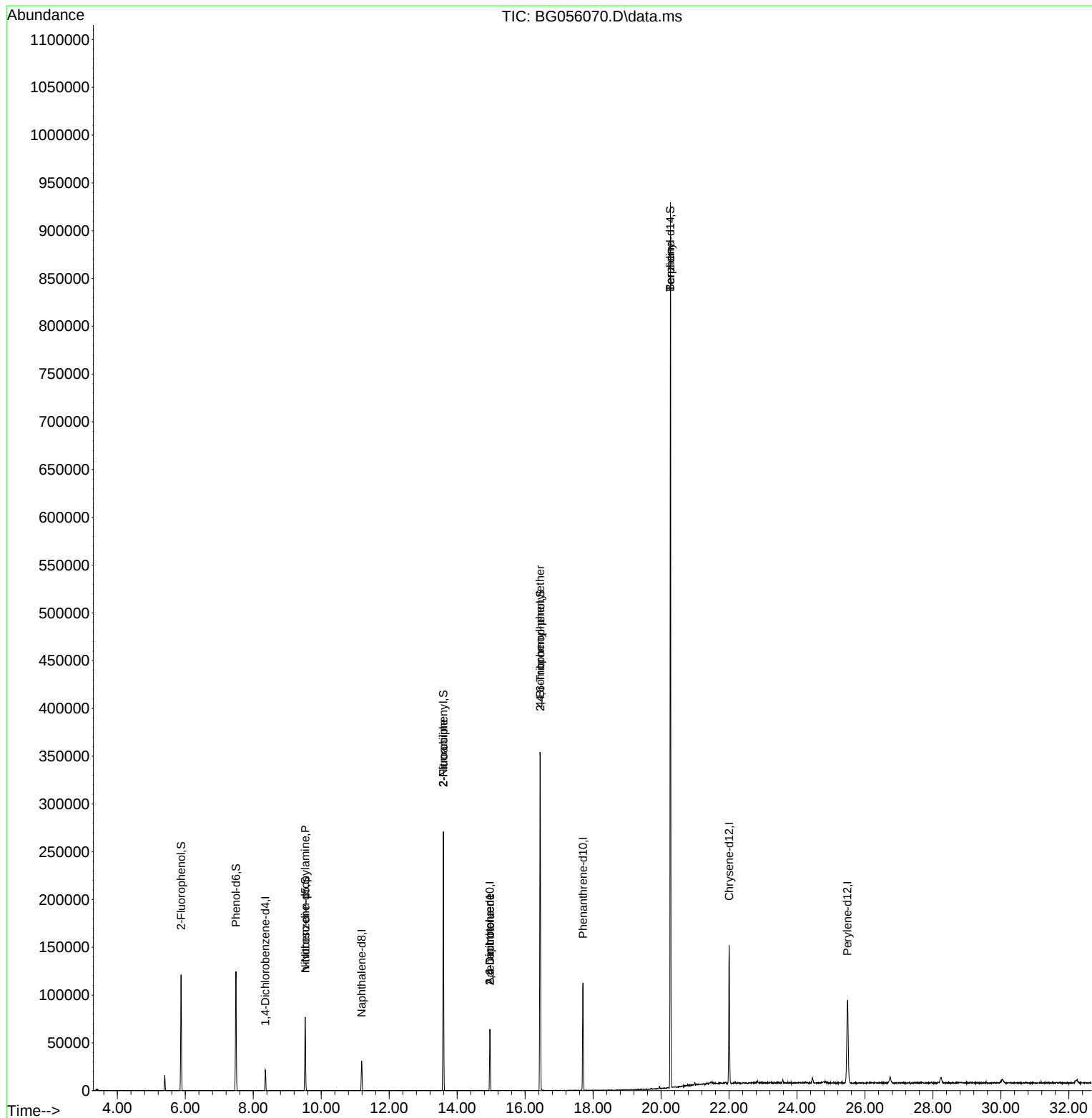
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	6962	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	28312	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	26526	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	83181	20.000	ng	# 0.00
76) Chrysene-d12	22.001	240	105835	20.000	ng	-0.01
86) Perylene-d12	25.486	264	115548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	47706	160.700	ng	0.00
7) Phenol-d6	7.489	99	59135	154.881	ng	0.00
23) Nitrobenzene-d5	9.528	82	39983	98.689	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	97295	152.113	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	150582	79.616	ng	0.00
79) Terphenyl-d14	20.274	244	512958	85.661	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.528	70	6284	22.961	ng	# 64
48) 2-Nitroaniline	13.594	65	160	3.338	ng	# 3
51) 2,6-Dinitrotoluene	14.963	165	3085	8.693	ng	# 25
57) 2,4-Dinitrotoluene	14.963	165	3085	5.759	ng	# 35
67) 4-Bromophenyl-phenylether	16.437	248	5736	4.706	ng	# 1
77) Benzidine	20.274	184	7350	3.955	ng	# 94

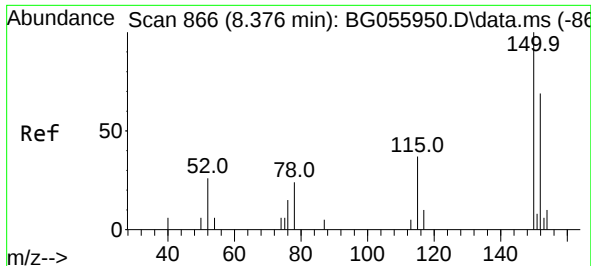
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

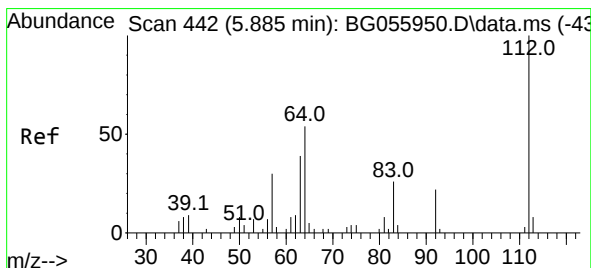
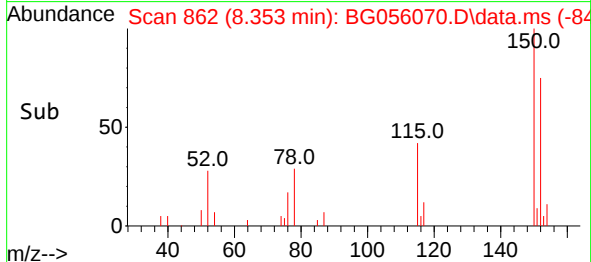
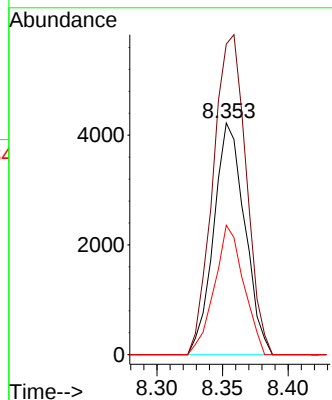
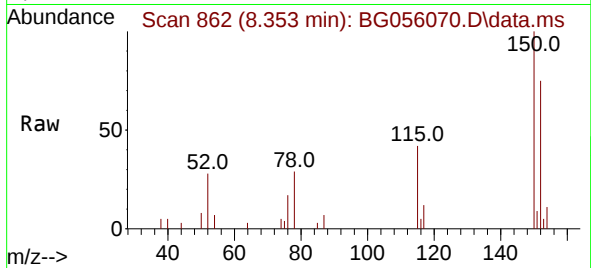




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

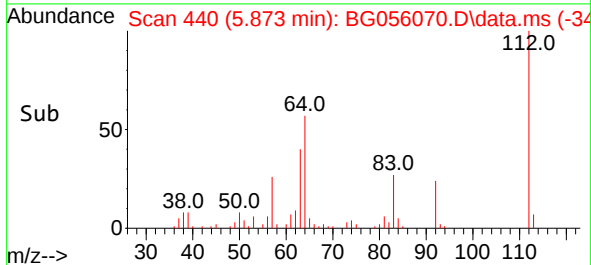
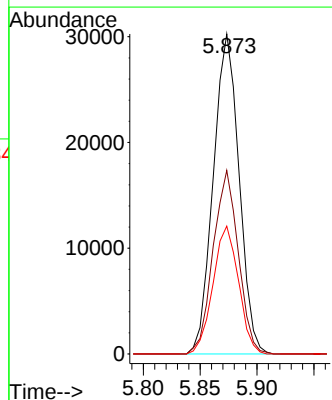
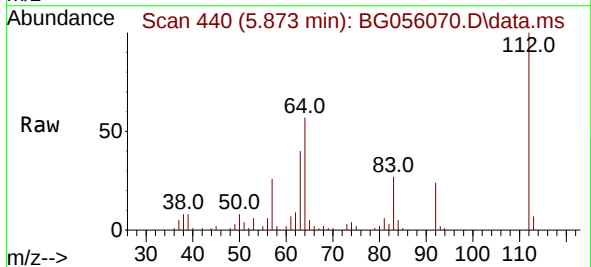
Instrument :
BNA_G
ClientSampleId :
PB149805BL

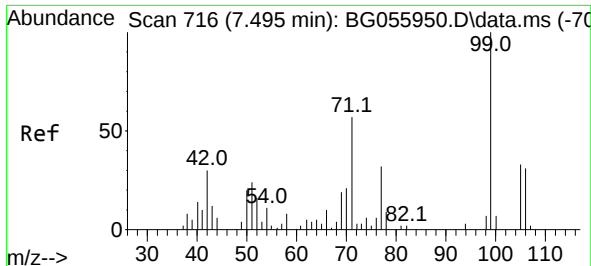
Tgt Ion:152 Resp: 6962
Ion Ratio Lower Upper
152 100
150 134.1 115.7 173.5
115 55.9 43.0 64.4



#5
2-Fluorophenol
Concen: 160.700 ng
RT: 5.873 min Scan# 440
Delta R.T. 0.006 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion:112 Resp: 47706
Ion Ratio Lower Upper
112 100
64 57.4 43.0 64.4
63 39.9 31.4 47.2

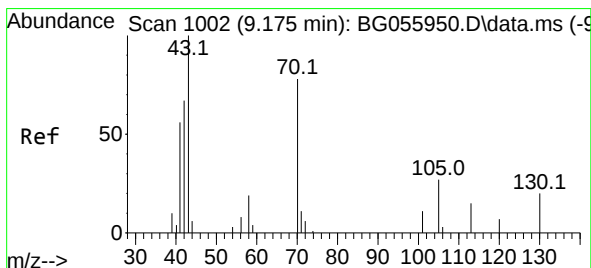
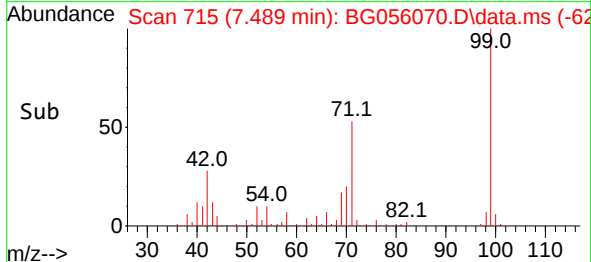
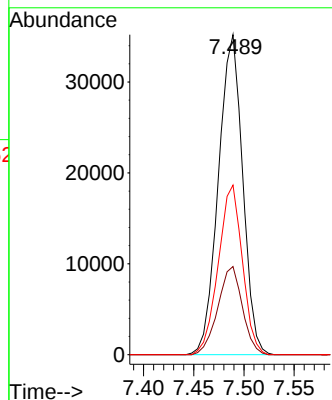
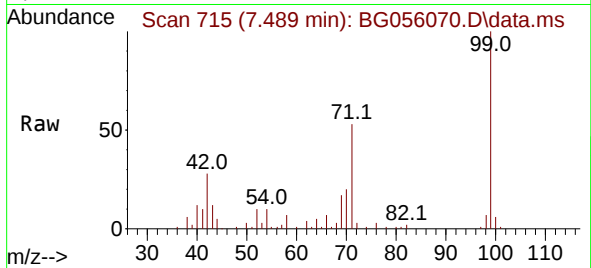




#7
Phenol-d6
Concen: 154.881 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

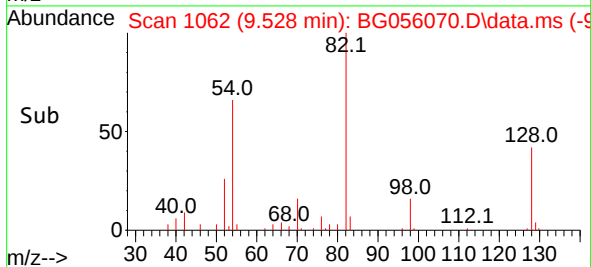
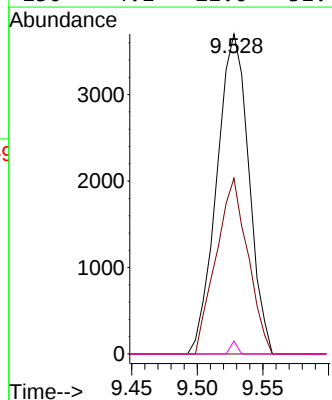
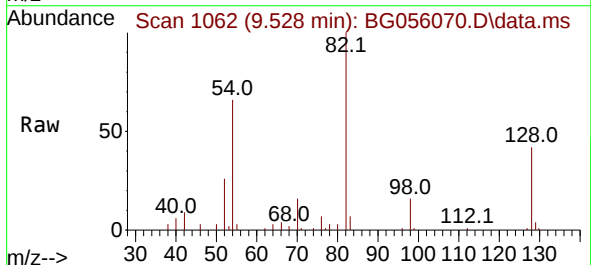
Instrument :
BNA_G
ClientSampleId :
PB149805BL

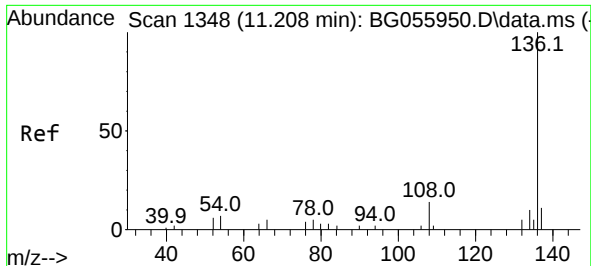
Tgt Ion: 99 Resp: 59135
Ion Ratio Lower Upper
99 100
42 27.6 24.3 36.5
71 53.0 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.961 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.370 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion: 70 Resp: 6284
Ion Ratio Lower Upper
70 100
42 54.9 69.0 103.4#
101 0.0 11.8 17.8#
130 4.1 21.0 31.4#

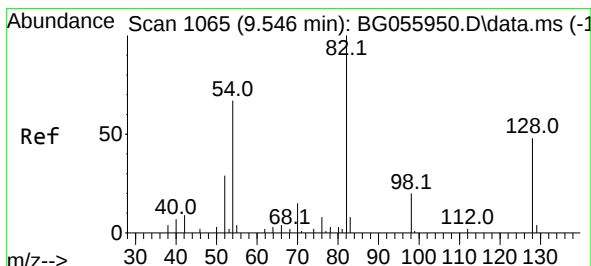
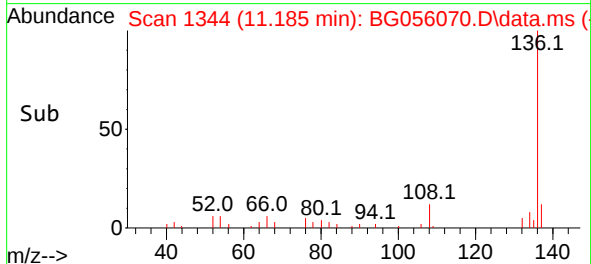
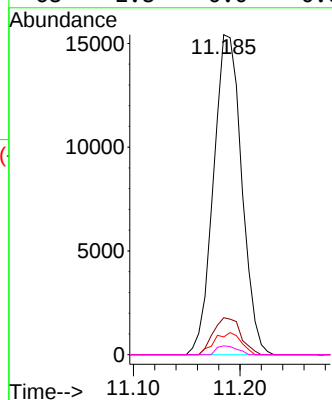
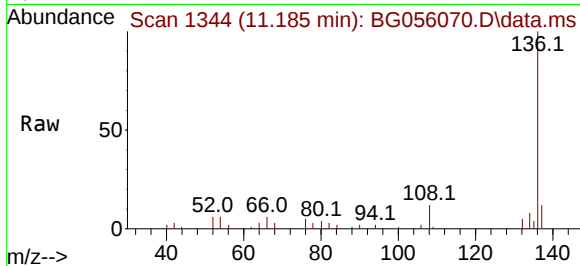




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

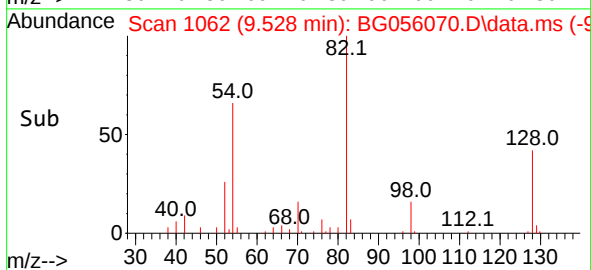
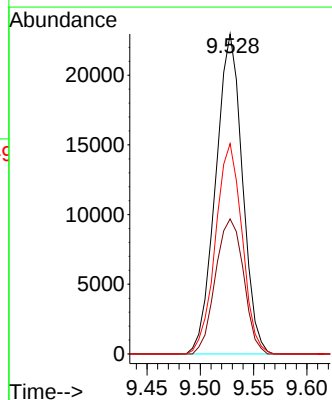
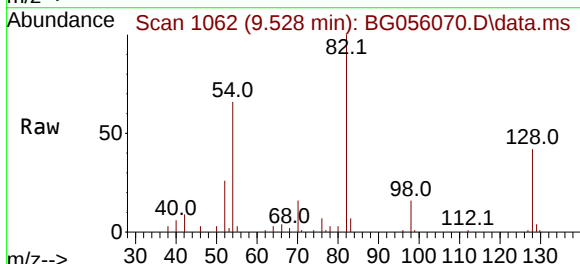
Instrument :
BNA_G
ClientSampleId :
PB149805BL

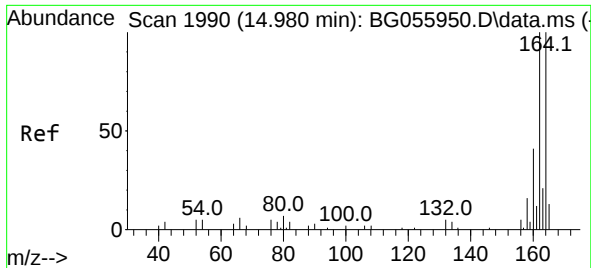
Tgt Ion:	136	Resp:	28312
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	5.6	5.6	8.4#
68	2.8	0.0	0.0#



#23
Nitrobenzene-d5
Concen: 98.689 ng
RT: 9.528 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion:	82	Resp:	39983
Ion Ratio	Lower	Upper	
82	100		
128	42.2	38.4	57.6
54	65.7	53.3	79.9

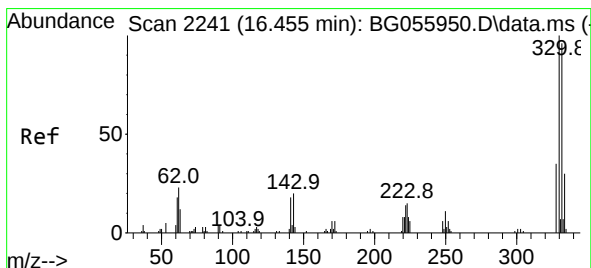
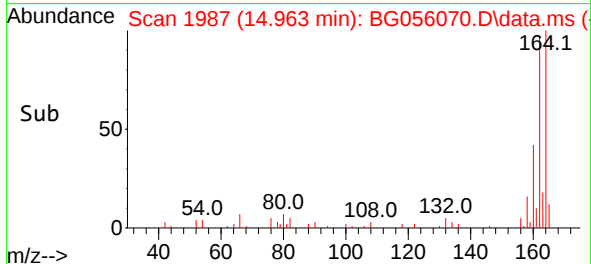
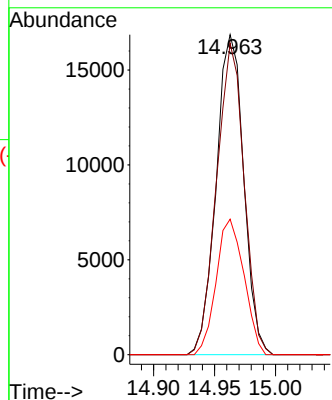
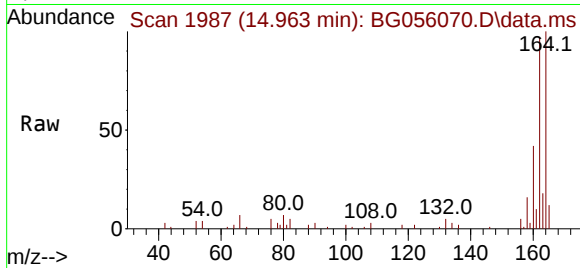




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

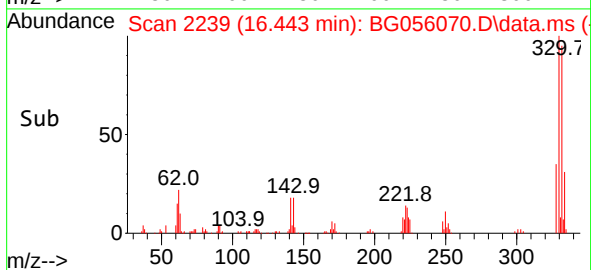
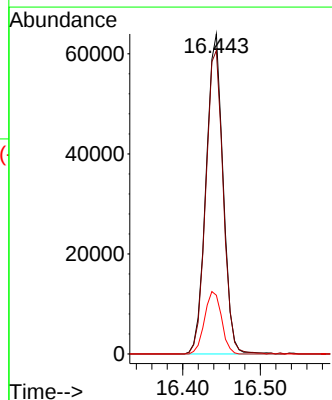
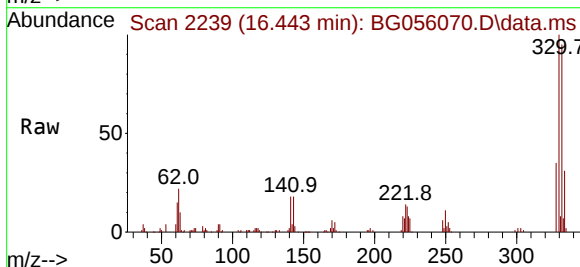
Instrument :
BNA_G
ClientSampleId :
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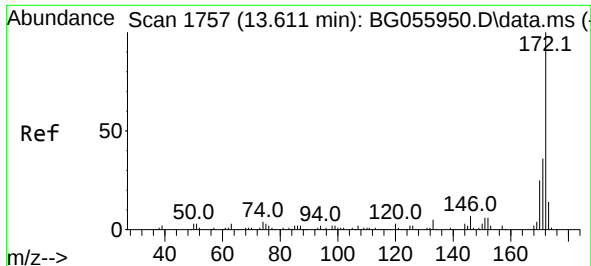
Tgt Ion:164 Resp: 26526
Ion Ratio Lower Upper
164 100
162 97.3 79.8 119.8
160 42.3 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 152.113 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion:330 Resp: 97295
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 19.4 15.0 22.4

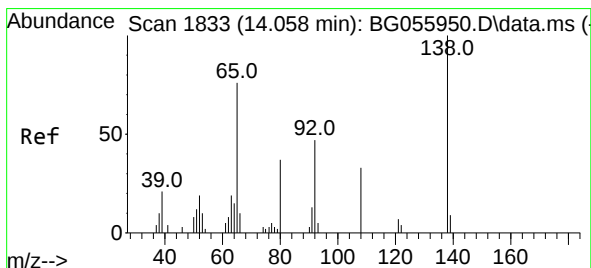
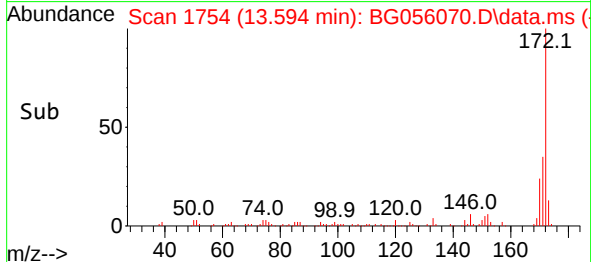
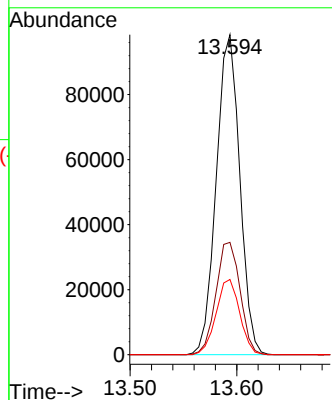
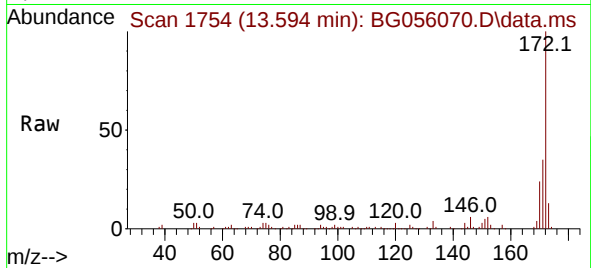




#45
2-Fluorobiphenyl
Concen: 79.616 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

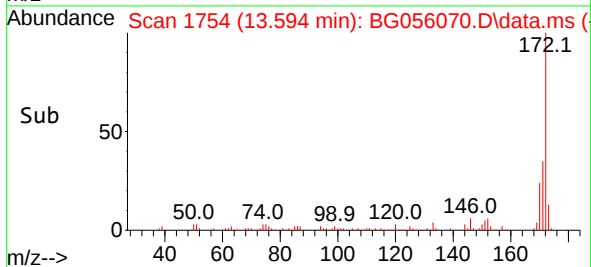
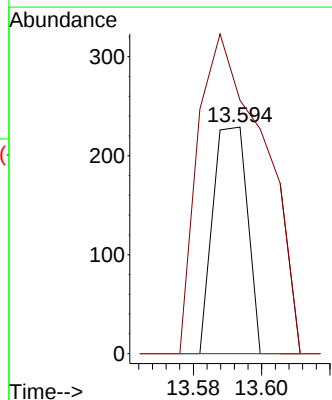
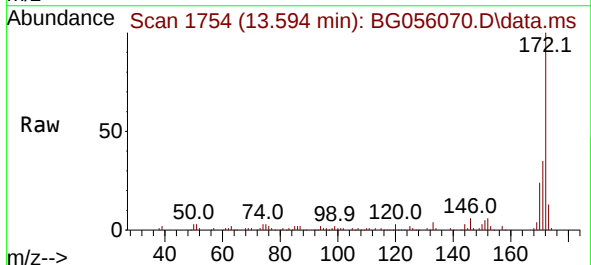
Instrument :
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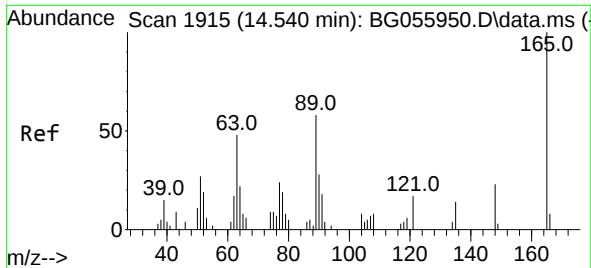
Tgt Ion:172 Resp: 150582
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.5 19.9 29.9



#48
2-Nitroaniline
Concen: 3.338 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.453 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion: 65 Resp: 160
Ion Ratio Lower Upper
65 100
92 111.8 49.7 74.5#
138 0.0 105.0 157.6#

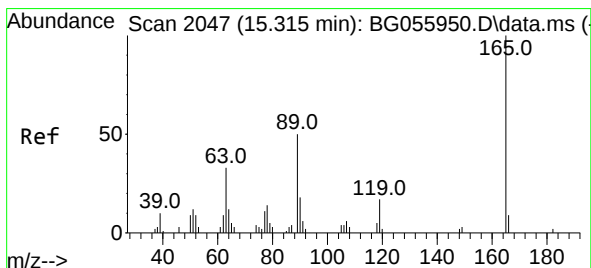
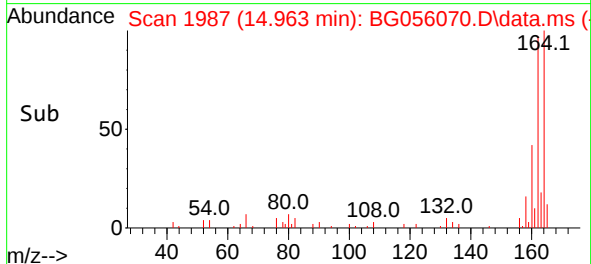
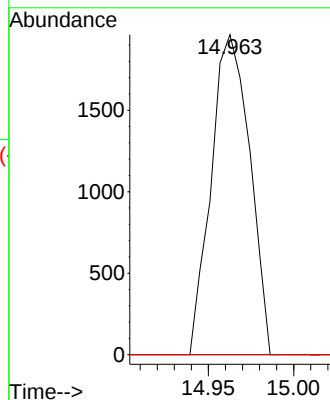
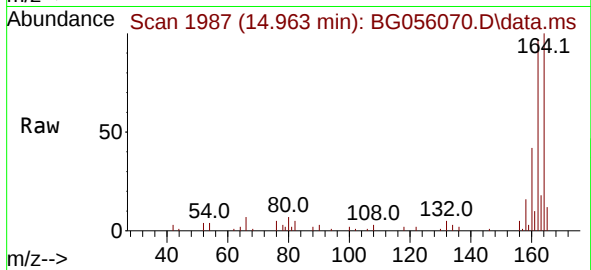




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 14.963 min Scan# 1915
Delta R.T. 0.434 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

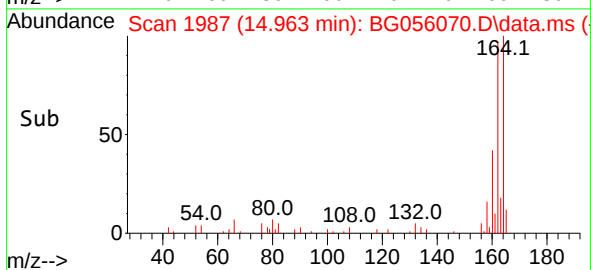
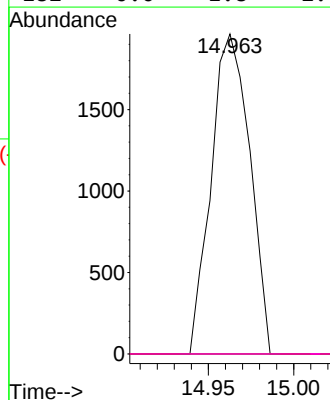
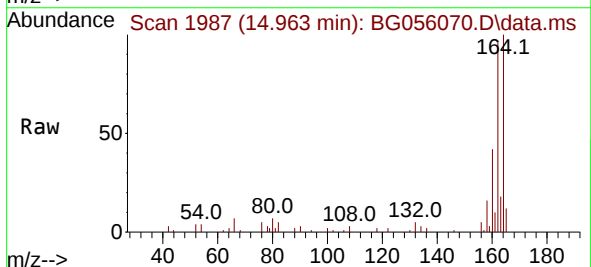
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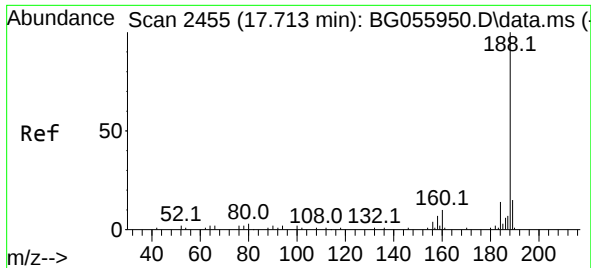
Tgt Ion:165 Resp: 3085
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.353 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion:165 Resp: 3085
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#

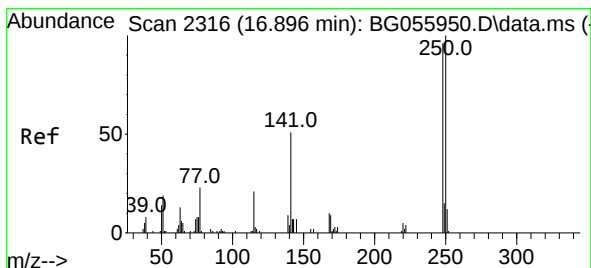
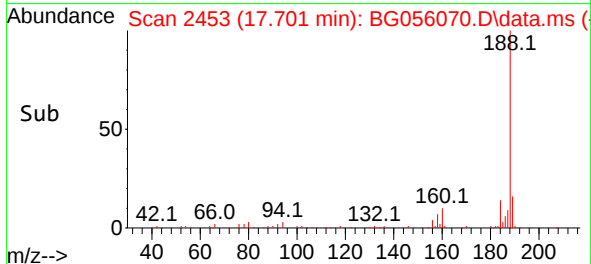
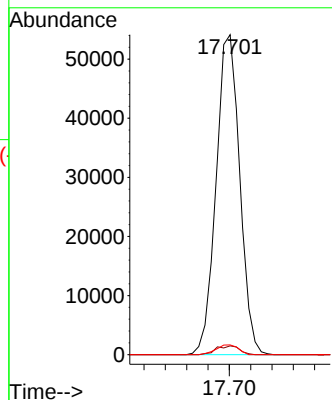
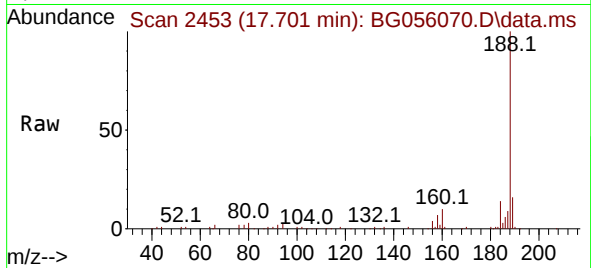




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

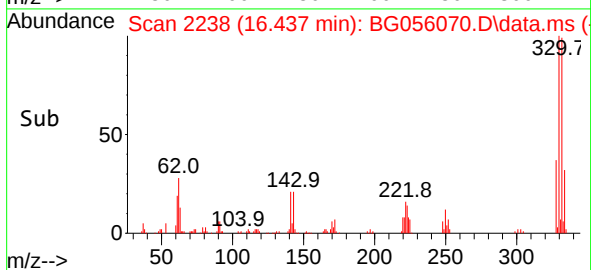
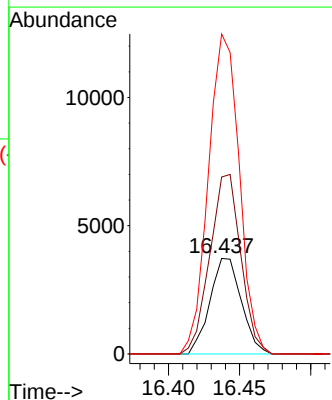
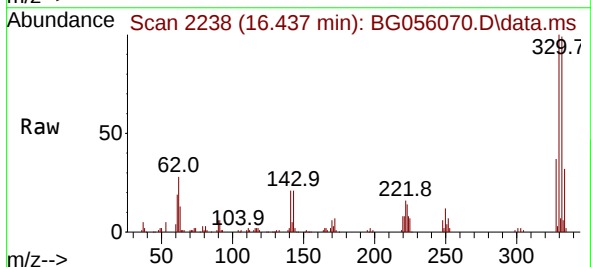
Instrument :
BNA_G
ClientSampleId :
PB149805BL

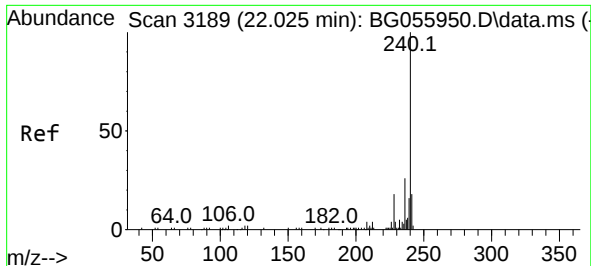
Tgt Ion:188 Resp: 83181
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 3.0 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.706 ng
RT: 16.437 min Scan# 2238
Delta R.T. -0.447 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion:248 Resp: 5736
Ion Ratio Lower Upper
248 100
250 185.1 83.0 124.6#
141 334.7 42.6 64.0#

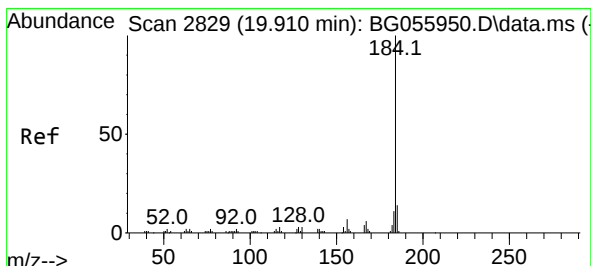
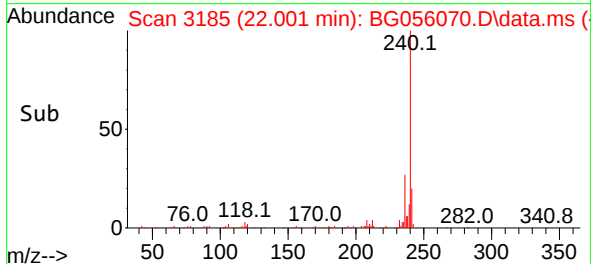
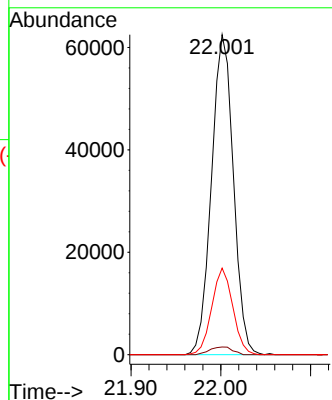
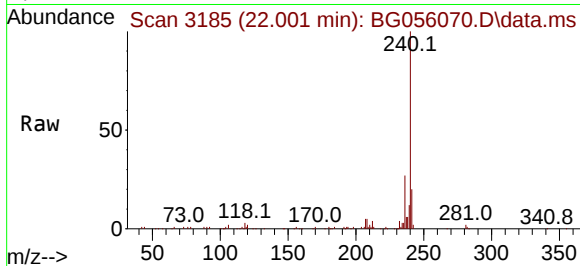




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3185
Delta R.T. -0.012 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

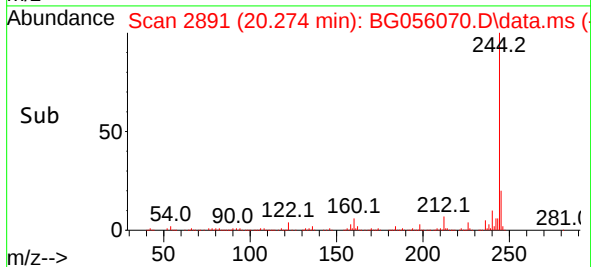
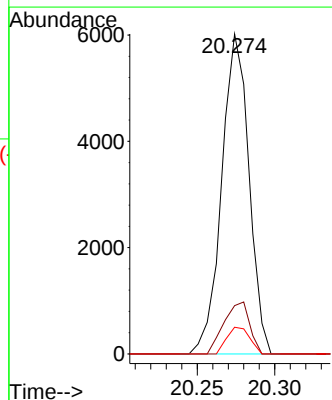
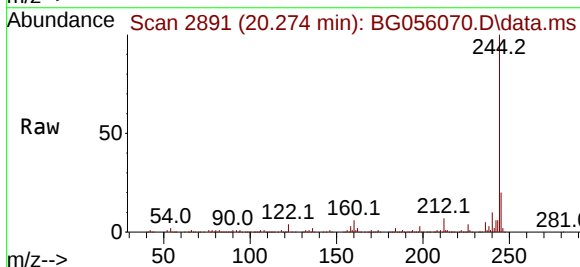
Instrument :
BNA_G
ClientSampleId :
PB149805BL

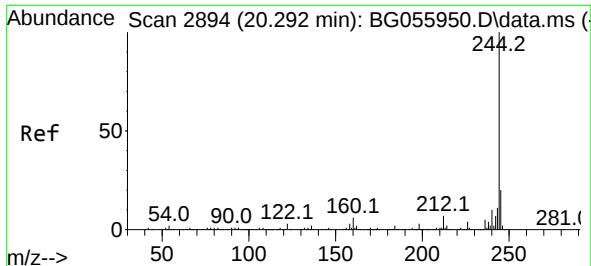
Tgt Ion:240 Resp: 105835
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 27.1 21.1 31.7



#77
Benzidine
Concen: 3.955 ng
RT: 20.274 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG056070.D
Acq: 22 Dec 2022 20:22

Tgt Ion:184 Resp: 7350
Ion Ratio Lower Upper
184 100
185 15.1 10.9 16.3
183 8.3 9.2 13.8#

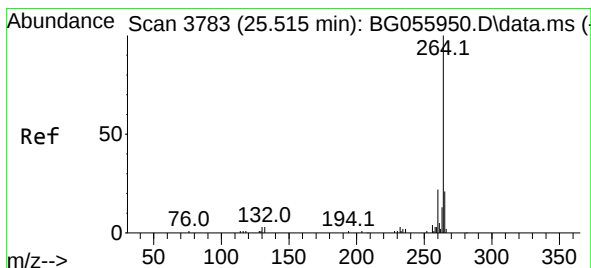
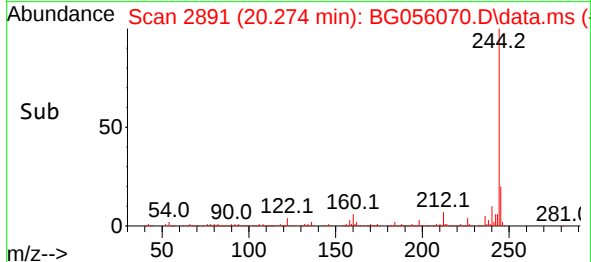
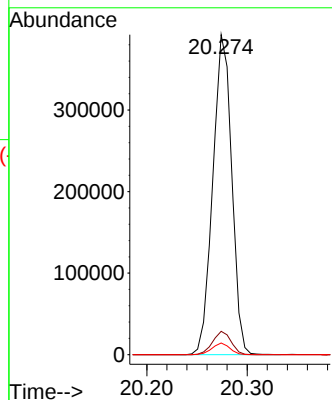
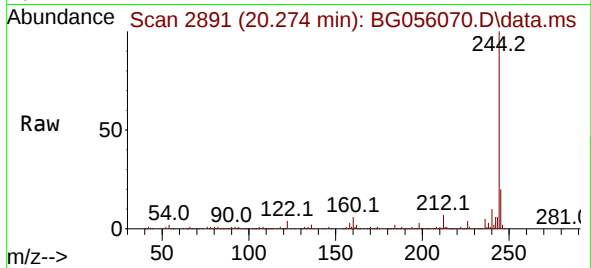




#79
 Terphenyl-d14
 Concen: 85.661 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056070.D
 Acq: 22 Dec 2022 20:22

Instrument :
 BNA_G
 ClientSampleId :
 PB149805BL

Tgt Ion:244 Resp: 512958
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.7 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.486 min Scan# 3778
 Delta R.T. -0.006 min
 Lab File: BG056070.D
 Acq: 22 Dec 2022 20:22

Tgt Ion:264 Resp: 115548
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.8
 265 20.8 16.6 25.0

