

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056196.D
 Acq On : 3 Jan 2023 21:48
 Operator : CG/JU
 Sample : N6233-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124019

Quant Time: Jan 04 02:16:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

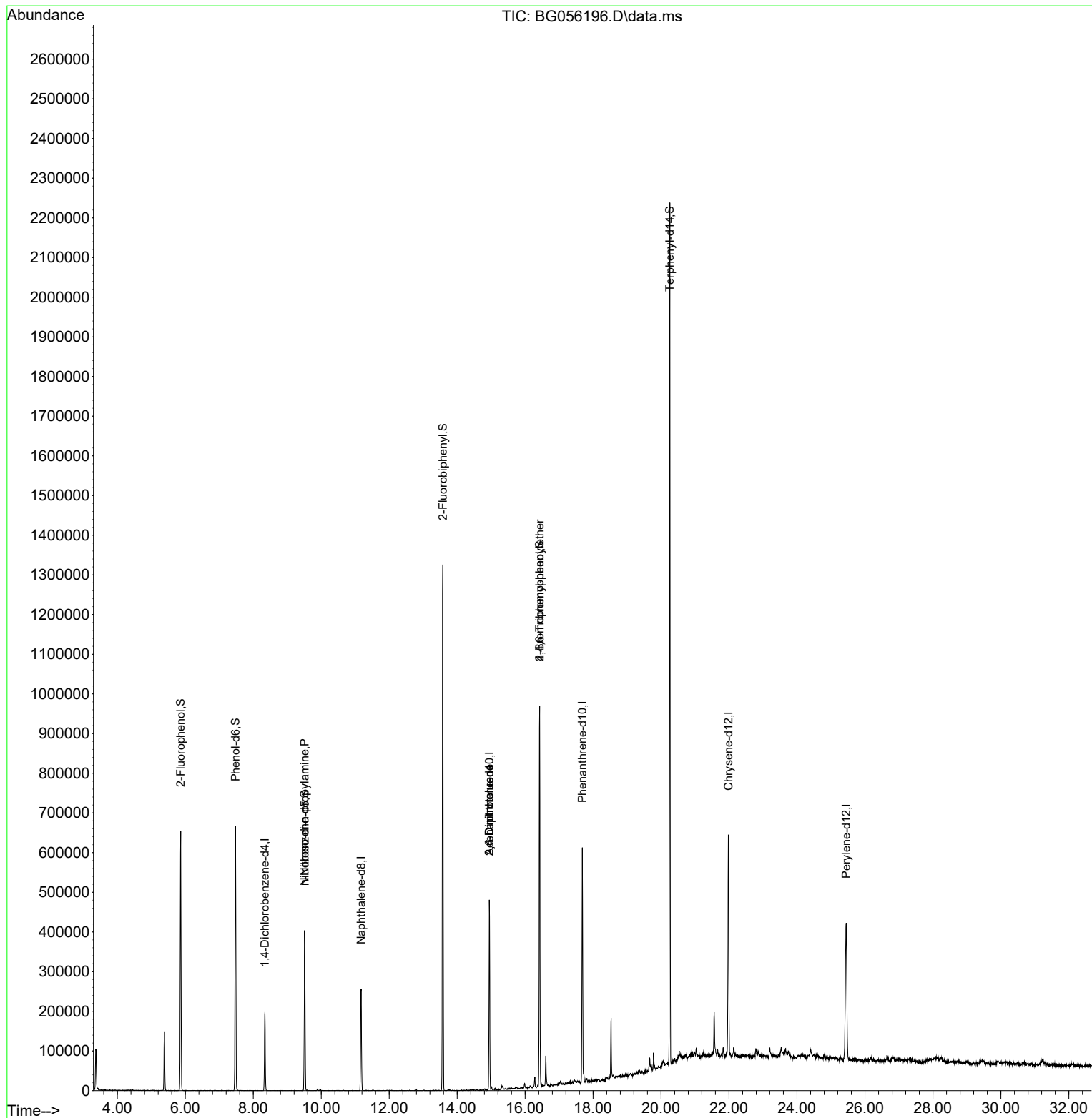
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	65542	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	241980	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	180809	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	412481	20.000	ng	0.00
76) Chrysene-d12	21.980	240	390489	20.000	ng	0.00
86) Perylene-d12	25.446	264	428708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	363177	98.937	ng	0.02
7) Phenol-d6	7.479	99	516253	91.578	ng	0.01
23) Nitrobenzene-d5	9.512	82	282504	59.718	ng	0.00
42) 2,4,6-Tribromophenol	16.427	330	195540	85.392	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	764110	58.358	ng	0.00
79) Terphenyl-d14	20.258	244	1155458	52.997	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.512	70	34799	10.151	ng	Qvalue # 73
51) 2,6-Dinitrotoluene	14.947	165	24414	7.850	ng	# 32
57) 2,4-Dinitrotoluene	14.947	165	24414	5.613	ng	# 29
67) 4-Bromophenyl-phenylether	16.427	248	16580	3.157	ng	# 1

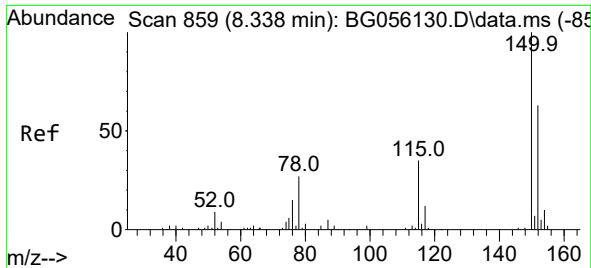
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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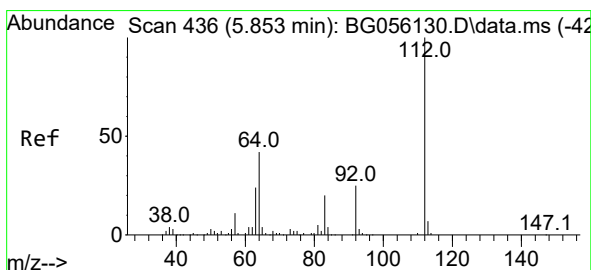
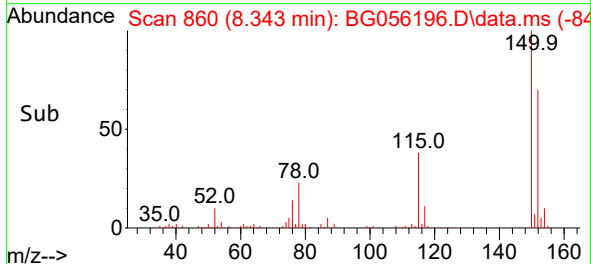
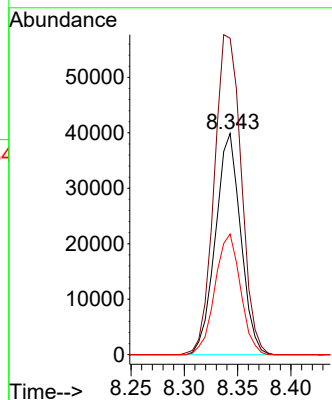
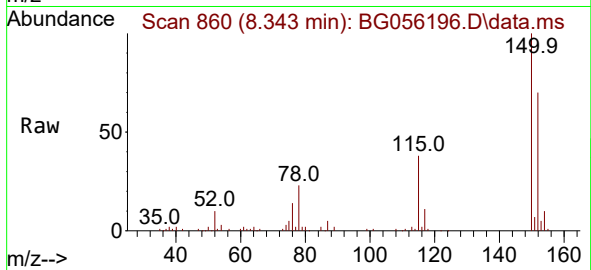




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

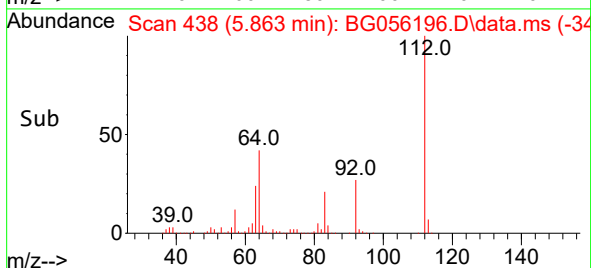
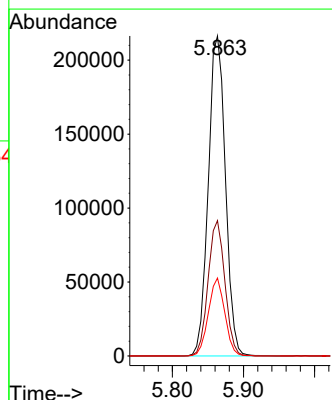
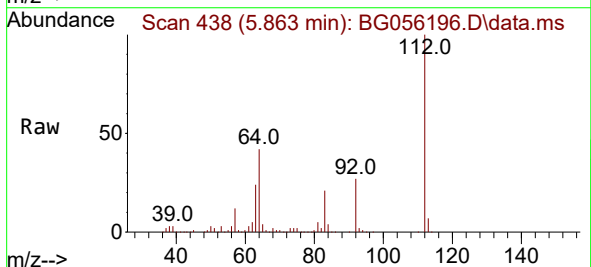
Instrument :
BNA_G
ClientSampleId :
RO-124019

Tgt Ion:152 Resp: 65542
Ion Ratio Lower Upper
152 100
150 143.0 127.9 191.9
115 54.5 44.2 66.2



#5
2-Fluorophenol
Concen: 98.937 ng
RT: 5.863 min Scan# 438
Delta R.T. 0.016 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Tgt Ion:112 Resp: 363177
Ion Ratio Lower Upper
112 100
64 42.3 33.3 49.9
63 24.4 19.0 28.4

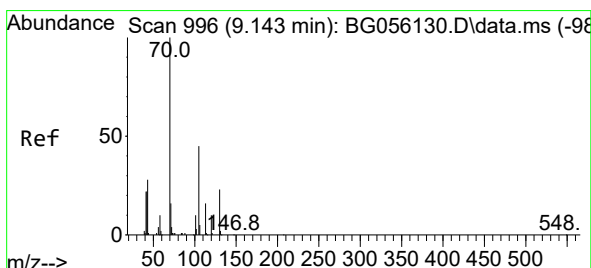
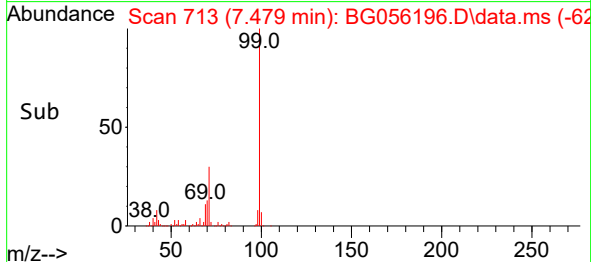
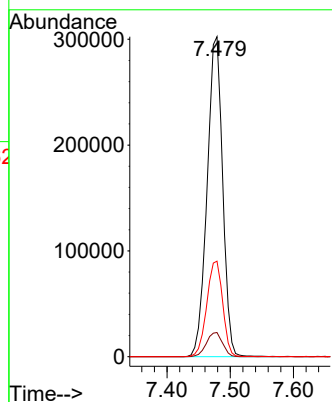
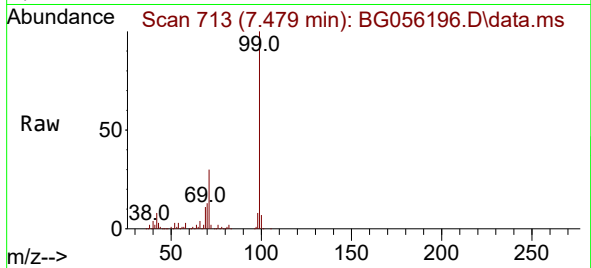




#7
Phenol-d6
Concen: 91.578 ng
RT: 7.479 min Scan# 711
Delta R.T. 0.011 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

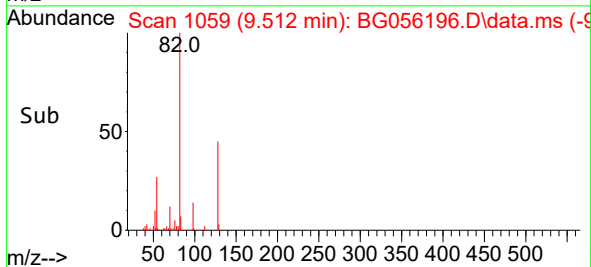
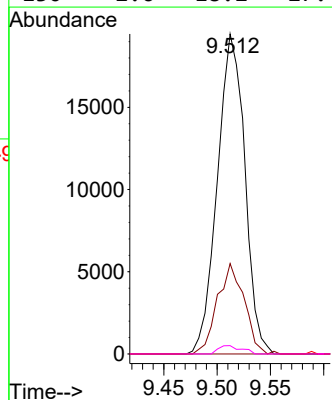
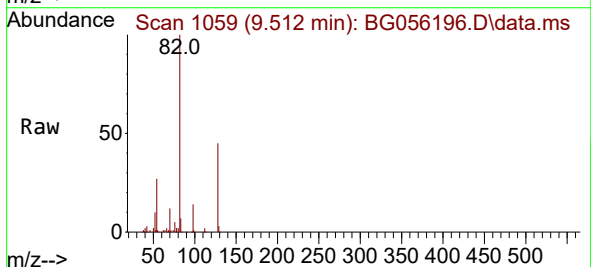
Instrument :
BNA_G
ClientSampleId :
RO-124019

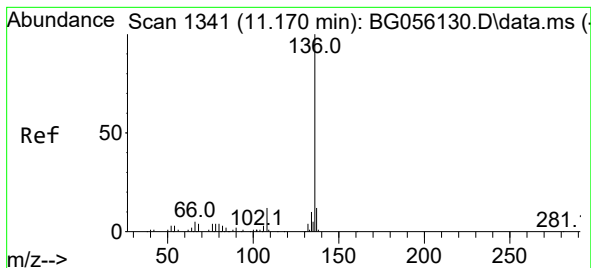
Tgt Ion: 99 Resp: 516253
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.151 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.375 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Tgt Ion: 70 Resp: 34799
Ion Ratio Lower Upper
70 100
42 28.2 18.2 27.2#
101 0.0 8.3 12.5#
130 2.6 18.2 27.4#



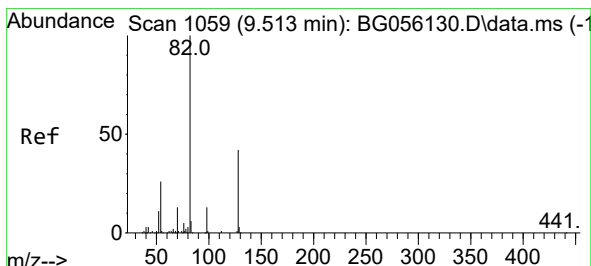
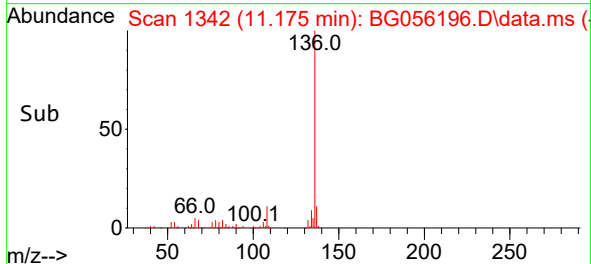
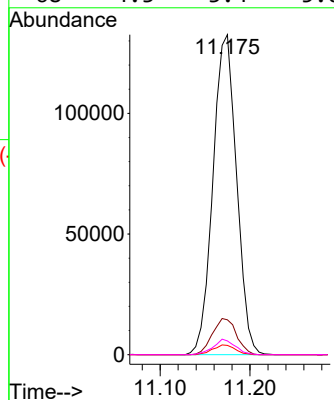
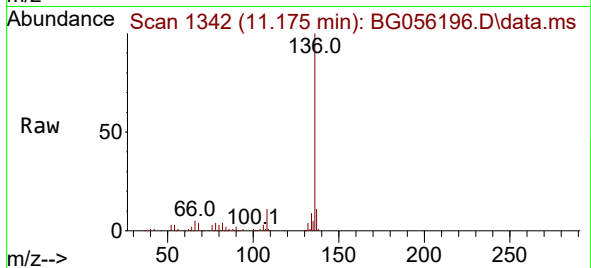


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Instrument :
BNA_G
ClientSampleId :
RO-124019

Tgt Ion: 136 Resp: 241980

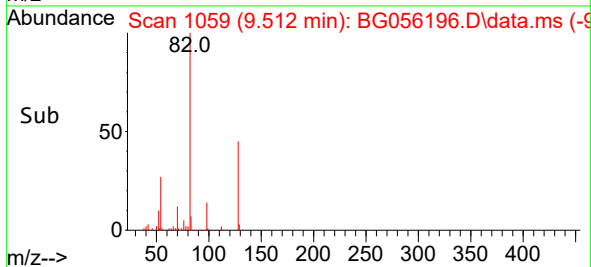
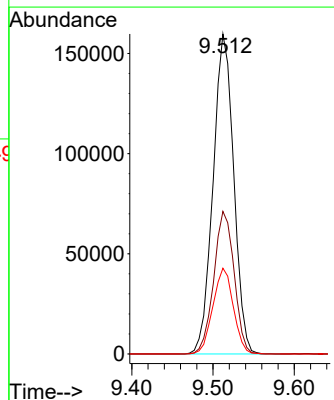
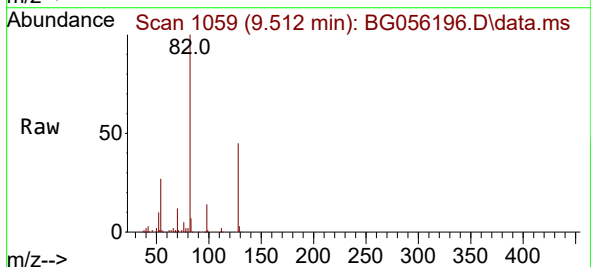
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	2.9	2.2	3.2
68	4.3	3.4	5.0

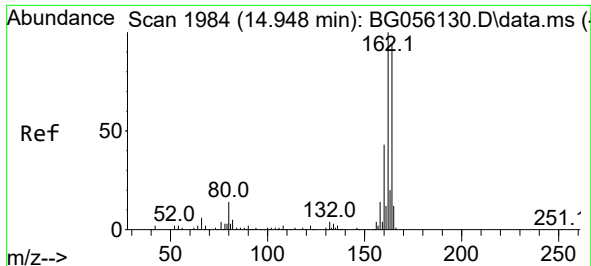


#23
Nitrobenzene-d5
Concen: 59.718 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.005 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Tgt Ion: 82 Resp: 282504

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.4	50.2
54	26.8	20.3	30.5

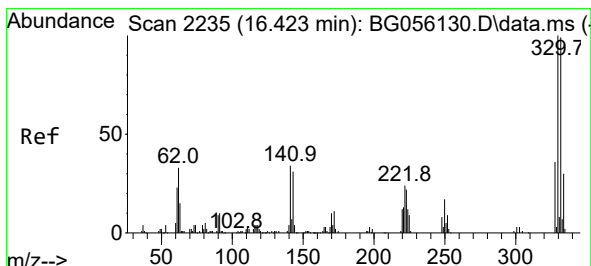
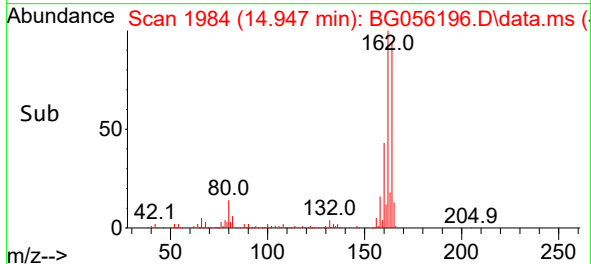
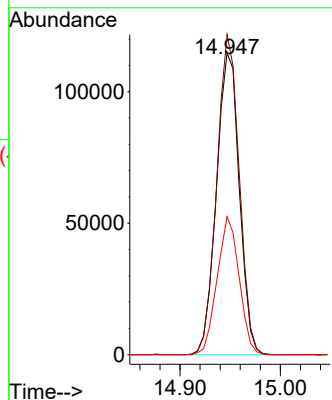
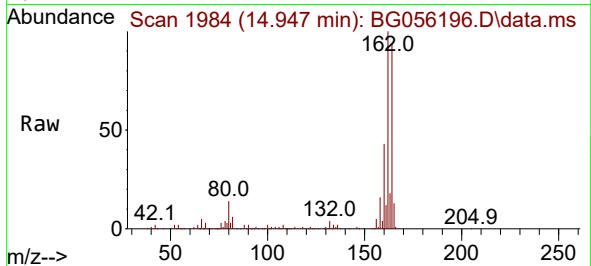




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

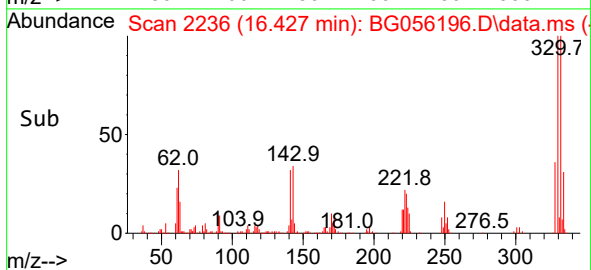
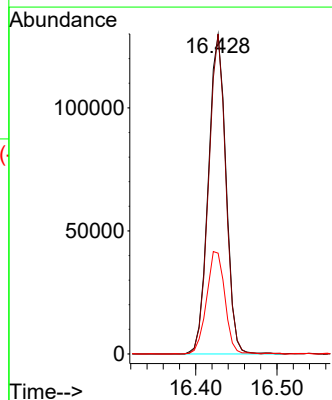
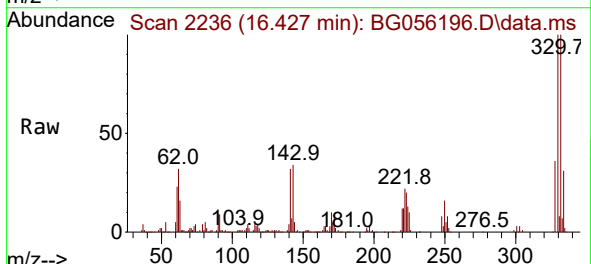
Instrument :
BNA_G
ClientSampleId :
RO-124019

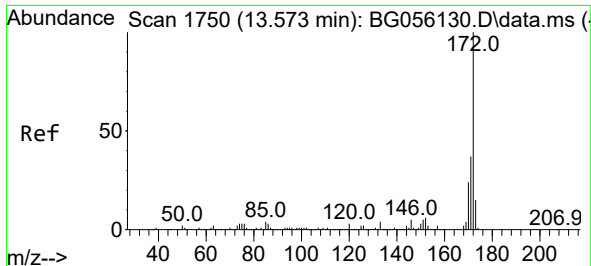
Tgt Ion:164 Resp: 180809
Ion Ratio Lower Upper
164 100
162 106.0 84.7 127.1
160 45.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 85.392 ng
RT: 16.427 min Scan# 2236
Delta R.T. -0.001 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

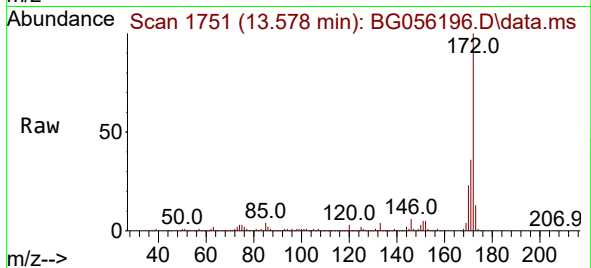
Tgt Ion:330 Resp: 195540
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.3 27.9 41.9



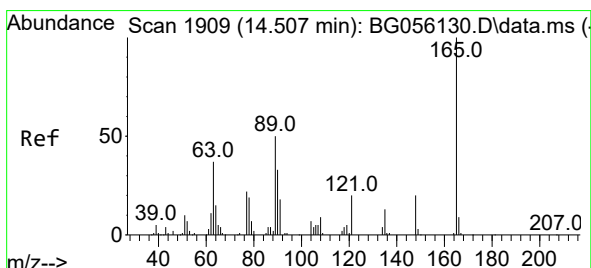
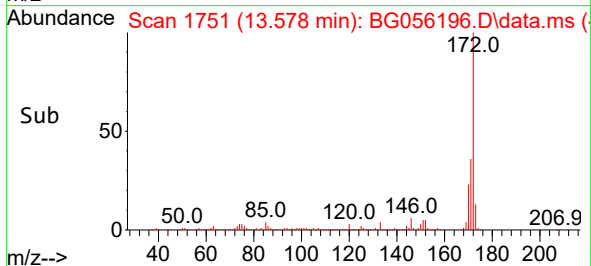
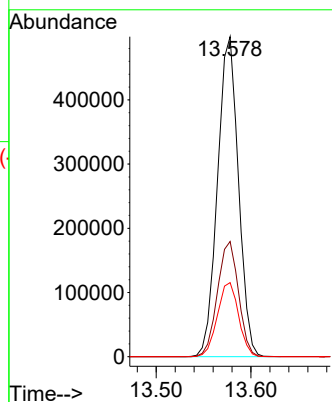


#45
2-Fluorobiphenyl
Concen: 58.358 ng
RT: 13.578 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Instrument :
BNA_G
ClientSampleId :
RO-124019

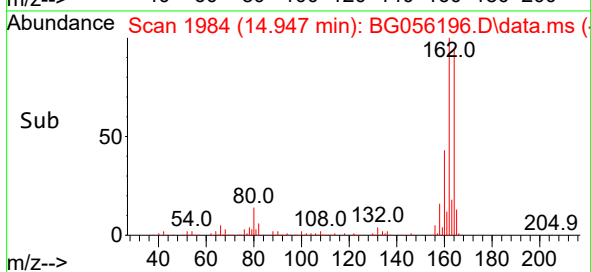
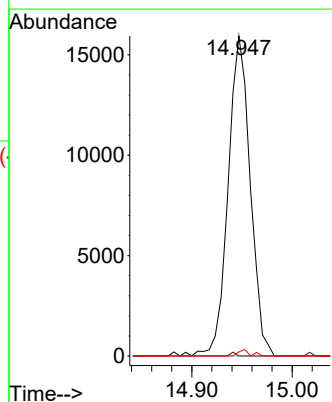
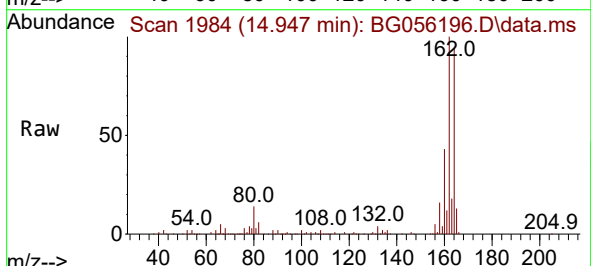


Tgt Ion:172 Resp: 764110
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.850 ng
RT: 14.947 min Scan# 1984
Delta R.T. 0.434 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

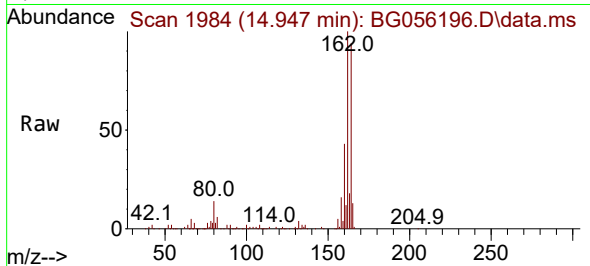
Tgt Ion:165 Resp: 24414
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.3 39.8 59.8#



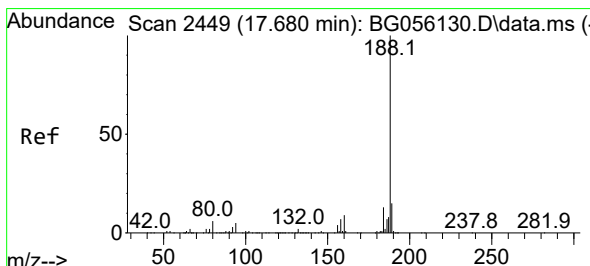
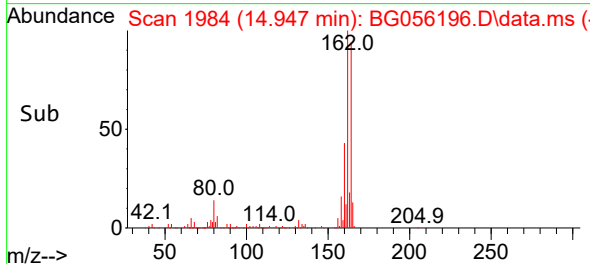
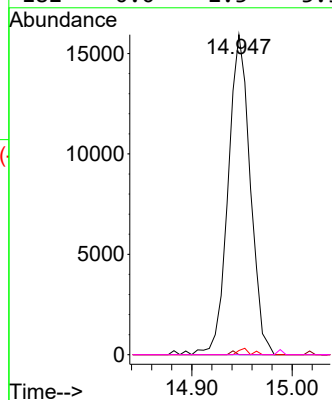


#57
2,4-Dinitrotoluene
Concen: 5.613 ng
RT: 14.947 min Scan# 1984
Delta R.T. -0.348 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Instrument :
BNA_G
ClientSampleId :
RO-124019

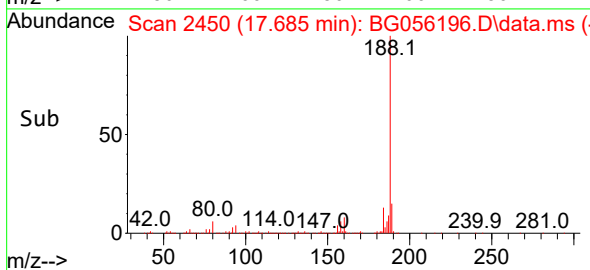
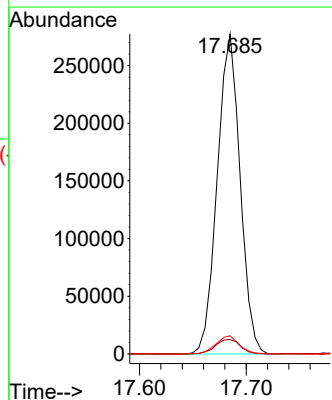
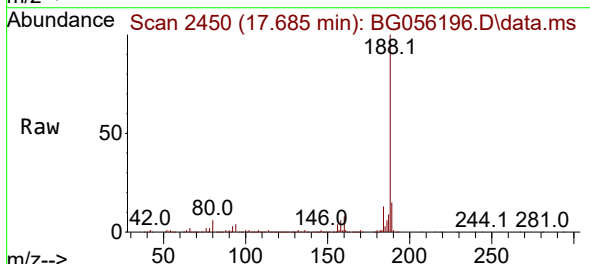


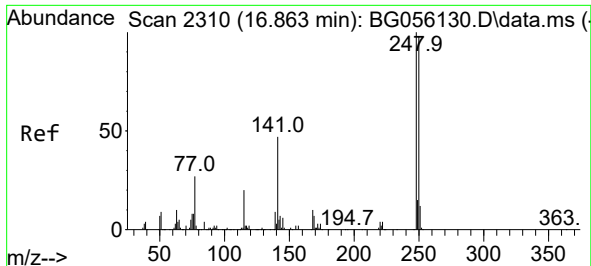
Tgt Ion:165 Resp: 24414
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.3 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.685 min Scan# 2450
Delta R.T. -0.001 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Tgt Ion:188 Resp: 412481
Ion Ratio Lower Upper
188 100
94 4.5 4.2 6.2
80 5.7 5.0 7.4

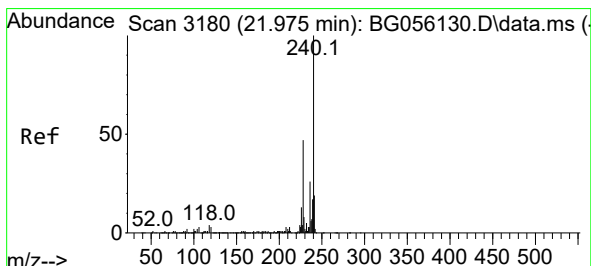
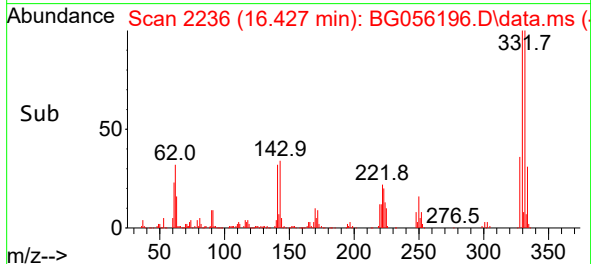
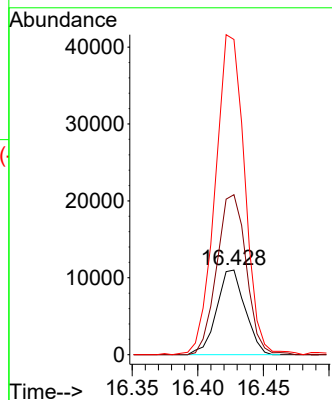
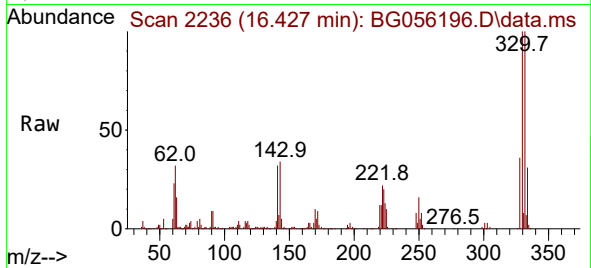




#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 16.427 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

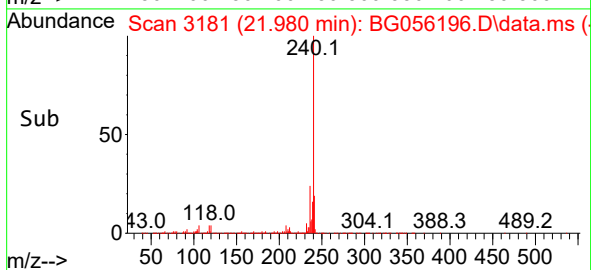
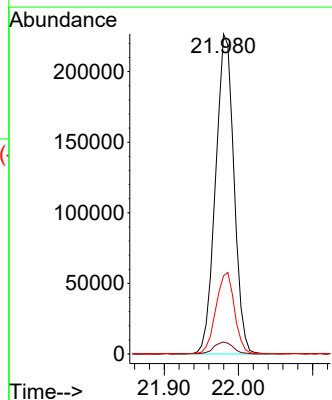
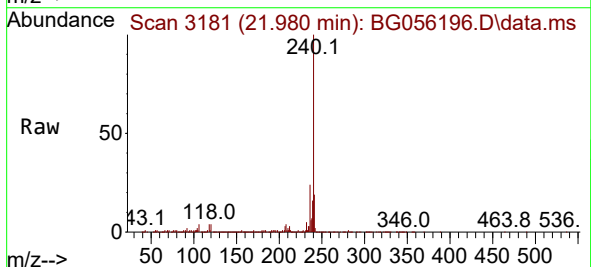
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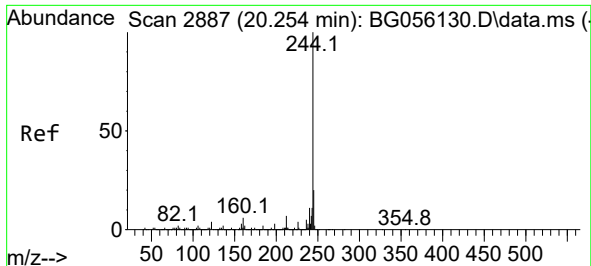
Tgt Ion:248 Resp: 16580
Ion Ratio Lower Upper
248 100
250 188.9 78.2 117.4#
141 372.0 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.980 min Scan# 3181
Delta R.T. -0.007 min
Lab File: BG056196.D
Acq: 3 Jan 2023 21:48

Tgt Ion:240 Resp: 390489
Ion Ratio Lower Upper
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120 3.8 2.6 4.0
236 24.5 20.8 31.2

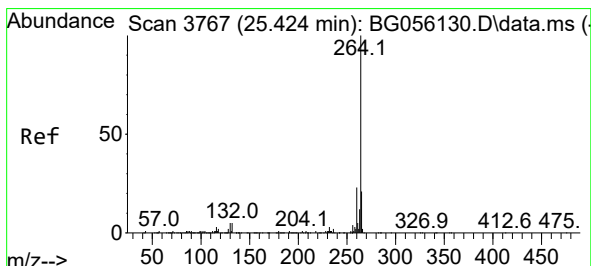
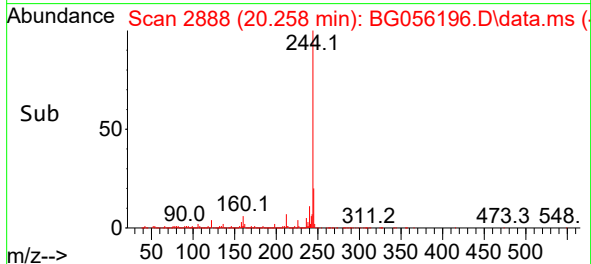
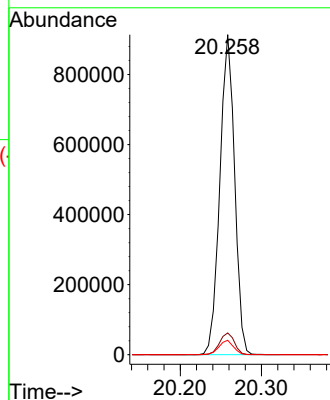
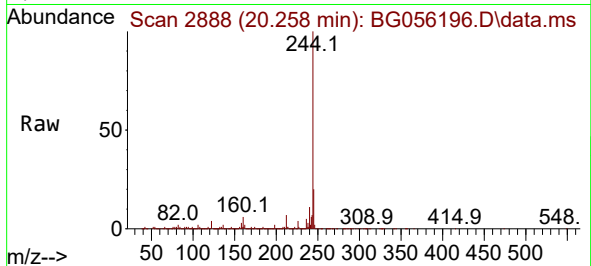




#79
 Terphenyl-d14
 Concen: 52.997 ng
 RT: 20.258 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056196.D
 Acq: 3 Jan 2023 21:48

Instrument :
 BNA_G
 ClientSampleId :
 RO-124019

Tgt Ion:244 Resp: 1155458
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 4.5 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.446 min Scan# 3771
 Delta R.T. -0.001 min
 Lab File: BG056196.D
 Acq: 3 Jan 2023 21:48

Tgt Ion:264 Resp: 428708
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.6 16.7 25.1

