

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056442.D
 Acq On : 26 Jan 2023 14:24
 Operator : CG/JU
 Sample : 01283-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-H

Quant Time: Jan 27 00:58:39 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 25 04:54:56 2023
 Response via : Initial Calibration

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

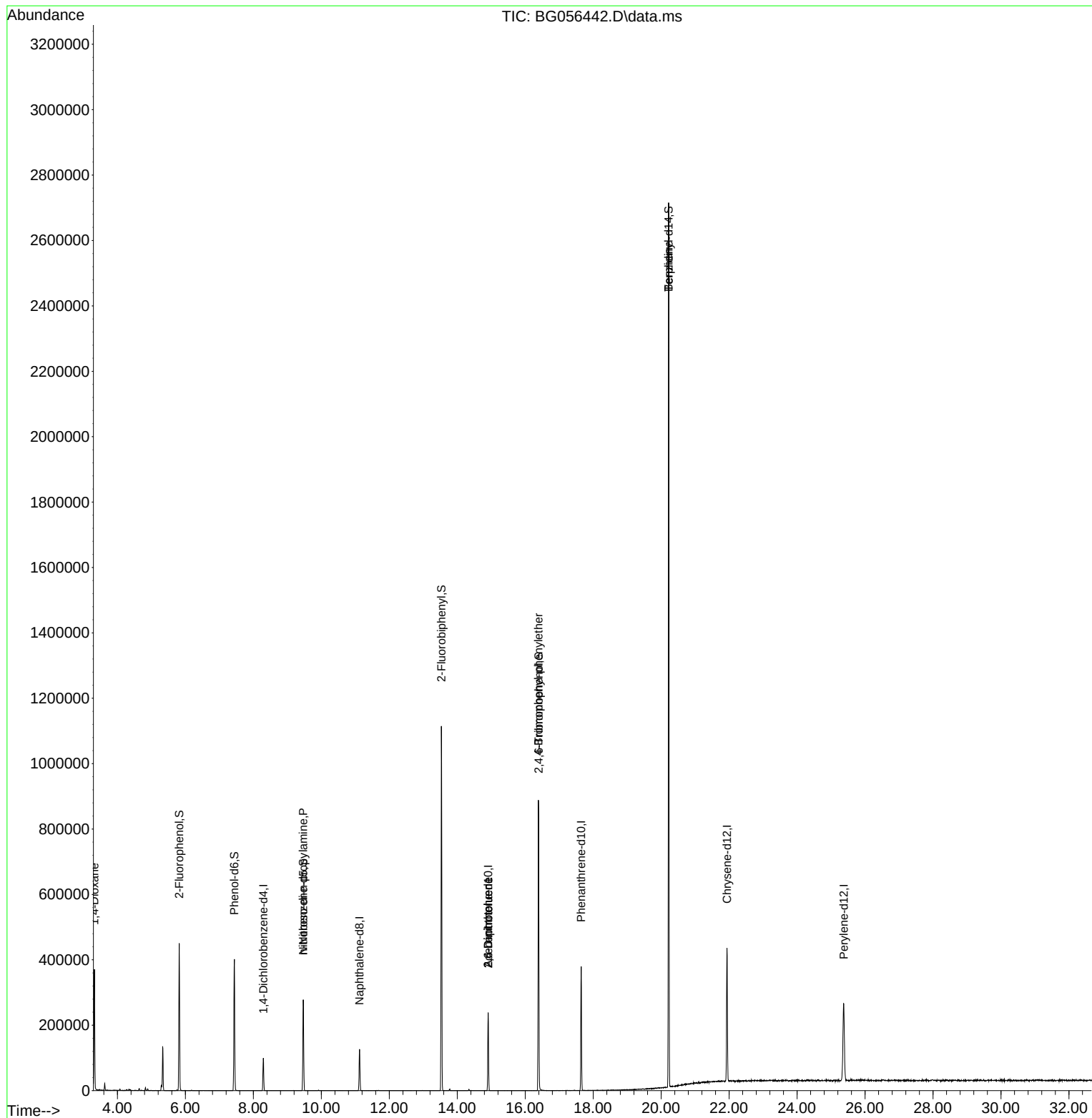
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	32909	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	118520	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	93985	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	265155	20.000	ng	0.00
76) Chrysene-d12	21.936	240	272022	20.000	ng	# 0.00
86) Perylene-d12	25.373	264	293134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	256824	139.341	ng	0.00
7) Phenol-d6	7.441	99	311032	109.885	ng	0.00
23) Nitrobenzene-d5	9.468	82	192156	82.932	ng	0.00
42) 2,4,6-Tribromophenol	16.395	330	198677	166.913	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	638769	93.853	ng	0.00
79) Terphenyl-d14	20.220	244	1492069	98.241	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	4416	5.245	ng	# 1
19) n-Nitroso-di-n-propyla...	9.468	70	24248	14.088	ng	# 73
51) 2,6-Dinitrotoluene	14.909	165	12445	7.698	ng	# 33
57) 2,4-Dinitrotoluene	14.909	165	12445	5.504	ng	# 30
67) 4-Bromophenyl-phenylether	16.390	248	15265	4.521	ng	# 1
77) Benzidine	20.220	184	20269	2.126	ng	# 83

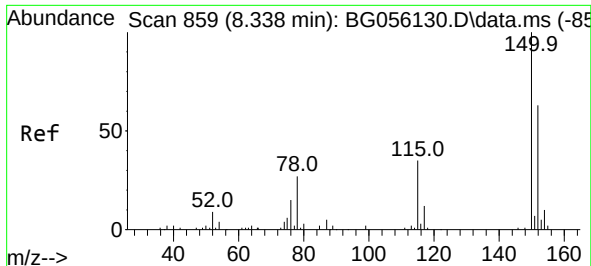
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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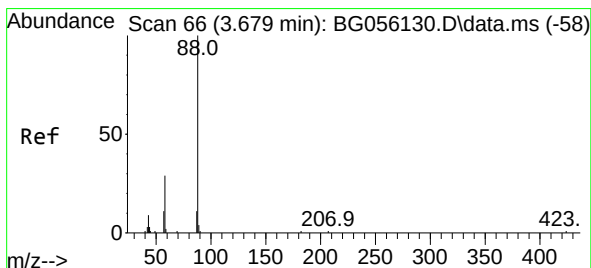
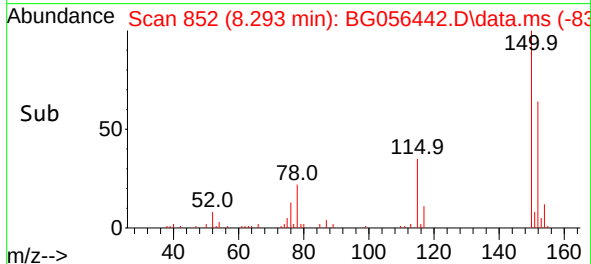
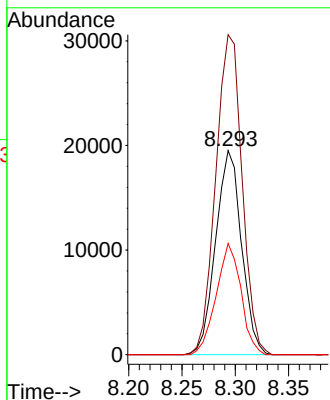
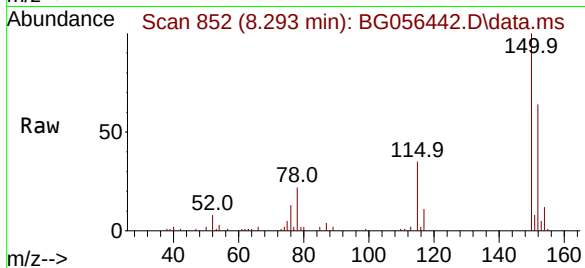




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

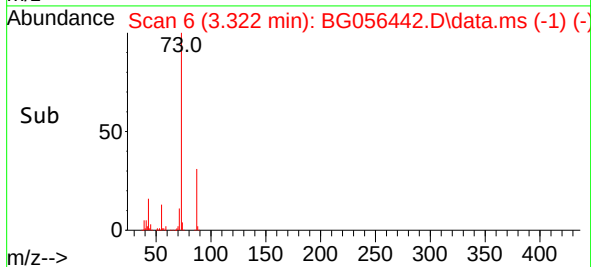
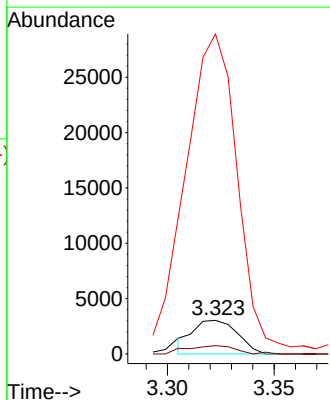
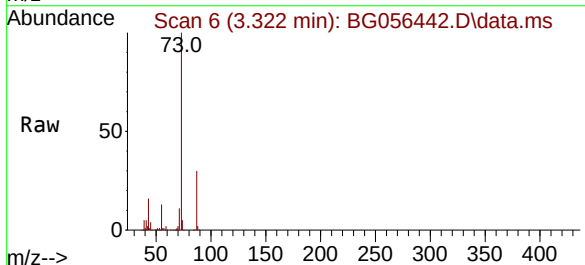
Instrument :
BNA_G
ClientSampleId :
TP-H

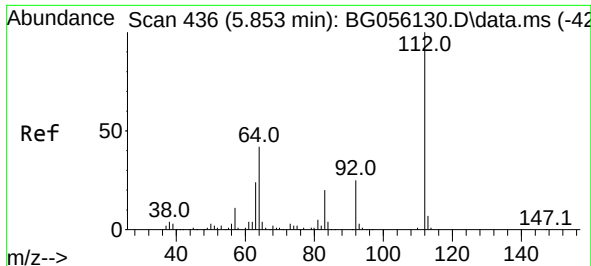
Tgt Ion:152 Resp: 32909
Ion Ratio Lower Upper
152 100
150 156.8 127.9 191.9
115 54.5 44.2 66.2



#2
1,4-Dioxane
Concen: 5.245 ng
RT: 3.322 min Scan# 6
Delta R.T. -0.294 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion: 88 Resp: 4416
Ion Ratio Lower Upper
88 100
58 19.9 21.4 32.0#
43 943.5 7.1 10.7#

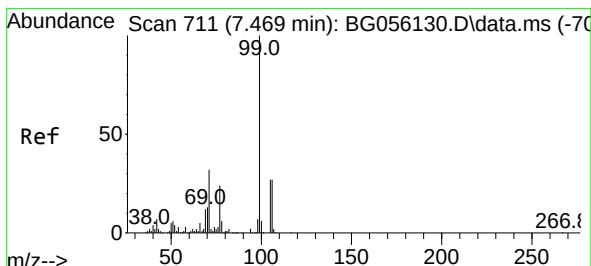
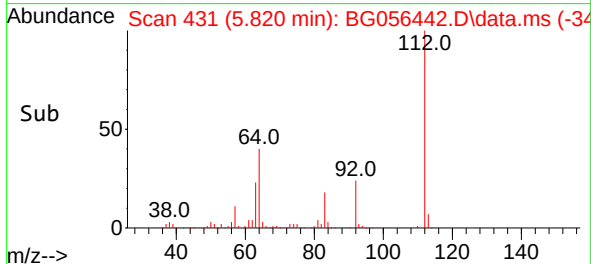
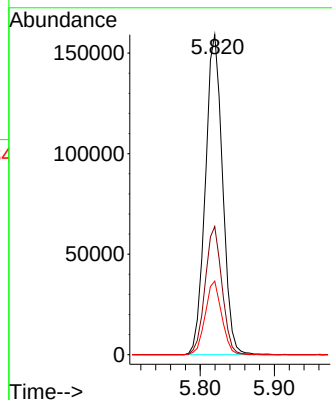
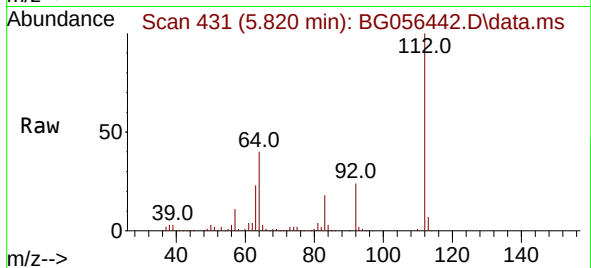




#5
2-Fluorophenol
Concen: 139.341 ng
RT: 5.820 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

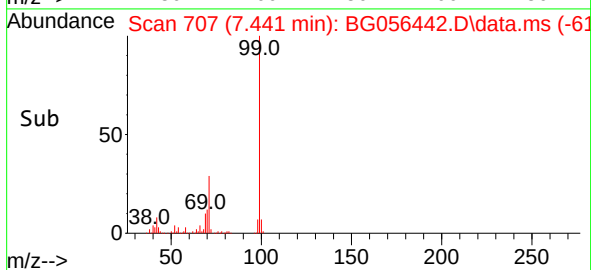
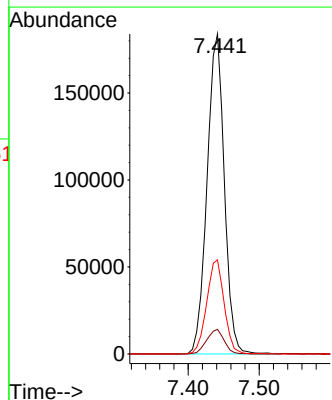
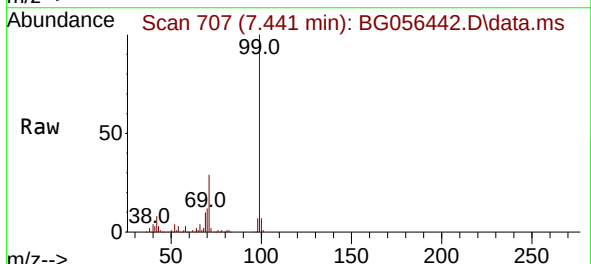
Instrument :
BNA_G
ClientSampleId :
TP-H

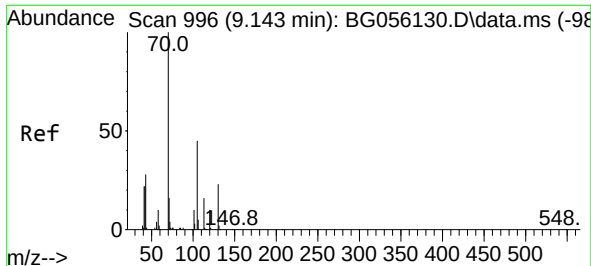
Tgt Ion:112 Resp: 256824
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 23.0 19.0 28.4



#7
Phenol-d6
Concen: 109.885 ng
RT: 7.441 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion: 99 Resp: 311032
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 29.4 25.4 38.2

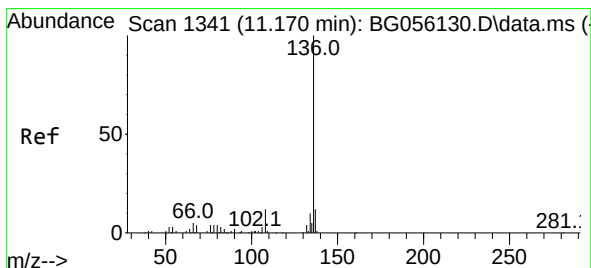
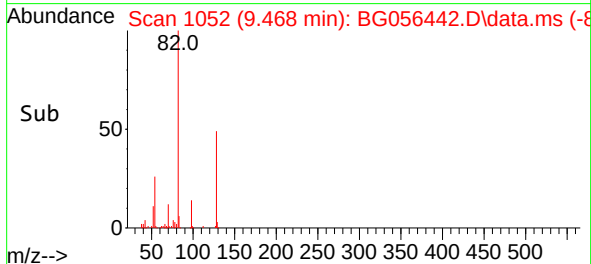
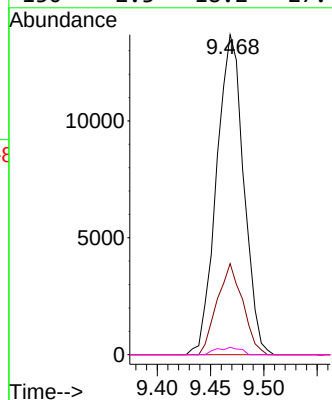
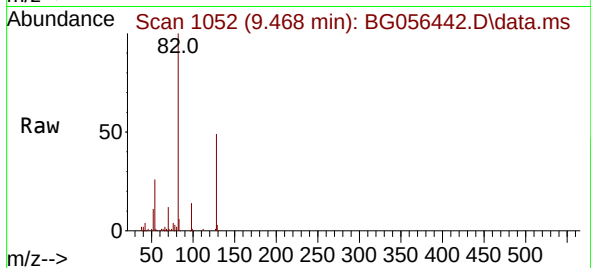




#19
n-Nitroso-di-n-propylamine
Concen: 14.088 ng
RT: 9.468 min Scan# 1052
Delta R.T. 0.370 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

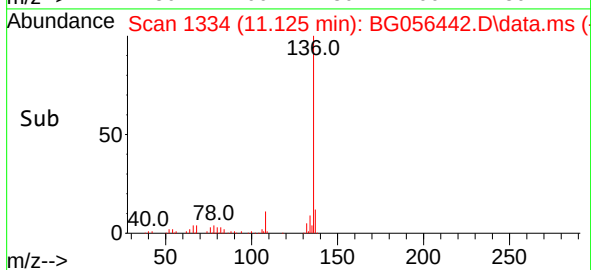
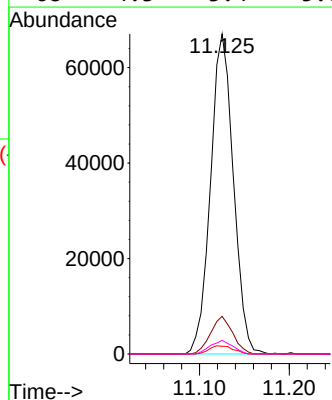
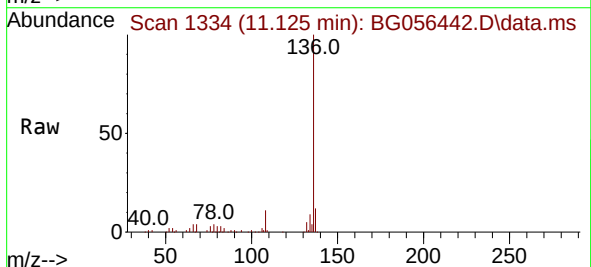
Instrument :
BNA_G
ClientSampleId :
TP-H

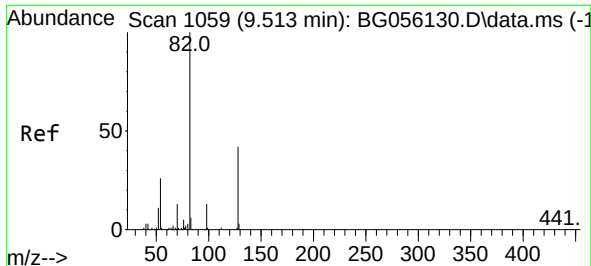
Tgt Ion:	70	Resp:	24248
Ion	Ratio	Lower	Upper
70	100		
42	28.4	18.2	27.2#
101	0.0	8.3	12.5#
130	2.3	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion:	136	Resp:	118520
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	2.4	2.2	3.2
68	4.3	3.4	5.0

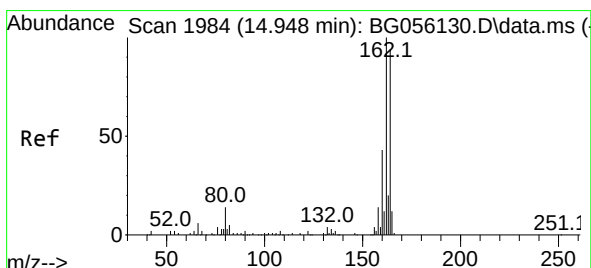
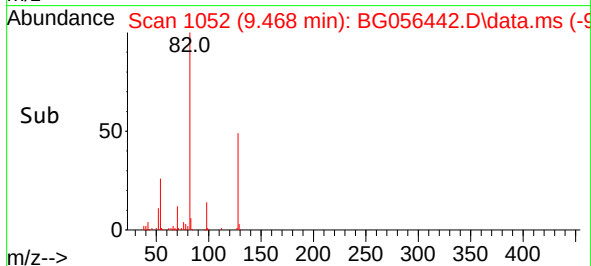
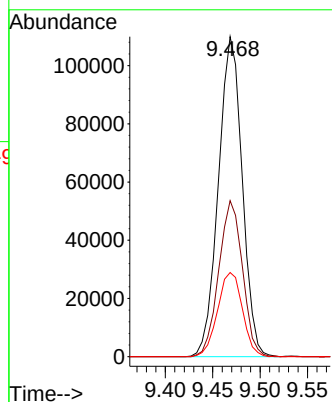
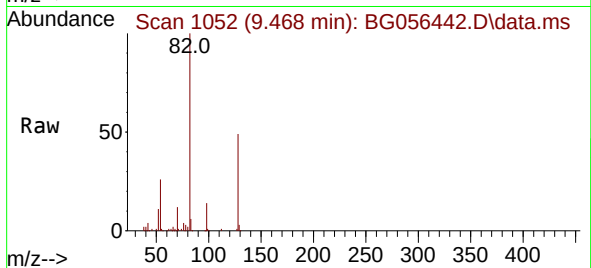




#23
Nitrobenzene-d5
Concen: 82.932 ng
RT: 9.468 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

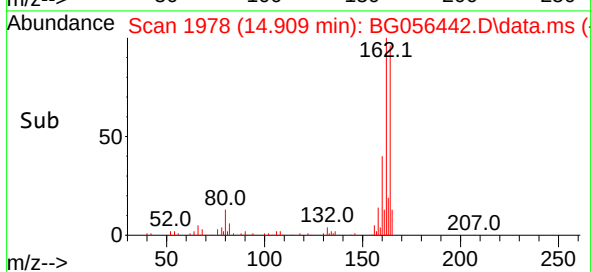
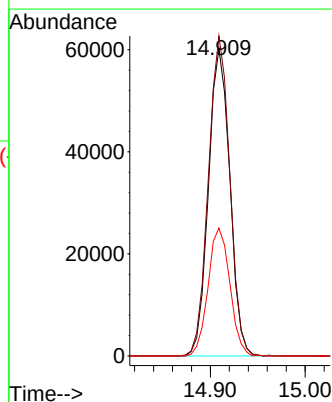
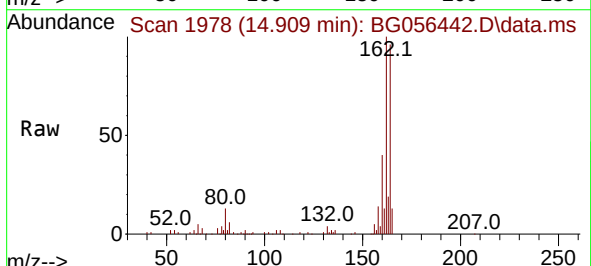
Instrument :
BNA_G
ClientSampleId :
TP-H

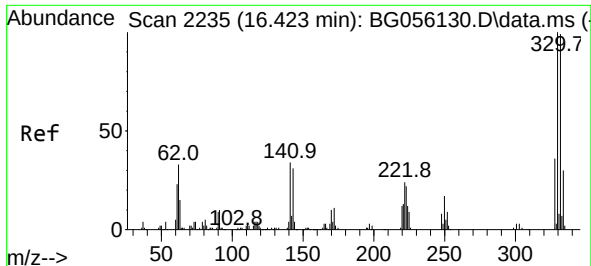
Tgt Ion: 82 Resp: 192156
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.2
54 26.3 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion: 164 Resp: 93985
Ion Ratio Lower Upper
164 100
162 104.2 84.7 127.1
160 41.6 36.3 54.5

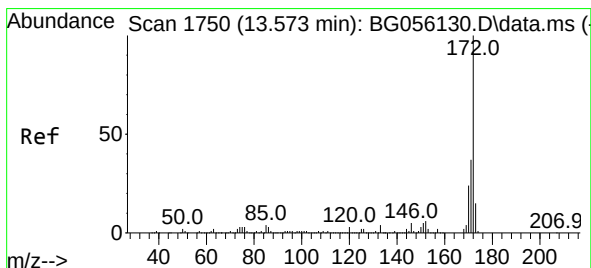
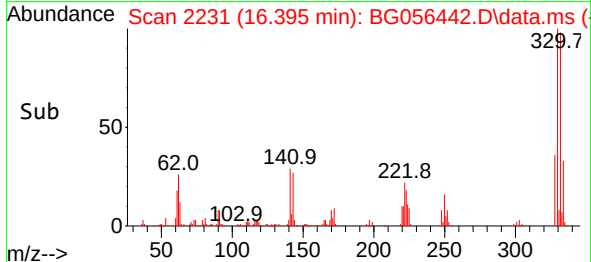
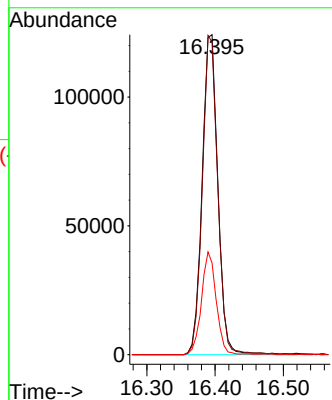
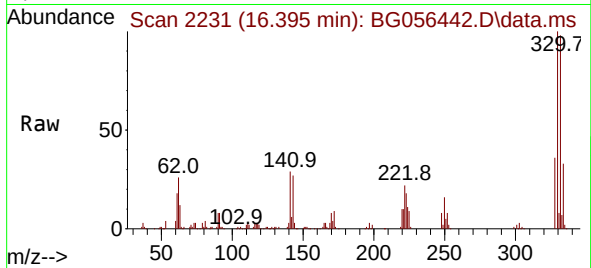




#42
2,4,6-Tribromophenol
Concen: 166.913 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

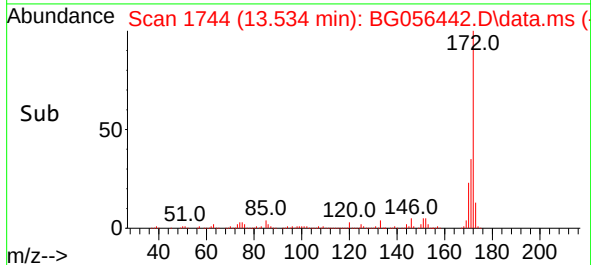
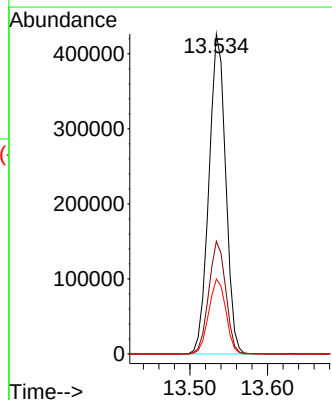
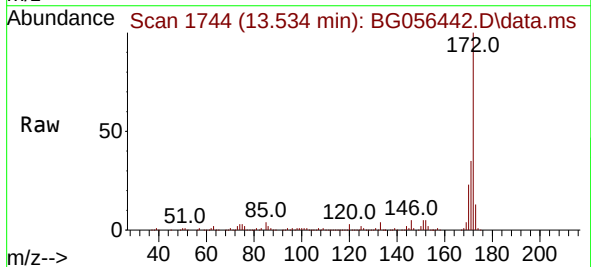
Instrument :
BNA_G
ClientSampleId :
TP-H

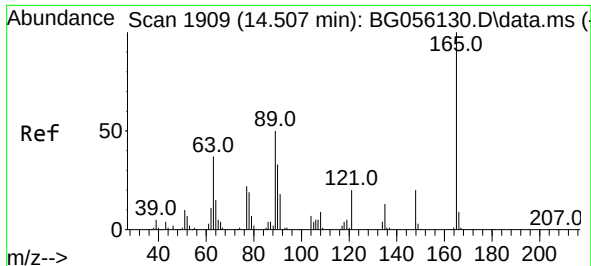
Tgt Ion:330 Resp: 198677
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 93.853 ng
RT: 13.534 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion:172 Resp: 638769
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.4 19.4 29.2

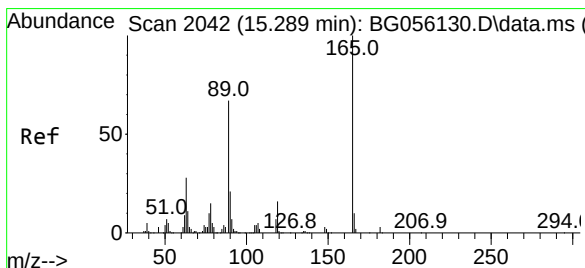
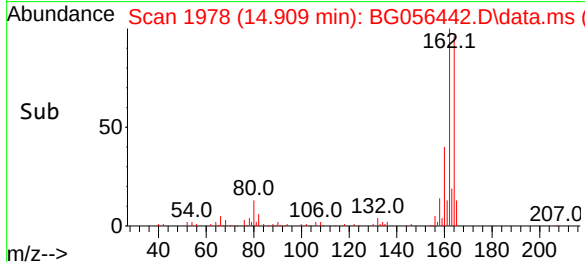
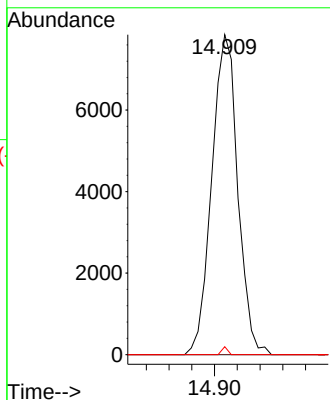
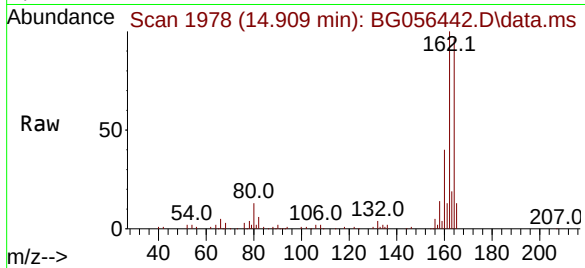




#51
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 14.909 min Scan# 1909
Delta R.T. 0.429 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

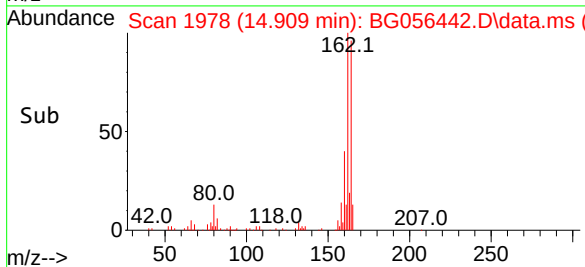
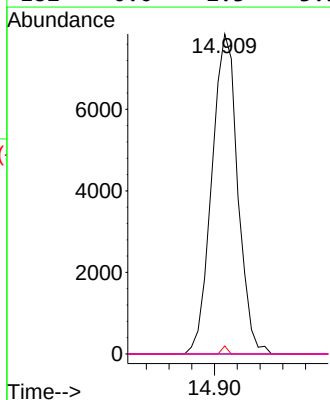
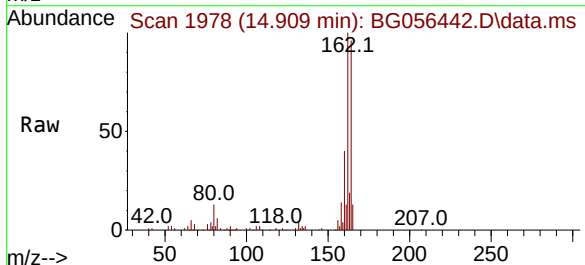
Instrument :
BNA_G
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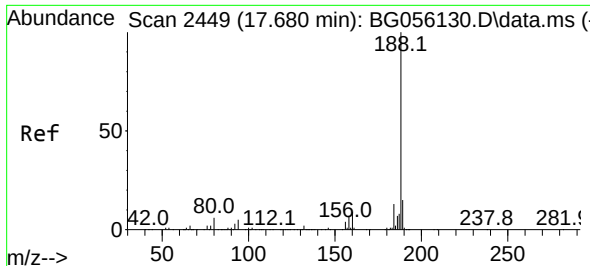
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.5	39.8	59.8#



#57
2,4-Dinitrotoluene
Concen: 5.504 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.358 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.6	34.0#
89	2.5	53.2	79.8#
182	0.0	2.3	3.5#

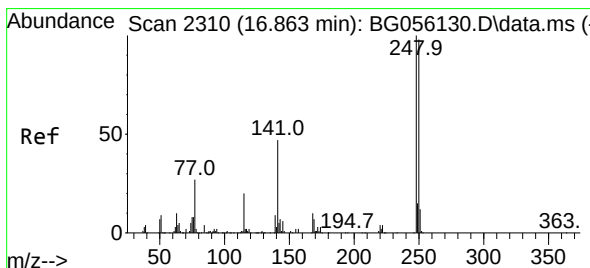
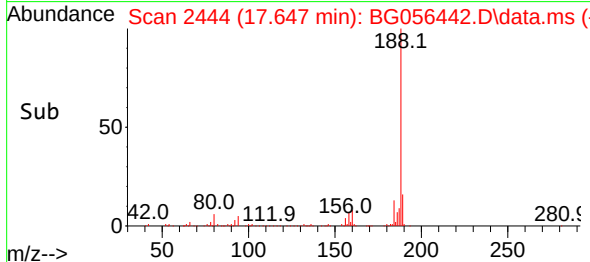
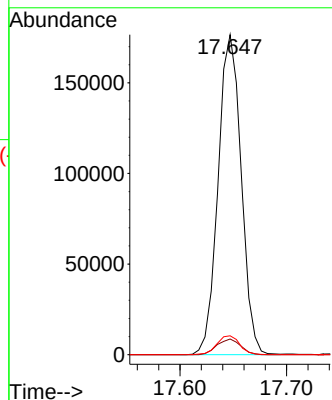
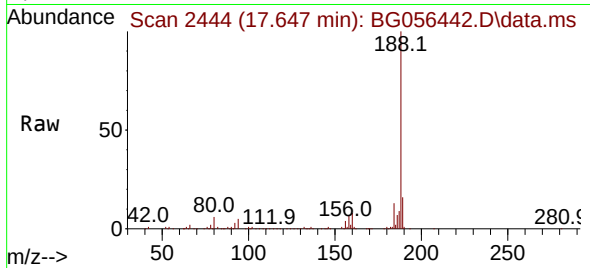




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

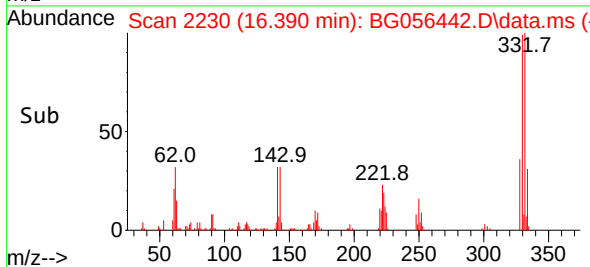
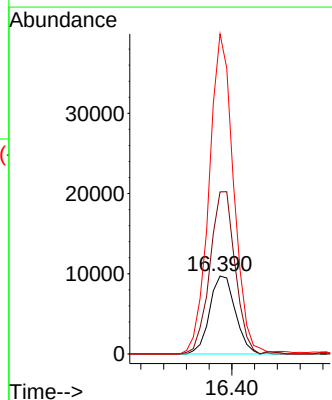
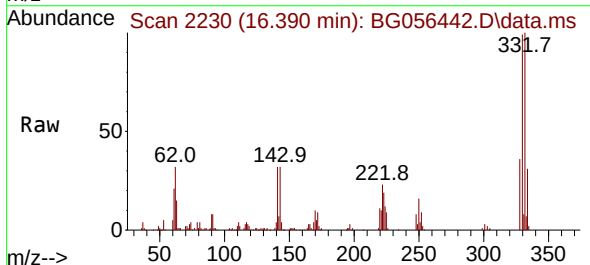
Instrument :
BNA_G
ClientSampleId :
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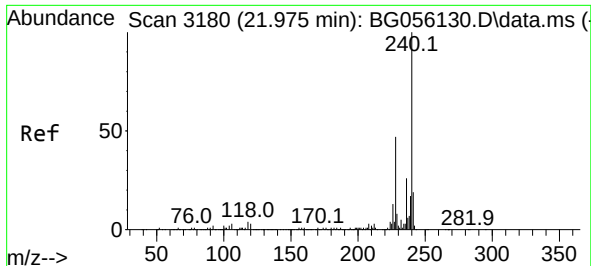
Tgt Ion:188 Resp: 265155
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 5.9 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.521 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.441 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion:248 Resp: 15265
Ion Ratio Lower Upper
248 100
250 149.4 78.2 117.4#
141 294.9 37.6 56.4#

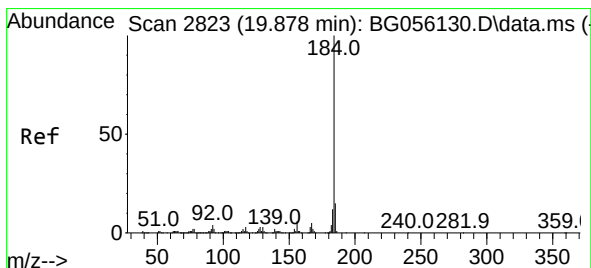
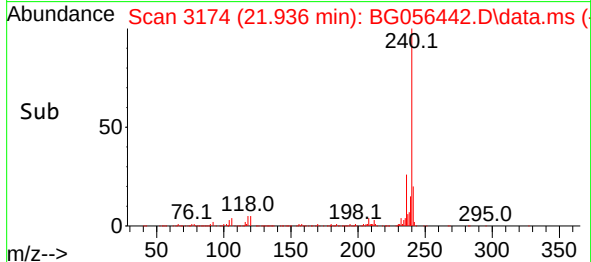
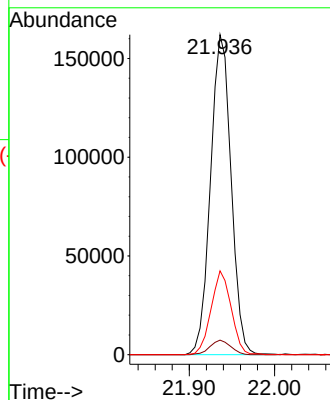
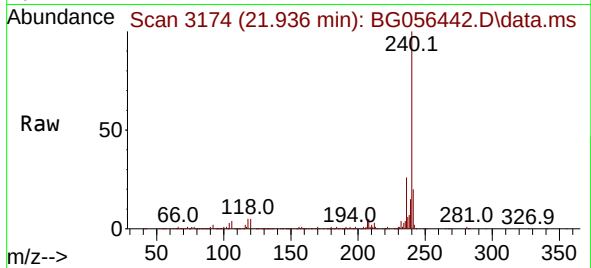




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

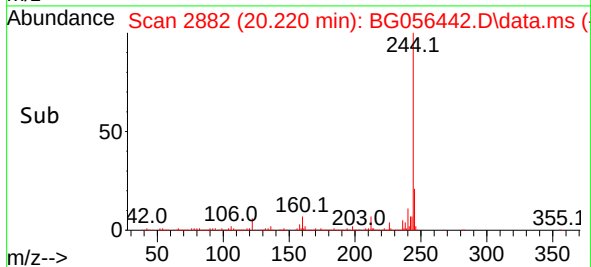
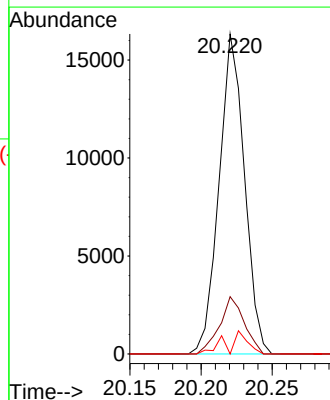
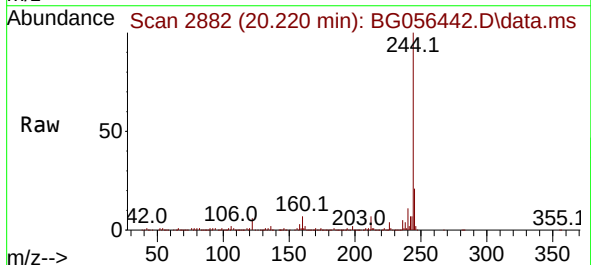
Instrument :
BNA_G
ClientSampleId :
TP-H

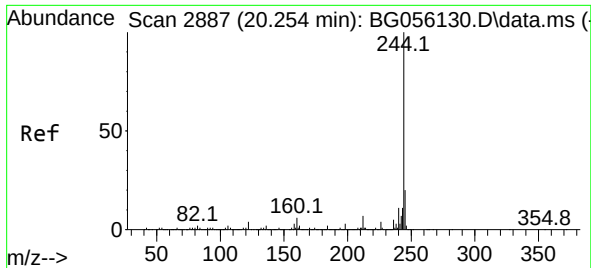
Tgt Ion:240 Resp: 272022
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.2 20.8 31.2



#77
Benzidine
Concen: 2.126 ng
RT: 20.220 min Scan# 2882
Delta R.T. 0.370 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion:184 Resp: 20269
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 0.0 9.4 14.0#

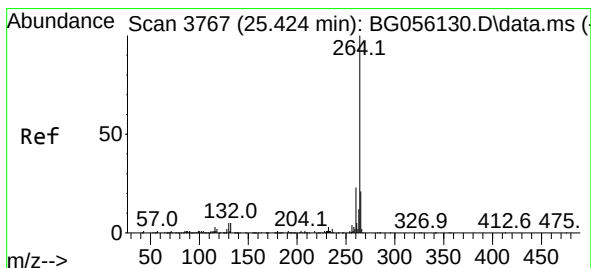
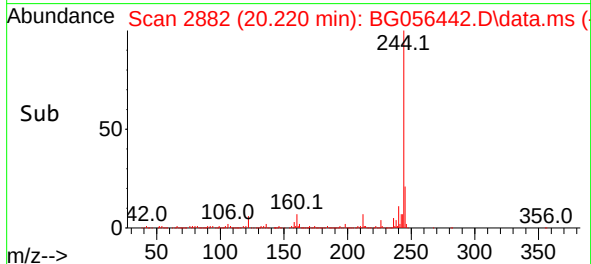
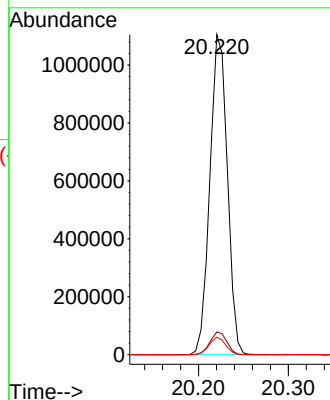
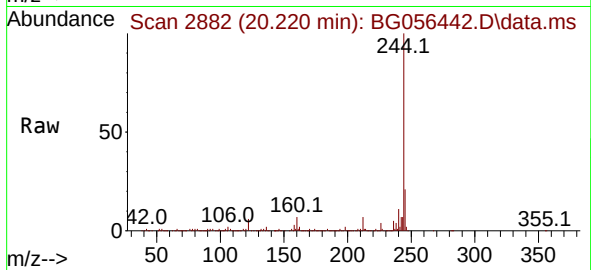




#79
Terphenyl-d14
Concen: 98.241 ng
RT: 20.220 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Instrument :
BNA_G
ClientSampleId :
TP-H

Tgt Ion:244 Resp: 1492069
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.5 3.5 5.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.373 min Scan# 3759
Delta R.T. -0.000 min
Lab File: BG056442.D
Acq: 26 Jan 2023 14:24

Tgt Ion:264 Resp: 293134
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 16.7 25.1

