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 Data File : BG056249.D
 Acq On : 11 Jan 2023 13:55
 Operator : CG/JU
 Sample : 01053-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-201

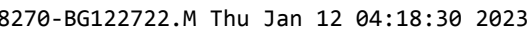
Quant Time: Jan 12 04:18:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

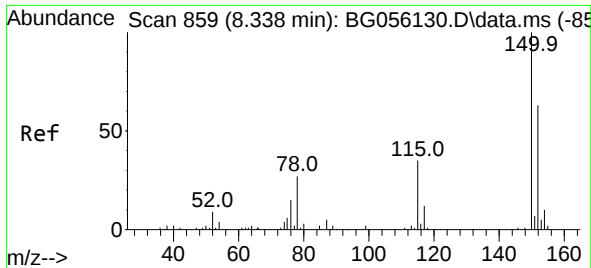
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	45394	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	162717	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	125885	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	355088	20.000	ng	0.00
76) Chrysene-d12	21.954	240	365173	20.000	ng	0.00
86) Perylene-d12	25.397	264	385144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	392396	154.342	ng	0.01
7) Phenol-d6	7.454	99	496368	127.132	ng	0.00
23) Nitrobenzene-d5	9.486	82	312566	98.258	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	265356	166.439	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	920343	100.957	ng	0.00
79) Terphenyl-d14	20.239	244	2129409	104.440	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.486	70	39464	16.622	ng	# 74
51) 2,6-Dinitrotoluene	14.927	165	15946	7.364	ng	# 34
57) 2,4-Dinitrotoluene	14.927	165	15946	5.266	ng	# 31
67) 4-Bromophenyl-phenylether	16.402	248	22228	4.916	ng	# 1
77) Benzidine	20.239	184	30091	2.351	ng	# 94

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

Quant Time: Jan 12 04:18:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

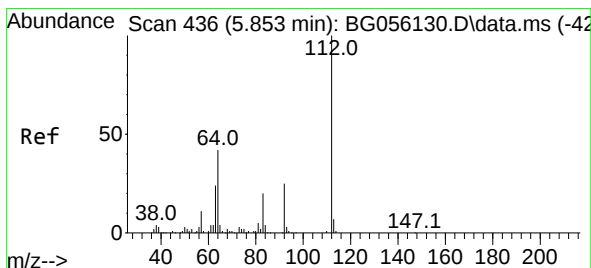
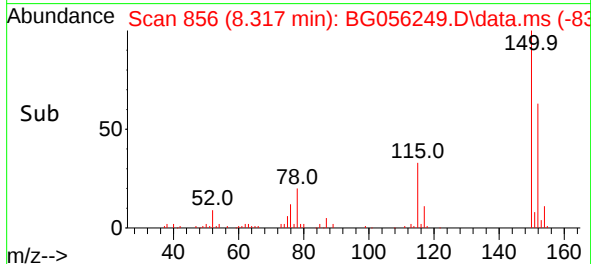
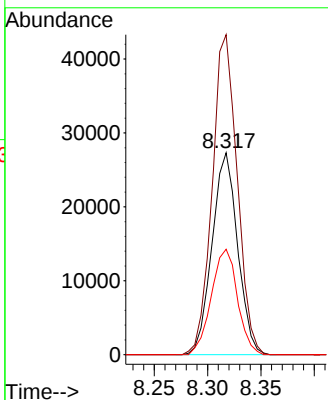
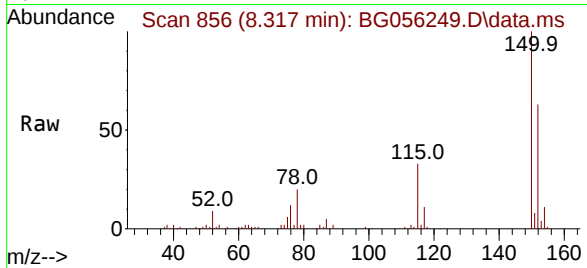




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

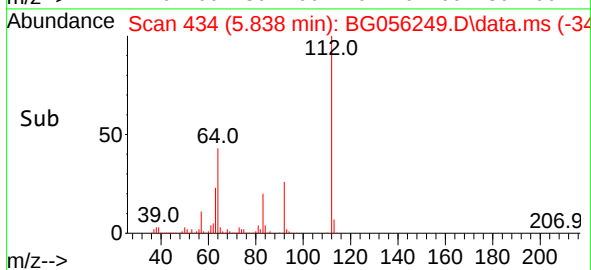
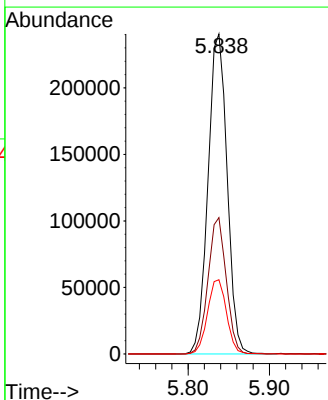
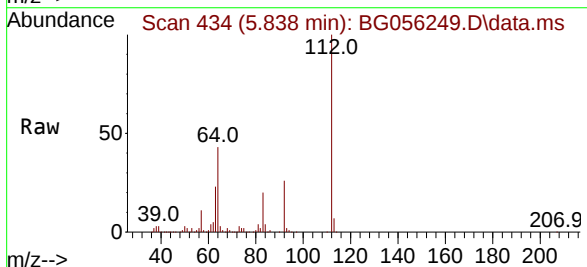
Instrument :
BNA_G
ClientSampleId :
TP-201

Tgt Ion:152 Resp: 45394
Ion Ratio Lower Upper
152 100
150 158.5 127.9 191.9
115 52.2 44.2 66.2



#5
2-Fluorophenol
Concen: 154.342 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion:112 Resp: 392396
Ion Ratio Lower Upper
112 100
64 42.6 33.3 49.9
63 23.2 19.0 28.4

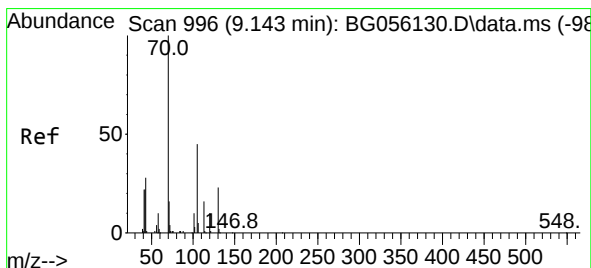
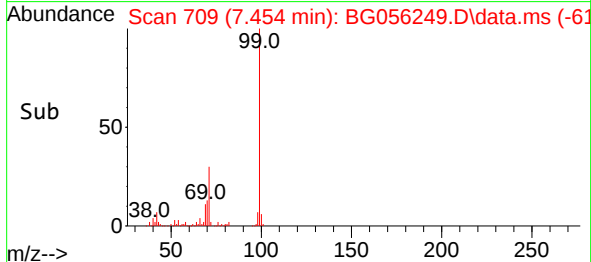
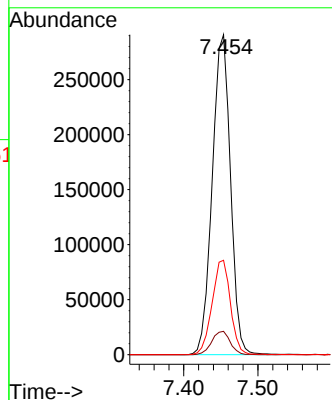
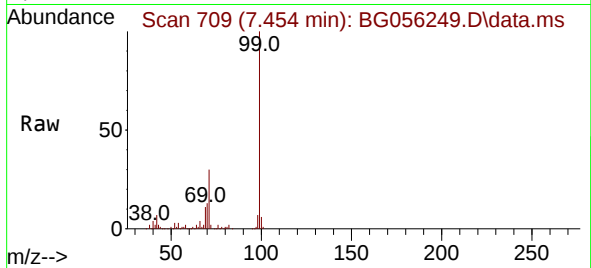




#7
Phenol-d6
Concen: 127.132 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

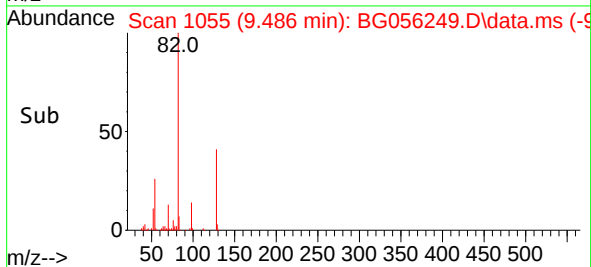
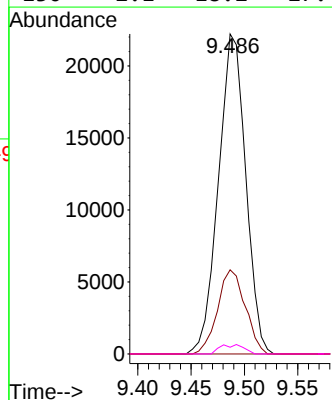
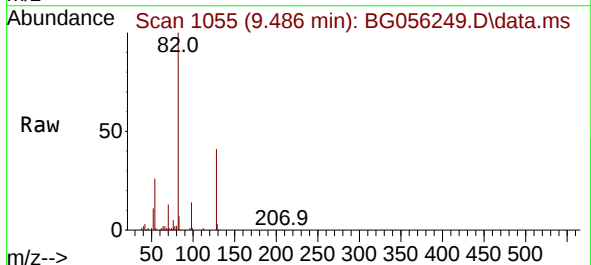
Instrument :
BNA_G
ClientSampleId :
TP-201

Tgt Ion: 99 Resp: 496368
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.622 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion: 70 Resp: 39464
Ion Ratio Lower Upper
70 100
42 26.3 18.2 27.2
101 0.0 8.3 12.5#
130 2.1 18.2 27.4#

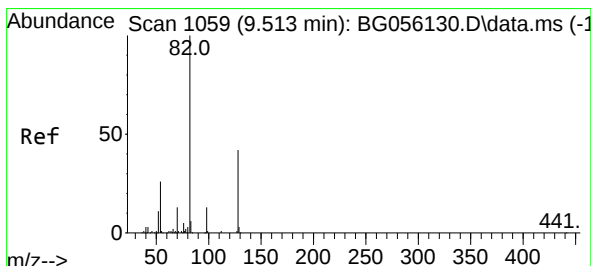
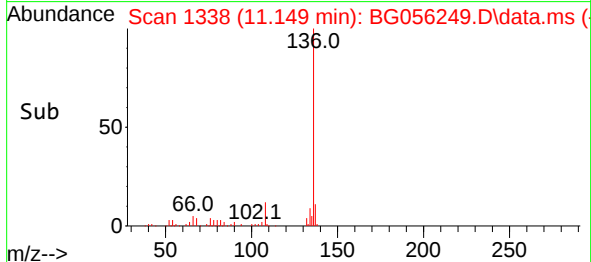
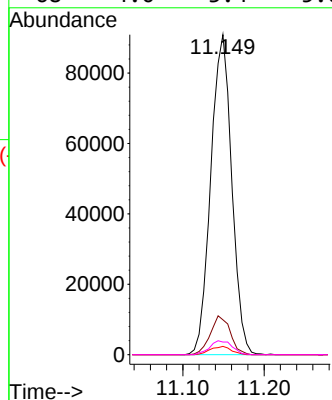
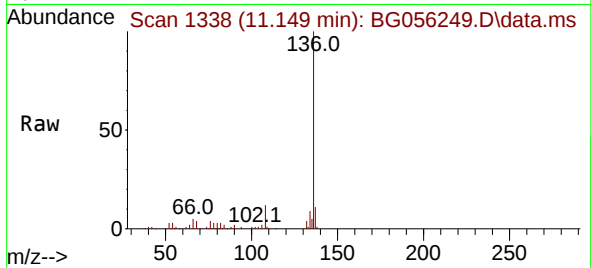




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

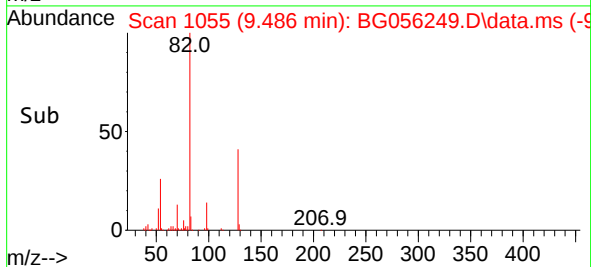
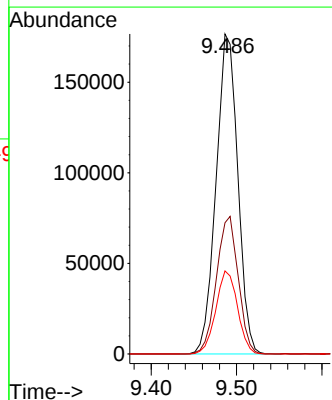
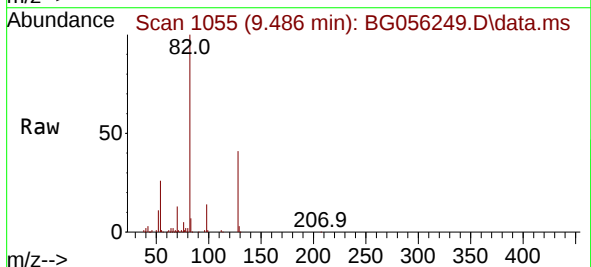
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ClientSampleId :
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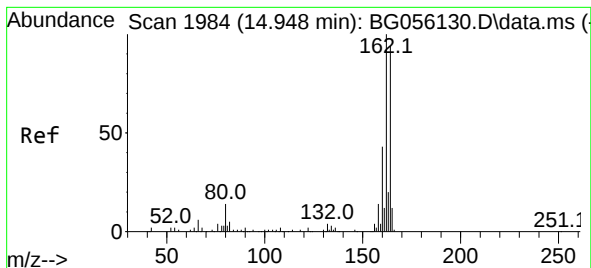
Tgt Ion:136 Resp: 162717
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.6 2.2 3.2
68 4.0 3.4 5.0



#23
Nitrobenzene-d5
Concen: 98.258 ng
RT: 9.486 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion: 82 Resp: 312566
Ion Ratio Lower Upper
82 100
128 41.0 33.4 50.2
54 25.9 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056249.D

Acq: 11 Jan 2023 13:55

Instrument :

BNA_G

ClientSampleId :

TP-201

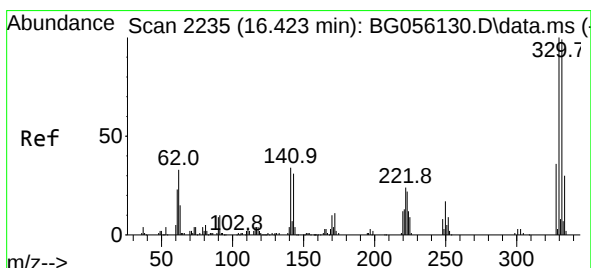
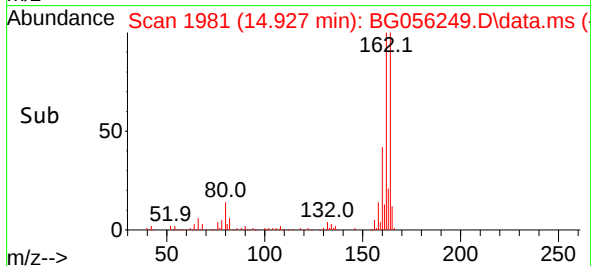
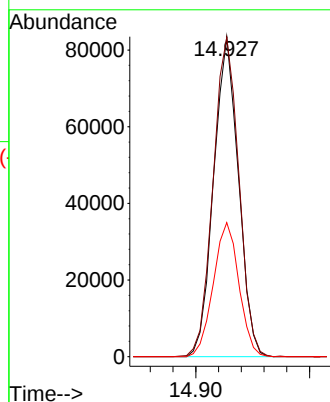
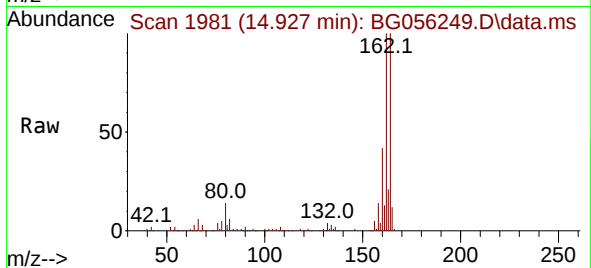
Tgt Ion:164 Resp: 125885

Ion Ratio Lower Upper

164 100

162 99.8 84.7 127.1

160 41.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 166.439 ng

RT: 16.408 min Scan# 2233

Delta R.T. 0.001 min

Lab File: BG056249.D

Acq: 11 Jan 2023 13:55

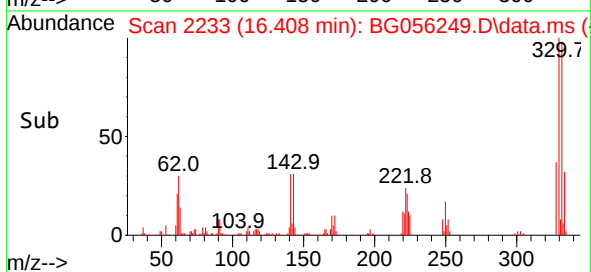
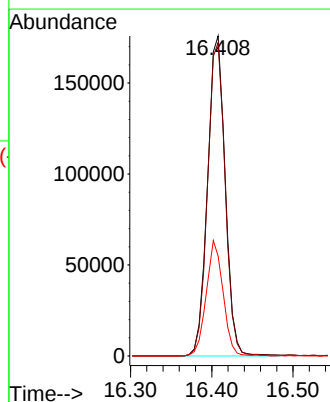
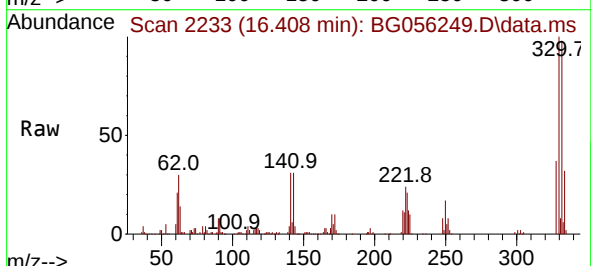
Tgt Ion:330 Resp: 265356

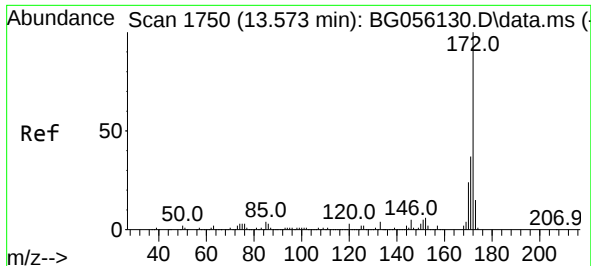
Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 34.4 27.9 41.9

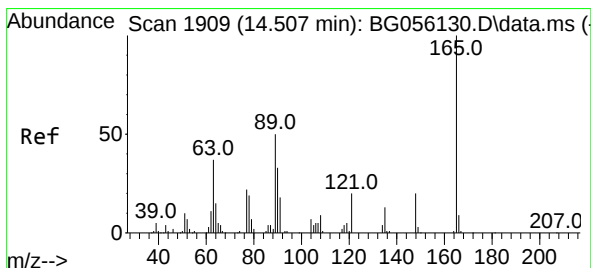
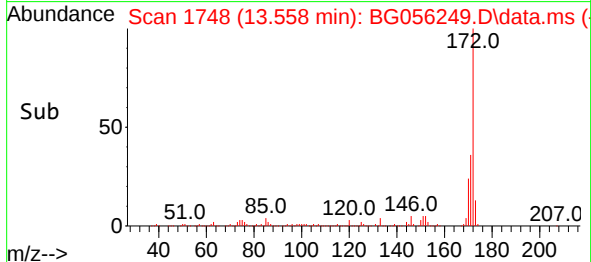
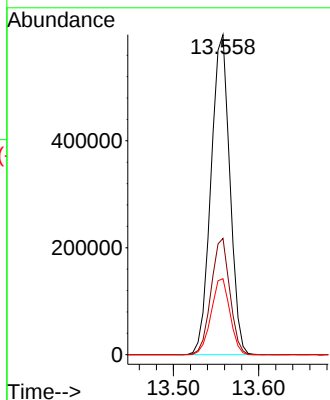
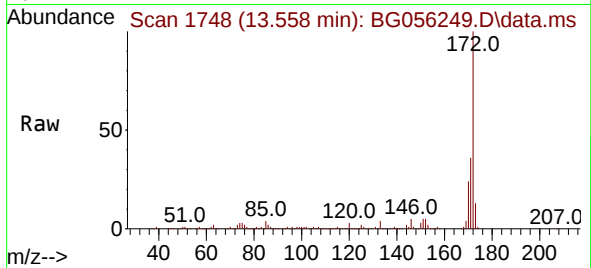




#45
2-Fluorobiphenyl
Concen: 100.957 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

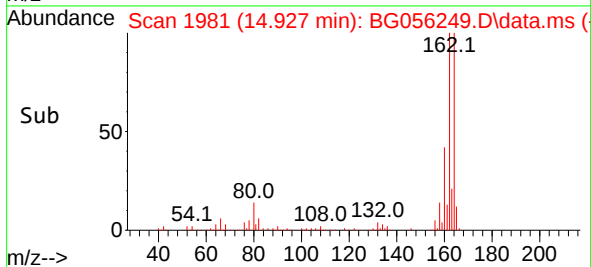
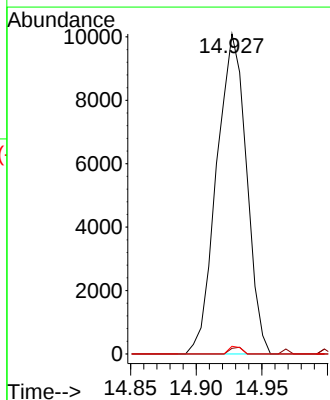
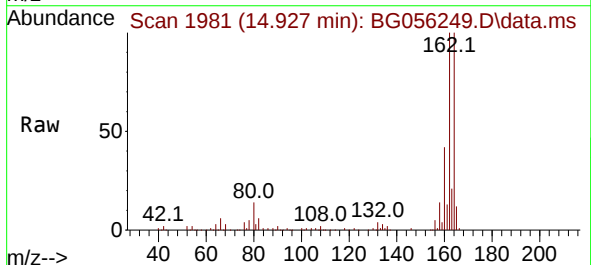
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ClientSampleId :
TP-201

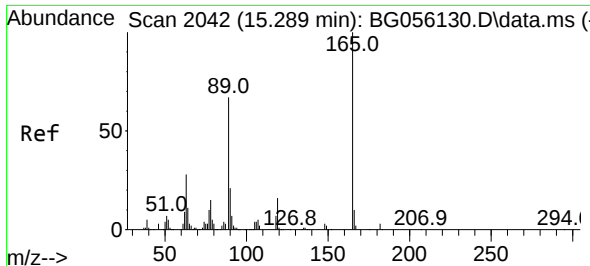
Tgt Ion:172 Resp: 920343
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.364 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.435 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion:165 Resp: 15946
Ion Ratio Lower Upper
165 100
63 1.8 32.2 48.2#
89 2.4 39.8 59.8#

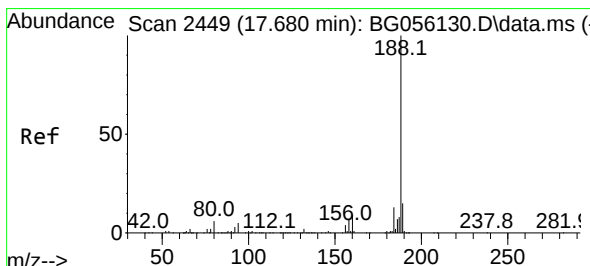
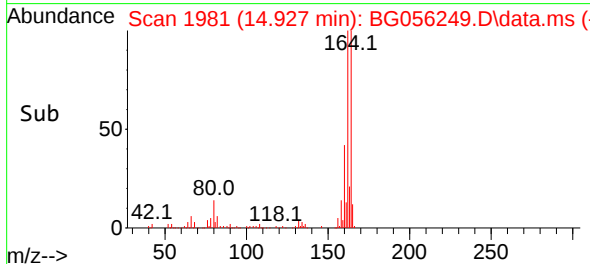
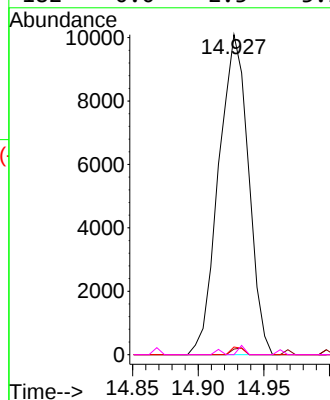
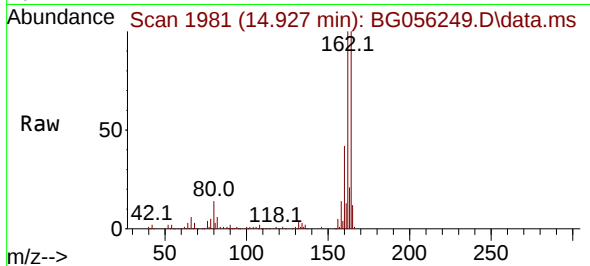




#57
2,4-Dinitrotoluene
Concen: 5.266 ng
RT: 14.927 min Scan# 1981
Delta R.T. -0.346 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

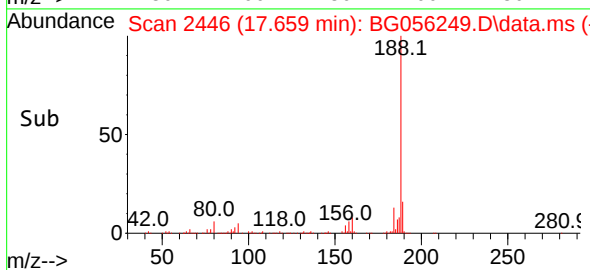
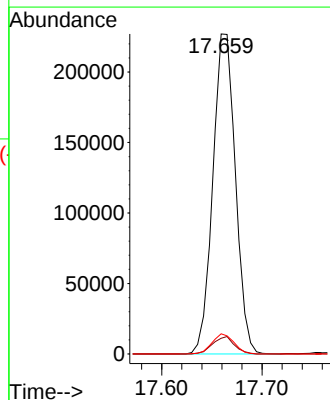
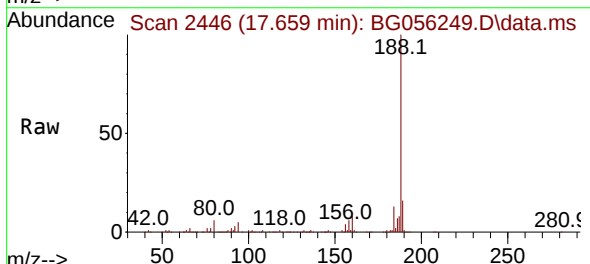
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ClientSampleId :
TP-201

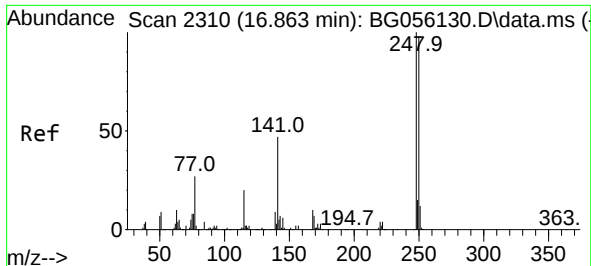
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Ion Ratio Lower Upper
165 100
63 1.8 22.6 34.0#
89 2.4 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion:188 Resp: 355088
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 6.3 5.0 7.4

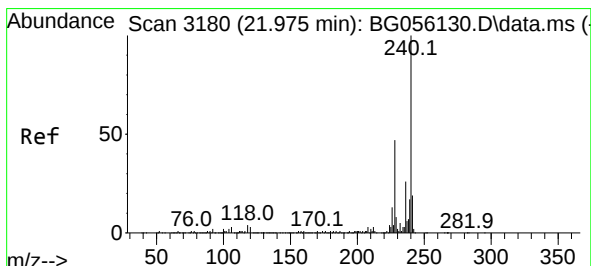
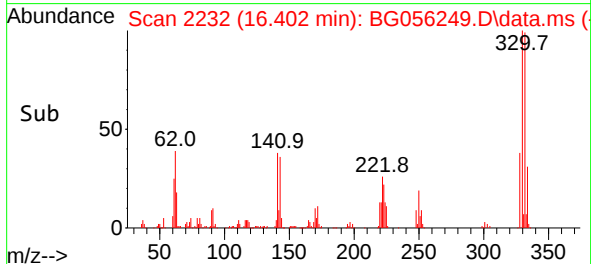
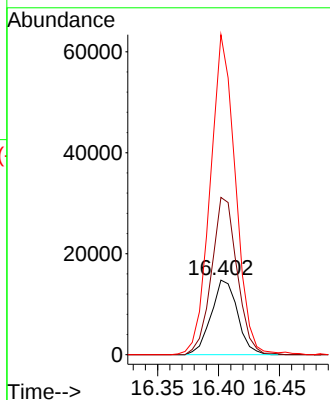
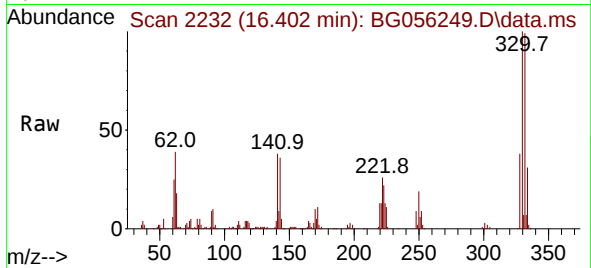




#67
4-Bromophenyl-phenylether
Concen: 4.916 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

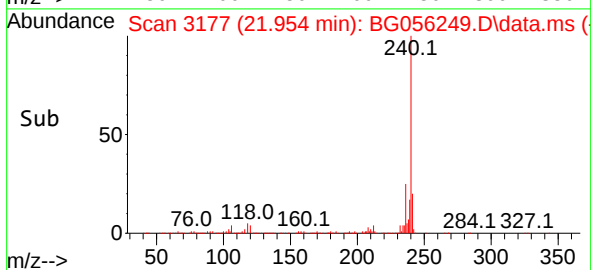
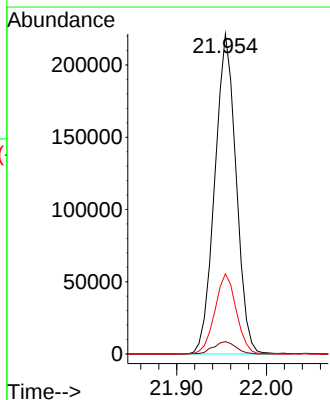
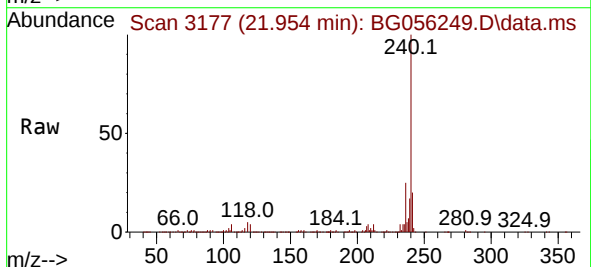
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BNA_G
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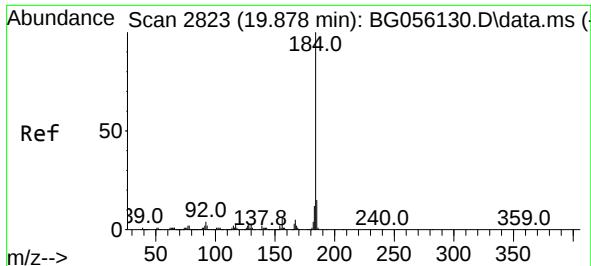
Tgt Ion:248 Resp: 22228
Ion Ratio Lower Upper
248 100
250 211.1 78.2 117.4#
141 429.5 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.954 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion:240 Resp: 365173
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.0 20.8 31.2

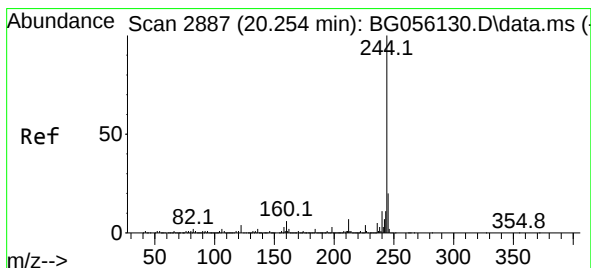
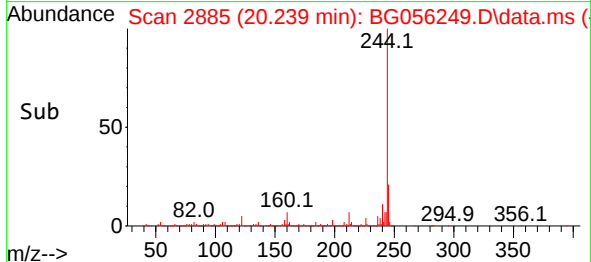
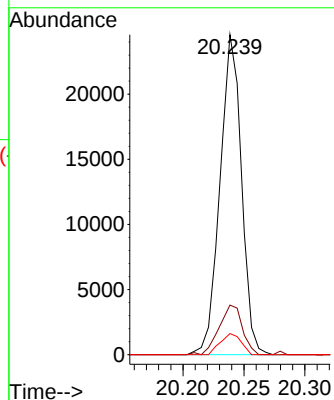
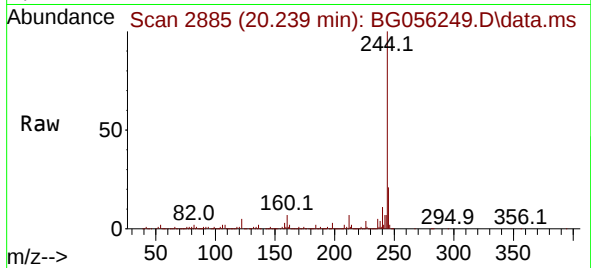




#77
Benzidine
Concen: 2.351 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.377 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

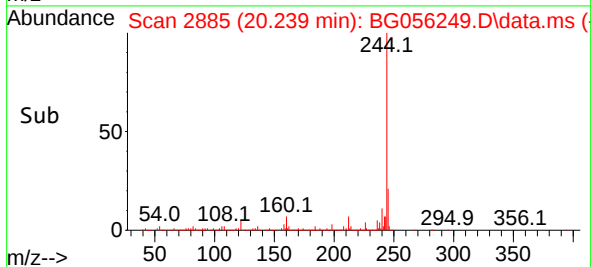
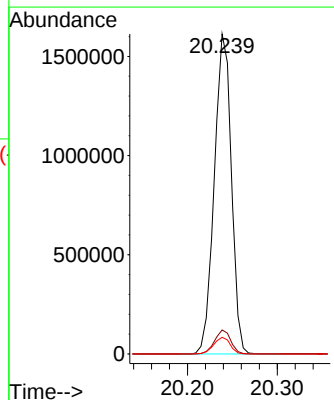
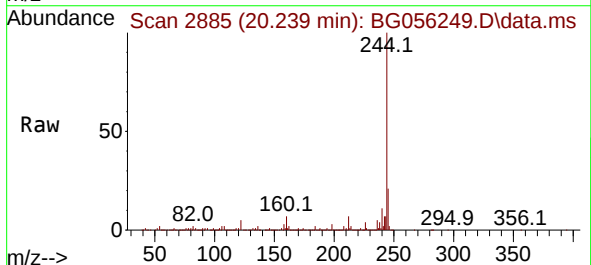
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ClientSampleId :
TP-201

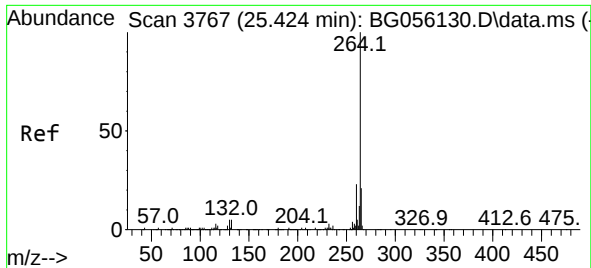
Tgt Ion:184 Resp: 30091
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 104.440 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.001 min
Lab File: BG056249.D
Acq: 11 Jan 2023 13:55

Tgt Ion:244 Resp: 2129409
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.397 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG056249.D
 Acq: 11 Jan 2023 13:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-201

Tgt Ion:264 Resp: 385144
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.6 16.7 25.1

