

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058556.D
 Acq On : 1 Aug 2023 10:34
 Operator : MA/JU
 Sample : 03769-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P31B

Quant Time: Aug 01 19:01:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

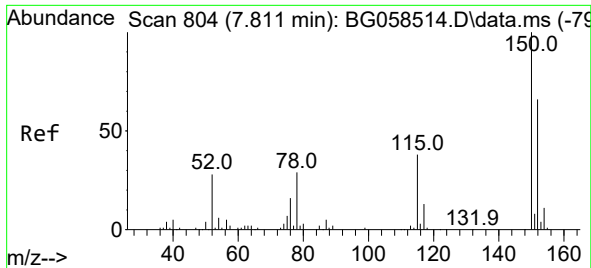
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	52306	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	220118	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	159197	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	364139	20.000	ng	0.00
76) Chrysene-d12	21.443	240	321970	20.000	ng	0.00
86) Perylene-d12	24.510	264	391922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	306116	89.452	ng	0.00
7) Phenol-d6	6.984	99	428409	89.967	ng	0.00
23) Nitrobenzene-d5	8.976	82	250258	55.852	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	186689	71.546	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	598522	56.342	ng	0.00
79) Terphenyl-d14	19.822	244	994866	58.107	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	30608	9.951	ng	# 82
50) Dimethylphthalate	13.911	163	41109	3.438	ng	100
51) 2,6-Dinitrotoluene	14.457	165	21036	8.019	ng	# 24
57) 2,4-Dinitrotoluene	14.457	165	21036	5.784	ng	# 24
67) 4-Bromophenyl-phenylether	15.956	248	11362	2.751	ng	# 1
77) Benzidine	19.822	184	12526	2.566	ng	# 86

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

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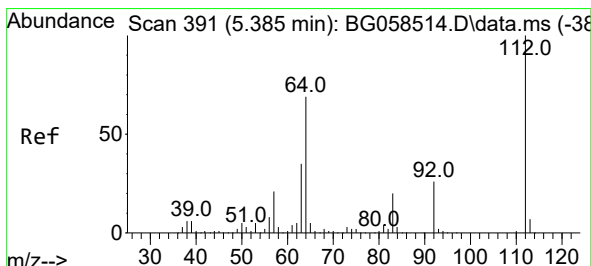
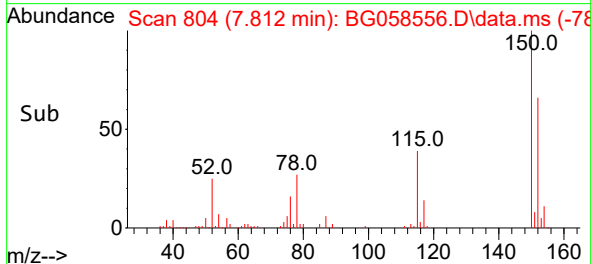
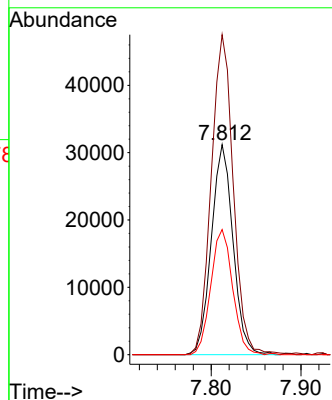
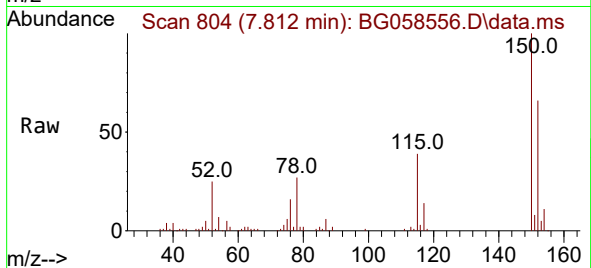




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

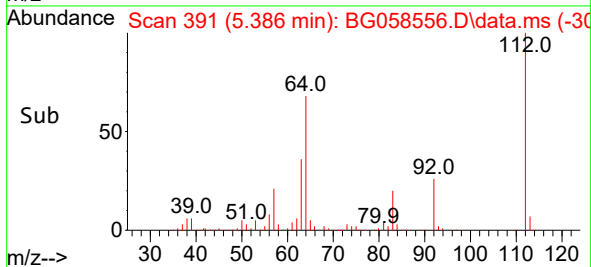
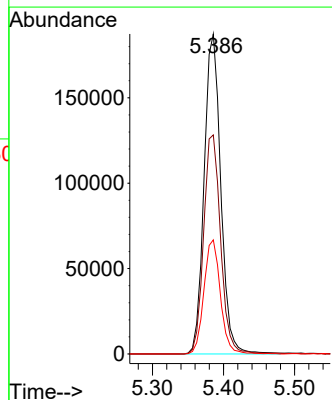
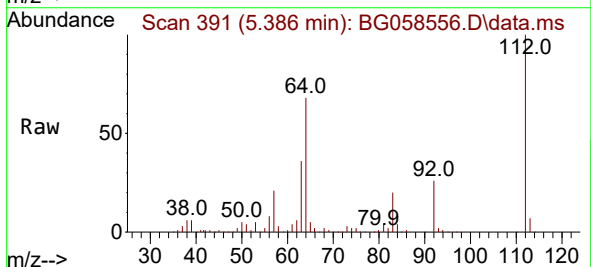
Instrument :
BNA_G
ClientSampleId :
B-P31B

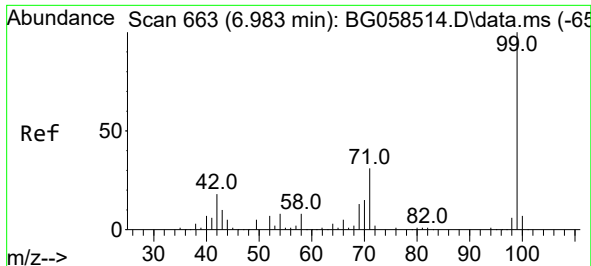
Tgt Ion:152 Resp: 52306
Ion Ratio Lower Upper
152 100
150 152.3 120.5 180.7
115 59.6 45.9 68.9



#5
2-Fluorophenol
Concen: 89.452 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion:112 Resp: 306116
Ion Ratio Lower Upper
112 100
64 68.4 55.3 82.9
63 35.7 28.3 42.5

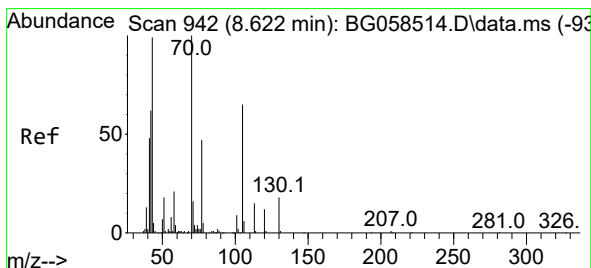
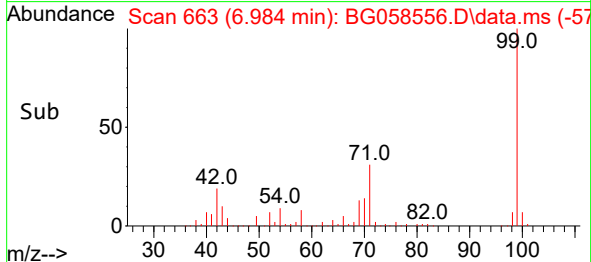
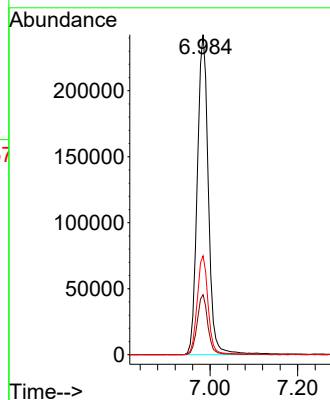
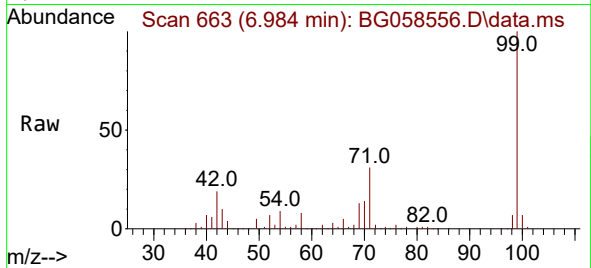




#7
Phenol-d6
Concen: 89.967 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

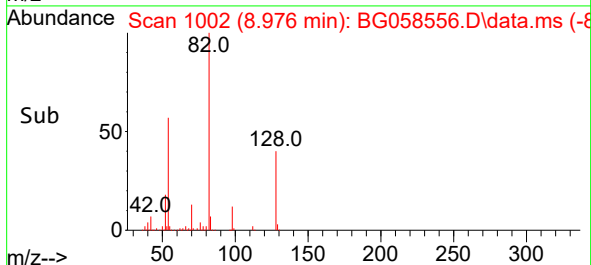
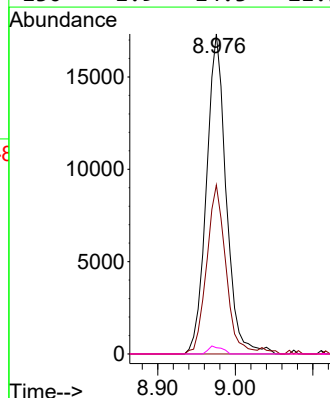
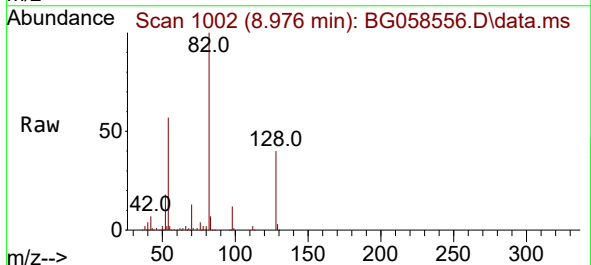
Instrument :
BNA_G
ClientSampleId :
B-P31B

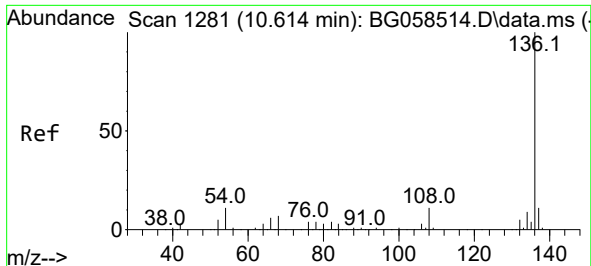
Tgt Ion: 99 Resp: 428409
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.951 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion: 70 Resp: 30608
Ion Ratio Lower Upper
70 100
42 52.8 49.7 74.5
101 0.0 7.0 10.4#
130 1.9 14.3 21.5#

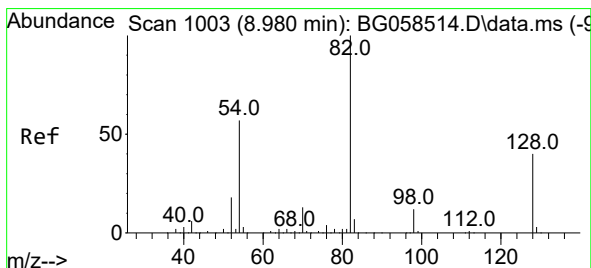
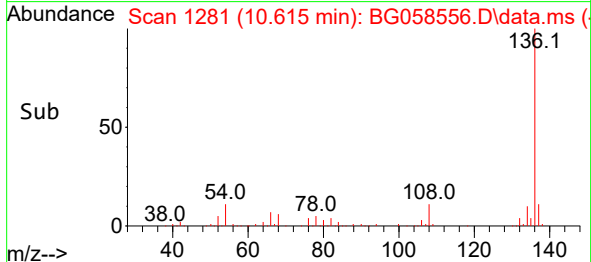
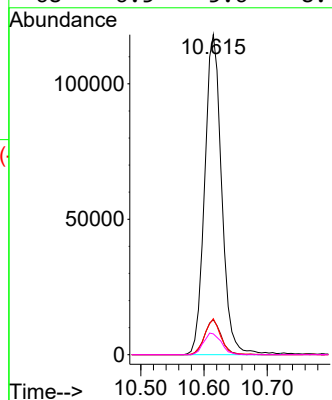
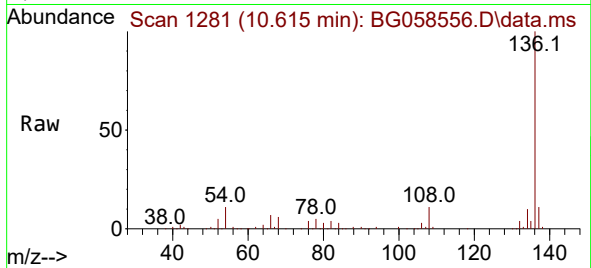




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

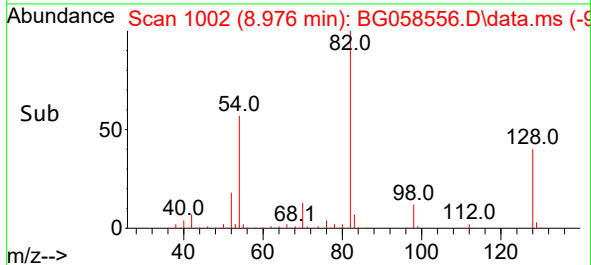
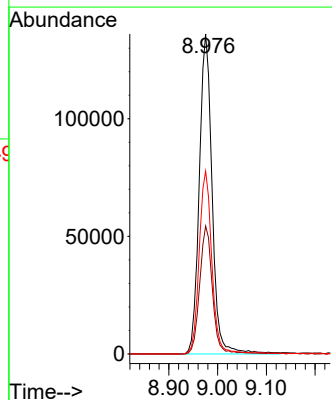
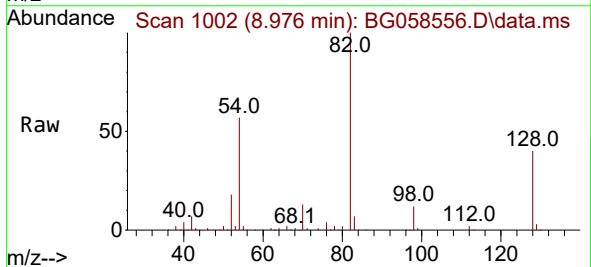
Instrument :
BNA_G
ClientSampleId :
B-P31B

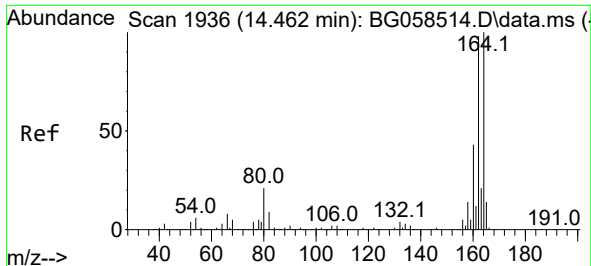
Tgt Ion:136 Resp: 220118
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.2 8.9 13.3
68 6.5 5.6 8.4



#23
Nitrobenzene-d5
Concen: 55.852 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion: 82 Resp: 250258
Ion Ratio Lower Upper
82 100
128 40.0 32.2 48.2
54 57.1 46.0 69.0

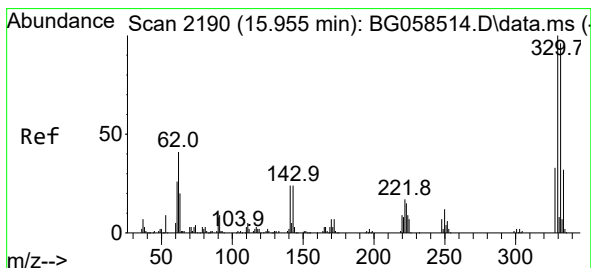
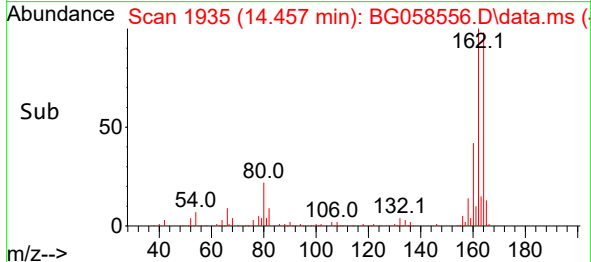
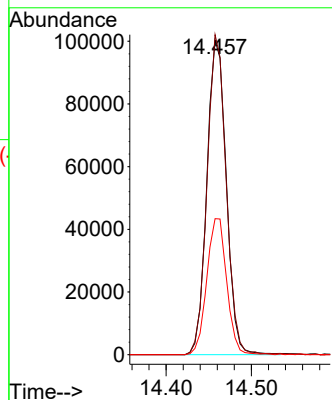
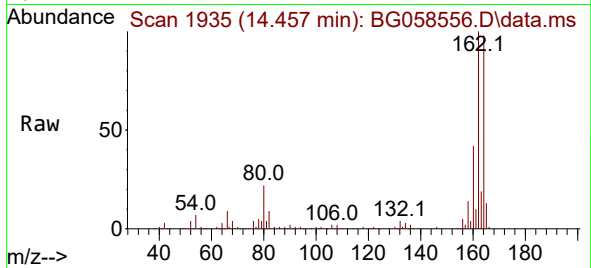




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

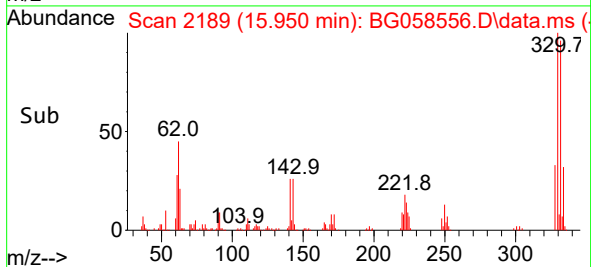
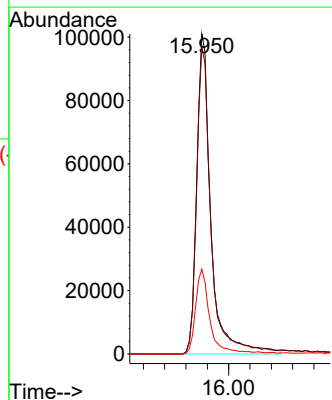
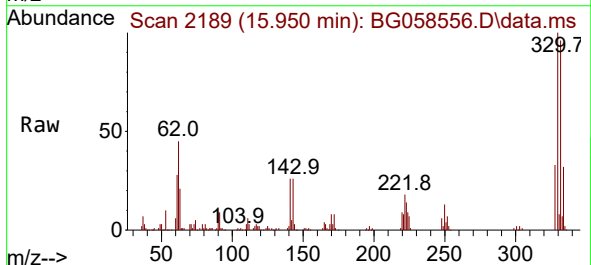
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ClientSampleId :
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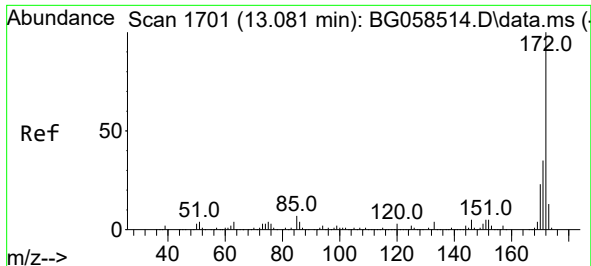
Tgt Ion:164 Resp: 159197
Ion Ratio Lower Upper
164 100
162 101.8 78.3 117.5
160 43.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 71.546 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion:330 Resp: 186689
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 26.8 20.7 31.1

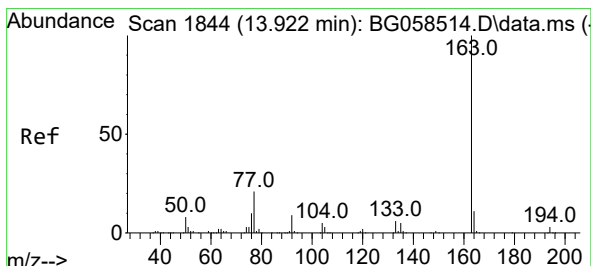
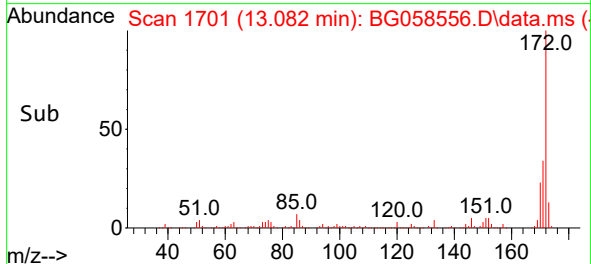
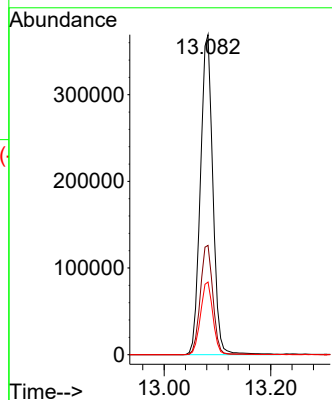
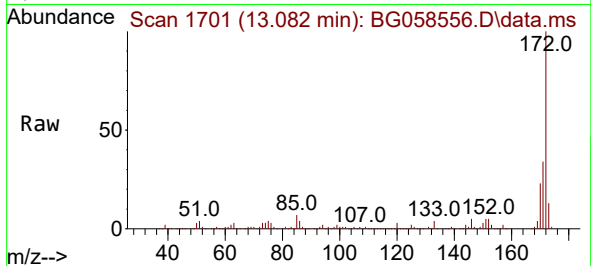




#45
2-Fluorobiphenyl
Concen: 56.342 ng
RT: 13.082 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

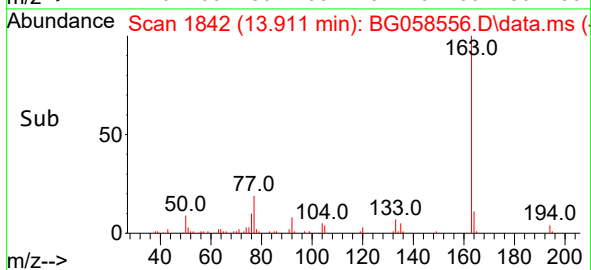
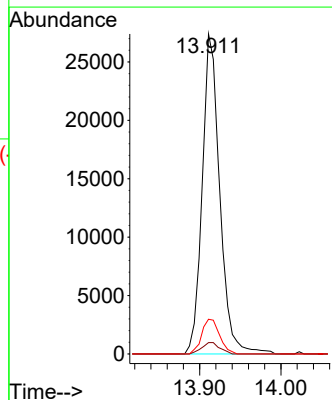
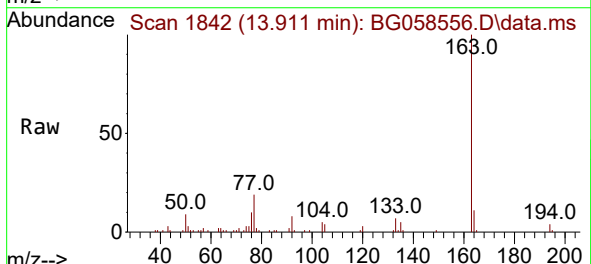
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ClientSampleId :
B-P31B

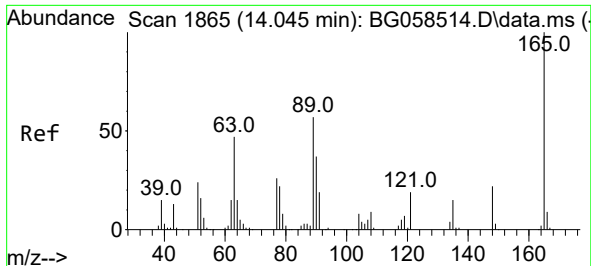
Tgt Ion:172 Resp: 598522
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.7 18.4 27.6



#50
Dimethylphthalate
Concen: 3.438 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion:163 Resp: 41109
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 8.6 12.8

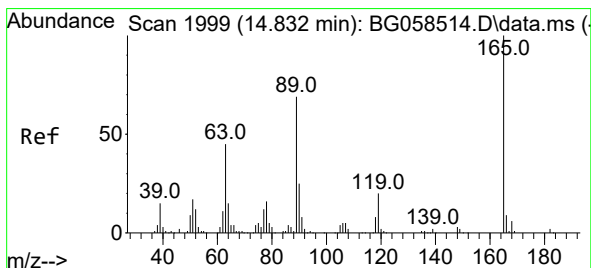
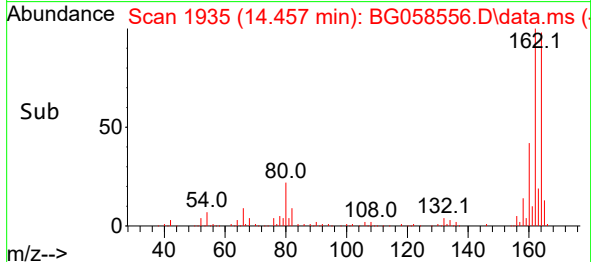
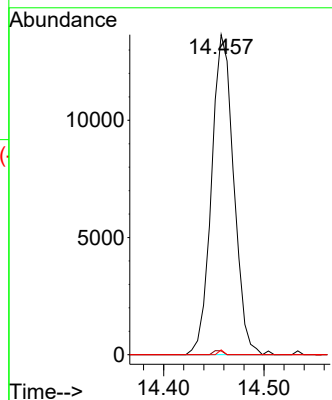
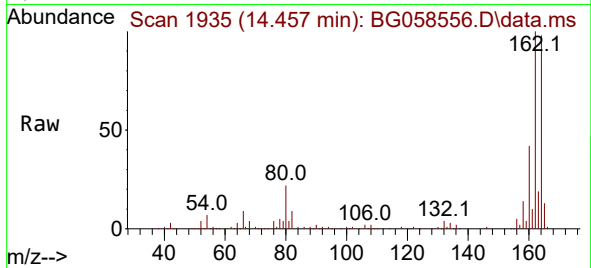




#51
2,6-Dinitrotoluene
Concen: 8.019 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

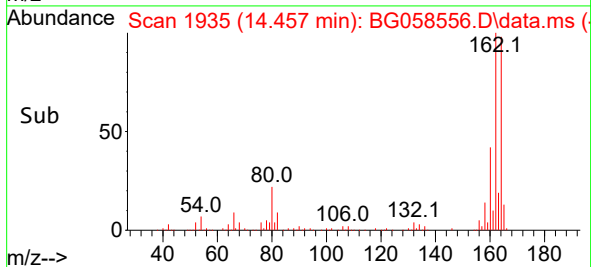
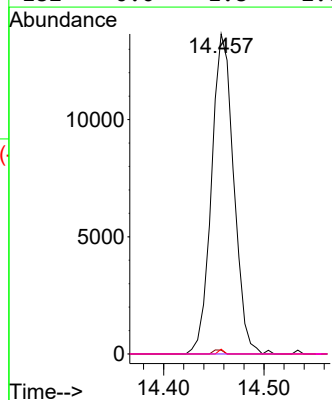
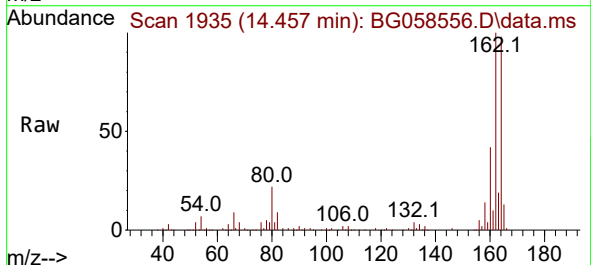
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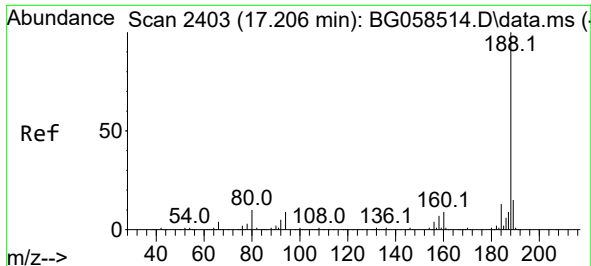
Tgt Ion:165 Resp: 21036
Ion Ratio Lower Upper
165 100
63 1.2 46.4 69.6#
89 1.5 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.784 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.375 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion:165 Resp: 21036
Ion Ratio Lower Upper
165 100
63 1.2 36.6 54.8#
89 1.5 55.4 83.0#
182 0.0 1.8 2.6#

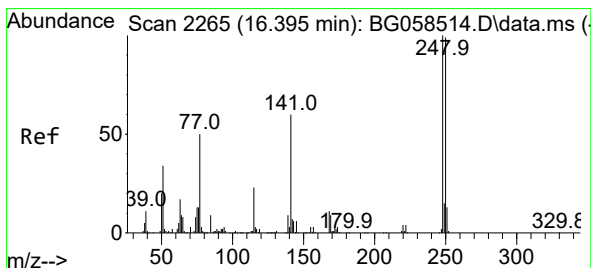
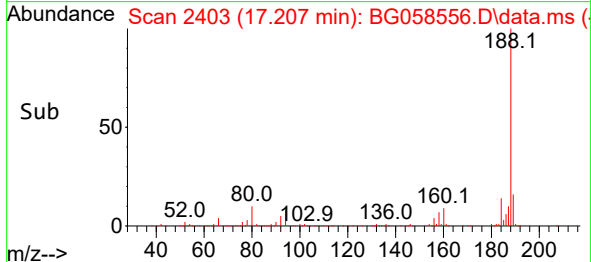
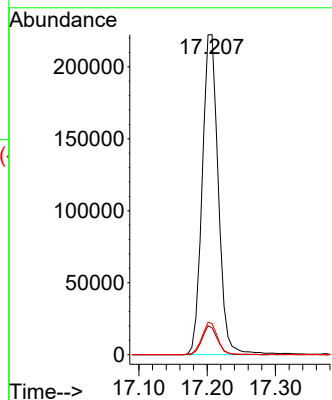
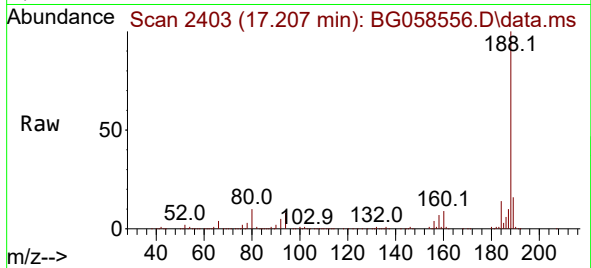




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

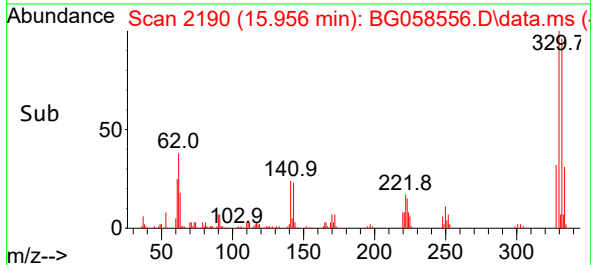
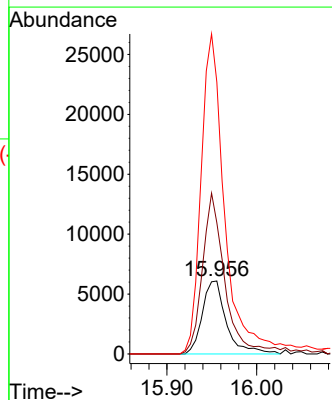
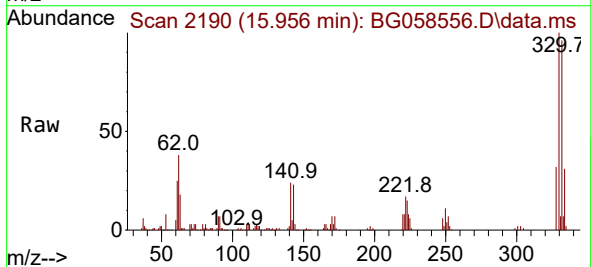
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B-P31B

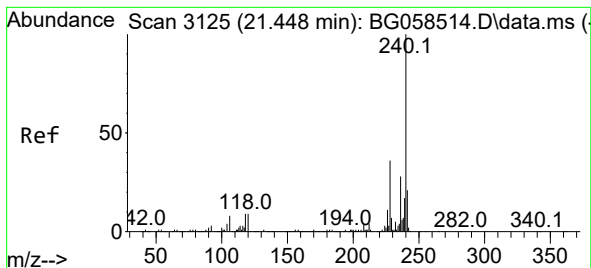
Tgt Ion:188 Resp: 364139
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.7 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 2.751 ng
RT: 15.956 min Scan# 2190
Delta R.T. -0.440 min
Lab File: BG058556.D
Acq: 1 Aug 2023 10:34

Tgt Ion:248 Resp: 11362
Ion Ratio Lower Upper
248 100
250 179.9 79.5 119.3#
141 372.9 48.2 72.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG058556.D

Acq: 1 Aug 2023 10:34

Instrument :

BNA_G

ClientSampleId :

B-P31B

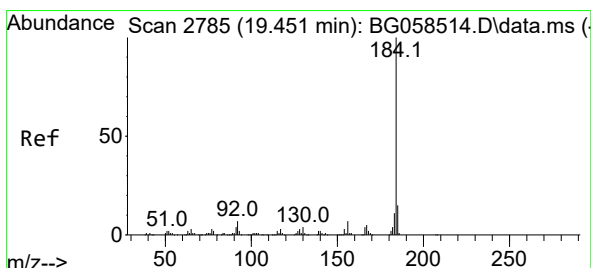
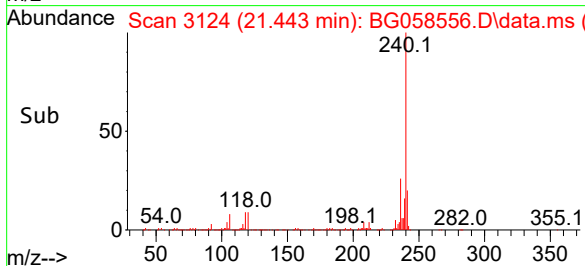
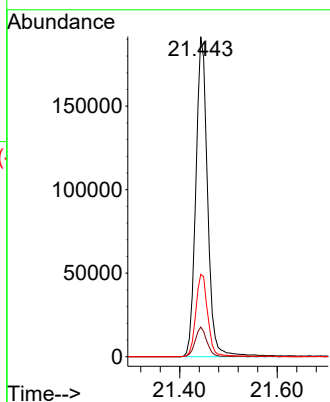
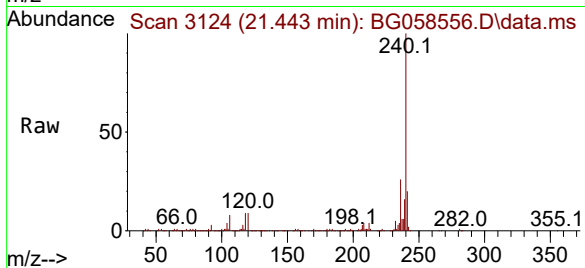
Tgt Ion:240 Resp: 321970

Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 25.7 22.2 33.4



#77

Benzidine

Concen: 2.566 ng

RT: 19.822 min Scan# 2848

Delta R.T. 0.371 min

Lab File: BG058556.D

Acq: 1 Aug 2023 10:34

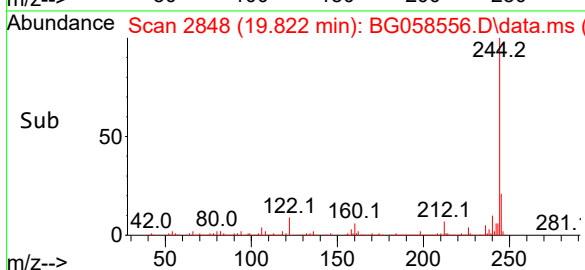
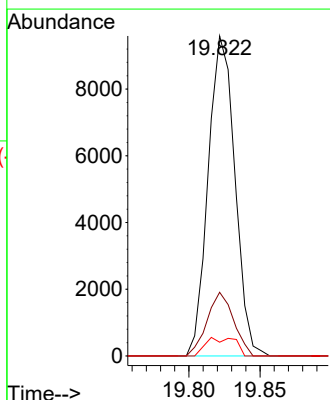
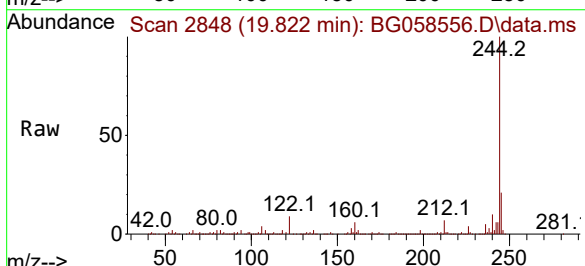
Tgt Ion:184 Resp: 12526

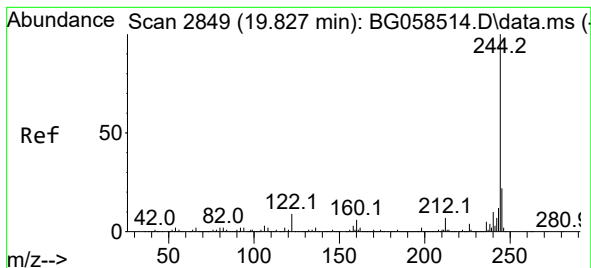
Ion Ratio Lower Upper

184 100

185 19.9 11.9 17.9#

183 4.3 8.7 13.1#





#79

Terphenyl-d14

Concen: 58.107 ng

RT: 19.822 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058556.D

Acq: 1 Aug 2023 10:34

Instrument :

BNA_G

ClientSampleId :

B-P31B

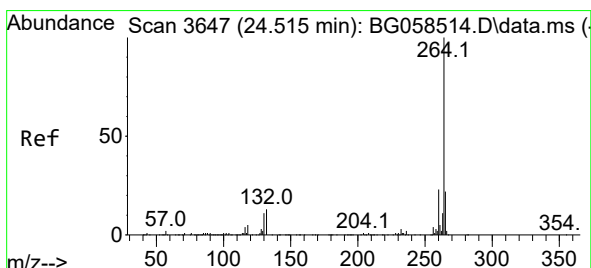
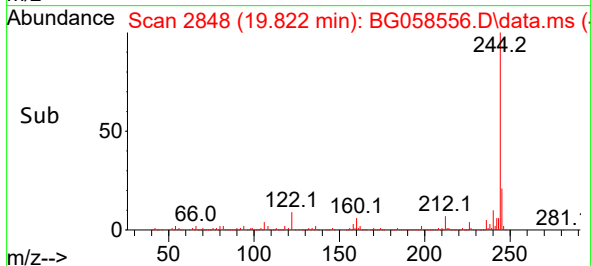
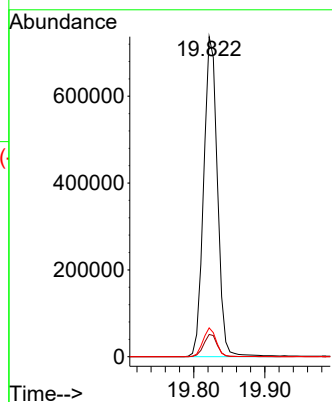
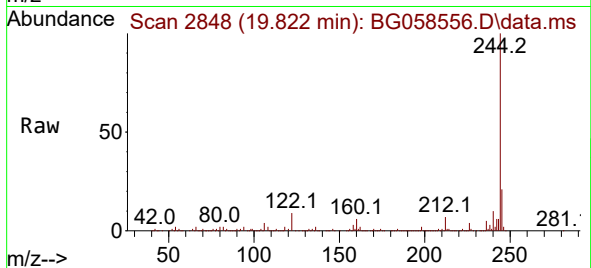
Tgt Ion:244 Resp: 994866

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.0 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.510 min Scan# 3646

Delta R.T. -0.005 min

Lab File: BG058556.D

Acq: 1 Aug 2023 10:34

Tgt Ion:264 Resp: 391922

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 22.0 17.9 26.9

