

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056276.D
 Acq On : 13 Jan 2023 13:45
 Operator : CG/JU
 Sample : PB150241BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BL

Quant Time: Jan 16 00:21:14 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

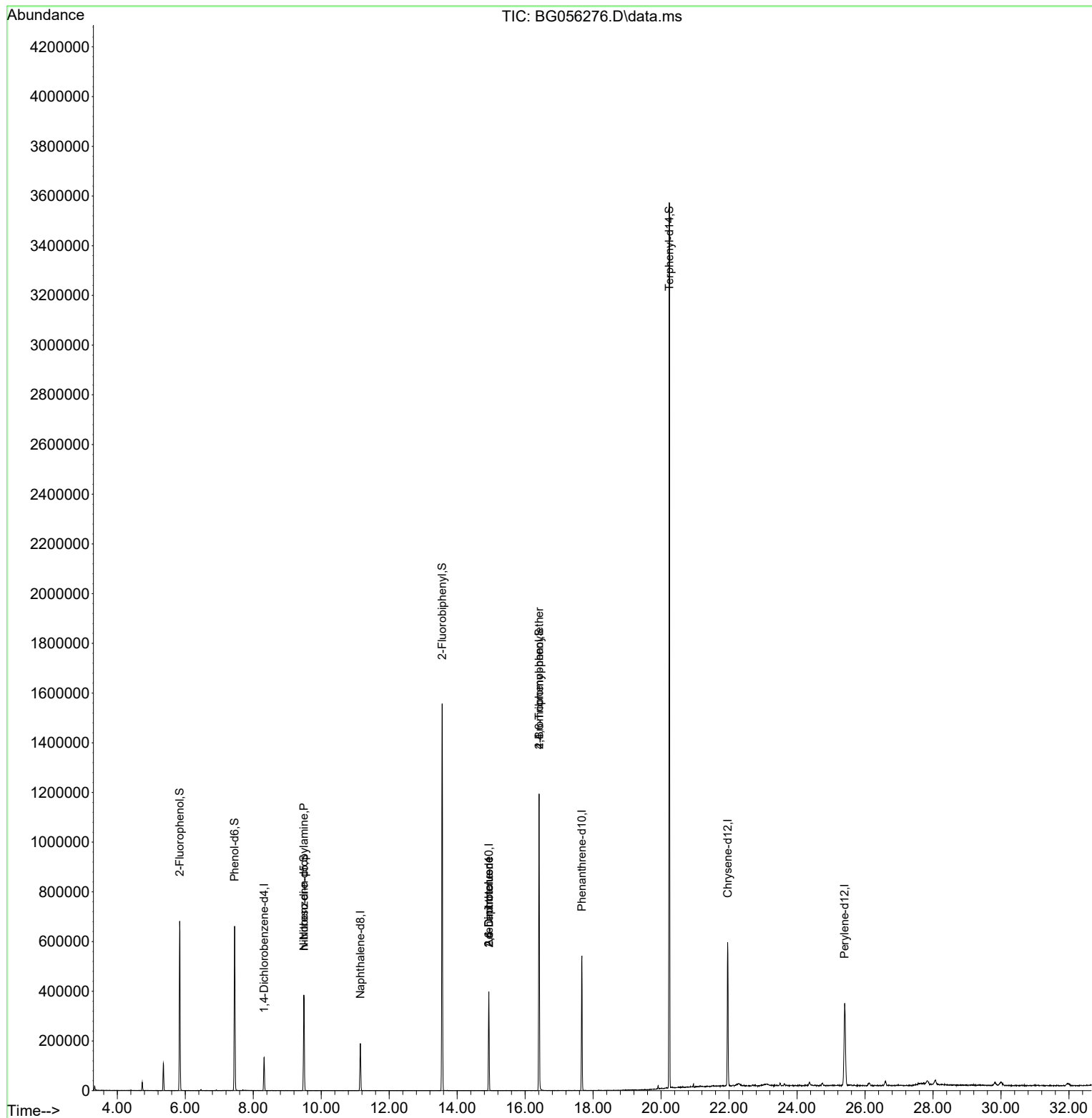
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.321	152	44972	20.000	ng	0.00
21) Naphthalene-d8	11.153	136	173563	20.000	ng	# 0.00
39) Acenaphthene-d10	14.931	164	152017	20.000	ng	0.00
64) Phenanthrene-d10	17.669	188	385896	20.000	ng	0.00
76) Chrysene-d12	21.958	240	416255	20.000	ng	# 0.00
86) Perylene-d12	25.401	264	404356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	379890	150.825	ng	0.00
7) Phenol-d6	7.451	99	526549	136.127	ng	0.00
23) Nitrobenzene-d5	9.490	82	280722	82.733	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	241270	125.317	ng	0.00
45) 2-Fluorobiphenyl	13.556	172	908770	82.551	ng	0.00
79) Terphenyl-d14	20.242	244	1886088	81.154	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.490	70	33774	14.359	ng	# 74
51) 2,6-Dinitrotoluene	14.931	165	21247	8.125	ng	# 33
57) 2,4-Dinitrotoluene	14.931	165	21247	5.810	ng	# 29
67) 4-Bromophenyl-phenylether	16.411	248	20774	4.228	ng	# 1

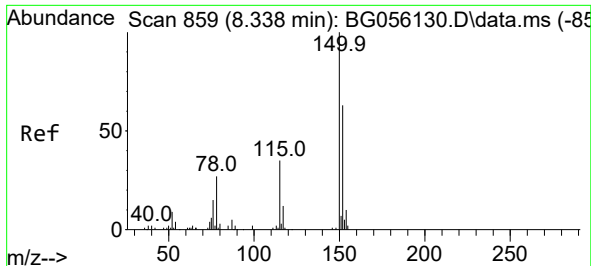
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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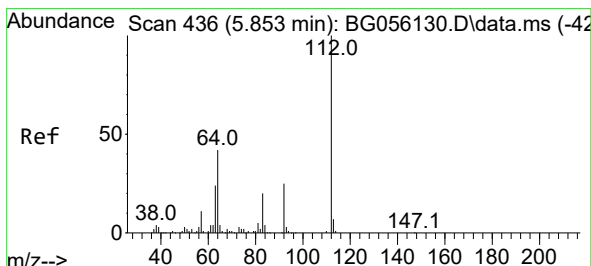
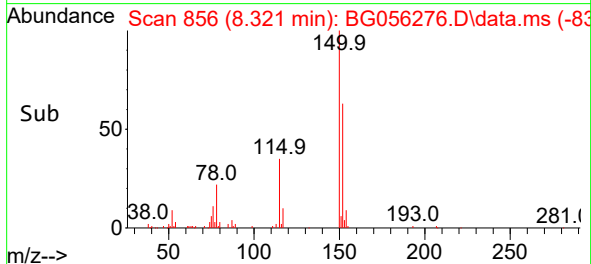
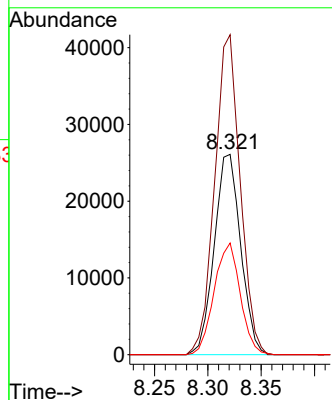
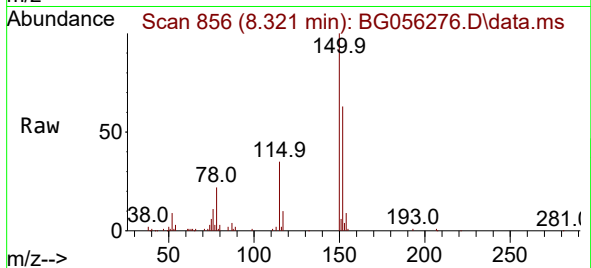




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.321 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

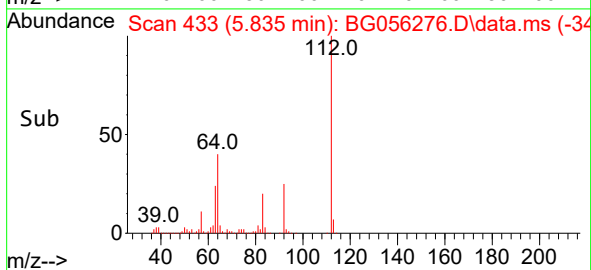
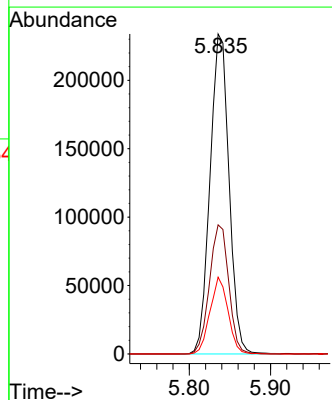
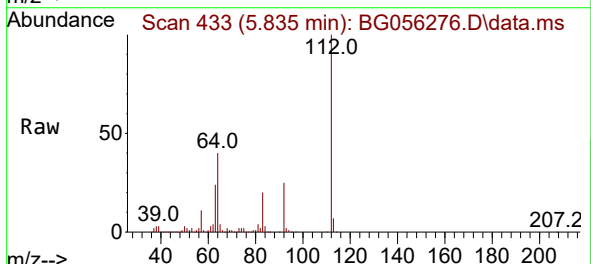
Instrument :
BNA_G
ClientSampleId :
PB150241BL

Tgt Ion:152 Resp: 44972
Ion Ratio Lower Upper
152 100
150 159.7 127.9 191.9
115 55.7 44.2 66.2



#5
2-Fluorophenol
Concen: 150.825 ng
RT: 5.835 min Scan# 433
Delta R.T. 0.010 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion:112 Resp: 379890
Ion Ratio Lower Upper
112 100
64 40.4 33.3 49.9
63 24.0 19.0 28.4

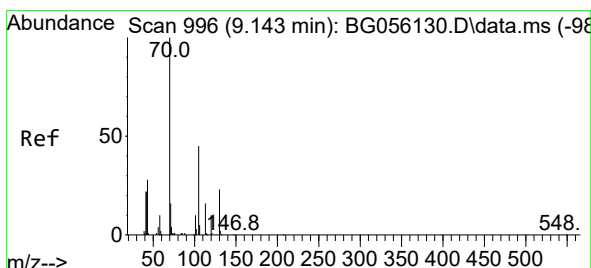
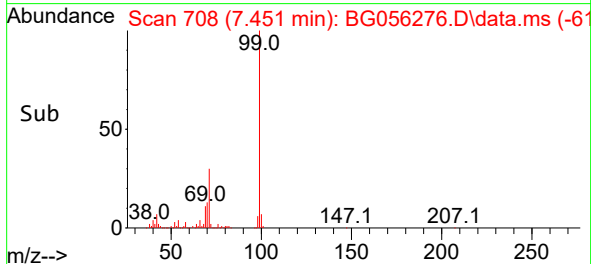
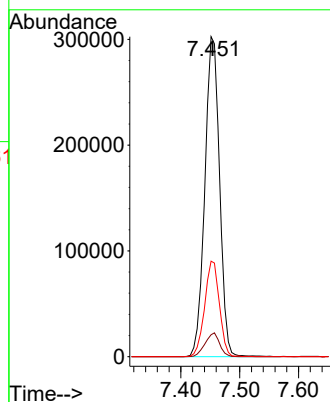
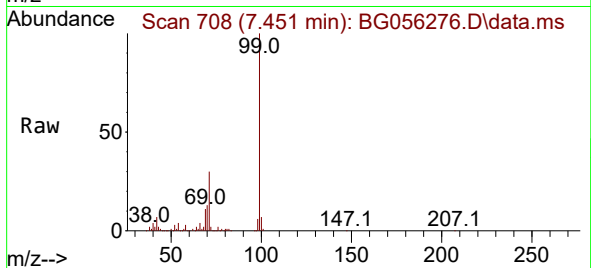




#7
Phenol-d6
Concen: 136.127 ng
RT: 7.451 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

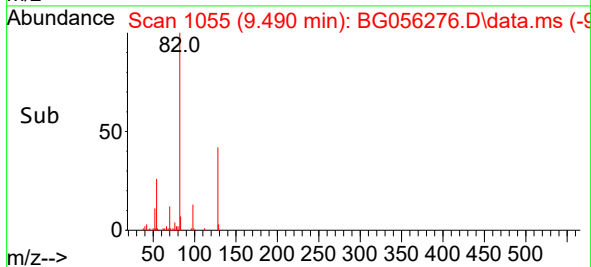
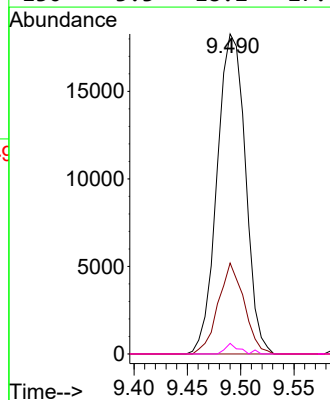
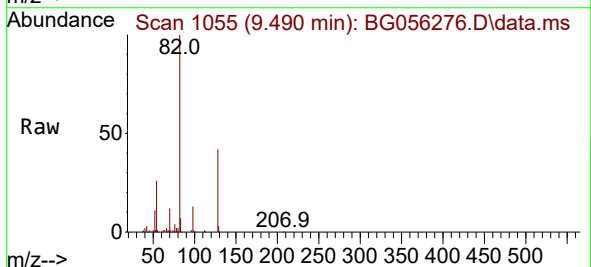
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ClientSampleId :
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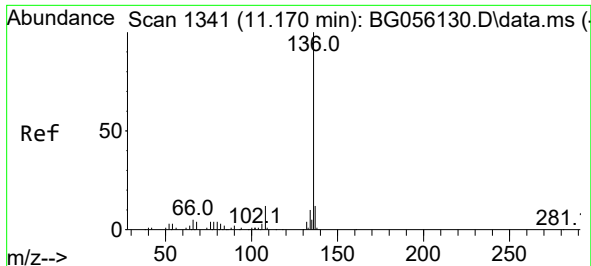
Tgt Ion: 99 Resp: 526549
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 29.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.359 ng
RT: 9.490 min Scan# 1055
Delta R.T. 0.374 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion: 70 Resp: 33774
Ion Ratio Lower Upper
70 100
42 28.4 18.2 27.2#
101 0.0 8.3 12.5#
130 3.3 18.2 27.4#

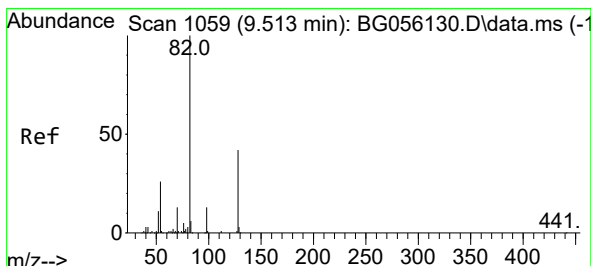
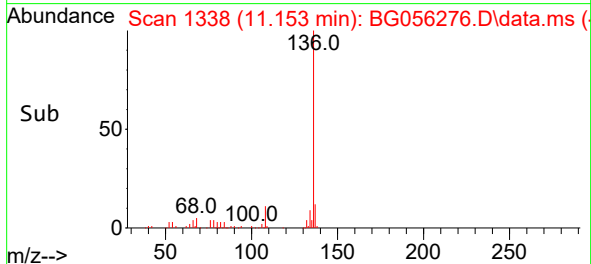
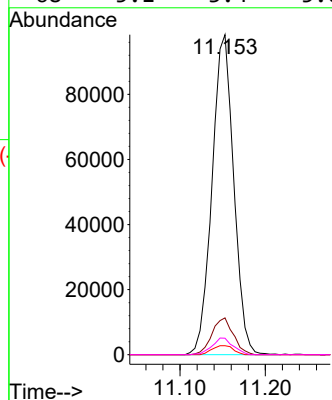
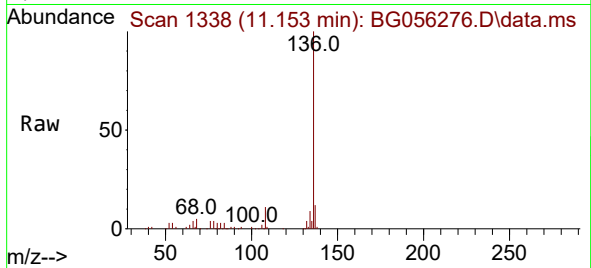




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.153 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

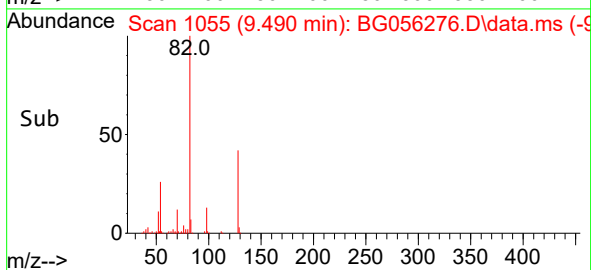
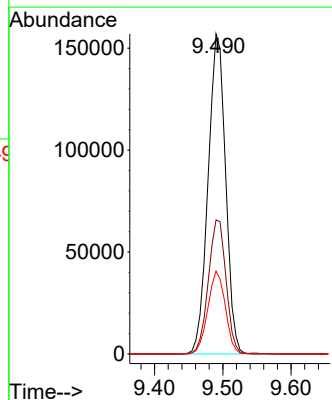
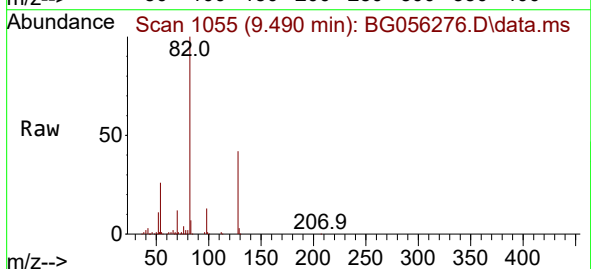
Instrument :
BNA_G
ClientSampleId :
PB150241BL

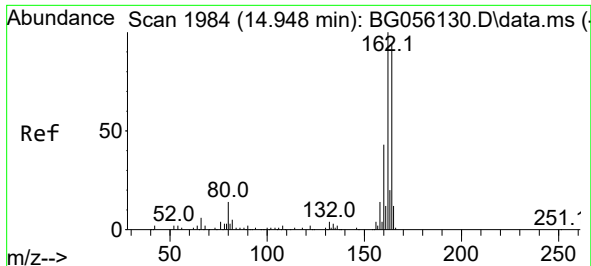
Tgt Ion:136 Resp: 173563
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.8 2.2 3.2
68 5.1 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 82.733 ng
RT: 9.490 min Scan# 1055
Delta R.T. -0.002 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion: 82 Resp: 280722
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.2
54 25.9 20.3 30.5

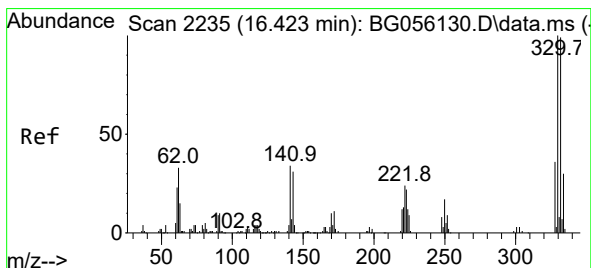
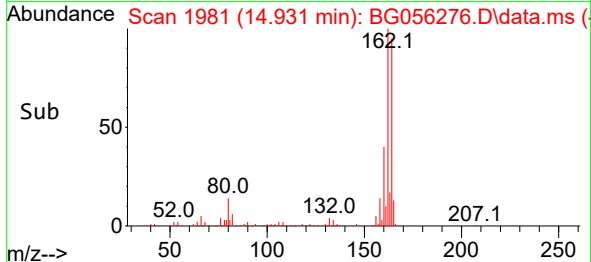
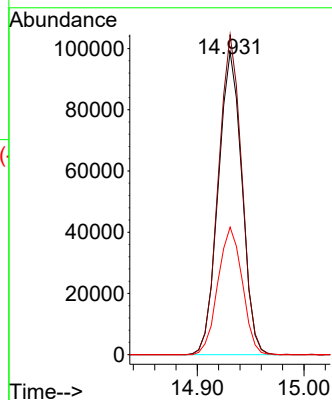
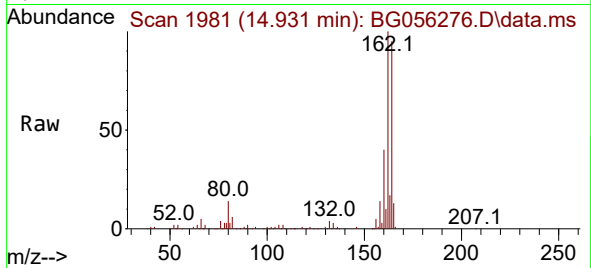




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.931 min Scan# 1984
Delta R.T. 0.004 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

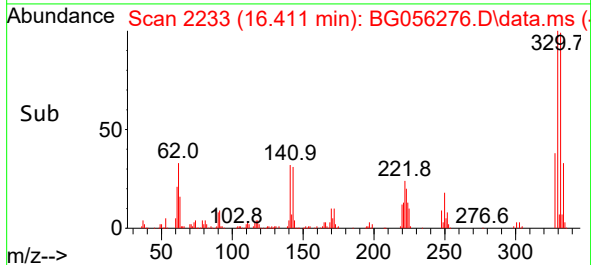
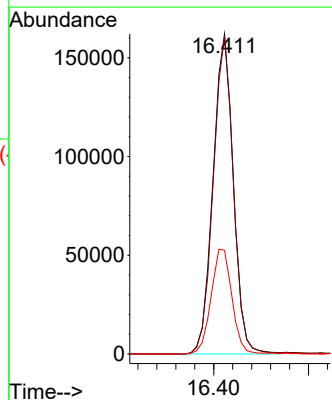
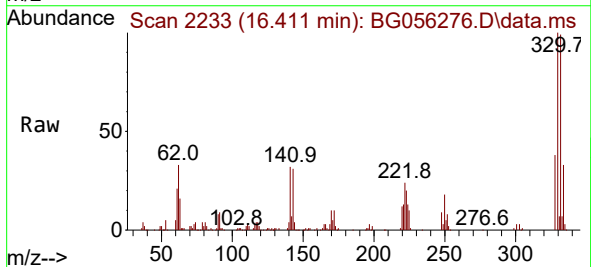
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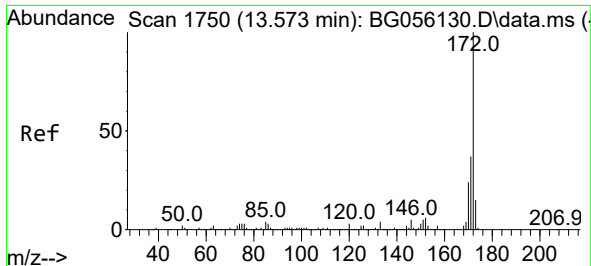
Tgt Ion:164 Resp: 152017
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 42.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 125.317 ng
RT: 16.411 min Scan# 2233
Delta R.T. 0.004 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion:330 Resp: 241270
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 33.8 27.9 41.9

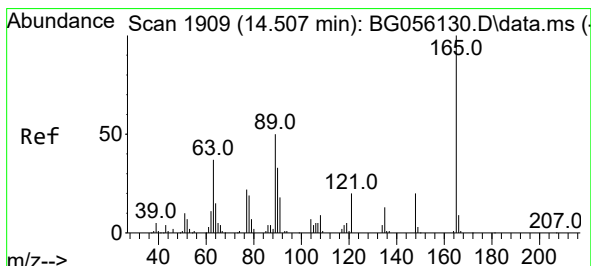
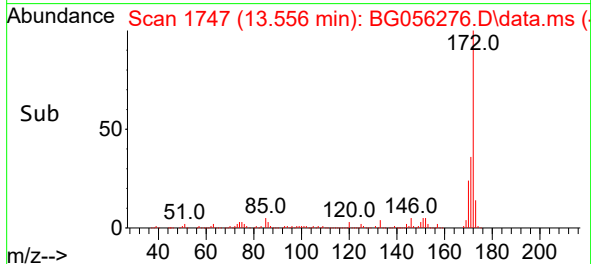
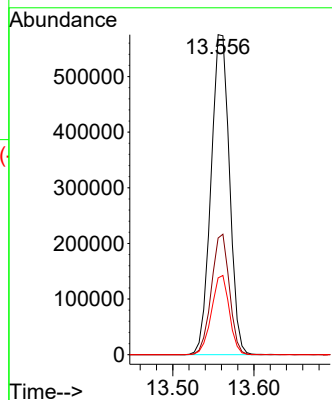
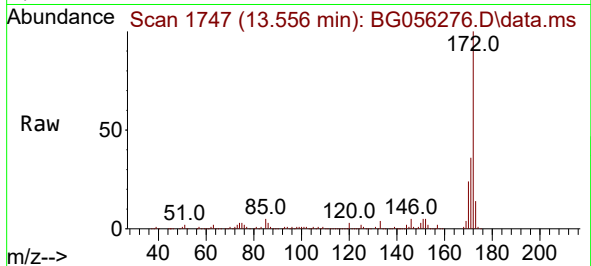




#45
2-Fluorobiphenyl
Concen: 82.551 ng
RT: 13.556 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

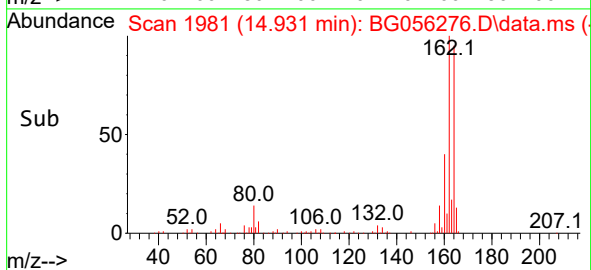
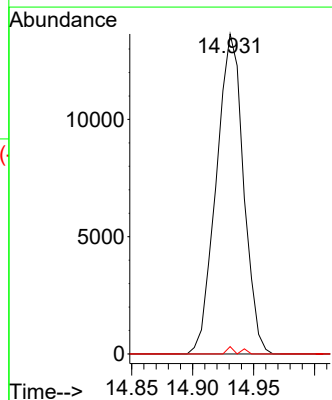
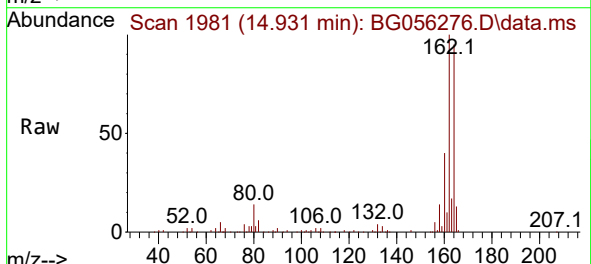
Instrument :
BNA_G
ClientSampleId :
PB150241BL

Tgt Ion:172 Resp: 908770
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 8.125 ng
RT: 14.931 min Scan# 1981
Delta R.T. 0.439 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion:165 Resp: 21247
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.3 39.8 59.8#

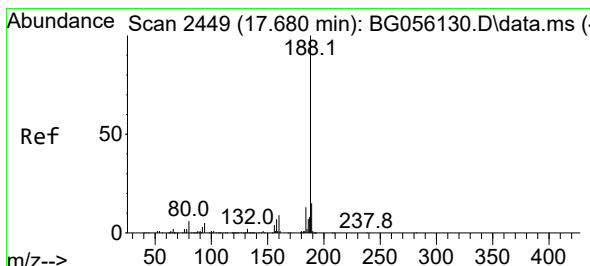
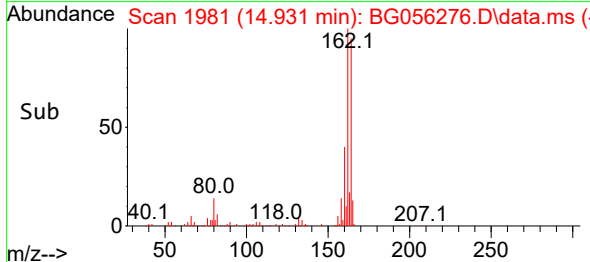
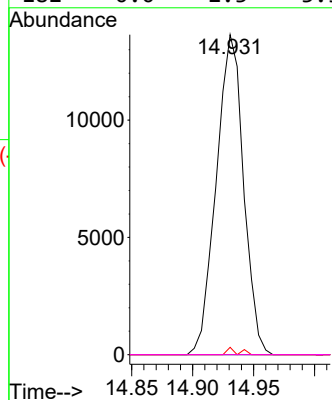
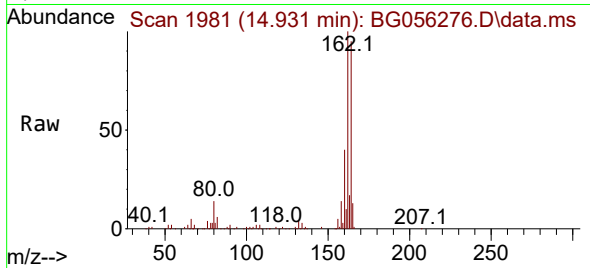




#57
2,4-Dinitrotoluene
Concen: 5.810 ng
RT: 14.931 min Scan# 1981
Delta R.T. -0.343 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

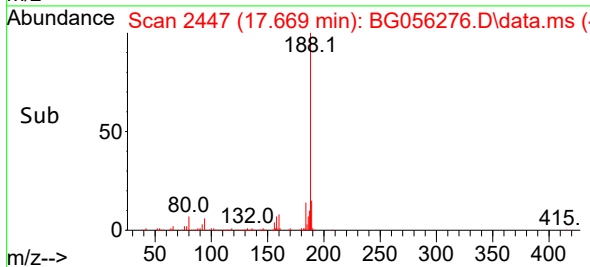
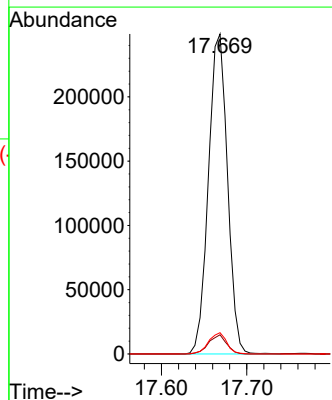
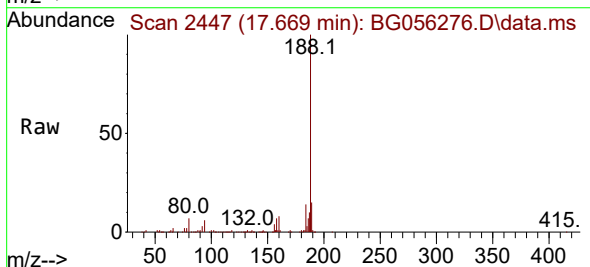
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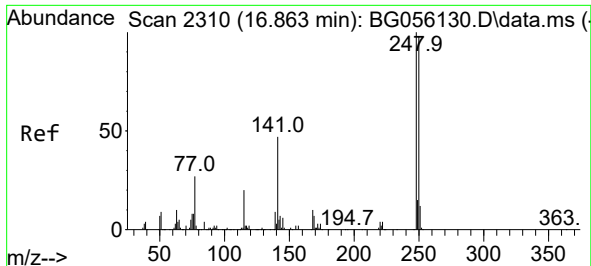
Tgt Ion:165 Resp: 21247
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.3 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.669 min Scan# 2447
Delta R.T. 0.004 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion:188 Resp: 385896
Ion Ratio Lower Upper
188 100
94 6.0 4.2 6.2
80 6.6 5.0 7.4

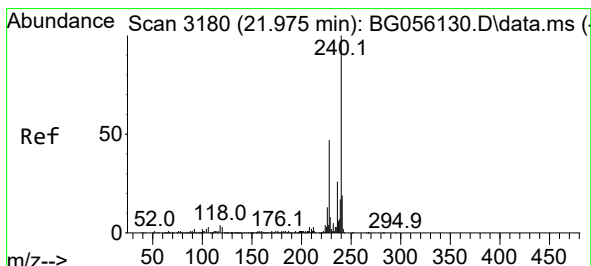
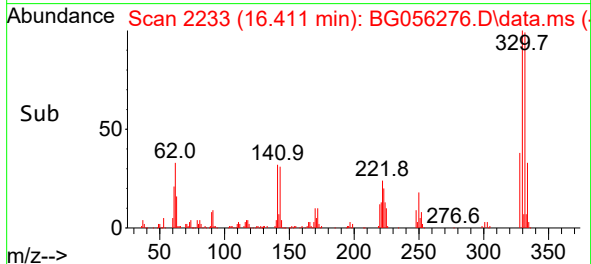
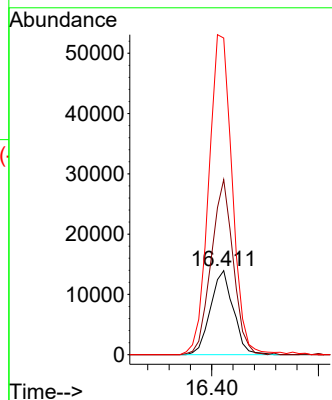
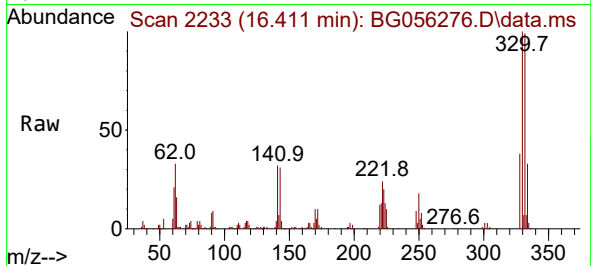




#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 16.411 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

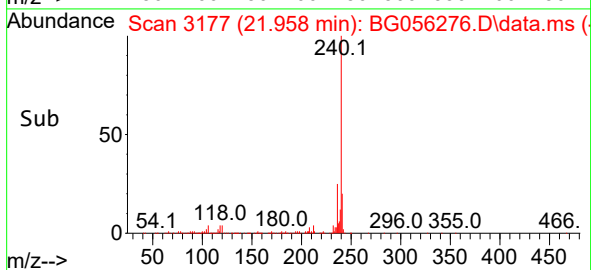
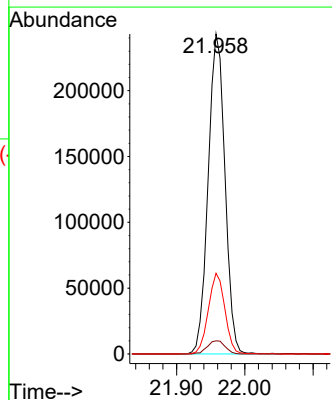
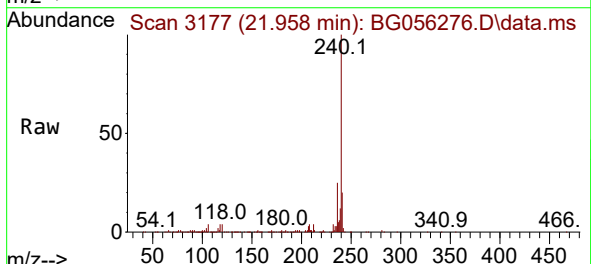
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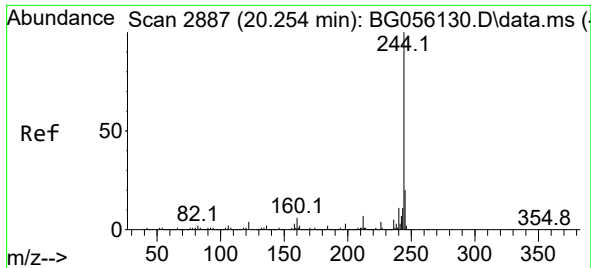
Tgt Ion:248 Resp: 20774
Ion Ratio Lower Upper
248 100
250 208.2 78.2 117.4#
141 376.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.958 min Scan# 3177
Delta R.T. -0.002 min
Lab File: BG056276.D
Acq: 13 Jan 2023 13:45

Tgt Ion:240 Resp: 416255
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.2 20.8 31.2

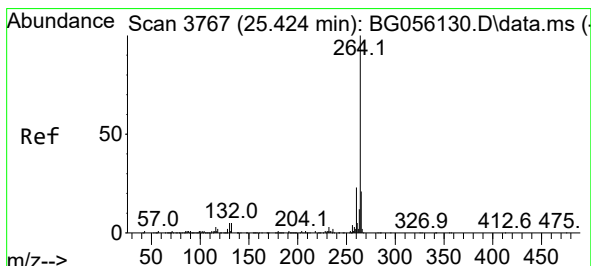
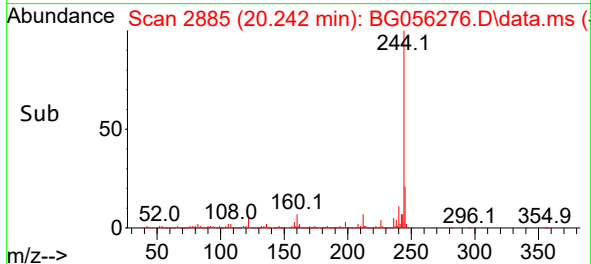
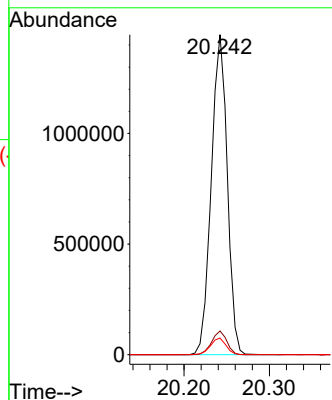
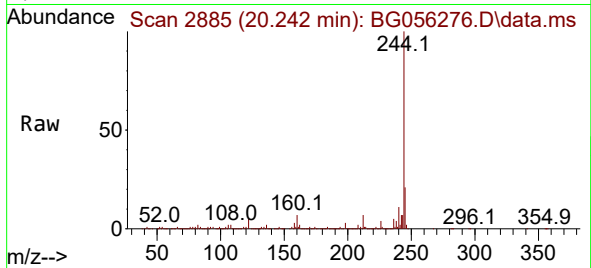




#79
 Terphenyl-d14
 Concen: 81.154 ng
 RT: 20.242 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG056276.D
 Acq: 13 Jan 2023 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BL

Tgt Ion:244 Resp: 1886088
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.401 min Scan# 3763
 Delta R.T. -0.002 min
 Lab File: BG056276.D
 Acq: 13 Jan 2023 13:45

Tgt Ion:264 Resp: 404356
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.3 16.7 25.1

