

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060014.D
 Acq On : 14 Dec 2023 16:11
 Operator : MA/JU
 Sample : PB157712BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157712BL

Quant Time: Dec 15 02:34:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

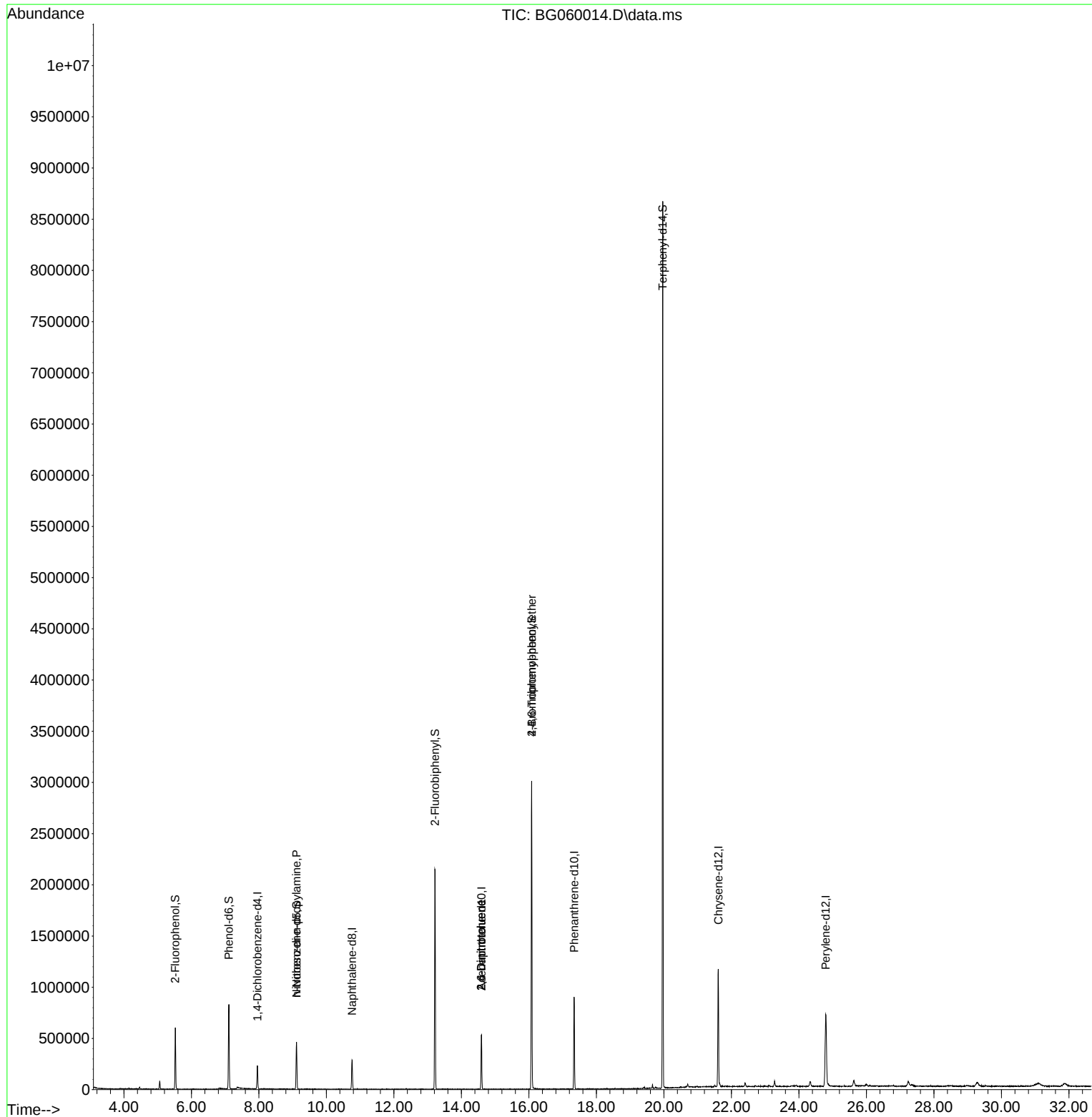
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	60511	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	228334	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	191632	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	614224	20.000	ng	# 0.00
76) Chrysene-d12	21.609	240	773152	20.000	ng	# 0.00
86) Perylene-d12	24.794	264	897146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	213214	60.318	ng	0.00
7) Phenol-d6	7.109	99	403634	81.177	ng	0.00
23) Nitrobenzene-d5	9.112	82	266836	53.065	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	723617	162.031	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1194935	76.317	ng	0.00
79) Terphenyl-d14	19.964	244	4340137	102.487	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.112	70	36473	11.369	ng	# 75
51) 2,6-Dinitrotoluene	14.588	165	24518	7.957	ng	# 24
57) 2,4-Dinitrotoluene	14.588	165	24518	5.660	ng	# 27
67) 4-Bromophenyl-phenylether	16.080	248	43775	5.051	ng	# 1
69) Atrazine	16.791	200	492	Below Cal		76

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

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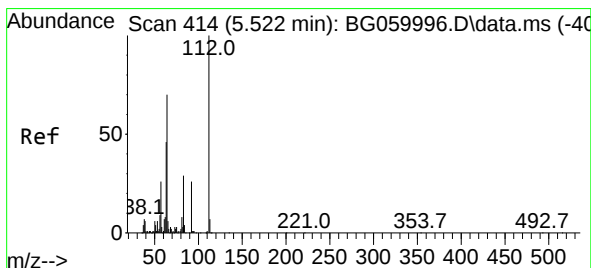
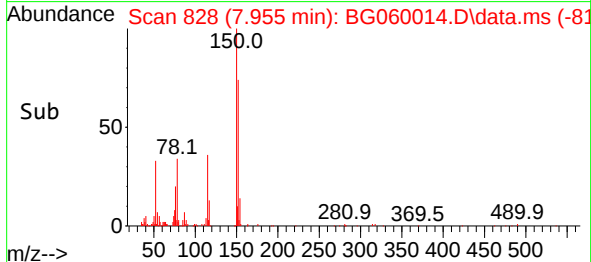
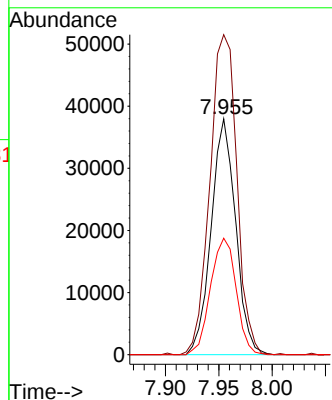
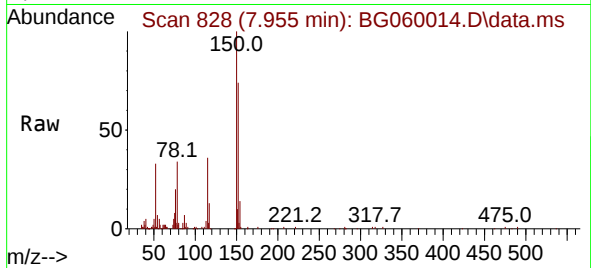




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

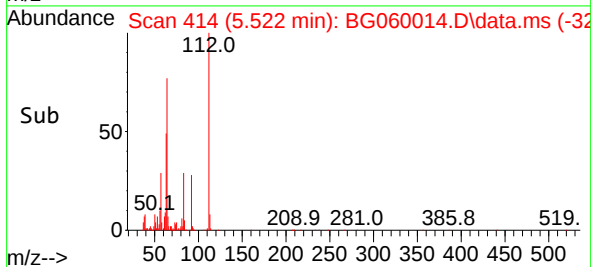
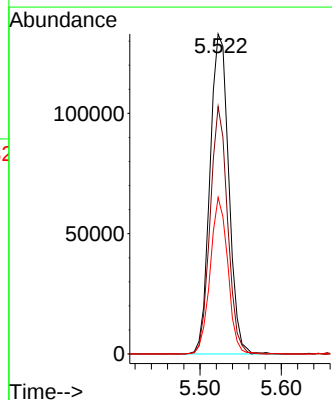
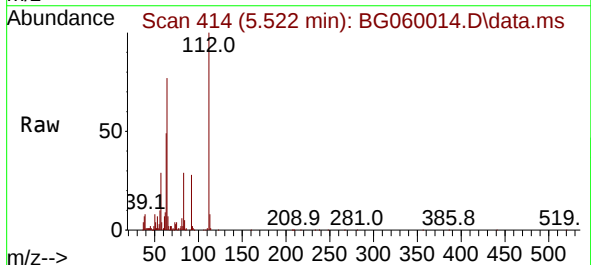
Instrument :
BNA_G
ClientSampleId :
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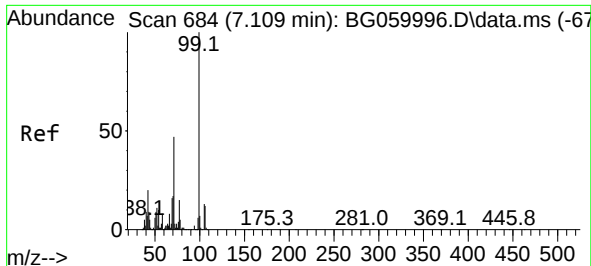
Tgt Ion:152 Resp: 60511
Ion Ratio Lower Upper
152 100
150 135.6 127.0 190.6
115 49.4 45.7 68.5



#5
2-Fluorophenol
Concen: 60.318 ng
RT: 5.522 min Scan# 414
Delta R.T. 0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

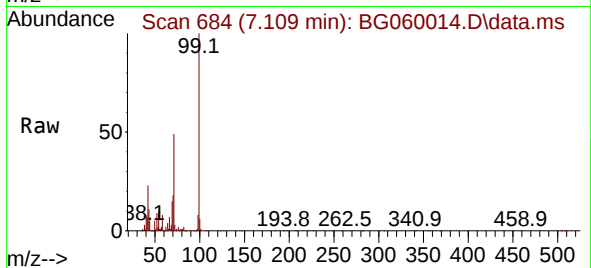
Tgt Ion:112 Resp: 213214
Ion Ratio Lower Upper
112 100
64 77.3 55.9 83.9
63 48.9 36.5 54.7



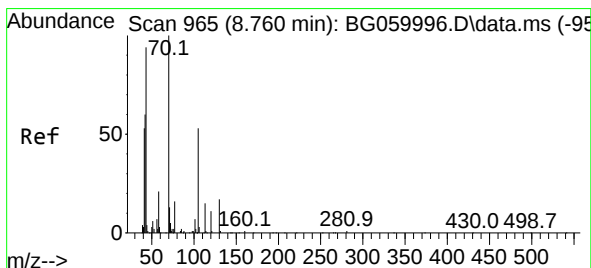
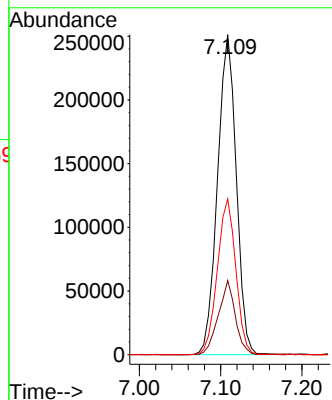
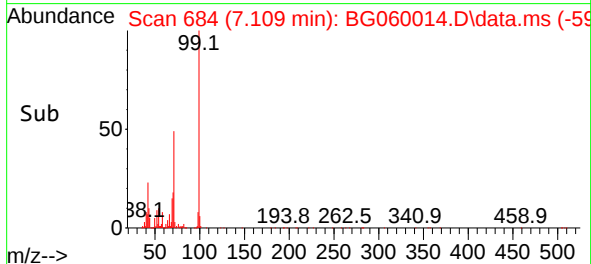


#7
Phenol-d6
Concen: 81.177 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

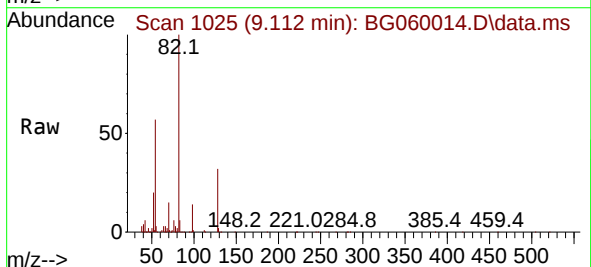
Instrument :
BNA_G
ClientSampleId :
PB157712BL



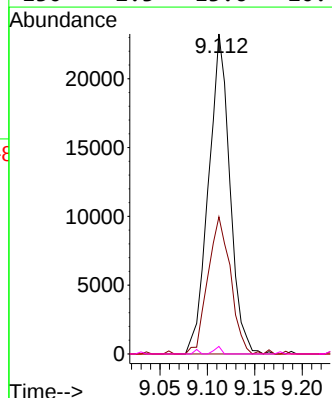
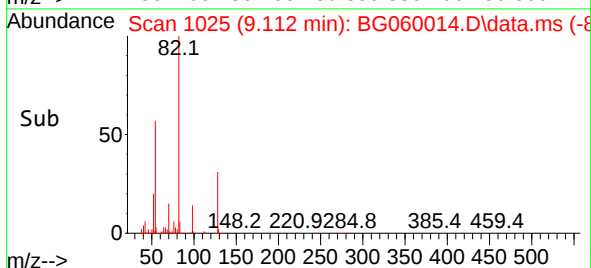
Tgt Ion: 99 Resp: 403634
Ion Ratio Lower Upper
99 100
42 23.2 16.2 24.4
71 48.6 37.6 56.4

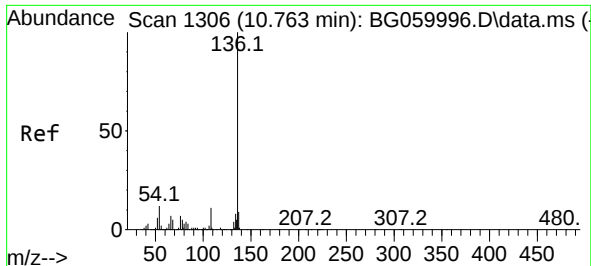


#19
n-Nitroso-di-n-propylamine
Concen: 11.369 ng
RT: 9.112 min Scan# 1025
Delta R.T. 0.352 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11



Tgt Ion: 70 Resp: 36473
Ion Ratio Lower Upper
70 100
42 42.9 48.6 73.0#
101 0.0 5.7 8.5#
130 2.3 13.6 20.4#

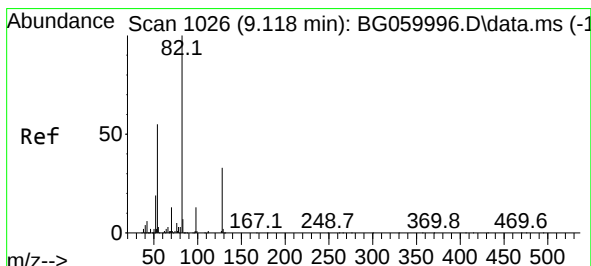
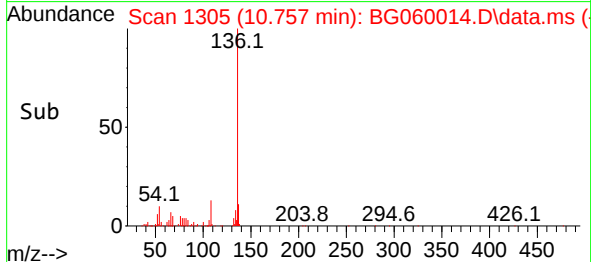
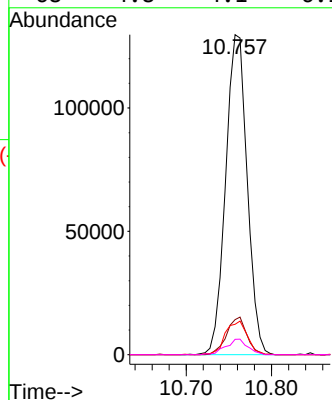
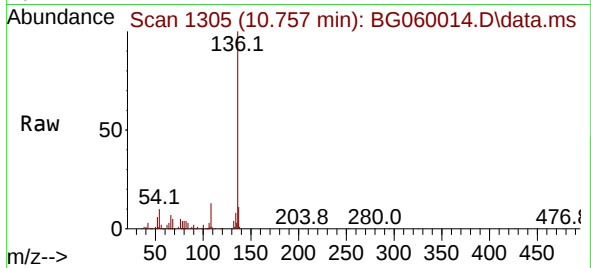




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

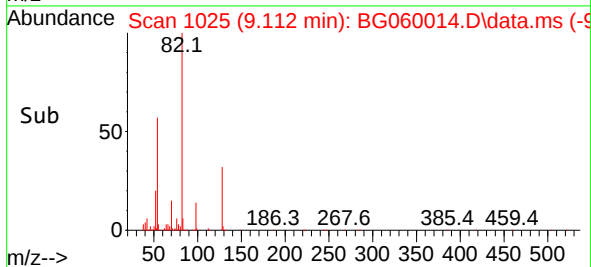
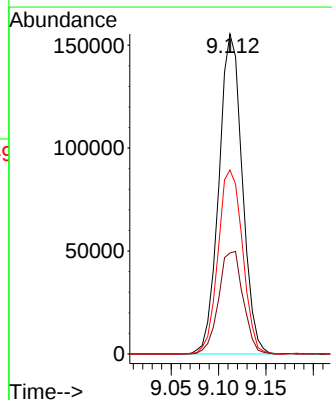
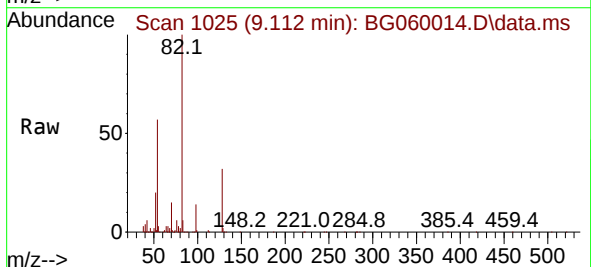
Instrument :
BNA_G
ClientSampleId :
PB157712BL

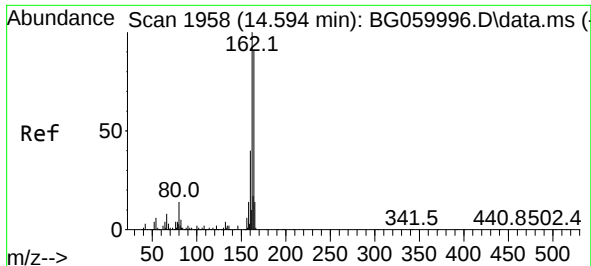
Tgt Ion:136 Resp: 228334
Ion Ratio Lower Upper
136 100
137 11.0 7.3 10.9#
54 9.5 9.6 14.4#
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 53.065 ng
RT: 9.112 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion: 82 Resp: 266836
Ion Ratio Lower Upper
82 100
128 31.5 26.3 39.5
54 57.5 44.3 66.5

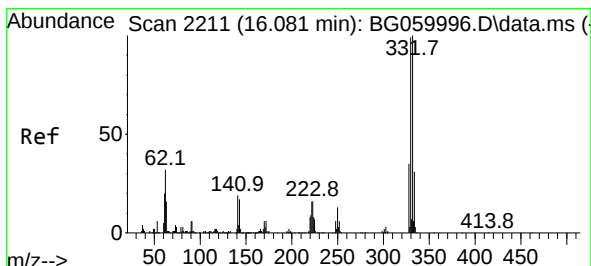
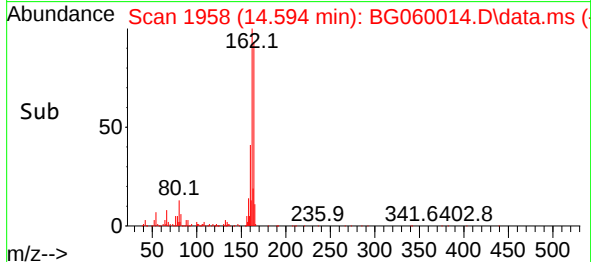
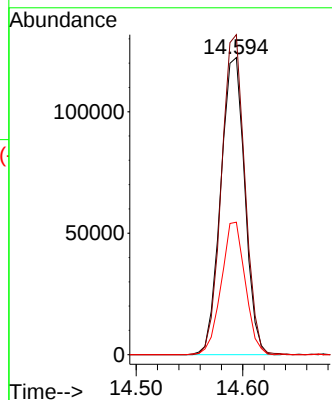
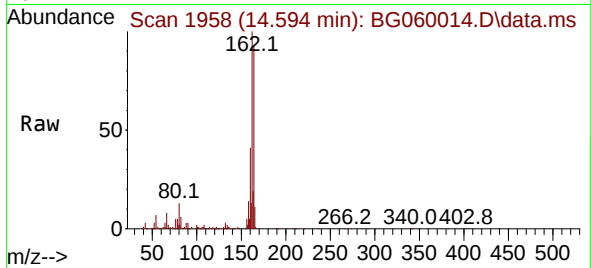




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

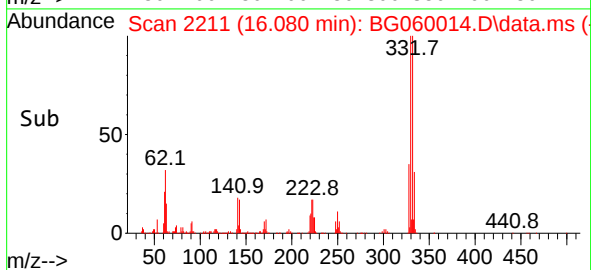
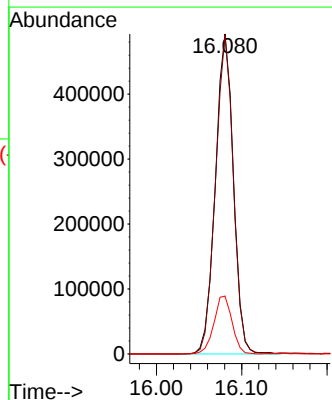
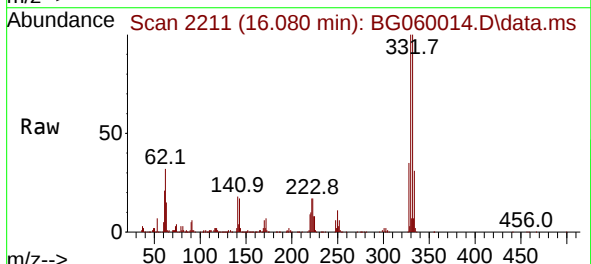
Instrument :
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ClientSampleId :
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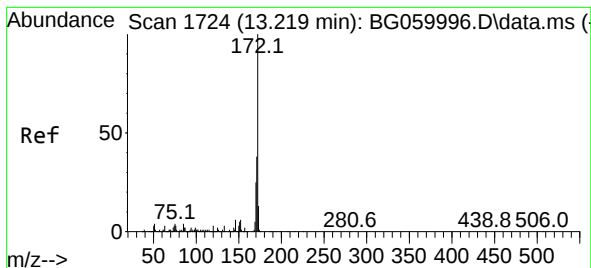
Tgt Ion:164 Resp: 191632
Ion Ratio Lower Upper
164 100
162 107.7 88.1 132.1
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 162.031 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:330 Resp: 723617
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 18.2 14.3 21.5

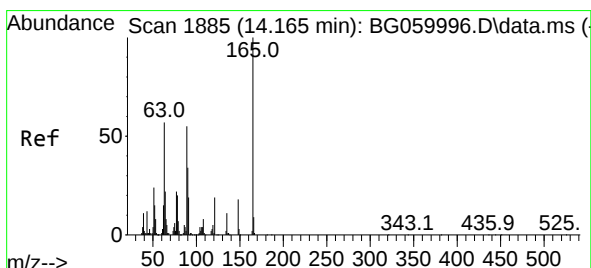
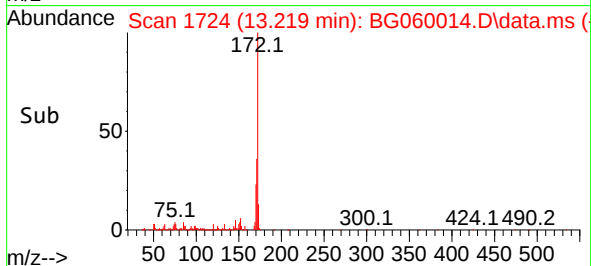
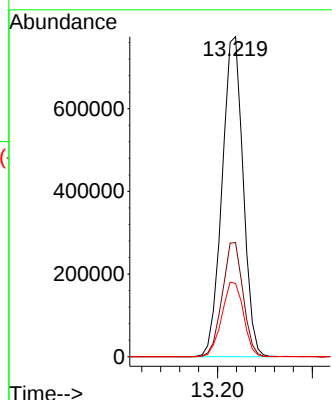
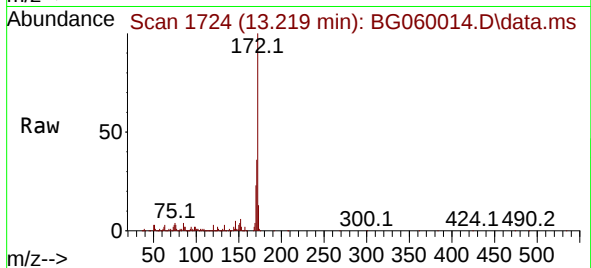




#45
2-Fluorobiphenyl
Concen: 76.317 ng
RT: 13.219 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

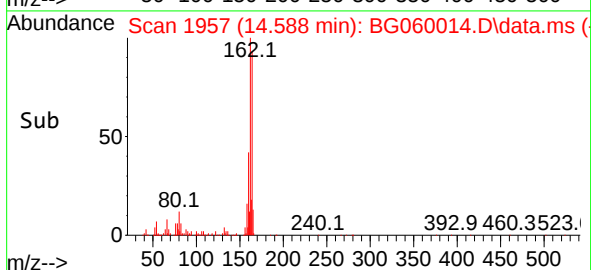
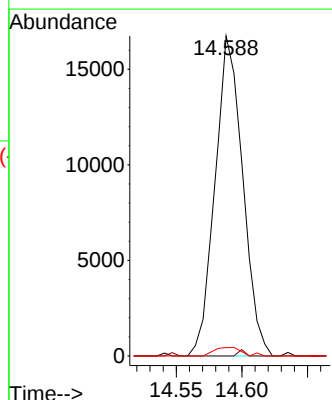
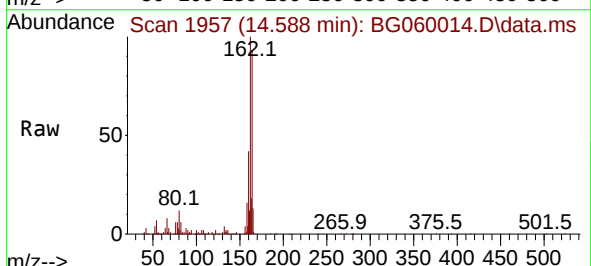
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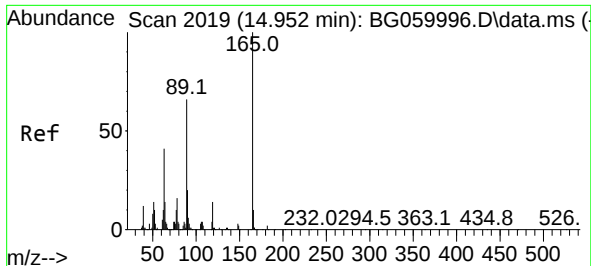
Tgt Ion:172 Resp: 1194935
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 22.9 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 7.957 ng
RT: 14.588 min Scan# 1957
Delta R.T. 0.423 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:165 Resp: 24518
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.2#
89 2.6 44.4 66.6#

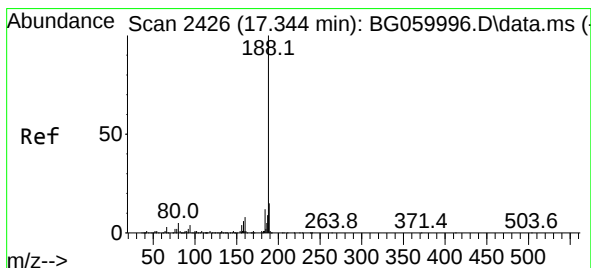
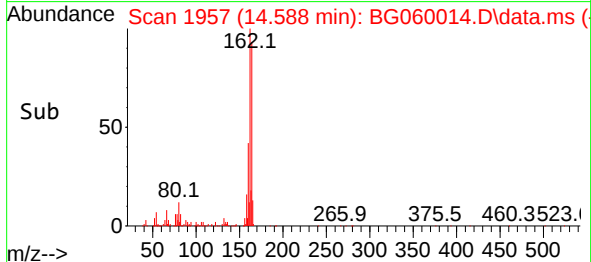
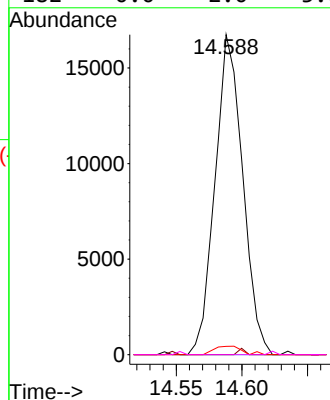
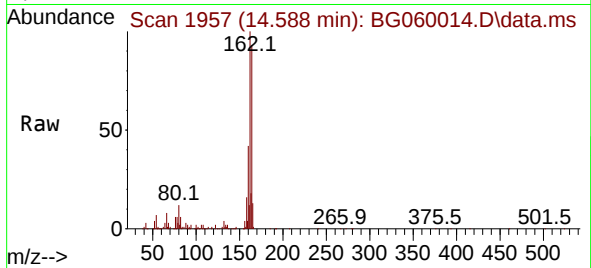




#57
2,4-Dinitrotoluene
Concen: 5.660 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.364 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

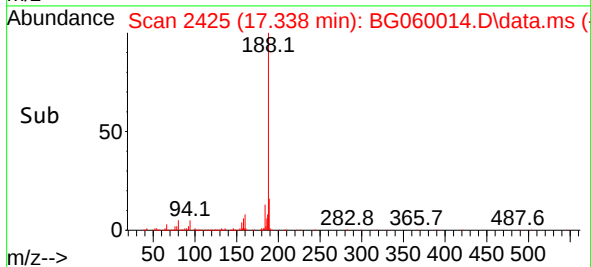
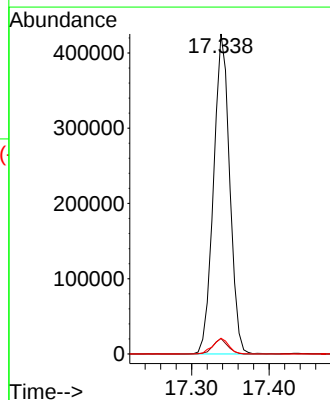
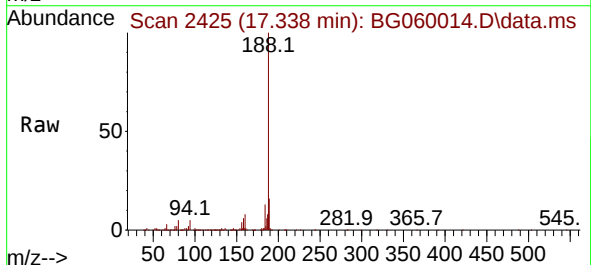
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PB157712BL

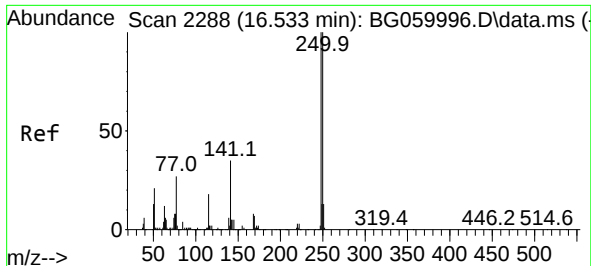
Tgt Ion:165 Resp: 24518
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 2.6 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:188 Resp: 614224
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.6#
80 4.9 4.0 6.0

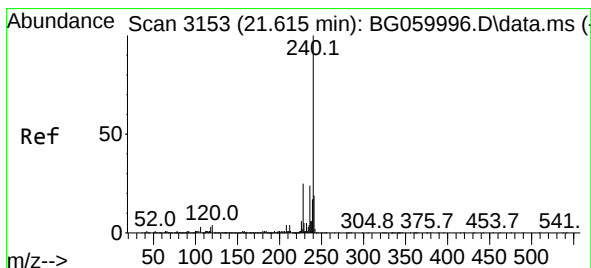
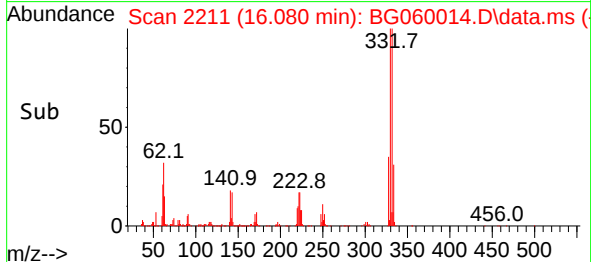
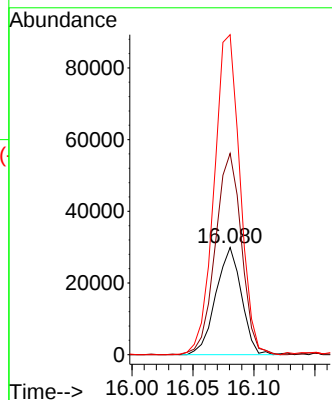
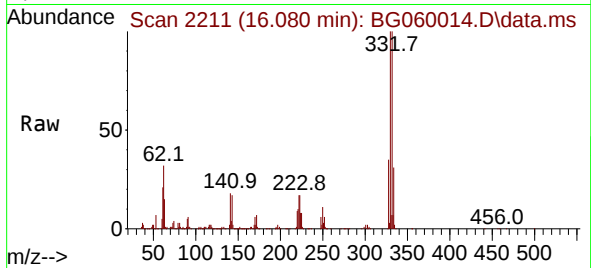




#67
4-Bromophenyl-phenylether
Concen: 5.051 ng
RT: 16.080 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

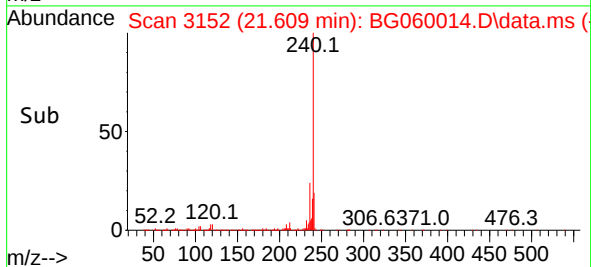
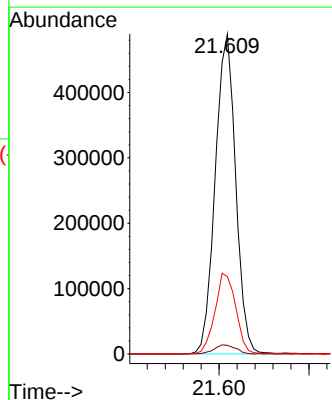
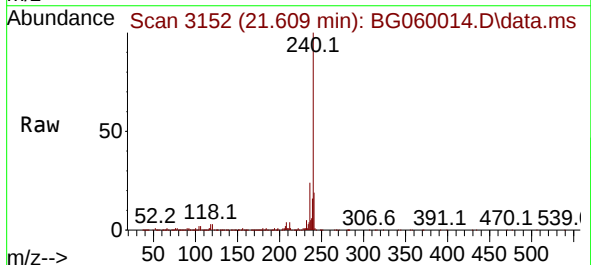
Instrument :
BNA_G
ClientSampleId :
PB157712BL

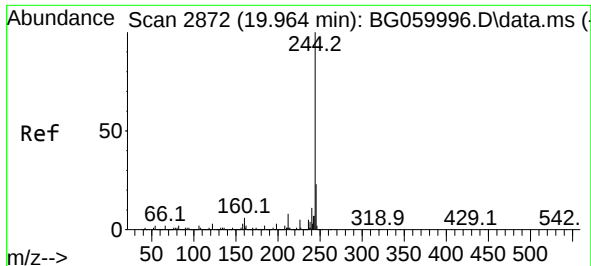
Tgt Ion:248 Resp: 43775
Ion Ratio Lower Upper
248 100
250 187.7 79.9 119.9#
141 298.3 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.609 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:240 Resp: 773152
Ion Ratio Lower Upper
240 100
120 2.7 2.9 4.3#
236 24.2 19.4 29.2

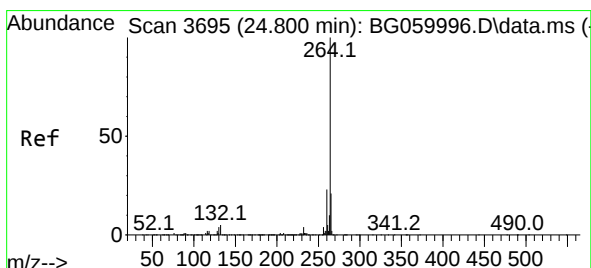
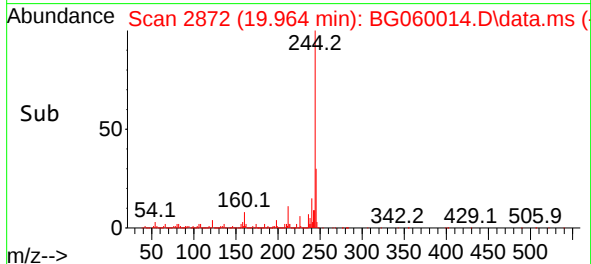
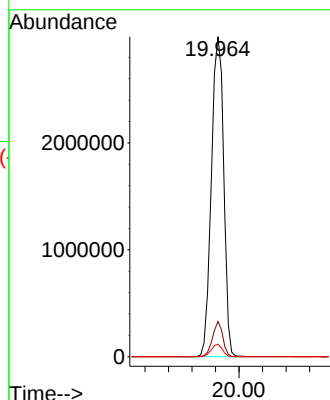
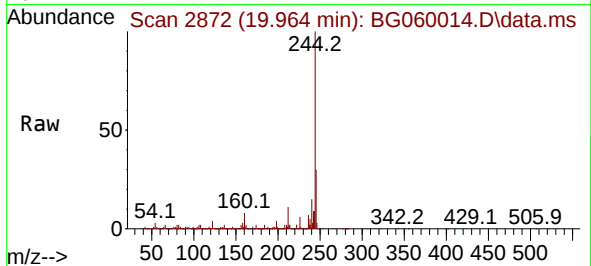




#79
 Terphenyl-d14
 Concen: 102.487 ng
 RT: 19.964 min Scan# 2872
 Delta R.T. -0.000 min
 Lab File: BG060014.D
 Acq: 14 Dec 2023 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB157712BL

Tgt Ion:244 Resp: 4340137
 Ion Ratio Lower Upper
 244 100
 212 11.0 6.8 10.2#
 122 3.9 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.794 min Scan# 3694
 Delta R.T. -0.006 min
 Lab File: BG060014.D
 Acq: 14 Dec 2023 16:11

Tgt Ion:264 Resp: 897146
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 20.9 17.3 25.9

